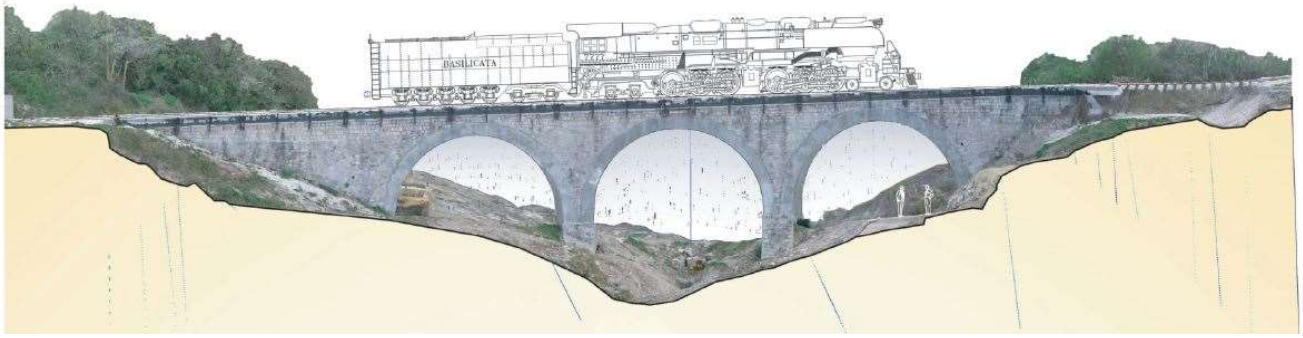

FERROVIE APPULO LUCANE

MOVIMENTO FRANOSO SULLA TRATTA FERROVIARIA

ACERENZA-PIETRAGALLA

TRA LE PROGRESSIVE 66+822 E 66+850 m

PROGETTO DEI LAVORI PER IL RIPRISTINO DELLA LINEA FERROVIARIA

- PROGETTO ESECUTIVO

EM/REV	DATA	RED./DIS.	VERIFICATO	APPROVATO	DESCRIZIONE
5					
4					
3					
2					
1					
0	GIUGNO 2019	ING. O.R. COLLETTA	ING. O.R. COLLETTA		PRIMA EMISSIONE

Titolo dell'allegato

FASCICOLO DI CALCOLO
MURO DI SOSTEGNO SU PALI DI FONDAZIONE

ALLEGATO

STRU.11

PROGETTAZIONE

ING. OLGA RENATA COLLETTA

COMMITTENTE

FERROVIE APPULO LUCANE

Indice

Normative di riferimento 9
Richiami teorici 10
Calcolo della spinta sul muro 10
Valori caratteristici e valori di calcolo 10
Metodo di Culmann 11
Spinta in presenza di falda 12
Spinta in presenza di sisma 12
Verifica alla stabilità globale 13
Analisi dei pali 14
Dati 18
Materiali 18
Calcestruzzo armato 18
Acciaio 18
Tipologie pali 19
Geometria profilo terreno a monte del muro 19
Geometria muro 20
Geometria paramento e fondazione 20
Descrizione pali di fondazione 21
Descrizione terreni 22
Stratigrafia 22
Condizioni di carico 23
Normativa 24
Descrizione combinazioni di carico 25
Dati sismici 34
Opzioni di calcolo 35
Risultati per combinazione 37
Spinta e forze 37
Scarichi in testa ai pali 40
Verifiche geotecniche 41
Quadro riassuntivo coeff. di sicurezza calcolati 41
Verifiche portanza trasversale (scorrimento) 41
Verifiche portanza verticale 42
Dettagli calcolo portanza verticale 42
Verifica a ribaltamento 43

Verifica stabilità globale muro + terreno 43
Dettagli strisce verifiche stabilità 44
Cedimenti pali 46
Sollecitazioni 47
Paramento 47
Piastra fondazione 51
Sollecitazioni pali 108
Verifiche strutturali 112
Verifiche a flessione 112
Paramento 113
Fondazione 115
Pali in c.a. 136
Verifiche a taglio 139
Paramento 139
Fondazione 141
Pali in c.a. 161
Verifica a punzonamento 164
Verifica delle tensioni 165
Combinazioni SLER 165
Paramento 165
Piastra fondazione 166
Pali in c.a. 171
Combinazioni SLEF 172
Paramento 172
Piastra fondazione 172
Pali in c.a. 179
Combinazioni SLEQ 180
Paramento 180
Piastra fondazione 181
Pali in c.a. 188
Verifica a fessurazione 188
Combinazioni SLEF 188
Paramento 188
Piastra fondazione 189
Pali in c.a. 196
Combinazioni SLEQ 196
Paramento 196

Piastra fondazione 197
Pali in c.a. 204
Risultati per inviluppo 205
Spinta e forze 205
Scarichi in testa ai pali 207
Verifiche geotecniche 208
Quadro riassuntivo coeff. di sicurezza calcolati 208
Verifiche portanza trasversale (scorrimento) 208
Verifiche portanza verticale 209
Dettagli calcolo portanza verticale 209
Verifica a ribaltamento 210
Verifica stabilità globale muro + terreno 210
Dettagli strisce verifiche stabilità 210
Sollecitazioni 212
Paramento 213
Piastra fondazione 214
Sollecitazioni pali 233
Verifiche strutturali 237
Verifiche a flessione 237
Paramento 237
Fondazione 238
Pali in c.a. 245
Verifiche a taglio 247
Paramento 248
Fondazione 248
Pali in c.a. 255
Verifica a punzonamento 258
Verifica delle tensioni 258
Combinazioni SLER 259
Paramento 259
Piastra fondazione 260
Pali in c.a. 267
Combinazioni SLEF 271
Paramento 271
Piastra fondazione 271
Pali in c.a. 277
Combinazioni SLEQ 280

Paramento 280
Piastra fondazione 280
Pali in c.a. 287
Verifica a fessurazione 291
Combinazioni SLEF 292
Paramento 292
Piastra fondazione 292
Pali in c.a. 299
Combinazioni SLEQ 299
Paramento 299
Piastra fondazione 300
Pali in c.a. 307
Dichiarazioni secondo N.T.C. 2018 (punto 10.2) 308

FASCICOLO DI CALCOLO

Sono illustrati con la presente i risultati dei calcoli che riguardano il progetto delle armature, e la verifica delle tensioni di lavoro dei materiali.

- **NORMATIVA DI RIFERIMENTO**

I calcoli sono condotti nel pieno rispetto della normativa vigente e, in particolare, la normativa cui viene fatto riferimento nelle fasi di calcolo, verifica e progettazione è costituita dalle *Norme Tecniche per le Costruzioni*, emanate con il D.M. 17/01/2018 pubblicato nel suppl. 8 G.U. 42 del 20/02/2018, nonché la Circolare del C.S.LL.PP. del 21 gennaio 2019, n. 7 "*Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni*".

- **METODI DI CALCOLO**

I metodi di calcolo adottati per il calcolo sono i seguenti:
1) Per i carichi statici e sismici: analisi pseudo-statica con metodo dell'equilibrio;

- **DIMENSIONAMENTO MINIMO DELLE ARMATURE.**

Per il calcolo delle armature sono stati rispettati i minimi di legge di seguito riportati:

PLATEA:

Flessione:

- Direzione longitudinale asse muro
- Lembo superiore ed inferiore:
Armatura longitudinale : 1ϕ16/20" = 10.05 cmq/ml;

- Direzione trasversale (normale all'asse muro)
- Lembo inferiore:
Armatura longitudinale : 1ϕ20/10" = 31.40 cmq/ml;
- Lembo superiore:
Armatura longitudinale : 1ϕ16/19" = 10.58 cmq/ml;

In riferimento alla normativa, la platea di fondazione in calcestruzzo armato è armata longitudinalmente, secondo due direzioni ortogonali e per l'intera estensione, in percentuale non inferiore allo 0,1% dell'area della sezione trasversale della platea, sia inferiormente sia superiormente (0.001x100x100=10 cmq).

Punzonamento:

La solette piena delle fondazioni è verificata nei riguardi del punzonamento allo stato limite ultimo, in corrispondenza dei pilastri e di carichi concentrati.

In mancanza di un'armatura trasversale appositamente dimensionata, la resistenza al punzonamento è valutata sulla base della resistenza a trazione del calcestruzzo, intendendo la sollecitazione distribuita su di un perimetro efficace distante 2d dall'impronta caricata, con d altezza utile (media) della soletta (2x0.9x100=180 cm).

PARAMENTO MURO:

Flessione:

Sezione d'imposta muro:

- Barre verticali:
- Lembo superiore ed inferiore:
Armatura verticale : 6ϕ20/ml = 18.84 cmq/ml;

- Barre orizzontali:
- Lembo superiore ed inferiore:
Armatura orizzontale : 1ϕ10/20" = 3.90 cmq/ml;

Sezione mezzeria muro:

- Barre verticali:
- Lembo superiore ed inferiore:
Armatura verticale : 4ϕ20/ml = 12.56 cmq/ml;

- Barre orizzontali:
- Lembo superiore ed inferiore:
Armatura orizzontale : 1ϕ10/20" = 3.90 cmq/ml;

In riferimento alla normativa, il paramento del muro in calcestruzzo armato è armato verticalmente a flessione nella sezione di incastro, e per l'intera estensione longitudinale, in percentuale non inferiore allo 0,26 (f_{ctm}/f_{yk}) x b x d = 0.26 x (3.09/450) x 70 x 100 = 12.5 cmq/ml.

PALI:

- Tratto iniziale: profondità da testa palo a 11 m:
Armatura longitudinale: 22ϕ26 = 116.82 cmq;
Armatura trasversale: spirale ϕ10/passo 12.8 cm;
A_f/A_c = 116.82/5026=2.232%

- Tratto finale: profondità da 11 m a 19 m :
Armatura longitudinale: 6ϕ26 = 31.86 cmq;
Armatura trasversale: spirale ϕ10/passo 12.8 cm;
A_f/A_c = 31.86/5026=0.64%

Pertanto in riferimento alla normativa, i pali in calcestruzzo sono armati, per tutta la lunghezza, con una armatura longitudinale in percentuale non inferiore allo 0,3% dell'area della sezione trasversale del palo (5026x0.003=15.1 cmq) e un'armatura trasversale costituita da spirali di diametro non inferiore a 8 mm, passo non superiore a 8 volte il diametro delle barre longitudinali (8x2.6=20.8 cm).

Si ipotizza, per la verifica della portanza laterale del palo, che la capacità è raggiunta in prossimità della testa del palo, dove si considera una zona dissipativa estesa fino a una profondità pari ad almeno dieci volte il diametro del palo (80x10=800 cm = 8 m);

Nelle zone dissipative le sezioni sono progettate per esibire un comportamento duttile per effetto delle azioni di calcolo, in tali zone dissipative l'armatura longitudinale ha area non inferiore all'1% dell'area della sezione trasversale del palo (5026x0.01=50.26 cmq), mentre l'armatura trasversale è costituita da staffe singole di passo non superiore a 6 volte il diametro delle barre longitudinali (6x2.6=15.6 cm).

In assenza di specifiche valutazioni della capacità di duttilità, sono rispettate le seguenti prescrizioni:

Armatura longitudinale compresa fra 0,3% e 4% della sezione effettiva e non minore di 0,10*Ned/fyd;

MURO DI SOSTEGNO - ALTEZZE H = 7.40 m e H = 6.40 m

Normative di riferimento

- Legge n. 1086 del 05/11/1971.

Norme per la disciplina delle opere in conglomerato cementizio, normale e precompresso ed a struttura metallica.

- Legge n. 64 del 02/02/1974.

Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche.

- D.M. LL.PP. del 11/03/1988.

Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione.

- D.M. LL.PP. del 14/02/1992.

Norme tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche.

- D.M. 9 Gennaio 1996

Norme Tecniche per il calcolo, l' esecuzione ed il collaudo delle strutture in cemento armato normale e precompresso e per le strutture metalliche

- D.M. 16 Gennaio 1996 - Norme Tecniche relative ai 'Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi'

- D.M. 16 Gennaio 1996 - Norme Tecniche per le costruzioni in zone sismiche

- Circolare Ministero LL.PP. 15 Ottobre 1996 N. 252 AA.GG./S.T.C.

Istruzioni per l'applicazione delle Norme Tecniche di cui al D.M. 9 Gennaio 1996

- Circolare Ministero LL.PP. 10 Aprile 1997 N. 65/AA.GG.

Istruzioni per l'applicazione delle Norme Tecniche per le costruzioni in zone sismiche di cui al D.M. 16 Gennaio 1996

- Norme Tecniche per le Costruzioni 2018 (D.M. 17 Gennaio 2018)

Richiami teorici

Il calcolo dei muri di sostegno viene eseguito secondo le seguenti fasi:

- Calcolo della spinta del terreno
- Verifica a ribaltamento
- Verifica a scorrimento del muro sul piano di posa
- Verifica della stabilità complesso fondazione terreno (carico limite)
- Verifica della stabilità globale

Se il muro è in calcestruzzo armato: Calcolo delle sollecitazioni sia del muro che della fondazione, progetto delle armature e relative verifiche dei materiali.

Se il muro è a gravità: Calcolo delle sollecitazioni sia del muro che della fondazione e verifica in diverse sezioni al ribaltamento, allo scorrimento ed allo schiacciamento.

Calcolo della spinta sul muro

Valori caratteristici e valori di calcolo

Effettuando il calcolo tramite gli Eurocodici è necessario fare la distinzione fra i parametri caratteristici ed i valori di calcolo (o di progetto) sia delle azioni che delle resistenze.

I valori di calcolo si ottengono dai valori caratteristici mediante l'applicazione di opportuni coefficienti di sicurezza parziali γ. In particolare si distinguono combinazioni di carico di tipo **A1-M1** nelle quali vengono incrementati i carichi e lasciati inalterati i parametri di resistenza del terreno e combinazioni di carico di tipo **A2-M2** nelle quali vengono ridotti i parametri di resistenza del terreno e incrementati i soli carichi variabili.

Metodo di Culmann

Il metodo di Culmann adotta le stesse ipotesi di base del metodo di Coulomb. La differenza sostanziale è che mentre Coulomb considera un terrapieno con superficie a pendenza costante e carico uniformemente distribuito (il che permette di ottenere una espressione in forma chiusa per il coefficiente di spinta) il metodo di Culmann consente di analizzare situazioni con profilo di forma generica e carichi sia concentrati che distribuiti comunque disposti. Inoltre, rispetto al metodo di Coulomb, risulta più immediato e lineare tener conto della coesione del masso spingente. Il metodo di Culmann, nato come metodo essenzialmente grafico, si è evoluto per essere trattato mediante analisi numerica (noto in questa forma come metodo del cuneo di tentativo). Come il metodo di Coulomb anche questo metodo considera una superficie di rottura rettilinea.

I passi del procedimento risolutivo sono i seguenti:

- si impone una superficie di rottura (angolo di inclinazione ρ rispetto all'orizzontale) e si considera il cuneo di spinta delimitato dalla superficie di rottura stessa, dalla parete su cui si calcola la spinta e dal profilo del terreno;
- si valutano tutte le forze agenti sul cuneo di spinta e cioè peso proprio *(W)*, carichi sul terrapieno, resistenza per attrito e per coesione lungo la superficie di rottura *(R e C)* e resistenza per coesione lungo la parete *(A)*;
- dalle equazioni di equilibrio si ricava il valore della spinta S sulla parete.

Questo processo viene iterato fino a trovare l'angolo di rottura per cui la spinta risulta massima.

La convergenza non si raggiunge se il terrapieno risulta inclinato di un angolo maggiore dell'angolo d'attrito del terreno.

Nei casi in cui è applicabile il metodo di Coulomb (profilo a monte rettilineo e carico uniformemente distribuito) i risultati ottenuti col metodo di Culmann coincidono con quelli del metodo di Coulomb.

Le pressioni sulla parete di spinta si ricavano derivando l'espressione della spinta S rispetto all'ordinata *z*. Noto il diagramma delle pressioni è possibile ricavare il punto di applicazione della spinta.

Spinta in presenza di falda

Nel caso in cui a monte del muro sia presente la falda il diagramma delle pressioni sul muro risulta modificato a causa della sottospinta che l'acqua esercita sul terreno. Il peso di volume del terreno al di sopra della linea di falda non subisce variazioni. Viceversa al di sotto del livello di falda va considerato il peso di volume di galleggiamento

$$\gamma_a = \gamma_{sat} - \gamma_w$$

dove γ_{sat} è il peso di volume saturo del terreno (dipendente dall'indice dei pori) e γ_w è il peso specifico dell'acqua. Quindi il diagramma delle pressioni al di sotto della linea di falda ha una pendenza minore. Al diagramma così ottenuto va sommato il diagramma triangolare legato alla pressione idrostatica esercitata dall'acqua.

Spinta in presenza di sisma

Per tener conto dell'incremento di spinta dovuta al sisma si fa riferimento al metodo di Mononobe-Okabe (cui fa riferimento la Normativa Italiana).
La Normativa Italiana suggerisce di tener conto di un incremento di spinta dovuto al sisma nel modo seguente.
Detta ε l'inclinazione del terrapieno rispetto all'orizzontale e β l'inclinazione della parete rispetto alla verticale, si calcola la spinta *S'* considerando un'inclinazione del terrapieno e della parte pari a

$$\varepsilon' = \varepsilon + \theta$$

$$\beta' = \beta + \theta$$

dove θ = *arctg(C)* essendo *C* il coefficiente di intensità sismica.

Detta *S* la spinta calcolata in condizioni statiche l'incremento di spinta da applicare è espresso da

$$\Delta S = AS' - S$$

dove il coefficiente *A* vale

$$A = \frac{\cos^2(\beta + \theta)}{\cos^2\beta\cos\theta}$$

In presenza di falda a monte, nel coefficiente *A* si tiene conto dell'influenza dei pesi di volume nel calcolo di θ.

Adottando il metodo di Mononobe-Okabe per il calcolo della spinta, il coefficiente *A* viene posto pari a 1.

Tale incremento di spinta è applicato a metà altezza della parete di spinta nel caso di forma rettangolare del diagramma di incremento sismico, allo stesso punto di applicazione della spinta statica nel caso in cui la forma del diagramma di incremento sismico è uguale a quella del diagramma statico.

Oltre a questo incremento bisogna tener conto delle forze d'inerzia orizzontali e verticali che si destano per effetto del sisma. Tali forze vengono valutate come

$$F_{iH} = k_h W \qquad F_{iV} = \pm k_v W$$

dove *W* è il peso del muro, del terreno soprastante la mensola di monte ed i relativi sovraccarichi e va applicata nel baricentro dei pesi.

Il metodo di Culmann tiene conto automaticamente dell'incremento di spinta. Basta inserire nell'equazione risolutiva la forza d'inerzia del cuneo di spinta. La superficie di rottura nel caso di sisma risulta meno inclinata della corrispondente superficie in assenza di sisma.

Verifica alla stabilità globale

La verifica alla stabilità globale del complesso muro+terreno deve fornire un coefficiente di sicurezza non inferiore a η_g.

Viene usata la tecnica della suddivisione a strisce della superficie di scorrimento da analizzare. La superficie di scorrimento viene supposta circolare e determinata in modo tale da non avere intersezione con il profilo del muro o con i pali di

fondazione. Si determina il minimo coefficiente di sicurezza su una maglia di centri di dimensioni 10x10 posta in prossimità della sommità del muro. Il numero di strisce è pari a 50.

Si adotta per la verifica di stabilità globale il metodo di Bishop.

Il coefficiente di sicurezza nel metodo di Bishop si esprime secondo la seguente formula:

$$\eta = \frac{\Sigma_i \left(\frac{c_i b_i + (W_i - u_i b_i) tg\phi_i}{m} \right)}{\Sigma_i W_i \sin\alpha_i}$$

dove il termine *m* è espresso da

$$m = \left(1 + \frac{tg\phi_i tg\alpha_i}{\eta}\right) \cos\alpha_i$$

In questa espressione *n* è il numero delle strisce considerate, b_i e α_i sono la larghezza e l'inclinazione della base della striscia i_{esima} rispetto all'orizzontale, W_i è il peso della striscia i_{esima} , c_i e ϕ_i sono le caratteristiche del terreno (coesione ed angolo di attrito) lungo la base della striscia ed u_i è la pressione neutra lungo la base della striscia.

L'espressione del coefficiente di sicurezza di Bishop contiene al secondo membro il termine *m* che è funzione di η. Quindi essa viene risolta per successive approssimazioni assumendo un valore iniziale per η da inserire nell'espressione di *m* ed iterare fin quando il valore calcolato coincide con il valore assunto.

Analisi dei pali

Per l'analisi della capacità portante dei pali occorre determinare alcune caratteristiche del terreno in cui si va ad operare. In particolare bisogna conoscere l'angolo d'attrito ϕ e la coesione *c*. Per pali soggetti a carichi trasversali è necessario conoscere il modulo di reazione laterale o il modulo elastico laterale.

La capacità portante di un palo solitamente viene valutata come somma di due contributi: portata di base (o di punta) e portata per attrito laterale lungo il fusto. Cioè si assume valida l'espressione:

$$Q_T = Q_P + Q_L - W_P$$

dove:

Q_T portanza totale del palo

Q_P portanza di base del palo

Q_L portanza per attrito laterale del palo

W_P peso proprio del palo

e le due componenti Q_P e Q_L sono calcolate in modo indipendente fra loro.

Dalla capacità portante del palo si ricava il carico ammissibile del palo Q_A applicando il coefficiente di sicurezza della portanza alla punta η_p ed il coefficiente di sicurezza della portanza per attrito laterale η_l.

Palo compresso:

$$Q_A = Q_p / \eta_p + Q_l / \eta_l - W_p$$

Palo teso:

$$Q_A = Q_l / \eta_l + W_p$$

Capacità portante di punta

In generale la capacità portante di punta viene calcolata tramite l'espressione:

$$Q_P = A_P(cN'_c + qN'_q + 1/2B\gamma N'_\gamma)$$

dove A_P è l'area portante efficace della punta del palo, *c* è la coesione, *q* è la pressione geostatica alla quota della punta del palo, γ è il peso specifico del terreno, *D* è il diametro del palo ed i coefficienti N'_c N'_q N'_g sono i coefficienti delle formule della capacità portante corretti per tener conto degli effetti di forma e di profondità. Possono essere utilizzati sia i coefficienti di Hansen che quelli di Vesic con i corrispondenti fattori correttivi per la profondità e la forma.

Il parametro η che compare nell'espressione assume il valore:

$$\eta = \frac{1 + 2K_0}{3}$$

quando si usa la formula di Vesic e viene posto uguale ad 1 per le altre formule.

K_0 rappresenta il coefficiente di spinta a riposo che può essere espresso come: $K_0 = 1 - \sin\phi$.

Capacità portante per resistenza laterale

La resistenza laterale è data dall'integrale esteso a tutta la superficie laterale del palo delle tensioni tangenziali palo-terreno in condizioni limite:

$$Q_L = \text{integrale}_S \tau_a dS$$

dove τ_a è dato dalla nota relazione di Coulomb

$\tau_a = c_a + \sigma_h tg\delta$

dove c_a è l'adesione palo-terreno, δ è l'angolo di attrito palo-terreno, γ è il peso specifico del terreno, *z* è la generica quota a partire dalla testa del palo, *L* e *P* sono rispettivamente la lunghezza ed il perimetro del palo, K_s è il coefficiente di spinta che dipende dalle caratteristiche meccaniche e fisiche del terreno dal suo stato di addensamento e dalle modalità di realizzazione del palo.

Portanza trasversale dei pali - Analisi ad elementi finiti

Nel modello di terreno alla Winkler il terreno viene schematizzato come una serie di molle elastiche indipendenti fra di loro. Le molle che schematizzano il terreno vengono caratterizzate tramite una costante elastica *K* espressa in $Kg/cm^2/cm$ che rappresenta la pressione (in Kg/cm^2) che bisogna applicare per ottenere l'abbassamento di 1 cm.

Nel metodo degli elementi finiti occorre discretizzare il particolare problema. Nel caso specifico il palo viene suddiviso in un certo numero di elementi di eguale lunghezza. Ogni elemento è caratterizzato da una sezione avente area ed inerzia coincidente con quella del palo.

Il terreno viene schematizzato come una serie di molle orizzontali che reagiscono agli spostamenti nei due versi. La rigidezza assiale della singola molla è proporzionale alla costante di Winkler orizzontale del terreno, al diametro del palo ed alla lunghezza dell'elemento. La molla, però, non viene vista come un elemento infinitamente elastico ma come un elemento con comportamento del tipo elastoplastico perfetto (diagramma sforzi-deformazioni di tipo bilatero). Essa presenta una resistenza crescente al crescere degli spostamenti fino a che l'entità degli spostamenti si mantiene al di sotto di un certo spostamento limite, X_{max}

oppure fino a quando non si raggiunge il valore della pressione limite. Superato tale limite non si ha un incremento di resistenza. E' evidente che assumendo un comportamento di questo tipo ci si addentra in un tipico problema non lineare che può essere risolto solo mediante una analisi al passo.

Questa modellazione presenta il notevole vantaggio di poter schematizzare tutti quei comportamenti individuati da Broms e che sarebbe impossibile trattare in un modello numerico. In particolare risulta automatico analizzare casi in cui si ha insufficiente portanza non per rottura del palo ma per rottura del terreno (vedi il caso di un palo molto rigido in un terreno molle).

Determinazione degli scarichi sul palo.

Gli scarichi sui pali vengono determinati mediante il metodo delle rigidezze.

La piastra di fondazione viene considerata infinitamente rigida (3 gradi di libertà) ed i pali vengono considerati incastrati o incernierati (la scelta del vincolo viene fatta dall'Utente nella tabella CARATTERISTICHE del sottomenu PALI) a tale piastra.

Viene effettuata una prima analisi di ogni palo di ciascuna fila (i pali di ogni fila hanno le stesse caratteristiche) per costruire una curva carichi-spostamenti del palo. Questa curva viene costruita considerando il palo elastico. Si tratta, in definitiva, della matrice di rigidezza del palo *Ke*, costruita imponendo traslazioni e rotazioni unitarie per determinare le corrispondenti sollecitazioni in testa al palo.

Nota la matrice di rigidezza di ogni palo si assembla la matrice globale (di dimensioni 3x3) della palificata, *K*.

A questo punto, note le forze agenti in fondazione (N, T, M) si possono ricavare gli spostamenti della piastra (abbassamento, traslazione e rotazione) e le forze che si scaricano su ciascun palo. Infatti indicando con *p* il vettore dei carichi e con *u* il vettore degli spostamenti della piastra abbiamo:

$$u = K^{-1}p$$

Noti gli spostamenti della piastra, e quindi della testa dei pali, abbiamo gli scarichi su ciascun palo. Allora per ciascun palo viene effettuata un'analisi elastoplastica incrementale (tramite il metodo degli elementi finiti) che, tenendo conto della plasticizzazione del terreno, calcola le sollecitazioni in tutte le sezioni del palo., le caratteristiche del terreno (rappresentate da *Kh*) sono tali che se non è possibile raggiungere l'equilibrio si ha collasso per rottura del terreno.

Dati

Materiali

Simbologia adottata
n° Indice materiale
Descr Descrizione del materiale
Calcestruzzo armato
C Classe di resistenza del cls
A Classe di resistenza dell'acciaio
γ Peso specifico, espresso in [kg/mc]
R_{ck} Resistenza caratteristica a compressione, espressa in [kg/cmq]
E Modulo elastico, espresso in [kg/cmq]
ν Coeff. di Poisson
n Coeff. di omogenizzazione acciaio/cls
ntc Coeff. di omogenizzazione cls teso/compresso

Calcestruzzo armato

n°	Descr	C	A	γ	R_{ck}	E	ν	n	ntc
				[kg/mc]	*[kg/cmq]*	*[kg/cmq]*			
4	C32/40	C32/40	B450C	2500.00	407.88	343054	0.30	15.00	0.50

Acciaio

Descr	f_{yk}	f_{uk}
	[kg/cmq]	*[kg/cmq]*
B450C	4588.00	5506.00

Tipologie pali

Simbologia adottata

n° Indice tipologia palo

Descr Descrizione tipologia palo

P Contributo portanza palo (laterale e/o punta)

T Tecnologia costruttiva (trivellato, infisso o elica continua)

V Vincolo palo-fondazione: Cerniera o Incastro (libero o impedito di ruotare in testa)

Imat Indice materiale che lo costituisce

BD usa metodo di Bustamante-Doix

PN Portanza nota

Pp, Pl Portanza di punta e laterale caratteristica, espressa in [kg]

n°	Descr	P	T	V	Imat	BD	PN	Pp	Pl
1	Tipologia palo	Laterale + Punta	Trivellato	Trivellato	4	NO	NO	--	--

Geometria profilo terreno a monte del muro

Simbologia adottata

(Sistema di riferimento con origine in testa al muro, ascissa X positiva verso monte, ordinata Y positiva verso l'alto)

n° numero ordine del punto

X ascissa del punto espressa in [m]

Y ordinata del punto espressa in [m]

A inclinazione del tratto espressa in [°]

n°	X	Y	A
	[m]	*[m]*	*[°]*
1	0.00	0.00	0.000
2	20.00	0.05	0.143
3	35.00	0.05	0.000

Inclinazione terreno a valle del muro rispetto all'orizzontale 0.000 [°]

Geometria muro

Geometria paramento e fondazione

Paramento

Materiale	C32/40	
Altezza paramento	7.40	[m]
Altezza paramento libero	7.40	[m]
Spessore in sommità	0.40	[m]
Spessore all'attacco con la fondazione	0.85	[m]
Inclinazione paramento esterno	3.50	[°]
Inclinazione paramento interno	0.00	[°]

Fondazione

Materiale	C32/40	
Lunghezza mensola di valle	2.60	[m]
Lunghezza mensola di monte	0.10	[m]
Lunghezza totale	3.55	[m]
Inclinazione piano di posa	0.00	[°]
Spessore	1.00	[m]
Spessore magrone	0.10	[m]

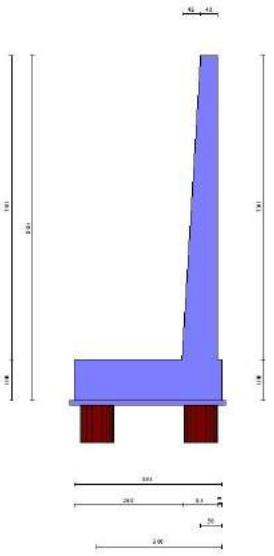

Fig. 1 - Sezione quotata del muro

Descrizione pali di fondazione

Simbologia adottata

n° numero d'ordine della fila

X ascissa della fila misurata dallo spigolo di monte della fondazione espressa in [m]

I interasse tra i pali, espressa in [m]

f franco laterale (distanza minima dal bordo laterale), espressa in [m]

Np Numero di pali della fila

D diametro dei pali della fila espresso in [cm]

L lunghezza dei pali della fila espressa in [m]

α inclinazione dei pali della fila rispetto alla verticale espressa in [°]

ALL allineamento dei pali della fila rispetto al baricentro della fondazione (CENTRATI o SFALSATI)

n°	Tipologia	X	I	f	Np	D	L	α	ALL
		[m]	*[m]*	*[m]*		*[cm]*	*[m]*	*[°]*	
1	Tipologia palo	0.50	2.40	0.30	5	80.00	22.00	0.00	Centrati
2	Tipologia palo	3.00	2.40	0.30	5	80.00	22.00	0.00	Centrati

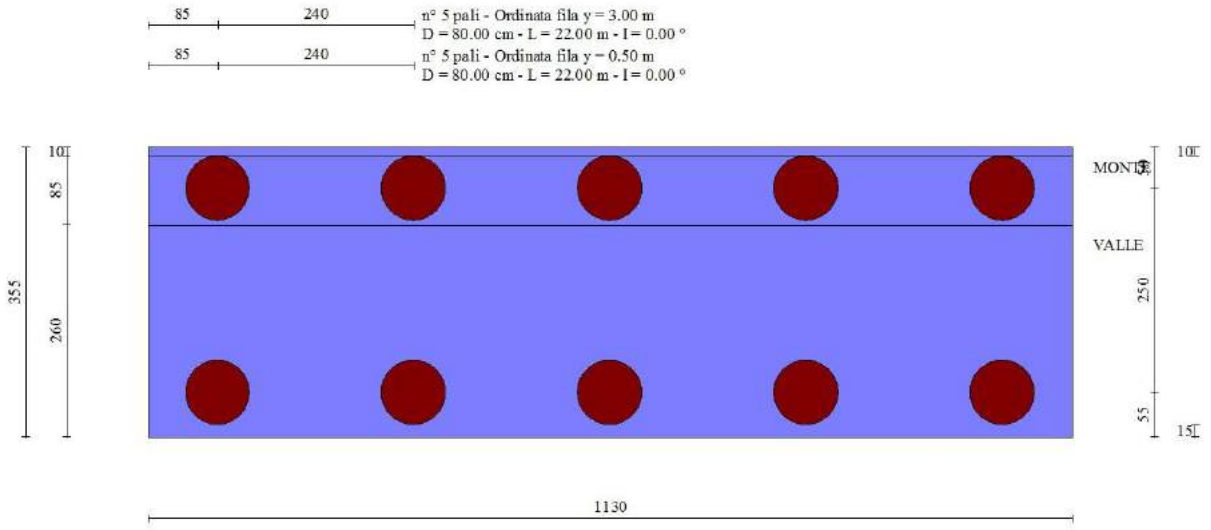

Fig. 2 - Pianta pali

Descrizione terreni

Parametri di resistenza

Simbologia adottata
n° Indice del terreno
Descr Descrizione terreno
γ Peso di volume del terreno espresso in [kg/mc]
γ_s Peso di volume saturo del terreno espresso in [kg/mc]
ϕ Angolo d'attrito interno espresso in [°]
δ Angolo d'attrito terra-muro espresso in [°]
c Coesione espressa in [kg/cmq]
c_a Adesione terra-muro espressa in [kg/cmq]
Per calcolo portanza con il metodo di Bustamante-Doix
Cesp Coeff. di espansione laterale (solo per il metodo di Bustamante-Doix)
τl Tensione tangenziale limite, espressa in [kg/cmq]

n°	Descr	γ	γ_{sat}	ϕ	δ	c	ca	Cesp	τl	
		[kg/mc]	[kg/mc]	[°]	[°]	[kg/cmq]	[kg/cmq]		[kg/cmq]	
1	Terreno 1	1800.00	2000.00	20.100	13.400	0.19	0.09	1.800	0.00	(CAR)
				20.100	13.400	0.19	0.09		0.00	(MIN)
				20.100	13.400	0.19	0.09		0.00	(MED)
2	Terreno 2	1800.00	2000.00	20.100	13.400	0.19	0.09	1.000	0.00	(CAR)
				20.100	13.400	0.19	0.09		0.00	(MIN)
				20.100	13.400	0.19	0.09		0.00	(MED)
3	Terreno 3	2226.00	2300.00	21.200	13.780	0.11	0.06	1.000	0.00	(CAR)
				21.200	13.780	0.11	0.06		0.00	(MIN)
				21.200	13.780	0.11	0.06		0.00	(MED)

Stratigrafia

Simbologia adottata
n° Indice dello strato
H Spessore dello strato espresso in [m]
α Inclinazione espressa in [°]
Terreno Terreno dello strato
Kwn, Kwt Costante di Winkler normale e tangenziale alla superficie espressa in $Kg/cm^2/cm$
Per calcolo pali (solo se presenti)
Kw Costante di Winkler orizzontale espressa in $Kg/cm^2/cm$
Ks Coefficiente di spinta
Cesp Coefficiente di espansione laterale (per tutti i metodi tranne il metodo di Bustamante-Doix)

Per calcolo della spinta con coeff. di spinta definiti (usati solo se attiva l'opzione 'Usa coeff. di spinta da strato')

Kst_{sta}, Kst_{sis} Coeff. di spinta statico e sismico

n°	H	α	Terreno	Kwn	Kwt	Kw	Ks	Cesp	Kst_{sta}	Kst_{sis}
	[m]	[°]		[Kg/cm³]	[Kg/cm³]	[Kg/cm³]				
1	7.30	0.000	Terreno 1	0.000	0.000	0.000	0.000	1.000	0.000	0.000
2	5.00	0.000	Terreno 2	0.000	0.000	0.000	0.000	1.000	0.000	0.000
3	20.00	0.000	Terreno 3	0.000	0.000	2.500	0.500	1.000	0.000	0.000

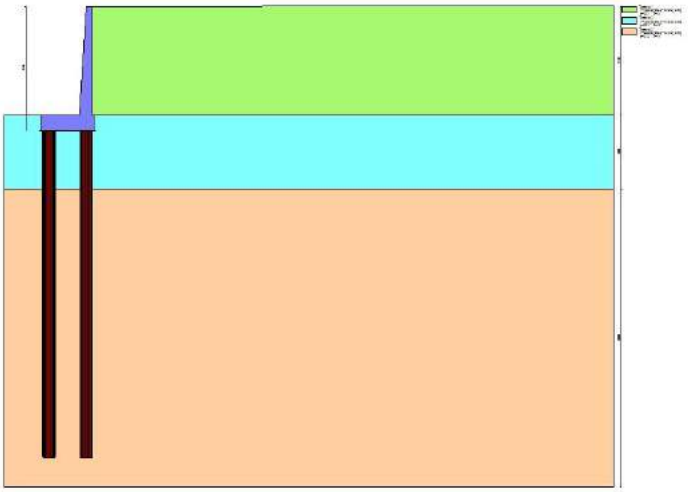

Fig. 3 - Stratigrafia

Condizioni di carico

Simbologia adottata
Carichi verticali positivi verso il basso.
Carichi orizzontali positivi verso sinistra.
Momento positivo senso antiorario.
X Ascissa del punto di applicazione del carico concentrato espressa in [m]
F_x Componente orizzontale del carico concentrato espressa in [kg]
F_y Componente verticale del carico concentrato espressa in [kg]
M Momento espresso in [kgm]
X_i Ascissa del punto iniziale del carico ripartito espressa in [m]
X_f Ascissa del punto finale del carico ripartito espressa in [m]
Q_i Intensità del carico per $x=X_i$ espressa in [kg]
Q_f Intensità del carico per $x=X_f$ espressa in [kg]

Condizione n° 1 (Condizione 1 strada) - VARIABILE TF

Coeff. di combinazione Ψ_0=0.80 - Ψ_1=0.50 - Ψ_2=0.20

Carichi sul terreno

n°	Tipo	X	Fx	Fy	M	Xi	Xf	Qi	Qf
		[m]	*[kg]*	*[kg]*	*[kgm]*	*[m]*	*[m]*	*[kg]*	*[kg]*
1	Distribuito					0.05	4.35	2500.00	2500.00

Normativa

Normativa usata: **Norme Tecniche sulle Costruzioni 2018 (D.M. 17.01.2018)**

Coeff. parziali per le azioni o per l'effetto delle azioni

Carichi	Effetto		Combinazioni statiche					Combinazioni sismiche		
			HYD	UPL	EQU	A1	A2	EQU	A1	A2
Permanenti strutturali	Favorevoli	$\gamma_{G1,fav}$	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00
Permanenti strutturali	Sfavorevoli	$\gamma_{G1,sfav}$	1.00	1.10	1.30	1.30	1.00	1.00	1.00	1.00
Permanenti non strutturali	Favorevoli	$\gamma_{G2,fav}$	0.00	0.80	0.80	0.80	0.80	0.00	0.00	0.00
Permanenti non strutturali	Sfavorevoli	$\gamma_{G2,sfav}$	1.00	1.50	1.50	1.50	1.30	1.00	1.00	1.00
Variabili	Favorevoli	$\gamma_{O,fav}$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Variabili	Sfavorevoli	$\gamma_{O,sfav}$	1.00	1.50	1.50	1.50	1.30	1.00	1.00	1.00
Variabili da traffico	Favorevoli	$\gamma_{QT,fav}$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Variabili da traffico	Sfavorevoli	$\gamma_{QT,sfav}$	1.00	1.50	1.45	1.45	1.25	1.00	1.00	1.00

Coeff. parziali per i parametri geotecnici del terreno

Parametro		Combinazioni statiche		Combinazioni sismiche	
		M1	M2	M1	M2
Tangente dell'angolo di attrito	$\gamma_{tan(\phi')}$	1.00	1.25	1.00	1.00
Coesione efficace	$\gamma_{c'}$	1.00	1.25	1.00	1.00
Resistenza non drenata	γ_{cu}	1.00	1.40	1.00	1.00
Peso nell'unita di volume	γ_{γ}	1.00	1.00	1.00	1.00

Coeff. parziali γ_R per le verifiche agli stati limite ultimi STR e GEO

Verifica	Combinazioni statiche			Combinazioni sismiche		
	R1	R2	R3	R1	R2	R3
Capacità portante	--	--	1.40	--	--	1.20
Scorrimento	--	--	1.10	--	--	1.00
Resistenza terreno a valle	--	--	1.40	--	--	1.20
Ribaltameno	--	--	1.15	--	--	1.00
Stabilità fronte di scavo	--	1.10	--	--	1.20	--

Carichi verticali. Coeff. parziali γ_R da applicare alle resistenze caratteristiche

Resistenza		Pali infissi			Pali trivellati			Pali ad elica continua		
		R1	R2	R3	R1	R2	R3	R1	R2	R3
Punta	γ_b	--	--	1.15	--	--	1.35	--	--	1.30
Laterale compressione	γ_s	--	--	1.15	--	--	1.15	--	--	1.15
Totale compressione	γ_t	--	--	1.15	--	--	1.30	--	--	1.25
Laterale trazione	γ_{st}	--	--	1.25	--	--	1.25	--	--	1.25

Carichi trasversali. Coeff. parziali γ_R da applicare alle resistenze caratteristiche

		R1	R2	R3
Trasversale	γ_t	--	--	1.30

Coefficienti di riduzione ζ per la determinazione della resistenza caratteristica dei pali
Numero di verticali indagate 3
ζ_3=1.60 ζ_4=1.48

Descrizione combinazioni di carico

Con riferimento alle azioni elementari prima determinate, si sono considerate le seguenti combinazioni di carico:
- Combinazione fondamentale, impiegata per gli stati limite ultimi (SLU):

$$\gamma_{G1}\, G_1 + \gamma_{G2}\, G_2 + \gamma_{Q1}\, Q_{k1} + \gamma_{Q2}\, Q_{k2} + \gamma_{Q3}\, Q_{k3} + \ldots$$

- Combinazione caratteristica, cosiddetta rara, impiegata per gli stati limite di esercizio (SLE) irreversibili:

$$G_1 + G_2 + Q_{k1} + \Psi_{0,2}\, Q_{k2} + \Psi_{0,3}\, Q_{k3} + \ldots$$

- Combinazione frequente, impiegata per gli stati limite di esercizio (SLE) reversibili:

$$G_1 + G_2 + \Psi_{1,1}\, Q_{k1} + \Psi_{2,2}\, Q_{k2} + \Psi_{2,3}\, Q_{k3} + \ldots$$

- Combinazione quasi permanente, impiegata per gli effetti di lungo periodo:

$$G_1 + G_2 + \Psi_{2,1}\, Q_{k1} + \Psi_{2,2}\, Q_{k2} + \Psi_{2,3}\, Q_{k3} + \ldots$$

- Combinazione sismica, impiegata per gli stati limite ultimi connessi all'azione sismica E:

$$E + G_1 + G_2 + \Psi_{2,1} Q_{k1} + \Psi_{2,2} Q_{k2} + \Psi_{2,3} Q_{k3} + ...$$

I valori dei coeff. $\Psi_{0,j}$, $\Psi_{1,j}$, $\Psi_{2,j}$ sono definiti nelle singole condizioni variabili par I valori dei coeff. γ_G e γ_Q, sono definiti nella tabella normativa.

In particolare si sono considerate le seguenti combinazioni:

Simbologia adottata

γ Coefficiente di partecipazione della condizione

Ψ Coefficiente di combinazione della condizione

<u>Combinazione n° 1 - STR (A1-M1-R3)</u>

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.30	--	Sfavorevole
Condizione 1 strada	1.45	1.00	Sfavorevole

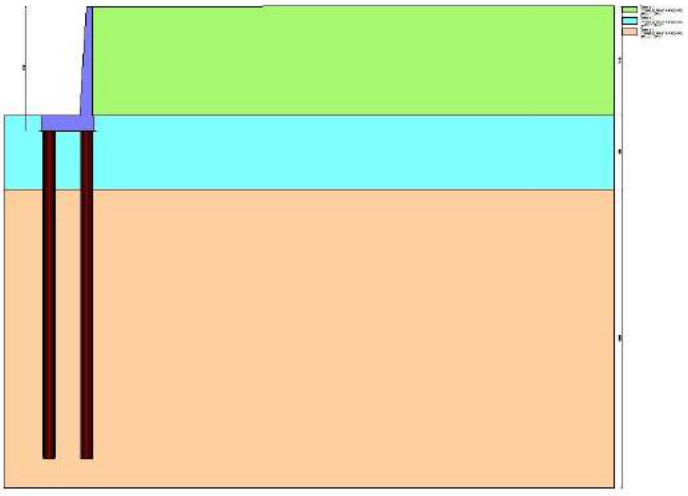

Fig. 4 -

Combinazione n° 2 - STR (A1-M1-R3) H + V

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

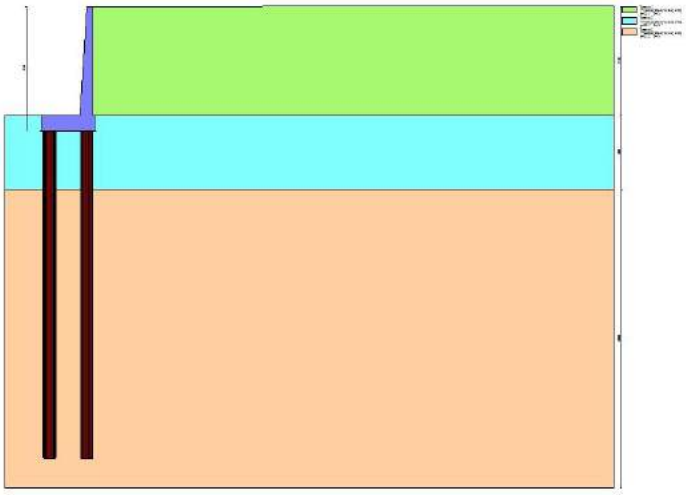

Fig. 5 - (Inviluppo)

Combinazione n° 3 - STR (A1-M1-R3) H - V

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

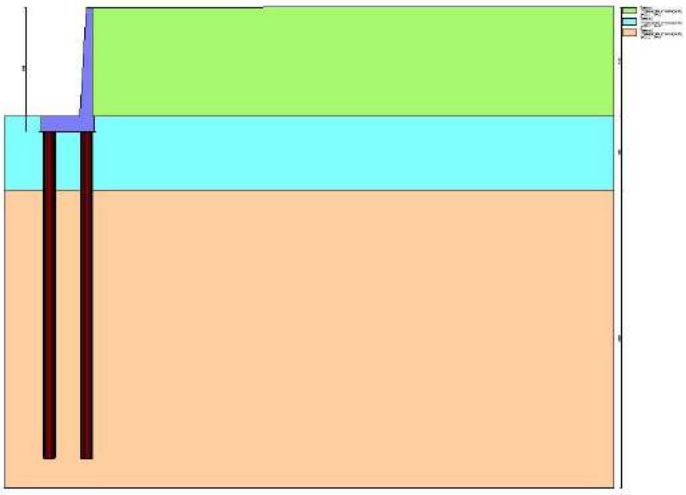

Fig. 6 - (Inviluppo)

Combinazione n° 4 - GEO (A2-M2-R2)

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.25	1.00	Sfavorevole

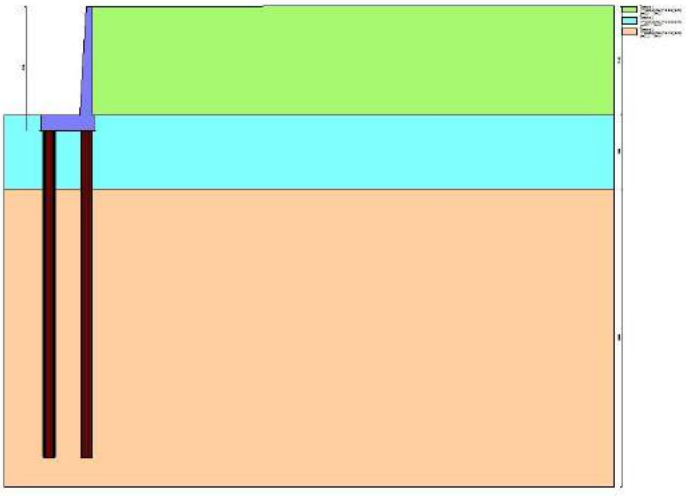

Fig. 7 - (Inviluppo)

Combinazione n° 5 - GEO (A2-M2-R2) H + V

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

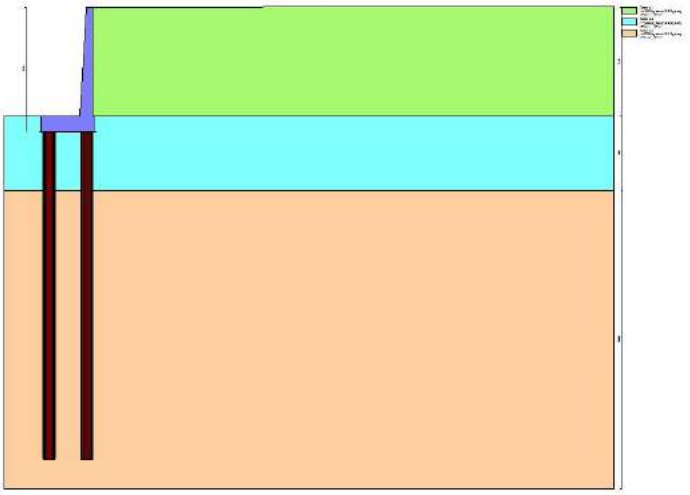

Fig. 8 - (Inviluppo)

Combinazione n° 6 - GEO (A2-M2-R2) H - V

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

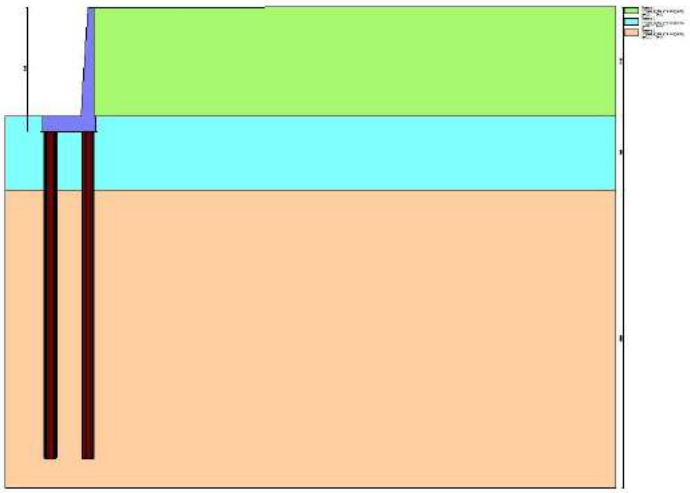

Fig. 9 - (Inviluppo)

Combinazione n° 7 - EQU (A1-M1-R3)

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.30	--	Sfavorevole
Condizione 1 strada	1.45	1.00	Sfavorevole

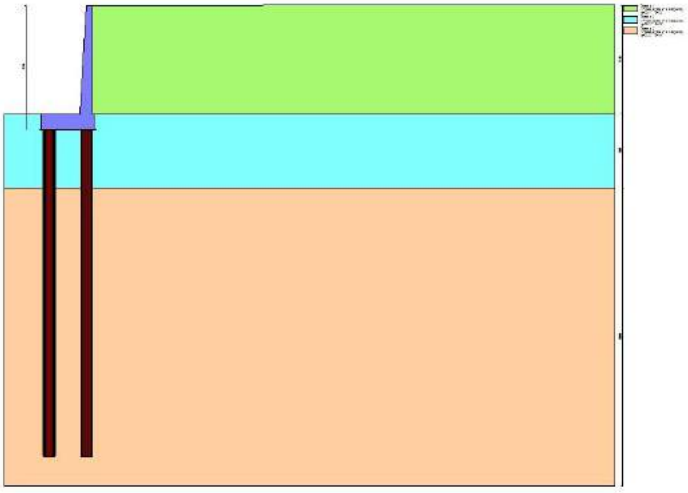

Fig. 10 - (Inviluppo)

Combinazione n° 8 - EQU (A1-M1-R3) H + V

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

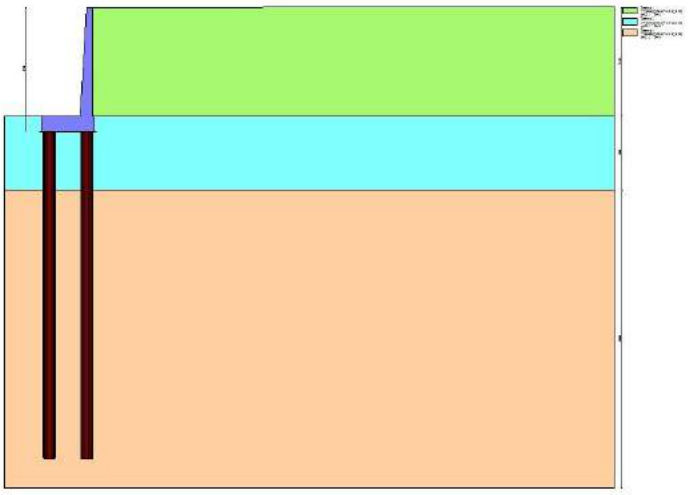

Fig. 11 - (Inviluppo)

Combinazione n° 9 - EQU (A1-M1-R3) H - V

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

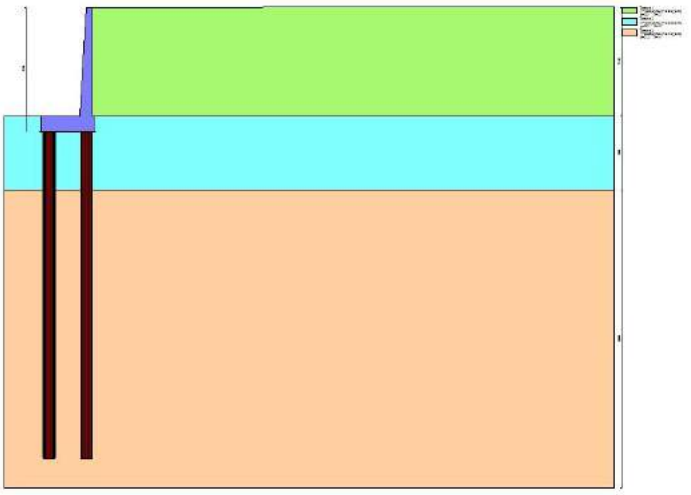

Fig. 12 - (Inviluppo)

Combinazione n° 10 - SLER

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	1.00	Sfavorevole

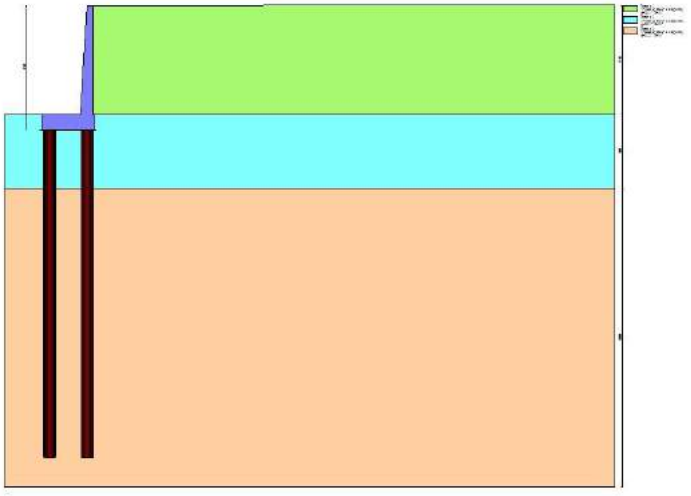

Fig. 13 - (Inviluppo)

Combinazione n° 11 - SLEF

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.50	Sfavorevole

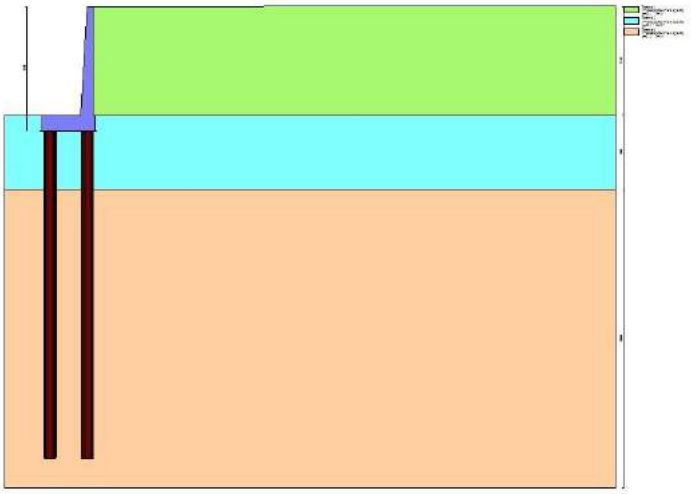

Fig. 14 - (Inviluppo)

Combinazione n° 12 - SLEQ

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

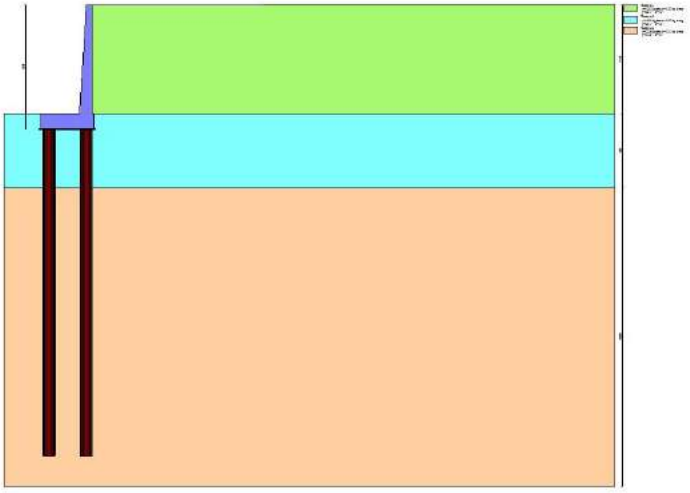

Fig. 15 - (Inviluppo)

Dati sismici

Comune	Acerenza
Provincia	Potenza
Regione	Basilicata
Latitudine	40.793128
Longitudine	15.937513
Indice punti di interpolazione	33226 - 33448 - 33449 - 33227
Vita nominale	50 anni
Classe d'uso	III
Tipo costruzione	2 - Prestazioni ordinarie
Periodo di riferimento	75 anni

	Simbolo	U.M.		SLU	SLE
Accelerazione al suolo *(Amax= a_g/g x g)*	a_g	[m/s^2]		2.874	1.982
Accelerazione al suolo *(Amax - da pag.14-Risposta sismica locale)*	a_g/g	[%]		0.293	0.202
Massimo fattore amplificazione spettro orizzontale *(da pag.14-Risposta sismica locale)*	F0			2.615	2.478
Periodo inizio tratto spettro a velocità costante	Tc*			0.441	0.322
Tipo di sottosuolo - Coefficiente stratigrafico - *(già considerato in Amax)*	Ss		A	1.000	1.000
Categoria topografica - Coefficiente amplificazione topografica- - *(già considerato in Amax)*	St		T1	1.000	
Coeff. di riduzione (par. 7.11.6.2.1)	β_m			1.000	1.000
Coeff. di riduzione verifica a ribaltamento	β_m			0.000	0.000
Coeff. di intensità sismica orizzontale	k_h	[%]		29.300	20.200
Coeff. di intensità sismica verticale	k_v=0.50 k_h	[%]		14.650	10.100

Forma diagramma incremento sismico **Stessa forma del diagramma statico**

Opzioni di calcolo

Spinta

Metodo di calcolo della spinta Culmann
Tipo di spinta Spinta attiva
Terreno a bassa permeabilità NO
Superficie di spinta limitata NO

Stabilità globale

Metodo di calcolo della stabilità globale Bishop

Altro

Partecipazione spinta passiva terreno antistante 0.00
Partecipazione resistenza passiva dente di fondazione 50.00
Componente verticale della spinta nel calcolo delle sollecitazioni NO
Considera terreno sulla fondazione di valle NO
Considera spinta e peso acqua fondazione di valle NO

Spostamenti

Modello a blocchi
Non è stato richiesto il calcolo degli spostamenti
Spostamento limite 5.00 [cm]

Opzioni calcolo pali

Portanza verticale

Metodo di calcolo della portanza alla punta Berezantzev
Metodo di calcolo della portanza alla laterale Integrazione delle tensioni tangenziali (ks σ_v tan(δ)+ca)
Correzione angolo di attrito in funzione del tipo di palo (infisso/trivellato) Attiva
Andamento pressione verticale nel calcolo della portanza alla punta σ_v con la profondità Pressione geostatica
Andamento pressione verticale nel calcolo della portanza laterale Pressione geostatica

Portanza trasversale

Criterio rottura palo-terreno
- Spostamento limite Non attivo
- Pressione limite Pressione passiva con moltiplicatore M=3.00
- Palo infinitamente elastico Non attivo

Cedimenti

Metodo di calcolo Metodo agli elementi finiti
Spostamento limite alla punta 1.00 [cm]

Spostamento limite laterale 0.50 [cm]

Specifiche per le verifiche nelle combinazioni allo Stato Limite Ultimo (SLU)

	SLU	Eccezionale
Coefficiente di sicurezza calcestruzzo a compressione	1.50	1.00
Coefficiente di sicurezza acciaio	1.15	1.00
Fattore di riduzione da resistenza cubica a cilindrica	0.83	0.83
Fattore di riduzione per carichi di lungo periodo	0.85	0.85
Coefficiente di sicurezza per la sezione	1.00	1.00

Specifiche per le verifiche nelle combinazioni allo Stato Limite di Esercizio (SLE)

Paramento e fondazione muro

Condizioni ambientali Ordinarie

Armatura ad aderenza migliorata SI

Verifica a fessurazione

Sensibilità armatura Poco sensibile

Metodo di calcolo aperture delle fessure Circ. Min. 252 (15/10/96) - NTC 2008 I Formulazione

Valori limite aperture delle fessure:

w_1=0.20

w_2=0.30

w_3=0.40

Verifica delle tensioni

Valori limite delle tensioni nei materiali:

Combinazione	Calcestruzzo	Acciaio
Rara	0.60 f_{ck}	0.80 f_{yk}
Frequente	1.00 f_{ck}	1.00 f_{yk}
Quasi permanente	0.45 f_{ck}	1.00 f_{yk}

Risultati per combinazione

Spinta e forze

Simbologia adottata
Ic Indice della combinazione
A Tipo azione
I Inclinazione della spinta, espressa in [°]
V Valore dell'azione, espressa in [kg]
C_X, C_Y Componente in direzione X ed Y dell'azione, espressa in [kg]
P_X, P_Y Coordinata X ed Y del punto di applicazione dell'azione, espressa in [m]

Ic	A	V	I	C_X	C_Y	P_X	P_Y
		[kg]	*[°]*	*[kg]*	*[kg]*	*[m]*	*[m]*
1	Spinta statica	25796	13.40	25094	5978	0.10	-5.59
	Peso/Inerzia muro			0	20240/0	-0.92	-5.71
	Peso/Inerzia terrapieno			0	1495/0	0.05	-3.65
2	Spinta statica	11632	13.40	11316	2696	0.10	-6.41
	Incremento di spinta sismica		18107	17614	4196	0.10	-5.53
	Peso/Inerzia muro			5930	20240/2965	-0.92	-5.71
	Peso/Inerzia terrapieno			392	1339/196	0.05	-3.65
3	Spinta statica	11632	13.40	11316	2696	0.10	-6.41
	Incremento di spinta sismica		10883	10587	2522	0.10	-5.53
	Peso/Inerzia muro			5930	20240/-2965	-0.92	-5.71
	Peso/Inerzia terrapieno			392	1339/-196	0.05	-3.65
10	Spinta statica	15370	13.40	14952	3562	0.10	-5.88
	Peso/Inerzia muro			0	20240/0	-0.92	-5.71
	Peso/Inerzia terrapieno			0	1439/0	0.05	-3.65
11	Spinta statica	12842	13.40	12493	2976	0.10	-6.21
	Peso/Inerzia muro			0	20240/0	-0.92	-5.71
	Peso/Inerzia terrapieno			0	1377/0	0.05	-3.65
12	Spinta statica	11632	13.40	11316	2696	0.10	-6.41
	Peso/Inerzia muro			0	20240/0	-0.92	-5.71
	Peso/Inerzia terrapieno			0	1339/0	0.05	-3.65

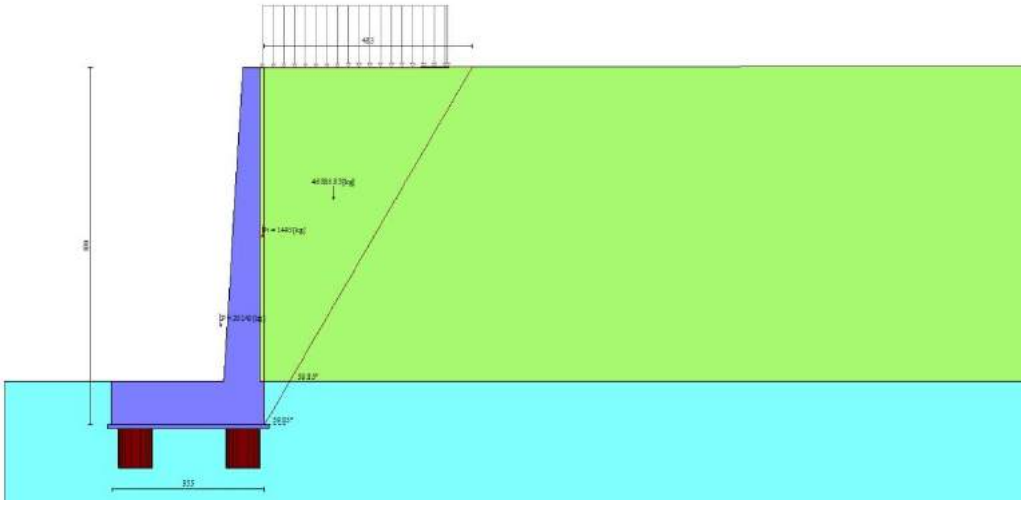

Fig. 16 - Cuneo di spinta (combinazione statica) (Combinazione n° 1)

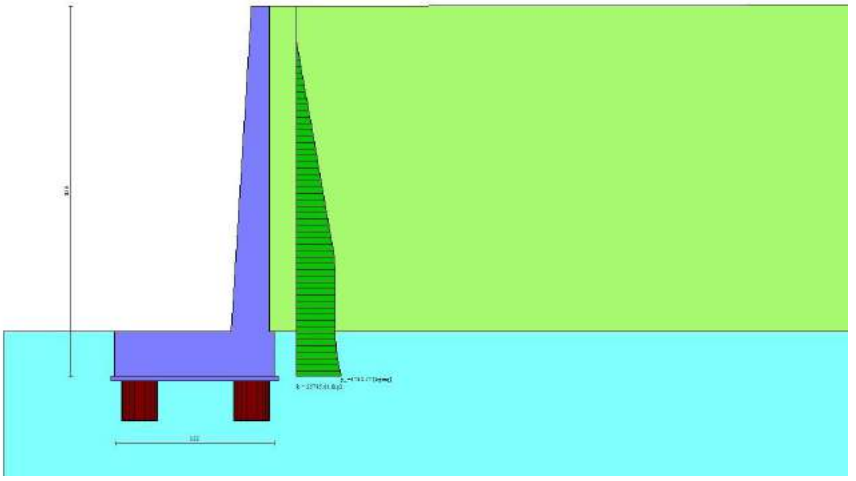

Fig. 17 - Diagramma delle pressioni (combinazione statica) (Combinazione n° 1)

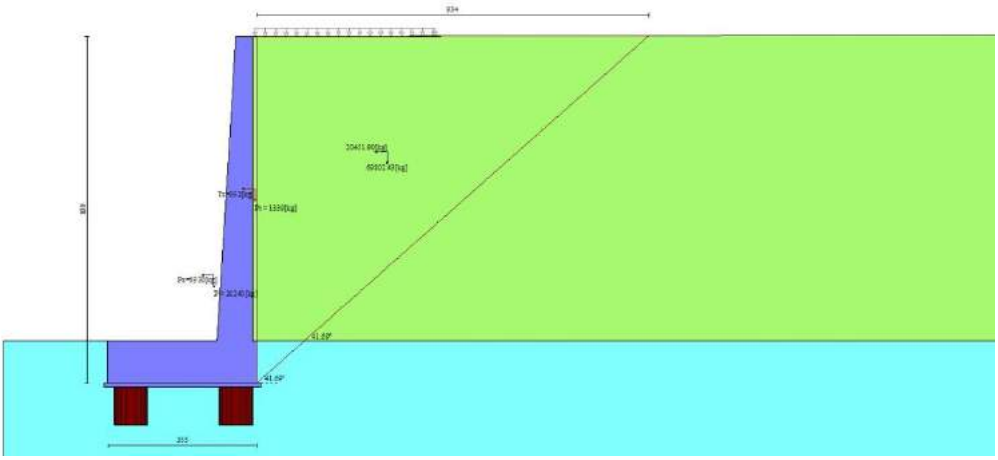

Fig. 18 - Cuneo di spinta (combinazione sismica) (Combinazione n° 2)

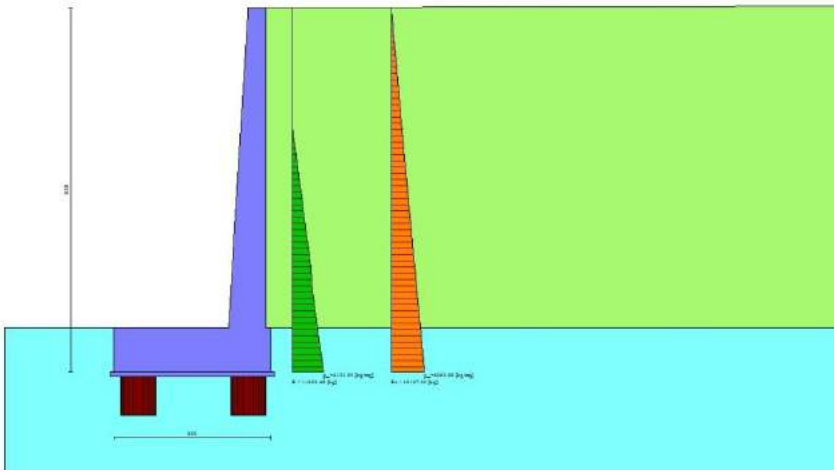

Fig. 19 - Diagramma delle pressioni (combinazione sismica) (Combinazione n° 2)

Scarichi in testa ai pali

Simbologia adottata
Cmb Indice/Tipo combinazione
Ip Indice palo
N Sforzo normale, espresso in [kg]
M Momento, espresso in [kgm]
T Taglio, espresso in [kg]

Cmb	Ip	N	M	T
		[kg]	*[kgm]*	*[kg]*
1 - STR (A1-M1-R3)	1	-75811	-88588	-28356
	2	138444	-88588	-28356
2 - STR (A1-M1-R3) H + V	1	-114169	-124551	-39836
	2	185659	-124551	-39836
3 - STR (A1-M1-R3) H - V	1	-92997	-99775	-31895
	2	146414	-99775	-31895
10 - SLER	1	-26274	-54282	-16896
	2	83319	-54282	-16896
11 - SLEF	1	-12584	-46251	-14117
	2	68164	-46251	-14117
12 - SLEQ	1	-6094	-42398	-12787
	2	60956	-42398	-12787

Verifiche geotecniche

Quadro riassuntivo coeff. di sicurezza calcolati

Simbologia adottata

Cmb Indice/Tipo combinazione

S Sisma (H: componente orizzontale, V: componente verticale)

FS_{SCO} Coeff. di sicurezza allo scorrimento

FS_{RIB} Coeff. di sicurezza al ribaltamento

FS_{QLIM} Coeff. di sicurezza a carico limite

FS_{STAB} Coeff. di sicurezza a stabilità globale

FS_{HYD} Coeff. di sicurezza a sifonamento

FS_{UPL} Coeff. di sicurezza a sollevamento

Cmb	Sismica	FS_{SCO}	FS_{RIB}	FS_{QLIM}	FS_{STAB}	FS_{HYD}	FS_{UPL}
1 - STR (A1-M1-R3)		1.423					
2 - STR (A1-M1-R3)	H + V	1.012					
3 - STR (A1-M1-R3)	H - V	1.263					
4 - GEO (A2-M2-R2)					3.117		
5 - GEO (A2-M2-R2)	H + V				2.005		
6 - GEO (A2-M2-R2)	H - V				1.848		
7 - EQU (A1-M1-R3)			5.055				
8 - EQU (A1-M1-R3)	H + V		4.059				
9 - EQU (A1-M1-R3)	H - V		4.474				

Verifiche portanza trasversale (scorrimento)

Simbologia adottata

Ic Indice/Tipo combinazione

Ip Indice palo

T Carico orizzontale agente alla testa del palo, espresso in [kg]

TdPortanza trasversale di progetto, espresso in [kg]

FS_O Fattore di sicurezza (Td/T)

Ic	Ip	T	Td	FS_O
		[kg]	*[kg]*	
1 - STR (A1-M1-R3)	1	-28356	40412	1.425
	2	-28356	40412	1.425
2 - STR (A1-M1-R3) H + V	1	-39836	40381	1.014
	2	-39836	40381	1.014
3 - STR (A1-M1-R3) H - V	1	-31895	40359	1.265
	2	-31895	40359	1.265

Verifiche portanza verticale

Simbologia adottata
Ic Indice/Tipo combinazione
Ip Indice palo
N Carico verticale agente alla testa del palo, espresso in [kg]
Pd Portanza di progetto, espresso in [kg]
FS_V Fattore di sicurezza (Pd/N)

Ic	Ip	N	Pd	FS_V
		[kg]	*[kg]*	
1 - STR (A1-M1-R3)	1	-75811	120804	1.593
	2	138444	227521	1.643
2 - STR (A1-M1-R3) H + V	1	-114169	120804	1.058
	2	185659	227521	1.225
3 - STR (A1-M1-R3) H - V	1	-92997	120804	1.299
	2	146414	227521	1.554

Dettagli calcolo portanza verticale

Simbologia adottata
n° Indice palo
Nc, Nq Coeff. di capacità portante
N'c, N'q Coeff. di capacità portante corretti
Zc Massima profondità andamento pressione geostatica, espressa in [m]
Pp, Pl Portanza di punta e laterale caratteristica, espresse in [kg]
A Attrito negativo, espresso in [kg]
Wp Peso palo, espresso in [kg]

n°	Nc	N'c	Nq	N'q	Zc	Pp	Pl	A	Wp
					[m]	*[kg]*	*[kg]*	*[kg]*	*[kg]*
1	36.815	36.815	13.104	13.104	--	0 0	186317 186317	0	27646
2	36.815	36.815	13.104	13.104	--	332440 332440	186317 186317	0	27646

Verifica a ribaltamento

Simbologia adottata
n° Indice combinazione
Ms Momento stabilizzante, espresso in [kgm]
Mr Momento ribaltante, espresso in [kgm]
FS Fattore di sicurezza (rapporto tra momento stabilizzante e momento ribaltante)
La verifica viene eseguita rispetto allo spigolo inferiore esterno della fondazione

n°	Ms	Mr	FS
	[kgm]	*[kgm]*	
7 - EQU (A1-M1-R3)	343610	67977	5.055
8 - EQU (A1-M1-R3) H + V	354496	87327	4.059
9 - EQU (A1-M1-R3) H - V	340368	76073	4.474

Verifica stabilità globale muro + terreno

Simbologia adottata
Ic Indice/Tipo combinazione
C Centro superficie di scorrimento, espresso in [m]
R Raggio, espresso in [m]
FS Fattore di sicurezza

Ic	C	R	FS
	[m]	*[m]*	
4 - GEO (A2-M2-R2)	-4.27; 4.80	13.82	3.117
5 - GEO (A2-M2-R2) H + V	-3.20; 4.80	24.26	2.005
6 - GEO (A2-M2-R2) H - V	-3.20; 4.80	24.26	1.848

Dettagli strisce verifiche stabilità

Simbologia adottata

Le ascisse X sono considerate positive verso monte

Le ordinate Y sono considerate positive verso l'alto

Origine in testa al muro (spigolo contro terra)

W peso della striscia espresso in [kg]

Qy carico sulla striscia espresso in [kg]

α angolo fra la base della striscia e l'orizzontale espresso in [°] (positivo antiorario)

ϕ angolo d'attrito del terreno lungo la base della striscia

c coesione del terreno lungo la base della striscia espressa in [kg/cmq]

b larghezza della striscia espressa in [m]

u pressione neutra lungo la base della striscia espressa in [kg/cmq]

Tx; Ty Resistenza al taglio fornita dai tiranti in direzione X ed Y espressa in [kg/cmq]

Combinazione n° 4 - GEO (A2-M2-R2)

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	*[kg]*	*[m]*	*[°]*	*[°]*	*[kg/cmq]*	*[kg/cmq]*	*[kg]*
1	1227	0	8.71 - 0.79	65.609	16.318	0.15	0.000	
2	3371	0	0.79	58.732	16.318	0.15	0.000	
3	5022	0	0.79	52.884	16.318	0.15	0.000	
4	6369	0	0.79	47.753	16.318	0.15	0.000	
5	7501	0	0.79	43.093	16.318	0.15	0.000	
6	8467	1136	0.79	38.767	16.318	0.15	0.000	
7	9297	2459	0.79	34.690	16.318	0.15	0.000	
8	10012	2459	0.79	30.807	16.318	0.15	0.000	
9	10626	2459	0.79	27.076	16.318	0.15	0.000	
10	11150	2459	0.79	23.465	16.318	0.15	0.000	
11	11625	2459	0.79	19.952	16.318	0.15	0.000	
12	13976	8	0.79	16.515	16.318	0.15	0.000	
13	2722	0	0.79	13.138	16.318	0.15	0.000	
14	2691	0	0.79	9.808	16.318	0.15	0.000	
15	2851	0	0.79	6.511	16.318	0.15	0.000	
16	2641	0	0.79	3.235	16.318	0.15	0.000	
17	2426	0	0.79	-0.030	16.318	0.15	0.000	
18	2394	0	0.79	-3.295	16.318	0.15	0.000	
19	2298	0	0.79	-6.571	16.318	0.15	0.000	
20	2137	0	0.79	-9.869	16.318	0.15	0.000	
21	1909	0	0.79	-13.200	16.318	0.15	0.000	
22	1613	0	0.79	-16.577	16.318	0.15	0.000	
23	1244	0	0.79	-20.015	16.318	0.15	0.000	
24	798	0	0.79	-23.531	16.318	0.15	0.000	
25	270	0	-10.96 - 0.79	-26.500	16.318	0.15	0.000	

Resistenza al taglio pali 95051 [kg]

Combinazione n° 5 - GEO (A2-M2-R2) H + V

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]
1	8812	0	20.60 - 1.79	71.817	20.100	0.19	0.000	
2	22788	0	1.79	60.769	20.100	0.19	0.000	
3	31779	0	1.79	52.914	20.100	0.19	0.000	
4	38693	0	1.79	46.331	20.100	0.19	0.000	
5	45136	0	1.79	40.477	21.200	0.11	0.000	
6	50695	0	1.79	35.103	21.200	0.11	0.000	
7	55270	0	1.79	30.065	21.200	0.11	0.000	
8	59019	0	1.79	25.275	21.200	0.11	0.000	
9	62046	0	1.79	20.668	21.200	0.11	0.000	
10	64422	842	1.79	16.198	21.200	0.11	0.000	
11	66198	897	1.79	11.828	21.200	0.11	0.000	
12	62090	411	1.79	7.527	21.200	0.11	0.000	
13	45771	0	1.79	3.269	21.200	0.11	0.000	
14	45171	0	1.79	-0.972	21.200	0.11	0.000	
15	44272	0	1.79	-5.217	21.200	0.11	0.000	
16	43346	0	1.79	-9.492	21.200	0.11	0.000	
17	41866	0	1.79	-13.821	21.200	0.11	0.000	
18	39806	0	1.79	-18.233	21.200	0.11	0.000	
19	37124	0	1.79	-22.761	21.200	0.11	0.000	
20	33762	0	1.79	-27.445	21.200	0.11	0.000	
21	29635	0	1.79	-32.339	21.200	0.11	0.000	
22	24619	0	1.79	-37.518	21.200	0.11	0.000	
23	18533	0	1.79	-43.090	21.200	0.11	0.000	
24	11997	0	1.79	-49.236	20.100	0.19	0.000	
25	4297	0	-24.24 - 1.79	-56.163	20.100	0.19	0.000	

Resistenza al taglio pali 95051 [kg]

Combinazione n° 6 - GEO (A2-M2-R2) H - V

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]
1	8812	0	20.60 - 1.79	71.817	20.100	0.19	0.000	
2	22788	0	1.79	60.769	20.100	0.19	0.000	
3	31779	0	1.79	52.914	20.100	0.19	0.000	
4	38693	0	1.79	46.331	20.100	0.19	0.000	
5	45136	0	1.79	40.477	21.200	0.11	0.000	
6	50695	0	1.79	35.103	21.200	0.11	0.000	
7	55270	0	1.79	30.065	21.200	0.11	0.000	
8	59019	0	1.79	25.275	21.200	0.11	0.000	
9	62046	0	1.79	20.668	21.200	0.11	0.000	
10	64422	842	1.79	16.198	21.200	0.11	0.000	
11	66198	897	1.79	11.828	21.200	0.11	0.000	
12	62090	411	1.79	7.527	21.200	0.11	0.000	
13	45771	0	1.79	3.269	21.200	0.11	0.000	
14	45171	0	1.79	-0.972	21.200	0.11	0.000	
15	44272	0	1.79	-5.217	21.200	0.11	0.000	
16	43346	0	1.79	-9.492	21.200	0.11	0.000	
17	41866	0	1.79	-13.821	21.200	0.11	0.000	
18	39806	0	1.79	-18.233	21.200	0.11	0.000	

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]
19	37124	0	1.79	-22.761	21.200	0.11	0.000	
20	33762	0	1.79	-27.445	21.200	0.11	0.000	
21	29635	0	1.79	-32.339	21.200	0.11	0.000	
22	24619	0	1.79	-37.518	21.200	0.11	0.000	
23	18533	0	1.79	-43.090	21.200	0.11	0.000	
24	11997	0	1.79	-49.236	20.100	0.19	0.000	
25	4297	0	-24.24 - 1.79	-56.163	20.100	0.19	0.000	

Resistenza al taglio pali 95051 [kg]

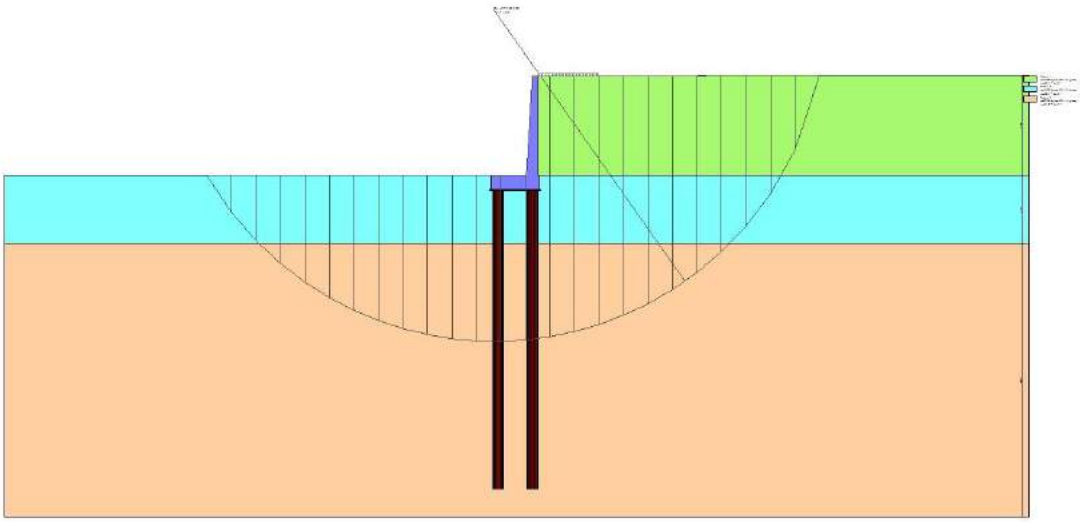

Fig. 20 - Stabilità fronte di scavo - Cerchio critico (Combinazione n° 6)

Cedimenti pali

Simbologia adottata

Ic Indice combinazione

Ip Indice palo

w Cedimento, espresso in [cm]

Ic	Ip	w
		[cm]
10	1	-0.0593
	2	0.1880
11	1	-0.0284
	2	0.1538
12	1	-0.0138
	2	0.1375

Sollecitazioni

Elementi calcolati a trave

Simbologia adottata

N Sforzo normale, espresso in [kg]. Positivo se di compressione.

T Taglio, espresso in [kg]. Positivo se diretto da monte verso valle

M Momento, espresso in [kgm]. Positivo se tende le fibre contro terra (a monte)

Elementi calcolati a piastra

Simbologia adottata

Mx, My Momenti flettenti, espresso in [kgm]

Mxy Momento torcente, espresso in [kgm]. Positivo se diretto da monte verso valle

Tx, Ty Tagli, espresso in [kg]. Positivo se tende le fibre contro terra (a monte)

I momenti flettenti sono positivi se tendono le fibre inferiori (intradosso fondazione, paramento esterno)

Paramento

Combinazione n° 1 - STR (A1-M1-R3)

n°	X	N	T	M
	[m]	*[kg]*	*[kg]*	*[kgm]*
1	0.00	0	0	0
2	-0.35	357	0	-2
3	-0.70	732	1	-8
4	-1.04	1126	45	-12
5	-1.39	1538	204	13
6	-1.74	1969	483	111
7	-2.09	2418	880	321
8	-2.43	2886	1397	685
9	-2.78	3372	2033	1245
10	-3.13	3877	2788	2041
11	-3.48	4400	3663	3114
12	-3.82	4942	4657	4508
13	-4.17	5502	5771	6261
14	-4.52	6080	7005	8417
15	-4.87	6677	8358	11015
16	-5.21	7293	9831	14099
17	-5.56	7927	11423	17709
18	-5.91	8579	13122	21885
19	-6.26	9250	14862	26654
20	-6.60	9940	16608	32022
21	-6.95	10648	18360	37990
22	-7.30	11374	20114	44560

Combinazione n° 2 - STR (A1-M1-R3) H + V

n°	X	N	T	M
	[m]	*[kg]*	*[kg]*	*[kgm]*
1	0.00	0	0	0
2	-0.35	357	134	20
3	-0.70	732	333	93
4	-1.04	1126	597	243
5	-1.39	1538	926	492
6	-1.74	1969	1320	862
7	-2.09	2418	1779	1375
8	-2.43	2886	2302	2055
9	-2.78	3372	2894	2922
10	-3.13	3877	3609	4010
11	-3.48	4400	4480	5367
12	-3.82	4942	5508	7049
13	-4.17	5502	6691	9109
14	-4.52	6080	8031	11602
15	-4.87	6677	9528	14582
16	-5.21	7293	11181	18103
17	-5.56	7927	12991	22218
18	-5.91	8579	14958	26984
19	-6.26	9250	17071	32452
20	-6.60	9940	19293	38668
21	-6.95	10648	21649	45670
22	-7.30	11374	24161	53511

Combinazione n° 3 - STR (A1-M1-R3) H - V

n°	X	N	T	M
	[m]	*[kg]*	*[kg]*	*[kgm]*
1	0.00	0	0	0
2	-0.35	357	122	18
3	-0.70	732	283	82
4	-1.04	1126	485	204
5	-1.39	1538	726	399
6	-1.74	1969	1008	681
7	-2.09	2418	1329	1063
8	-2.43	2886	1690	1558
9	-2.78	3372	2095	2181
10	-3.13	3877	2597	2954
11	-3.48	4400	3231	3920
12	-3.82	4942	3996	5122
13	-4.17	5502	4892	6608
14	-4.52	6080	5920	8422
15	-4.87	6677	7079	10609
16	-5.21	7293	8370	13217
17	-5.56	7927	9793	16289
18	-5.91	8579	11347	19871
19	-6.26	9250	13023	24009
20	-6.60	9940	14783	28738
21	-6.95	10648	16651	34088
22	-7.30	11374	18651	40103

Combinazione n° 10 - SLER

n°	X	N	T	M
	[m]	*[kg]*	*[kg]*	*[kgm]*
1	0.00	0	0	0
2	-0.35	357	0	-2
3	-0.70	732	0	-8
4	-1.04	1126	0	-18
5	-1.39	1538	0	-32
6	-1.74	1969	9	-50
7	-2.09	2418	90	-59
8	-2.43	2886	263	-28
9	-2.78	3372	527	74
10	-3.13	3877	883	278
11	-3.48	4400	1331	616
12	-3.82	4942	1870	1120
13	-4.17	5502	2500	1821
14	-4.52	6080	3223	2751
15	-4.87	6677	4037	3943
16	-5.21	7293	4944	5427
17	-5.56	7927	5942	7235
18	-5.91	8579	7030	9400
19	-6.26	9250	8174	11947
20	-6.60	9940	9324	14886
21	-6.95	10648	10476	18219
22	-7.30	11374	11628	21944

Combinazione n° 11 - SLEF

n°	X	N	T	M
	[m]	*[kg]*	*[kg]*	*[kgm]*
1	0.00	0	0	0
2	-0.35	357	0	-2
3	-0.70	732	0	-8
4	-1.04	1126	0	-18
5	-1.39	1538	0	-32
6	-1.74	1969	0	-50
7	-2.09	2418	0	-74
8	-2.43	2886	10	-101
9	-2.78	3372	91	-119
10	-3.13	3877	263	-99
11	-3.48	4400	526	-8
12	-3.82	4942	881	184
13	-4.17	5502	1328	510
14	-4.52	6080	1866	1001
15	-4.87	6677	2496	1689
16	-5.21	7293	3218	2605
17	-5.56	7927	4031	3781
18	-5.91	8579	4937	5249
19	-6.26	9250	5915	7039
20	-6.60	9940	6916	9167

n°	X	N	T	M
	[m]	*[kg]*	*[kg]*	*[kgm]*
21	-6.95	10648	7930	11638
22	-7.30	11374	8994	14460

Combinazione n° 12 - SLEQ

n°	X	N	T	M
	[m]	*[kg]*	*[kg]*	*[kgm]*
1	0.00	0	0	0
2	-0.35	357	0	-2
3	-0.70	732	0	-8
4	-1.04	1126	0	-18
5	-1.39	1538	0	-32
6	-1.74	1969	0	-50
7	-2.09	2418	0	-74
8	-2.43	2886	0	-102
9	-2.78	3372	4	-135
10	-3.13	3877	66	-164
11	-3.48	4400	219	-161
12	-3.82	4942	463	-95
13	-4.17	5502	799	66
14	-4.52	6080	1226	354
15	-4.87	6677	1745	800
16	-5.21	7293	2356	1436
17	-5.56	7927	3059	2294
18	-5.91	8579	3853	3405
19	-6.26	9250	4729	4800
20	-6.60	9940	5650	6501
21	-6.95	10648	6639	8525
22	-7.30	11374	7720	10901

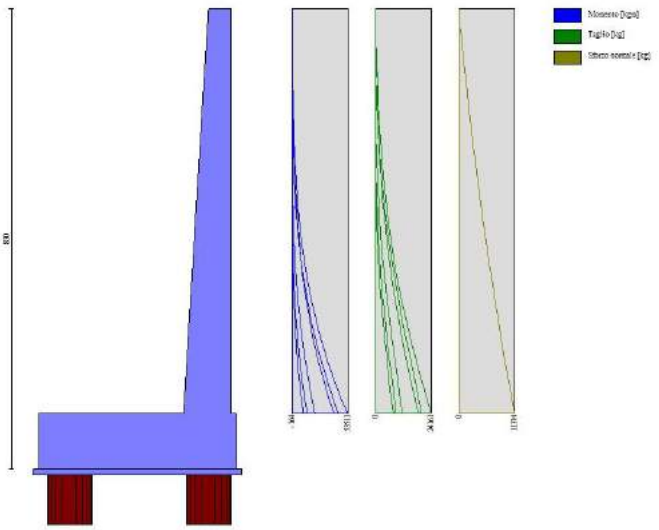

Fig. 21 - Paramento (Inviluppo)

Piastra fondazione

Combinazione n° 1 - STR (A1-M1-R3)

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
1	13	1290	-2226	-22886	17979
2	-6930	-9092	-4074	-31127	5169
3	1063	-9819	-6452	7476	3114
4	416	-3909	-1084	4379	17495
5	-19039	-4276	-10121	-30525	1674
6	-17461	-23693	-14545	1982	-7174
7	-1580	-16281	-3782	27206	-11060
8	1689	-9093	-1940	13907	2211
9	-5905	-29704	-33623	102388	-32874
10	-18389	19422	34	-4444	-23025
11	-3228	66628	-106	-6846	3847
12	-51424	-61629	-4072	3376	-128326
13	-6576	-14430	-4807	32564	-37126
14	92	-7680	-1578	15927	-31064
15	-10872	-22840	-8424	31684	-69952
16	-22177	-81711	-1178	-5980	-197027
17	-11463	-5357	9320	19253	3303
18	-13768	-25445	12801	-12058	-6238
19	-1305	-23482	27250	-97350	-23339
20	-8284	-15591	4892	-39843	-55808
21	-1615	876	-3594	10719	-57966
22	-128	3752	-3032	8868	-61071
23	-4234	-5945	-5431	8369	-80918
24	-7435	-14214	-2402	-4914	-91730
25	-2397	-2198	545	-18245	-74247
26	6541	-5500	2678	18646	5066
27	7920	-5220	4883	-12666	3353
28	2522	-9082	1772	-27953	-7974
29	-1852	-6665	1465	-37148	-27492
30	2827	6268	-1021	-19321	-45042
31	322	20227	-3039	759	-64791
32	351	20777	-2881	681	-74721
33	346	18734	-3447	-950	-68853
34	1277	18111	-2698	-5339	-71825
35	3961	19965	-2075	-9356	-65437
36	7468	22664	-1924	-9162	-54391
37	14340	1115	638	3192	3779
38	7521	-2155	128	-5427	2863
39	6164	-3497	9	-10144	-4462
40	5421	-748	-1251	-10891	-19743
41	6481	8731	-1517	-8397	-35535
42	9771	23808	-1777	-3840	-46547
43	2255	42466	-1599	-4545	-64473
44	374	39134	-2405	-3194	-70639
45	4663	41740	-2057	-5601	-65676
46	7678	41489	-2003	-5305	-65887
47	10448	41608	-2097	-5097	-62477
48	12686	41760	-2044	-3869	-56759
49	14004	41617	-1650	-1155	-52230
50	14517	1070	-1594	-13462	3711

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
51	7795	-2102	-1695	295	2800
52	6417	-3383	-2456	6941	-4455
53	5642	-623	-1651	8698	-19553
54	6663	8783	-1565	6962	-35093
55	9891	23665	-1265	3445	-45806
56	14049	41181	-1100	2041	-51164
57	4898	61990	1460	-7315	-64143
58	-689	60260	2327	-7320	-55891
59	11708	62976	564	-5974	-65867
60	15208	63092	-753	-3665	-65058
61	17257	62481	-1532	-2033	-61780
62	18395	61548	-1715	-796	-57521
63	18868	60549	-1450	391	-54112
64	18746	59714	-983	1471	-52770
65	7501	-5190	-3618	-28631	4908
66	8614	-5029	-6285	7525	3189
67	3358	-8683	-4170	24516	-7925
68	-1090	-6200	-4211	34354	-26926
69	3332	6432	-2066	17543	-43732
70	7965	22309	-1153	8111	-52200
71	12999	40496	-701	3954	-53593
72	18179	59089	-626	2030	-53432
73	25732	85773	4668	0	-64061
74	25987	86623	10343	0	-47345
75	25986	86619	1619	0	-66431
76	25722	85740	-17	0	-65216
77	25115	83718	-972	0	-61701
78	24406	81354	-1242	0	-57621
79	23786	79287	-1095	0	-54404
80	23382	77941	-774	0	-52947
81	23193	77310	-510	0	-53146
82	-10196	-5730	-9986	-28892	3069
83	-11524	-24573	-14080	7304	-6360
84	96	-22624	-28485	91851	-23281
85	-7430	-14822	-7690	37460	-54674
86	-1387	-1540	-3717	15561	-71980
87	5234	19501	-1178	6924	-62149
88	11638	39624	-653	3433	-57285
89	17503	58565	-542	1789	-54811
90	23098	76995	-436	0	-53965
91	23098	76995	-436	0	-53965
92	23098	76995	-436	0	-53965
93	23098	76995	-436	0	-53965
94	23098	76995	-436	0	-53965
95	23098	76995	-436	0	-53965
96	23098	76995	-436	0	-53965
97	23098	76995	-436	0	-53965
98	23098	76995	-436	0	-53965
99	23098	76995	-436	0	-53965
100	23098	76995	-436	0	-53965
101	-14026	19816	-344	-3099	-22540
102	47	63574	-569	-1158	2745
103	-49266	-60015	-885	-333	-125862
104	-22477	-78501	-1006	142	-193408

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
105	-6021	-13386	-1011	443	-90339
106	3838	17545	-933	721	-67479
107	10906	38943	-799	956	-58845
108	17095	58047	-682	937	-55242
109	22952	76508	-522	0	-54138
110	22952	76508	-522	0	-54138
111	22952	76508	-522	0	-54138
112	22952	76508	-522	0	-54138
113	22952	76508	-522	0	-54138
114	22952	76508	-522	0	-54138
115	22952	76508	-522	0	-54138
116	22952	76508	-522	0	-54138
117	22952	76508	-522	0	-54138
118	22952	76508	-522	0	-54138
119	22952	76508	-522	0	-54138
120	22952	76508	-522	0	-54138
121	22952	76508	-522	0	-54138
122	-10311	-5728	9299	22652	3108
123	-11639	-24578	12946	-9677	-6276
124	-37	-22656	26721	-92590	-23087
125	-7604	-14934	5684	-37262	-54333
126	-1610	-1795	1695	-14763	-71470
127	4958	19035	-695	-5561	-61476
128	11309	38885	-958	-1578	-56483
129	17122	57508	-837	63	-53934
130	22689	75629	-620	0	-53065
131	22689	75629	-620	0	-53065
132	22689	75629	-620	0	-53065
133	22689	75629	-620	0	-53065
134	22689	75629	-620	0	-53065
135	22689	75629	-620	0	-53065
136	22689	75629	-620	0	-53065
137	22689	75629	-620	0	-53065
138	22689	75629	-620	0	-53065
139	22689	75629	-620	0	-53065
140	22689	75629	-620	0	-53065
141	22689	75629	-620	0	-53065
142	22689	75629	-620	0	-53065
143	22689	75629	-620	0	-53065
144	22689	75629	-620	0	-53065
145	7313	-5188	2938	22286	4973
146	8434	-5032	5166	-10062	3339
147	3143	-8732	2428	-25474	-7559
148	-1387	-6398	2223	-34419	-26256
149	2933	5955	46	-17023	-42704
150	7456	21407	-739	-7002	-50819
151	12374	39034	-942	-2286	-51923
152	17433	56969	-794	-260	-51583
153	22360	74534	-580	0	-51239
154	22360	74534	-580	0	-51239
155	22360	74534	-580	0	-51239
156	22360	74534	-580	0	-51239
157	-34	-113	16	0	-1043
158	-29	-98	-18	0	-988

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
159	-29	-95	5	0	-966
160	-30	-100	0	0	-996
161	-30	-99	0	0	-991
162	-30	-99	0	0	-992
163	-30	-99	0	0	-992
164	-30	-99	0	0	-992
165	-30	-99	0	0	-992
166	-30	-99	0	0	-992
167	-30	-99	0	0	-992
168	-30	-99	0	0	-992
169	-30	-99	0	0	-992
170	14342	1085	926	7013	3777
171	7650	-2087	612	-3090	2979
172	6222	-3414	762	-8273	-3963
173	5322	-848	-300	-9228	-18579
174	6188	8153	-450	-6940	-33533
175	9246	22390	-652	-2813	-43651
176	13208	39034	-591	-748	-48493
177	17678	56523	-492	109	-49755
178	22101	73669	-359	0	-49813
179	22101	73669	-359	0	-49813
180	22101	73669	-359	0	-49813
181	22101	73669	-359	0	-49813
182	-30	-99	0	0	-992
183	5	3	-6	13	-983
184	28	0	15	22	-1043
185	-6	-1	5	-1	-966
186	3	1	0	-3	-996
187	0	0	0	1	-991
188	0	0	0	0	-992
189	0	0	0	0	-992
190	0	0	0	0	-992
191	0	0	0	0	-992
192	0	0	0	0	-992
193	0	0	0	0	-992
194	0	0	0	0	-992
195	0	0	0	0	-992
196	0	0	0	0	-992
197	14260	1084	-1246	-9618	3793
198	7565	-2095	-1150	2295	3008
199	6135	-3437	-1600	8266	-3909
200	5234	-899	-644	9676	-18503
201	6098	8065	-478	7647	-33438
202	9154	22258	-179	3717	-43543
203	13116	38854	-95	1770	-48379
204	17588	56293	-71	787	-49642
205	22020	73401	-64	0	-49702
206	22020	73401	-64	0	-49702
207	22020	73401	-64	0	-49702
208	22020	73401	-64	0	-49702
209	-30	-99	0	0	-992
210	0	0	0	0	-992
211	7076	-5190	-3263	-24979	5021
212	8185	-5054	-5711	9207	3426

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
213	2889	-8798	-3277	25416	-7398
214	-1647	-6548	-3179	34821	-26026
215	2667	5694	-991	17693	-42412
216	7185	21012	-111	7882	-50484
217	12101	38492	237	3303	-51566
218	17161	56274	210	1166	-51228
219	22115	73717	139	0	-50890
220	22115	73717	139	0	-50890
221	22115	73717	139	0	-50890
222	22115	73717	139	0	-50890
223	-30	-99	0	0	-992
224	0	0	0	0	-992
225	-10679	-5731	-9633	-25514	3185
226	-12026	-24611	-13503	8700	-6135
227	-433	-22760	-27586	92425	-22820
228	-8015	-15173	-6663	37566	-53943
229	-2038	-2219	-2669	15351	-70966
230	4516	18384	-190	6387	-60885
231	10855	37977	213	2578	-55846
232	16665	56330	213	861	-53289
233	22269	74228	146	0	-52426
234	22269	74228	146	0	-52426
235	22269	74228	146	0	-52426
236	22269	74228	146	0	-52426
237	-30	-99	0	0	-992
238	0	0	0	0	-992
239	-14483	19813	0	0	-22439
240	-431	63534	0	0	2934
241	-49762	-60144	0	0	-125492
242	-23004	-78811	0	0	-192850
243	-6583	-13953	0	0	-89596
244	3241	16649	0	0	-66585
245	10280	37665	0	0	-57857
246	16448	56358	0	0	-54223
247	22340	74465	0	0	-53118
248	22340	74465	0	0	-53118
249	22340	74465	0	0	-53118
250	22340	74465	0	0	-53118
251	-30	-99	0	0	-992
252	0	0	0	0	-992
253	-10679	-5731	9633	25514	3185
254	-12026	-24611	13503	-8700	-6135
255	-433	-22760	27586	-92425	-22820
256	-8015	-15173	6663	-37566	-53943
257	-2038	-2219	2669	-15351	-70966
258	4516	18384	190	-6387	-60885
259	10855	37977	-213	-2578	-55846
260	16665	56330	-213	-861	-53289
261	22269	74228	-146	0	-52426
262	22269	74228	-146	0	-52426
263	22269	74228	-146	0	-52426
264	22269	74228	-146	0	-52426
265	-30	-99	0	0	-992
266	0	0	0	0	-992

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
267	7076	-5190	3263	24979	5021
268	8185	-5054	5711	-9207	3426
269	2889	-8798	3277	-25416	-7398
270	-1647	-6548	3179	-34821	-26026
271	2667	5694	991	-17693	-42412
272	7185	21012	111	-7882	-50484
273	12101	38492	-237	-3303	-51566
274	17161	56274	-210	-1166	-51228
275	22115	73717	-139	0	-50890
276	22115	73717	-139	0	-50890
277	22115	73717	-139	0	-50890
278	22115	73717	-139	0	-50890
279	-30	-99	0	0	-992
280	0	0	0	0	-992
281	14260	1084	1246	9618	3793
282	7565	-2095	1150	-2295	3008
283	6135	-3437	1600	-8266	-3909
284	5234	-899	644	-9676	-18503
285	6098	8065	478	-7647	-33438
286	9154	22258	179	-3717	-43543
287	13116	38854	95	-1770	-48379
288	17588	56293	71	-787	-49642
289	22020	73401	64	0	-49702
290	22020	73401	64	0	-49702
291	22020	73401	64	0	-49702
292	22020	73401	64	0	-49702
293	-30	-99	0	0	-992
294	0	0	0	0	-992
295	14342	1085	-926	-7013	3777
296	7650	-2087	-612	3090	2979
297	6222	-3414	-762	8273	-3963
298	5322	-848	300	9228	-18579
299	6188	8153	450	6940	-33533
300	9246	22390	652	2813	-43651
301	13208	39034	591	748	-48493
302	17678	56523	492	-109	-49755
303	22101	73669	359	0	-49813
304	22101	73669	359	0	-49813
305	22101	73669	359	0	-49813
306	22101	73669	359	0	-49813
307	-30	-99	0	0	-992
308	0	0	0	0	-992
309	7313	-5188	-2938	-22286	4973
310	8434	-5032	-5166	10062	3339
311	3143	-8732	-2428	25474	-7559
312	-1387	-6398	-2223	34419	-26256
313	2933	5955	-46	17023	-42704
314	7456	21407	739	7002	-50819
315	12374	39034	942	2286	-51923
316	17433	56969	794	260	-51583
317	22360	74534	580	0	-51239
318	22360	74534	580	0	-51239
319	22360	74534	580	0	-51239
320	22360	74534	580	0	-51239

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
321	-30	-99	0	0	-992
322	0	0	0	0	-992
323	-10311	-5728	-9299	-22652	3108
324	-11639	-24578	-12946	9677	-6276
325	-37	-22656	-26721	92590	-23087
326	-7604	-14934	-5684	37262	-54333
327	-1610	-1795	-1695	14763	-71470
328	4958	19035	695	5561	-61476
329	11309	38885	958	1578	-56483
330	17122	57508	837	-63	-53934
331	22689	75629	620	0	-53065
332	22689	75629	620	0	-53065
333	22689	75629	620	0	-53065
334	22689	75629	620	0	-53065
335	-30	-99	0	0	-992
336	0	0	0	0	-992
337	-14026	19816	344	3099	-22540
338	47	63574	569	1158	2745
339	-49266	-60015	885	333	-125862
340	-22477	-78501	1006	-142	-193408
341	-6021	-13386	1011	-443	-90339
342	3838	17545	933	-721	-67479
343	10906	38943	799	-956	-58845
344	17095	58047	682	-937	-55242
345	22952	76508	522	0	-54138
346	22952	76508	522	0	-54138
347	22952	76508	522	0	-54138
348	22952	76508	522	0	-54138
349	-30	-99	0	0	-992
350	0	0	0	0	-992
351	-10196	-5730	9986	28892	3069
352	-11524	-24573	14080	-7304	-6360
353	96	-22624	28485	-91851	-23281
354	-7430	-14822	7690	-37460	-54674
355	-1387	-1540	3717	-15561	-71980
356	5234	19501	1178	-6924	-62149
357	11638	39624	653	-3433	-57285
358	17503	58565	542	-1789	-54811
359	23098	76995	436	0	-53965
360	23098	76995	436	0	-53965
361	23098	76995	436	0	-53965
362	23098	76995	436	0	-53965
363	-30	-99	0	0	-992
364	0	0	0	0	-992
365	7501	-5190	3618	28631	4908
366	8614	-5029	6285	-7525	3189
367	3358	-8683	4170	-24516	-7925
368	-1090	-6200	4211	-34354	-26926
369	3332	6432	2066	-17543	-43732
370	7965	22309	1153	-8111	-52200
371	12999	40496	701	-3954	-53593
372	18179	59089	626	-2030	-53432
373	23193	77310	510	0	-53146
374	23193	77310	510	0	-53146

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
375	23193	77310	510	0	-53146
376	23193	77310	510	0	-53146
377	-30	-99	0	0	-992
378	0	0	0	0	-992
379	14517	1070	1594	13462	3711
380	7795	-2102	1695	-295	2800
381	6417	-3383	2456	-6941	-4455
382	5642	-623	1651	-8698	-19553
383	6663	8783	1565	-6962	-35093
384	9891	23665	1265	-3445	-45806
385	14049	41181	1100	-2041	-51164
386	18746	59714	983	-1471	-52770
387	23382	77941	774	0	-52947
388	23382	77941	774	0	-52947
389	23382	77941	774	0	-52947
390	23382	77941	774	0	-52947
391	-30	-99	0	0	-992
392	0	0	0	0	-992
393	14340	1115	-638	-3192	3779
394	7521	-2155	-128	5427	2863
395	6164	-3497	-9	10144	-4462
396	5421	-748	1251	10891	-19743
397	6481	8731	1517	8397	-35535
398	9771	23808	1777	3840	-46547
399	14004	41617	1650	1155	-52230
400	18868	60549	1450	-391	-54112
401	23786	79287	1095	0	-54404
402	23786	79287	1095	0	-54404
403	23786	79287	1095	0	-54404
404	23786	79287	1095	0	-54404
405	-30	-99	0	0	-992
406	0	0	0	0	-992
407	6541	-5500	-2678	-18646	5066
408	7920	-5220	-4883	12666	3353
409	2522	-9082	-1772	27953	-7974
410	-1852	-6665	-1465	37148	-27492
411	2827	6268	1021	19321	-45042
412	7468	22664	1924	9162	-54391
413	12686	41760	2044	3869	-56759
414	18395	61548	1715	796	-57521
415	24406	81354	1242	0	-57621
416	24406	81354	1242	0	-57621
417	24406	81354	1242	0	-57621
418	24406	81354	1242	0	-57621
419	-30	-99	0	0	-992
420	0	0	0	0	-992
421	-11463	-5357	-9320	-19253	3303
422	-13768	-25445	-12801	12058	-6238
423	-1305	-23482	-27250	97350	-23339
424	-8284	-15591	-4892	39843	-55808
425	-2397	-2198	-545	18245	-74247
426	3961	19965	2075	9356	-65437
427	10448	41608	2097	5097	-62477
428	17257	62481	1532	2033	-61780

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
429	25115	83718	972	0	-61701
430	25115	83718	972	0	-61701
431	25115	83718	972	0	-61701
432	25115	83718	972	0	-61701
433	-30	-99	0	0	-991
434	0	0	0	-1	-991
435	-18389	19422	-34	4444	-23025
436	-3228	66628	106	6846	3847
437	-51424	-61629	4072	-3376	-128326
438	-22177	-81711	1178	5980	-197027
439	-7435	-14214	2402	4914	-91730
440	1277	18111	2698	5339	-71825
441	7678	41489	2003	5305	-65887
442	15208	63092	753	3665	-65058
443	25722	85740	17	0	-65216
444	25722	85740	17	0	-65216
445	25722	85740	17	0	-65216
446	25722	85740	17	0	-65216
447	-30	-100	0	0	-996
448	3	1	0	3	-996
449	-19039	-4276	10121	30525	1674
450	-17461	-23693	14545	-1982	-7174
451	-5905	-29704	33623	-102388	-32874
452	-10872	-22840	8424	-31684	-69952
453	-4234	-5945	5431	-8369	-80918
454	346	18734	3447	950	-68853
455	4663	41740	2057	5601	-65676
456	11708	62976	-564	5974	-65867
457	25986	86619	-1619	0	-66431
458	25986	86619	-1619	0	-66431
459	25986	86619	-1619	0	-66431
460	25986	86619	-1619	0	-66431
461	-29	-95	-5	0	-966
462	-6	-1	-5	1	-966
463	-6930	-9092	4074	31127	5169
464	1063	-9819	6452	-7476	3114
465	-1580	-16281	3782	-27206	-11060
466	-6576	-14430	4807	-32564	-37126
467	-1615	876	3594	-10719	-57966
468	322	20227	3039	-759	-64791
469	2255	42466	1599	4545	-64473
470	4898	61990	-1460	7315	-64143
471	25732	85773	-4668	0	-64061
472	25732	85773	-4668	0	-64061
473	25732	85773	-4668	0	-64061
474	25732	85773	-4668	0	-64061
475	-29	-98	18	0	-988
476	5	3	6	-13	-983
477	13	1290	2226	22886	17979
478	416	-3909	1084	-4379	17495
479	1689	-9093	1940	-13907	2211
480	92	-7680	1578	-15927	-31064
481	-128	3752	3032	-8868	-61071
482	351	20777	2881	-681	-74721

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*	
483	374	39134	2405	3194	-70639	
484	-689	60260	-2327	7320	-55891	
485	25987	86623	-10343	0	-47345	
486	25987	86623	-10343	0	-47345	
487	25987	86623	-10343	0	-47345	
488	-34	-113	-16	0	-1043	
489	28	0	-15	-22	-1043	

Combinazione n° 2 - STR (A1-M1-R3) H + V

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*	
1	51	1817	-2226	-22886	25704	
2	-6930	-9092	-4074	-31127	7561	
3	1726	-9819	-6452	9165	5043	
4	611	-3909	-1084	5525	25528	
5	-19039	-4276	-10121	-30525	1674	
6	-17461	-23693	-14545	1982	-7174	
7	-1580	-16281	-3782	36732	-11060	
8	2337	-9093	-1940	18827	5101	
9	-5905	-29704	-33623	137636	-32874	
10	-18389	27176	139	-4444	-23025	
11	-3228	93544	1	-6846	3847	
12	-51424	-61629	-4072	4689	-128326	
13	-6576	-14430	-4807	44764	-37126	
14	112	-7680	-1578	21920	-31064	
15	-10872	-22840	-8424	43873	-69952	
16	-22177	-81711	-1178	-5980	-197027	
17	-11463	-5357	13139	29425	4075	
18	-13768	-25445	18045	-12058	-6238	
19	-1305	-23482	38574	-97350	-23339	
20	-8284	-15591	7312	-39843	-55808	
21	-1615	876	-3594	14990	-57966	
22	-128	3752	-3032	12351	-61071	
23	-4234	-5945	-5431	11808	-80918	
24	-7435	-14214	-2402	-4914	-91730	
25	-2397	-2198	1111	-18245	-74247	
26	9015	-5500	3865	28617	7534	
27	10786	-5220	6996	-12666	5396	
28	3113	-9082	2758	-27953	-7974	
29	-1852	-6665	2421	-37148	-27492	
30	3410	6870	-1021	-19321	-45042	
31	402	25459	-3039	1269	-64791	
32	516	26354	-2881	1089	-74721	
33	346	23312	-3447	-950	-68853	
34	1479	22434	-2698	-5339	-71825	
35	5017	25097	-2075	-9356	-65437	
36	9707	28971	-1924	-9162	-54391	
37	19486	1537	982	5884	5661	
38	9856	-2155	307	-5427	4698	
39	7899	-3497	213	-10144	-4462	
40	6815	-748	-1251	-10891	-19743	
41	8256	10310	-1517	-8397	-35535	

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
42	12777	30641	-1777	-3840	-46547
43	2991	55857	-1599	-4545	-64473
44	498	51418	-2405	-3194	-70639
45	6167	54856	-2057	-5601	-65676
46	10152	54509	-2003	-5305	-65887
47	13828	54718	-2097	-5097	-62477
48	16810	55001	-2044	-3869	-56759
49	18564	54867	-1650	-1155	-52230
50	19691	1475	-1594	-13462	5564
51	10195	-2102	-1695	295	4608
52	8208	-3383	-2456	9421	-4455
53	7079	-623	-1651	11951	-19553
54	8467	10395	-1565	9622	-35093
55	12909	30465	-1265	4770	-45806
56	18602	54297	-1100	2802	-51164
57	6555	82769	1840	-7315	-64143
58	-689	80352	3007	-7320	-55891
59	15679	84066	625	-5974	-65867
60	20360	84188	-753	-3665	-65058
61	23085	83349	-1532	-2033	-61780
62	24595	82104	-1715	-796	-57521
63	25219	80779	-1450	526	-54112
64	25043	79671	-983	1991	-52770
65	10226	-5190	-3618	-28631	7306
66	11625	-5029	-6285	9088	5160
67	4146	-8683	-4170	33018	-7925
68	-1090	-6200	-4211	47028	-26926
69	3977	7138	-2066	24168	-43732
70	10279	28545	-1153	11176	-52200
71	17160	53346	-701	5419	-53593
72	24269	78838	-626	2750	-53432
73	34661	115538	6122	0	-64061
74	34972	116573	13702	0	-47345
75	34970	116568	2061	0	-66431
76	34589	115296	-17	0	-65216
77	33754	112515	-972	0	-61701
78	32794	109314	-1242	0	-57621
79	31962	106539	-1095	0	-54404
80	31425	104751	-774	0	-52947
81	31181	103935	-510	0	-53146
82	-10196	-5730	-9986	-28892	3788
83	-11524	-24573	-14080	8507	-6360
84	96	-22624	-28485	123361	-23281
85	-7430	-14822	-7690	51459	-54674
86	-1387	-1540	-3717	21425	-71980
87	6553	24563	-1178	9524	-62149
88	15300	52124	-653	4687	-57285
89	23349	78137	-542	2412	-54811
90	31063	103545	-436	0	-53965
91	31063	103545	-436	0	-53965
92	31063	103545	-436	0	-53965
93	31063	103545	-436	0	-53965
94	31063	103545	-436	0	-53965
95	31063	103545	-436	0	-53965

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
96	31063	103545	-436	0	-53965
97	31063	103545	-436	0	-53965
98	31063	103545	-436	0	-53965
99	31063	103545	-436	0	-53965
100	31063	103545	-436	0	-53965
101	-14026	27722	-344	-3099	-22540
102	974	89283	-569	-1158	2745
103	-49266	-60015	-885	-333	-125862
104	-22477	-78501	-1006	209	-193408
105	-6021	-13386	-1011	598	-90339
106	4646	21806	-933	958	-67479
107	14302	51188	-799	1261	-58845
108	22798	77454	-682	1232	-55242
109	30876	102921	-522	0	-54138
110	30876	102921	-522	0	-54138
111	30876	102921	-522	0	-54138
112	30876	102921	-522	0	-54138
113	30876	102921	-522	0	-54138
114	30876	102921	-522	0	-54138
115	30876	102921	-522	0	-54138
116	30876	102921	-522	0	-54138
117	30876	102921	-522	0	-54138
118	30876	102921	-522	0	-54138
119	30876	102921	-522	0	-54138
120	30876	102921	-522	0	-54138
121	30876	102921	-522	0	-54138
122	-10311	-5728	13060	33569	3835
123	-11639	-24578	18175	-9677	-6276
124	-37	-22656	37720	-92590	-23087
125	-7604	-14934	8312	-37262	-54333
126	-1610	-1795	2632	-14763	-71470
127	6174	23959	-695	-5561	-61476
128	14856	51162	-958	-1578	-56483
129	22843	76758	-837	63	-53934
130	30530	101765	-620	0	-53065
131	30530	101765	-620	0	-53065
132	30530	101765	-620	0	-53065
133	30530	101765	-620	0	-53065
134	30530	101765	-620	0	-53065
135	30530	101765	-620	0	-53065
136	30530	101765	-620	0	-53065
137	30530	101765	-620	0	-53065
138	30530	101765	-620	0	-53065
139	30530	101765	-620	0	-53065
140	30530	101765	-620	0	-53065
141	30530	101765	-620	0	-53065
142	30530	101765	-620	0	-53065
143	30530	101765	-620	0	-53065
144	30530	101765	-620	0	-53065
145	9929	-5188	4182	33111	7385
146	11342	-5032	7322	-10062	5348
147	3818	-8732	3574	-25474	-7559
148	-1387	-6398	3376	-34419	-26256
149	3410	6529	297	-17023	-42704

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
150	9574	27377	-739	-7002	-50819
151	16313	51442	-942	-2286	-51923
152	23275	76069	-794	-260	-51583
153	30094	100314	-580	0	-51239
154	30094	100314	-580	0	-51239
155	30094	100314	-580	0	-51239
156	30094	100314	-580	0	-51239
157	-27	-91	16	0	-835
158	-24	-78	-14	0	-791
159	-23	-76	5	0	-774
160	-24	-80	0	0	-798
161	-24	-79	0	0	-794
162	-24	-79	0	0	-795
163	-24	-79	0	0	-794
164	-24	-79	0	0	-795
165	-24	-79	0	0	-795
166	-24	-79	0	0	-795
167	-24	-79	0	0	-795
168	-24	-79	0	0	-795
169	-24	-79	0	0	-795
170	19383	1496	1340	10661	5640
171	9935	-2087	917	-3090	4826
172	7881	-3414	1167	-8273	-3963
173	6588	-848	-300	-9228	-18579
174	7775	9596	-450	-6940	-33533
175	12002	28818	-652	-2813	-43651
176	17453	51498	-591	-748	-48493
177	23616	75496	-492	109	-49755
178	29750	99167	-359	0	-49813
179	29750	99167	-359	0	-49813
180	29750	99167	-359	0	-49813
181	29750	99167	-359	0	-49813
182	-24	-79	0	0	-795
183	5	3	-5	13	-787
184	28	0	15	22	-835
185	-5	-1	5	-1	-774
186	3	1	0	-3	-798
187	0	0	0	1	-794
188	0	0	0	0	-795
189	0	0	0	0	-794
190	0	0	0	0	-795
191	0	0	0	0	-795
192	0	0	0	0	-795
193	0	0	0	0	-795
194	0	0	0	0	-795
195	0	0	0	0	-795
196	0	0	0	0	-795
197	19272	1495	-1246	-9618	5661
198	9819	-2095	-1150	2761	4863
199	7763	-3437	-1600	11115	-3909
200	6469	-899	-644	13211	-18503
201	7654	9482	-478	10499	-33438
202	11881	28647	-179	5100	-43543
203	17332	51265	-95	2411	-48379

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
204	23498	75200	-71	1058	-49642
205	29647	98822	-64	0	-49702
206	29647	98822	-64	0	-49702
207	29647	98822	-64	0	-49702
208	29647	98822	-64	0	-49702
209	-24	-79	0	0	-795
210	0	0	0	0	-795
211	9607	-5190	-3263	-24979	7447
212	11004	-5054	-5711	11215	5459
213	3474	-8798	-3277	34154	-7398
214	-1647	-6548	-3179	47614	-26026
215	3053	6191	-991	24343	-42412
216	9212	26866	-111	10853	-50484
217	15951	50739	306	4540	-51566
218	22920	75170	288	1595	-51228
219	29778	99261	195	0	-50890
220	29778	99261	195	0	-50890
221	29778	99261	195	0	-50890
222	29778	99261	195	0	-50890
223	-24	-79	0	0	-795
224	0	0	0	0	-795
225	-10679	-5731	-9633	-25514	3935
226	-12026	-24611	-13503	10268	-6135
227	-433	-22760	-27586	124072	-22820
228	-8015	-15173	-6663	51572	-53943
229	-2038	-2219	-2669	21129	-70966
230	5582	23115	-190	8801	-60885
231	14255	49984	271	3550	-55846
232	22244	75233	288	1183	-53289
233	29987	99958	201	0	-52426
234	29987	99958	201	0	-52426
235	29987	99958	201	0	-52426
236	29987	99958	201	0	-52426
237	-24	-79	0	0	-795
238	0	0	0	0	-795
239	-14483	27717	0	0	-22439
240	315	89233	0	0	2934
241	-49762	-60144	0	0	-125492
242	-23004	-78811	0	0	-192850
243	-6583	-13953	0	0	-89596
244	3845	20644	0	0	-66585
245	13470	49530	0	0	-57857
246	21948	75264	0	0	-54223
247	30084	100279	0	0	-53118
248	30084	100279	0	0	-53118
249	30084	100279	0	0	-53118
250	30084	100279	0	0	-53118
251	-24	-79	0	0	-795
252	0	0	0	0	-795
253	-10679	-5731	13489	37209	3935
254	-12026	-24611	18891	-8700	-6135
255	-433	-22760	38836	-92425	-22820
256	-8015	-15173	9576	-37566	-53943
257	-2038	-2219	3891	-15351	-70966

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
258	5582	23115	333	-6387	-60885
259	14255	49984	-213	-2578	-55846
260	22244	75233	-213	-861	-53289
261	29987	99958	-146	0	-52426
262	29987	99958	-146	0	-52426
263	29987	99958	-146	0	-52426
264	29987	99958	-146	0	-52426
265	-24	-79	0	0	-795
266	0	0	0	0	-795
267	9607	-5190	4599	36535	7447
268	11004	-5054	8023	-9207	5459
269	3474	-8798	4666	-25416	-7398
270	-1647	-6548	4609	-34821	-26026
271	3053	6191	1516	-17693	-42412
272	9212	26866	225	-7882	-50484
273	15951	50739	-237	-3303	-51566
274	22920	75170	-210	-1166	-51228
275	29778	99261	-139	0	-50890
276	29778	99261	-139	0	-50890
277	29778	99261	-139	0	-50890
278	29778	99261	-139	0	-50890
279	-24	-79	0	0	-795
280	0	0	0	0	-795
281	19272	1495	1751	13971	5661
282	9819	-2095	1609	-2295	4863
283	7763	-3437	2245	-8266	-3909
284	6469	-899	916	-9676	-18503
285	7654	9482	686	-7647	-33438
286	11881	28647	251	-3717	-43543
287	17332	51265	121	-1770	-48379
288	23498	75200	84	-787	-49642
289	29647	98822	76	0	-49702
290	29647	98822	76	0	-49702
291	29647	98822	76	0	-49702
292	29647	98822	76	0	-49702
293	-24	-79	0	0	-795
294	0	0	0	0	-795
295	19383	1496	-926	-7013	5640
296	9935	-2087	-612	3750	4826
297	7881	-3414	-762	11094	-3963
298	6588	-848	300	12608	-18579
299	7775	9596	511	9563	-33533
300	12002	28818	822	3913	-43651
301	17453	51498	763	1076	-48493
302	23616	75496	643	-107	-49755
303	29750	99167	471	0	-49813
304	29750	99167	471	0	-49813
305	29750	99167	471	0	-49813
306	29750	99167	471	0	-49813
307	-24	-79	0	0	-795
308	0	0	0	0	-795
309	9929	-5188	-2938	-22286	7385
310	11342	-5032	-5166	12282	5348
311	3818	-8732	-2428	34199	-7559

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
312	-1387	-6398	-2223	47070	-26256
313	3410	6529	-46	23454	-42704
314	9574	27377	873	9694	-50819
315	16313	51442	1218	3209	-51923
316	23275	76069	1044	414	-51583
317	30094	100314	765	0	-51239
318	30094	100314	765	0	-51239
319	30094	100314	765	0	-51239
320	30094	100314	765	0	-51239
321	-24	-79	0	0	-795
322	0	0	0	0	-795
323	-10311	-5728	-9299	-22652	3835
324	-11639	-24578	-12946	11491	-6276
325	-37	-22656	-26721	124255	-23087
326	-7604	-14934	-5684	51153	-54333
327	-1610	-1795	-1695	20346	-71470
328	6174	23959	814	7711	-61476
329	14856	51162	1236	2237	-56483
330	22843	76758	1099	-25	-53934
331	30530	101765	816	0	-53065
332	30530	101765	816	0	-53065
333	30530	101765	816	0	-53065
334	30530	101765	816	0	-53065
335	-24	-79	0	0	-795
336	0	0	0	0	-795
337	-14026	27722	442	3943	-22540
338	974	89283	733	1456	2745
339	-49266	-60015	1141	400	-125862
340	-22477	-78501	1299	-142	-193408
341	-6021	-13386	1310	-443	-90339
342	4646	21806	1213	-721	-67479
343	14302	51188	1041	-956	-58845
344	22798	77454	891	-937	-55242
345	30876	102921	681	0	-54138
346	30876	102921	681	0	-54138
347	30876	102921	681	0	-54138
348	30876	102921	681	0	-54138
349	-24	-79	0	0	-795
350	0	0	0	0	-795
351	-10196	-5730	13942	41505	3788
352	-11524	-24573	19634	-7304	-6360
353	96	-22624	39994	-91851	-23281
354	-7430	-14822	10904	-37460	-54674
355	-1387	-1540	5253	-15561	-71980
356	6553	24563	1622	-6924	-62149
357	15300	52124	863	-3433	-57285
358	23349	78137	704	-1789	-54811
359	31063	103545	565	0	-53965
360	31063	103545	565	0	-53965
361	31063	103545	565	0	-53965
362	31063	103545	565	0	-53965
363	-24	-79	0	0	-795
364	0	0	0	0	-795
365	10226	-5190	5054	41171	7306

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
366	11625	-5029	8761	-7525	5160
367	4146	-8683	5816	-24516	-7925
368	-1090	-6200	5945	-34354	-26926
369	3977	7138	2917	-17543	-43732
370	10279	28545	1591	-8111	-52200
371	17160	53346	929	-3954	-53593
372	24269	78838	818	-2030	-53432
373	31181	103935	666	0	-53146
374	31181	103935	666	0	-53146
375	31181	103935	666	0	-53146
376	31181	103935	666	0	-53146
377	-24	-79	0	0	-795
378	0	0	0	0	-795
379	19691	1475	2195	18828	5564
380	10195	-2102	2305	-227	4608
381	8208	-3383	3344	-6941	-4455
382	7079	-623	2217	-8698	-19553
383	8467	10395	2106	-6962	-35093
384	12909	30465	1683	-3445	-45806
385	18602	54297	1456	-2041	-51164
386	25043	79671	1302	-1471	-52770
387	31425	104751	1026	0	-52947
388	31425	104751	1026	0	-52947
389	31425	104751	1026	0	-52947
390	31425	104751	1026	0	-52947
391	-24	-79	0	0	-795
392	0	0	0	0	-795
393	19486	1537	-638	-3192	5661
394	9856	-2155	-128	6716	4698
395	7899	-3497	-9	13508	-4462
396	6815	-748	1527	14777	-19743
397	8256	10310	1909	11463	-35535
398	12777	30641	2315	5234	-46547
399	18564	54867	2185	1569	-52230
400	25219	80779	1938	-391	-54112
401	31962	106539	1469	0	-54404
402	31962	106539	1469	0	-54404
403	31962	106539	1469	0	-54404
404	31962	106539	1469	0	-54404
405	-24	-79	0	0	-794
406	0	0	0	0	-794
407	9015	-5500	-2678	-18646	7534
408	10786	-5220	-4883	15579	5396
409	3113	-9082	-1772	37424	-7974
410	-1852	-6665	-1465	50669	-27492
411	3410	6870	1105	26461	-45042
412	9707	28971	2463	12514	-54391
413	16810	55001	2719	5253	-56759
414	24595	82104	2314	1066	-57521
415	32794	109314	1686	0	-57621
416	32794	109314	1686	0	-57621
417	32794	109314	1686	0	-57621
418	32794	109314	1686	0	-57621
419	-24	-79	0	0	-795

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
420	0	0	0	0	-795
421	-11463	-5357	-9320	-19253	4075
422	-13768	-25445	-12801	14498	-6238
423	-1305	-23482	-27250	130539	-23339
424	-8284	-15591	-4892	54527	-55808
425	-2397	-2198	-545	24918	-74247
426	5017	25097	2690	12708	-65437
427	13828	54718	2818	6862	-62477
428	23085	83349	2100	2697	-61780
429	33754	112515	1349	0	-61701
430	33754	112515	1349	0	-61701
431	33754	112515	1349	0	-61701
432	33754	112515	1349	0	-61701
433	-24	-79	0	0	-794
434	0	0	0	0	-794
435	-18389	27176	-34	5158	-23025
436	-3228	93544	106	8922	3847
437	-51424	-61629	5503	-3376	-128326
438	-22177	-81711	1419	7893	-197027
439	-7435	-14214	3153	6517	-91730
440	1479	22434	3632	7095	-71825
441	10152	54509	2754	7055	-65887
442	20360	84188	1101	4856	-65058
443	34589	115296	102	0	-65216
444	34589	115296	102	0	-65216
445	34589	115296	102	0	-65216
446	34589	115296	102	0	-65216
447	-24	-80	0	0	-798
448	3	1	0	3	-798
449	-19039	-4276	14084	43158	1674
450	-17461	-23693	20203	-1502	-7174
451	-5905	-29704	47102	-102388	-32874
452	-10872	-22840	11811	-31684	-69952
453	-4234	-5945	7531	-8369	-80918
454	346	23312	4739	1010	-68853
455	6167	54856	2882	7394	-65676
456	15679	84066	-564	7959	-65867
457	34970	116568	-1619	0	-66431
458	34970	116568	-1619	0	-66431
459	34970	116568	-1619	0	-66431
460	34970	116568	-1619	0	-66431
461	-23	-76	-4	0	-774
462	-5	-1	-4	1	-774
463	-6930	-9092	5661	44368	7561
464	1726	-9819	8947	-7476	5043
465	-1580	-16281	5221	-27206	-11060
466	-6576	-14430	6733	-32564	-37126
467	-1615	876	5000	-10719	-57966
468	402	25459	4203	-759	-64791
469	2991	55857	2262	5994	-64473
470	6555	82769	-1460	9801	-64143
471	34661	115538	-4668	0	-64061
472	34661	115538	-4668	0	-64061
473	34661	115538	-4668	0	-64061

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
474	34661	115538	-4668	0	-64061
475	-24	-78	18	0	-791
476	5	3	6	-11	-787
477	51	1817	3091	32683	25704
478	611	-3909	1460	-4379	25528
479	2337	-9093	2645	-13907	5101
480	112	-7680	2144	-15927	-31064
481	-128	3752	4181	-8868	-61071
482	516	26354	3964	-681	-74721
483	498	51418	3342	4213	-70639
484	-689	80352	-2327	9831	-55891
485	34972	116573	-10343	0	-47345
486	34972	116573	-10343	0	-47345
487	34972	116573	-10343	0	-47345
488	-27	-91	-13	0	-835
489	28	0	-12	-17	-835

Combinazione n° 3 - STR (A1-M1-R3) H - V

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
1	51	1817	-2226	-22886	25704
2	-6930	-9092	-4074	-31127	7561
3	1726	-9819	-6452	9165	5043
4	611	-3909	-1084	5525	25528
5	-19039	-4276	-10121	-30525	1674
6	-17461	-23693	-14545	1982	-7174
7	-1580	-16281	-3782	36732	-10292
8	2337	-9093	-1940	18827	5162
9	-5905	-29704	-33623	137636	-32874
10	-18389	27176	139	-3867	-23025
11	-2307	93544	45	-6846	3847
12	-51424	-61629	-4072	4689	-128326
13	-6576	-14430	-4807	44764	-37126
14	112	-7680	-1578	21920	-31035
15	-10872	-22840	-8424	43873	-69952
16	-22177	-81711	-1065	-5980	-197027
17	-11463	-5357	13139	29425	4075
18	-13768	-25445	18045	-10974	-6238
19	-1305	-23482	38574	-97350	-23339
20	-8284	-15591	7312	-39843	-55808
21	-1615	876	-3594	14990	-57966
22	-121	3752	-3032	12351	-61071
23	-4234	-5945	-5431	11808	-80918
24	-7435	-14214	-2402	-4914	-91730
25	-2397	-2198	1111	-18245	-74247
26	9015	-5500	3865	28617	7534
27	10786	-5220	6996	-11884	5396
28	3113	-9082	2758	-27953	-7077
29	-1852	-6665	2421	-37148	-27492
30	3410	6870	-808	-19321	-45042
31	402	25459	-3039	1269	-64791
32	516	26354	-2881	1089	-74721

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
33	346	23312	-3447	-592	-68853
34	1479	22434	-2698	-5339	-71825
35	5017	25097	-2075	-9356	-65437
36	9707	28971	-1923	-9162	-54391
37	19486	1537	982	5884	5661
38	9856	-2155	307	-5117	4698
39	7899	-3497	221	-10144	-3231
40	6815	-748	-1167	-10891	-19632
41	8256	10310	-1477	-8397	-35535
42	12777	30641	-1777	-3840	-46547
43	2991	55857	-1599	-4528	-64473
44	498	51418	-2405	-3186	-70639
45	6167	54856	-2057	-5587	-65676
46	10152	54509	-2003	-5305	-65887
47	13828	54718	-2097	-5097	-62477
48	16810	55001	-2044	-3869	-56759
49	18564	54867	-1650	-1155	-52230
50	19691	1475	-1594	-13462	5564
51	10195	-2102	-1695	295	4608
52	8208	-3383	-2456	9421	-3226
53	7079	-623	-1651	11951	-19430
54	8467	10395	-1565	9622	-35093
55	12909	30465	-1265	4770	-45806
56	18602	54297	-1100	2802	-51164
57	6555	82769	1840	-7315	-64143
58	-689	80352	3007	-7320	-55891
59	15679	84066	625	-5974	-65867
60	20360	84188	-753	-3654	-65058
61	23085	83349	-1532	-2014	-61780
62	24595	82104	-1715	-776	-57521
63	25219	80779	-1450	526	-54112
64	25043	79671	-983	1991	-52770
65	10226	-5190	-3618	-28631	7306
66	11625	-5029	-6285	9088	5160
67	4146	-8683	-4170	33018	-7024
68	-1090	-6200	-4211	47028	-26926
69	3977	7138	-2066	24168	-43732
70	10279	28545	-1153	11176	-52200
71	17160	53346	-701	5419	-53593
72	24269	78838	-626	2750	-53432
73	34661	115538	6122	0	-64061
74	34972	116573	13702	0	-47345
75	34970	116568	2061	0	-66431
76	34589	115296	-17	0	-65216
77	33754	112515	-972	0	-61701
78	32794	109314	-1242	0	-57621
79	31962	106539	-1095	0	-54404
80	31425	104751	-774	0	-52947
81	31181	103935	-510	0	-53146
82	-10196	-5730	-9986	-28892	3788
83	-11524	-24573	-14080	8507	-6360
84	96	-22624	-28485	123361	-23281
85	-7430	-14822	-7690	51459	-54674
86	-1387	-1540	-3717	21425	-71980

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
87	6553	24563	-1178	9524	-62149
88	15300	52124	-653	4687	-57285
89	23349	78137	-542	2412	-54811
90	31063	103545	-436	0	-53965
91	31063	103545	-436	0	-53965
92	31063	103545	-436	0	-53965
93	31063	103545	-436	0	-53965
94	31063	103545	-436	0	-53965
95	31063	103545	-436	0	-53965
96	31063	103545	-436	0	-53965
97	31063	103545	-436	0	-53965
98	31063	103545	-436	0	-53965
99	31063	103545	-436	0	-53965
100	31063	103545	-436	0	-53965
101	-14026	27722	-342	-3022	-22540
102	1012	89283	-568	-1101	2745
103	-49266	-60015	-885	-286	-125862
104	-22477	-78501	-1006	209	-193408
105	-6021	-13386	-1011	598	-90339
106	4646	21806	-933	958	-67479
107	14302	51188	-799	1261	-58845
108	22798	77454	-682	1232	-55242
109	30876	102921	-522	0	-54138
110	30876	102921	-522	0	-54138
111	30876	102921	-522	0	-54138
112	30876	102921	-522	0	-54138
113	30876	102921	-522	0	-54138
114	30876	102921	-522	0	-54138
115	30876	102921	-522	0	-54138
116	30876	102921	-522	0	-54138
117	30876	102921	-522	0	-54138
118	30876	102921	-522	0	-54138
119	30876	102921	-522	0	-54138
120	30876	102921	-522	0	-54138
121	30876	102921	-522	0	-54138
122	-10311	-5728	13060	33569	3835
123	-11639	-24578	18175	-8644	-6276
124	-37	-22656	37720	-92590	-23087
125	-7604	-14934	8312	-37262	-54333
126	-1610	-1795	2632	-14763	-71470
127	6174	23959	-607	-5561	-61476
128	14856	51162	-958	-1578	-56483
129	22843	76758	-837	63	-53934
130	30530	101765	-620	0	-53065
131	30530	101765	-620	0	-53065
132	30530	101765	-620	0	-53065
133	30530	101765	-620	0	-53065
134	30530	101765	-620	0	-53065
135	30530	101765	-620	0	-53065
136	30530	101765	-620	0	-53065
137	30530	101765	-620	0	-53065
138	30530	101765	-620	0	-53065
139	30530	101765	-620	0	-53065
140	30530	101765	-620	0	-53065

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
141	30530	101765	-620	0	-53065
142	30530	101765	-620	0	-53065
143	30530	101765	-620	0	-53065
144	30530	101765	-620	0	-53065
145	9929	-5188	4182	33111	7385
146	11342	-5032	7322	-9346	5348
147	3818	-8732	3574	-25474	-6662
148	-1387	-6398	3376	-34419	-26256
149	3410	6529	301	-17023	-42704
150	9574	27377	-654	-7002	-50819
151	16313	51442	-942	-2286	-51923
152	23275	76069	-794	-260	-51583
153	30094	100314	-580	0	-51239
154	30094	100314	-580	0	-51239
155	30094	100314	-580	0	-51239
156	30094	100314	-580	0	-51239
157	-27	-91	16	0	-835
158	-24	-78	-14	0	-791
159	-23	-76	5	0	-774
160	-24	-80	0	0	-798
161	-24	-79	0	0	-794
162	-24	-79	0	0	-795
163	-24	-79	0	0	-794
164	-24	-79	0	0	-795
165	-24	-79	0	0	-795
166	-24	-79	0	0	-795
167	-24	-79	0	0	-795
168	-24	-79	0	0	-795
169	-24	-79	0	0	-795
170	19383	1496	1340	10661	5640
171	9935	-2087	917	-2841	4826
172	7881	-3414	1167	-8273	-2740
173	6588	-848	-206	-9228	-18448
174	7775	9596	-375	-6940	-33533
175	12002	28818	-631	-2813	-43651
176	17453	51498	-591	-748	-48493
177	23616	75496	-492	109	-49755
178	29750	99167	-359	0	-49813
179	29750	99167	-359	0	-49813
180	29750	99167	-359	0	-49813
181	29750	99167	-359	0	-49813
182	-24	-79	0	0	-795
183	5	3	-5	13	-787
184	28	0	15	22	-835
185	-5	-1	5	-1	-774
186	3	1	0	-3	-798
187	0	0	0	1	-794
188	0	0	0	0	-795
189	0	0	0	0	-794
190	0	0	0	0	-795
191	0	0	0	0	-795
192	0	0	0	0	-795
193	0	0	0	0	-795
194	0	0	0	0	-795

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
195	0	0	0	0	-795
196	0	0	0	0	-795
197	19272	1495	-1246	-9618	5661
198	9819	-2095	-1150	2761	4863
199	7763	-3437	-1600	11115	-2686
200	6469	-899	-644	13211	-18373
201	7654	9482	-478	10499	-33438
202	11881	28647	-179	5100	-43543
203	17332	51265	-92	2411	-48379
204	23498	75200	-61	1058	-49642
205	29647	98822	-56	0	-49702
206	29647	98822	-56	0	-49702
207	29647	98822	-56	0	-49702
208	29647	98822	-56	0	-49702
209	-24	-79	0	0	-795
210	0	0	0	0	-795
211	9607	-5190	-3263	-24979	7447
212	11004	-5054	-5711	11215	5459
213	3474	-8798	-3277	34154	-6503
214	-1647	-6548	-3179	47614	-26026
215	3053	6191	-991	24343	-42412
216	9212	26866	-111	10853	-50484
217	15951	50739	306	4540	-51566
218	22920	75170	288	1595	-51228
219	29778	99261	195	0	-50890
220	29778	99261	195	0	-50890
221	29778	99261	195	0	-50890
222	29778	99261	195	0	-50890
223	-24	-79	0	0	-795
224	0	0	0	0	-795
225	-10679	-5731	-9633	-25514	3935
226	-12026	-24611	-13503	10268	-6135
227	-433	-22760	-27586	124072	-22820
228	-8015	-15173	-6663	51572	-53943
229	-2038	-2219	-2669	21129	-70966
230	5582	23115	-190	8801	-60885
231	14255	49984	271	3550	-55846
232	22244	75233	288	1183	-53289
233	29987	99958	201	0	-52426
234	29987	99958	201	0	-52426
235	29987	99958	201	0	-52426
236	29987	99958	201	0	-52426
237	-24	-79	0	0	-795
238	0	0	0	0	-795
239	-14483	27717	0	0	-22439
240	473	89233	0	0	2934
241	-49762	-60144	0	0	-125492
242	-23004	-78811	0	0	-192850
243	-6583	-13953	0	0	-89596
244	3845	20644	0	0	-66585
245	13470	49530	0	0	-57857
246	21948	75264	0	0	-54223
247	30084	100279	0	0	-53118
248	30084	100279	0	0	-53118

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
249	30084	100279	0	0	-53118
250	30084	100279	0	0	-53118
251	-24	-79	0	0	-795
252	0	0	0	0	-795
253	-10679	-5731	13489	37209	3935
254	-12026	-24611	18891	-7722	-6135
255	-433	-22760	38836	-92425	-22820
256	-8015	-15173	9576	-37566	-53943
257	-2038	-2219	3891	-15351	-70966
258	5582	23115	333	-6387	-60885
259	14255	49984	-211	-2578	-55846
260	22244	75233	-213	-861	-53289
261	29987	99958	-146	0	-52426
262	29987	99958	-146	0	-52426
263	29987	99958	-146	0	-52426
264	29987	99958	-146	0	-52426
265	-24	-79	0	0	-795
266	0	0	0	0	-795
267	9607	-5190	4599	36535	7447
268	11004	-5054	8023	-8544	5459
269	3474	-8798	4666	-25416	-6503
270	-1647	-6548	4609	-34821	-26026
271	3053	6191	1516	-17693	-42412
272	9212	26866	225	-7882	-50484
273	15951	50739	-237	-3303	-51566
274	22920	75170	-210	-1166	-51228
275	29778	99261	-139	0	-50890
276	29778	99261	-139	0	-50890
277	29778	99261	-139	0	-50890
278	29778	99261	-139	0	-50890
279	-24	-79	0	0	-795
280	0	0	0	0	-795
281	19272	1495	1751	13971	5661
282	9819	-2095	1609	-2099	4863
283	7763	-3437	2245	-8266	-2686
284	6469	-899	916	-9676	-18373
285	7654	9482	686	-7647	-33438
286	11881	28647	251	-3717	-43543
287	17332	51265	121	-1770	-48379
288	23498	75200	84	-787	-49642
289	29647	98822	76	0	-49702
290	29647	98822	76	0	-49702
291	29647	98822	76	0	-49702
292	29647	98822	76	0	-49702
293	-24	-79	0	0	-795
294	0	0	0	0	-795
295	19383	1496	-926	-7013	5640
296	9935	-2087	-612	3750	4826
297	7881	-3414	-762	11094	-2740
298	6588	-848	300	12608	-18448
299	7775	9596	511	9563	-33533
300	12002	28818	822	3913	-43651
301	17453	51498	763	1076	-48493
302	23616	75496	643	-73	-49755

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
303	29750	99167	471	0	-49813
304	29750	99167	471	0	-49813
305	29750	99167	471	0	-49813
306	29750	99167	471	0	-49813
307	-24	-79	0	0	-795
308	0	0	0	0	-795
309	9929	-5188	-2938	-22286	7385
310	11342	-5032	-5166	12282	5348
311	3818	-8732	-2428	34199	-6662
312	-1387	-6398	-2223	47070	-26256
313	3410	6529	-46	23454	-42704
314	9574	27377	873	9694	-50819
315	16313	51442	1218	3209	-51923
316	23275	76069	1044	414	-51583
317	30094	100314	765	0	-51239
318	30094	100314	765	0	-51239
319	30094	100314	765	0	-51239
320	30094	100314	765	0	-51239
321	-24	-79	0	0	-795
322	0	0	0	0	-795
323	-10311	-5728	-9299	-22652	3835
324	-11639	-24578	-12946	11491	-6276
325	-37	-22656	-26721	124255	-23087
326	-7604	-14934	-5684	51153	-54333
327	-1610	-1795	-1695	20346	-71470
328	6174	23959	814	7711	-61476
329	14856	51162	1236	2237	-56483
330	22843	76758	1099	-4	-53934
331	30530	101765	816	0	-53065
332	30530	101765	816	0	-53065
333	30530	101765	816	0	-53065
334	30530	101765	816	0	-53065
335	-24	-79	0	0	-795
336	0	0	0	0	-795
337	-14026	27722	442	3943	-22540
338	1012	89283	733	1456	2745
339	-49266	-60015	1141	400	-125862
340	-22477	-78501	1299	-142	-193408
341	-6021	-13386	1310	-443	-90339
342	4646	21806	1213	-721	-67479
343	14302	51188	1041	-956	-58845
344	22798	77454	891	-937	-55242
345	30876	102921	681	0	-54138
346	30876	102921	681	0	-54138
347	30876	102921	681	0	-54138
348	30876	102921	681	0	-54138
349	-24	-79	0	0	-795
350	0	0	0	0	-795
351	-10196	-5730	13942	41505	3788
352	-11524	-24573	19634	-6385	-6360
353	96	-22624	39994	-91851	-23281
354	-7430	-14822	10904	-37460	-54674
355	-1387	-1540	5253	-15561	-71980
356	6553	24563	1622	-6924	-62149

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
357	15300	52124	863	-3433	-57285
358	23349	78137	704	-1789	-54811
359	31063	103545	565	0	-53965
360	31063	103545	565	0	-53965
361	31063	103545	565	0	-53965
362	31063	103545	565	0	-53965
363	-24	-79	0	0	-795
364	0	0	0	0	-795
365	10226	-5190	5054	41171	7306
366	11625	-5029	8761	-6923	5160
367	4146	-8683	5816	-24516	-7024
368	-1090	-6200	5945	-34354	-26926
369	3977	7138	2917	-17543	-43732
370	10279	28545	1591	-8111	-52200
371	17160	53346	929	-3954	-53593
372	24269	78838	818	-2030	-53432
373	31181	103935	666	0	-53146
374	31181	103935	666	0	-53146
375	31181	103935	666	0	-53146
376	31181	103935	666	0	-53146
377	-24	-79	0	0	-795
378	0	0	0	0	-795
379	19691	1475	2195	18828	5564
380	10195	-2102	2305	-162	4608
381	8208	-3383	3344	-6941	-3226
382	7079	-623	2217	-8698	-19430
383	8467	10395	2106	-6962	-35093
384	12909	30465	1683	-3445	-45806
385	18602	54297	1456	-2041	-51164
386	25043	79671	1302	-1471	-52770
387	31425	104751	1026	0	-52947
388	31425	104751	1026	0	-52947
389	31425	104751	1026	0	-52947
390	31425	104751	1026	0	-52947
391	-24	-79	0	0	-795
392	0	0	0	0	-795
393	19486	1537	-638	-3192	5661
394	9856	-2155	-128	6716	4698
395	7899	-3497	-9	13508	-3231
396	6815	-748	1527	14777	-19632
397	8256	10310	1909	11463	-35535
398	12777	30641	2315	5234	-46547
399	18564	54867	2185	1569	-52230
400	25219	80779	1938	-391	-54112
401	31962	106539	1469	0	-54404
402	31962	106539	1469	0	-54404
403	31962	106539	1469	0	-54404
404	31962	106539	1469	0	-54404
405	-24	-79	0	0	-794
406	0	0	0	0	-794
407	9015	-5500	-2678	-18646	7534
408	10786	-5220	-4883	15579	5396
409	3113	-9082	-1772	37424	-7077
410	-1852	-6665	-1465	50669	-27492

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
411	3410	6870	1105	26461	-45042
412	9707	28971	2463	12514	-54391
413	16810	55001	2719	5253	-56759
414	24595	82104	2314	1066	-57521
415	32794	109314	1686	0	-57621
416	32794	109314	1686	0	-57621
417	32794	109314	1686	0	-57621
418	32794	109314	1686	0	-57621
419	-24	-79	0	0	-795
420	0	0	0	0	-795
421	-11463	-5357	-9320	-19253	4075
422	-13768	-25445	-12801	14498	-6238
423	-1305	-23482	-27250	130539	-23339
424	-8284	-15591	-4892	54527	-55808
425	-2397	-2198	-545	24918	-74247
426	5017	25097	2690	12708	-65437
427	13828	54718	2818	6862	-62477
428	23085	83349	2100	2697	-61780
429	33754	112515	1349	0	-61701
430	33754	112515	1349	0	-61701
431	33754	112515	1349	0	-61701
432	33754	112515	1349	0	-61701
433	-24	-79	0	0	-794
434	0	0	0	0	-794
435	-18389	27176	-34	5158	-23025
436	-2307	93544	106	8922	3847
437	-51424	-61629	5503	-3376	-128326
438	-22177	-81711	1419	7893	-197027
439	-7435	-14214	3153	6517	-91730
440	1479	22434	3632	7095	-71825
441	10152	54509	2754	7055	-65887
442	20360	84188	1101	4856	-65058
443	34589	115296	171	0	-65216
444	34589	115296	171	0	-65216
445	34589	115296	171	0	-65216
446	34589	115296	171	0	-65216
447	-24	-80	0	0	-798
448	3	1	0	3	-798
449	-19039	-4276	14084	43158	1674
450	-17461	-23693	20203	-846	-7174
451	-5905	-29704	47102	-102388	-32874
452	-10872	-22840	11811	-31684	-69952
453	-4234	-5945	7531	-8369	-80918
454	346	23312	4739	1010	-68853
455	6167	54856	2882	7394	-65676
456	15679	84066	-355	7959	-65867
457	34970	116568	-1478	0	-66431
458	34970	116568	-1478	0	-66431
459	34970	116568	-1478	0	-66431
460	34970	116568	-1478	0	-66431
461	-23	-76	-4	0	-774
462	-5	-1	-4	1	-774
463	-6930	-9092	5661	44368	7561
464	1726	-9819	8947	-6969	5043

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
465	-1580	-16281	5221	-27206	-10292
466	-6576	-14430	6733	-32564	-37126
467	-1615	876	5000	-10719	-57966
468	402	25459	4203	-759	-64791
469	2991	55857	2262	5994	-64473
470	6555	82769	-1312	9801	-64143
471	34661	115538	-4588	0	-64061
472	34661	115538	-4588	0	-64061
473	34661	115538	-4588	0	-64061
474	34661	115538	-4588	0	-64061
475	-24	-78	18	0	-791
476	5	3	6	-11	-787
477	51	1817	3091	32683	25704
478	611	-3909	1460	-4243	25528
479	2337	-9093	2645	-13907	5162
480	112	-7680	2144	-15927	-31035
481	-121	3752	4181	-8868	-61071
482	516	26354	3964	-681	-74721
483	498	51418	3342	4213	-70639
484	-689	80352	-2227	9831	-55891
485	34972	116573	-10343	0	-47345
486	34972	116573	-10343	0	-47345
487	34972	116573	-10343	0	-47345
488	-27	-91	-13	0	-835
489	28	0	-12	-17	-835

Combinazione n° 10 - SLER

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
1	51	1817	-1352	-14169	25704
2	-4170	-5551	-2482	-19245	7561
3	1726	-6043	-3922	9165	5043
4	611	-2459	-640	5525	25528
5	-11481	-2626	-6173	-18806	1674
6	-10472	-14490	-8858	1982	-4120
7	-927	-10168	-2278	36732	-5859
8	2337	-5813	-1146	18827	5162
9	-3518	-18337	-20549	137636	-19264
10	-11024	27176	139	-2563	-14156
11	-1703	93544	45	-4091	3847
12	-30885	-37498	-2443	4689	-77867
13	-3998	-9435	-2908	44764	-21318
14	112	-5334	-912	21920	-17274
15	-6527	-14541	-5123	43873	-41369
16	-13485	-50730	-665	-3529	-118506
17	-6843	-3283	13139	29425	4075
18	-8240	-15575	18045	-6963	-3462
19	-767	-14567	38574	-58558	-13407
20	-5030	-10107	7312	-24101	-32743
21	-980	876	-2157	14990	-33695
22	-74	3752	-1793	12351	-35230
23	-2606	-4841	-3279	11808	-47710

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
24	-4614	-9911	-1424	-2832	-54302
25	-1623	-2198	1111	-10948	-43575
26	9015	-3359	3865	28617	7534
27	10786	-3254	6996	-7353	5396
28	3113	-5792	2758	-16771	-4025
29	-1266	-4703	2421	-22437	-15495
30	3410	6870	-581	-11629	-25789
31	402	25459	-1826	1269	-37628
32	516	26354	-1704	1089	-43441
33	346	23312	-2085	-327	-40065
34	1479	22434	-1637	-3007	-41805
35	5017	25097	-1253	-5499	-37858
36	9707	28971	-1155	-5435	-31103
37	19486	1537	982	5884	5661
38	9856	-1388	307	-3130	4698
39	7899	-2395	221	-6044	-1879
40	6815	-748	-734	-6526	-10778
41	8256	10310	-901	-5015	-19998
42	12777	30641	-1070	-2242	-26323
43	2991	55857	-1013	-2460	-37211
44	498	51418	-1440	-1734	-41171
45	6167	54856	-1307	-3032	-37763
46	10152	54509	-1267	-2922	-37788
47	13828	54718	-1300	-2883	-35654
48	16810	55001	-1250	-2212	-32158
49	18564	54867	-1002	-616	-29407
50	19691	1475	-968	-8182	5564
51	10195	-1355	-1026	295	4608
52	8208	-2325	-1489	9421	-1868
53	7079	-623	-998	11951	-10655
54	8467	10395	-948	9622	-19724
55	12909	30465	-765	4770	-25874
56	18602	54297	-664	2802	-28772
57	6555	82769	1840	-4058	-36743
58	-406	80352	3007	-4087	-32624
59	15679	84066	625	-3263	-37479
60	20360	84188	-567	-1957	-36860
61	23085	83349	-985	-1060	-34821
62	24595	82104	-1064	-381	-32235
63	25219	80779	-886	526	-30183
64	25043	79671	-594	1991	-29393
65	10226	-3168	-2210	-17647	7306
66	11625	-3136	-3838	9088	5160
67	4146	-5549	-2547	33018	-3974
68	-885	-4422	-2585	47028	-15124
69	3977	7138	-1270	24168	-24972
70	10279	28545	-703	11176	-29771
71	17160	53346	-421	5419	-30267
72	24269	78838	-373	2750	-29820
73	34661	115538	6122	0	-36553
74	34972	116573	13702	0	-27649
75	34970	116568	2061	0	-37618
76	34589	115296	-17	0	-36744
77	33754	112515	-646	0	-34571

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
78	32794	109314	-778	0	-32105
79	31962	106539	-671	0	-30179
80	31425	104751	-468	0	-29324
81	31181	103935	-304	0	-29473
82	-6165	-3508	-6101	-17804	3788
83	-6973	-15041	-8598	8507	-3512
84	96	-14042	-17443	123361	-13330
85	-4651	-9643	-4726	51459	-32000
86	-1175	-1540	-2280	21425	-42148
87	6553	24563	-714	9524	-35838
88	15300	52124	-388	4687	-32531
89	23349	78137	-320	2412	-30681
90	31063	103545	-257	0	-29995
91	31063	103545	-257	0	-29995
92	31063	103545	-257	0	-29995
93	31063	103545	-257	0	-29995
94	31063	103545	-257	0	-29995
95	31063	103545	-257	0	-29995
96	31063	103545	-257	0	-29995
97	31063	103545	-257	0	-29995
98	31063	103545	-257	0	-29995
99	31063	103545	-257	0	-29995
100	31063	103545	-257	0	-29995
101	-8465	27722	-202	-1785	-13854
102	1012	89283	-335	-650	2745
103	-29719	-36520	-521	-167	-76291
104	-13861	-48765	-593	209	-116228
105	-4001	-9417	-597	598	-53366
106	4646	21806	-551	958	-39094
107	14302	51188	-472	1261	-33496
108	22798	77454	-402	1232	-30962
109	30876	102921	-308	0	-30120
110	30876	102921	-308	0	-30120
111	30876	102921	-308	0	-30120
112	30876	102921	-308	0	-30120
113	30876	102921	-308	0	-30120
114	30876	102921	-308	0	-30120
115	30876	102921	-308	0	-30120
116	30876	102921	-308	0	-30120
117	30876	102921	-308	0	-30120
118	30876	102921	-308	0	-30120
119	30876	102921	-308	0	-30120
120	30876	102921	-308	0	-30120
121	30876	102921	-308	0	-30120
122	-6255	-3506	13060	33569	3835
123	-7064	-15044	18175	-5549	-3462
124	-37	-14063	37720	-55718	-13215
125	-4775	-9712	8312	-22608	-31799
126	-1326	-1795	2632	-8963	-41849
127	6174	23959	-394	-3379	-35448
128	14856	51162	-564	-965	-32070
129	22843	76758	-495	63	-30181
130	30530	101765	-367	0	-29483
131	30530	101765	-367	0	-29483

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
132	30530	101765	-367	0	-29483
133	30530	101765	-367	0	-29483
134	30530	101765	-367	0	-29483
135	30530	101765	-367	0	-29483
136	30530	101765	-367	0	-29483
137	30530	101765	-367	0	-29483
138	30530	101765	-367	0	-29483
139	30530	101765	-367	0	-29483
140	30530	101765	-367	0	-29483
141	30530	101765	-367	0	-29483
142	30530	101765	-367	0	-29483
143	30530	101765	-367	0	-29483
144	30530	101765	-367	0	-29483
145	9929	-3167	4182	33111	7385
146	11342	-3139	7322	-5832	5348
147	3818	-5580	3574	-15322	-3756
148	-1104	-4545	3376	-20856	-14728
149	3410	6529	301	-10341	-24369
150	9574	27377	-420	-4259	-28967
151	16313	51442	-555	-1398	-29304
152	23275	76069	-470	-169	-28762
153	30094	100314	-343	0	-28386
154	30094	100314	-343	0	-28386
155	30094	100314	-343	0	-28386
156	30094	100314	-343	0	-28386
157	-27	-91	16	0	-835
158	-24	-78	-14	0	-791
159	-23	-76	5	0	-774
160	-24	-80	0	0	-798
161	-24	-79	0	0	-794
162	-24	-79	0	0	-795
163	-24	-79	0	0	-794
164	-24	-79	0	0	-795
165	-24	-79	0	0	-795
166	-24	-79	0	0	-795
167	-24	-79	0	0	-795
168	-24	-79	0	0	-795
169	-24	-79	0	0	-795
170	19383	1496	1340	10661	5640
171	9935	-1348	917	-1778	4826
172	7881	-2346	1167	-4968	-1573
173	6588	-848	-159	-5585	-10076
174	7775	9596	-251	-4214	-18803
175	12002	28818	-379	-1713	-24614
176	17453	51498	-347	-462	-27224
177	23616	75496	-290	109	-27659
178	29750	99167	-211	0	-27529
179	29750	99167	-211	0	-27529
180	29750	99167	-211	0	-27529
181	29750	99167	-211	0	-27529
182	-24	-79	0	0	-795
183	5	3	-5	13	-787
184	28	0	15	22	-835
185	-5	-1	5	-1	-774

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
186	3	1	0	-3	-798
187	0	0	0	1	-794
188	0	0	0	0	-795
189	0	0	0	0	-794
190	0	0	0	0	-795
191	0	0	0	0	-795
192	0	0	0	0	-795
193	0	0	0	0	-795
194	0	0	0	0	-795
195	0	0	0	0	-795
196	0	0	0	0	-795
197	19272	1495	-762	-5949	5661
198	9819	-1352	-701	2761	4863
199	7763	-2360	-976	11115	-1542
200	6469	-899	-393	13211	-10032
201	7654	9482	-292	10499	-18748
202	11881	28647	-106	5100	-24552
203	17332	51265	-53	2411	-27161
204	23498	75200	-38	1058	-27597
205	29647	98822	-35	0	-27468
206	29647	98822	-35	0	-27468
207	29647	98822	-35	0	-27468
208	29647	98822	-35	0	-27468
209	-24	-79	0	0	-795
210	0	0	0	0	-795
211	9607	-3169	-2000	-15531	7447
212	11004	-3152	-3497	11215	5459
213	3474	-5621	-2015	34154	-3662
214	-1267	-4635	-1969	47614	-14595
215	3053	6191	-625	24343	-24202
216	9212	26866	-77	10853	-28777
217	15951	50739	306	4540	-29105
218	22920	75170	288	1595	-28566
219	29778	99261	195	0	-28194
220	29778	99261	195	0	-28194
221	29778	99261	195	0	-28194
222	29778	99261	195	0	-28194
223	-24	-79	0	0	-795
224	0	0	0	0	-795
225	-6493	-3509	-5893	-15852	3935
226	-7313	-15065	-8257	10268	-3379
227	-382	-14126	-16911	124072	-13059
228	-5035	-9856	-4117	51572	-31573
229	-1592	-2219	-1657	21129	-41560
230	5582	23115	-126	8801	-35112
231	14255	49984	271	3550	-31712
232	22244	75233	288	1183	-29823
233	29987	99958	201	0	-29130
234	29987	99958	201	0	-29130
235	29987	99958	201	0	-29130
236	29987	99958	201	0	-29130
237	-24	-79	0	0	-795
238	0	0	0	0	-795
239	-8766	27717	0	0	-13794

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
240	473	89233	0	0	2934
241	-30043	-36600	0	0	-76074
242	-14198	-48952	0	0	-115904
243	-4356	-9757	0	0	-52938
244	3845	20644	0	0	-38583
245	13470	49530	0	0	-32937
246	21948	75264	0	0	-30392
247	30084	100279	0	0	-29552
248	30084	100279	0	0	-29552
249	30084	100279	0	0	-29552
250	30084	100279	0	0	-29552
251	-24	-79	0	0	-795
252	0	0	0	0	-795
253	-6493	-3509	13489	37209	3935
254	-7313	-15065	18891	-5004	-3379
255	-382	-14126	38836	-55647	-13059
256	-5035	-9856	9576	-22811	-31573
257	-1592	-2219	3891	-9331	-41560
258	5582	23115	333	-3884	-35112
259	14255	49984	-127	-1567	-31712
260	22244	75233	-130	-522	-29823
261	29987	99958	-89	0	-29130
262	29987	99958	-89	0	-29130
263	29987	99958	-89	0	-29130
264	29987	99958	-89	0	-29130
265	-24	-79	0	0	-795
266	0	0	0	0	-795
267	9607	-3169	4599	36535	7447
268	11004	-3152	8023	-5358	5459
269	3474	-5621	4666	-15312	-3662
270	-1267	-4635	4609	-21114	-14595
271	3053	6191	1516	-10754	-24202
272	9212	26866	225	-4792	-28777
273	15951	50739	-143	-2006	-29105
274	22920	75170	-130	-705	-28566
275	29778	99261	-87	0	-28194
276	29778	99261	-87	0	-28194
277	29778	99261	-87	0	-28194
278	29778	99261	-87	0	-28194
279	-24	-79	0	0	-795
280	0	0	0	0	-795
281	19272	1495	1751	13971	5661
282	9819	-1352	1609	-1339	4863
283	7763	-2360	2245	-4987	-1542
284	6469	-899	916	-5868	-10032
285	7654	9482	686	-4647	-18748
286	11881	28647	251	-2258	-24552
287	17332	51265	121	-1071	-27161
288	23498	75200	84	-472	-27597
289	29647	98822	76	0	-27468
290	29647	98822	76	0	-27468
291	29647	98822	76	0	-27468
292	29647	98822	76	0	-27468
293	-24	-79	0	0	-795

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
294	0	0	0	0	-795
295	19383	1496	-576	-4459	5640
296	9935	-1348	-387	3750	4826
297	7881	-2346	-487	11094	-1573
298	6588	-848	300	12608	-10076
299	7775	9596	511	9563	-18803
300	12002	28818	822	3913	-24614
301	17453	51498	763	1076	-27224
302	23616	75496	643	-57	-27659
303	29750	99167	471	0	-27529
304	29750	99167	471	0	-27529
305	29750	99167	471	0	-27529
306	29750	99167	471	0	-27529
307	-24	-79	0	0	-795
308	0	0	0	0	-795
309	9929	-3167	-1811	-13988	7385
310	11342	-3139	-3178	12282	5348
311	3818	-5580	-1520	34199	-3756
312	-1104	-4545	-1409	47070	-14728
313	3410	6529	-46	23454	-24369
314	9574	27377	873	9694	-28967
315	16313	51442	1218	3209	-29304
316	23275	76069	1044	414	-28762
317	30094	100314	765	0	-28386
318	30094	100314	765	0	-28386
319	30094	100314	765	0	-28386
320	30094	100314	765	0	-28386
321	-24	-79	0	0	-795
322	0	0	0	0	-795
323	-6255	-3506	-5698	-14209	3835
324	-7064	-15044	-7931	11491	-3462
325	-37	-14063	-16403	124255	-13215
326	-4775	-9712	-3542	51153	-31799
327	-1326	-1795	-1085	20346	-41849
328	6174	23959	814	7711	-35448
329	14856	51162	1236	2237	-32070
330	22843	76758	1099	-4	-30181
331	30530	101765	816	0	-29483
332	30530	101765	816	0	-29483
333	30530	101765	816	0	-29483
334	30530	101765	816	0	-29483
335	-24	-79	0	0	-795
336	0	0	0	0	-795
337	-8465	27722	442	3943	-13854
338	1012	89283	733	1456	2745
339	-29719	-36520	1141	400	-76291
340	-13861	-48765	1299	-111	-116228
341	-4001	-9417	1310	-287	-53366
342	4646	21806	1213	-449	-39094
343	14302	51188	1041	-582	-33496
344	22798	77454	891	-563	-30962
345	30876	102921	681	0	-30120
346	30876	102921	681	0	-30120
347	30876	102921	681	0	-30120

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
348	30876	102921	681	0	-30120
349	-24	-79	0	0	-795
350	0	0	0	0	-795
351	-6165	-3508	13942	41505	3788
352	-6973	-15041	19634	-4215	-3512
353	96	-14042	39994	-55341	-13330
354	-4651	-9643	10904	-22780	-32000
355	-1175	-1540	5253	-9488	-42148
356	6553	24563	1622	-4233	-35838
357	15300	52124	863	-2099	-32531
358	23349	78137	704	-1088	-30681
359	31063	103545	565	0	-29995
360	31063	103545	565	0	-29995
361	31063	103545	565	0	-29995
362	31063	103545	565	0	-29995
363	-24	-79	0	0	-795
364	0	0	0	0	-795
365	10226	-3168	5054	41171	7306
366	11625	-3136	8761	-4400	5160
367	4146	-5549	5816	-14816	-3974
368	-885	-4422	5945	-20875	-15124
369	3977	7138	2917	-10706	-24972
370	10279	28545	1591	-4970	-29771
371	17160	53346	929	-2431	-30267
372	24269	78838	818	-1245	-29820
373	31181	103935	666	0	-29473
374	31181	103935	666	0	-29473
375	31181	103935	666	0	-29473
376	31181	103935	666	0	-29473
377	-24	-79	0	0	-795
378	0	0	0	0	-795
379	19691	1475	2195	18828	5564
380	10195	-1355	2305	-162	4608
381	8208	-2325	3344	-4239	-1868
382	7079	-623	2217	-5331	-10655
383	8467	10395	2106	-4293	-19724
384	12909	30465	1683	-2156	-25874
385	18602	54297	1456	-1291	-28772
386	25043	79671	1302	-923	-29393
387	31425	104751	1026	0	-29324
388	31425	104751	1026	0	-29324
389	31425	104751	1026	0	-29324
390	31425	104751	1026	0	-29324
391	-24	-79	0	0	-795
392	0	0	0	0	-795
393	19486	1537	-406	-2237	5661
394	9856	-1388	-99	6716	4698
395	7899	-2395	-9	13508	-1879
396	6815	-748	1527	14777	-10778
397	8256	10310	1909	11463	-19998
398	12777	30641	2315	5234	-26323
399	18564	54867	2185	1569	-29407
400	25219	80779	1938	-294	-30183
401	31962	106539	1469	0	-30179

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
402	31962	106539	1469	0	-30179
403	31962	106539	1469	0	-30179
404	31962	106539	1469	0	-30179
405	-24	-79	0	0	-794
406	0	0	0	0	-794
407	9015	-3359	-1658	-11864	7534
408	10786	-3254	-3014	15579	5396
409	3113	-5792	-1129	37424	-4025
410	-1266	-4703	-953	50669	-15495
411	3410	6870	1105	26461	-25789
412	9707	28971	2463	12514	-31103
413	16810	55001	2719	5253	-32158
414	24595	82104	2314	1066	-32235
415	32794	109314	1686	0	-32105
416	32794	109314	1686	0	-32105
417	32794	109314	1686	0	-32105
418	32794	109314	1686	0	-32105
419	-24	-79	0	0	-795
420	0	0	0	0	-795
421	-6843	-3283	-5718	-12206	4075
422	-8240	-15575	-7854	14498	-3462
423	-767	-14567	-16745	130539	-13407
424	-5030	-10107	-3072	54527	-32743
425	-1623	-2198	-386	24918	-43575
426	5017	25097	2690	12708	-37858
427	13828	54718	2818	6862	-35654
428	23085	83349	2100	2697	-34821
429	33754	112515	1349	0	-34571
430	33754	112515	1349	0	-34571
431	33754	112515	1349	0	-34571
432	33754	112515	1349	0	-34571
433	-24	-79	0	0	-794
434	0	0	0	0	-794
435	-11024	27176	-34	5158	-14156
436	-1703	93544	106	8922	3847
437	-30885	-37498	5503	-2065	-77867
438	-13485	-50730	1419	7893	-118506
439	-4614	-9911	3153	6517	-54302
440	1479	22434	3632	7095	-41805
441	10152	54509	2754	7055	-37788
442	20360	84188	1101	4856	-36860
443	34589	115296	171	0	-36744
444	34589	115296	171	0	-36744
445	34589	115296	171	0	-36744
446	34589	115296	171	0	-36744
447	-24	-80	0	0	-798
448	3	1	0	3	-798
449	-11481	-2626	14084	43158	1674
450	-10472	-14490	20203	-846	-4120
451	-3518	-18337	47102	-61658	-19264
452	-6527	-14541	11811	-19326	-41369
453	-2606	-4841	7531	-5231	-47710
454	346	23312	4739	1010	-40065
455	6167	54856	2882	7394	-37763

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
456	15679	84066	-162	7959	-37479
457	34970	116568	-780	0	-37618
458	34970	116568	-780	0	-37618
459	34970	116568	-780	0	-37618
460	34970	116568	-780	0	-37618
461	-23	-76	-4	0	-774
462	-5	-1	-4	1	-774
463	-4170	-5551	5661	44368	7561
464	1726	-6043	8947	-4315	5043
465	-927	-10168	5221	-16388	-5859
466	-3998	-9435	6733	-19784	-21318
467	-980	876	5000	-6608	-33695
468	402	25459	4203	-637	-37628
469	2991	55857	2262	5994	-37211
470	6555	82769	-699	9801	-36743
471	34661	115538	-2481	0	-36553
472	34661	115538	-2481	0	-36553
473	34661	115538	-2481	0	-36553
474	34661	115538	-2481	0	-36553
475	-24	-78	18	0	-791
476	5	3	6	-11	-787
477	51	1817	3091	32683	25704
478	611	-2459	1460	-2547	25528
479	2337	-5813	2645	-8375	5162
480	112	-5334	2144	-9673	-17274
481	-74	3752	4181	-5441	-35230
482	516	26354	3964	-526	-43441
483	498	51418	3342	4213	-41171
484	-406	80352	-1211	9831	-32624
485	34972	116573	-5646	0	-27649
486	34972	116573	-5646	0	-27649
487	34972	116573	-5646	0	-27649
488	-27	-91	-13	0	-835
489	28	0	-12	-17	-835

Combinazione n° 11 - SLEF

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
1	51	1817	-1136	-12268	25704
2	-3436	-4694	-2091	-16630	7561
3	1726	-5151	-3296	9165	5043
4	611	-2147	-517	5525	25528
5	-9499	-2244	-5211	-16137	1674
6	-8563	-12242	-7463	1982	-3350
7	-741	-8816	-1896	36732	-4087
8	2337	-5170	-933	18827	5162
9	-2860	-15667	-17440	137636	-15511
10	-9029	27176	139	-1854	-12327
11	-1027	93544	45	-3274	3847
12	-25210	-31241	-2003	4689	-65658
13	-3363	-8591	-2449	44764	-16740
14	112	-5140	-729	21920	-13028

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
15	-5325	-12855	-4334	43873	-33627
16	-11301	-43902	-482	-2815	-98001
17	-5597	-2795	13139	29425	4075
18	-6751	-13185	18045	-5152	-2646
19	-654	-12533	38574	-47885	-10517
20	-4177	-9090	7312	-20029	-26405
21	-808	876	-1799	14990	-26979
22	-56	3752	-1471	12351	-27985
23	-2199	-4841	-2742	11808	-38775
24	-3949	-9621	-1137	-2221	-44370
25	-1520	-2198	1111	-9032	-35262
26	9015	-2840	3865	28617	7534
27	10786	-2822	6996	-5545	5396
28	3113	-5149	2758	-13674	-2609
29	-1266	-4605	2421	-18589	-11933
30	3410	6870	-398	-9632	-20355
31	402	25459	-1519	1269	-30241
32	516	26354	-1396	1089	-34965
33	346	23312	-1737	-55	-32264
34	1479	22434	-1351	-2315	-33675
35	5017	25097	-1008	-4450	-30325
36	9707	28971	-919	-4444	-24636
37	19486	1537	982	5884	5661
38	9856	-1257	307	-2355	4698
39	7899	-2300	221	-4885	-808
40	6815	-748	-556	-5358	-7997
41	8256	10310	-703	-4122	-15507
42	12777	30641	-861	-1808	-20629
43	2991	55857	-887	-1815	-29849
44	498	51418	-1199	-1283	-33384
45	6167	54856	-1139	-2239	-30162
46	10152	54509	-1090	-2205	-30107
47	13828	54718	-1089	-2247	-28276
48	16810	55001	-1030	-1750	-25339
49	18564	54867	-819	-458	-23044
50	19691	1475	-810	-6910	5564
51	10195	-1229	-850	295	4608
52	8208	-2240	-1235	9421	-797
53	7079	-623	-820	11951	-7892
54	8467	10395	-782	9622	-15279
55	12909	30465	-625	4770	-20261
56	18602	54297	-541	2802	-22532
57	6555	82769	1840	-3098	-29375
58	-336	80352	3007	-3143	-26681
59	15679	84066	625	-2446	-29734
60	20360	84188	-556	-1429	-29114
61	23085	83349	-856	-757	-27375
62	24595	82104	-894	-249	-25222
63	25219	80779	-732	526	-23530
64	25043	79671	-484	1991	-22898
65	10226	-2677	-1872	-15294	7306
66	11625	-2720	-3246	9088	5160
67	4146	-4941	-2155	33018	-2556
68	-885	-4365	-2211	47028	-11614

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
69	3977	7138	-1087	24168	-19670
70	10279	28545	-590	11176	-23540
71	17160	53346	-341	5419	-23807
72	24269	78838	-298	2750	-23284
73	34661	115538	6122	0	-29171
74	34972	116573	13702	0	-22743
75	34970	116568	2061	0	-29752
76	34589	115296	-17	0	-28911
77	33754	112515	-577	0	-27068
78	32794	109314	-660	0	-25024
79	31962	106539	-557	0	-23446
80	31425	104751	-382	0	-22764
81	31181	103935	-243	0	-22920
82	-5124	-2982	-5166	-15419	3788
83	-5786	-12731	-7274	8507	-2671
84	96	-12084	-14843	123361	-10432
85	-3998	-8693	-4055	51459	-25757
86	-1175	-1540	-1950	21425	-34054
87	6553	24563	-596	9524	-28651
88	15300	52124	-312	4687	-25727
89	23349	78137	-252	2412	-24029
90	31063	103545	-202	0	-23382
91	31063	103545	-202	0	-23382
92	31063	103545	-202	0	-23382
93	31063	103545	-202	0	-23382
94	31063	103545	-202	0	-23382
95	31063	103545	-202	0	-23382
96	31063	103545	-202	0	-23382
97	31063	103545	-202	0	-23382
98	31063	103545	-202	0	-23382
99	31063	103545	-202	0	-23382
100	31063	103545	-202	0	-23382
101	-6985	27722	-157	-1364	-12083
102	1012	89283	-262	-481	2745
103	-24395	-30426	-409	-106	-64272
104	-11812	-42215	-467	209	-96063
105	-3671	-9191	-471	598	-43551
106	4646	21806	-436	958	-31398
107	14302	51188	-373	1261	-26555
108	22798	77454	-319	1232	-24285
109	30876	102921	-244	0	-23507
110	30876	102921	-244	0	-23507
111	30876	102921	-244	0	-23507
112	30876	102921	-244	0	-23507
113	30876	102921	-244	0	-23507
114	30876	102921	-244	0	-23507
115	30876	102921	-244	0	-23507
116	30876	102921	-244	0	-23507
117	30876	102921	-244	0	-23507
118	30876	102921	-244	0	-23507
119	30876	102921	-244	0	-23507
120	30876	102921	-244	0	-23507
121	30876	102921	-244	0	-23507
122	-5216	-2981	13060	33569	3835

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
123	-5878	-12734	18175	-4047	-2632
124	-37	-12101	37720	-45599	-10342
125	-4114	-8749	8312	-18864	-25600
126	-1326	-1795	2632	-7500	-33820
127	6174	23959	-281	-2840	-28347
128	14856	51162	-443	-825	-25371
129	22843	76758	-395	63	-23646
130	30530	101765	-293	0	-22992
131	30530	101765	-293	0	-22992
132	30530	101765	-293	0	-22992
133	30530	101765	-293	0	-22992
134	30530	101765	-293	0	-22992
135	30530	101765	-293	0	-22992
136	30530	101765	-293	0	-22992
137	30530	101765	-293	0	-22992
138	30530	101765	-293	0	-22992
139	30530	101765	-293	0	-22992
140	30530	101765	-293	0	-22992
141	30530	101765	-293	0	-22992
142	30530	101765	-293	0	-22992
143	30530	101765	-293	0	-22992
144	30530	101765	-293	0	-22992
145	9929	-2677	4182	33111	7385
146	11342	-2722	7322	-4370	5348
147	3818	-4966	3574	-12538	-2385
148	-1104	-4464	3376	-17347	-11301
149	3410	6529	301	-8655	-19195
150	9574	27377	-303	-3578	-22910
151	16313	51442	-436	-1189	-23059
152	23275	76069	-375	-160	-22469
153	30094	100314	-275	0	-22086
154	30094	100314	-275	0	-22086
155	30094	100314	-275	0	-22086
156	30094	100314	-275	0	-22086
157	-27	-91	16	0	-835
158	-24	-78	-14	0	-791
159	-23	-76	5	0	-774
160	-24	-80	0	0	-798
161	-24	-79	0	0	-794
162	-24	-79	0	0	-795
163	-24	-79	0	0	-794
164	-24	-79	0	0	-795
165	-24	-79	0	0	-795
166	-24	-79	0	0	-795
167	-24	-79	0	0	-795
168	-24	-79	0	0	-795
169	-24	-79	0	0	-795
170	19383	1496	1340	10661	5640
171	9935	-1222	917	-1319	4826
172	7881	-2255	1167	-4057	-564
173	6588	-848	-94	-4638	-7432
174	7775	9596	-172	-3526	-14550
175	12002	28818	-290	-1445	-19269
176	17453	51498	-272	-402	-21322

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
177	23616	75496	-229	109	-21555
178	29750	99167	-168	0	-21378
179	29750	99167	-168	0	-21378
180	29750	99167	-168	0	-21378
181	29750	99167	-168	0	-21378
182	-24	-79	0	0	-795
183	5	3	-5	13	-787
184	28	0	15	22	-835
185	-5	-1	5	-1	-774
186	3	1	0	-3	-798
187	0	0	0	1	-794
188	0	0	0	0	-795
189	0	0	0	0	-794
190	0	0	0	0	-795
191	0	0	0	0	-795
192	0	0	0	0	-795
193	0	0	0	0	-795
194	0	0	0	0	-795
195	0	0	0	0	-795
196	0	0	0	0	-795
197	19272	1495	-648	-5198	5661
198	9819	-1226	-593	2761	4863
199	7763	-2267	-828	11115	-539
200	6469	-899	-335	13211	-7398
201	7654	9482	-250	10499	-14508
202	11881	28647	-88	5100	-19222
203	17332	51265	-39	2411	-21275
204	23498	75200	-25	1058	-21509
205	29647	98822	-24	0	-21335
206	29647	98822	-24	0	-21335
207	29647	98822	-24	0	-21335
208	29647	98822	-24	0	-21335
209	-24	-79	0	0	-795
210	0	0	0	0	-795
211	9607	-2678	-1707	-13670	7447
212	11004	-2734	-2977	11215	5459
213	3474	-4999	-1734	34154	-2312
214	-1267	-4536	-1720	47614	-11199
215	3053	6191	-570	24343	-19067
216	9212	26866	-77	10853	-22767
217	15951	50739	306	4540	-22911
218	22920	75170	288	1595	-22326
219	29778	99261	195	0	-21947
220	29778	99261	195	0	-21947
221	29778	99261	195	0	-21947
222	29778	99261	195	0	-21947
223	-24	-79	0	0	-795
224	0	0	0	0	-795
225	-5424	-2983	-5003	-13923	3935
226	-6095	-12751	-7006	10268	-2567
227	-382	-12152	-14424	124072	-10220
228	-4337	-8865	-3572	51572	-25425
229	-1592	-2219	-1455	21129	-33598
230	5582	23115	-126	8801	-28092

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
231	14255	49984	271	3550	-25103
232	22244	75233	288	1183	-23382
233	29987	99958	201	0	-22733
234	29987	99958	201	0	-22733
235	29987	99958	201	0	-22733
236	29987	99958	201	0	-22733
237	-24	-79	0	0	-795
238	0	0	0	0	-795
239	-7251	27717	0	0	-12035
240	473	89233	0	0	2934
241	-24678	-30491	0	0	-64103
242	-12105	-42366	0	0	-95811
243	-3973	-9463	0	0	-43222
244	3845	20644	0	0	-31009
245	13470	49530	0	0	-26134
246	21948	75264	0	0	-23860
247	30084	100279	0	0	-23087
248	30084	100279	0	0	-23087
249	30084	100279	0	0	-23087
250	30084	100279	0	0	-23087
251	-24	-79	0	0	-795
252	0	0	0	0	-795
253	-5424	-2983	13489	37209	3935
254	-6095	-12751	18891	-3648	-2567
255	-382	-12152	38836	-45568	-10220
256	-4337	-8865	9576	-19045	-25425
257	-1592	-2219	3891	-7808	-33598
258	5582	23115	333	-3253	-28092
259	14255	49984	-100	-1311	-25103
260	22244	75233	-108	-436	-23382
261	29987	99958	-75	0	-22733
262	29987	99958	-75	0	-22733
263	29987	99958	-75	0	-22733
264	29987	99958	-75	0	-22733
265	-24	-79	0	0	-795
266	0	0	0	0	-795
267	9607	-2678	4599	36535	7447
268	11004	-2734	8023	-4025	5459
269	3474	-4999	4666	-12553	-2312
270	-1267	-4536	4609	-17569	-11199
271	3053	6191	1516	-8996	-19067
272	9212	26866	225	-4011	-22767
273	15951	50739	-115	-1676	-22911
274	22920	75170	-110	-586	-22326
275	29778	99261	-75	0	-21947
276	29778	99261	-75	0	-21947
277	29778	99261	-75	0	-21947
278	29778	99261	-75	0	-21947
279	-24	-79	0	0	-795
280	0	0	0	0	-795
281	19272	1495	1751	13971	5661
282	9819	-1226	1609	-1001	4863
283	7763	-2267	2245	-4094	-539
284	6469	-899	916	-4879	-7398

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
285	7654	9482	686	-3882	-14508
286	11881	28647	251	-1885	-19222
287	17332	51265	121	-888	-21275
288	23498	75200	84	-385	-21509
289	29647	98822	76	0	-21335
290	29647	98822	76	0	-21335
291	29647	98822	76	0	-21335
292	29647	98822	76	0	-21335
293	-24	-79	0	0	-795
294	0	0	0	0	-795
295	19383	1496	-504	-4067	5640
296	9935	-1222	-349	3750	4826
297	7881	-2255	-448	11094	-564
298	6588	-848	300	12608	-7432
299	7775	9596	511	9563	-14550
300	12002	28818	822	3913	-19269
301	17453	51498	763	1076	-21322
302	23616	75496	643	-32	-21555
303	29750	99167	471	0	-21378
304	29750	99167	471	0	-21378
305	29750	99167	471	0	-21378
306	29750	99167	471	0	-21378
307	-24	-79	0	0	-795
308	0	0	0	0	-795
309	9929	-2677	-1561	-12498	7385
310	11342	-2722	-2729	12282	5348
311	3818	-4966	-1348	34199	-2385
312	-1104	-4464	-1283	47070	-11301
313	3410	6529	-46	23454	-19195
314	9574	27377	873	9694	-22910
315	16313	51442	1218	3209	-23059
316	23275	76069	1044	414	-22469
317	30094	100314	765	0	-22086
318	30094	100314	765	0	-22086
319	30094	100314	765	0	-22086
320	30094	100314	765	0	-22086
321	-24	-79	0	0	-795
322	0	0	0	0	-795
323	-5216	-2981	-4852	-12672	3835
324	-5878	-12734	-6751	11491	-2632
325	-37	-12101	-14027	124255	-10342
326	-4114	-8749	-3121	51153	-25600
327	-1326	-1795	-1006	20346	-33820
328	6174	23959	814	7711	-28347
329	14856	51162	1236	2237	-25371
330	22843	76758	1099	-4	-23646
331	30530	101765	816	0	-22992
332	30530	101765	816	0	-22992
333	30530	101765	816	0	-22992
334	30530	101765	816	0	-22992
335	-24	-79	0	0	-795
336	0	0	0	0	-795
337	-6985	27722	442	3943	-12083
338	1012	89283	733	1456	2745

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
339	-24395	-30426	1141	400	-64272
340	-11812	-42215	1299	-111	-96063
341	-3671	-9191	1310	-249	-43551
342	4646	21806	1213	-375	-31398
343	14302	51188	1041	-476	-26555
344	22798	77454	891	-455	-24285
345	30876	102921	681	0	-23507
346	30876	102921	681	0	-23507
347	30876	102921	681	0	-23507
348	30876	102921	681	0	-23507
349	-24	-79	0	0	-795
350	0	0	0	0	-795
351	-5124	-2982	13942	41505	3788
352	-5786	-12731	19634	-3058	-2671
353	96	-12084	39994	-45354	-10432
354	-3998	-8693	10904	-19048	-25757
355	-1175	-1540	5253	-7959	-34054
356	6553	24563	1622	-3556	-28651
357	15300	52124	863	-1756	-25727
358	23349	78137	704	-900	-24029
359	31063	103545	565	0	-23382
360	31063	103545	565	0	-23382
361	31063	103545	565	0	-23382
362	31063	103545	565	0	-23382
363	-24	-79	0	0	-795
364	0	0	0	0	-795
365	10226	-2677	5054	41171	7306
366	11625	-2720	8761	-3305	5160
367	4146	-4941	5816	-12190	-2556
368	-885	-4365	5945	-17410	-11614
369	3977	7138	2917	-8990	-19670
370	10279	28545	1591	-4187	-23540
371	17160	53346	929	-2047	-23807
372	24269	78838	818	-1039	-23284
373	31181	103935	666	0	-22920
374	31181	103935	666	0	-22920
375	31181	103935	666	0	-22920
376	31181	103935	666	0	-22920
377	-24	-79	0	0	-795
378	0	0	0	0	-795
379	19691	1475	2195	18828	5564
380	10195	-1229	2305	-131	4608
381	8208	-2240	3344	-3532	-797
382	7079	-623	2217	-4484	-7892
383	8467	10395	2106	-3638	-15279
384	12909	30465	1683	-1849	-20261
385	18602	54297	1456	-1111	-22532
386	25043	79671	1302	-782	-22898
387	31425	104751	1026	0	-22764
388	31425	104751	1026	0	-22764
389	31425	104751	1026	0	-22764
390	31425	104751	1026	0	-22764
391	-24	-79	0	0	-795
392	0	0	0	0	-795

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
393	19486	1537	-373	-2237	5661
394	9856	-1257	-99	6716	4698
395	7899	-2300	-9	13508	-808
396	6815	-748	1527	14777	-7997
397	8256	10310	1909	11463	-15507
398	12777	30641	2315	5234	-20629
399	18564	54867	2185	1569	-23044
400	25219	80779	1938	-279	-23530
401	31962	106539	1469	0	-23446
402	31962	106539	1469	0	-23446
403	31962	106539	1469	0	-23446
404	31962	106539	1469	0	-23446
405	-24	-79	0	0	-794
406	0	0	0	0	-794
407	9015	-2840	-1445	-10885	7534
408	10786	-2822	-2609	15579	5396
409	3113	-5149	-1044	37424	-2609
410	-1266	-4605	-922	50669	-11933
411	3410	6870	1105	26461	-20355
412	9707	28971	2463	12514	-24636
413	16810	55001	2719	5253	-25339
414	24595	82104	2314	1066	-25222
415	32794	109314	1686	0	-25024
416	32794	109314	1686	0	-25024
417	32794	109314	1686	0	-25024
418	32794	109314	1686	0	-25024
419	-24	-79	0	0	-795
420	0	0	0	0	-795
421	-5597	-2795	-4885	-11148	4075
422	-6751	-13185	-6709	14498	-2646
423	-654	-12533	-14352	130539	-10517
424	-4177	-9090	-2755	54527	-26405
425	-1520	-2198	-386	24918	-35262
426	5017	25097	2690	12708	-30325
427	13828	54718	2818	6862	-28276
428	23085	83349	2100	2697	-27375
429	33754	112515	1349	0	-27068
430	33754	112515	1349	0	-27068
431	33754	112515	1349	0	-27068
432	33754	112515	1349	0	-27068
433	-24	-79	0	0	-794
434	0	0	0	0	-794
435	-9029	27176	-34	5158	-12327
436	-1027	93544	106	8922	3847
437	-25210	-31241	5503	-1746	-65658
438	-11301	-43902	1419	7893	-98001
439	-3949	-9621	3153	6517	-44370
440	1479	22434	3632	7095	-33675
441	10152	54509	2754	7055	-30107
442	20360	84188	1101	4856	-29114
443	34589	115296	195	0	-28911
444	34589	115296	195	0	-28911
445	34589	115296	195	0	-28911
446	34589	115296	195	0	-28911

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
447	-24	-80	0	0	-798
448	3	1	0	3	-798
449	-9499	-2244	14084	43158	1674
450	-8563	-12242	20203	-389	-3350
451	-2860	-15667	47102	-50537	-15511
452	-5325	-12855	11811	-16270	-33627
453	-2199	-4841	7531	-4528	-38775
454	346	23312	4739	1010	-32264
455	6167	54856	2882	7394	-30162
456	15679	84066	8	7959	-29734
457	34970	116568	-491	0	-29752
458	34970	116568	-491	0	-29752
459	34970	116568	-491	0	-29752
460	34970	116568	-491	0	-29752
461	-23	-76	-4	0	-774
462	-5	-1	-4	1	-774
463	-3436	-4694	5661	44368	7561
464	1726	-5151	8947	-3229	5043
465	-741	-8816	5221	-13470	-4087
466	-3363	-8591	6733	-16537	-16740
467	-808	876	5000	-5638	-26979
468	402	25459	4203	-637	-30241
469	2991	55857	2262	5994	-29849
470	6555	82769	-432	9801	-29375
471	34661	115538	-1791	0	-29171
472	34661	115538	-1791	0	-29171
473	34661	115538	-1791	0	-29171
474	34661	115538	-1791	0	-29171
475	-24	-78	18	0	-791
476	5	3	6	-11	-787
477	51	1817	3091	32683	25704
478	611	-2147	1460	-1952	25528
479	2337	-5170	2645	-6892	5162
480	112	-5140	2144	-8089	-13028
481	-56	3752	4181	-4616	-27985
482	516	26354	3964	-526	-34965
483	498	51418	3342	4213	-33384
484	-336	80352	-846	9831	-26681
485	34972	116573	-4212	0	-22743
486	34972	116573	-4212	0	-22743
487	34972	116573	-4212	0	-22743
488	-27	-91	-13	0	-835
489	28	0	-12	-17	-835

Combinazione n° 12 - SLEQ

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
1	51	1817	-1033	-11353	25704
2	-3086	-4283	-1905	-15371	7561
3	1726	-4724	-2997	9165	5043
4	611	-1997	-458	5525	25528
5	-8553	-2061	-4750	-14854	1674

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
6	-7656	-11166	-6795	1982	-2982
7	-653	-8165	-1714	36732	-3252
8	2337	-4858	-832	18827	5162
9	-2548	-14386	-15950	137636	-13727
10	-8080	27176	139	-1522	-11442
11	-712	93544	52	-2886	3847
12	-22512	-28257	-1794	4689	-59812
13	-3060	-8177	-2229	44764	-14569
14	112	-5036	-641	21920	-11020
15	-4754	-12039	-3957	43873	-29943
16	-10257	-40615	-396	-2477	-88223
17	-5004	-2561	13139	29425	4075
18	-6041	-12041	18045	-4301	-2259
19	-599	-11556	38574	-42809	-9146
20	-3770	-8594	7312	-18086	-23390
21	-727	876	-1628	14990	-23786
22	-48	3752	-1318	12351	-24543
23	-2005	-4841	-2485	11808	-34521
24	-3631	-9463	-1001	-1932	-39638
25	-1469	-2198	1111	-8119	-31306
26	9015	-2591	3865	28617	7534
27	10786	-2613	6996	-4693	5396
28	3113	-4837	2758	-12202	-1944
29	-1266	-4548	2421	-16754	-10246
30	3410	6870	-312	-8679	-17773
31	402	25459	-1372	1269	-26726
32	516	26354	-1250	1089	-30930
33	346	23312	-1571	72	-28551
34	1479	22434	-1214	-1987	-29806
35	5017	25097	-891	-3951	-26742
36	9707	28971	-807	-3972	-21561
37	19486	1537	982	5884	5661
38	9856	-1193	307	-1989	4698
39	7899	-2249	221	-4335	-307
40	6815	-748	-472	-4801	-6682
41	8256	10310	-609	-3696	-13377
42	12777	30641	-762	-1601	-17924
43	2991	55857	-825	-1510	-26344
44	498	51418	-1084	-1070	-29673
45	6167	54856	-1058	-1864	-26546
46	10152	54509	-1006	-1865	-26452
47	13828	54718	-989	-1944	-24768
48	16810	55001	-926	-1530	-22098
49	18564	54867	-732	-383	-20021
50	19691	1475	-734	-6300	5564
51	10195	-1167	-766	295	4608
52	8208	-2194	-1114	9421	-296
53	7079	-623	-735	11951	-6585
54	8467	10395	-702	9622	-13171
55	12909	30465	-559	4770	-17595
56	18602	54297	-483	2802	-19566
57	6555	82769	1840	-2643	-25868
58	-302	80352	3007	-2695	-23843
59	15679	84066	625	-2059	-26049

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
60	20360	84188	-549	-1179	-25430
61	23085	83349	-794	-614	-23835
62	24595	82104	-812	-186	-21888
63	25219	80779	-658	526	-20367
64	25043	79671	-432	1991	-19810
65	10226	-2442	-1710	-14159	7306
66	11625	-2520	-2962	9088	5160
67	4146	-4646	-1968	33018	-1890
68	-885	-4328	-2031	47028	-9951
69	3977	7138	-999	24168	-17152
70	10279	28545	-536	11176	-20578
71	17160	53346	-304	5419	-20736
72	24269	78838	-263	2750	-20176
73	34661	115538	6122	0	-25656
74	34972	116573	13702	0	-20397
75	34970	116568	2061	0	-26010
76	34589	115296	-17	0	-25186
77	33754	112515	-544	0	-23500
78	32794	109314	-604	0	-21658
79	31962	106539	-503	0	-20245
80	31425	104751	-341	0	-19646
81	31181	103935	-214	0	-19804
82	-4628	-2730	-4719	-14269	3788
83	-5221	-11625	-6640	8507	-2273
84	96	-11143	-13597	123361	-9057
85	-3684	-8230	-3732	51459	-22789
86	-1175	-1540	-1792	21425	-30202
87	6553	24563	-540	9524	-25231
88	15300	52124	-276	4687	-22491
89	23349	78137	-220	2412	-20867
90	31063	103545	-177	0	-20238
91	31063	103545	-177	0	-20238
92	31063	103545	-177	0	-20238
93	31063	103545	-177	0	-20238
94	31063	103545	-177	0	-20238
95	31063	103545	-177	0	-20238
96	31063	103545	-177	0	-20238
97	31063	103545	-177	0	-20238
98	31063	103545	-177	0	-20238
99	31063	103545	-177	0	-20238
100	31063	103545	-177	0	-20238
101	-6280	27722	-136	-1165	-11226
102	1012	89283	-228	-401	2745
103	-21861	-27519	-356	-77	-58518
104	-10831	-39062	-407	209	-86447
105	-3508	-9063	-412	598	-38875
106	4646	21806	-381	958	-27736
107	14302	51188	-327	1261	-23254
108	22798	77454	-279	1232	-21109
109	30876	102921	-213	0	-20363
110	30876	102921	-213	0	-20363
111	30876	102921	-213	0	-20363
112	30876	102921	-213	0	-20363
113	30876	102921	-213	0	-20363

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
114	30876	102921	-213	0	-20363
115	30876	102921	-213	0	-20363
116	30876	102921	-213	0	-20363
117	30876	102921	-213	0	-20363
118	30876	102921	-213	0	-20363
119	30876	102921	-213	0	-20363
120	30876	102921	-213	0	-20363
121	30876	102921	-213	0	-20363
122	-4721	-2730	13060	33569	3835
123	-5313	-11628	18175	-3342	-2239
124	-37	-11158	37720	-40786	-8979
125	-3798	-8280	8312	-17077	-22651
126	-1326	-1795	2632	-6801	-29998
127	6174	23959	-228	-2581	-24968
128	14856	51162	-386	-758	-22184
129	22843	76758	-347	63	-20538
130	30530	101765	-258	0	-19904
131	30530	101765	-258	0	-19904
132	30530	101765	-258	0	-19904
133	30530	101765	-258	0	-19904
134	30530	101765	-258	0	-19904
135	30530	101765	-258	0	-19904
136	30530	101765	-258	0	-19904
137	30530	101765	-258	0	-19904
138	30530	101765	-258	0	-19904
139	30530	101765	-258	0	-19904
140	30530	101765	-258	0	-19904
141	30530	101765	-258	0	-19904
142	30530	101765	-258	0	-19904
143	30530	101765	-258	0	-19904
144	30530	101765	-258	0	-19904
145	9929	-2442	4182	33111	7385
146	11342	-2522	7322	-3682	5348
147	3818	-4668	3574	-11213	-1741
148	-1104	-4415	3376	-15673	-9678
149	3410	6529	301	-7849	-16737
150	9574	27377	-248	-3253	-20031
151	16313	51442	-380	-1088	-20090
152	23275	76069	-330	-156	-19477
153	30094	100314	-242	0	-19090
154	30094	100314	-242	0	-19090
155	30094	100314	-242	0	-19090
156	30094	100314	-242	0	-19090
157	-27	-91	16	0	-835
158	-24	-78	-14	0	-791
159	-23	-76	5	0	-774
160	-24	-80	0	0	-798
161	-24	-79	0	0	-794
162	-24	-79	0	0	-795
163	-24	-79	0	0	-794
164	-24	-79	0	0	-795
165	-24	-79	0	0	-795
166	-24	-79	0	0	-795
167	-24	-79	0	0	-795

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
168	-24	-79	0	0	-795
169	-24	-79	0	0	-795
170	19383	1496	1340	10661	5640
171	9935	-1160	917	-1102	4826
172	7881	-2207	1167	-3624	-92
173	6588	-848	-64	-4187	-6182
174	7775	9596	-136	-3198	-12531
175	12002	28818	-248	-1316	-16729
176	17453	51498	-236	-372	-18517
177	23616	75496	-201	109	-18652
178	29750	99167	-147	0	-18454
179	29750	99167	-147	0	-18454
180	29750	99167	-147	0	-18454
181	29750	99167	-147	0	-18454
182	-24	-79	0	0	-795
183	5	3	-5	13	-787
184	28	0	15	22	-835
185	-5	-1	5	-1	-774
186	3	1	0	-3	-798
187	0	0	0	1	-794
188	0	0	0	0	-795
189	0	0	0	0	-794
190	0	0	0	0	-795
191	0	0	0	0	-795
192	0	0	0	0	-795
193	0	0	0	0	-795
194	0	0	0	0	-795
195	0	0	0	0	-795
196	0	0	0	0	-795
197	19272	1495	-593	-4834	5661
198	9819	-1164	-542	2761	4863
199	7763	-2218	-757	11115	-71
200	6469	-899	-308	13211	-6153
201	7654	9482	-230	10499	-12496
202	11881	28647	-79	5100	-16690
203	17332	51265	-33	2411	-18477
204	23498	75200	-20	1058	-18615
205	29647	98822	-19	0	-18418
206	29647	98822	-19	0	-18418
207	29647	98822	-19	0	-18418
208	29647	98822	-19	0	-18418
209	-24	-79	0	0	-795
210	0	0	0	0	-795
211	9607	-2443	-1567	-12767	7447
212	11004	-2532	-2727	11215	5459
213	3474	-4697	-1599	34154	-1678
214	-1267	-4479	-1599	47614	-9589
215	3053	6191	-542	24343	-16628
216	9212	26866	-77	10853	-19910
217	15951	50739	306	4540	-19966
218	22920	75170	288	1595	-19359
219	29778	99261	195	0	-18976
220	29778	99261	195	0	-18976
221	29778	99261	195	0	-18976

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
222	29778	99261	195	0	-18976
223	-24	-79	0	0	-795
224	0	0	0	0	-795
225	-4913	-2732	-4577	-12989	3935
226	-5514	-11643	-6406	10268	-2182
227	-382	-11204	-13230	124072	-8873
228	-4002	-8382	-3309	51572	-22501
229	-1592	-2219	-1357	21129	-29809
230	5582	23115	-126	8801	-24751
231	14255	49984	271	3550	-21959
232	22244	75233	288	1183	-20319
233	29987	99958	201	0	-19691
234	29987	99958	201	0	-19691
235	29987	99958	201	0	-19691
236	29987	99958	201	0	-19691
237	-24	-79	0	0	-795
238	0	0	0	0	-795
239	-6530	27717	0	0	-11184
240	473	89233	0	0	2934
241	-22125	-27577	0	0	-58372
242	-11101	-39196	0	0	-86230
243	-3785	-9303	0	0	-38592
244	3845	20644	0	0	-27403
245	13470	49530	0	0	-22897
246	21948	75264	0	0	-20753
247	30084	100279	0	0	-20012
248	30084	100279	0	0	-20012
249	30084	100279	0	0	-20012
250	30084	100279	0	0	-20012
251	-24	-79	0	0	-795
252	0	0	0	0	-795
253	-4913	-2732	13489	37209	3935
254	-5514	-11643	18891	-3011	-2182
255	-382	-11204	38836	-40773	-8873
256	-4002	-8382	9576	-17247	-22501
257	-1592	-2219	3891	-7081	-29809
258	5582	23115	333	-2952	-24751
259	14255	49984	-87	-1189	-21959
260	22244	75233	-97	-394	-20319
261	29987	99958	-68	0	-19691
262	29987	99958	-68	0	-19691
263	29987	99958	-68	0	-19691
264	29987	99958	-68	0	-19691
265	-24	-79	0	0	-795
266	0	0	0	0	-795
267	9607	-2443	4599	36535	7447
268	11004	-2532	8023	-3398	5459
269	3474	-4697	4666	-11240	-1678
270	-1267	-4479	4609	-15878	-9589
271	3053	6191	1516	-8157	-16628
272	9212	26866	225	-3638	-19910
273	15951	50739	-101	-1518	-19966
274	22920	75170	-100	-529	-19359
275	29778	99261	-69	0	-18976

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
276	29778	99261	-69	0	-18976
277	29778	99261	-69	0	-18976
278	29778	99261	-69	0	-18976
279	-24	-79	0	0	-795
280	0	0	0	0	-795
281	19272	1495	1751	13971	5661
282	9819	-1164	1609	-842	4863
283	7763	-2218	2245	-3669	-71
284	6469	-899	916	-4408	-6153
285	7654	9482	686	-3517	-12496
286	11881	28647	251	-1707	-16690
287	17332	51265	121	-800	-18477
288	23498	75200	84	-344	-18615
289	29647	98822	76	0	-18418
290	29647	98822	76	0	-18418
291	29647	98822	76	0	-18418
292	29647	98822	76	0	-18418
293	-24	-79	0	0	-795
294	0	0	0	0	-795
295	19383	1496	-469	-3874	5640
296	9935	-1160	-331	3750	4826
297	7881	-2207	-428	11094	-92
298	6588	-848	300	12608	-6182
299	7775	9596	511	9563	-12531
300	12002	28818	822	3913	-16729
301	17453	51498	763	1076	-18517
302	23616	75496	643	-21	-18652
303	29750	99167	471	0	-18454
304	29750	99167	471	0	-18454
305	29750	99167	471	0	-18454
306	29750	99167	471	0	-18454
307	-24	-79	0	0	-795
308	0	0	0	0	-795
309	9929	-2442	-1440	-11771	7385
310	11342	-2522	-2513	12282	5348
311	3818	-4668	-1264	34199	-1741
312	-1104	-4415	-1220	47070	-9678
313	3410	6529	-46	23454	-16737
314	9574	27377	873	9694	-20031
315	16313	51442	1218	3209	-20090
316	23275	76069	1044	414	-19477
317	30094	100314	765	0	-19090
318	30094	100314	765	0	-19090
319	30094	100314	765	0	-19090
320	30094	100314	765	0	-19090
321	-24	-79	0	0	-795
322	0	0	0	0	-795
323	-4721	-2730	-4446	-11922	3835
324	-5313	-11628	-6185	11491	-2239
325	-37	-11158	-12886	124255	-8979
326	-3798	-8280	-2918	51153	-22651
327	-1326	-1795	-966	20346	-29998
328	6174	23959	814	7711	-24968
329	14856	51162	1236	2237	-22184

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
330	22843	76758	1099	7	-20538
331	30530	101765	816	0	-19904
332	30530	101765	816	0	-19904
333	30530	101765	816	0	-19904
334	30530	101765	816	0	-19904
335	-24	-79	0	0	-795
336	0	0	0	0	-795
337	-6280	27722	442	3943	-11226
338	1012	89283	733	1456	2745
339	-21861	-27519	1141	400	-58518
340	-10831	-39062	1299	-111	-86447
341	-3508	-9063	1310	-231	-38875
342	4646	21806	1213	-340	-27736
343	14302	51188	1041	-426	-23254
344	22798	77454	891	-403	-21109
345	30876	102921	681	0	-20363
346	30876	102921	681	0	-20363
347	30876	102921	681	0	-20363
348	30876	102921	681	0	-20363
349	-24	-79	0	0	-795
350	0	0	0	0	-795
351	-4628	-2730	13942	41505	3788
352	-5221	-11625	19634	-2516	-2273
353	96	-11143	39994	-40604	-9057
354	-3684	-8230	10904	-17266	-22789
355	-1175	-1540	5253	-7228	-30202
356	6553	24563	1622	-3232	-25231
357	15300	52124	863	-1593	-22491
358	23349	78137	704	-810	-20867
359	31063	103545	565	0	-20238
360	31063	103545	565	0	-20238
361	31063	103545	565	0	-20238
362	31063	103545	565	0	-20238
363	-24	-79	0	0	-795
364	0	0	0	0	-795
365	10226	-2442	5054	41171	7306
366	11625	-2520	8761	-2789	5160
367	4146	-4646	5816	-10941	-1890
368	-885	-4328	5945	-15756	-9951
369	3977	7138	2917	-8170	-17152
370	10279	28545	1591	-3813	-20578
371	17160	53346	929	-1864	-20736
372	24269	78838	818	-941	-20176
373	31181	103935	666	0	-19804
374	31181	103935	666	0	-19804
375	31181	103935	666	0	-19804
376	31181	103935	666	0	-19804
377	-24	-79	0	0	-795
378	0	0	0	0	-795
379	19691	1475	2195	18828	5564
380	10195	-1167	2305	-102	4608
381	8208	-2194	3344	-3194	-296
382	7079	-623	2217	-4079	-6585
383	8467	10395	2106	-3325	-13171

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
384	12909	30465	1683	-1701	-17595
385	18602	54297	1456	-1024	-19566
386	25043	79671	1302	-715	-19810
387	31425	104751	1026	0	-19646
388	31425	104751	1026	0	-19646
389	31425	104751	1026	0	-19646
390	31425	104751	1026	0	-19646
391	-24	-79	0	0	-795
392	0	0	0	0	-795
393	19486	1537	-356	-2237	5661
394	9856	-1193	-99	6716	4698
395	7899	-2249	-9	13508	-307
396	6815	-748	1527	14777	-6682
397	8256	10310	1909	11463	-13377
398	12777	30641	2315	5234	-17924
399	18564	54867	2185	1569	-20021
400	25219	80779	1938	-271	-20367
401	31962	106539	1469	0	-20245
402	31962	106539	1469	0	-20245
403	31962	106539	1469	0	-20245
404	31962	106539	1469	0	-20245
405	-24	-79	0	0	-794
406	0	0	0	0	-794
407	9015	-2591	-1342	-10399	7534
408	10786	-2613	-2414	15579	5396
409	3113	-4837	-1002	37424	-1944
410	-1266	-4548	-905	50669	-10246
411	3410	6870	1105	26461	-17773
412	9707	28971	2463	12514	-21561
413	16810	55001	2719	5253	-22098
414	24595	82104	2314	1066	-21888
415	32794	109314	1686	0	-21658
416	32794	109314	1686	0	-21658
417	32794	109314	1686	0	-21658
418	32794	109314	1686	0	-21658
419	-24	-79	0	0	-795
420	0	0	0	0	-795
421	-5004	-2561	-4484	-10625	4075
422	-6041	-12041	-6159	14498	-2259
423	-599	-11556	-13202	130539	-9146
424	-3770	-8594	-2599	54527	-23390
425	-1469	-2198	-386	24918	-31306
426	5017	25097	2690	12708	-26742
427	13828	54718	2818	6862	-24768
428	23085	83349	2100	2697	-23835
429	33754	112515	1349	0	-23500
430	33754	112515	1349	0	-23500
431	33754	112515	1349	0	-23500
432	33754	112515	1349	0	-23500
433	-24	-79	0	0	-794
434	0	0	0	0	-794
435	-8080	27176	-34	5158	-11442
436	-712	93544	106	8922	3847
437	-22512	-28257	5503	-1593	-59812

In	Mx	My	Mxy	Tx	Ty
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*
438	-10257	-40615	1419	7893	-88223
439	-3631	-9463	3153	6517	-39638
440	1479	22434	3632	7095	-29806
441	10152	54509	2754	7055	-26452
442	20360	84188	1101	4856	-25430
443	34589	115296	226	0	-25186
444	34589	115296	226	0	-25186
445	34589	115296	226	0	-25186
446	34589	115296	226	0	-25186
447	-24	-80	0	0	-798
448	3	1	0	3	-798
449	-8553	-2061	14084	43158	1674
450	-7656	-11166	20203	-125	-2982
451	-2548	-14386	47102	-45246	-13727
452	-4754	-12039	11811	-14808	-29943
453	-2005	-4841	7531	-4190	-34521
454	346	23312	4739	1010	-28551
455	6167	54856	2882	7394	-26546
456	15679	84066	88	7959	-26049
457	34970	116568	-354	0	-26010
458	34970	116568	-354	0	-26010
459	34970	116568	-354	0	-26010
460	34970	116568	-354	0	-26010
461	-23	-76	-4	0	-774
462	-5	-1	-4	1	-774
463	-3086	-4283	5661	44368	7561
464	1726	-4724	8947	-2717	5043
465	-653	-8165	5221	-12080	-3252
466	-3060	-8177	6733	-14987	-14569
467	-727	876	5000	-5173	-23786
468	402	25459	4203	-637	-26726
469	2991	55857	2262	5994	-26344
470	6555	82769	-306	9801	-25868
471	34661	115538	-1465	0	-25656
472	34661	115538	-1465	0	-25656
473	34661	115538	-1465	0	-25656
474	34661	115538	-1465	0	-25656
475	-24	-78	18	0	-791
476	5	3	6	-11	-787
477	51	1817	3091	32683	25704
478	611	-1997	1460	-1672	25528
479	2337	-4858	2645	-6186	5162
480	112	-5036	2144	-7332	-11020
481	-48	3752	4181	-4220	-24543
482	516	26354	3964	-526	-30930
483	498	51418	3342	4213	-29673
484	-302	80352	-673	9831	-23843
485	34972	116573	-3534	0	-20397
486	34972	116573	-3534	0	-20397
487	34972	116573	-3534	0	-20397
488	-27	-91	-13	0	-835
489	28	0	-12	-17	-835

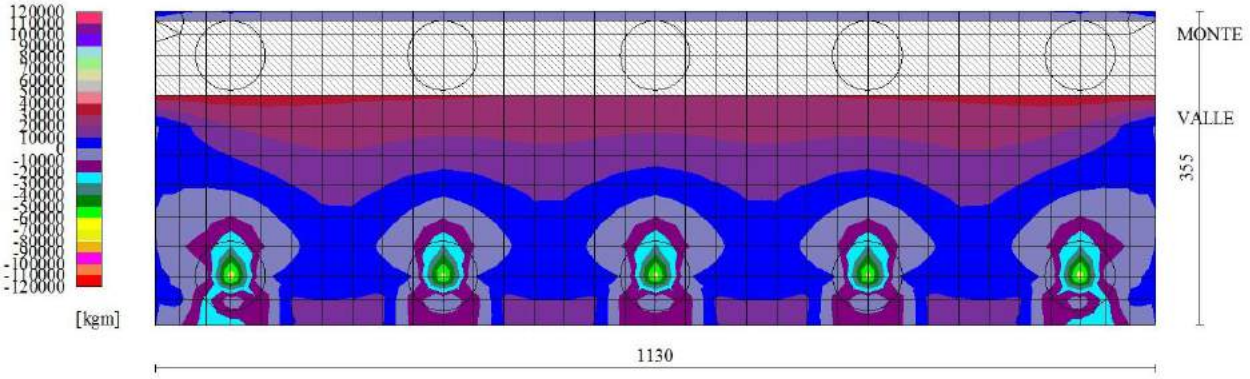

Fig. 22 - Piastra fondazione - Momenti Mx (Combinazione n° 2)

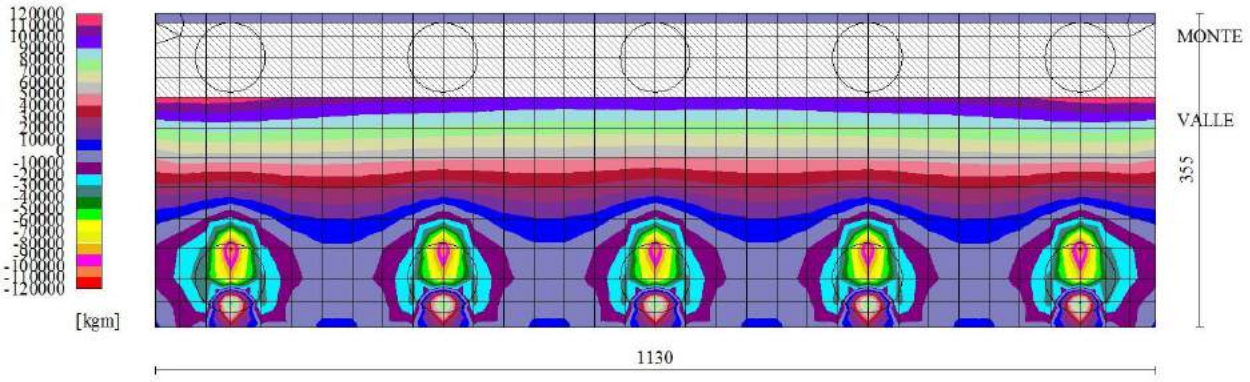

Fig. 23 - Piastra fondazione - Momenti My (Combinazione n° 2)

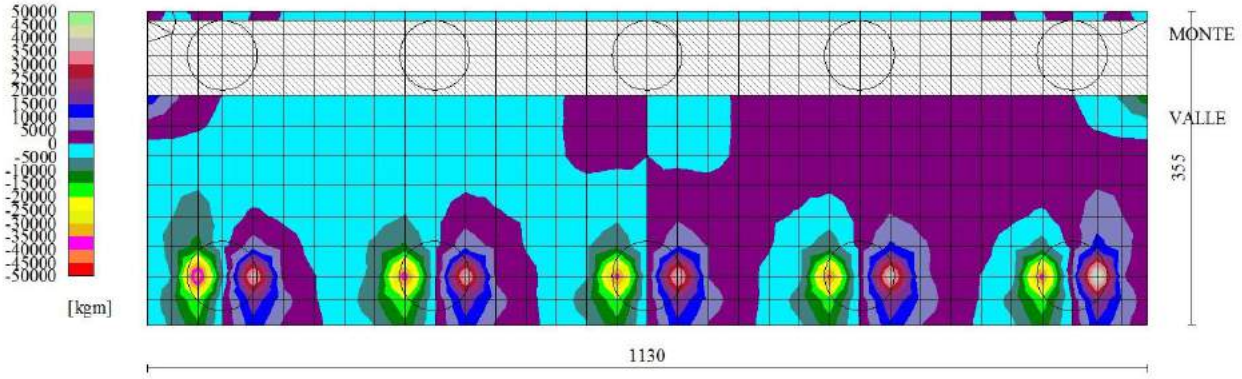

Fig. 24 - Piastra fondazione - Momento Mxy (Combinazione n° 2)

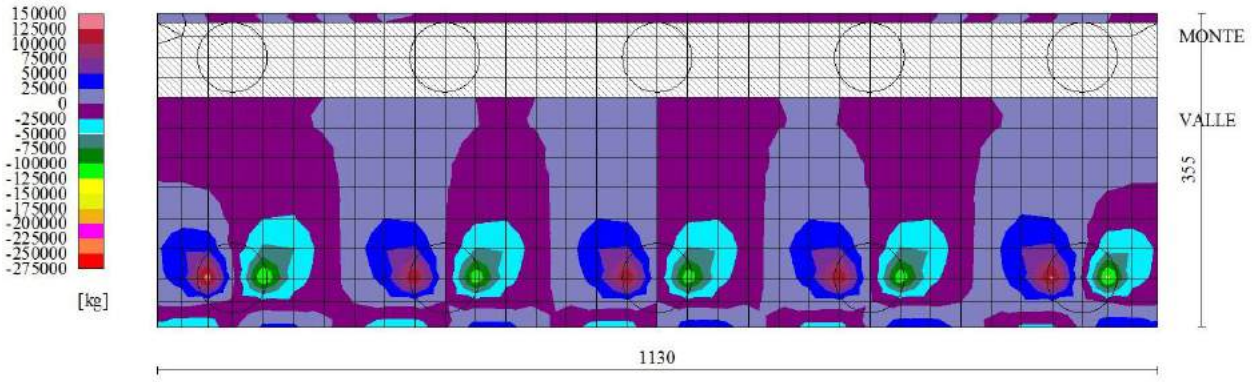

Fig. 25 - Piastra fondazione - Taglio Tx (Combinazione n° 2)

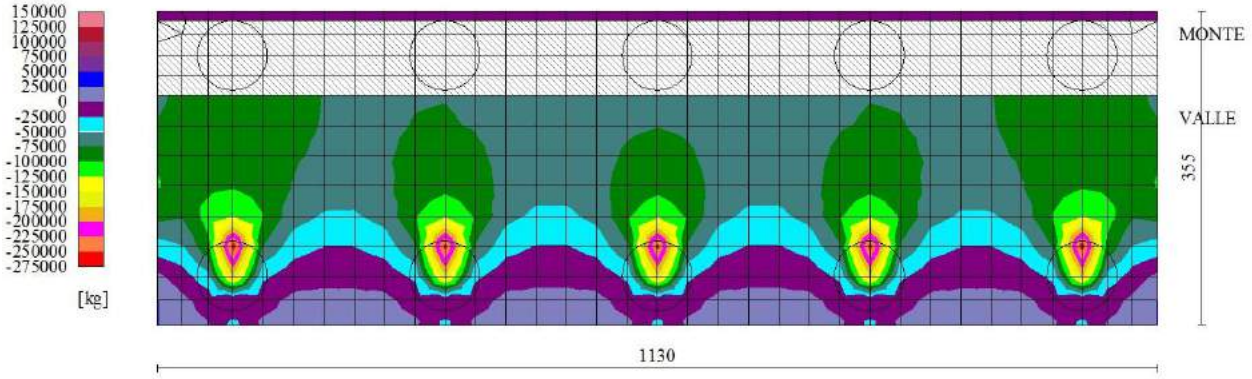

Fig. 26 - Piastra fondazione - Taglio Ty (Combinazione n° 2)

Sollecitazioni pali

Simbologia adottata
N Sforzo normale, espresso in [kg]. Positivo se di compressione.
T Taglio, espresso in [kg]. Positivo se diretto da monte verso valle
M Momento, espresso in [kgm]. Positivo se tende le fibre contro terra (a monte)

Combinazione n° 1 - STR (A1-M1-R3)

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	*[kg]*	*[kg]*	*[kg]*	*[kg]*	*[kgm]*	*[kgm]*
1	0.00	-75811	-518366	-28356	-52536	-88588	-164128
7	1.32	-73346	-515247	-28356	-52536	-51158	-94783
28	5.94	-63739	-500345	199	-397	50609	97065
40	8.58	-56404	-484608	9508	18245	33974	66075
101	22.00	0	0	-35	-69	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	*[kg]*	*[kg]*	*[kg]*	*[kg]*	*[kgm]*	*[kgm]*
1	0.00	138444	518366	-28356	-52536	-88588	-164128
7	1.32	139105	515247	-28356	-52536	-51158	-94783
21	4.40	140463	507317	-19749	-39294	35191	65608
28	5.94	140202	500345	199	-397	50609	97065
40	8.58	138544	484607	9508	18245	33974	66075

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
101	22.00	106442	0	-35	-69	0	0

Combinazione n° 2 - STR (A1-M1-R3) H + V

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-114169	-518361	-39836	-52495	-124551	-164128
13	2.64	-107954	-512124	-39836	-52495	-19384	-25544
28	5.94	-98427	-500340	262	-411	71021	96857
40	8.58	-87892	-484603	13343	18206	47697	65950
101	22.00	0	0	-50	-69	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	185659	518353	-39836	-52495	-124551	-164128
13	2.64	186412	512116	-39836	-52495	-19384	-25544
19	3.96	186788	508997	-39836	-52495	33199	43750
28	5.94	185795	500332	262	-411	71021	96857
40	8.58	182723	484595	13343	18206	47697	65950
101	22.00	136701	0	-50	-69	0	0

Combinazione n° 3 - STR (A1-M1-R3) H - V

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-92997	-518342	-31895	-52467	-99775	-164128
8	1.54	-89785	-514703	-31895	-52467	-50657	-83332
28	5.94	-79280	-500320	200	-420	56820	96713
40	8.58	-70512	-484583	10675	18179	38171	65864
101	22.00	0	0	-40	-69	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	146414	518366	-31895	-52467	-99775	-164128
8	1.54	147128	514728	-31895	-52467	-50657	-83332
20	4.18	148271	508180	-26858	-46018	33544	55180
28	5.94	147898	500344	200	-420	56820	96713
40	8.58	146002	484606	10675	18179	38171	65864
101	22.00	111550	0	-40	-69	0	0

Combinazione n° 10 - SLER

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-26274	-518358	-16896	-51086	-54282	-164128
8	1.54	-24312	-514720	-16896	-51086	-28263	-85456
29	6.16	-18393	-499208	888	2335	28995	90048
40	8.58	-15246	-484600	5444	16894	19751	61836
101	22.00	2745	0	-21	-64	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	83319	518338	-16896	-51086	-54282	-164128
8	1.54	84476	514700	-16896	-51086	-28263	-85456
29	6.16	87010	499189	888	2335	28995	90048
34	7.26	87096	493047	4267	13065	26289	81998
40	8.58	86965	484580	5444	16894	19751	61836
101	22.00	71114	0	-21	-64	0	0

Combinazione n° 11 - SLEF

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-12584	-314331	-14117	-50096	-46251	-164128
16	3.30	-7806	-306533	-14117	-50096	335	1188
29	6.16	-3312	-295178	577	1792	23547	85349
41	8.80	1294	-279040	4418	16017	15236	55581
101	22.00	30125	0	-17	-61	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	68164	518346	-14117	-50096	-46251	-164128
16	3.30	70871	510550	-14117	-50096	335	1188
29	6.16	72408	499197	577	1792	23547	85349
40	8.58	72784	484588	4417	15999	16208	59100
41	8.80	72782	483061	4418	16017	15236	55581
101	22.00	61402	0	-17	-61	0	0

Combinazione n° 12 - SLEQ

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	*[kg]*	*[kg]*	*[kg]*	*[kg]*	*[kgm]*	*[kgm]*
1	0.00	-6094	-152180	-12787	-49500	-42398	-164128
6	1.10	-4411	-150423	-12787	-49500	-28333	-109679
29	6.16	3837	-140234	430	1466	20946	82520
41	8.80	8998	-131221	3931	15490	13652	54052
101	22.00	43103	0	-15	-60	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	*[kg]*	*[kg]*	*[kg]*	*[kg]*	*[kgm]*	*[kgm]*
1	0.00	60956	518345	-12787	-49500	-42398	-164128
6	1.10	61895	515747	-12787	-49500	-28333	-109679
29	6.16	65463	499196	430	1466	20946	82520
41	8.80	66058	483059	3931	15490	13652	54052
44	9.46	66080	478278	3775	14900	11080	43914
101	22.00	56783	0	-15	-60	0	0

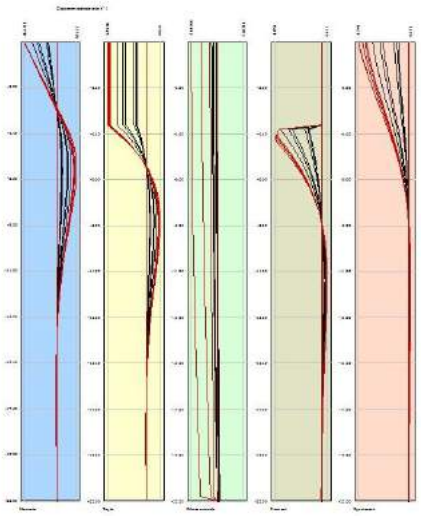

Fig. 27 - Sollecitazioni palo (Palo n° 1) (Inviluppo)

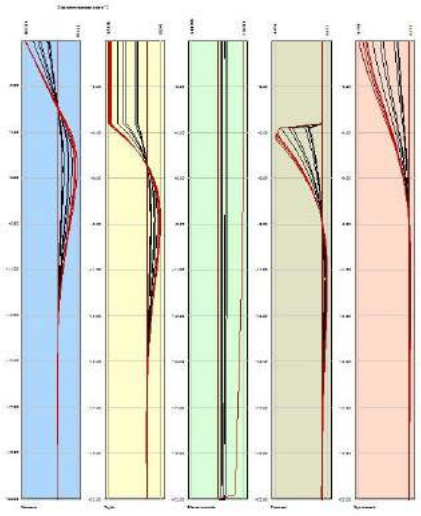

Fig. 28 - Sollecitazioni palo (Palo n° 2) (Inviluppo)

Verifiche strutturali

Verifiche a flessione

Elementi calcolati a trave
Simbologia adottata
n° indice sezione
Y ordinata sezione espressa in [m]
B larghezza sezione espresso in [cm]
H altezza sezione espressa in [cm]
Afi area ferri inferiori espresso in [cmq]
Afs area ferri superiori espressa in [cmq]
M momento agente espressa in [kgm]
N sforzo normale agente espressa in [kg]
Mu momento ultimi espresso in [kgm]
Nu sforzo normale ultimo espressa in [kg]
FS fattore di sicurezza (rapporto tra sollecitazione ultima e sollecitazione agente)
Elementi calcolati a piastra
Simbologia adottata
n° indice sezione
Y ordinata sezione espressa in [m]
B larghezza sezione espresso in [cm]
H altezza sezione espressa in [cm]
Afi, Afs area ferri inferiori e superiori, espresso in [cmq]

Mp, Mn momento positivo e negativo agente espressa in [kgm]
Mu momento ultimi espresso in [kgm]
FS fattore di sicurezza (rapporto tra sollecitazione ultima e sollecitazione agente)

Paramento

Combinazione n° 1 - STR (A1-M1-R3)

n°	Y	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	0.00	100	40	12.57	12.57	0	0	0	0	1000.000
2	-0.35	100	42	12.57	12.57	-2	357	0	0	1000.000
3	-0.70	100	44	12.57	12.57	-8	732	0	0	1000.000
4	-1.04	100	46	12.57	12.57	-12	1126	-8966	812045	721.175
5	-1.39	100	49	12.57	12.57	13	1538	7323	844676	549.099
6	-1.74	100	51	12.57	12.57	111	1969	46224	821912	417.414
7	-2.09	100	53	12.57	12.57	321	2418	80200	604303	249.887
8	-2.43	100	55	12.57	12.57	685	2886	88566	373056	129.263
9	-2.78	100	57	12.57	12.57	1245	3372	67252	182214	54.034
10	-3.13	100	59	12.57	12.57	2041	3877	50481	95906	24.738
11	-3.48	100	61	12.57	12.57	3114	4400	44339	62641	14.237
12	-3.82	100	63	12.57	12.57	4508	4942	41163	45127	9.132
13	-4.17	100	66	12.57	12.57	6261	5502	39733	34914	6.346
14	-4.52	100	68	12.57	12.57	8417	6080	39167	28295	4.654
15	-4.87	100	70	12.57	12.57	11015	6677	39089	23695	3.549
16	-5.21	100	72	12.57	12.57	14099	7293	39313	20335	2.788
17	-5.56	100	74	12.57	12.57	17709	7927	39736	17787	2.244
18	-5.91	100	76	12.57	12.57	21885	8579	40296	15797	1.841
19	-6.26	100	78	12.57	12.57	26654	9250	40958	14215	1.537
20	-6.60	100	80	12.57	12.57	32022	9940	41700	12944	1.302
21	-6.95	100	83	12.57	18.85	37990	10648	63311	17745	1.667
22	-7.30	100	85	12.57	18.85	44560	11374	64597	16489	1.450

Combinazione n° 2 - STR (A1-M1-R3) H + V

n°	Y	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	0.00	100	40	12.57	12.57	0	0	0	0	1000.000
2	-0.35	100	42	12.57	12.57	20	357	0	0	1000.000
3	-0.70	100	44	12.57	12.57	93	732	60297	473587	646.807
4	-1.04	100	46	12.57	12.57	243	1126	64437	298246	264.871
5	-1.39	100	49	12.57	12.57	492	1538	52827	165137	107.351
6	-1.74	100	51	12.57	12.57	862	1969	42685	97500	49.516
7	-2.09	100	53	12.57	12.57	1375	2418	38497	67685	27.989
8	-2.43	100	55	12.57	12.57	2055	2886	36704	51556	17.864
9	-2.78	100	57	12.57	12.57	2922	3372	35706	41203	12.218
10	-3.13	100	59	12.57	12.57	4010	3877	35362	34190	8.819

n°	Y	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
11	-3.48	100	61	12.57	12.57	5367	4400	35362	28989	6.588
12	-3.82	100	63	12.57	12.57	7049	4942	35579	24942	5.047
13	-4.17	100	66	12.57	12.57	9109	5502	35952	21714	3.947
14	-4.52	100	68	12.57	12.57	11602	6080	36442	19098	3.141
15	-4.87	100	70	12.57	12.57	14582	6677	37026	16955	2.539
16	-5.21	100	72	12.57	12.57	18103	7293	37686	15182	2.082
17	-5.56	100	74	12.57	12.57	22218	7927	38406	13702	1.729
18	-5.91	100	76	12.57	12.57	26984	8579	39175	12456	1.452
19	-6.26	100	78	12.57	12.57	32452	9250	39986	11398	1.232
20	-6.60	100	80	12.57	12.57	38668	9940	40831	10496	1.056
21	-6.95	100	83	12.57	18.85	45670	10648	62133	14486	1.360
22	-7.30	100	85	12.57	18.85	53511	11374	63486	13495	1.186

Combinazione n° 3 - STR (A1-M1-R3) H - V

n°	Y	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	0.00	100	40	12.57	12.57	0	0	0	0	1000.000
2	-0.35	100	42	12.57	12.57	18	357	0	0	1000.000
3	-0.70	100	44	12.57	12.57	82	732	57605	516630	705.594
4	-1.04	100	46	12.57	12.57	204	1126	68482	377641	335.382
5	-1.39	100	49	12.57	12.57	399	1538	63422	244243	158.775
6	-1.74	100	51	12.57	12.57	681	1969	54013	156159	79.306
7	-2.09	100	53	12.57	12.57	1063	2418	46409	105605	43.669
8	-2.43	100	55	12.57	12.57	1558	2886	42793	79264	27.465
9	-2.78	100	57	12.57	12.57	2181	3372	41140	63607	18.862
10	-3.13	100	59	12.57	12.57	2954	3877	40096	52616	13.572
11	-3.48	100	61	12.57	12.57	3920	4400	39439	44274	10.062
12	-3.82	100	63	12.57	12.57	5122	4942	39119	37740	7.637
13	-4.17	100	66	12.57	12.57	6608	5502	39044	32509	5.909
14	-4.52	100	68	12.57	12.57	8422	6080	39161	28274	4.650
15	-4.87	100	70	12.57	12.57	10609	6677	39433	24819	3.717
16	-5.21	100	72	12.57	12.57	13217	7293	39833	21980	3.014
17	-5.56	100	74	12.57	12.57	16289	7927	40336	19630	2.476
18	-5.91	100	76	12.57	12.57	19871	8579	40924	17669	2.059
19	-6.26	100	78	12.57	12.57	24009	9250	41582	16021	1.732
20	-6.60	100	80	12.57	12.57	28738	9940	42299	14630	1.472
21	-6.95	100	83	12.57	18.85	34088	10648	64138	20034	1.882
22	-7.30	100	85	12.57	18.85	40103	11374	65357	18537	1.630

Fondazione

Combinazione n° 1 - STR (A1-M1-R3)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-1-P	8.04	8.04	977	-335	30083	30.779
1-2-P	8.04	8.04	646	-2312	-30083	13.013
1-3-P	8.04	8.04	1795	-10327	-30083	2.913
1-4-P	8.04	8.04	216	-18047	-30083	1.667
1-5-P	8.04	8.04	149	-16637	-30083	1.808
1-6-P	8.04	8.04	2446	-8432	-30083	3.568
1-7-P	8.04	8.04	3036	-1347	30083	7.928
1-8-P	8.04	8.04	5308	-56	30083	5.668
1-9-P	8.04	8.04	6729	-12	30083	4.471
1-10-P	8.04	8.04	6949	-81	30083	4.329
1-11-P	8.04	8.04	5653	-539	30083	5.322
1-12-P	8.04	8.04	3856	-3586	30083	7.801
1-13-P	8.04	8.04	1889	-9296	-30083	3.236
1-14-P	8.04	8.04	55	-18004	-30083	1.671
1-15-P	8.04	8.04	375	-12680	-30083	2.372
1-16-P	8.04	8.04	2647	-5819	-30083	5.170
1-17-P	8.04	8.04	4483	-514	30083	6.711
1-18-P	8.04	8.04	5985	-53	30083	5.026
1-19-P	8.04	8.04	6675	-1	30083	4.507
1-20-P	8.04	8.04	6332	-68	30083	4.751
1-21-P	8.04	8.04	4839	-527	30083	6.217
1-22-P	8.04	8.04	2960	-4775	-30083	6.300
1-23-P	8.04	8.04	526	-10781	-30083	2.790
1-24-P	8.04	8.04	0	-20805	-30083	1.446
1-25-P	8.04	8.04	526	-10781	-30083	2.790
1-26-P	8.04	8.04	2960	-4775	-30083	6.300
1-27-P	8.04	8.04	4839	-527	30083	6.217
1-28-P	8.04	8.04	6332	-68	30083	4.751
1-29-P	8.04	8.04	6675	-1	30083	4.507
1-30-P	8.04	8.04	5985	-53	30083	5.026
1-31-P	8.04	8.04	4483	-514	30083	6.711
1-32-P	8.04	8.04	2647	-5819	-30083	5.170
1-33-P	8.04	8.04	375	-12680	-30083	2.372
1-34-P	8.04	8.04	55	-18004	-30083	1.671
1-35-P	8.04	8.04	1889	-9296	-30083	3.236
1-36-P	8.04	8.04	3856	-3586	30083	7.801
1-37-P	8.04	8.04	5653	-539	30083	5.322
1-38-P	8.04	8.04	6949	-81	30083	4.329
1-39-P	8.04	8.04	6729	-12	30083	4.471
1-40-P	8.04	8.04	5308	-56	30083	5.668
1-41-P	8.04	8.04	3036	-1347	30083	7.928
1-42-P	8.04	8.04	2446	-8432	-30083	3.568
1-43-P	8.04	8.04	149	-16637	-30083	1.808
1-44-P	8.04	8.04	216	-18047	-30083	1.667
1-45-P	8.04	8.04	1795	-10327	-30083	2.913
1-46-P	8.04	8.04	646	-2312	-30083	13.013
1-47-P	8.04	8.04	977	-335	30083	30.779
2-1-P	8.04	8.04	633	-542	-30083	44.363
2-2-P	8.04	8.04	489	-1904	-30083	12.638

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
2-3-P	8.04	8.04	571	-3414	-30083	7.049
2-4-P	8.04	8.04	514	-5535	-30083	4.400
2-5-P	8.04	8.04	776	-4901	-30083	4.385
2-6-P	8.04	8.04	1423	-1865	-30083	9.676
2-7-P	8.04	8.04	2890	-362	30083	8.329
2-8-P	8.04	8.04	5090	-1	30083	5.910
2-9-P	8.04	8.04	6694	0	30083	4.494
2-10-P	8.04	8.04	6796	0	30083	4.427
2-11-P	8.04	8.04	4873	-162	30083	6.174
2-12-P	8.04	8.04	3125	-858	30083	9.625
2-13-P	8.04	8.04	1854	-2381	-30083	7.581
2-14-P	8.04	8.04	1231	-5297	-30083	3.786
2-15-P	8.04	8.04	1381	-3648	-30083	5.105
2-16-P	8.04	8.04	2010	-1209	30083	8.978
2-17-P	8.04	8.04	3466	-135	30083	8.679
2-18-P	8.04	8.04	5468	-1	30083	5.502
2-19-P	8.04	8.04	6322	0	30083	4.758
2-20-P	8.04	8.04	5859	0	30083	5.135
2-21-P	8.04	8.04	3789	-167	30083	7.940
2-22-P	8.04	8.04	2176	-1103	-30083	10.908
2-23-P	8.04	8.04	1323	-3216	-30083	5.612
2-24-P	8.04	8.04	962	-6335	-30083	3.166
2-25-P	8.04	8.04	1323	-3216	-30083	5.612
2-26-P	8.04	8.04	2176	-1103	-30083	10.908
2-27-P	8.04	8.04	3789	-167	30083	7.940
2-28-P	8.04	8.04	5859	0	30083	5.135
2-29-P	8.04	8.04	6322	0	30083	4.758
2-30-P	8.04	8.04	5468	-1	30083	5.502
2-31-P	8.04	8.04	3466	-135	30083	8.679
2-32-P	8.04	8.04	2010	-1209	30083	8.978
2-33-P	8.04	8.04	1381	-3648	-30083	5.105
2-34-P	8.04	8.04	1231	-5297	-30083	3.786
2-35-P	8.04	8.04	1854	-2381	-30083	7.581
2-36-P	8.04	8.04	3125	-858	30083	9.625
2-37-P	8.04	8.04	4873	-162	30083	6.174
2-38-P	8.04	8.04	6796	0	30083	4.427
2-39-P	8.04	8.04	6694	0	30083	4.494
2-40-P	8.04	8.04	5090	-1	30083	5.910
2-41-P	8.04	8.04	2890	-362	30083	8.329
2-42-P	8.04	8.04	1423	-1865	-30083	9.676
2-43-P	8.04	8.04	776	-4901	-30083	4.385
2-44-P	8.04	8.04	514	-5535	-30083	4.400
2-45-P	8.04	8.04	571	-3414	-30083	7.049
2-46-P	8.04	8.04	489	-1904	-30083	12.638
2-47-P	8.04	8.04	633	-542	-30083	44.363
3-1-P	8.04	8.04	4428	-91	30083	6.794
3-2-P	8.04	8.04	6453	0	30083	4.662
3-3-P	8.04	8.04	9061	0	30083	3.320
3-4-P	8.04	8.04	11162	0	30083	2.695
3-5-P	8.04	8.04	12616	0	30083	2.385
3-6-P	8.04	8.04	13696	0	30083	2.196
3-7-P	8.04	8.04	14499	0	30083	2.075
3-8-P	8.04	8.04	15006	0	30083	2.005
3-9-P	8.04	8.04	15247	0	30083	1.973

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
3-10-P	8.04	8.04	15181	0	30083	1.982
3-11-P	8.04	8.04	14740	0	30083	2.041
3-12-P	8.04	8.04	14219	0	30083	2.116
3-13-P	8.04	8.04	13690	0	30083	2.197
3-14-P	8.04	8.04	13364	0	30083	2.251
3-15-P	8.04	8.04	13367	0	30083	2.251
3-16-P	8.04	8.04	13563	0	30083	2.218
3-17-P	8.04	8.04	13918	0	30083	2.161
3-18-P	8.04	8.04	14193	0	30083	2.120
3-19-P	8.04	8.04	14274	0	30083	2.108
3-20-P	8.04	8.04	14158	0	30083	2.125
3-21-P	8.04	8.04	13775	0	30083	2.184
3-22-P	8.04	8.04	13325	0	30083	2.258
3-23-P	8.04	8.04	12957	0	30083	2.322
3-24-P	8.04	8.04	12743	0	30083	2.361
3-25-P	8.04	8.04	12957	0	30083	2.322
3-26-P	8.04	8.04	13325	0	30083	2.258
3-27-P	8.04	8.04	13775	0	30083	2.184
3-28-P	8.04	8.04	14158	0	30083	2.125
3-29-P	8.04	8.04	14274	0	30083	2.108
3-30-P	8.04	8.04	14193	0	30083	2.120
3-31-P	8.04	8.04	13918	0	30083	2.161
3-32-P	8.04	8.04	13563	0	30083	2.218
3-33-P	8.04	8.04	13367	0	30083	2.251
3-34-P	8.04	8.04	13364	0	30083	2.251
3-35-P	8.04	8.04	13690	0	30083	2.197
3-36-P	8.04	8.04	14219	0	30083	2.116
3-37-P	8.04	8.04	14740	0	30083	2.041
3-38-P	8.04	8.04	15181	0	30083	1.982
3-39-P	8.04	8.04	15247	0	30083	1.973
3-40-P	8.04	8.04	15006	0	30083	2.005
3-41-P	8.04	8.04	14499	0	30083	2.075
3-42-P	8.04	8.04	13696	0	30083	2.196
3-43-P	8.04	8.04	12616	0	30083	2.385
3-44-P	8.04	8.04	11162	0	30083	2.695
3-45-P	8.04	8.04	9061	0	30083	3.320
3-46-P	8.04	8.04	6453	0	30083	4.662
3-47-P	8.04	8.04	4428	-91	30083	6.794
5-1-P	4.02	4.02	1	-1	14789	100.000
5-2-P	4.02	4.02	0	-1	14789	100.000
5-3-P	4.02	4.02	0	-2	-14789	100.000
5-4-P	4.02	4.02	0	-1	-14789	100.000
5-5-P	4.02	4.02	0	-1	-14789	100.000
5-6-P	4.02	4.02	0	-1	-14789	100.000
5-7-P	4.02	4.02	0	-1	-14789	100.000
5-8-P	4.02	4.02	0	-1	-14789	100.000
5-9-P	4.02	4.02	0	-1	-14789	100.000
5-10-P	4.02	4.02	0	-1	-14789	100.000
5-11-P	4.02	4.02	0	-1	-14789	100.000
5-12-P	4.02	4.02	0	-1	-14789	100.000
5-13-P	4.02	4.02	0	-1	-14789	100.000
5-14-P	4.02	4.02	0	-1	-14789	100.000
5-15-P	4.02	4.02	0	-1	-14789	100.000
5-16-P	4.02	4.02	0	-1	-14789	100.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
5-17-P	4.02	4.02	0	-1	-14789	100.000
5-18-P	4.02	4.02	0	-1	-14789	100.000
5-19-P	4.02	4.02	0	-1	-14789	100.000
5-20-P	4.02	4.02	0	-1	-14789	100.000
5-21-P	4.02	4.02	0	-1	-14789	100.000
5-22-P	4.02	4.02	0	-1	-14789	100.000
5-23-P	4.02	4.02	0	-1	-14789	100.000
5-24-P	4.02	4.02	0	-1	-14789	100.000
5-25-P	4.02	4.02	0	-1	-14789	100.000
5-26-P	4.02	4.02	0	-1	-14789	100.000
5-27-P	4.02	4.02	0	-1	-14789	100.000
5-28-P	4.02	4.02	0	-1	-14789	100.000
5-29-P	4.02	4.02	0	-1	-14789	100.000
5-30-P	4.02	4.02	0	-1	-14789	100.000
5-31-P	4.02	4.02	0	-1	-14789	100.000
5-32-P	4.02	4.02	0	-1	-14789	100.000
5-33-P	4.02	4.02	0	-1	-14789	100.000
5-34-P	4.02	4.02	0	-1	-14789	100.000
5-35-P	4.02	4.02	0	-1	-14789	100.000
5-36-P	4.02	4.02	0	-1	-14789	100.000
5-37-P	4.02	4.02	0	-1	-14789	100.000
5-38-P	4.02	4.02	0	-1	-14789	100.000
5-39-P	4.02	4.02	0	-1	-14789	100.000
5-40-P	4.02	4.02	0	-1	-14789	100.000
5-41-P	4.02	4.02	0	-1	-14789	100.000
5-42-P	4.02	4.02	0	-1	-14789	100.000
5-43-P	4.02	4.02	0	-1	-14789	100.000
5-44-P	4.02	4.02	0	-1	-14789	100.000
5-45-P	4.02	4.02	0	-2	-14789	100.000
5-46-P	4.02	4.02	0	-1	14789	100.000
5-47-P	4.02	4.02	1	-1	14789	100.000
6-1-S	31.42	12.57	4616	-3571	-46761	13.095
6-2-S	31.42	12.57	12865	-6705	-46761	6.974
6-3-S	31.42	12.57	631	-20066	-46761	2.330
6-4-S	31.42	12.57	193	-29202	-46761	1.601
6-5-S	31.42	12.57	1	-25604	-46761	1.826
6-6-S	31.42	12.57	621	-8824	-46761	5.299
6-7-S	31.42	12.57	8264	-243	115338	13.957
6-8-S	31.42	12.57	23185	0	115338	4.975
6-9-S	31.42	12.57	37639	0	115338	3.064
6-10-S	31.42	12.57	51231	0	115338	2.251
6-11-S	31.42	12.57	65610	0	115338	1.758
6-12-S	31.42	12.57	81097	0	115338	1.422
6-13-S	31.42	12.57	0	-94	-46761	100.000
6-14-S	31.42	12.57	2	-1	115338	100.000
7-1-S	31.42	12.57	1665	-3489	-46761	13.403
7-2-S	31.42	12.57	3277	-7915	-46761	5.908
7-3-S	31.42	12.57	842	-14635	-46761	3.195
7-4-S	31.42	12.57	297	-16456	-46761	2.842
7-5-S	31.42	12.57	35	-12327	-46761	3.613
7-6-S	31.42	12.57	2432	-3113	-46761	6.009
7-7-S	31.42	12.57	11833	-8	115338	9.747
7-8-S	31.42	12.57	24741	0	115338	4.662
7-9-S	31.42	12.57	37859	0	115338	3.046

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
7-10-S	31.42	12.57	50987	0	115338	2.262
7-11-S	31.42	12.57	64173	0	115338	1.797
7-12-S	31.42	12.57	77430	0	115338	1.490
7-13-S	31.42	12.57	0	-93	-46761	100.000
7-14-S	31.42	12.57	0	0	115338	100.000
8-1-S	28.27	12.57	827	-2601	-46768	10.787
8-2-S	28.27	12.57	567	-5181	-46768	9.027
8-3-S	28.27	12.57	711	-7040	-46768	6.643
8-4-S	28.27	12.57	516	-5908	-46768	7.916
8-5-S	28.27	12.57	604	-2727	-46768	10.290
8-6-S	28.27	12.57	5267	-249	104031	19.752
8-7-S	28.27	12.57	14683	0	104031	7.085
8-8-S	28.27	12.57	25499	0	104031	4.080
8-9-S	28.27	12.57	37249	0	104031	2.793
8-10-S	28.27	12.57	49346	0	104031	2.108
8-11-S	28.27	12.57	61388	0	104031	1.695
8-12-S	28.27	12.57	73315	0	104031	1.419
8-13-S	28.27	12.57	0	-93	-46768	100.000
8-14-S	28.27	12.57	0	0	0	1000000.000
9-1-S	28.27	15.71	6178	-2876	104105	16.851
9-2-S	28.27	15.71	14644	-7588	104105	4.265
9-3-S	28.27	15.71	1167	-23351	-58336	2.498
9-4-S	28.27	15.71	575	-34964	-58336	1.668
9-5-S	28.27	15.71	0	-30433	-58336	1.917
9-6-S	28.27	15.71	92	-9626	-58336	6.060
9-7-S	28.27	15.71	7287	-2	104105	14.287
9-8-S	28.27	15.71	22203	0	104105	4.689
9-9-S	28.27	15.71	35457	0	104105	2.936
9-10-S	28.27	15.71	47820	0	104105	2.177
9-11-S	28.27	15.71	59920	0	104105	1.737
9-12-S	28.27	15.71	71820	0	104105	1.450
9-13-S	28.27	15.71	0	-93	-58336	100.000
9-14-S	28.27	15.71	0	0	0	1000000.000
10-1-S	28.27	12.57	668	-1782	-46768	10.495
10-2-S	28.27	12.57	342	-3748	-46768	12.479
10-3-S	28.27	12.57	264	-5357	-46768	8.730
10-4-S	28.27	12.57	118	-4490	-46768	10.416
10-5-S	28.27	12.57	256	-1693	-46768	11.048
10-6-S	28.27	12.57	5211	0	104031	19.962
10-7-S	28.27	12.57	14266	0	104031	7.292
10-8-S	28.27	12.57	24441	0	104031	4.256
10-9-S	28.27	12.57	35548	0	104031	2.927
10-10-S	28.27	12.57	46996	0	104031	2.214
10-11-S	28.27	12.57	58380	0	104031	1.782
10-12-S	28.27	12.57	69637	0	104031	1.494
10-13-S	28.27	12.57	0	-93	-46768	100.000
10-14-S	28.27	12.57	0	0	0	1000000.000
11-1-S	28.27	12.57	3274	-3543	-46768	13.198
11-2-S	28.27	12.57	7322	-6919	-46768	6.759

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	*[cmq]*	*[kgm]*	*[kgm]*	*[kgm]*	
11-3-S	28.27	12.57	934	-16322	-46768	2.865
11-4-S	28.27	12.57	505	-21666	-46768	2.159
11-5-S	28.27	12.57	75	-17635	-46768	2.652
11-6-S	28.27	12.57	1754	-5135	-46768	5.464
11-7-S	28.27	12.57	9786	0	104031	10.630
11-8-S	28.27	12.57	22469	0	104031	4.630
11-9-S	28.27	12.57	34692	0	104031	2.999
11-10-S	28.27	12.57	46522	0	104031	2.236
11-11-S	28.27	12.57	58182	0	104031	1.788
11-12-S	28.27	12.57	69690	0	104031	1.493
11-13-S	28.27	12.57	0	-93	-46768	100.000
11-14-S	28.27	12.57	0	0	0	1000000.000
12-1-S	28.27	12.57	3274	-3543	-46768	13.198
12-2-S	28.27	12.57	7322	-6919	-46768	6.759
12-3-S	28.27	12.57	934	-16322	-46768	2.865
12-4-S	28.27	12.57	505	-21666	-46768	2.159
12-5-S	28.27	12.57	75	-17635	-46768	2.652
12-6-S	28.27	12.57	1754	-5135	-46768	5.464
12-7-S	28.27	12.57	9786	0	104031	10.630
12-8-S	28.27	12.57	22469	0	104031	4.630
12-9-S	28.27	12.57	34692	0	104031	2.999
12-10-S	28.27	12.57	46522	0	104031	2.236
12-11-S	28.27	12.57	58182	0	104031	1.788
12-12-S	28.27	12.57	69690	0	104031	1.493
12-13-S	28.27	12.57	0	-93	-46768	100.000
12-14-S	28.27	12.57	0	0	0	1000000.000
13-1-S	28.27	12.57	668	-1782	-46768	10.495
13-2-S	28.27	12.57	342	-3748	-46768	12.479
13-3-S	28.27	12.57	264	-5357	-46768	8.730
13-4-S	28.27	12.57	118	-4490	-46768	10.416
13-5-S	28.27	12.57	256	-1693	-46768	11.048
13-6-S	28.27	12.57	5211	0	104031	19.962
13-7-S	28.27	12.57	14266	0	104031	7.292
13-8-S	28.27	12.57	24441	0	104031	4.256
13-9-S	28.27	12.57	35548	0	104031	2.927
13-10-S	28.27	12.57	46996	0	104031	2.214
13-11-S	28.27	12.57	58380	0	104031	1.782
13-12-S	28.27	12.57	69637	0	104031	1.494
13-13-S	28.27	12.57	0	-93	-46768	100.000
13-14-S	28.27	12.57	0	0	0	1000000.000
14-1-S	28.27	15.71	6178	-2876	104105	16.851
14-2-S	28.27	15.71	14644	-7588	104105	4.265
14-3-S	28.27	15.71	1167	-23351	-58336	2.498
14-4-S	28.27	15.71	575	-34964	-58336	1.668
14-5-S	28.27	15.71	0	-30433	-58336	1.917
14-6-S	28.27	15.71	92	-9626	-58336	6.060
14-7-S	28.27	15.71	7287	-2	104105	14.287
14-8-S	28.27	15.71	22203	0	104105	4.689
14-9-S	28.27	15.71	35457	0	104105	2.936

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	*[cmq]*	*[kgm]*	*[kgm]*	*[kgm]*	
14-10-S	28.27	15.71	47820	0	104105	2.177
14-11-S	28.27	15.71	59920	0	104105	1.737
14-12-S	28.27	15.71	71820	0	104105	1.450
14-13-S	28.27	15.71	0	-93	-58336	100.000
14-14-S	28.27	15.71	0	0	0	1000000.000
15-1-S	28.27	12.57	827	-2601	-46768	10.787
15-2-S	28.27	12.57	567	-5181	-46768	9.027
15-3-S	28.27	12.57	711	-7040	-46768	6.643
15-4-S	28.27	12.57	516	-5908	-46768	7.916
15-5-S	28.27	12.57	604	-2727	-46768	10.290
15-6-S	28.27	12.57	5267	-249	104031	19.752
15-7-S	28.27	12.57	14683	0	104031	7.085
15-8-S	28.27	12.57	25499	0	104031	4.080
15-9-S	28.27	12.57	37249	0	104031	2.793
15-10-S	28.27	12.57	49346	0	104031	2.108
15-11-S	28.27	12.57	61388	0	104031	1.695
15-12-S	28.27	12.57	73315	0	104031	1.419
15-13-S	28.27	12.57	0	-93	-46768	100.000
15-14-S	28.27	12.57	0	0	0	1000000.000
16-1-S	31.42	12.57	1665	-3489	-46761	13.403
16-2-S	31.42	12.57	3277	-7915	-46761	5.908
16-3-S	31.42	12.57	842	-14635	-46761	3.195
16-4-S	31.42	12.57	297	-16456	-46761	2.842
16-5-S	31.42	12.57	35	-12327	-46761	3.613
16-6-S	31.42	12.57	2432	-3113	-46761	6.009
16-7-S	31.42	12.57	11833	-8	115338	9.747
16-8-S	31.42	12.57	24741	0	115338	4.662
16-9-S	31.42	12.57	37859	0	115338	3.046
16-10-S	31.42	12.57	50987	0	115338	2.262
16-11-S	31.42	12.57	64173	0	115338	1.797
16-12-S	31.42	12.57	77430	0	115338	1.490
16-13-S	31.42	12.57	0	-93	-46761	100.000
16-14-S	31.42	12.57	0	0	115338	100.000
17-1-S	31.42	12.57	4616	-3571	-46761	13.095
17-2-S	31.42	12.57	12865	-6705	-46761	6.974
17-3-S	31.42	12.57	631	-20066	-46761	2.330
17-4-S	31.42	12.57	193	-29202	-46761	1.601
17-5-S	31.42	12.57	1	-25604	-46761	1.826
17-6-S	31.42	12.57	621	-8824	-46761	5.299
17-7-S	31.42	12.57	8264	-243	115338	13.957
17-8-S	31.42	12.57	23185	0	115338	4.975
17-9-S	31.42	12.57	37639	0	115338	3.064
17-10-S	31.42	12.57	51231	0	115338	2.251
17-11-S	31.42	12.57	65610	0	115338	1.758
17-12-S	31.42	12.57	81097	0	115338	1.422
17-13-S	31.42	12.57	0	-94	-46761	100.000
17-14-S	31.42	12.57	2	-1	115338	100.000

Combinazione n° 2 - STR (A1-M1-R3) H + V

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-1-P	8.04	8.04	1343	-442	30083	22.394
1-2-P	8.04	8.04	936	-3139	-30083	9.583
1-3-P	8.04	8.04	2750	-14213	-30083	2.117
1-4-P	8.04	8.04	313	-24174	-30083	1.244
1-5-P	8.04	8.04	227	-22307	-30083	1.349
1-6-P	8.04	8.04	3644	-11681	-30083	2.575
1-7-P	8.04	8.04	4193	-2036	30083	5.739
1-8-P	8.04	8.04	6985	-101	30083	4.307
1-9-P	8.04	8.04	8804	-15	30083	3.417
1-10-P	8.04	8.04	9098	-125	30083	3.306
1-11-P	8.04	8.04	7455	-791	30083	4.035
1-12-P	8.04	8.04	5227	-5076	30083	5.755
1-13-P	8.04	8.04	2891	-13024	-30083	2.310
1-14-P	8.04	8.04	79	-24204	-30083	1.243
1-15-P	8.04	8.04	554	-17220	-30083	1.747
1-16-P	8.04	8.04	3711	-8228	-30083	3.656
1-17-P	8.04	8.04	5910	-799	30083	5.090
1-18-P	8.04	8.04	7778	-92	30083	3.868
1-19-P	8.04	8.04	8655	-2	30083	3.476
1-20-P	8.04	8.04	8226	-111	30083	3.657
1-21-P	8.04	8.04	6354	-796	30083	4.734
1-22-P	8.04	8.04	4073	-6765	-30083	4.447
1-23-P	8.04	8.04	803	-14773	-30083	2.036
1-24-P	8.04	8.04	0	-27928	-30083	1.077
1-25-P	8.04	8.04	803	-14773	-30083	2.036
1-26-P	8.04	8.04	4073	-6765	-30083	4.447
1-27-P	8.04	8.04	6354	-796	30083	4.734
1-28-P	8.04	8.04	8226	-111	30083	3.657
1-29-P	8.04	8.04	8655	-2	30083	3.476
1-30-P	8.04	8.04	7778	-92	30083	3.868
1-31-P	8.04	8.04	5910	-799	30083	5.090
1-32-P	8.04	8.04	3711	-8228	-30083	3.656
1-33-P	8.04	8.04	554	-17220	-30083	1.747
1-34-P	8.04	8.04	79	-24204	-30083	1.243
1-35-P	8.04	8.04	2891	-13024	-30083	2.310
1-36-P	8.04	8.04	5227	-5076	30083	5.755
1-37-P	8.04	8.04	7455	-791	30083	4.035
1-38-P	8.04	8.04	9098	-125	30083	3.306
1-39-P	8.04	8.04	8804	-15	30083	3.417
1-40-P	8.04	8.04	6985	-101	30083	4.307
1-41-P	8.04	8.04	4193	-2036	30083	5.739
1-42-P	8.04	8.04	3644	-11681	-30083	2.575
1-43-P	8.04	8.04	227	-22307	-30083	1.349
1-44-P	8.04	8.04	313	-24174	-30083	1.244
1-45-P	8.04	8.04	2750	-14213	-30083	2.117
1-46-P	8.04	8.04	936	-3139	-30083	9.583
1-47-P	8.04	8.04	1343	-442	30083	22.394
2-1-P	8.04	8.04	896	-759	-30083	31.726
2-2-P	8.04	8.04	650	-2609	-30083	9.224
2-3-P	8.04	8.04	757	-4654	-30083	5.171
2-4-P	8.04	8.04	649	-7644	-30083	3.186
2-5-P	8.04	8.04	972	-6831	-30083	3.146

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	*[cmq]*	*[kgm]*	*[kgm]*	*[kgm]*	
2-6-P	8.04	8.04	1806	-2659	-30083	6.788
2-7-P	8.04	8.04	3665	-609	30083	6.566
2-8-P	8.04	8.04	6479	0	30083	4.643
2-9-P	8.04	8.04	8631	-2	30083	3.485
2-10-P	8.04	8.04	8750	-4	30083	3.438
2-11-P	8.04	8.04	6153	-252	30083	4.889
2-12-P	8.04	8.04	3855	-1242	30083	7.803
2-13-P	8.04	8.04	2303	-3447	-30083	5.236
2-14-P	8.04	8.04	1503	-7563	-30083	2.652
2-15-P	8.04	8.04	1691	-5252	-30083	3.546
2-16-P	8.04	8.04	2444	-1800	-30083	6.683
2-17-P	8.04	8.04	4284	-279	30083	5.618
2-18-P	8.04	8.04	6908	-3	30083	4.355
2-19-P	8.04	8.04	8067	0	30083	3.729
2-20-P	8.04	8.04	7446	-8	30083	4.040
2-21-P	8.04	8.04	4680	-279	30083	6.427
2-22-P	8.04	8.04	2622	-1623	30083	9.180
2-23-P	8.04	8.04	1619	-4643	-30083	4.011
2-24-P	8.04	8.04	1162	-9019	-30083	2.383
2-25-P	8.04	8.04	1619	-4643	-30083	4.011
2-26-P	8.04	8.04	2622	-1623	30083	9.180
2-27-P	8.04	8.04	4680	-279	30083	6.427
2-28-P	8.04	8.04	7446	-8	30083	4.040
2-29-P	8.04	8.04	8067	0	30083	3.729
2-30-P	8.04	8.04	6908	-3	30083	4.355
2-31-P	8.04	8.04	4284	-279	30083	5.618
2-32-P	8.04	8.04	2444	-1800	-30083	6.683
2-33-P	8.04	8.04	1691	-5252	-30083	3.546
2-34-P	8.04	8.04	1503	-7563	-30083	2.652
2-35-P	8.04	8.04	2303	-3447	-30083	5.236
2-36-P	8.04	8.04	3855	-1242	30083	7.803
2-37-P	8.04	8.04	6153	-252	30083	4.889
2-38-P	8.04	8.04	8750	-4	30083	3.438
2-39-P	8.04	8.04	8631	-2	30083	3.485
2-40-P	8.04	8.04	6479	0	30083	4.643
2-41-P	8.04	8.04	3665	-609	30083	6.566
2-42-P	8.04	8.04	1806	-2659	-30083	6.788
2-43-P	8.04	8.04	972	-6831	-30083	3.146
2-44-P	8.04	8.04	649	-7644	-30083	3.186
2-45-P	8.04	8.04	757	-4654	-30083	5.171
2-46-P	8.04	8.04	650	-2609	-30083	9.224
2-47-P	8.04	8.04	896	-759	-30083	31.726
3-1-P	8.04	8.04	5952	-129	30083	5.054
3-2-P	8.04	8.04	8664	0	30083	3.472
3-3-P	8.04	8.04	12140	0	30083	2.478
3-4-P	8.04	8.04	14931	0	30083	2.015
3-5-P	8.04	8.04	16857	0	30083	1.785
3-6-P	8.04	8.04	18288	0	30083	1.645
3-7-P	8.04	8.04	19355	0	30083	1.554
3-8-P	8.04	8.04	20028	0	30083	1.502
3-9-P	8.04	8.04	20344	0	30083	1.479
3-10-P	8.04	8.04	20248	0	30083	1.486
3-11-P	8.04	8.04	19645	0	30083	1.531
3-12-P	8.04	8.04	18935	0	30083	1.589

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	*[cmq]*	*[kgm]*	*[kgm]*	*[kgm]*	
3-13-P	8.04	8.04	18215	0	30083	1.652
3-14-P	8.04	8.04	17773	0	30083	1.693
3-15-P	8.04	8.04	17781	0	30083	1.692
3-16-P	8.04	8.04	18053	0	30083	1.666
3-17-P	8.04	8.04	18542	0	30083	1.622
3-18-P	8.04	8.04	18919	0	30083	1.590
3-19-P	8.04	8.04	19033	0	30083	1.581
3-20-P	8.04	8.04	18877	0	30083	1.594
3-21-P	8.04	8.04	18357	0	30083	1.639
3-22-P	8.04	8.04	17745	0	30083	1.695
3-23-P	8.04	8.04	17245	0	30083	1.744
3-24-P	8.04	8.04	16952	0	30083	1.775
3-25-P	8.04	8.04	17245	0	30083	1.744
3-26-P	8.04	8.04	17745	0	30083	1.695
3-27-P	8.04	8.04	18357	0	30083	1.639
3-28-P	8.04	8.04	18877	0	30083	1.594
3-29-P	8.04	8.04	19033	0	30083	1.581
3-30-P	8.04	8.04	18919	0	30083	1.590
3-31-P	8.04	8.04	18542	0	30083	1.622
3-32-P	8.04	8.04	18053	0	30083	1.666
3-33-P	8.04	8.04	17781	0	30083	1.692
3-34-P	8.04	8.04	17773	0	30083	1.693
3-35-P	8.04	8.04	18215	0	30083	1.652
3-36-P	8.04	8.04	18935	0	30083	1.589
3-37-P	8.04	8.04	19645	0	30083	1.531
3-38-P	8.04	8.04	20248	0	30083	1.486
3-39-P	8.04	8.04	20344	0	30083	1.479
3-40-P	8.04	8.04	20028	0	30083	1.502
3-41-P	8.04	8.04	19355	0	30083	1.554
3-42-P	8.04	8.04	18288	0	30083	1.645
3-43-P	8.04	8.04	16857	0	30083	1.785
3-44-P	8.04	8.04	14931	0	30083	2.015
3-45-P	8.04	8.04	12140	0	30083	2.478
3-46-P	8.04	8.04	8664	0	30083	3.472
3-47-P	8.04	8.04	5952	-129	30083	5.054
5-1-P	4.02	4.02	1	-1	14789	100.000
5-2-P	4.02	4.02	0	-1	14789	100.000
5-3-P	4.02	4.02	0	-1	-14789	100.000
5-4-P	4.02	4.02	0	-1	-14789	100.000
5-5-P	4.02	4.02	0	-1	-14789	100.000
5-6-P	4.02	4.02	0	-1	-14789	100.000
5-7-P	4.02	4.02	0	-1	-14789	100.000
5-8-P	4.02	4.02	0	-1	-14789	100.000
5-9-P	4.02	4.02	0	-1	-14789	100.000
5-10-P	4.02	4.02	0	-1	-14789	100.000
5-11-P	4.02	4.02	0	-1	-14789	100.000
5-12-P	4.02	4.02	0	-1	-14789	100.000
5-13-P	4.02	4.02	0	-1	-14789	100.000
5-14-P	4.02	4.02	0	-1	-14789	100.000
5-15-P	4.02	4.02	0	-1	-14789	100.000
5-16-P	4.02	4.02	0	-1	-14789	100.000
5-17-P	4.02	4.02	0	-1	-14789	100.000
5-18-P	4.02	4.02	0	-1	-14789	100.000
5-19-P	4.02	4.02	0	-1	-14789	100.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
5-20-P	4.02	4.02	0	-1	-14789	100.000
5-21-P	4.02	4.02	0	-1	-14789	100.000
5-22-P	4.02	4.02	0	-1	-14789	100.000
5-23-P	4.02	4.02	0	-1	-14789	100.000
5-24-P	4.02	4.02	0	-1	-14789	100.000
5-25-P	4.02	4.02	0	-1	-14789	100.000
5-26-P	4.02	4.02	0	-1	-14789	100.000
5-27-P	4.02	4.02	0	-1	-14789	100.000
5-28-P	4.02	4.02	0	-1	-14789	100.000
5-29-P	4.02	4.02	0	-1	-14789	100.000
5-30-P	4.02	4.02	0	-1	-14789	100.000
5-31-P	4.02	4.02	0	-1	-14789	100.000
5-32-P	4.02	4.02	0	-1	-14789	100.000
5-33-P	4.02	4.02	0	-1	-14789	100.000
5-34-P	4.02	4.02	0	-1	-14789	100.000
5-35-P	4.02	4.02	0	-1	-14789	100.000
5-36-P	4.02	4.02	0	-1	-14789	100.000
5-37-P	4.02	4.02	0	-1	-14789	100.000
5-38-P	4.02	4.02	0	-1	-14789	100.000
5-39-P	4.02	4.02	0	-1	-14789	100.000
5-40-P	4.02	4.02	0	-1	-14789	100.000
5-41-P	4.02	4.02	0	-1	-14789	100.000
5-42-P	4.02	4.02	0	-1	-14789	100.000
5-43-P	4.02	4.02	0	-1	-14789	100.000
5-44-P	4.02	4.02	0	-1	-14789	100.000
5-45-P	4.02	4.02	0	-1	-14789	100.000
5-46-P	4.02	4.02	0	-1	14789	100.000
5-47-P	4.02	4.02	1	-1	14789	100.000
6-1-S	31.42	12.57	6456	-4987	-46761	9.376
6-2-S	31.42	12.57	15635	-10173	-46761	4.597
6-3-S	31.42	12.57	899	-27813	-46761	1.681
6-4-S	31.42	12.57	273	-41199	-46761	1.135
6-5-S	31.42	12.57	1	-37046	-46761	1.262
6-6-S	31.42	12.57	527	-13230	-46761	3.535
6-7-S	31.42	12.57	9357	-485	115338	12.327
6-8-S	31.42	12.57	29600	0	115338	3.896
6-9-S	31.42	12.57	49392	0	115338	2.335
6-10-S	31.42	12.57	68074	0	115338	1.694
6-11-S	31.42	12.57	87835	0	115338	1.313
6-12-S	31.42	12.57	109147	0	115338	1.057
6-13-S	31.42	12.57	0	-76	-46761	100.000
6-14-S	31.42	12.57	2	-1	115338	100.000
7-1-S	31.42	12.57	2379	-4932	-46761	9.481
7-2-S	31.42	12.57	4864	-10610	-46761	4.407
7-3-S	31.42	12.57	1096	-20390	-46761	2.293
7-4-S	31.42	12.57	427	-23572	-46761	1.984
7-5-S	31.42	12.57	18	-18366	-46761	2.546
7-6-S	31.42	12.57	2412	-5116	-46761	5.484
7-7-S	31.42	12.57	14281	-16	115338	8.076
7-8-S	31.42	12.57	31851	0	115338	3.621
7-9-S	31.42	12.57	49766	0	115338	2.318
7-10-S	31.42	12.57	67753	0	115338	1.702
7-11-S	31.42	12.57	85844	0	115338	1.344
7-12-S	31.42	12.57	104057	0	115338	1.108

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
7-13-S	31.42	12.57	0	-75	-46761	100.000
7-14-S	31.42	12.57	0	0	0	1000000.000
8-1-S	28.27	12.57	1150	-3633	-46768	7.725
8-2-S	28.27	12.57	782	-7330	-46768	6.381
8-3-S	28.27	12.57	959	-10153	-46768	4.606
8-4-S	28.27	12.57	650	-8901	-46768	5.254
8-5-S	28.27	12.57	446	-4563	-46768	10.250
8-6-S	28.27	12.57	5867	-520	104031	17.731
8-7-S	28.27	12.57	18362	0	104031	5.666
8-8-S	28.27	12.57	33020	0	104031	3.151
8-9-S	28.27	12.57	49030	0	104031	2.122
8-10-S	28.27	12.57	65596	0	104031	1.586
8-11-S	28.27	12.57	82132	0	104031	1.267
8-12-S	28.27	12.57	98547	0	104031	1.056
8-13-S	28.27	12.57	0	-75	-46768	100.000
8-14-S	28.27	12.57	0	0	0	1000000.000
9-1-S	28.27	15.71	8661	-4052	104105	12.020
9-2-S	28.27	15.71	20617	-10564	104105	3.030
9-3-S	28.27	15.71	1657	-32204	-58336	1.811
9-4-S	28.27	15.71	799	-49110	-58336	1.188
9-5-S	28.27	15.71	0	-43791	-58336	1.332
9-6-S	28.27	15.71	77	-15218	-58336	3.833
9-7-S	28.27	15.71	7948	-17	104105	13.098
9-8-S	28.27	15.71	28387	0	104105	3.667
9-9-S	28.27	15.71	46559	0	104105	2.236
9-10-S	28.27	15.71	63545	0	104105	1.638
9-11-S	28.27	15.71	80200	0	104105	1.298
9-12-S	28.27	15.71	96617	0	104105	1.078
9-13-S	28.27	15.71	0	-75	-58336	100.000
9-14-S	28.27	15.71	0	0	0	1000000.000
10-1-S	28.27	12.57	932	-2495	-46768	7.499
10-2-S	28.27	12.57	489	-5361	-46768	8.724
10-3-S	28.27	12.57	370	-7844	-46768	5.962
10-4-S	28.27	12.57	153	-6974	-46768	6.706
10-5-S	28.27	12.57	48	-3180	-46768	14.707
10-6-S	28.27	12.57	5685	0	104031	18.298
10-7-S	28.27	12.57	17882	0	104031	5.818
10-8-S	28.27	12.57	31676	0	104031	3.284
10-9-S	28.27	12.57	46826	0	104031	2.222
10-10-S	28.27	12.57	62530	0	104031	1.664
10-11-S	28.27	12.57	78203	0	104031	1.330
10-12-S	28.27	12.57	93749	0	104031	1.110
10-13-S	28.27	12.57	0	-75	-46768	100.000
10-14-S	28.27	12.57	0	0	0	1000000.000
11-1-S	28.27	12.57	4596	-4970	-46768	9.411
11-2-S	28.27	12.57	10328	-9703	-46768	4.820
11-3-S	28.27	12.57	1389	-22886	-46768	2.043

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	*[cmq]*	*[kgm]*	*[kgm]*	*[kgm]*	
11-4-S	28.27	12.57	678	-30691	-46768	1.524
11-5-S	28.27	12.57	70	-25758	-46768	1.816
11-6-S	28.27	12.57	1719	-8115	-46768	3.458
11-7-S	28.27	12.57	11561	-2	104031	8.998
11-8-S	28.27	12.57	28885	0	104031	3.602
11-9-S	28.27	12.57	45623	0	104031	2.280
11-10-S	28.27	12.57	61881	0	104031	1.681
11-11-S	28.27	12.57	77947	0	104031	1.335
11-12-S	28.27	12.57	93842	0	104031	1.109
11-13-S	28.27	12.57	0	-75	-46768	100.000
11-14-S	28.27	12.57	0	0	0	1000000.000
12-1-S	28.27	12.57	4596	-4970	-46768	9.411
12-2-S	28.27	12.57	10328	-9703	-46768	4.820
12-3-S	28.27	12.57	1389	-22886	-46768	2.043
12-4-S	28.27	12.57	678	-30691	-46768	1.524
12-5-S	28.27	12.57	70	-25758	-46768	1.816
12-6-S	28.27	12.57	1719	-8115	-46768	3.458
12-7-S	28.27	12.57	11561	-2	104031	8.998
12-8-S	28.27	12.57	28885	0	104031	3.602
12-9-S	28.27	12.57	45623	0	104031	2.280
12-10-S	28.27	12.57	61881	0	104031	1.681
12-11-S	28.27	12.57	77947	0	104031	1.335
12-12-S	28.27	12.57	93842	0	104031	1.109
12-13-S	28.27	12.57	0	-75	-46768	100.000
12-14-S	28.27	12.57	0	0	0	1000000.000
13-1-S	28.27	12.57	932	-2495	-46768	7.499
13-2-S	28.27	12.57	489	-5361	-46768	8.724
13-3-S	28.27	12.57	370	-7844	-46768	5.962
13-4-S	28.27	12.57	153	-6974	-46768	6.706
13-5-S	28.27	12.57	48	-3180	-46768	14.707
13-6-S	28.27	12.57	5685	0	104031	18.298
13-7-S	28.27	12.57	17882	0	104031	5.818
13-8-S	28.27	12.57	31676	0	104031	3.284
13-9-S	28.27	12.57	46826	0	104031	2.222
13-10-S	28.27	12.57	62530	0	104031	1.664
13-11-S	28.27	12.57	78203	0	104031	1.330
13-12-S	28.27	12.57	93749	0	104031	1.110
13-13-S	28.27	12.57	0	-75	-46768	100.000
13-14-S	28.27	12.57	0	0	0	1000000.000
14-1-S	28.27	15.71	8661	-4052	104105	12.020
14-2-S	28.27	15.71	20617	-10564	104105	3.030
14-3-S	28.27	15.71	1657	-32204	-58336	1.811
14-4-S	28.27	15.71	799	-49110	-58336	1.188
14-5-S	28.27	15.71	0	-43791	-58336	1.332
14-6-S	28.27	15.71	77	-15218	-58336	3.833
14-7-S	28.27	15.71	7948	-17	104105	13.098
14-8-S	28.27	15.71	28387	0	104105	3.667
14-9-S	28.27	15.71	46559	0	104105	2.236
14-10-S	28.27	15.71	63545	0	104105	1.638

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	*[cmq]*	*[kgm]*	*[kgm]*	*[kgm]*	
14-11-S	28.27	15.71	80200	0	104105	1.298
14-12-S	28.27	15.71	96617	0	104105	1.078
14-13-S	28.27	15.71	0	-75	-58336	100.000
14-14-S	28.27	15.71	0	0	0	1000000.000
15-1-S	28.27	12.57	1150	-3633	-46768	7.725
15-2-S	28.27	12.57	782	-7330	-46768	6.381
15-3-S	28.27	12.57	959	-10153	-46768	4.606
15-4-S	28.27	12.57	650	-8901	-46768	5.254
15-5-S	28.27	12.57	446	-4563	-46768	10.250
15-6-S	28.27	12.57	5867	-520	104031	17.731
15-7-S	28.27	12.57	18362	0	104031	5.666
15-8-S	28.27	12.57	33020	0	104031	3.151
15-9-S	28.27	12.57	49030	0	104031	2.122
15-10-S	28.27	12.57	65596	0	104031	1.586
15-11-S	28.27	12.57	82132	0	104031	1.267
15-12-S	28.27	12.57	98547	0	104031	1.056
15-13-S	28.27	12.57	0	-75	-46768	100.000
15-14-S	28.27	12.57	0	0	0	1000000.000
16-1-S	31.42	12.57	2379	-4932	-46761	9.481
16-2-S	31.42	12.57	4864	-10610	-46761	4.407
16-3-S	31.42	12.57	1096	-20390	-46761	2.293
16-4-S	31.42	12.57	427	-23572	-46761	1.984
16-5-S	31.42	12.57	18	-18366	-46761	2.546
16-6-S	31.42	12.57	2412	-5116	-46761	5.484
16-7-S	31.42	12.57	14281	-16	115338	8.076
16-8-S	31.42	12.57	31851	0	115338	3.621
16-9-S	31.42	12.57	49766	0	115338	2.318
16-10-S	31.42	12.57	67753	0	115338	1.702
16-11-S	31.42	12.57	85844	0	115338	1.344
16-12-S	31.42	12.57	104057	0	115338	1.108
16-13-S	31.42	12.57	0	-75	-46761	100.000
16-14-S	31.42	12.57	0	0	0	1000000.000
17-1-S	31.42	12.57	6456	-4987	-46761	9.376
17-2-S	31.42	12.57	15635	-10173	-46761	4.597
17-3-S	31.42	12.57	899	-27813	-46761	1.681
17-4-S	31.42	12.57	273	-41199	-46761	1.135
17-5-S	31.42	12.57	1	-37046	-46761	1.262
17-6-S	31.42	12.57	527	-13230	-46761	3.535
17-7-S	31.42	12.57	9357	-485	115338	12.327
17-8-S	31.42	12.57	29600	0	115338	3.896
17-9-S	31.42	12.57	49392	0	115338	2.335
17-10-S	31.42	12.57	68074	0	115338	1.694
17-11-S	31.42	12.57	87835	0	115338	1.313
17-12-S	31.42	12.57	109147	0	115338	1.057
17-13-S	31.42	12.57	0	-76	-46761	100.000
17-14-S	31.42	12.57	2	-1	115338	100.000

Combinazione n° 3 - STR (A1-M1-R3) H - V

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	*[cmq]*	*[kgm]*	*[kgm]*	*[kgm]*	
1-1-P	8.04	8.04	1065	-341	30083	28.249
1-2-P	8.04	8.04	758	-2476	-30083	12.148
1-3-P	8.04	8.04	2214	-11248	-30083	2.674
1-4-P	8.04	8.04	253	-19029	-30083	1.581
1-5-P	8.04	8.04	188	-17562	-30083	1.713
1-6-P	8.04	8.04	2941	-9290	-30083	3.238
1-7-P	8.04	8.04	3358	-1662	30083	7.166
1-8-P	8.04	8.04	5490	-87	30083	5.480
1-9-P	8.04	8.04	6894	-12	30083	4.364
1-10-P	8.04	8.04	7119	-105	30083	4.226
1-11-P	8.04	8.04	5840	-641	30083	5.151
1-12-P	8.04	8.04	4121	-4069	30083	7.300
1-13-P	8.04	8.04	2318	-10389	-30083	2.896
1-14-P	8.04	8.04	63	-19123	-30083	1.573
1-15-P	8.04	8.04	453	-13662	-30083	2.202
1-16-P	8.04	8.04	2947	-6607	-30083	4.553
1-17-P	8.04	8.04	4607	-660	30083	6.530
1-18-P	8.04	8.04	6039	-80	30083	4.981
1-19-P	8.04	8.04	6715	-1	30083	4.480
1-20-P	8.04	8.04	6385	-94	30083	4.711
1-21-P	8.04	8.04	4942	-652	30083	6.087
1-22-P	8.04	8.04	3208	-5433	-30083	5.537
1-23-P	8.04	8.04	656	-11764	-30083	2.557
1-24-P	8.04	8.04	7	-22073	-30083	1.298
1-25-P	8.04	8.04	656	-11764	-30083	2.557
1-26-P	8.04	8.04	3208	-5433	-30083	5.537
1-27-P	8.04	8.04	4942	-652	30083	6.087
1-28-P	8.04	8.04	6385	-94	30083	4.711
1-29-P	8.04	8.04	6715	-1	30083	4.480
1-30-P	8.04	8.04	6039	-80	30083	4.981
1-31-P	8.04	8.04	4607	-660	30083	6.530
1-32-P	8.04	8.04	2947	-6607	-30083	4.553
1-33-P	8.04	8.04	453	-13662	-30083	2.202
1-34-P	8.04	8.04	63	-19123	-30083	1.573
1-35-P	8.04	8.04	2318	-10389	-30083	2.896
1-36-P	8.04	8.04	4121	-4069	30083	7.300
1-37-P	8.04	8.04	5840	-641	30083	5.151
1-38-P	8.04	8.04	7119	-105	30083	4.226
1-39-P	8.04	8.04	6894	-12	30083	4.364
1-40-P	8.04	8.04	5490	-87	30083	5.480
1-41-P	8.04	8.04	3358	-1662	30083	7.166
1-42-P	8.04	8.04	2941	-9290	-30083	3.238
1-43-P	8.04	8.04	188	-17562	-30083	1.713
1-44-P	8.04	8.04	253	-19029	-30083	1.581
1-45-P	8.04	8.04	2214	-11248	-30083	2.674
1-46-P	8.04	8.04	758	-2476	-30083	12.148
1-47-P	8.04	8.04	1065	-341	30083	28.249
2-1-P	8.04	8.04	715	-602	-30083	40.008
2-2-P	8.04	8.04	491	-2061	-30083	11.679
2-3-P	8.04	8.04	568	-3691	-30083	6.521
2-4-P	8.04	8.04	482	-6119	-30083	3.980
2-5-P	8.04	8.04	710	-5493	-30083	4.173

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	*[cmq]*	*[kgm]*	*[kgm]*	*[kgm]*	
2-6-P	8.04	8.04	1334	-2173	-30083	8.307
2-7-P	8.04	8.04	2719	-514	30083	8.852
2-8-P	8.04	8.04	4885	0	30083	6.158
2-9-P	8.04	8.04	6575	-6	30083	4.575
2-10-P	8.04	8.04	6656	-10	30083	4.519
2-11-P	8.04	8.04	4615	-233	30083	6.519
2-12-P	8.04	8.04	2789	-1008	30083	8.628
2-13-P	8.04	8.04	1644	-2833	-30083	6.371
2-14-P	8.04	8.04	1058	-6172	-30083	3.249
2-15-P	8.04	8.04	1196	-4320	-30083	4.311
2-16-P	8.04	8.04	1798	-1584	30083	10.038
2-17-P	8.04	8.04	3167	-312	30083	7.599
2-18-P	8.04	8.04	5155	-4	30083	5.836
2-19-P	8.04	8.04	6072	-1	30083	4.955
2-20-P	8.04	8.04	5582	-9	30083	5.390
2-21-P	8.04	8.04	3441	-274	30083	8.743
2-22-P	8.04	8.04	1898	-1409	30083	9.512
2-23-P	8.04	8.04	1135	-3832	-30083	5.233
2-24-P	8.04	8.04	809	-7361	-30083	2.919
2-25-P	8.04	8.04	1135	-3832	-30083	5.233
2-26-P	8.04	8.04	1898	-1409	30083	9.512
2-27-P	8.04	8.04	3441	-274	30083	8.743
2-28-P	8.04	8.04	5582	-9	30083	5.390
2-29-P	8.04	8.04	6072	-1	30083	4.955
2-30-P	8.04	8.04	5155	-4	30083	5.836
2-31-P	8.04	8.04	3167	-312	30083	7.599
2-32-P	8.04	8.04	1798	-1584	30083	10.038
2-33-P	8.04	8.04	1196	-4320	-30083	4.311
2-34-P	8.04	8.04	1058	-6172	-30083	3.249
2-35-P	8.04	8.04	1644	-2833	-30083	6.371
2-36-P	8.04	8.04	2789	-1008	30083	8.628
2-37-P	8.04	8.04	4615	-233	30083	6.519
2-38-P	8.04	8.04	6656	-10	30083	4.519
2-39-P	8.04	8.04	6575	-6	30083	4.575
2-40-P	8.04	8.04	4885	0	30083	6.158
2-41-P	8.04	8.04	2719	-514	30083	8.852
2-42-P	8.04	8.04	1334	-2173	-30083	8.307
2-43-P	8.04	8.04	710	-5493	-30083	4.173
2-44-P	8.04	8.04	482	-6119	-30083	3.980
2-45-P	8.04	8.04	568	-3691	-30083	6.521
2-46-P	8.04	8.04	491	-2061	-30083	11.679
2-47-P	8.04	8.04	715	-602	-30083	40.008
3-1-P	8.04	8.04	4571	-102	30083	6.581
3-2-P	8.04	8.04	6651	0	30083	4.523
3-3-P	8.04	8.04	9303	0	30083	3.234
3-4-P	8.04	8.04	11427	0	30083	2.633
3-5-P	8.04	8.04	12893	0	30083	2.333
3-6-P	8.04	8.04	13984	0	30083	2.151
3-7-P	8.04	8.04	14803	0	30083	2.032
3-8-P	8.04	8.04	15318	0	30083	1.964
3-9-P	8.04	8.04	15555	0	30083	1.934
3-10-P	8.04	8.04	15471	0	30083	1.944
3-11-P	8.04	8.04	14989	0	30083	2.007
3-12-P	8.04	8.04	14423	0	30083	2.086

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	*[cmq]*	*[kgm]*	*[kgm]*	*[kgm]*	
3-13-P	8.04	8.04	13851	0	30083	2.172
3-14-P	8.04	8.04	13500	0	30083	2.228
3-15-P	8.04	8.04	13507	0	30083	2.227
3-16-P	8.04	8.04	13723	0	30083	2.192
3-17-P	8.04	8.04	14112	0	30083	2.132
3-18-P	8.04	8.04	14412	0	30083	2.087
3-19-P	8.04	8.04	14503	0	30083	2.074
3-20-P	8.04	8.04	14380	0	30083	2.092
3-21-P	8.04	8.04	13969	0	30083	2.154
3-22-P	8.04	8.04	13484	0	30083	2.231
3-23-P	8.04	8.04	13087	0	30083	2.299
3-24-P	8.04	8.04	12855	0	30083	2.340
3-25-P	8.04	8.04	13087	0	30083	2.299
3-26-P	8.04	8.04	13484	0	30083	2.231
3-27-P	8.04	8.04	13969	0	30083	2.154
3-28-P	8.04	8.04	14380	0	30083	2.092
3-29-P	8.04	8.04	14503	0	30083	2.074
3-30-P	8.04	8.04	14412	0	30083	2.087
3-31-P	8.04	8.04	14112	0	30083	2.132
3-32-P	8.04	8.04	13723	0	30083	2.192
3-33-P	8.04	8.04	13507	0	30083	2.227
3-34-P	8.04	8.04	13500	0	30083	2.228
3-35-P	8.04	8.04	13851	0	30083	2.172
3-36-P	8.04	8.04	14423	0	30083	2.086
3-37-P	8.04	8.04	14989	0	30083	2.007
3-38-P	8.04	8.04	15471	0	30083	1.944
3-39-P	8.04	8.04	15555	0	30083	1.934
3-40-P	8.04	8.04	15318	0	30083	1.964
3-41-P	8.04	8.04	14803	0	30083	2.032
3-42-P	8.04	8.04	13984	0	30083	2.151
3-43-P	8.04	8.04	12893	0	30083	2.333
3-44-P	8.04	8.04	11427	0	30083	2.633
3-45-P	8.04	8.04	9303	0	30083	3.234
3-46-P	8.04	8.04	6651	0	30083	4.523
3-47-P	8.04	8.04	4571	-102	30083	6.581
5-1-P	4.02	4.02	1	-1	14789	100.000
5-2-P	4.02	4.02	0	-1	14789	100.000
5-3-P	4.02	4.02	0	-1	-14789	100.000
5-4-P	4.02	4.02	0	-1	-14789	100.000
5-5-P	4.02	4.02	0	-1	-14789	100.000
5-6-P	4.02	4.02	0	-1	-14789	100.000
5-7-P	4.02	4.02	0	-1	-14789	100.000
5-8-P	4.02	4.02	0	-1	-14789	100.000
5-9-P	4.02	4.02	0	-1	-14789	100.000
5-10-P	4.02	4.02	0	-1	-14789	100.000
5-11-P	4.02	4.02	0	-1	-14789	100.000
5-12-P	4.02	4.02	0	-1	-14789	100.000
5-13-P	4.02	4.02	0	-1	-14789	100.000
5-14-P	4.02	4.02	0	-1	-14789	100.000
5-15-P	4.02	4.02	0	-1	-14789	100.000
5-16-P	4.02	4.02	0	-1	-14789	100.000
5-17-P	4.02	4.02	0	-1	-14789	100.000
5-18-P	4.02	4.02	0	-1	-14789	100.000
5-19-P	4.02	4.02	0	-1	-14789	100.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	*[cmq]*	*[kgm]*	*[kgm]*	*[kgm]*	
5-20-P	4.02	4.02	0	-1	-14789	100.000
5-21-P	4.02	4.02	0	-1	-14789	100.000
5-22-P	4.02	4.02	0	-1	-14789	100.000
5-23-P	4.02	4.02	0	-1	-14789	100.000
5-24-P	4.02	4.02	0	-1	-14789	100.000
5-25-P	4.02	4.02	0	-1	-14789	100.000
5-26-P	4.02	4.02	0	-1	-14789	100.000
5-27-P	4.02	4.02	0	-1	-14789	100.000
5-28-P	4.02	4.02	0	-1	-14789	100.000
5-29-P	4.02	4.02	0	-1	-14789	100.000
5-30-P	4.02	4.02	0	-1	-14789	100.000
5-31-P	4.02	4.02	0	-1	-14789	100.000
5-32-P	4.02	4.02	0	-1	-14789	100.000
5-33-P	4.02	4.02	0	-1	-14789	100.000
5-34-P	4.02	4.02	0	-1	-14789	100.000
5-35-P	4.02	4.02	0	-1	-14789	100.000
5-36-P	4.02	4.02	0	-1	-14789	100.000
5-37-P	4.02	4.02	0	-1	-14789	100.000
5-38-P	4.02	4.02	0	-1	-14789	100.000
5-39-P	4.02	4.02	0	-1	-14789	100.000
5-40-P	4.02	4.02	0	-1	-14789	100.000
5-41-P	4.02	4.02	0	-1	-14789	100.000
5-42-P	4.02	4.02	0	-1	-14789	100.000
5-43-P	4.02	4.02	0	-1	-14789	100.000
5-44-P	4.02	4.02	0	-1	-14789	100.000
5-45-P	4.02	4.02	0	-1	-14789	100.000
5-46-P	4.02	4.02	0	-1	14789	100.000
5-47-P	4.02	4.02	1	-1	14789	100.000
6-1-S	31.42	12.57	5162	-3987	-46761	11.729
6-2-S	31.42	12.57	12516	-8141	-46761	5.744
6-3-S	31.42	12.57	719	-22258	-46761	2.101
6-4-S	31.42	12.57	214	-33223	-46761	1.407
6-5-S	31.42	12.57	0	-30266	-46761	1.545
6-6-S	31.42	12.57	280	-11404	-46761	4.101
6-7-S	31.42	12.57	6299	-521	115338	18.309
6-8-S	31.42	12.57	21986	0	115338	5.246
6-9-S	31.42	12.57	37426	0	115338	3.082
6-10-S	31.42	12.57	51970	0	115338	2.219
6-11-S	31.42	12.57	67324	0	115338	1.713
6-12-S	31.42	12.57	83852	0	115338	1.375
6-13-S	31.42	12.57	0	-76	-46761	100.000
6-14-S	31.42	12.57	2	-1	115338	100.000
7-1-S	31.42	12.57	1919	-3961	-46761	11.804
7-2-S	31.42	12.57	3904	-8518	-46761	5.490
7-3-S	31.42	12.57	882	-16418	-46761	2.848
7-4-S	31.42	12.57	337	-19175	-46761	2.439
7-5-S	31.42	12.57	10	-15304	-46761	3.056
7-6-S	31.42	12.57	1525	-4638	-46761	6.050
7-7-S	31.42	12.57	10121	-21	115338	11.396
7-8-S	31.42	12.57	23785	0	115338	4.849
7-9-S	31.42	12.57	37706	0	115338	3.059
7-10-S	31.42	12.57	51645	0	115338	2.233
7-11-S	31.42	12.57	65633	0	115338	1.757
7-12-S	31.42	12.57	79684	0	115338	1.447

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
7-13-S	31.42	12.57	0	-75	-46761	100.000
7-14-S	31.42	12.57	0	0	0	1000000.000
8-1-S	28.27	12.57	918	-2903	-46768	9.664
8-2-S	28.27	12.57	621	-5904	-46768	7.921
8-3-S	28.27	12.57	752	-8277	-46768	5.650
8-4-S	28.27	12.57	487	-7459	-46768	6.270
8-5-S	28.27	12.57	291	-4204	-46768	11.125
8-6-S	28.27	12.57	3868	-529	-46768	17.697
8-7-S	28.27	12.57	13392	0	104031	7.768
8-8-S	28.27	12.57	24732	0	104031	4.206
8-9-S	28.27	12.57	37127	0	104031	2.802
8-10-S	28.27	12.57	49930	0	104031	2.084
8-11-S	28.27	12.57	62686	0	104031	1.660
8-12-S	28.27	12.57	75323	0	104031	1.381
8-13-S	28.27	12.57	0	-75	-46768	100.000
8-14-S	28.27	12.57	0	0	0	1000000.000
9-1-S	28.27	15.71	6933	-3249	104105	15.016
9-2-S	28.27	15.71	16510	-8446	104105	3.783
9-3-S	28.27	15.71	1324	-25714	-58336	2.269
9-4-S	28.27	15.71	625	-39507	-58336	1.477
9-5-S	28.27	15.71	0	-35666	-58336	1.636
9-6-S	28.27	15.71	31	-13113	-58336	4.449
9-7-S	28.27	15.71	5059	-37	104105	20.578
9-8-S	28.27	15.71	21015	0	104105	4.954
9-9-S	28.27	15.71	35154	0	104105	2.961
9-10-S	28.27	15.71	48308	0	104105	2.155
9-11-S	28.27	15.71	61174	0	104105	1.702
9-12-S	28.27	15.71	73828	0	104105	1.410
9-13-S	28.27	15.71	0	-75	-58336	100.000
9-14-S	28.27	15.71	0	0	0	1000000.000
10-1-S	28.27	12.57	745	-1996	-46768	9.374
10-2-S	28.27	12.57	392	-4340	-46768	10.775
10-3-S	28.27	12.57	292	-6447	-46768	7.254
10-4-S	28.27	12.57	113	-5944	-46768	7.868
10-5-S	28.27	12.57	30	-3155	-46768	14.824
10-6-S	28.27	12.57	3687	-66	104031	28.219
10-7-S	28.27	12.57	13027	0	104031	7.986
10-8-S	28.27	12.57	23686	0	104031	4.392
10-9-S	28.27	12.57	35405	0	104031	2.938
10-10-S	28.27	12.57	47535	0	104031	2.189
10-11-S	28.27	12.57	59622	0	104031	1.745
10-12-S	28.27	12.57	71588	0	104031	1.453
10-13-S	28.27	12.57	0	-75	-46768	100.000
10-14-S	28.27	12.57	0	0	0	1000000.000
11-1-S	28.27	12.57	3679	-3977	-46768	11.758
11-2-S	28.27	12.57	8273	-7781	-46768	6.011
11-3-S	28.27	12.57	1102	-18356	-46768	2.548

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
11-4-S	28.27	12.57	520	-24823	-46768	1.884
11-5-S	28.27	12.57	41	-21206	-46768	2.205
11-6-S	28.27	12.57	1012	-7069	-46768	5.293
11-7-S	28.27	12.57	7960	-5	104031	13.069
11-8-S	28.27	12.57	21446	0	104031	4.851
11-9-S	28.27	12.57	34443	0	104031	3.020
11-10-S	28.27	12.57	47022	0	104031	2.212
11-11-S	28.27	12.57	59427	0	104031	1.751
11-12-S	28.27	12.57	71676	0	104031	1.451
11-13-S	28.27	12.57	0	-75	-46768	100.000
11-14-S	28.27	12.57	0	0	0	1000000.000
12-1-S	28.27	12.57	3679	-3977	-46768	11.758
12-2-S	28.27	12.57	8273	-7781	-46768	6.011
12-3-S	28.27	12.57	1102	-18356	-46768	2.548
12-4-S	28.27	12.57	520	-24823	-46768	1.884
12-5-S	28.27	12.57	41	-21206	-46768	2.205
12-6-S	28.27	12.57	1012	-7069	-46768	5.293
12-7-S	28.27	12.57	7960	-5	104031	13.069
12-8-S	28.27	12.57	21446	0	104031	4.851
12-9-S	28.27	12.57	34443	0	104031	3.020
12-10-S	28.27	12.57	47022	0	104031	2.212
12-11-S	28.27	12.57	59427	0	104031	1.751
12-12-S	28.27	12.57	71676	0	104031	1.451
12-13-S	28.27	12.57	0	-75	-46768	100.000
12-14-S	28.27	12.57	0	0	0	1000000.000
13-1-S	28.27	12.57	745	-1996	-46768	9.374
13-2-S	28.27	12.57	392	-4340	-46768	10.775
13-3-S	28.27	12.57	292	-6447	-46768	7.254
13-4-S	28.27	12.57	113	-5944	-46768	7.868
13-5-S	28.27	12.57	30	-3155	-46768	14.824
13-6-S	28.27	12.57	3687	-66	104031	28.219
13-7-S	28.27	12.57	13027	0	104031	7.986
13-8-S	28.27	12.57	23686	0	104031	4.392
13-9-S	28.27	12.57	35405	0	104031	2.938
13-10-S	28.27	12.57	47535	0	104031	2.189
13-11-S	28.27	12.57	59622	0	104031	1.745
13-12-S	28.27	12.57	71588	0	104031	1.453
13-13-S	28.27	12.57	0	-75	-46768	100.000
13-14-S	28.27	12.57	0	0	0	1000000.000
14-1-S	28.27	15.71	6933	-3249	104105	15.016
14-2-S	28.27	15.71	16510	-8446	104105	3.783
14-3-S	28.27	15.71	1324	-25714	-58336	2.269
14-4-S	28.27	15.71	625	-39507	-58336	1.477
14-5-S	28.27	15.71	0	-35666	-58336	1.636
14-6-S	28.27	15.71	31	-13113	-58336	4.449
14-7-S	28.27	15.71	5059	-37	104105	20.578
14-8-S	28.27	15.71	21015	0	104105	4.954
14-9-S	28.27	15.71	35154	0	104105	2.961
14-10-S	28.27	15.71	48308	0	104105	2.155

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	*[cmq]*	*[kgm]*	*[kgm]*	*[kgm]*	
14-11-S	28.27	15.71	61174	0	104105	1.702
14-12-S	28.27	15.71	73828	0	104105	1.410
14-13-S	28.27	15.71	0	-75	-58336	100.000
14-14-S	28.27	15.71	0	0	0	1000000.000
15-1-S	28.27	12.57	918	-2903	-46768	9.664
15-2-S	28.27	12.57	621	-5904	-46768	7.921
15-3-S	28.27	12.57	752	-8277	-46768	5.650
15-4-S	28.27	12.57	487	-7459	-46768	6.270
15-5-S	28.27	12.57	291	-4204	-46768	11.125
15-6-S	28.27	12.57	3868	-529	-46768	17.697
15-7-S	28.27	12.57	13392	0	104031	7.768
15-8-S	28.27	12.57	24732	0	104031	4.206
15-9-S	28.27	12.57	37127	0	104031	2.802
15-10-S	28.27	12.57	49930	0	104031	2.084
15-11-S	28.27	12.57	62686	0	104031	1.660
15-12-S	28.27	12.57	75323	0	104031	1.381
15-13-S	28.27	12.57	0	-75	-46768	100.000
15-14-S	28.27	12.57	0	0	0	1000000.000
16-1-S	31.42	12.57	1919	-3961	-46761	11.804
16-2-S	31.42	12.57	3904	-8518	-46761	5.490
16-3-S	31.42	12.57	882	-16418	-46761	2.848
16-4-S	31.42	12.57	337	-19175	-46761	2.439
16-5-S	31.42	12.57	10	-15304	-46761	3.056
16-6-S	31.42	12.57	1525	-4638	-46761	6.050
16-7-S	31.42	12.57	10121	-21	115338	11.396
16-8-S	31.42	12.57	23785	0	115338	4.849
16-9-S	31.42	12.57	37706	0	115338	3.059
16-10-S	31.42	12.57	51645	0	115338	2.233
16-11-S	31.42	12.57	65633	0	115338	1.757
16-12-S	31.42	12.57	79684	0	115338	1.447
16-13-S	31.42	12.57	0	-75	-46761	100.000
16-14-S	31.42	12.57	0	0	0	1000000.000
17-1-S	31.42	12.57	5162	-3987	-46761	11.729
17-2-S	31.42	12.57	12516	-8141	-46761	5.744
17-3-S	31.42	12.57	719	-22258	-46761	2.101
17-4-S	31.42	12.57	214	-33223	-46761	1.407
17-5-S	31.42	12.57	0	-30266	-46761	1.545
17-6-S	31.42	12.57	280	-11404	-46761	4.101
17-7-S	31.42	12.57	6299	-521	115338	18.309
17-8-S	31.42	12.57	21986	0	115338	5.246
17-9-S	31.42	12.57	37426	0	115338	3.082
17-10-S	31.42	12.57	51970	0	115338	2.219
17-11-S	31.42	12.57	67324	0	115338	1.713
17-12-S	31.42	12.57	83852	0	115338	1.375
17-13-S	31.42	12.57	0	-76	-46761	100.000
17-14-S	31.42	12.57	2	-1	115338	100.000

Pali in c.a.

Combinazione n° 1 - STR (A1-M1-R3)

Ip	Is	A_f	M	N	Mu	Nu	FS
		[cmq]	*[kgm]*	*[kg]*	*[kgm]*	*[kg]*	
1	48	42.41	18148	-50827	27694	-77564	1.526
2	1	169.65	88588	138444	184406	288188	2.082

Combinazione n° 2 - STR (A1-M1-R3) H + V

Ip	Is	A_f	M	N	Mu	Nu	FS
		[cmq]	*[kgm]*	*[kg]*	*[kgm]*	*[kg]*	
1	48	42.41	25484	-79635	26349	-82340	1.034
2	1	169.65	124551	185659	183791	273965	1.476

Combinazione n° 3 - STR (A1-M1-R3) H - V

Ip	Is	A_f	M	N	Mu	Nu	FS
		[cmq]	*[kgm]*	*[kg]*	*[kgm]*	*[kg]*	
1	48	42.41	20397	-63734	26350	-82335	1.292
2	1	169.65	99775	146414	183594	269414	1.840

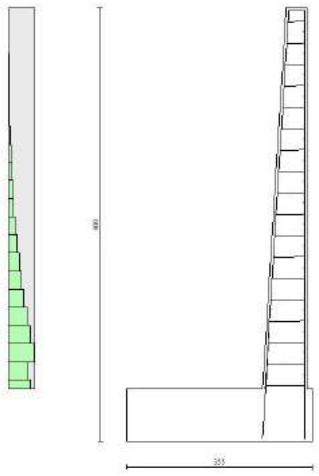

Fig. 29 - Paramento (Inviluppo)

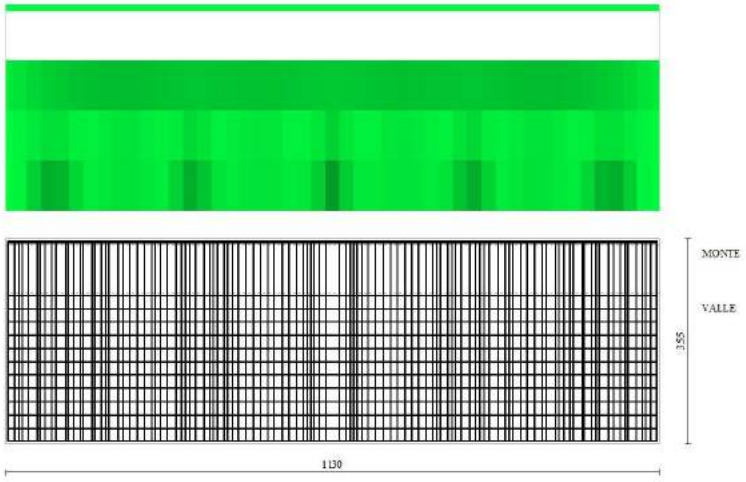

Fig. 30 - Piastra fondazione dir. X (Inviluppo)

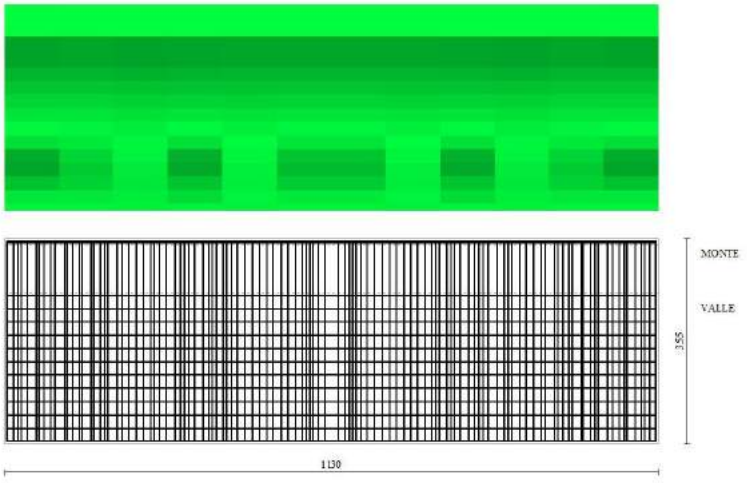

Fig. 31 - Piastra fondazione dir. Y (Inviluppo)

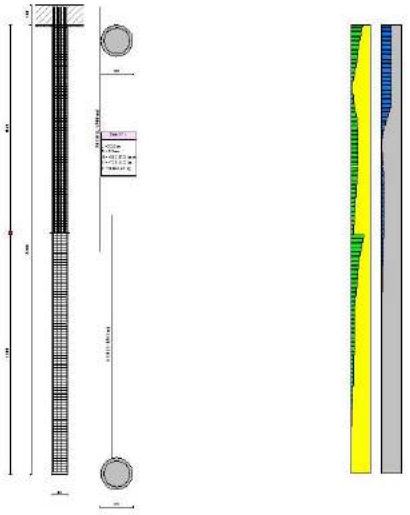

Fig. 32 - Pali (Palo n° 1) (Inviluppo)

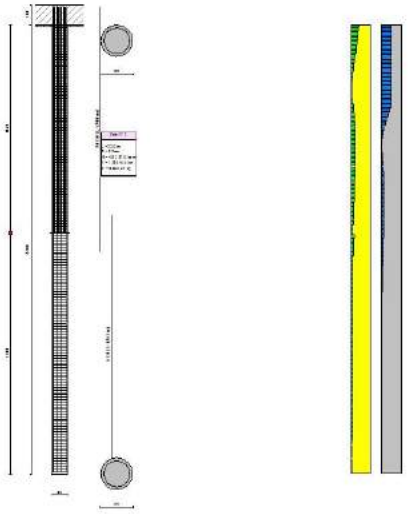

Fig. 33 - Pali (Palo n° 2) (Inviluppo)

Verifiche a taglio

Simbologia adottata

Is indice sezione

Y ordinata sezione espressa in [m]

B larghezza sezione espresso in [cm]

H altezza sezione espressa in [cm]

A_{sw} area ferri a taglio espresso in [cmq]

cotgθ inclinazione delle bielle compresse, θ inclinazione dei puntoni di calcestruzzo

V_{Rcd} resistenza di progetto a 'taglio compressione' espressa in [kg]

V_{Rsd} resistenza di progetto a 'taglio trazione' espressa in [kg]

V_{Rd} resistenza di progetto a taglio espresso in [kg]. Per elementi con armature trasversali resistenti al taglio (A_{sw}>0.0) V_{Rd}=min(V_{Rcd}, V_{Rsd}).

T taglio agente espressa in [kg]

FS fattore di sicurezza (rapporto tra sollecitazione resistente e sollecitazione agente)

Paramento

Combinazione n° 1 - STR (A1-M1-R3)

n°	Y	B	H	A_{sw}	s	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[m]	[cm]	[cm]	[cmq]	[cm]		[kg]	[kg]	[kg]	[kg]	
1	0.00	100	40	0.00	0.00	--	0	0	22080	0	100.000
2	-0.35	100	42	0.00	0.00	--	0	0	22712	0	100.000
3	-0.70	100	44	0.00	0.00	--	0	0	23334	1	22889.645
4	-1.04	100	46	0.00	0.00	--	0	0	23947	45	532.275
5	-1.39	100	49	0.00	0.00	--	0	0	24552	204	120.072
6	-1.74	100	51	0.00	0.00	--	0	0	25149	483	52.076
7	-2.09	100	53	0.00	0.00	--	0	0	25739	880	29.235
8	-2.43	100	55	0.00	0.00	--	0	0	26323	1397	18.841
9	-2.78	100	57	0.00	0.00	--	0	0	26901	2033	13.232
10	-3.13	100	59	0.00	0.00	--	0	0	27474	2788	9.853
11	-3.48	100	61	0.00	0.00	--	0	0	28042	3663	7.656
12	-3.82	100	63	0.00	0.00	--	0	0	28606	4657	6.142
13	-4.17	100	66	0.00	0.00	--	0	0	29166	5771	5.054
14	-4.52	100	68	0.00	0.00	--	0	0	29722	7005	4.243
15	-4.87	100	70	0.00	0.00	--	0	0	30274	8358	3.622
16	-5.21	100	72	0.00	0.00	--	0	0	30824	9831	3.135
17	-5.56	100	74	0.00	0.00	--	0	0	31371	11423	2.746
18	-5.91	100	76	0.00	0.00	--	0	0	31915	13122	2.432
19	-6.26	100	78	0.00	0.00	--	0	0	32457	14862	2.184
20	-6.60	100	80	0.00	0.00	--	0	0	32996	16608	1.987
21	-6.95	100	83	0.00	0.00	--	0	0	36006	18360	1.961
22	-7.30	100	85	0.00	0.00	--	0	0	36576	20114	1.818

Combinazione n° 2 - STR (A1-M1-R3) H + V

n°	Y	B	H	A_{sw}	s	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[m]	*[cm]*	*[cm]*	*[cmq]*	*[cm]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
1	0.00	100	40	0.00	0.00	--	0	0	22080	0	100.000
2	-0.35	100	42	0.00	0.00	--	0	0	22712	134	169.134
3	-0.70	100	44	0.00	0.00	--	0	0	23334	333	69.982
4	-1.04	100	46	0.00	0.00	--	0	0	23947	597	40.083
5	-1.39	100	49	0.00	0.00	--	0	0	24552	926	26.505
6	-1.74	100	51	0.00	0.00	--	0	0	25149	1320	19.051
7	-2.09	100	53	0.00	0.00	--	0	0	25739	1779	14.471
8	-2.43	100	55	0.00	0.00	--	0	0	26323	2302	11.434
9	-2.78	100	57	0.00	0.00	--	0	0	26901	2894	9.294
10	-3.13	100	59	0.00	0.00	--	0	0	27474	3609	7.612
11	-3.48	100	61	0.00	0.00	--	0	0	28042	4480	6.259
12	-3.82	100	63	0.00	0.00	--	0	0	28606	5508	5.194
13	-4.17	100	66	0.00	0.00	--	0	0	29166	6691	4.359
14	-4.52	100	68	0.00	0.00	--	0	0	29722	8031	3.701
15	-4.87	100	70	0.00	0.00	--	0	0	30274	9528	3.177
16	-5.21	100	72	0.00	0.00	--	0	0	30824	11181	2.757
17	-5.56	100	74	0.00	0.00	--	0	0	31371	12991	2.415
18	-5.91	100	76	0.00	0.00	--	0	0	31915	14958	2.134
19	-6.26	100	78	0.00	0.00	--	0	0	32457	17071	1.901
20	-6.60	100	80	0.00	0.00	--	0	0	32996	19293	1.710
21	-6.95	100	83	0.00	0.00	--	0	0	36006	21649	1.663
22	-7.30	100	85	0.00	0.00	--	0	0	36576	24161	1.514

Combinazione n° 3 - STR (A1-M1-R3) H - V

n°	Y	B	H	A_{sw}	s	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[m]	*[cm]*	*[cm]*	*[cmq]*	*[cm]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
1	0.00	100	40	0.00	0.00	--	0	0	22080	0	100.000
2	-0.35	100	42	0.00	0.00	--	0	0	22712	122	186.485
3	-0.70	100	44	0.00	0.00	--	0	0	23334	283	82.320
4	-1.04	100	46	0.00	0.00	--	0	0	23947	485	49.376
5	-1.39	100	49	0.00	0.00	--	0	0	24552	726	33.798
6	-1.74	100	51	0.00	0.00	--	0	0	25149	1008	24.956
7	-2.09	100	53	0.00	0.00	--	0	0	25739	1329	19.369
8	-2.43	100	55	0.00	0.00	--	0	0	26323	1690	15.576
9	-2.78	100	57	0.00	0.00	--	0	0	26901	2095	12.842
10	-3.13	100	59	0.00	0.00	--	0	0	27474	2597	10.578
11	-3.48	100	61	0.00	0.00	--	0	0	28042	3231	8.679
12	-3.82	100	63	0.00	0.00	--	0	0	28606	3996	7.159
13	-4.17	100	66	0.00	0.00	--	0	0	29166	4892	5.962
14	-4.52	100	68	0.00	0.00	--	0	0	29722	5920	5.021
15	-4.87	100	70	0.00	0.00	--	0	0	30274	7079	4.277
16	-5.21	100	72	0.00	0.00	--	0	0	30824	8370	3.683
17	-5.56	100	74	0.00	0.00	--	0	0	31371	9793	3.203
18	-5.91	100	76	0.00	0.00	--	0	0	31915	11347	2.813
19	-6.26	100	78	0.00	0.00	--	0	0	32457	13023	2.492
20	-6.60	100	80	0.00	0.00	--	0	0	32996	14783	2.232
21	-6.95	100	83	0.00	0.00	--	0	0	36006	16651	2.162
22	-7.30	100	85	0.00	0.00	--	0	0	36576	18651	1.961

Fondazione

Combinazione n° 1 - STR (A1-M1-R3)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-1-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-2-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-3-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-4-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-5-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-6-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-7-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-8-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-9-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-10-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-11-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-12-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-13-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-14-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-15-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-16-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-17-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-18-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-19-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-20-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-21-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-22-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-23-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-24-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-25-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-26-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-27-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-28-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-29-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-30-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-31-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-32-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-33-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-34-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-35-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-36-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-37-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-38-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-39-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-40-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-41-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-42-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-43-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-44-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-45-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-46-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-47-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-1-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-2-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
2-3-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-4-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-5-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-6-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-7-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-8-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-9-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-10-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-11-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-12-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-13-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-14-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-15-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-16-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-17-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-18-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-19-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-20-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-21-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-22-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-23-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-24-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-25-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-26-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-27-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-28-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-29-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-30-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-31-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-32-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-33-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-34-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-35-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-36-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-37-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-38-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-39-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-40-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-41-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-42-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-43-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-44-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-45-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-46-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-47-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-1-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-2-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-3-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-4-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-5-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-6-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-7-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-8-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-9-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
3-10-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-11-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-12-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-13-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-14-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-15-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-16-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-17-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-18-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-19-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-20-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-21-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-22-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-23-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-24-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-25-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-26-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-27-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-28-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-29-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-30-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-31-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-32-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-33-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-34-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-35-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-36-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-37-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-38-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-39-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-40-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-41-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-42-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-43-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-44-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-45-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-46-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-47-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
5-1-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-2-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-3-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-4-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-5-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-6-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-7-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-8-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-9-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-10-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-11-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-12-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-13-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-14-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-15-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-16-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
5-17-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-18-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-19-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-20-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-21-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-22-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-23-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-24-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-25-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-26-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-27-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-28-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-29-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-30-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-31-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-32-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-33-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-34-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-35-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-36-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-37-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-38-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-39-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-40-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-41-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-42-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-43-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-44-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-45-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-46-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-47-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
6-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
7-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
11-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
15-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Combinazione n° 2 - STR (A1-M1-R3) H + V

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
1-1-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-2-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-3-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-4-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-5-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-6-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-7-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-8-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-9-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-10-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-11-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
1-12-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-13-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-14-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-15-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-16-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-17-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-18-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-19-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-20-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-21-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-22-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-23-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-24-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-25-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-26-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-27-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-28-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-29-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-30-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-31-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-32-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-33-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-34-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-35-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-36-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-37-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-38-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-39-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-40-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-41-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-42-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-43-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-44-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-45-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-46-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-47-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-1-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-2-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-3-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-4-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-5-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-6-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-7-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-8-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-9-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-10-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-11-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-12-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-13-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-14-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-15-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-16-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-17-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-18-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
2-19-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-20-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-21-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-22-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-23-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-24-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-25-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-26-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-27-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-28-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-29-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-30-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-31-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-32-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-33-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-34-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-35-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-36-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-37-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-38-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-39-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-40-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-41-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-42-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-43-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-44-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-45-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-46-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-47-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-1-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-2-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-3-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-4-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-5-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-6-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-7-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-8-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-9-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-10-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-11-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-12-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-13-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-14-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-15-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-16-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-17-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-18-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-19-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-20-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-21-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-22-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-23-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-24-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-25-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
3-26-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-27-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-28-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-29-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-30-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-31-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-32-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-33-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-34-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-35-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-36-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-37-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-38-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-39-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-40-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-41-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-42-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-43-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-44-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-45-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-46-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-47-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
5-1-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-2-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-3-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-4-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-5-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-6-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-7-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-8-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-9-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-10-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-11-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-12-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-13-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-14-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-15-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-16-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-17-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-18-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-19-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-20-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-21-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-22-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-23-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-24-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-25-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-26-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-27-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-28-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-29-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-30-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-31-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-32-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
5-33-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-34-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-35-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-36-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-37-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-38-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-39-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-40-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-41-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-42-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-43-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-44-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-45-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-46-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-47-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
6-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
8-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
12-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
16-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Combinazione n° 3 - STR (A1-M1-R3) H - V

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-1-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-2-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-3-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-4-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-5-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-6-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-7-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-8-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-9-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-10-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-11-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-12-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-13-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-14-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-15-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-16-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-17-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-18-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-19-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-20-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-21-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-22-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-23-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-24-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-25-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-26-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-27-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
1-28-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-29-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-30-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-31-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-32-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-33-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-34-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-35-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-36-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-37-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-38-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-39-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-40-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-41-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-42-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-43-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-44-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-45-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-46-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
1-47-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-1-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-2-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-3-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-4-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-5-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-6-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-7-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-8-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-9-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-10-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-11-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-12-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-13-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-14-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-15-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-16-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-17-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-18-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-19-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-20-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-21-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-22-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-23-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-24-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-25-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-26-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-27-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-28-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-29-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-30-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-31-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-32-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-33-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-34-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
2-35-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-36-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-37-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-38-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-39-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-40-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-41-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-42-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-43-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-44-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-45-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-46-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
2-47-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-1-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-2-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-3-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-4-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-5-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-6-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-7-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-8-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-9-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-10-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-11-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-12-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-13-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-14-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-15-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-16-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-17-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-18-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-19-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-20-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-21-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-22-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-23-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-24-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-25-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-26-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-27-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-28-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-29-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-30-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-31-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-32-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-33-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-34-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-35-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-36-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-37-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-38-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-39-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-40-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-41-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
3-42-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-43-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-44-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-45-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-46-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
3-47-P	86.67	100.00	0.00	0.000	0	0	0	0	100.000
5-1-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-2-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-3-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-4-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-5-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-6-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-7-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-8-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-9-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-10-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-11-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-12-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-13-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-14-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-15-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-16-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-17-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-18-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-19-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-20-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-21-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-22-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-23-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-24-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-25-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-26-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-27-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-28-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-29-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-30-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-31-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-32-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-33-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-34-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-35-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-36-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-37-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-38-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-39-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-40-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-41-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-42-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-43-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-44-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-45-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-46-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-47-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
6-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
6-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
6-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
7-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
8-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
9-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
9-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
10-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
11-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
12-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
13-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
13-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
14-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
15-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
16-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-1-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-2-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-3-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-4-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-5-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-6-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-7-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-8-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-9-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
17-10-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-11-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-12-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-13-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000
17-14-S	94.17	100.00	0.00	0.000	0	0	0	0	100.000

Pali in c.a.

La verifica a taglio sui pali circolari in c.a. viene eseguita considerando una sezione quadrata inscritta nella circonferenza. Se D è il diametro del palo, il lato della sezione quadrata sulla quale si esegue la verifica è $L = 2^{0.5}/2\ D$.

Combinazione n° 1 - STR (A1-M1-R3)

Ip	Is	L	A_{sw}	s	cotgθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
			[cm]	*[cmq]*	*[cm]*	*[kg]*	*[kg]*	*[kg]*	*[kg]*	
1	7	56.57	0.00	0	2.500	82684	54053	54053	28356	1.906
2	7	56.57	0.00	0	2.500	101408	54053	54053	28356	1.906

Combinazione n° 2 - STR (A1-M1-R3) H + V

Ip	Is	L	A_{sw}	s	cotgθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
			[cm]	*[cmq]*	*[cm]*	*[kg]*	*[kg]*	*[kg]*	*[kg]*	
1	13	56.57	0.00	0	2.500	82684	54053	54053	39836	1.357
2	13	56.57	0.00	0	2.500	103355	54053	54053	39836	1.357

Combinazione n° 3 - STR (A1-M1-R3) H - V

Ip	Is	L	A_{sw}	s	cotgθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
			[cm]	*[cmq]*	*[cm]*	*[kg]*	*[kg]*	*[kg]*	*[kg]*	
1	8	56.57	0.00	0	2.500	82684	54053	54053	31895	1.695
2	8	56.57	0.00	0	2.500	102488	54053	54053	31895	1.695

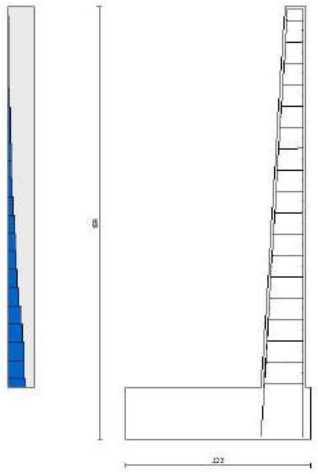

Fig. 34 - Paramento (Inviluppo)

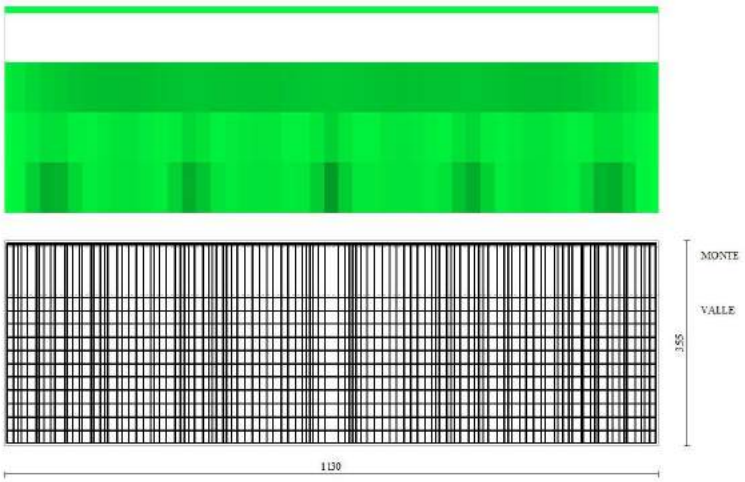

Fig. 35 - Piastra fondazione dir. X (Inviluppo)

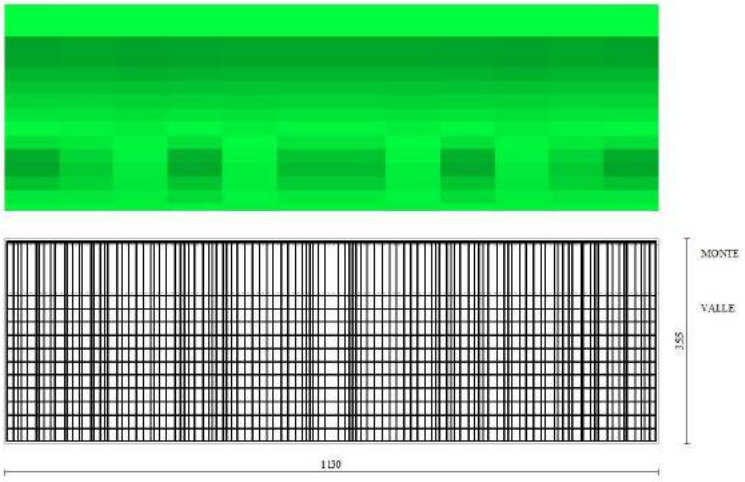

Fig. 36 - Piastra fondazione dir. Y (Inviluppo)

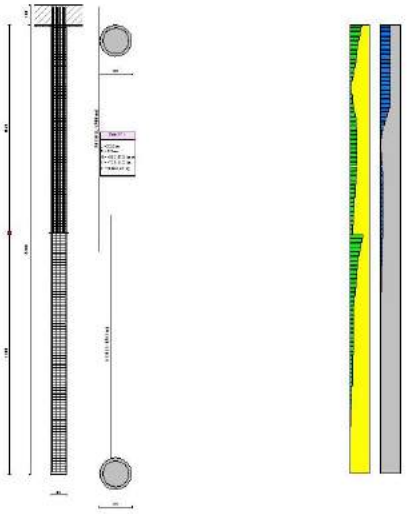

Fig. 37 - Pali (Palo n° 1) (Inviluppo)

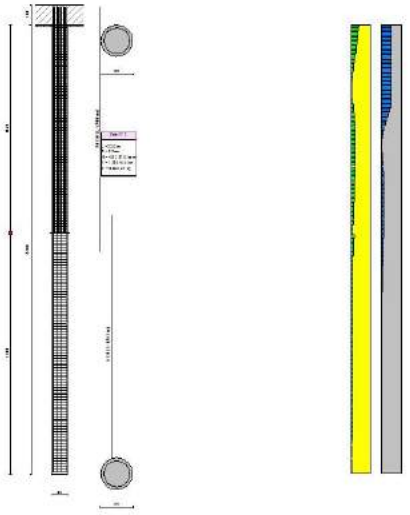

Fig. 38 - Pali (Palo n° 2) (Inviluppo)

Verifica a punzonamento

Simbologia adottata

OP Oggetto che viene punzonato

P Oggetto che punzona

c_1, c_2 Dimensioni pilastro nelle due direzioni, espressa in [mm]

d Altezza utile della fondazione, espressa in [mm]

u_0 Lunghezza perimetro di verifica a faccia pilastro, espresso in [mm]

u_1 Lunghezza perimetro di verifica per effetto della diffusione, espresso in [mm]

ρ_y, ρ_z Percentuali di armatura piastra in zona tesa

dpc, duc distanza della prima e dell'ultima cucitura dalla faccia del pilastro

$V_{Ed,i}$ Tensione di taglio sul perimetro del pilastro, espressa in [kg/cmq]

$V_{Rd,max}$ Valore di progetto del massimo taglio-punzonamento resistente, espressa in [kg/cmq]

$V_{Ed,f}$ Tensione di taglio sul perimetro di verifica u1, espresso in [kg/cmq]

$V_{Rd,cf}$ Valore di progetto del taglio-punzonamento resistente senza armature sul perimetro di verifica u1, espresso in [kg/cmq]

$V_{Rd,cs}$ Valore di progetto del taglio-punzonamento resistente con armature, espresso in [kg/cmq]

nsc Numero di serie di cuciture

nc Numero di cuciture

FS Fattore di sicurezza (minore tra i rapporti $V_{Rd,max}/V_{Ed,i}$, $V_{Rd,cf}/V_{Ed,f}$ e $V_{Rd,cs}/V_{Ed,f}$)

Verifica delle tensioni

Simbologia adottata
n° indice sezione
Y ordinata sezione, espressa in [m]
B larghezza sezione, espresso in [cm]
H altezza sezione, espressa in [cm]
Afiarea ferri inferiori, espresso in [cmq]
Afs area ferri superiori, espressa in [cmq]
M momento agente, espressa in [kgm]
N sforzo normale agente, espressa in [kg]
σctensione di compressione nel cls, espressa in [kg/cmq]
σfitensione nei ferri inferiori, espressa in [kg/cmq]
σfs tensione nei ferri superiori, espressa in [kg/cmq]

Combinazioni SLER
Paramento

Combinazione n° 10 - SLER

Tensione massima di compressione nel calcestruzzo 203.12 [kg/cmq]
Tensione massima di trazione dell'acciaio 3670.40[kg/cmq]

n°	Y	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[m]	*[cm]*	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kg]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	0.00	100	40	12.57	12.57	0	0	0.00	0.00	0.00
2	-0.35	100	42	12.57	12.57	-2	357	0.08	1.23	1.10
3	-0.70	100	44	12.57	12.57	-8	732	0.17	2.53	2.04
4	-1.04	100	46	12.57	12.57	-18	1126	0.27	3.89	2.85
5	-1.39	100	49	12.57	12.57	-32	1538	0.36	5.28	3.54
6	-1.74	100	51	12.57	12.57	-50	1969	0.46	6.70	4.16
7	-2.09	100	53	12.57	12.57	-59	2418	0.54	7.81	5.02
8	-2.43	100	55	12.57	12.57	-28	2886	0.54	8.00	6.76
9	-2.78	100	57	12.57	12.57	74	3372	0.67	6.80	9.85
10	-3.13	100	59	12.57	12.57	278	3877	1.03	3.84	14.65
11	-3.48	100	61	12.57	12.57	616	4400	1.56	1.84	21.69
12	-3.82	100	63	12.57	12.57	1120	4942	2.56	22.58	34.33

n°	Y	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kg/cmq]	[kg/cmq]	[kg/cmq]
13	-4.17	100	66	12.57	12.57	1821	5502	4.15	75.27	53.31
14	-4.52	100	68	12.57	12.57	2751	6080	6.15	160.80	76.40
15	-4.87	100	70	12.57	12.57	3943	6677	8.51	275.76	103.06
16	-5.21	100	72	12.57	12.57	5427	7293	11.21	419.32	133.48
17	-5.56	100	74	12.57	12.57	7235	7927	14.26	591.84	167.88
18	-5.91	100	76	12.57	12.57	9400	8579	17.68	794.00	206.43
19	-6.26	100	78	12.57	12.57	11947	9250	21.45	1026.00	249.14
20	-6.60	100	80	12.57	12.57	14886	9940	25.54	1286.18	295.68
21	-6.95	100	83	12.57	18.85	18219	10648	25.81	1071.00	312.87
22	-7.30	100	85	12.57	18.85	21944	11374	29.73	1280.25	360.39

Piastra fondazione

Combinazione n° 10 - SLER

Tensione massima di compressione nel calcestruzzo203.12 [kg/cmq]
Tensione massima di trazione dell'acciaio3670.40[kg/cmq]

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-1-P	87	100	8.04	8.04	588	-191	0.92	80.01	25.93
1-2-P	87	100	8.04	8.04	402	-1383	2.17	136.87	188.15
1-3-P	87	100	8.04	8.04	1169	-6265	9.81	303.62	852.48
1-4-P	87	100	8.04	8.04	133	-10814	16.93	182.12	1471.53
1-5-P	87	100	8.04	8.04	95	-9968	15.61	167.86	1356.32
1-6-P	87	100	8.04	8.04	1566	-5089	7.97	372.81	692.45
1-7-P	87	100	8.04	8.04	1875	-841	3.67	318.88	114.43
1-8-P	87	100	8.04	8.04	3197	-37	5.01	434.98	53.83
1-9-P	87	100	8.04	8.04	4028	-8	6.31	548.12	67.84
1-10-P	87	100	8.04	8.04	4151	-54	6.50	564.86	69.91
1-11-P	87	100	8.04	8.04	3373	-335	5.28	459.04	56.81
1-12-P	87	100	8.04	8.04	2307	-2194	3.61	313.87	298.61
1-13-P	87	100	8.04	8.04	1221	-5724	8.96	193.83	778.94
1-14-P	87	100	8.04	8.04	34	-10874	17.03	183.13	1479.70
1-15-P	87	100	8.04	8.04	234	-7701	12.06	129.70	1047.96
1-16-P	87	100	8.04	8.04	1581	-3572	5.59	268.88	486.09
1-17-P	87	100	8.04	8.04	2640	-328	4.13	359.17	44.62
1-18-P	87	100	8.04	8.04	3517	-36	5.51	478.63	59.24
1-19-P	87	100	8.04	8.04	3922	-1	6.14	533.61	66.04
1-20-P	87	100	8.04	8.04	3720	-46	5.83	506.26	62.65
1-21-P	87	100	8.04	8.04	2841	-332	4.45	386.61	47.85
1-22-P	87	100	8.04	8.04	1751	-2936	4.60	238.28	399.49
1-23-P	87	100	8.04	8.04	326	-6584	10.31	110.88	895.95
1-24-P	87	100	8.04	8.04	0	-12575	19.69	211.77	1711.14
1-25-P	87	100	8.04	8.04	326	-6584	10.31	110.88	895.95
1-26-P	87	100	8.04	8.04	1751	-2936	4.60	238.28	399.49
1-27-P	87	100	8.04	8.04	2841	-332	4.45	386.61	47.85
1-28-P	87	100	8.04	8.04	3720	-46	5.83	506.26	62.65
1-29-P	87	100	8.04	8.04	3922	-1	6.14	533.61	66.04
1-30-P	87	100	8.04	8.04	3517	-36	5.51	478.63	59.24
1-31-P	87	100	8.04	8.04	2640	-328	4.13	359.17	44.62
1-32-P	87	100	8.04	8.04	1581	-3572	5.59	268.88	486.09
1-33-P	87	100	8.04	8.04	234	-7701	12.06	129.70	1047.96
1-34-P	87	100	8.04	8.04	34	-10874	17.03	183.13	1479.70
1-35-P	87	100	8.04	8.04	1221	-5724	8.96	193.83	778.94
1-36-P	87	100	8.04	8.04	2307	-2194	3.61	313.87	298.61
1-37-P	87	100	8.04	8.04	3373	-335	5.28	459.04	56.81

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-38-P	87	100	8.04	8.04	4151	-54	6.50	564.86	69.91
1-39-P	87	100	8.04	8.04	4028	-8	6.31	548.12	67.84
1-40-P	87	100	8.04	8.04	3197	-37	5.01	434.98	53.83
1-41-P	87	100	8.04	8.04	1875	-841	3.67	318.88	114.43
1-42-P	87	100	8.04	8.04	1566	-5089	7.97	372.81	692.45
1-43-P	87	100	8.04	8.04	95	-9968	15.61	167.86	1356.32
1-44-P	87	100	8.04	8.04	133	-10814	16.93	182.12	1471.53
1-45-P	87	100	8.04	8.04	1169	-6265	9.81	303.62	852.48
1-46-P	87	100	8.04	8.04	402	-1383	2.17	136.87	188.15
1-47-P	87	100	8.04	8.04	588	-191	0.92	80.01	25.93
2-1-P	87	100	8.04	8.04	387	-328	0.64	52.64	55.72
2-2-P	87	100	8.04	8.04	266	-1141	2.23	45.27	194.01
2-3-P	87	100	8.04	8.04	312	-2077	4.07	70.83	353.31
2-4-P	87	100	8.04	8.04	267	-3408	6.59	84.91	572.83
2-5-P	87	100	8.04	8.04	397	-3046	6.26	126.05	543.94
2-6-P	87	100	8.04	8.04	743	-1198	3.13	168.56	271.78
2-7-P	87	100	8.04	8.04	1539	-247	3.01	261.80	84.15
2-8-P	87	100	8.04	8.04	2809	0	4.40	382.25	47.31
2-9-P	87	100	8.04	8.04	3759	-2	5.89	511.44	63.29
2-10-P	87	100	8.04	8.04	3803	-4	5.96	517.51	64.05
2-11-P	87	100	8.04	8.04	2632	-106	4.12	358.14	72.05
2-12-P	87	100	8.04	8.04	1579	-534	2.47	214.85	181.54
2-13-P	87	100	8.04	8.04	918	-1563	4.08	208.24	354.46
2-14-P	87	100	8.04	8.04	585	-3393	7.97	209.09	692.59
2-15-P	87	100	8.04	8.04	663	-2377	6.01	210.47	522.53
2-16-P	87	100	8.04	8.04	988	-843	2.58	224.03	191.20
2-17-P	87	100	8.04	8.04	1784	-124	3.49	303.49	42.32
2-18-P	87	100	8.04	8.04	2951	-1	4.62	401.54	49.69
2-19-P	87	100	8.04	8.04	3466	0	5.43	471.65	58.37
2-20-P	87	100	8.04	8.04	3188	-4	4.99	433.85	53.69
2-21-P	87	100	8.04	8.04	1955	-123	3.06	266.04	41.96
2-22-P	87	100	8.04	8.04	1044	-744	2.72	236.78	168.72
2-23-P	87	100	8.04	8.04	624	-2116	4.97	178.26	431.94
2-24-P	87	100	8.04	8.04	442	-4057	8.89	157.94	772.92
2-25-P	87	100	8.04	8.04	624	-2116	4.97	178.26	431.94
2-26-P	87	100	8.04	8.04	1044	-744	2.72	236.78	168.72
2-27-P	87	100	8.04	8.04	1955	-123	3.06	266.04	41.96
2-28-P	87	100	8.04	8.04	3188	-4	4.99	433.85	53.69
2-29-P	87	100	8.04	8.04	3466	0	5.43	471.65	58.37
2-30-P	87	100	8.04	8.04	2951	-1	4.62	401.54	49.69
2-31-P	87	100	8.04	8.04	1784	-124	3.49	303.49	42.32
2-32-P	87	100	8.04	8.04	988	-843	2.58	224.03	191.20
2-33-P	87	100	8.04	8.04	663	-2377	6.01	210.47	522.53
2-34-P	87	100	8.04	8.04	585	-3393	7.97	209.09	692.59
2-35-P	87	100	8.04	8.04	918	-1563	4.08	208.24	354.46
2-36-P	87	100	8.04	8.04	1579	-534	2.47	214.85	181.54
2-37-P	87	100	8.04	8.04	2632	-106	4.12	358.14	72.05
2-38-P	87	100	8.04	8.04	3803	-4	5.96	517.51	64.05
2-39-P	87	100	8.04	8.04	3759	-2	5.89	511.44	63.29
2-40-P	87	100	8.04	8.04	2809	0	4.40	382.25	47.31
2-41-P	87	100	8.04	8.04	1539	-247	3.01	261.80	84.15
2-42-P	87	100	8.04	8.04	743	-1198	3.13	168.56	271.78
2-43-P	87	100	8.04	8.04	397	-3046	6.26	126.05	543.94
2-44-P	87	100	8.04	8.04	267	-3408	6.59	84.91	572.83
2-45-P	87	100	8.04	8.04	312	-2077	4.07	70.83	353.31
2-46-P	87	100	8.04	8.04	266	-1141	2.23	45.27	194.01
2-47-P	87	100	8.04	8.04	387	-328	0.64	52.64	55.72
3-1-P	87	100	8.04	8.04	2477	-54	3.88	337.10	41.72
3-2-P	87	100	8.04	8.04	3609	0	5.65	491.02	60.77
3-3-P	87	100	8.04	8.04	5049	0	7.91	687.05	85.03
3-4-P	87	100	8.04	8.04	6205	0	9.72	844.33	104.49
3-5-P	87	100	8.04	8.04	7005	0	10.97	953.24	117.97
3-6-P	87	100	8.04	8.04	7603	0	11.91	1034.57	128.04
3-7-P	87	100	8.04	8.04	8054	0	12.61	1095.95	135.63
3-8-P	87	100	8.04	8.04	8338	0	13.06	1134.55	140.41
3-9-P	87	100	8.04	8.04	8467	0	13.26	1152.15	142.59
3-10-P	87	100	8.04	8.04	8417	0	13.18	1145.30	141.74
3-11-P	87	100	8.04	8.04	8144	0	12.75	1108.16	137.14
3-12-P	87	100	8.04	8.04	7825	0	12.25	1064.72	131.77

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
3-13-P	87	100	8.04	8.04	7502	0	11.75	1020.78	126.33
3-14-P	87	100	8.04	8.04	7303	0	11.44	993.77	122.99
3-15-P	87	100	8.04	8.04	7305	0	11.44	993.98	123.01
3-16-P	87	100	8.04	8.04	7424	0	11.62	1010.18	125.02
3-17-P	87	100	8.04	8.04	7639	0	11.96	1039.52	128.65
3-18-P	87	100	8.04	8.04	7806	0	12.22	1062.18	131.45
3-19-P	87	100	8.04	8.04	7856	0	12.30	1068.98	132.29
3-20-P	87	100	8.04	8.04	7786	0	12.19	1059.47	131.12
3-21-P	87	100	8.04	8.04	7555	0	11.83	1027.98	127.22
3-22-P	87	100	8.04	8.04	7283	0	11.40	990.96	122.64
3-23-P	87	100	8.04	8.04	7060	0	11.06	960.71	118.90
3-24-P	87	100	8.04	8.04	6930	0	10.85	943.05	116.71
3-25-P	87	100	8.04	8.04	7060	0	11.06	960.71	118.90
3-26-P	87	100	8.04	8.04	7283	0	11.40	990.96	122.64
3-27-P	87	100	8.04	8.04	7555	0	11.83	1027.98	127.22
3-28-P	87	100	8.04	8.04	7786	0	12.19	1059.47	131.12
3-29-P	87	100	8.04	8.04	7856	0	12.30	1068.98	132.29
3-30-P	87	100	8.04	8.04	7806	0	12.22	1062.18	131.45
3-31-P	87	100	8.04	8.04	7639	0	11.96	1039.52	128.65
3-32-P	87	100	8.04	8.04	7424	0	11.62	1010.18	125.02
3-33-P	87	100	8.04	8.04	7305	0	11.44	993.98	123.01
3-34-P	87	100	8.04	8.04	7303	0	11.44	993.77	122.99
3-35-P	87	100	8.04	8.04	7502	0	11.75	1020.78	126.33
3-36-P	87	100	8.04	8.04	7825	0	12.25	1064.72	131.77
3-37-P	87	100	8.04	8.04	8144	0	12.75	1108.16	137.14
3-38-P	87	100	8.04	8.04	8417	0	13.18	1145.30	141.74
3-39-P	87	100	8.04	8.04	8467	0	13.26	1152.15	142.59
3-40-P	87	100	8.04	8.04	8338	0	13.06	1134.55	140.41
3-41-P	87	100	8.04	8.04	8054	0	12.61	1095.95	135.63
3-42-P	87	100	8.04	8.04	7603	0	11.91	1034.57	128.04
3-43-P	87	100	8.04	8.04	7005	0	10.97	953.24	117.97
3-44-P	87	100	8.04	8.04	6205	0	9.72	844.33	104.49
3-45-P	87	100	8.04	8.04	5049	0	7.91	687.05	85.03
3-46-P	87	100	8.04	8.04	3609	0	5.65	491.02	60.77
3-47-P	87	100	8.04	8.04	2477	-54	3.88	337.10	41.72
5-1-P	10	100	4.02	4.02	1	-1	0.01	0.28	0.24
5-2-P	10	100	4.02	4.02	0	-1	0.01	0.12	0.26
5-3-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.36
5-4-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-5-P	10	100	4.02	4.02	0	-1	0.01	0.09	0.31
5-6-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-7-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-8-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-9-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-10-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-11-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-12-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-13-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-14-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-15-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-16-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-17-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-18-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-19-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-20-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-21-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-22-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-23-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-24-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-25-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-26-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-27-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-28-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-29-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-30-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-31-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-32-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-33-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-34-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-35-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-36-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-37-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-38-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-39-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-40-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-41-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-42-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-43-P	10	100	4.02	4.02	0	-1	0.01	0.09	0.31
5-44-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-45-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.36
5-46-P	10	100	4.02	4.02	0	-1	0.01	0.12	0.26
5-47-P	10	100	4.02	4.02	1	-1	0.01	0.28	0.24
6-1-S	94	100	31.42	12.57	2821	-2183	3.99	169.75	190.08
6-2-S	94	100	31.42	12.57	6802	-4479	8.08	343.77	390.03
6-3-S	94	100	31.42	12.57	382	-12348	13.02	142.31	1075.24
6-4-S	94	100	31.42	12.57	111	-18192	19.18	209.65	1584.10
6-5-S	94	100	31.42	12.57	0	-16345	17.23	188.37	1423.28
6-6-S	94	100	31.42	12.57	180	-5985	6.31	68.97	521.13
6-7-S	94	100	31.42	12.57	3704	-259	3.14	133.70	39.60
6-8-S	94	100	31.42	12.57	12270	0	10.41	442.94	131.20
6-9-S	94	100	31.42	12.57	20618	0	17.50	744.33	220.48
6-10-S	94	100	31.42	12.57	28408	0	24.10	1025.54	303.78
6-11-S	94	100	31.42	12.57	36594	0	31.05	1321.05	391.31
6-12-S	94	100	31.42	12.57	45377	0	38.50	1638.13	485.24
6-13-S	94	100	31.42	12.57	0	-76	0.08	0.87	6.59
6-14-S	94	100	31.42	12.57	2	-1	0.00	0.06	0.08
7-1-S	94	100	31.42	12.57	1031	-2148	2.26	37.22	187.02
7-2-S	94	100	31.42	12.57	2103	-4655	4.91	93.78	405.31
7-3-S	94	100	31.42	12.57	463	-9003	9.49	103.76	783.98
7-4-S	94	100	31.42	12.57	174	-10428	10.99	120.17	908.01
7-5-S	94	100	31.42	12.57	9	-8200	8.64	94.51	714.06
7-6-S	94	100	31.42	12.57	920	-2376	4.18	83.03	344.89
7-7-S	94	100	31.42	12.57	5781	-12	4.91	208.69	61.82
7-8-S	94	100	31.42	12.57	13203	0	11.20	476.65	141.19
7-9-S	94	100	31.42	12.57	20710	0	17.57	747.64	221.46
7-10-S	94	100	31.42	12.57	28151	0	23.89	1016.25	301.03
7-11-S	94	100	31.42	12.57	35571	0	30.18	1284.13	380.38
7-12-S	94	100	31.42	12.57	42978	0	36.47	1551.53	459.58
7-13-S	94	100	31.42	12.57	0	-75	0.08	0.86	6.52
7-14-S	94	100	31.42	12.57	0	0	0.00	0.00	0.00
8-1-S	94	100	28.27	12.57	505	-1590	2.85	31.37	230.92
8-2-S	94	100	28.27	12.57	342	-3213	3.46	38.05	280.07
8-3-S	94	100	28.27	12.57	419	-4473	4.81	52.97	389.87
8-4-S	94	100	28.27	12.57	280	-3981	4.28	47.14	346.93
8-5-S	94	100	28.27	12.57	184	-2162	2.33	25.60	188.41
8-6-S	94	100	28.27	12.57	2293	-262	2.02	91.61	114.15
8-7-S	94	100	28.27	12.57	7516	0	6.63	300.28	82.75
8-8-S	94	100	28.27	12.57	13661	0	12.05	545.78	150.41
8-9-S	94	100	28.27	12.57	20325	0	17.92	812.02	223.79
8-10-S	94	100	28.27	12.57	27132	0	23.92	1083.98	298.74
8-11-S	94	100	28.27	12.57	33863	0	29.86	1352.87	372.84
8-12-S	94	100	28.27	12.57	40476	0	35.69	1617.11	445.66
8-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
8-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
9-1-S	94	100	28.27	15.71	3783	-1765	3.27	150.78	123.63
9-2-S	94	100	28.27	15.71	8959	-4648	12.90	595.20	325.62
9-3-S	94	100	28.27	15.71	706	-14319	14.16	161.76	1003.17
9-4-S	94	100	28.27	15.71	332	-21684	21.44	244.96	1519.17
9-5-S	94	100	28.27	15.71	0	-19309	19.10	218.13	1352.77
9-6-S	94	100	28.27	15.71	20	-6922	6.85	78.19	484.92
9-7-S	94	100	28.27	15.71	2986	-17	2.58	119.03	32.12
9-8-S	94	100	28.27	15.71	11632	0	10.05	463.67	125.14
9-9-S	94	100	28.27	15.71	19227	0	16.61	766.41	206.85
9-10-S	94	100	28.27	15.71	26208	0	22.64	1044.69	281.95
9-11-S	94	100	28.27	15.71	32986	0	28.50	1314.86	354.87
9-12-S	94	100	28.27	15.71	39600	0	34.21	1578.51	426.03
9-13-S	94	100	28.27	15.71	0	-75	0.07	0.85	5.24
9-14-S	94	100	28.27	15.71	0	0	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
10-1-S	94	100	28.27	12.57	408	-1090	2.93	32.28	237.61
10-2-S	94	100	28.27	12.57	210	-2346	2.53	27.78	204.46
10-3-S	94	100	28.27	12.57	157	-3461	3.72	40.98	301.61
10-4-S	94	100	28.27	12.57	62	-3144	3.38	37.23	274.03
10-5-S	94	100	28.27	12.57	17	-1580	1.70	18.71	137.73
10-6-S	94	100	28.27	12.57	2160	-10	1.90	86.31	23.79
10-7-S	94	100	28.27	12.57	7267	0	6.41	290.34	80.01
10-8-S	94	100	28.27	12.57	13027	0	11.49	520.44	143.43
10-9-S	94	100	28.27	12.57	19307	0	17.02	771.37	212.58
10-10-S	94	100	28.27	12.57	25732	0	22.69	1028.04	283.32
10-11-S	94	100	28.27	12.57	32081	0	28.29	1281.69	353.23
10-12-S	94	100	28.27	12.57	38313	0	33.78	1530.66	421.84
10-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
10-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
11-1-S	94	100	28.27	12.57	2004	-2169	2.33	80.07	189.00
11-2-S	94	100	28.27	12.57	4479	-4258	4.58	178.93	371.09
11-3-S	94	100	28.27	12.57	594	-10151	10.93	120.20	884.71
11-4-S	94	100	28.27	12.57	281	-13582	14.62	160.83	1183.75
11-5-S	94	100	28.27	12.57	25	-11449	12.32	135.57	997.85
11-6-S	94	100	28.27	12.57	603	-3719	5.00	55.05	405.19
11-7-S	94	100	28.27	12.57	4520	-2	3.99	180.59	49.77
11-8-S	94	100	28.27	12.57	11816	0	10.42	472.07	130.10
11-9-S	94	100	28.27	12.57	18785	0	16.56	750.51	206.83
11-10-S	94	100	28.27	12.57	25448	0	22.44	1016.70	280.19
11-11-S	94	100	28.27	12.57	31967	0	28.19	1277.15	351.97
11-12-S	94	100	28.27	12.57	38353	0	33.82	1532.27	422.28
11-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
11-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
12-1-S	94	100	28.27	12.57	2004	-2169	2.33	80.07	189.00
12-2-S	94	100	28.27	12.57	4479	-4258	4.58	178.93	371.09
12-3-S	94	100	28.27	12.57	594	-10151	10.93	120.20	884.71
12-4-S	94	100	28.27	12.57	281	-13582	14.62	160.83	1183.75
12-5-S	94	100	28.27	12.57	25	-11449	12.32	135.57	997.85
12-6-S	94	100	28.27	12.57	603	-3719	5.00	55.05	405.19
12-7-S	94	100	28.27	12.57	4520	-2	3.99	180.59	49.77
12-8-S	94	100	28.27	12.57	11816	0	10.42	472.07	130.10
12-9-S	94	100	28.27	12.57	18785	0	16.56	750.51	206.83
12-10-S	94	100	28.27	12.57	25448	0	22.44	1016.70	280.19
12-11-S	94	100	28.27	12.57	31967	0	28.19	1277.15	351.97
12-12-S	94	100	28.27	12.57	38353	0	33.82	1532.27	422.28
12-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
12-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
13-1-S	94	100	28.27	12.57	408	-1090	2.93	32.28	237.61
13-2-S	94	100	28.27	12.57	210	-2346	2.53	27.78	204.46
13-3-S	94	100	28.27	12.57	157	-3461	3.72	40.98	301.61
13-4-S	94	100	28.27	12.57	62	-3144	3.38	37.23	274.03
13-5-S	94	100	28.27	12.57	17	-1580	1.70	18.71	137.73
13-6-S	94	100	28.27	12.57	2160	-10	1.90	86.31	23.79
13-7-S	94	100	28.27	12.57	7267	0	6.41	290.34	80.01
13-8-S	94	100	28.27	12.57	13027	0	11.49	520.44	143.43
13-9-S	94	100	28.27	12.57	19307	0	17.02	771.37	212.58
13-10-S	94	100	28.27	12.57	25732	0	22.69	1028.04	283.32
13-11-S	94	100	28.27	12.57	32081	0	28.29	1281.69	353.23
13-12-S	94	100	28.27	12.57	38313	0	33.78	1530.66	421.84
13-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
13-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
14-1-S	94	100	28.27	15.71	3783	-1765	3.27	150.78	123.63
14-2-S	94	100	28.27	15.71	8959	-4648	12.90	595.20	325.62
14-3-S	94	100	28.27	15.71	706	-14319	14.16	161.76	1003.17
14-4-S	94	100	28.27	15.71	332	-21684	21.44	244.96	1519.17
14-5-S	94	100	28.27	15.71	0	-19309	19.10	218.13	1352.77
14-6-S	94	100	28.27	15.71	20	-6922	6.85	78.19	484.92
14-7-S	94	100	28.27	15.71	2986	-17	2.58	119.03	32.12
14-8-S	94	100	28.27	15.71	11632	0	10.05	463.67	125.14
14-9-S	94	100	28.27	15.71	19227	0	16.61	766.41	206.85
14-10-S	94	100	28.27	15.71	26208	0	22.64	1044.69	281.95
14-11-S	94	100	28.27	15.71	32986	0	28.50	1314.86	354.87
14-12-S	94	100	28.27	15.71	39600	0	34.21	1578.51	426.03
14-13-S	94	100	28.27	15.71	0	-75	0.07	0.85	5.24

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
14-14-S	94	100	28.27	15.71	0	0	0.00	0.00	0.00
15-1-S	94	100	28.27	12.57	505	-1590	2.85	31.37	230.92
15-2-S	94	100	28.27	12.57	342	-3213	3.46	38.05	280.07
15-3-S	94	100	28.27	12.57	419	-4473	4.81	52.97	389.87
15-4-S	94	100	28.27	12.57	280	-3981	4.28	47.14	346.93
15-5-S	94	100	28.27	12.57	184	-2162	2.33	25.60	188.41
15-6-S	94	100	28.27	12.57	2293	-262	2.02	91.61	114.15
15-7-S	94	100	28.27	12.57	7516	0	6.63	300.28	82.75
15-8-S	94	100	28.27	12.57	13661	0	12.05	545.78	150.41
15-9-S	94	100	28.27	12.57	20325	0	17.92	812.02	223.79
15-10-S	94	100	28.27	12.57	27132	0	23.92	1083.98	298.74
15-11-S	94	100	28.27	12.57	33863	0	29.86	1352.87	372.84
15-12-S	94	100	28.27	12.57	40476	0	35.69	1617.11	445.66
15-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
15-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
16-1-S	94	100	31.42	12.57	1031	-2148	2.26	37.22	187.02
16-2-S	94	100	31.42	12.57	2103	-4655	4.91	93.78	405.31
16-3-S	94	100	31.42	12.57	463	-9003	9.49	103.76	783.98
16-4-S	94	100	31.42	12.57	174	-10428	10.99	120.17	908.01
16-5-S	94	100	31.42	12.57	9	-8200	8.64	94.51	714.06
16-6-S	94	100	31.42	12.57	920	-2376	4.18	83.03	344.89
16-7-S	94	100	31.42	12.57	5781	-12	4.91	208.69	61.82
16-8-S	94	100	31.42	12.57	13203	0	11.20	476.65	141.19
16-9-S	94	100	31.42	12.57	20710	0	17.57	747.64	221.46
16-10-S	94	100	31.42	12.57	28151	0	23.89	1016.25	301.03
16-11-S	94	100	31.42	12.57	35571	0	30.18	1284.13	380.38
16-12-S	94	100	31.42	12.57	42978	0	36.47	1551.53	459.58
16-13-S	94	100	31.42	12.57	0	-75	0.08	0.86	6.52
16-14-S	94	100	31.42	12.57	0	0	0.00	0.00	0.00
17-1-S	94	100	31.42	12.57	2821	-2183	3.99	169.75	190.08
17-2-S	94	100	31.42	12.57	6802	-4479	8.08	343.77	390.03
17-3-S	94	100	31.42	12.57	382	-12348	13.02	142.31	1075.24
17-4-S	94	100	31.42	12.57	111	-18192	19.18	209.65	1584.10
17-5-S	94	100	31.42	12.57	0	-16345	17.23	188.37	1423.28
17-6-S	94	100	31.42	12.57	180	-5985	6.31	68.97	521.13
17-7-S	94	100	31.42	12.57	3704	-259	3.14	133.70	39.60
17-8-S	94	100	31.42	12.57	12270	0	10.41	442.94	131.20
17-9-S	94	100	31.42	12.57	20618	0	17.50	744.33	220.48
17-10-S	94	100	31.42	12.57	28408	0	24.10	1025.54	303.78
17-11-S	94	100	31.42	12.57	36594	0	31.05	1321.05	391.31
17-12-S	94	100	31.42	12.57	45377	0	38.50	1638.13	485.24
17-13-S	94	100	31.42	12.57	0	-76	0.08	0.87	6.59
17-14-S	94	100	31.42	12.57	2	-1	0.00	0.06	0.08

Pali in c.a.

Combinazione n° 10 - SLER

Y	A_f	σ_c	σ_f	τ_c	σ_{stf}
[m]	[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
0.00	169.65	93.19	1970.27		
0.00	169.65	100.35	1281.79		

Combinazioni SLEF

Paramento

Combinazione n° 11 - SLEF

Tensione massima di compressione nel calcestruzzo338.54 [kg/cmq]
Tensione massima di trazione dell'acciaio4588.00[kg/cmq]

n°	Y	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[m]	*[cm]*	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kg]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	0.00	100	40	12.57	12.57	0	0	0.00	0.00	0.00
2	-0.35	100	42	12.57	12.57	-2	357	0.08	1.23	1.10
3	-0.70	100	44	12.57	12.57	-8	732	0.17	2.53	2.04
4	-1.04	100	46	12.57	12.57	-18	1126	0.27	3.89	2.85
5	-1.39	100	49	12.57	12.57	-32	1538	0.36	5.28	3.54
6	-1.74	100	51	12.57	12.57	-50	1969	0.46	6.71	4.15
7	-2.09	100	53	12.57	12.57	-74	2418	0.57	8.17	4.67
8	-2.43	100	55	12.57	12.57	-101	2886	0.67	9.62	5.14
9	-2.78	100	57	12.57	12.57	-119	3372	0.75	10.80	5.85
10	-3.13	100	59	12.57	12.57	-99	3877	0.76	11.17	7.32
11	-3.48	100	61	12.57	12.57	-8	4400	0.69	10.30	10.00
12	-3.82	100	63	12.57	12.57	184	4942	0.98	7.87	14.21
13	-4.17	100	66	12.57	12.57	510	5502	1.42	3.63	20.20
14	-4.52	100	68	12.57	12.57	1001	6080	2.07	4.30	28.77
15	-4.87	100	70	12.57	12.57	1689	6677	3.24	30.84	43.75
16	-5.21	100	72	12.57	12.57	2605	7293	5.02	92.67	65.38
17	-5.56	100	74	12.57	12.57	3781	7927	7.21	189.79	91.16
18	-5.91	100	76	12.57	12.57	5249	8579	9.74	317.79	120.35
19	-6.26	100	78	12.57	12.57	7039	9250	12.59	474.92	153.05
20	-6.60	100	80	12.57	12.57	9167	9940	15.74	659.44	189.19
21	-6.95	100	83	12.57	18.85	11638	10648	16.67	597.21	206.82
22	-7.30	100	85	12.57	18.85	14460	11374	19.80	755.07	244.76

Piastra fondazione

Combinazione n° 11 - SLEF

Tensione massima di compressione nel calcestruzzo 338.54 [kg/cmq]
Tensione massima di trazione dell'acciaio 4588.00[kg/cmq]

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1-1-P	87	100	8.04	8.04	489	-149	0.77	66.55	20.25
1-2-P	87	100	8.04	8.04	353	-1134	1.78	120.10	154.36

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-3-P	87	100	8.04	8.04	1011	-5179	8.11	262.62	704.77
1-4-P	87	100	8.04	8.04	117	-8812	13.80	148.39	1199.01
1-5-P	87	100	8.04	8.04	88	-8125	12.72	136.83	1105.60
1-6-P	87	100	8.04	8.04	1362	-4263	6.68	299.33	580.05
1-7-P	87	100	8.04	8.04	1590	-756	3.11	270.47	102.84
1-8-P	87	100	8.04	8.04	2589	-38	4.05	352.24	43.59
1-9-P	87	100	8.04	8.04	3234	-6	5.06	440.12	54.47
1-10-P	87	100	8.04	8.04	3328	-50	5.21	452.89	56.05
1-11-P	87	100	8.04	8.04	2714	-294	4.25	369.27	45.70
1-12-P	87	100	8.04	8.04	1889	-1875	2.96	257.04	255.08
1-13-P	87	100	8.04	8.04	1048	-4823	7.55	166.32	656.27
1-14-P	87	100	8.04	8.04	29	-8934	13.99	150.45	1215.71
1-15-P	87	100	8.04	8.04	208	-6391	10.01	107.63	869.69
1-16-P	87	100	8.04	8.04	1321	-3059	4.79	179.77	416.29
1-17-P	87	100	8.04	8.04	2110	-313	4.13	358.96	44.42
1-18-P	87	100	8.04	8.04	2771	-38	4.34	377.07	46.67
1-19-P	87	100	8.04	8.04	3084	-1	4.83	419.66	51.94
1-20-P	87	100	8.04	8.04	2929	-44	4.59	398.58	49.33
1-21-P	87	100	8.04	8.04	2250	-300	3.52	306.12	40.80
1-22-P	87	100	8.04	8.04	1435	-2518	3.94	195.26	342.60
1-23-P	87	100	8.04	8.04	294	-5515	8.64	92.88	750.47
1-24-P	87	100	8.04	8.04	1	-10330	16.98	182.65	1475.86
1-25-P	87	100	8.04	8.04	294	-5515	8.64	92.88	750.47
1-26-P	87	100	8.04	8.04	1435	-2518	3.94	195.26	342.60
1-27-P	87	100	8.04	8.04	2250	-300	3.52	306.12	40.80
1-28-P	87	100	8.04	8.04	2929	-44	4.59	398.58	49.33
1-29-P	87	100	8.04	8.04	3084	-1	4.83	419.66	51.94
1-30-P	87	100	8.04	8.04	2771	-38	4.34	377.07	46.67
1-31-P	87	100	8.04	8.04	2110	-313	4.13	358.96	44.42
1-32-P	87	100	8.04	8.04	1321	-3059	4.79	179.77	416.29
1-33-P	87	100	8.04	8.04	208	-6391	10.01	107.63	869.69
1-34-P	87	100	8.04	8.04	29	-8934	13.99	150.45	1215.71
1-35-P	87	100	8.04	8.04	1048	-4823	7.55	166.32	656.27
1-36-P	87	100	8.04	8.04	1889	-1875	2.96	257.04	255.08
1-37-P	87	100	8.04	8.04	2714	-294	4.25	369.27	45.70
1-38-P	87	100	8.04	8.04	3328	-50	5.21	452.89	56.05
1-39-P	87	100	8.04	8.04	3234	-6	5.06	440.12	54.47
1-40-P	87	100	8.04	8.04	2589	-38	4.05	352.24	43.59
1-41-P	87	100	8.04	8.04	1590	-756	3.11	270.47	102.84
1-42-P	87	100	8.04	8.04	1362	-4263	6.68	299.33	580.05
1-43-P	87	100	8.04	8.04	88	-8125	12.72	136.83	1105.60
1-44-P	87	100	8.04	8.04	117	-8812	13.80	148.39	1199.01
1-45-P	87	100	8.04	8.04	1011	-5179	8.11	262.62	704.77
1-46-P	87	100	8.04	8.04	353	-1134	1.78	120.10	154.36
1-47-P	87	100	8.04	8.04	489	-149	0.77	66.55	20.25
2-1-P	87	100	8.04	8.04	326	-272	0.51	44.40	36.96
2-2-P	87	100	8.04	8.04	226	-969	1.90	51.26	164.82
2-3-P	87	100	8.04	8.04	218	-1714	3.36	49.48	291.57
2-4-P	87	100	8.04	8.04	185	-2886	5.27	66.17	458.14
2-5-P	87	100	8.04	8.04	272	-2615	5.37	97.33	467.03
2-6-P	87	100	8.04	8.04	514	-1062	2.77	174.95	240.93
2-7-P	87	100	8.04	8.04	1105	-266	2.88	250.55	90.33
2-8-P	87	100	8.04	8.04	2062	0	3.23	280.58	34.72
2-9-P	87	100	8.04	8.04	2830	-6	4.43	385.12	47.66

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2-10-P	87	100	8.04	8.04	2853	-9	4.47	388.26	48.05
2-11-P	87	100	8.04	8.04	1915	-134	3.00	260.57	45.74
2-12-P	87	100	8.04	8.04	1094	-534	2.14	186.09	121.01
2-13-P	87	100	8.04	8.04	557	-1386	3.62	126.26	314.42
2-14-P	87	100	8.04	8.04	364	-3021	6.62	130.18	575.55
2-15-P	87	100	8.04	8.04	413	-2150	5.05	147.56	438.86
2-16-P	87	100	8.04	8.04	658	-847	2.21	149.22	192.14
2-17-P	87	100	8.04	8.04	1222	-183	2.39	207.84	62.28
2-18-P	87	100	8.04	8.04	2107	-2	3.30	286.66	35.48
2-19-P	87	100	8.04	8.04	2532	-1	3.96	344.51	42.64
2-20-P	87	100	8.04	8.04	2304	-5	3.61	313.50	38.80
2-21-P	87	100	8.04	8.04	1320	-140	2.07	179.58	47.74
2-22-P	87	100	8.04	8.04	709	-777	2.03	160.70	176.28
2-23-P	87	100	8.04	8.04	379	-1930	4.53	120.48	393.88
2-24-P	87	100	8.04	8.04	259	-3598	7.40	105.60	642.65
2-25-P	87	100	8.04	8.04	379	-1930	4.53	120.48	393.88
2-26-P	87	100	8.04	8.04	709	-777	2.03	160.70	176.28
2-27-P	87	100	8.04	8.04	1320	-140	2.07	179.58	47.74
2-28-P	87	100	8.04	8.04	2304	-5	3.61	313.50	38.80
2-29-P	87	100	8.04	8.04	2532	-1	3.96	344.51	42.64
2-30-P	87	100	8.04	8.04	2107	-2	3.30	286.66	35.48
2-31-P	87	100	8.04	8.04	1222	-183	2.39	207.84	62.28
2-32-P	87	100	8.04	8.04	658	-847	2.21	149.22	192.14
2-33-P	87	100	8.04	8.04	413	-2150	5.05	147.56	438.86
2-34-P	87	100	8.04	8.04	364	-3021	6.62	130.18	575.55
2-35-P	87	100	8.04	8.04	557	-1386	3.62	126.26	314.42
2-36-P	87	100	8.04	8.04	1094	-534	2.14	186.09	121.01
2-37-P	87	100	8.04	8.04	1915	-134	3.00	260.57	45.74
2-38-P	87	100	8.04	8.04	2853	-9	4.47	388.26	48.05
2-39-P	87	100	8.04	8.04	2830	-6	4.43	385.12	47.66
2-40-P	87	100	8.04	8.04	2062	0	3.23	280.58	34.72
2-41-P	87	100	8.04	8.04	1105	-266	2.88	250.55	90.33
2-42-P	87	100	8.04	8.04	514	-1062	2.77	174.95	240.93
2-43-P	87	100	8.04	8.04	272	-2615	5.37	97.33	467.03
2-44-P	87	100	8.04	8.04	185	-2886	5.27	66.17	458.14
2-45-P	87	100	8.04	8.04	218	-1714	3.36	49.48	291.57
2-46-P	87	100	8.04	8.04	226	-969	1.90	51.26	164.82
2-47-P	87	100	8.04	8.04	326	-272	0.51	44.40	36.96
3-1-P	87	100	8.04	8.04	1910	-45	2.99	259.92	32.17
3-2-P	87	100	8.04	8.04	2778	0	4.35	378.05	46.79
3-3-P	87	100	8.04	8.04	3870	0	6.06	526.59	65.17
3-4-P	87	100	8.04	8.04	4741	0	7.42	645.06	79.83
3-5-P	87	100	8.04	8.04	5343	0	8.37	727.03	89.98
3-6-P	87	100	8.04	8.04	5795	0	9.07	788.50	97.58
3-7-P	87	100	8.04	8.04	6141	0	9.62	835.65	103.42
3-8-P	87	100	8.04	8.04	6358	0	9.96	865.14	107.07
3-9-P	87	100	8.04	8.04	6452	0	10.10	877.98	108.66
3-10-P	87	100	8.04	8.04	6402	0	10.03	871.19	107.82
3-11-P	87	100	8.04	8.04	6172	0	9.66	839.83	103.94
3-12-P	87	100	8.04	8.04	5904	0	9.25	803.44	99.43
3-13-P	87	100	8.04	8.04	5635	0	8.82	766.81	94.90
3-14-P	87	100	8.04	8.04	5470	0	8.57	744.38	92.12
3-15-P	87	100	8.04	8.04	5472	0	8.57	744.66	92.16
3-16-P	87	100	8.04	8.04	5572	0	8.73	758.25	93.84

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
3-17-P	87	100	8.04	8.04	5753	0	9.01	782.76	96.87
3-18-P	87	100	8.04	8.04	5892	0	9.23	801.72	99.22
3-19-P	87	100	8.04	8.04	5934	0	9.29	807.51	99.94
3-20-P	87	100	8.04	8.04	5877	0	9.20	799.75	98.97
3-21-P	87	100	8.04	8.04	5686	0	8.90	773.73	95.75
3-22-P	87	100	8.04	8.04	5461	0	8.55	743.06	91.96
3-23-P	87	100	8.04	8.04	5277	0	8.26	717.99	88.86
3-24-P	87	100	8.04	8.04	5169	0	8.09	703.32	87.04
3-25-P	87	100	8.04	8.04	5277	0	8.26	717.99	88.86
3-26-P	87	100	8.04	8.04	5461	0	8.55	743.06	91.96
3-27-P	87	100	8.04	8.04	5686	0	8.90	773.73	95.75
3-28-P	87	100	8.04	8.04	5877	0	9.20	799.75	98.97
3-29-P	87	100	8.04	8.04	5934	0	9.29	807.51	99.94
3-30-P	87	100	8.04	8.04	5892	0	9.23	801.72	99.22
3-31-P	87	100	8.04	8.04	5753	0	9.01	782.76	96.87
3-32-P	87	100	8.04	8.04	5572	0	8.73	758.25	93.84
3-33-P	87	100	8.04	8.04	5472	0	8.57	744.66	92.16
3-34-P	87	100	8.04	8.04	5470	0	8.57	744.38	92.12
3-35-P	87	100	8.04	8.04	5635	0	8.82	766.81	94.90
3-36-P	87	100	8.04	8.04	5904	0	9.25	803.44	99.43
3-37-P	87	100	8.04	8.04	6172	0	9.66	839.83	103.94
3-38-P	87	100	8.04	8.04	6402	0	10.03	871.19	107.82
3-39-P	87	100	8.04	8.04	6452	0	10.10	877.98	108.66
3-40-P	87	100	8.04	8.04	6358	0	9.96	865.14	107.07
3-41-P	87	100	8.04	8.04	6141	0	9.62	835.65	103.42
3-42-P	87	100	8.04	8.04	5795	0	9.07	788.50	97.58
3-43-P	87	100	8.04	8.04	5343	0	8.37	727.03	89.98
3-44-P	87	100	8.04	8.04	4741	0	7.42	645.06	79.83
3-45-P	87	100	8.04	8.04	3870	0	6.06	526.59	65.17
3-46-P	87	100	8.04	8.04	2778	0	4.35	378.05	46.79
3-47-P	87	100	8.04	8.04	1910	-45	2.99	259.92	32.17
5-1-P	10	100	4.02	4.02	1	-1	0.01	0.28	0.24
5-2-P	10	100	4.02	4.02	0	-1	0.01	0.12	0.26
5-3-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.36
5-4-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-5-P	10	100	4.02	4.02	0	-1	0.01	0.09	0.31
5-6-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-7-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-8-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-9-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-10-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-11-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-12-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-13-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-14-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-15-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-16-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-17-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-18-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-19-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-20-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-21-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-22-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-23-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-24-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-25-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-26-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-27-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-28-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-29-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-30-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-31-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-32-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-33-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-34-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-35-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-36-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-37-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-38-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-39-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-40-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-41-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-42-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-43-P	10	100	4.02	4.02	0	-1	0.01	0.09	0.31
5-44-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-45-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.36
5-46-P	10	100	4.02	4.02	0	-1	0.01	0.12	0.26
5-47-P	10	100	4.02	4.02	1	-1	0.01	0.28	0.24
6-1-S	94	100	31.42	12.57	2393	-1850	3.38	143.95	161.06
6-2-S	94	100	31.42	12.57	5787	-3802	6.88	292.50	331.07
6-3-S	94	100	31.42	12.57	325	-10468	11.03	120.65	911.57
6-4-S	94	100	31.42	12.57	92	-15712	16.56	181.07	1368.13
6-5-S	94	100	31.42	12.57	0	-14547	15.33	167.64	1266.68
6-6-S	94	100	31.42	12.57	52	-6002	6.33	69.17	522.64
6-7-S	94	100	31.42	12.57	1985	-451	2.11	89.59	39.32
6-8-S	94	100	31.42	12.57	8644	0	7.34	312.07	92.44
6-9-S	94	100	31.42	12.57	15338	0	13.01	553.70	164.01
6-10-S	94	100	31.42	12.57	21557	0	18.29	778.24	230.52
6-11-S	94	100	31.42	12.57	28063	0	23.81	1013.10	300.09
6-12-S	94	100	31.42	12.57	35015	0	29.71	1264.04	374.43
6-13-S	94	100	31.42	12.57	0	-76	0.08	0.87	6.59
6-14-S	94	100	31.42	12.57	2	-1	0.00	0.06	0.08
7-1-S	94	100	31.42	12.57	893	-1842	1.94	32.24	160.36
7-2-S	94	100	31.42	12.57	1801	-3982	4.20	80.34	346.74
7-3-S	94	100	31.42	12.57	401	-7748	8.17	89.30	674.72
7-4-S	94	100	31.42	12.57	145	-9186	9.68	105.86	799.87
7-5-S	94	100	31.42	12.57	4	-7609	8.02	87.70	662.61
7-6-S	94	100	31.42	12.57	386	-2627	4.62	50.47	381.33
7-7-S	94	100	31.42	12.57	3548	-29	3.01	128.10	37.94
7-8-S	94	100	31.42	12.57	9441	0	8.01	340.83	100.96
7-9-S	94	100	31.42	12.57	15404	0	13.07	556.08	164.72
7-10-S	94	100	31.42	12.57	21278	0	18.06	768.14	227.53
7-11-S	94	100	31.42	12.57	27107	0	23.00	978.57	289.86
7-12-S	94	100	31.42	12.57	32893	0	27.91	1187.46	351.74
7-13-S	94	100	31.42	12.57	0	-75	0.08	0.86	6.52
7-14-S	94	100	31.42	12.57	0	0	0.00	0.00	0.00
8-1-S	94	100	28.27	12.57	426	-1347	2.42	26.58	195.60
8-2-S	94	100	28.27	12.57	285	-2771	2.98	32.82	241.54

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
8-3-S	94	100	28.27	12.57	339	-3963	4.27	46.93	345.41
8-4-S	94	100	28.27	12.57	205	-3740	4.03	44.29	325.98
8-5-S	94	100	28.27	12.57	97	-2433	2.62	28.81	212.02
8-6-S	94	100	28.27	12.57	1152	-416	1.12	46.01	90.69
8-7-S	94	100	28.27	12.57	5022	0	4.43	200.66	55.30
8-8-S	94	100	28.27	12.57	9849	0	8.68	393.48	108.44
8-9-S	94	100	28.27	12.57	15095	0	13.31	603.06	166.20
8-10-S	94	100	28.27	12.57	20434	0	18.02	816.38	224.99
8-11-S	94	100	28.27	12.57	25691	0	22.65	1026.42	282.87
8-12-S	94	100	28.27	12.57	30833	0	27.19	1231.82	339.48
8-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
8-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
9-1-S	94	100	28.27	15.71	3216	-1507	2.78	128.18	105.56
9-2-S	94	100	28.27	15.71	7631	-3937	10.99	506.97	275.81
9-3-S	94	100	28.27	15.71	599	-12074	11.94	136.40	845.88
9-4-S	94	100	28.27	15.71	268	-18624	18.42	210.39	1304.75
9-5-S	94	100	28.27	15.71	0	-17066	16.88	192.79	1195.59
9-6-S	94	100	28.27	15.71	1	-6887	6.81	77.80	482.49
9-7-S	94	100	28.27	15.71	1295	-162	1.40	64.53	17.42
9-8-S	94	100	28.27	15.71	8115	0	7.01	323.49	87.31
9-9-S	94	100	28.27	15.71	14169	0	12.24	564.81	152.44
9-10-S	94	100	28.27	15.71	19673	0	17.00	784.22	211.65
9-11-S	94	100	28.27	15.71	24988	0	21.59	996.04	268.82
9-12-S	94	100	28.27	15.71	30146	0	26.04	1201.65	324.32
9-13-S	94	100	28.27	15.71	0	-75	0.07	0.85	5.24
9-14-S	94	100	28.27	15.71	0	0	0.00	0.00	0.00
10-1-S	94	100	28.27	12.57	346	-926	2.49	27.41	201.71
10-2-S	94	100	28.27	12.57	180	-2048	2.20	24.25	178.50
10-3-S	94	100	28.27	12.57	130	-3122	3.36	36.97	272.13
10-4-S	94	100	28.27	12.57	44	-3058	3.29	36.21	266.48
10-5-S	94	100	28.27	12.57	8	-1989	2.14	23.56	173.37
10-6-S	94	100	28.27	12.57	994	-143	0.88	39.71	62.21
10-7-S	94	100	28.27	12.57	4837	0	4.27	193.25	53.26
10-8-S	94	100	28.27	12.57	9348	0	8.24	373.47	102.93
10-9-S	94	100	28.27	12.57	14282	0	12.59	570.61	157.26
10-10-S	94	100	28.27	12.57	19316	0	17.03	771.70	212.68
10-11-S	94	100	28.27	12.57	24272	0	21.40	969.72	267.25
10-12-S	94	100	28.27	12.57	29116	0	25.67	1163.25	320.58
10-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
10-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
11-1-S	94	100	28.27	12.57	1705	-1843	1.98	68.11	160.66
11-2-S	94	100	28.27	12.57	3818	-3633	3.91	152.55	316.64
11-3-S	94	100	28.27	12.57	496	-8650	9.31	102.43	753.93
11-4-S	94	100	28.27	12.57	217	-11808	12.71	139.82	1029.13
11-5-S	94	100	28.27	12.57	10	-10358	11.15	122.66	902.78
11-6-S	94	100	28.27	12.57	204	-3840	5.17	56.84	418.35
11-7-S	94	100	28.27	12.57	2582	-95	2.85	128.94	35.54
11-8-S	94	100	28.27	12.57	8311	0	7.33	332.04	91.51
11-9-S	94	100	28.27	12.57	13839	0	12.20	552.90	152.38
11-10-S	94	100	28.27	12.57	19082	0	16.83	762.36	210.10
11-11-S	94	100	28.27	12.57	24188	0	21.33	966.35	266.32
11-12-S	94	100	28.27	12.57	29165	0	25.72	1165.20	321.12
11-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
11-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
12-1-S	94	100	28.27	12.57	1705	-1843	1.98	68.11	160.66
12-2-S	94	100	28.27	12.57	3818	-3633	3.91	152.55	316.64
12-3-S	94	100	28.27	12.57	496	-8650	9.31	102.43	753.93
12-4-S	94	100	28.27	12.57	217	-11808	12.71	139.82	1029.13
12-5-S	94	100	28.27	12.57	10	-10358	11.15	122.66	902.78
12-6-S	94	100	28.27	12.57	204	-3840	5.17	56.84	418.35
12-7-S	94	100	28.27	12.57	2582	-95	2.85	128.94	35.54
12-8-S	94	100	28.27	12.57	8311	0	7.33	332.04	91.51
12-9-S	94	100	28.27	12.57	13839	0	12.20	552.90	152.38
12-10-S	94	100	28.27	12.57	19082	0	16.83	762.36	210.10
12-11-S	94	100	28.27	12.57	24188	0	21.33	966.35	266.32
12-12-S	94	100	28.27	12.57	29165	0	25.72	1165.20	321.12
12-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
12-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
13-1-S	94	100	28.27	12.57	346	-926	2.49	27.41	201.71
13-2-S	94	100	28.27	12.57	180	-2048	2.20	24.25	178.50
13-3-S	94	100	28.27	12.57	130	-3122	3.36	36.97	272.13
13-4-S	94	100	28.27	12.57	44	-3058	3.29	36.21	266.48
13-5-S	94	100	28.27	12.57	8	-1989	2.14	23.56	173.37
13-6-S	94	100	28.27	12.57	994	-143	0.88	39.71	62.21
13-7-S	94	100	28.27	12.57	4837	0	4.27	193.25	53.26
13-8-S	94	100	28.27	12.57	9348	0	8.24	373.47	102.93
13-9-S	94	100	28.27	12.57	14282	0	12.59	570.61	157.26
13-10-S	94	100	28.27	12.57	19316	0	17.03	771.70	212.68
13-11-S	94	100	28.27	12.57	24272	0	21.40	969.72	267.25
13-12-S	94	100	28.27	12.57	29116	0	25.67	1163.25	320.58
13-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
13-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
14-1-S	94	100	28.27	15.71	3216	-1507	2.78	128.18	105.56
14-2-S	94	100	28.27	15.71	7631	-3937	10.99	506.97	275.81
14-3-S	94	100	28.27	15.71	599	-12074	11.94	136.40	845.88
14-4-S	94	100	28.27	15.71	268	-18624	18.42	210.39	1304.75
14-5-S	94	100	28.27	15.71	0	-17066	16.88	192.79	1195.59
14-6-S	94	100	28.27	15.71	1	-6887	6.81	77.80	482.49
14-7-S	94	100	28.27	15.71	1295	-162	1.40	64.53	17.42
14-8-S	94	100	28.27	15.71	8115	0	7.01	323.49	87.31
14-9-S	94	100	28.27	15.71	14169	0	12.24	564.81	152.44
14-10-S	94	100	28.27	15.71	19673	0	17.00	784.22	211.65
14-11-S	94	100	28.27	15.71	24988	0	21.59	996.04	268.82
14-12-S	94	100	28.27	15.71	30146	0	26.04	1201.65	324.32
14-13-S	94	100	28.27	15.71	0	-75	0.07	0.85	5.24
14-14-S	94	100	28.27	15.71	0	0	0.00	0.00	0.00
15-1-S	94	100	28.27	12.57	426	-1347	2.42	26.58	195.60
15-2-S	94	100	28.27	12.57	285	-2771	2.98	32.82	241.54
15-3-S	94	100	28.27	12.57	339	-3963	4.27	46.93	345.41
15-4-S	94	100	28.27	12.57	205	-3740	4.03	44.29	325.98
15-5-S	94	100	28.27	12.57	97	-2433	2.62	28.81	212.02
15-6-S	94	100	28.27	12.57	1152	-416	1.12	46.01	90.69
15-7-S	94	100	28.27	12.57	5022	0	4.43	200.66	55.30
15-8-S	94	100	28.27	12.57	9849	0	8.68	393.48	108.44
15-9-S	94	100	28.27	12.57	15095	0	13.31	603.06	166.20
15-10-S	94	100	28.27	12.57	20434	0	18.02	816.38	224.99
15-11-S	94	100	28.27	12.57	25691	0	22.65	1026.42	282.87
15-12-S	94	100	28.27	12.57	30833	0	27.19	1231.82	339.48

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
15-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
15-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
16-1-S	94	100	31.42	12.57	893	-1842	1.94	32.24	160.36
16-2-S	94	100	31.42	12.57	1801	-3982	4.20	80.34	346.74
16-3-S	94	100	31.42	12.57	401	-7748	8.17	89.30	674.72
16-4-S	94	100	31.42	12.57	145	-9186	9.68	105.86	799.87
16-5-S	94	100	31.42	12.57	4	-7609	8.02	87.70	662.61
16-6-S	94	100	31.42	12.57	386	-2627	4.62	50.47	381.33
16-7-S	94	100	31.42	12.57	3548	-29	3.01	128.10	37.94
16-8-S	94	100	31.42	12.57	9441	0	8.01	340.83	100.96
16-9-S	94	100	31.42	12.57	15404	0	13.07	556.08	164.72
16-10-S	94	100	31.42	12.57	21278	0	18.06	768.14	227.53
16-11-S	94	100	31.42	12.57	27107	0	23.00	978.57	289.86
16-12-S	94	100	31.42	12.57	32893	0	27.91	1187.46	351.74
16-13-S	94	100	31.42	12.57	0	-75	0.08	0.86	6.52
16-14-S	94	100	31.42	12.57	0	0	0.00	0.00	0.00
17-1-S	94	100	31.42	12.57	2393	-1850	3.38	143.95	161.06
17-2-S	94	100	31.42	12.57	5787	-3802	6.88	292.50	331.07
17-3-S	94	100	31.42	12.57	325	-10468	11.03	120.65	911.57
17-4-S	94	100	31.42	12.57	92	-15712	16.56	181.07	1368.13
17-5-S	94	100	31.42	12.57	0	-14547	15.33	167.64	1266.68
17-6-S	94	100	31.42	12.57	52	-6002	6.33	69.17	522.64
17-7-S	94	100	31.42	12.57	1985	-451	2.11	89.59	39.32
17-8-S	94	100	31.42	12.57	8644	0	7.34	312.07	92.44
17-9-S	94	100	31.42	12.57	15338	0	13.01	553.70	164.01
17-10-S	94	100	31.42	12.57	21557	0	18.29	778.24	230.52
17-11-S	94	100	31.42	12.57	28063	0	23.81	1013.10	300.09
17-12-S	94	100	31.42	12.57	35015	0	29.71	1264.04	374.43
17-13-S	94	100	31.42	12.57	0	-76	0.08	0.87	6.59
17-14-S	94	100	31.42	12.57	2	-1	0.00	0.06	0.08

Pali in c.a.

Combinazione n° 11 - SLEF

Y	A_f	σ_c	σ_f	τ_c	σ_{stf}
[m]	[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
0.00	169.65	80.18	1614.61		
0.00	169.65	85.35	1108.88		

Combinazioni SLEQ

Paramento

Combinazione n° 12 - SLEQ

Tensione massima di compressione nel calcestruzzo152.34 [kg/cmq]
Tensione massima di trazione dell'acciaio4588.00[kg/cmq]

n°	Y	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[m]	*[cm]*	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kg]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	0.00	100	40	12.57	12.57	0	0	0.00	0.00	0.00
2	-0.35	100	42	12.57	12.57	-2	357	0.08	1.23	1.10
3	-0.70	100	44	12.57	12.57	-8	732	0.17	2.53	2.04
4	-1.04	100	46	12.57	12.57	-18	1126	0.27	3.89	2.85
5	-1.39	100	49	12.57	12.57	-32	1538	0.36	5.28	3.54
6	-1.74	100	51	12.57	12.57	-50	1969	0.46	6.71	4.15
7	-2.09	100	53	12.57	12.57	-74	2418	0.57	8.17	4.67
8	-2.43	100	55	12.57	12.57	-102	2886	0.67	9.64	5.12
9	-2.78	100	57	12.57	12.57	-135	3372	0.77	11.12	5.53
10	-3.13	100	59	12.57	12.57	-164	3877	0.86	12.43	6.06
11	-3.48	100	61	12.57	12.57	-161	4400	0.90	13.09	7.20
12	-3.82	100	63	12.57	12.57	-95	4942	0.86	12.67	9.40
13	-4.17	100	66	12.57	12.57	66	5502	0.88	10.83	12.99
14	-4.52	100	68	12.57	12.57	354	6080	1.26	7.34	18.21
15	-4.87	100	70	12.57	12.57	800	6677	1.78	2.00	25.24
16	-5.21	100	72	12.57	12.57	1436	7293	2.58	10.02	35.88
17	-5.56	100	74	12.57	12.57	2294	7927	3.99	46.94	53.81
18	-5.91	100	76	12.57	12.57	3405	8579	5.98	122.18	77.97
19	-6.26	100	78	12.57	12.57	4800	9250	8.35	232.73	105.94
20	-6.60	100	80	12.57	12.57	6501	9940	11.01	373.17	137.00
21	-6.95	100	83	12.57	18.85	8525	10648	12.25	376.01	155.22
22	-7.30	100	85	12.57	18.85	10901	11374	14.99	507.47	188.60

Piastra fondazione

Combinazione n° 12 - SLEQ

Tensione massima di compressione nel calcestruzzo 152.34 [kg/cmq]
Tensione massima di trazione dell'acciaio 4588.00[kg/cmq]

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1-1-P	87	100	8.04	8.04	442	-130	0.69	60.19	17.63
1-2-P	87	100	8.04	8.04	329	-1016	1.59	112.04	138.30
1-3-P	87	100	8.04	8.04	935	-4662	7.30	242.93	634.39
1-4-P	87	100	8.04	8.04	109	-7859	12.31	132.36	1069.46
1-5-P	87	100	8.04	8.04	85	-7250	11.35	122.09	986.51
1-6-P	87	100	8.04	8.04	1265	-3869	6.06	277.99	526.49
1-7-P	87	100	8.04	8.04	1454	-714	2.85	247.31	97.15
1-8-P	87	100	8.04	8.04	2301	-39	3.60	313.05	38.74
1-9-P	87	100	8.04	8.04	2858	-5	4.48	388.90	48.13
1-10-P	87	100	8.04	8.04	2938	-48	4.60	399.74	49.47
1-11-P	87	100	8.04	8.04	2400	-273	3.76	326.63	40.42
1-12-P	87	100	8.04	8.04	1690	-1721	2.69	229.95	234.13
1-13-P	87	100	8.04	8.04	964	-4392	6.88	153.09	597.61
1-14-P	87	100	8.04	8.04	27	-8011	12.54	134.91	1090.09
1-15-P	87	100	8.04	8.04	196	-5768	9.03	97.14	784.87
1-16-P	87	100	8.04	8.04	1198	-2814	4.41	163.05	382.94
1-17-P	87	100	8.04	8.04	1876	-322	3.67	319.07	43.76
1-18-P	87	100	8.04	8.04	2418	-38	3.79	329.04	40.72
1-19-P	87	100	8.04	8.04	2688	-1	4.21	365.72	45.26
1-20-P	87	100	8.04	8.04	2554	-43	4.00	347.60	43.02
1-21-P	87	100	8.04	8.04	1969	-284	3.08	267.98	38.64
1-22-P	87	100	8.04	8.04	1284	-2317	3.63	174.73	315.25
1-23-P	87	100	8.04	8.04	279	-5005	7.84	84.28	681.03
1-24-P	87	100	8.04	8.04	7	-9267	15.24	163.86	1324.01
1-25-P	87	100	8.04	8.04	279	-5005	7.84	84.28	681.03
1-26-P	87	100	8.04	8.04	1284	-2317	3.63	174.73	315.25
1-27-P	87	100	8.04	8.04	1969	-284	3.08	267.98	38.64
1-28-P	87	100	8.04	8.04	2554	-43	4.00	347.60	43.02
1-29-P	87	100	8.04	8.04	2688	-1	4.21	365.72	45.26
1-30-P	87	100	8.04	8.04	2418	-38	3.79	329.04	40.72
1-31-P	87	100	8.04	8.04	1876	-322	3.67	319.07	43.76
1-32-P	87	100	8.04	8.04	1198	-2814	4.41	163.05	382.94
1-33-P	87	100	8.04	8.04	196	-5768	9.03	97.14	784.87
1-34-P	87	100	8.04	8.04	27	-8011	12.54	134.91	1090.09
1-35-P	87	100	8.04	8.04	964	-4392	6.88	153.09	597.61
1-36-P	87	100	8.04	8.04	1690	-1721	2.69	229.95	234.13
1-37-P	87	100	8.04	8.04	2400	-273	3.76	326.63	40.42
1-38-P	87	100	8.04	8.04	2938	-48	4.60	399.74	49.47
1-39-P	87	100	8.04	8.04	2858	-5	4.48	388.90	48.13
1-40-P	87	100	8.04	8.04	2301	-39	3.60	313.05	38.74

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-41-P	87	100	8.04	8.04	1454	-714	2.85	247.31	97.15
1-42-P	87	100	8.04	8.04	1265	-3869	6.06	277.99	526.49
1-43-P	87	100	8.04	8.04	85	-7250	11.35	122.09	986.51
1-44-P	87	100	8.04	8.04	109	-7859	12.31	132.36	1069.46
1-45-P	87	100	8.04	8.04	935	-4662	7.30	242.93	634.39
1-46-P	87	100	8.04	8.04	329	-1016	1.59	112.04	138.30
1-47-P	87	100	8.04	8.04	442	-130	0.69	60.19	17.63
2-1-P	87	100	8.04	8.04	299	-246	0.47	40.64	33.52
2-2-P	87	100	8.04	8.04	204	-884	1.73	46.17	150.29
2-3-P	87	100	8.04	8.04	172	-1540	2.41	39.01	209.49
2-4-P	87	100	8.04	8.04	152	-2642	4.83	54.30	419.37
2-5-P	87	100	8.04	8.04	213	-2408	4.66	76.26	404.77
2-6-P	87	100	8.04	8.04	406	-997	2.60	138.25	226.01
2-7-P	87	100	8.04	8.04	905	-279	2.36	205.31	94.79
2-8-P	87	100	8.04	8.04	1711	-2	2.68	232.84	28.82
2-9-P	87	100	8.04	8.04	2391	-6	3.74	325.28	40.26
2-10-P	87	100	8.04	8.04	2403	-10	3.76	327.03	40.47
2-11-P	87	100	8.04	8.04	1567	-137	2.45	213.16	46.66
2-12-P	87	100	8.04	8.04	871	-538	1.71	148.18	121.96
2-13-P	87	100	8.04	8.04	387	-1301	3.40	131.80	295.15
2-14-P	87	100	8.04	8.04	265	-2845	5.85	108.25	508.19
2-15-P	87	100	8.04	8.04	302	-2046	4.49	107.93	389.74
2-16-P	87	100	8.04	8.04	482	-827	2.16	164.00	187.46
2-17-P	87	100	8.04	8.04	949	-201	1.86	161.38	68.53
2-18-P	87	100	8.04	8.04	1709	-2	2.68	232.54	28.78
2-19-P	87	100	8.04	8.04	2091	-1	3.27	284.51	35.21
2-20-P	87	100	8.04	8.04	1886	-6	2.95	256.69	31.77
2-21-P	87	100	8.04	8.04	1034	-161	2.02	175.89	54.84
2-22-P	87	100	8.04	8.04	532	-772	2.02	120.63	175.16
2-23-P	87	100	8.04	8.04	274	-1848	4.05	97.88	352.03
2-24-P	87	100	8.04	8.04	178	-3382	6.95	84.92	604.02
2-25-P	87	100	8.04	8.04	274	-1848	4.05	97.88	352.03
2-26-P	87	100	8.04	8.04	532	-772	2.02	120.63	175.16
2-27-P	87	100	8.04	8.04	1034	-161	2.02	175.89	54.84
2-28-P	87	100	8.04	8.04	1886	-6	2.95	256.69	31.77
2-29-P	87	100	8.04	8.04	2091	-1	3.27	284.51	35.21
2-30-P	87	100	8.04	8.04	1709	-2	2.68	232.54	28.78
2-31-P	87	100	8.04	8.04	949	-201	1.86	161.38	68.53
2-32-P	87	100	8.04	8.04	482	-827	2.16	164.00	187.46
2-33-P	87	100	8.04	8.04	302	-2046	4.49	107.93	389.74
2-34-P	87	100	8.04	8.04	265	-2845	5.85	108.25	508.19
2-35-P	87	100	8.04	8.04	387	-1301	3.40	131.80	295.15
2-36-P	87	100	8.04	8.04	871	-538	1.71	148.18	121.96
2-37-P	87	100	8.04	8.04	1567	-137	2.45	213.16	46.66
2-38-P	87	100	8.04	8.04	2403	-10	3.76	327.03	40.47
2-39-P	87	100	8.04	8.04	2391	-6	3.74	325.28	40.26
2-40-P	87	100	8.04	8.04	1711	-2	2.68	232.84	28.82
2-41-P	87	100	8.04	8.04	905	-279	2.36	205.31	94.79
2-42-P	87	100	8.04	8.04	406	-997	2.60	138.25	226.01
2-43-P	87	100	8.04	8.04	213	-2408	4.66	76.26	404.77
2-44-P	87	100	8.04	8.04	152	-2642	4.83	54.30	419.37
2-45-P	87	100	8.04	8.04	172	-1540	2.41	39.01	209.49
2-46-P	87	100	8.04	8.04	204	-884	1.73	46.17	150.29
2-47-P	87	100	8.04	8.04	299	-246	0.47	40.64	33.52

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
3-1-P	87	100	8.04	8.04	1641	-41	2.57	223.33	27.64
3-2-P	87	100	8.04	8.04	2385	0	3.73	324.48	40.16
3-3-P	87	100	8.04	8.04	3311	0	5.18	450.52	55.76
3-4-P	87	100	8.04	8.04	4046	0	6.34	550.61	68.14
3-5-P	87	100	8.04	8.04	4555	0	7.13	619.83	76.71
3-6-P	87	100	8.04	8.04	4938	0	7.73	671.90	83.15
3-7-P	87	100	8.04	8.04	5235	0	8.20	712.31	88.15
3-8-P	87	100	8.04	8.04	5420	0	8.49	737.48	91.27
3-9-P	87	100	8.04	8.04	5498	0	8.61	748.08	92.58
3-10-P	87	100	8.04	8.04	5448	0	8.53	741.32	91.74
3-11-P	87	100	8.04	8.04	5238	0	8.20	712.72	88.21
3-12-P	87	100	8.04	8.04	4995	0	7.82	679.70	84.12
3-13-P	87	100	8.04	8.04	4752	0	7.44	646.56	80.02
3-14-P	87	100	8.04	8.04	4603	0	7.21	626.31	77.51
3-15-P	87	100	8.04	8.04	4605	0	7.21	626.61	77.55
3-16-P	87	100	8.04	8.04	4696	0	7.35	638.96	79.08
3-17-P	87	100	8.04	8.04	4859	0	7.61	661.17	81.83
3-18-P	87	100	8.04	8.04	4985	0	7.81	678.36	83.95
3-19-P	87	100	8.04	8.04	5024	0	7.87	683.66	84.61
3-20-P	87	100	8.04	8.04	4973	0	7.79	676.73	83.75
3-21-P	87	100	8.04	8.04	4801	0	7.52	653.32	80.85
3-22-P	87	100	8.04	8.04	4598	0	7.20	625.69	77.43
3-23-P	87	100	8.04	8.04	4432	0	6.94	603.08	74.64
3-24-P	87	100	8.04	8.04	4335	0	6.79	589.84	73.00
3-25-P	87	100	8.04	8.04	4432	0	6.94	603.08	74.64
3-26-P	87	100	8.04	8.04	4598	0	7.20	625.69	77.43
3-27-P	87	100	8.04	8.04	4801	0	7.52	653.32	80.85
3-28-P	87	100	8.04	8.04	4973	0	7.79	676.73	83.75
3-29-P	87	100	8.04	8.04	5024	0	7.87	683.66	84.61
3-30-P	87	100	8.04	8.04	4985	0	7.81	678.36	83.95
3-31-P	87	100	8.04	8.04	4859	0	7.61	661.17	81.83
3-32-P	87	100	8.04	8.04	4696	0	7.35	638.96	79.08
3-33-P	87	100	8.04	8.04	4605	0	7.21	626.61	77.55
3-34-P	87	100	8.04	8.04	4603	0	7.21	626.31	77.51
3-35-P	87	100	8.04	8.04	4752	0	7.44	646.56	80.02
3-36-P	87	100	8.04	8.04	4995	0	7.82	679.70	84.12
3-37-P	87	100	8.04	8.04	5238	0	8.20	712.72	88.21
3-38-P	87	100	8.04	8.04	5448	0	8.53	741.32	91.74
3-39-P	87	100	8.04	8.04	5498	0	8.61	748.08	92.58
3-40-P	87	100	8.04	8.04	5420	0	8.49	737.48	91.27
3-41-P	87	100	8.04	8.04	5235	0	8.20	712.31	88.15
3-42-P	87	100	8.04	8.04	4938	0	7.73	671.90	83.15
3-43-P	87	100	8.04	8.04	4555	0	7.13	619.83	76.71
3-44-P	87	100	8.04	8.04	4046	0	6.34	550.61	68.14
3-45-P	87	100	8.04	8.04	3311	0	5.18	450.52	55.76
3-46-P	87	100	8.04	8.04	2385	0	3.73	324.48	40.16
3-47-P	87	100	8.04	8.04	1641	-41	2.57	223.33	27.64
5-1-P	10	100	4.02	4.02	1	-1	0.01	0.28	0.24
5-2-P	10	100	4.02	4.02	0	-1	0.01	0.12	0.26
5-3-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.36
5-4-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-5-P	10	100	4.02	4.02	0	-1	0.01	0.09	0.31
5-6-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-7-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-8-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-9-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-10-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-11-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-12-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-13-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-14-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-15-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-16-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-17-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-18-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-19-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-20-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-21-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-22-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-23-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-24-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-25-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-26-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-27-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-28-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-29-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-30-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-31-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-32-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-33-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-34-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-35-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-36-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-37-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-38-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-39-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-40-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-41-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-42-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-43-P	10	100	4.02	4.02	0	-1	0.01	0.09	0.31
5-44-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.33
5-45-P	10	100	4.02	4.02	0	-1	0.01	0.10	0.36
5-46-P	10	100	4.02	4.02	0	-1	0.01	0.12	0.26
5-47-P	10	100	4.02	4.02	1	-1	0.01	0.28	0.24
6-1-S	94	100	31.42	12.57	2187	-1690	3.09	131.59	147.16
6-2-S	94	100	31.42	12.57	5301	-3478	5.90	251.19	302.86
6-3-S	94	100	31.42	12.57	298	-9569	10.09	110.28	833.23
6-4-S	94	100	31.42	12.57	82	-14519	15.30	167.33	1264.31
6-5-S	94	100	31.42	12.57	0	-13674	14.41	157.58	1190.68
6-6-S	94	100	31.42	12.57	23	-6025	6.35	69.44	524.65
6-7-S	94	100	31.42	12.57	1326	-686	1.41	59.85	59.72
6-8-S	94	100	31.42	12.57	6935	0	5.88	250.36	74.16
6-9-S	94	100	31.42	12.57	12841	0	10.90	463.55	137.31
6-10-S	94	100	31.42	12.57	18313	0	15.54	661.12	195.83
6-11-S	94	100	31.42	12.57	24019	0	20.38	867.11	256.85
6-12-S	94	100	31.42	12.57	30099	0	25.54	1086.60	321.86
6-13-S	94	100	31.42	12.57	0	-76	0.08	0.87	6.59
6-14-S	94	100	31.42	12.57	2	-1	0.00	0.06	0.08

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
7-1-S	94	100	31.42	12.57	826	-1694	1.79	29.84	147.55
7-2-S	94	100	31.42	12.57	1656	-3659	3.86	73.87	318.62
7-3-S	94	100	31.42	12.57	371	-7146	7.53	82.35	622.23
7-4-S	94	100	31.42	12.57	131	-8585	9.05	98.94	747.59
7-5-S	94	100	31.42	12.57	2	-7316	7.71	84.32	637.10
7-6-S	94	100	31.42	12.57	150	-2751	3.63	39.63	299.47
7-7-S	94	100	31.42	12.57	2524	-61	2.14	91.12	26.99
7-8-S	94	100	31.42	12.57	7666	0	6.50	276.74	81.97
7-9-S	94	100	31.42	12.57	12894	0	10.94	465.47	137.88
7-10-S	94	100	31.42	12.57	18023	0	15.29	650.66	192.73
7-11-S	94	100	31.42	12.57	23095	0	19.60	833.76	246.97
7-12-S	94	100	31.42	12.57	28112	0	23.85	1014.84	300.61
7-13-S	94	100	31.42	12.57	0	-75	0.08	0.86	6.52
7-14-S	94	100	31.42	12.57	0	0	0.00	0.00	0.00
8-1-S	94	100	28.27	12.57	388	-1230	2.21	24.28	178.69
8-2-S	94	100	28.27	12.57	258	-2559	2.75	30.30	223.02
8-3-S	94	100	28.27	12.57	301	-3716	4.00	44.00	323.88
8-4-S	94	100	28.27	12.57	171	-3621	3.90	42.87	315.55
8-5-S	94	100	28.27	12.57	64	-2561	2.76	30.32	223.17
8-6-S	94	100	28.27	12.57	658	-527	1.42	26.28	114.88
8-7-S	94	100	28.27	12.57	3849	0	3.39	153.77	42.38
8-8-S	94	100	28.27	12.57	8049	0	7.10	321.58	88.62
8-9-S	94	100	28.27	12.57	12621	0	11.13	504.22	138.96
8-10-S	94	100	28.27	12.57	17263	0	15.22	689.67	190.07
8-11-S	94	100	28.27	12.57	21819	0	19.24	871.73	240.24
8-12-S	94	100	28.27	12.57	26261	0	23.16	1049.16	289.14
8-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
8-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
9-1-S	94	100	28.27	15.71	2944	-1383	2.54	117.35	96.88
9-2-S	94	100	28.27	15.71	6994	-3596	10.07	464.63	251.95
9-3-S	94	100	28.27	15.71	548	-11001	10.88	124.27	770.68
9-4-S	94	100	28.27	15.71	238	-17154	16.96	193.79	1201.80
9-5-S	94	100	28.27	15.71	0	-15980	15.80	180.52	1119.50
9-6-S	94	100	28.27	15.71	0	-6861	6.79	77.51	480.70
9-7-S	94	100	28.27	15.71	659	-384	0.71	32.86	33.60
9-8-S	94	100	28.27	15.71	6457	0	5.58	257.40	69.47
9-9-S	94	100	28.27	15.71	11778	0	10.18	469.49	126.71
9-10-S	94	100	28.27	15.71	16580	0	14.32	660.90	178.37
9-11-S	94	100	28.27	15.71	21198	0	18.31	844.98	228.05
9-12-S	94	100	28.27	15.71	25663	0	22.17	1022.98	276.09
9-13-S	94	100	28.27	15.71	0	-75	0.07	0.85	5.24
9-14-S	94	100	28.27	15.71	0	0	0.00	0.00	0.00
10-1-S	94	100	28.27	12.57	316	-847	2.28	25.07	184.51
10-2-S	94	100	28.27	12.57	166	-1904	2.05	22.55	165.97
10-3-S	94	100	28.27	12.57	117	-2957	3.18	35.01	257.71
10-4-S	94	100	28.27	12.57	35	-3010	3.24	35.64	262.30
10-5-S	94	100	28.27	12.57	5	-2175	2.34	25.76	189.59
10-6-S	94	100	28.27	12.57	472	-228	1.23	18.87	99.28
10-7-S	94	100	28.27	12.57	3693	0	3.26	147.55	40.66
10-8-S	94	100	28.27	12.57	7611	0	6.71	304.08	83.80
10-9-S	94	100	28.27	12.57	11906	0	10.50	475.66	131.09
10-10-S	94	100	28.27	12.57	16278	0	14.35	650.33	179.23
10-11-S	94	100	28.27	12.57	20572	0	18.14	821.89	226.51
10-12-S	94	100	28.27	12.57	24756	0	21.83	989.07	272.58

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
10-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
10-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
11-1-S	94	100	28.27	12.57	1561	-1688	1.82	62.37	147.08
11-2-S	94	100	28.27	12.57	3501	-3333	3.59	139.88	290.51
11-3-S	94	100	28.27	12.57	449	-7931	8.54	93.92	691.26
11-4-S	94	100	28.27	12.57	187	-10954	11.79	129.71	954.69
11-5-S	94	100	28.27	12.57	6	-9828	10.58	116.38	856.54
11-6-S	94	100	28.27	12.57	63	-3932	4.23	46.56	342.69
11-7-S	94	100	28.27	12.57	1791	-256	1.97	89.44	55.77
11-8-S	94	100	28.27	12.57	6658	0	5.87	265.99	73.31
11-9-S	94	100	28.27	12.57	11500	0	10.14	459.46	126.62
11-10-S	94	100	28.27	12.57	16068	0	14.17	641.94	176.91
11-11-S	94	100	28.27	12.57	20501	0	18.08	819.07	225.73
11-12-S	94	100	28.27	12.57	24809	0	21.88	991.17	273.16
11-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
11-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
12-1-S	94	100	28.27	12.57	1561	-1688	1.82	62.37	147.08
12-2-S	94	100	28.27	12.57	3501	-3333	3.59	139.88	290.51
12-3-S	94	100	28.27	12.57	449	-7931	8.54	93.92	691.26
12-4-S	94	100	28.27	12.57	187	-10954	11.79	129.71	954.69
12-5-S	94	100	28.27	12.57	6	-9828	10.58	116.38	856.54
12-6-S	94	100	28.27	12.57	63	-3932	4.23	46.56	342.69
12-7-S	94	100	28.27	12.57	1791	-256	1.97	89.44	55.77
12-8-S	94	100	28.27	12.57	6658	0	5.87	265.99	73.31
12-9-S	94	100	28.27	12.57	11500	0	10.14	459.46	126.62
12-10-S	94	100	28.27	12.57	16068	0	14.17	641.94	176.91
12-11-S	94	100	28.27	12.57	20501	0	18.08	819.07	225.73
12-12-S	94	100	28.27	12.57	24809	0	21.88	991.17	273.16
12-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
12-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
13-1-S	94	100	28.27	12.57	316	-847	2.28	25.07	184.51
13-2-S	94	100	28.27	12.57	166	-1904	2.05	22.55	165.97
13-3-S	94	100	28.27	12.57	117	-2957	3.18	35.01	257.71
13-4-S	94	100	28.27	12.57	35	-3010	3.24	35.64	262.30
13-5-S	94	100	28.27	12.57	5	-2175	2.34	25.76	189.59
13-6-S	94	100	28.27	12.57	472	-228	1.23	18.87	99.28
13-7-S	94	100	28.27	12.57	3693	0	3.26	147.55	40.66
13-8-S	94	100	28.27	12.57	7611	0	6.71	304.08	83.80
13-9-S	94	100	28.27	12.57	11906	0	10.50	475.66	131.09
13-10-S	94	100	28.27	12.57	16278	0	14.35	650.33	179.23
13-11-S	94	100	28.27	12.57	20572	0	18.14	821.89	226.51
13-12-S	94	100	28.27	12.57	24756	0	21.83	989.07	272.58
13-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
13-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
14-1-S	94	100	28.27	15.71	2944	-1383	2.54	117.35	96.88
14-2-S	94	100	28.27	15.71	6994	-3596	10.07	464.63	251.95
14-3-S	94	100	28.27	15.71	548	-11001	10.88	124.27	770.68
14-4-S	94	100	28.27	15.71	238	-17154	16.96	193.79	1201.80
14-5-S	94	100	28.27	15.71	0	-15980	15.80	180.52	1119.50
14-6-S	94	100	28.27	15.71	0	-6861	6.79	77.51	480.70
14-7-S	94	100	28.27	15.71	659	-384	0.71	32.86	33.60
14-8-S	94	100	28.27	15.71	6457	0	5.58	257.40	69.47
14-9-S	94	100	28.27	15.71	11778	0	10.18	469.49	126.71
14-10-S	94	100	28.27	15.71	16580	0	14.32	660.90	178.37

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
14-11-S	94	100	28.27	15.71	21198	0	18.31	844.98	228.05
14-12-S	94	100	28.27	15.71	25663	0	22.17	1022.98	276.09
14-13-S	94	100	28.27	15.71	0	-75	0.07	0.85	5.24
14-14-S	94	100	28.27	15.71	0	0	0.00	0.00	0.00
15-1-S	94	100	28.27	12.57	388	-1230	2.21	24.28	178.69
15-2-S	94	100	28.27	12.57	258	-2559	2.75	30.30	223.02
15-3-S	94	100	28.27	12.57	301	-3716	4.00	44.00	323.88
15-4-S	94	100	28.27	12.57	171	-3621	3.90	42.87	315.55
15-5-S	94	100	28.27	12.57	64	-2561	2.76	30.32	223.17
15-6-S	94	100	28.27	12.57	658	-527	1.42	26.28	114.88
15-7-S	94	100	28.27	12.57	3849	0	3.39	153.77	42.38
15-8-S	94	100	28.27	12.57	8049	0	7.10	321.58	88.62
15-9-S	94	100	28.27	12.57	12621	0	11.13	504.22	138.96
15-10-S	94	100	28.27	12.57	17263	0	15.22	689.67	190.07
15-11-S	94	100	28.27	12.57	21819	0	19.24	871.73	240.24
15-12-S	94	100	28.27	12.57	26261	0	23.16	1049.16	289.14
15-13-S	94	100	28.27	12.57	0	-75	0.08	0.89	6.52
15-14-S	94	100	28.27	12.57	0	0	0.00	0.00	0.00
16-1-S	94	100	31.42	12.57	826	-1694	1.79	29.84	147.55
16-2-S	94	100	31.42	12.57	1656	-3659	3.86	73.87	318.62
16-3-S	94	100	31.42	12.57	371	-7146	7.53	82.35	622.23
16-4-S	94	100	31.42	12.57	131	-8585	9.05	98.94	747.59
16-5-S	94	100	31.42	12.57	2	-7316	7.71	84.32	637.10
16-6-S	94	100	31.42	12.57	150	-2751	3.63	39.63	299.47
16-7-S	94	100	31.42	12.57	2524	-61	2.14	91.12	26.99
16-8-S	94	100	31.42	12.57	7666	0	6.50	276.74	81.97
16-9-S	94	100	31.42	12.57	12894	0	10.94	465.47	137.88
16-10-S	94	100	31.42	12.57	18023	0	15.29	650.66	192.73
16-11-S	94	100	31.42	12.57	23095	0	19.60	833.76	246.97
16-12-S	94	100	31.42	12.57	28112	0	23.85	1014.84	300.61
16-13-S	94	100	31.42	12.57	0	-75	0.08	0.86	6.52
16-14-S	94	100	31.42	12.57	0	0	0.00	0.00	0.00
17-1-S	94	100	31.42	12.57	2187	-1690	3.09	131.59	147.16
17-2-S	94	100	31.42	12.57	5301	-3478	5.90	251.19	302.86
17-3-S	94	100	31.42	12.57	298	-9569	10.09	110.28	833.23
17-4-S	94	100	31.42	12.57	82	-14519	15.30	167.33	1264.31
17-5-S	94	100	31.42	12.57	0	-13674	14.41	157.58	1190.68
17-6-S	94	100	31.42	12.57	23	-6025	6.35	69.44	524.65
17-7-S	94	100	31.42	12.57	1326	-686	1.41	59.85	59.72
17-8-S	94	100	31.42	12.57	6935	0	5.88	250.36	74.16
17-9-S	94	100	31.42	12.57	12841	0	10.90	463.55	137.31
17-10-S	94	100	31.42	12.57	18313	0	15.54	661.12	195.83
17-11-S	94	100	31.42	12.57	24019	0	20.38	867.11	256.85
17-12-S	94	100	31.42	12.57	30099	0	25.54	1086.60	321.86
17-13-S	94	100	31.42	12.57	0	-76	0.08	0.87	6.59
17-14-S	94	100	31.42	12.57	2	-1	0.00	0.06	0.08

Pali in c.a.

Combinazione n° 12 - SLEQ

Y	A_f	σ_c	σ_f	τ_c	σ_{stf}
[m]	*[cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
0.00	169.65	73.92	1444.71		
0.00	169.65	78.16	1025.60		

Verifica a fessurazione

Simbologia adottata
n° indice sezione
Y ordinata sezione espressa in [m]
B larghezza sezione espresso in [cm]
H altezza sezione espressa in [cm]
Af area ferri zona tesa espresso in [cmq]
Aeff area efficace espressa in [cmq]
M momento agente espressa in [kgm]
Mpf momento di prima fessurazione espressa in [kgm]
ε deformazione espresso in %
Sm spaziatura tra le fessure espressa in [mm]
w apertura delle fessure espressa in [mm]

Combinazioni SLEF
Paramento

Combinazione n° 11 - SLEF

Apertura limite fessure w_{lim}=0.40

n°	Y	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[m]	*[cm]*	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[%]*	*[mm]*	*[mm]*
1	0.00	100	40	0.00	0.00	0	0	0.000000	0.00	0.000
2	-0.35	100	42	0.00	0.00	-2	-829	0.000000	0.00	0.000
3	-0.70	100	44	0.00	0.00	-8	-1843	0.000000	0.00	0.000
4	-1.04	100	46	0.00	0.00	-18	-3058	0.000000	0.00	0.000
5	-1.39	100	49	0.00	0.00	-32	-4492	0.000000	0.00	0.000
6	-1.74	100	51	0.00	0.00	-50	-6161	0.000000	0.00	0.000
7	-2.09	100	53	0.00	0.00	-74	-8084	0.000000	0.00	0.000
8	-2.43	100	55	0.00	0.00	-101	-10150	0.000000	0.00	0.000

n°	Y	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
9	-2.78	100	57	0.00	0.00	-119	-10485	0.000000	0.00	0.000
10	-3.13	100	59	0.00	0.00	-99	-6742	0.000000	0.00	0.000
11	-3.48	100	61	0.00	0.00	-8	-398	0.000000	0.00	0.000
12	-3.82	100	63	0.00	0.00	184	11891	0.000000	0.00	0.000
13	-4.17	100	66	0.00	0.00	510	98609	0.000000	0.00	0.000
14	-4.52	100	68	12.57	587.58	1001	102966	0.000000	0.00	0.000
15	-4.87	100	70	12.57	1476.78	1689	57376	0.000000	0.00	0.000
16	-5.21	100	72	12.57	2073.04	2605	48148	0.000000	0.00	0.000
17	-5.56	100	74	12.57	2429.89	3781	45123	0.000000	0.00	0.000
18	-5.91	100	76	12.57	2671.34	5249	44285	0.000000	0.00	0.000
19	-6.26	100	78	12.57	2857.20	7039	44487	0.000000	0.00	0.000
20	-6.60	100	80	12.57	3012.82	9167	45286	0.000000	0.00	0.000
21	-6.95	100	83	18.85	2967.66	11638	48066	0.000000	0.00	0.000
22	-7.30	100	85	18.85	3094.25	14460	49537	0.000000	0.00	0.000

Piastra fondazione

Combinazione n° 11 - SLEF

Apertura limite fessure w_{lim}=0.40

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-1-P	87	100	8.04	2426.63	489	49333	0.000000	0.00	0.000
1-2-P	87	100	8.04	2426.63	-1134	49333	0.000000	0.00	0.000
1-3-P	87	100	8.04	2426.63	-5179	49333	0.000000	0.00	0.000
1-4-P	87	100	8.04	2426.63	-8812	49333	0.000000	0.00	0.000
1-5-P	87	100	8.04	2426.63	-8125	49333	0.000000	0.00	0.000
1-6-P	87	100	8.04	2426.63	-4263	49333	0.000000	0.00	0.000
1-7-P	87	100	8.04	2426.63	1590	49333	0.000000	0.00	0.000
1-8-P	87	100	8.04	2426.63	2589	49333	0.000000	0.00	0.000
1-9-P	87	100	8.04	2426.63	3234	49333	0.000000	0.00	0.000
1-10-P	87	100	8.04	2426.63	3328	49333	0.000000	0.00	0.000
1-11-P	87	100	8.04	2426.63	2714	49333	0.000000	0.00	0.000
1-12-P	87	100	8.04	2426.63	1889	49333	0.000000	0.00	0.000
1-13-P	87	100	8.04	2426.63	-4823	49333	0.000000	0.00	0.000
1-14-P	87	100	8.04	2426.63	-8934	49333	0.000000	0.00	0.000
1-15-P	87	100	8.04	2426.63	-6391	49333	0.000000	0.00	0.000
1-16-P	87	100	8.04	2426.63	-3059	49333	0.000000	0.00	0.000
1-17-P	87	100	8.04	2426.63	2110	49333	0.000000	0.00	0.000
1-18-P	87	100	8.04	2426.63	2771	49333	0.000000	0.00	0.000
1-19-P	87	100	8.04	2426.63	3084	49333	0.000000	0.00	0.000
1-20-P	87	100	8.04	2426.63	2929	49333	0.000000	0.00	0.000
1-21-P	87	100	8.04	2426.63	2250	49333	0.000000	0.00	0.000
1-22-P	87	100	8.04	2426.63	-2518	49333	0.000000	0.00	0.000
1-23-P	87	100	8.04	2426.63	-5515	49333	0.000000	0.00	0.000
1-24-P	87	100	0.00	0.00	-10330	0	0.000000	0.00	0.000
1-25-P	87	100	8.04	2426.63	-5515	49333	0.000000	0.00	0.000
1-26-P	87	100	8.04	2426.63	-2518	49333	0.000000	0.00	0.000
1-27-P	87	100	8.04	2426.63	2250	49333	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-28-P	87	100	8.04	2426.63	2929	49333	0.000000	0.00	0.000
1-29-P	87	100	8.04	2426.63	3084	49333	0.000000	0.00	0.000
1-30-P	87	100	8.04	2426.63	2771	49333	0.000000	0.00	0.000
1-31-P	87	100	8.04	2426.63	2110	49333	0.000000	0.00	0.000
1-32-P	87	100	8.04	2426.63	-3059	49333	0.000000	0.00	0.000
1-33-P	87	100	8.04	2426.63	-6391	49333	0.000000	0.00	0.000
1-34-P	87	100	8.04	2426.63	-8934	49333	0.000000	0.00	0.000
1-35-P	87	100	8.04	2426.63	-4823	49333	0.000000	0.00	0.000
1-36-P	87	100	8.04	2426.63	1889	49333	0.000000	0.00	0.000
1-37-P	87	100	8.04	2426.63	2714	49333	0.000000	0.00	0.000
1-38-P	87	100	8.04	2426.63	3328	49333	0.000000	0.00	0.000
1-39-P	87	100	8.04	2426.63	3234	49333	0.000000	0.00	0.000
1-40-P	87	100	8.04	2426.63	2589	49333	0.000000	0.00	0.000
1-41-P	87	100	8.04	2426.63	1590	49333	0.000000	0.00	0.000
1-42-P	87	100	8.04	2426.63	-4263	49333	0.000000	0.00	0.000
1-43-P	87	100	8.04	2426.63	-8125	49333	0.000000	0.00	0.000
1-44-P	87	100	8.04	2426.63	-8812	49333	0.000000	0.00	0.000
1-45-P	87	100	8.04	2426.63	-5179	49333	0.000000	0.00	0.000
1-46-P	87	100	8.04	2426.63	-1134	49333	0.000000	0.00	0.000
1-47-P	87	100	8.04	2426.63	489	49333	0.000000	0.00	0.000
2-1-P	87	100	8.04	2426.67	326	49334	0.000000	0.00	0.000
2-2-P	87	100	8.04	2426.67	-969	49334	0.000000	0.00	0.000
2-3-P	87	100	8.04	2426.67	-1714	49334	0.000000	0.00	0.000
2-4-P	87	100	8.04	2426.67	-2886	49334	0.000000	0.00	0.000
2-5-P	87	100	8.04	2426.67	-2615	49334	0.000000	0.00	0.000
2-6-P	87	100	8.04	2426.67	-1062	49334	0.000000	0.00	0.000
2-7-P	87	100	8.04	2426.67	1105	49334	0.000000	0.00	0.000
2-8-P	87	100	8.04	2426.67	2062	49334	0.000000	0.00	0.000
2-9-P	87	100	8.04	2426.67	2830	49334	0.000000	0.00	0.000
2-10-P	87	100	8.04	2426.67	2853	49334	0.000000	0.00	0.000
2-11-P	87	100	8.04	2426.67	1915	49334	0.000000	0.00	0.000
2-12-P	87	100	8.04	2426.67	1094	49334	0.000000	0.00	0.000
2-13-P	87	100	8.04	2426.67	-1386	49334	0.000000	0.00	0.000
2-14-P	87	100	8.04	2426.67	-3021	49334	0.000000	0.00	0.000
2-15-P	87	100	8.04	2426.67	-2150	49334	0.000000	0.00	0.000
2-16-P	87	100	8.04	2426.67	-847	49334	0.000000	0.00	0.000
2-17-P	87	100	8.04	2426.67	1222	49334	0.000000	0.00	0.000
2-18-P	87	100	8.04	2426.67	2107	49334	0.000000	0.00	0.000
2-19-P	87	100	8.04	2426.67	2532	49334	0.000000	0.00	0.000
2-20-P	87	100	8.04	2426.67	2304	49334	0.000000	0.00	0.000
2-21-P	87	100	8.04	2426.67	1320	49334	0.000000	0.00	0.000
2-22-P	87	100	8.04	2426.67	-777	49334	0.000000	0.00	0.000
2-23-P	87	100	8.04	2426.67	-1930	49334	0.000000	0.00	0.000
2-24-P	87	100	8.04	2426.67	-3598	49334	0.000000	0.00	0.000
2-25-P	87	100	8.04	2426.67	-1930	49334	0.000000	0.00	0.000
2-26-P	87	100	8.04	2426.67	-777	49334	0.000000	0.00	0.000
2-27-P	87	100	8.04	2426.67	1320	49334	0.000000	0.00	0.000
2-28-P	87	100	8.04	2426.67	2304	49334	0.000000	0.00	0.000
2-29-P	87	100	8.04	2426.67	2532	49334	0.000000	0.00	0.000
2-30-P	87	100	8.04	2426.67	2107	49334	0.000000	0.00	0.000
2-31-P	87	100	8.04	2426.67	1222	49334	0.000000	0.00	0.000
2-32-P	87	100	8.04	2426.67	-847	49334	0.000000	0.00	0.000
2-33-P	87	100	8.04	2426.67	-2150	49334	0.000000	0.00	0.000
2-34-P	87	100	8.04	2426.67	-3021	49334	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
2-35-P	87	100	8.04	2426.67	-1386	49334	0.000000	0.00	0.000
2-36-P	87	100	8.04	2426.67	1094	49334	0.000000	0.00	0.000
2-37-P	87	100	8.04	2426.67	1915	49334	0.000000	0.00	0.000
2-38-P	87	100	8.04	2426.67	2853	49334	0.000000	0.00	0.000
2-39-P	87	100	8.04	2426.67	2830	49334	0.000000	0.00	0.000
2-40-P	87	100	8.04	2426.67	2062	49334	0.000000	0.00	0.000
2-41-P	87	100	8.04	2426.67	1105	49334	0.000000	0.00	0.000
2-42-P	87	100	8.04	2426.67	-1062	49334	0.000000	0.00	0.000
2-43-P	87	100	8.04	2426.67	-2615	49334	0.000000	0.00	0.000
2-44-P	87	100	8.04	2426.67	-2886	49334	0.000000	0.00	0.000
2-45-P	87	100	8.04	2426.67	-1714	49334	0.000000	0.00	0.000
2-46-P	87	100	8.04	2426.67	-969	49334	0.000000	0.00	0.000
2-47-P	87	100	8.04	2426.67	326	49334	0.000000	0.00	0.000
3-1-P	87	100	8.04	2426.67	1910	49334	0.000000	0.00	0.000
3-2-P	87	100	8.04	2426.67	2778	49334	0.000000	0.00	0.000
3-3-P	87	100	8.04	2426.67	3870	49334	0.000000	0.00	0.000
3-4-P	87	100	8.04	2426.67	4741	49334	0.000000	0.00	0.000
3-5-P	87	100	8.04	2426.67	5343	49334	0.000000	0.00	0.000
3-6-P	87	100	8.04	2426.67	5795	49334	0.000000	0.00	0.000
3-7-P	87	100	8.04	2426.67	6141	49334	0.000000	0.00	0.000
3-8-P	87	100	8.04	2426.67	6358	49334	0.000000	0.00	0.000
3-9-P	87	100	8.04	2426.67	6452	49334	0.000000	0.00	0.000
3-10-P	87	100	8.04	2426.67	6402	49334	0.000000	0.00	0.000
3-11-P	87	100	8.04	2426.67	6172	49334	0.000000	0.00	0.000
3-12-P	87	100	8.04	2426.67	5904	49334	0.000000	0.00	0.000
3-13-P	87	100	8.04	2426.67	5635	49334	0.000000	0.00	0.000
3-14-P	87	100	8.04	2426.67	5470	49334	0.000000	0.00	0.000
3-15-P	87	100	8.04	2426.67	5472	49334	0.000000	0.00	0.000
3-16-P	87	100	8.04	2426.67	5572	49334	0.000000	0.00	0.000
3-17-P	87	100	8.04	2426.67	5753	49334	0.000000	0.00	0.000
3-18-P	87	100	8.04	2426.67	5892	49334	0.000000	0.00	0.000
3-19-P	87	100	8.04	2426.67	5934	49334	0.000000	0.00	0.000
3-20-P	87	100	8.04	2426.67	5877	49334	0.000000	0.00	0.000
3-21-P	87	100	8.04	2426.67	5686	49334	0.000000	0.00	0.000
3-22-P	87	100	8.04	2426.67	5461	49334	0.000000	0.00	0.000
3-23-P	87	100	8.04	2426.67	5277	49334	0.000000	0.00	0.000
3-24-P	87	100	8.04	2426.67	5169	49334	0.000000	0.00	0.000
3-25-P	87	100	8.04	2426.67	5277	49334	0.000000	0.00	0.000
3-26-P	87	100	8.04	2426.67	5461	49334	0.000000	0.00	0.000
3-27-P	87	100	8.04	2426.67	5686	49334	0.000000	0.00	0.000
3-28-P	87	100	8.04	2426.67	5877	49334	0.000000	0.00	0.000
3-29-P	87	100	8.04	2426.67	5934	49334	0.000000	0.00	0.000
3-30-P	87	100	8.04	2426.67	5892	49334	0.000000	0.00	0.000
3-31-P	87	100	8.04	2426.67	5753	49334	0.000000	0.00	0.000
3-32-P	87	100	8.04	2426.67	5572	49334	0.000000	0.00	0.000
3-33-P	87	100	8.04	2426.67	5472	49334	0.000000	0.00	0.000
3-34-P	87	100	8.04	2426.67	5470	49334	0.000000	0.00	0.000
3-35-P	87	100	8.04	2426.67	5635	49334	0.000000	0.00	0.000
3-36-P	87	100	8.04	2426.67	5904	49334	0.000000	0.00	0.000
3-37-P	87	100	8.04	2426.67	6172	49334	0.000000	0.00	0.000
3-38-P	87	100	8.04	2426.67	6402	49334	0.000000	0.00	0.000
3-39-P	87	100	8.04	2426.67	6452	49334	0.000000	0.00	0.000
3-40-P	87	100	8.04	2426.67	6358	49334	0.000000	0.00	0.000
3-41-P	87	100	8.04	2426.67	6141	49334	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
3-42-P	87	100	8.04	2426.67	5795	49334	0.000000	0.00	0.000
3-43-P	87	100	8.04	2426.67	5343	49334	0.000000	0.00	0.000
3-44-P	87	100	8.04	2426.67	4741	49334	0.000000	0.00	0.000
3-45-P	87	100	8.04	2426.67	3870	49334	0.000000	0.00	0.000
3-46-P	87	100	8.04	2426.67	2778	49334	0.000000	0.00	0.000
3-47-P	87	100	8.04	2426.67	1910	49334	0.000000	0.00	0.000
5-1-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-2-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-3-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-4-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-5-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-6-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-7-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-8-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-9-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-10-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-11-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-12-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-13-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-14-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-15-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-16-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-17-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-18-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-19-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-20-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-21-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-22-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-23-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-24-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-25-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-26-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-27-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-28-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-29-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-30-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-31-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-32-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-33-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-34-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-35-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-36-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-37-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-38-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-39-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-40-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-41-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-42-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-43-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-44-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-45-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-46-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-47-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
6-1-S	94	100	31.42	3530.12	2393	60423	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
6-2-S	94	100	31.42	3530.12	5787	60423	0.000000	0.00	0.000
6-3-S	94	100	31.42	3530.12	-10468	60423	0.000000	0.00	0.000
6-4-S	94	100	31.42	3530.12	-15712	60423	0.000000	0.00	0.000
6-5-S	94	100	12.57	4013.72	-14547	-57382	0.000000	0.00	0.000
6-6-S	94	100	31.42	3530.12	-6002	60423	0.000000	0.00	0.000
6-7-S	94	100	31.42	3530.12	1985	60423	0.000000	0.00	0.000
6-8-S	94	100	31.42	3530.12	8644	60423	0.000000	0.00	0.000
6-9-S	94	100	31.42	3530.12	15338	60423	0.000000	0.00	0.000
6-10-S	94	100	31.42	3530.12	21557	60423	0.000000	0.00	0.000
6-11-S	94	100	31.42	3530.12	28063	60423	0.000000	0.00	0.000
6-12-S	94	100	31.42	3530.12	35015	60423	0.000000	0.00	0.000
6-13-S	94	100	12.57	4013.72	-76	-57382	0.000000	0.00	0.000
6-14-S	94	100	0.00	0.00	2	0	0.000000	0.00	0.000
7-1-S	94	100	31.42	3530.12	-1842	60423	0.000000	0.00	0.000
7-2-S	94	100	31.42	3530.12	-3982	60423	0.000000	0.00	0.000
7-3-S	94	100	31.42	3530.12	-7748	60423	0.000000	0.00	0.000
7-4-S	94	100	31.42	3530.12	-9186	60423	0.000000	0.00	0.000
7-5-S	94	100	31.42	3530.12	-7609	60423	0.000000	0.00	0.000
7-6-S	94	100	31.42	3530.12	-2627	60423	0.000000	0.00	0.000
7-7-S	94	100	31.42	3530.12	3548	60423	0.000000	0.00	0.000
7-8-S	94	100	31.42	3530.12	9441	60423	0.000000	0.00	0.000
7-9-S	94	100	31.42	3530.12	15404	60423	0.000000	0.00	0.000
7-10-S	94	100	31.42	3530.12	21278	60423	0.000000	0.00	0.000
7-11-S	94	100	31.42	3530.12	27107	60423	0.000000	0.00	0.000
7-12-S	94	100	31.42	3530.12	32893	60423	0.000000	0.00	0.000
7-13-S	94	100	12.57	4013.72	-75	-57382	0.000000	0.00	0.000
7-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-1-S	94	100	28.27	3584.14	-1347	59547	0.000000	0.00	0.000
8-2-S	94	100	28.27	3584.14	-2771	59547	0.000000	0.00	0.000
8-3-S	94	100	28.27	3584.14	-3963	59547	0.000000	0.00	0.000
8-4-S	94	100	28.27	3584.14	-3740	59547	0.000000	0.00	0.000
8-5-S	94	100	28.27	3584.14	-2433	59547	0.000000	0.00	0.000
8-6-S	94	100	28.27	3584.14	1152	59547	0.000000	0.00	0.000
8-7-S	94	100	28.27	3584.14	5022	59547	0.000000	0.00	0.000
8-8-S	94	100	28.27	3584.14	9849	59547	0.000000	0.00	0.000
8-9-S	94	100	28.27	3584.14	15095	59547	0.000000	0.00	0.000
8-10-S	94	100	28.27	3584.14	20434	59547	0.000000	0.00	0.000
8-11-S	94	100	28.27	3584.14	25691	59547	0.000000	0.00	0.000
8-12-S	94	100	28.27	3584.14	30833	59547	0.000000	0.00	0.000
8-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
8-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
9-1-S	94	100	28.27	3599.39	3216	59955	0.000000	0.00	0.000
9-2-S	94	100	28.27	3599.39	7631	59955	0.000000	0.00	0.000
9-3-S	94	100	28.27	3599.39	-12074	59955	0.000000	0.00	0.000
9-4-S	94	100	28.27	3599.39	-18624	59955	0.000000	0.00	0.000
9-5-S	94	100	15.71	3918.52	-17066	-57926	0.000000	0.00	0.000
9-6-S	94	100	28.27	3599.39	-6887	59955	0.000000	0.00	0.000
9-7-S	94	100	28.27	3599.39	1295	59955	0.000000	0.00	0.000
9-8-S	94	100	28.27	3599.39	8115	59955	0.000000	0.00	0.000
9-9-S	94	100	28.27	3599.39	14169	59955	0.000000	0.00	0.000
9-10-S	94	100	28.27	3599.39	19673	59955	0.000000	0.00	0.000
9-11-S	94	100	28.27	3599.39	24988	59955	0.000000	0.00	0.000
9-12-S	94	100	28.27	3599.39	30146	59955	0.000000	0.00	0.000
9-13-S	94	100	15.71	3918.52	-75	-57926	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
9-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
10-1-S	94	100	28.27	3584.14	-926	59547	0.000000	0.00	0.000
10-2-S	94	100	28.27	3584.14	-2048	59547	0.000000	0.00	0.000
10-3-S	94	100	28.27	3584.14	-3122	59547	0.000000	0.00	0.000
10-4-S	94	100	28.27	3584.14	-3058	59547	0.000000	0.00	0.000
10-5-S	94	100	28.27	3584.14	-1989	59547	0.000000	0.00	0.000
10-6-S	94	100	28.27	3584.14	994	59547	0.000000	0.00	0.000
10-7-S	94	100	28.27	3584.14	4837	59547	0.000000	0.00	0.000
10-8-S	94	100	28.27	3584.14	9348	59547	0.000000	0.00	0.000
10-9-S	94	100	28.27	3584.14	14282	59547	0.000000	0.00	0.000
10-10-S	94	100	28.27	3584.14	19316	59547	0.000000	0.00	0.000
10-11-S	94	100	28.27	3584.14	24272	59547	0.000000	0.00	0.000
10-12-S	94	100	28.27	3584.14	29116	59547	0.000000	0.00	0.000
10-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
10-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-1-S	94	100	28.27	3584.14	-1843	59547	0.000000	0.00	0.000
11-2-S	94	100	28.27	3584.14	3818	59547	0.000000	0.00	0.000
11-3-S	94	100	28.27	3584.14	-8650	59547	0.000000	0.00	0.000
11-4-S	94	100	28.27	3584.14	-11808	59547	0.000000	0.00	0.000
11-5-S	94	100	28.27	3584.14	-10358	59547	0.000000	0.00	0.000
11-6-S	94	100	28.27	3584.14	-3840	59547	0.000000	0.00	0.000
11-7-S	94	100	28.27	3584.14	2582	59547	0.000000	0.00	0.000
11-8-S	94	100	28.27	3584.14	8311	59547	0.000000	0.00	0.000
11-9-S	94	100	28.27	3584.14	13839	59547	0.000000	0.00	0.000
11-10-S	94	100	28.27	3584.14	19082	59547	0.000000	0.00	0.000
11-11-S	94	100	28.27	3584.14	24188	59547	0.000000	0.00	0.000
11-12-S	94	100	28.27	3584.14	29165	59547	0.000000	0.00	0.000
11-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
11-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
12-1-S	94	100	28.27	3584.14	-1843	59547	0.000000	0.00	0.000
12-2-S	94	100	28.27	3584.14	3818	59547	0.000000	0.00	0.000
12-3-S	94	100	28.27	3584.14	-8650	59547	0.000000	0.00	0.000
12-4-S	94	100	28.27	3584.14	-11808	59547	0.000000	0.00	0.000
12-5-S	94	100	28.27	3584.14	-10358	59547	0.000000	0.00	0.000
12-6-S	94	100	28.27	3584.14	-3840	59547	0.000000	0.00	0.000
12-7-S	94	100	28.27	3584.14	2582	59547	0.000000	0.00	0.000
12-8-S	94	100	28.27	3584.14	8311	59547	0.000000	0.00	0.000
12-9-S	94	100	28.27	3584.14	13839	59547	0.000000	0.00	0.000
12-10-S	94	100	28.27	3584.14	19082	59547	0.000000	0.00	0.000
12-11-S	94	100	28.27	3584.14	24188	59547	0.000000	0.00	0.000
12-12-S	94	100	28.27	3584.14	29165	59547	0.000000	0.00	0.000
12-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
12-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
13-1-S	94	100	28.27	3584.14	-926	59547	0.000000	0.00	0.000
13-2-S	94	100	28.27	3584.14	-2048	59547	0.000000	0.00	0.000
13-3-S	94	100	28.27	3584.14	-3122	59547	0.000000	0.00	0.000
13-4-S	94	100	28.27	3584.14	-3058	59547	0.000000	0.00	0.000
13-5-S	94	100	28.27	3584.14	-1989	59547	0.000000	0.00	0.000
13-6-S	94	100	28.27	3584.14	994	59547	0.000000	0.00	0.000
13-7-S	94	100	28.27	3584.14	4837	59547	0.000000	0.00	0.000
13-8-S	94	100	28.27	3584.14	9348	59547	0.000000	0.00	0.000
13-9-S	94	100	28.27	3584.14	14282	59547	0.000000	0.00	0.000
13-10-S	94	100	28.27	3584.14	19316	59547	0.000000	0.00	0.000
13-11-S	94	100	28.27	3584.14	24272	59547	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
13-12-S	94	100	28.27	3584.14	29116	59547	0.000000	0.00	0.000
13-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
13-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-1-S	94	100	28.27	3599.39	3216	59955	0.000000	0.00	0.000
14-2-S	94	100	28.27	3599.39	7631	59955	0.000000	0.00	0.000
14-3-S	94	100	28.27	3599.39	-12074	59955	0.000000	0.00	0.000
14-4-S	94	100	28.27	3599.39	-18624	59955	0.000000	0.00	0.000
14-5-S	94	100	15.71	3918.52	-17066	-57926	0.000000	0.00	0.000
14-6-S	94	100	28.27	3599.39	-6887	59955	0.000000	0.00	0.000
14-7-S	94	100	28.27	3599.39	1295	59955	0.000000	0.00	0.000
14-8-S	94	100	28.27	3599.39	8115	59955	0.000000	0.00	0.000
14-9-S	94	100	28.27	3599.39	14169	59955	0.000000	0.00	0.000
14-10-S	94	100	28.27	3599.39	19673	59955	0.000000	0.00	0.000
14-11-S	94	100	28.27	3599.39	24988	59955	0.000000	0.00	0.000
14-12-S	94	100	28.27	3599.39	30146	59955	0.000000	0.00	0.000
14-13-S	94	100	15.71	3918.52	-75	-57926	0.000000	0.00	0.000
14-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
15-1-S	94	100	28.27	3584.14	-1347	59547	0.000000	0.00	0.000
15-2-S	94	100	28.27	3584.14	-2771	59547	0.000000	0.00	0.000
15-3-S	94	100	28.27	3584.14	-3963	59547	0.000000	0.00	0.000
15-4-S	94	100	28.27	3584.14	-3740	59547	0.000000	0.00	0.000
15-5-S	94	100	28.27	3584.14	-2433	59547	0.000000	0.00	0.000
15-6-S	94	100	28.27	3584.14	1152	59547	0.000000	0.00	0.000
15-7-S	94	100	28.27	3584.14	5022	59547	0.000000	0.00	0.000
15-8-S	94	100	28.27	3584.14	9849	59547	0.000000	0.00	0.000
15-9-S	94	100	28.27	3584.14	15095	59547	0.000000	0.00	0.000
15-10-S	94	100	28.27	3584.14	20434	59547	0.000000	0.00	0.000
15-11-S	94	100	28.27	3584.14	25691	59547	0.000000	0.00	0.000
15-12-S	94	100	28.27	3584.14	30833	59547	0.000000	0.00	0.000
15-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
15-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-1-S	94	100	31.42	3530.12	-1842	60423	0.000000	0.00	0.000
16-2-S	94	100	31.42	3530.12	-3982	60423	0.000000	0.00	0.000
16-3-S	94	100	31.42	3530.12	-7748	60423	0.000000	0.00	0.000
16-4-S	94	100	31.42	3530.12	-9186	60423	0.000000	0.00	0.000
16-5-S	94	100	31.42	3530.12	-7609	60423	0.000000	0.00	0.000
16-6-S	94	100	31.42	3530.12	-2627	60423	0.000000	0.00	0.000
16-7-S	94	100	31.42	3530.12	3548	60423	0.000000	0.00	0.000
16-8-S	94	100	31.42	3530.12	9441	60423	0.000000	0.00	0.000
16-9-S	94	100	31.42	3530.12	15404	60423	0.000000	0.00	0.000
16-10-S	94	100	31.42	3530.12	21278	60423	0.000000	0.00	0.000
16-11-S	94	100	31.42	3530.12	27107	60423	0.000000	0.00	0.000
16-12-S	94	100	31.42	3530.12	32893	60423	0.000000	0.00	0.000
16-13-S	94	100	12.57	4013.72	-75	-57382	0.000000	0.00	0.000
16-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-1-S	94	100	31.42	3530.12	2393	60423	0.000000	0.00	0.000
17-2-S	94	100	31.42	3530.12	5787	60423	0.000000	0.00	0.000
17-3-S	94	100	31.42	3530.12	-10468	60423	0.000000	0.00	0.000
17-4-S	94	100	31.42	3530.12	-15712	60423	0.000000	0.00	0.000
17-5-S	94	100	12.57	4013.72	-14547	-57382	0.000000	0.00	0.000
17-6-S	94	100	31.42	3530.12	-6002	60423	0.000000	0.00	0.000
17-7-S	94	100	31.42	3530.12	1985	60423	0.000000	0.00	0.000
17-8-S	94	100	31.42	3530.12	8644	60423	0.000000	0.00	0.000
17-9-S	94	100	31.42	3530.12	15338	60423	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
17-10-S	94	100	31.42	3530.12	21557	60423	0.000000	0.00	0.000
17-11-S	94	100	31.42	3530.12	28063	60423	0.000000	0.00	0.000
17-12-S	94	100	31.42	3530.12	35015	60423	0.000000	0.00	0.000
17-13-S	94	100	12.57	4013.72	-76	-57382	0.000000	0.00	0.000
17-14-S	94	100	0.00	0.00	2	0	0.000000	0.00	0.000

Pali in c.a.

Combinazione n° 11 - SLEF

Apertura limite fessure w_{lim}=0.400 mm

Ip	Is	Af	Aeff	Mpf	M	N	ε	Sm	wm
		[cmq]	[cmq]	[kgm]	[kgm]	[kg]	[%]	[mm]	[mm]
1	1	106.03	4326.77	23656	-46251	-12584	0.0486	492.57	0.240
2	1	77.75	3147.34	32037	-46251	68164	0.0317	490.63	0.155

Combinazioni SLEQ

Paramento

Combinazione n° 12 - SLEQ

Apertura limite fessure w_{lim}=0.30

n°	Y	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1	0.00	100	40	0.00	0.00	0	0	0.000000	0.00	0.000
2	-0.35	100	42	0.00	0.00	-2	-829	0.000000	0.00	0.000
3	-0.70	100	44	0.00	0.00	-8	-1843	0.000000	0.00	0.000
4	-1.04	100	46	0.00	0.00	-18	-3058	0.000000	0.00	0.000
5	-1.39	100	49	0.00	0.00	-32	-4492	0.000000	0.00	0.000
6	-1.74	100	51	0.00	0.00	-50	-6161	0.000000	0.00	0.000
7	-2.09	100	53	0.00	0.00	-74	-8084	0.000000	0.00	0.000
8	-2.43	100	55	0.00	0.00	-102	-10278	0.000000	0.00	0.000
9	-2.78	100	57	0.00	0.00	-135	-12720	0.000000	0.00	0.000
10	-3.13	100	59	0.00	0.00	-164	-14104	0.000000	0.00	0.000
11	-3.48	100	61	0.00	0.00	-161	-11393	0.000000	0.00	0.000
12	-3.82	100	63	0.00	0.00	-95	-4947	0.000000	0.00	0.000
13	-4.17	100	66	0.00	0.00	66	2972	0.000000	0.00	0.000
14	-4.52	100	68	0.00	0.00	354	25645	0.000000	0.00	0.000
15	-4.87	100	70	0.00	0.00	800	775726	0.000000	0.00	0.000
16	-5.21	100	72	12.57	897.50	1436	88266	0.000000	0.00	0.000
17	-5.56	100	74	12.57	1737.85	2294	59940	0.000000	0.00	0.000
18	-5.91	100	76	12.57	2279.92	3405	52336	0.000000	0.00	0.000
19	-6.26	100	78	12.57	2614.48	4800	49663	0.000000	0.00	0.000

n°	Y	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
20	-6.60	100	80	12.57	2847.75	6501	48958	0.000000	0.00	0.000
21	-6.95	100	83	18.85	2837.42	8525	50926	0.000000	0.00	0.000
22	-7.30	100	85	18.85	2994.04	10901	51788	0.000000	0.00	0.000

Piastra fondazione

Combinazione n° 12 - SLEQ

Apertura limite fessure w_{lim}=0.30

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-1-P	87	100	8.04	2426.63	442	49333	0.000000	0.00	0.000
1-2-P	87	100	8.04	2426.63	-1016	49333	0.000000	0.00	0.000
1-3-P	87	100	8.04	2426.63	-4662	49333	0.000000	0.00	0.000
1-4-P	87	100	8.04	2426.63	-7859	49333	0.000000	0.00	0.000
1-5-P	87	100	8.04	2426.63	-7250	49333	0.000000	0.00	0.000
1-6-P	87	100	8.04	2426.63	-3869	49333	0.000000	0.00	0.000
1-7-P	87	100	8.04	2426.63	1454	49333	0.000000	0.00	0.000
1-8-P	87	100	8.04	2426.63	2301	49333	0.000000	0.00	0.000
1-9-P	87	100	8.04	2426.63	2858	49333	0.000000	0.00	0.000
1-10-P	87	100	8.04	2426.63	2938	49333	0.000000	0.00	0.000
1-11-P	87	100	8.04	2426.63	2400	49333	0.000000	0.00	0.000
1-12-P	87	100	8.04	2426.63	-1721	49333	0.000000	0.00	0.000
1-13-P	87	100	8.04	2426.63	-4392	49333	0.000000	0.00	0.000
1-14-P	87	100	8.04	2426.63	-8011	49333	0.000000	0.00	0.000
1-15-P	87	100	8.04	2426.63	-5768	49333	0.000000	0.00	0.000
1-16-P	87	100	8.04	2426.63	-2814	49333	0.000000	0.00	0.000
1-17-P	87	100	8.04	2426.63	1876	49333	0.000000	0.00	0.000
1-18-P	87	100	8.04	2426.63	2418	49333	0.000000	0.00	0.000
1-19-P	87	100	8.04	2426.63	2688	49333	0.000000	0.00	0.000
1-20-P	87	100	8.04	2426.63	2554	49333	0.000000	0.00	0.000
1-21-P	87	100	8.04	2426.63	1969	49333	0.000000	0.00	0.000
1-22-P	87	100	8.04	2426.63	-2317	49333	0.000000	0.00	0.000
1-23-P	87	100	8.04	2426.63	-5005	49333	0.000000	0.00	0.000
1-24-P	87	100	8.04	2426.63	-9267	49333	0.000000	0.00	0.000
1-25-P	87	100	8.04	2426.63	-5005	49333	0.000000	0.00	0.000
1-26-P	87	100	8.04	2426.63	-2317	49333	0.000000	0.00	0.000
1-27-P	87	100	8.04	2426.63	1969	49333	0.000000	0.00	0.000
1-28-P	87	100	8.04	2426.63	2554	49333	0.000000	0.00	0.000
1-29-P	87	100	8.04	2426.63	2688	49333	0.000000	0.00	0.000
1-30-P	87	100	8.04	2426.63	2418	49333	0.000000	0.00	0.000
1-31-P	87	100	8.04	2426.63	1876	49333	0.000000	0.00	0.000
1-32-P	87	100	8.04	2426.63	-2814	49333	0.000000	0.00	0.000
1-33-P	87	100	8.04	2426.63	-5768	49333	0.000000	0.00	0.000
1-34-P	87	100	8.04	2426.63	-8011	49333	0.000000	0.00	0.000
1-35-P	87	100	8.04	2426.63	-4392	49333	0.000000	0.00	0.000
1-36-P	87	100	8.04	2426.63	-1721	49333	0.000000	0.00	0.000
1-37-P	87	100	8.04	2426.63	2400	49333	0.000000	0.00	0.000
1-38-P	87	100	8.04	2426.63	2938	49333	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-39-P	87	100	8.04	2426.63	2858	49333	0.000000	0.00	0.000
1-40-P	87	100	8.04	2426.63	2301	49333	0.000000	0.00	0.000
1-41-P	87	100	8.04	2426.63	1454	49333	0.000000	0.00	0.000
1-42-P	87	100	8.04	2426.63	-3869	49333	0.000000	0.00	0.000
1-43-P	87	100	8.04	2426.63	-7250	49333	0.000000	0.00	0.000
1-44-P	87	100	8.04	2426.63	-7859	49333	0.000000	0.00	0.000
1-45-P	87	100	8.04	2426.63	-4662	49333	0.000000	0.00	0.000
1-46-P	87	100	8.04	2426.63	-1016	49333	0.000000	0.00	0.000
1-47-P	87	100	8.04	2426.63	442	49333	0.000000	0.00	0.000
2-1-P	87	100	8.04	2426.67	299	49334	0.000000	0.00	0.000
2-2-P	87	100	8.04	2426.67	-884	49334	0.000000	0.00	0.000
2-3-P	87	100	8.04	2426.67	-1540	49334	0.000000	0.00	0.000
2-4-P	87	100	8.04	2426.67	-2642	49334	0.000000	0.00	0.000
2-5-P	87	100	8.04	2426.67	-2408	49334	0.000000	0.00	0.000
2-6-P	87	100	8.04	2426.67	-997	49334	0.000000	0.00	0.000
2-7-P	87	100	8.04	2426.67	905	49334	0.000000	0.00	0.000
2-8-P	87	100	8.04	2426.67	1711	49334	0.000000	0.00	0.000
2-9-P	87	100	8.04	2426.67	2391	49334	0.000000	0.00	0.000
2-10-P	87	100	8.04	2426.67	2403	49334	0.000000	0.00	0.000
2-11-P	87	100	8.04	2426.67	1567	49334	0.000000	0.00	0.000
2-12-P	87	100	8.04	2426.67	871	49334	0.000000	0.00	0.000
2-13-P	87	100	8.04	2426.67	-1301	49334	0.000000	0.00	0.000
2-14-P	87	100	8.04	2426.67	-2845	49334	0.000000	0.00	0.000
2-15-P	87	100	8.04	2426.67	-2046	49334	0.000000	0.00	0.000
2-16-P	87	100	8.04	2426.67	-827	49334	0.000000	0.00	0.000
2-17-P	87	100	8.04	2426.67	949	49334	0.000000	0.00	0.000
2-18-P	87	100	8.04	2426.67	1709	49334	0.000000	0.00	0.000
2-19-P	87	100	8.04	2426.67	2091	49334	0.000000	0.00	0.000
2-20-P	87	100	8.04	2426.67	1886	49334	0.000000	0.00	0.000
2-21-P	87	100	8.04	2426.67	1034	49334	0.000000	0.00	0.000
2-22-P	87	100	8.04	2426.67	-772	49334	0.000000	0.00	0.000
2-23-P	87	100	8.04	2426.67	-1848	49334	0.000000	0.00	0.000
2-24-P	87	100	8.04	2426.67	-3382	49334	0.000000	0.00	0.000
2-25-P	87	100	8.04	2426.67	-1848	49334	0.000000	0.00	0.000
2-26-P	87	100	8.04	2426.67	-772	49334	0.000000	0.00	0.000
2-27-P	87	100	8.04	2426.67	1034	49334	0.000000	0.00	0.000
2-28-P	87	100	8.04	2426.67	1886	49334	0.000000	0.00	0.000
2-29-P	87	100	8.04	2426.67	2091	49334	0.000000	0.00	0.000
2-30-P	87	100	8.04	2426.67	1709	49334	0.000000	0.00	0.000
2-31-P	87	100	8.04	2426.67	949	49334	0.000000	0.00	0.000
2-32-P	87	100	8.04	2426.67	-827	49334	0.000000	0.00	0.000
2-33-P	87	100	8.04	2426.67	-2046	49334	0.000000	0.00	0.000
2-34-P	87	100	8.04	2426.67	-2845	49334	0.000000	0.00	0.000
2-35-P	87	100	8.04	2426.67	-1301	49334	0.000000	0.00	0.000
2-36-P	87	100	8.04	2426.67	871	49334	0.000000	0.00	0.000
2-37-P	87	100	8.04	2426.67	1567	49334	0.000000	0.00	0.000
2-38-P	87	100	8.04	2426.67	2403	49334	0.000000	0.00	0.000
2-39-P	87	100	8.04	2426.67	2391	49334	0.000000	0.00	0.000
2-40-P	87	100	8.04	2426.67	1711	49334	0.000000	0.00	0.000
2-41-P	87	100	8.04	2426.67	905	49334	0.000000	0.00	0.000
2-42-P	87	100	8.04	2426.67	-997	49334	0.000000	0.00	0.000
2-43-P	87	100	8.04	2426.67	-2408	49334	0.000000	0.00	0.000
2-44-P	87	100	8.04	2426.67	-2642	49334	0.000000	0.00	0.000
2-45-P	87	100	8.04	2426.67	-1540	49334	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
2-46-P	87	100	8.04	2426.67	-884	49334	0.000000	0.00	0.000
2-47-P	87	100	8.04	2426.67	299	49334	0.000000	0.00	0.000
3-1-P	87	100	8.04	2426.67	1641	49334	0.000000	0.00	0.000
3-2-P	87	100	8.04	2426.67	2385	49334	0.000000	0.00	0.000
3-3-P	87	100	8.04	2426.67	3311	49334	0.000000	0.00	0.000
3-4-P	87	100	8.04	2426.67	4046	49334	0.000000	0.00	0.000
3-5-P	87	100	8.04	2426.67	4555	49334	0.000000	0.00	0.000
3-6-P	87	100	8.04	2426.67	4938	49334	0.000000	0.00	0.000
3-7-P	87	100	8.04	2426.67	5235	49334	0.000000	0.00	0.000
3-8-P	87	100	8.04	2426.67	5420	49334	0.000000	0.00	0.000
3-9-P	87	100	8.04	2426.67	5498	49334	0.000000	0.00	0.000
3-10-P	87	100	8.04	2426.67	5448	49334	0.000000	0.00	0.000
3-11-P	87	100	8.04	2426.67	5238	49334	0.000000	0.00	0.000
3-12-P	87	100	8.04	2426.67	4995	49334	0.000000	0.00	0.000
3-13-P	87	100	8.04	2426.67	4752	49334	0.000000	0.00	0.000
3-14-P	87	100	8.04	2426.67	4603	49334	0.000000	0.00	0.000
3-15-P	87	100	8.04	2426.67	4605	49334	0.000000	0.00	0.000
3-16-P	87	100	8.04	2426.67	4696	49334	0.000000	0.00	0.000
3-17-P	87	100	8.04	2426.67	4859	49334	0.000000	0.00	0.000
3-18-P	87	100	8.04	2426.67	4985	49334	0.000000	0.00	0.000
3-19-P	87	100	8.04	2426.67	5024	49334	0.000000	0.00	0.000
3-20-P	87	100	8.04	2426.67	4973	49334	0.000000	0.00	0.000
3-21-P	87	100	8.04	2426.67	4801	49334	0.000000	0.00	0.000
3-22-P	87	100	8.04	2426.67	4598	49334	0.000000	0.00	0.000
3-23-P	87	100	8.04	2426.67	4432	49334	0.000000	0.00	0.000
3-24-P	87	100	8.04	2426.67	4335	49334	0.000000	0.00	0.000
3-25-P	87	100	8.04	2426.67	4432	49334	0.000000	0.00	0.000
3-26-P	87	100	8.04	2426.67	4598	49334	0.000000	0.00	0.000
3-27-P	87	100	8.04	2426.67	4801	49334	0.000000	0.00	0.000
3-28-P	87	100	8.04	2426.67	4973	49334	0.000000	0.00	0.000
3-29-P	87	100	8.04	2426.67	5024	49334	0.000000	0.00	0.000
3-30-P	87	100	8.04	2426.67	4985	49334	0.000000	0.00	0.000
3-31-P	87	100	8.04	2426.67	4859	49334	0.000000	0.00	0.000
3-32-P	87	100	8.04	2426.67	4696	49334	0.000000	0.00	0.000
3-33-P	87	100	8.04	2426.67	4605	49334	0.000000	0.00	0.000
3-34-P	87	100	8.04	2426.67	4603	49334	0.000000	0.00	0.000
3-35-P	87	100	8.04	2426.67	4752	49334	0.000000	0.00	0.000
3-36-P	87	100	8.04	2426.67	4995	49334	0.000000	0.00	0.000
3-37-P	87	100	8.04	2426.67	5238	49334	0.000000	0.00	0.000
3-38-P	87	100	8.04	2426.67	5448	49334	0.000000	0.00	0.000
3-39-P	87	100	8.04	2426.67	5498	49334	0.000000	0.00	0.000
3-40-P	87	100	8.04	2426.67	5420	49334	0.000000	0.00	0.000
3-41-P	87	100	8.04	2426.67	5235	49334	0.000000	0.00	0.000
3-42-P	87	100	8.04	2426.67	4938	49334	0.000000	0.00	0.000
3-43-P	87	100	8.04	2426.67	4555	49334	0.000000	0.00	0.000
3-44-P	87	100	8.04	2426.67	4046	49334	0.000000	0.00	0.000
3-45-P	87	100	8.04	2426.67	3311	49334	0.000000	0.00	0.000
3-46-P	87	100	8.04	2426.67	2385	49334	0.000000	0.00	0.000
3-47-P	87	100	8.04	2426.67	1641	49334	0.000000	0.00	0.000
5-1-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-2-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-3-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-4-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-5-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
5-6-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-7-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-8-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-9-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-10-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-11-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-12-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-13-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-14-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-15-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-16-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-17-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-18-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-19-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-20-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-21-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-22-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-23-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-24-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-25-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-26-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-27-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-28-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-29-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-30-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-31-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-32-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-33-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-34-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-35-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-36-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-37-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-38-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-39-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-40-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-41-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-42-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-43-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-44-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-45-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-46-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-47-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
6-1-S	94	100	31.42	3530.12	2187	60423	0.000000	0.00	0.000
6-2-S	94	100	31.42	3530.12	5301	60423	0.000000	0.00	0.000
6-3-S	94	100	31.42	3530.12	-9569	60423	0.000000	0.00	0.000
6-4-S	94	100	31.42	3530.12	-14519	60423	0.000000	0.00	0.000
6-5-S	94	100	12.57	4013.72	-13674	-57382	0.000000	0.00	0.000
6-6-S	94	100	31.42	3530.12	-6025	60423	0.000000	0.00	0.000
6-7-S	94	100	31.42	3530.12	1326	60423	0.000000	0.00	0.000
6-8-S	94	100	31.42	3530.12	6935	60423	0.000000	0.00	0.000
6-9-S	94	100	31.42	3530.12	12841	60423	0.000000	0.00	0.000
6-10-S	94	100	31.42	3530.12	18313	60423	0.000000	0.00	0.000
6-11-S	94	100	31.42	3530.12	24019	60423	0.000000	0.00	0.000
6-12-S	94	100	31.42	3530.12	30099	60423	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
6-13-S	94	100	12.57	4013.72	-76	-57382	0.000000	0.00	0.000
6-14-S	94	100	0.00	0.00	2	0	0.000000	0.00	0.000
7-1-S	94	100	31.42	3530.12	-1694	60423	0.000000	0.00	0.000
7-2-S	94	100	31.42	3530.12	-3659	60423	0.000000	0.00	0.000
7-3-S	94	100	31.42	3530.12	-7146	60423	0.000000	0.00	0.000
7-4-S	94	100	31.42	3530.12	-8585	60423	0.000000	0.00	0.000
7-5-S	94	100	0.00	0.00	-7316	0	0.000000	0.00	0.000
7-6-S	94	100	31.42	3530.12	-2751	60423	0.000000	0.00	0.000
7-7-S	94	100	31.42	3530.12	2524	60423	0.000000	0.00	0.000
7-8-S	94	100	31.42	3530.12	7666	60423	0.000000	0.00	0.000
7-9-S	94	100	31.42	3530.12	12894	60423	0.000000	0.00	0.000
7-10-S	94	100	31.42	3530.12	18023	60423	0.000000	0.00	0.000
7-11-S	94	100	31.42	3530.12	23095	60423	0.000000	0.00	0.000
7-12-S	94	100	31.42	3530.12	28112	60423	0.000000	0.00	0.000
7-13-S	94	100	12.57	4013.72	-75	-57382	0.000000	0.00	0.000
7-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-1-S	94	100	28.27	3584.14	-1230	59547	0.000000	0.00	0.000
8-2-S	94	100	28.27	3584.14	-2559	59547	0.000000	0.00	0.000
8-3-S	94	100	28.27	3584.14	-3716	59547	0.000000	0.00	0.000
8-4-S	94	100	28.27	3584.14	-3621	59547	0.000000	0.00	0.000
8-5-S	94	100	28.27	3584.14	-2561	59547	0.000000	0.00	0.000
8-6-S	94	100	28.27	3584.14	658	59547	0.000000	0.00	0.000
8-7-S	94	100	28.27	3584.14	3849	59547	0.000000	0.00	0.000
8-8-S	94	100	28.27	3584.14	8049	59547	0.000000	0.00	0.000
8-9-S	94	100	28.27	3584.14	12621	59547	0.000000	0.00	0.000
8-10-S	94	100	28.27	3584.14	17263	59547	0.000000	0.00	0.000
8-11-S	94	100	28.27	3584.14	21819	59547	0.000000	0.00	0.000
8-12-S	94	100	28.27	3584.14	26261	59547	0.000000	0.00	0.000
8-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
8-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
9-1-S	94	100	28.27	3599.39	2944	59955	0.000000	0.00	0.000
9-2-S	94	100	28.27	3599.39	6994	59955	0.000000	0.00	0.000
9-3-S	94	100	28.27	3599.39	-11001	59955	0.000000	0.00	0.000
9-4-S	94	100	28.27	3599.39	-17154	59955	0.000000	0.00	0.000
9-5-S	94	100	15.71	3918.52	-15980	-57926	0.000000	0.00	0.000
9-6-S	94	100	15.71	3918.52	-6861	-57926	0.000000	0.00	0.000
9-7-S	94	100	28.27	3599.39	659	59955	0.000000	0.00	0.000
9-8-S	94	100	28.27	3599.39	6457	59955	0.000000	0.00	0.000
9-9-S	94	100	28.27	3599.39	11778	59955	0.000000	0.00	0.000
9-10-S	94	100	28.27	3599.39	16580	59955	0.000000	0.00	0.000
9-11-S	94	100	28.27	3599.39	21198	59955	0.000000	0.00	0.000
9-12-S	94	100	28.27	3599.39	25663	59955	0.000000	0.00	0.000
9-13-S	94	100	15.71	3918.52	-75	-57926	0.000000	0.00	0.000
9-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
10-1-S	94	100	28.27	3584.14	-847	59547	0.000000	0.00	0.000
10-2-S	94	100	28.27	3584.14	-1904	59547	0.000000	0.00	0.000
10-3-S	94	100	28.27	3584.14	-2957	59547	0.000000	0.00	0.000
10-4-S	94	100	28.27	3584.14	-3010	59547	0.000000	0.00	0.000
10-5-S	94	100	0.00	0.00	-2175	0	0.000000	0.00	0.000
10-6-S	94	100	28.27	3584.14	472	59547	0.000000	0.00	0.000
10-7-S	94	100	28.27	3584.14	3693	59547	0.000000	0.00	0.000
10-8-S	94	100	28.27	3584.14	7611	59547	0.000000	0.00	0.000
10-9-S	94	100	28.27	3584.14	11906	59547	0.000000	0.00	0.000
10-10-S	94	100	28.27	3584.14	16278	59547	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
10-11-S	94	100	28.27	3584.14	20572	59547	0.000000	0.00	0.000
10-12-S	94	100	28.27	3584.14	24756	59547	0.000000	0.00	0.000
10-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
10-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-1-S	94	100	28.27	3584.14	-1688	59547	0.000000	0.00	0.000
11-2-S	94	100	28.27	3584.14	3501	59547	0.000000	0.00	0.000
11-3-S	94	100	28.27	3584.14	-7931	59547	0.000000	0.00	0.000
11-4-S	94	100	28.27	3584.14	-10954	59547	0.000000	0.00	0.000
11-5-S	94	100	28.27	3584.14	-9828	59547	0.000000	0.00	0.000
11-6-S	94	100	28.27	3584.14	-3932	59547	0.000000	0.00	0.000
11-7-S	94	100	28.27	3584.14	1791	59547	0.000000	0.00	0.000
11-8-S	94	100	28.27	3584.14	6658	59547	0.000000	0.00	0.000
11-9-S	94	100	28.27	3584.14	11500	59547	0.000000	0.00	0.000
11-10-S	94	100	28.27	3584.14	16068	59547	0.000000	0.00	0.000
11-11-S	94	100	28.27	3584.14	20501	59547	0.000000	0.00	0.000
11-12-S	94	100	28.27	3584.14	24809	59547	0.000000	0.00	0.000
11-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
11-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
12-1-S	94	100	28.27	3584.14	-1688	59547	0.000000	0.00	0.000
12-2-S	94	100	28.27	3584.14	3501	59547	0.000000	0.00	0.000
12-3-S	94	100	28.27	3584.14	-7931	59547	0.000000	0.00	0.000
12-4-S	94	100	28.27	3584.14	-10954	59547	0.000000	0.00	0.000
12-5-S	94	100	28.27	3584.14	-9828	59547	0.000000	0.00	0.000
12-6-S	94	100	28.27	3584.14	-3932	59547	0.000000	0.00	0.000
12-7-S	94	100	28.27	3584.14	1791	59547	0.000000	0.00	0.000
12-8-S	94	100	28.27	3584.14	6658	59547	0.000000	0.00	0.000
12-9-S	94	100	28.27	3584.14	11500	59547	0.000000	0.00	0.000
12-10-S	94	100	28.27	3584.14	16068	59547	0.000000	0.00	0.000
12-11-S	94	100	28.27	3584.14	20501	59547	0.000000	0.00	0.000
12-12-S	94	100	28.27	3584.14	24809	59547	0.000000	0.00	0.000
12-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
12-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
13-1-S	94	100	28.27	3584.14	-847	59547	0.000000	0.00	0.000
13-2-S	94	100	28.27	3584.14	-1904	59547	0.000000	0.00	0.000
13-3-S	94	100	28.27	3584.14	-2957	59547	0.000000	0.00	0.000
13-4-S	94	100	28.27	3584.14	-3010	59547	0.000000	0.00	0.000
13-5-S	94	100	0.00	0.00	-2175	0	0.000000	0.00	0.000
13-6-S	94	100	28.27	3584.14	472	59547	0.000000	0.00	0.000
13-7-S	94	100	28.27	3584.14	3693	59547	0.000000	0.00	0.000
13-8-S	94	100	28.27	3584.14	7611	59547	0.000000	0.00	0.000
13-9-S	94	100	28.27	3584.14	11906	59547	0.000000	0.00	0.000
13-10-S	94	100	28.27	3584.14	16278	59547	0.000000	0.00	0.000
13-11-S	94	100	28.27	3584.14	20572	59547	0.000000	0.00	0.000
13-12-S	94	100	28.27	3584.14	24756	59547	0.000000	0.00	0.000
13-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
13-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-1-S	94	100	28.27	3599.39	2944	59955	0.000000	0.00	0.000
14-2-S	94	100	28.27	3599.39	6994	59955	0.000000	0.00	0.000
14-3-S	94	100	28.27	3599.39	-11001	59955	0.000000	0.00	0.000
14-4-S	94	100	28.27	3599.39	-17154	59955	0.000000	0.00	0.000
14-5-S	94	100	15.71	3918.52	-15980	-57926	0.000000	0.00	0.000
14-6-S	94	100	15.71	3918.52	-6861	-57926	0.000000	0.00	0.000
14-7-S	94	100	28.27	3599.39	659	59955	0.000000	0.00	0.000
14-8-S	94	100	28.27	3599.39	6457	59955	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
14-9-S	94	100	28.27	3599.39	11778	59955	0.000000	0.00	0.000
14-10-S	94	100	28.27	3599.39	16580	59955	0.000000	0.00	0.000
14-11-S	94	100	28.27	3599.39	21198	59955	0.000000	0.00	0.000
14-12-S	94	100	28.27	3599.39	25663	59955	0.000000	0.00	0.000
14-13-S	94	100	15.71	3918.52	-75	-57926	0.000000	0.00	0.000
14-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
15-1-S	94	100	28.27	3584.14	-1230	59547	0.000000	0.00	0.000
15-2-S	94	100	28.27	3584.14	-2559	59547	0.000000	0.00	0.000
15-3-S	94	100	28.27	3584.14	-3716	59547	0.000000	0.00	0.000
15-4-S	94	100	28.27	3584.14	-3621	59547	0.000000	0.00	0.000
15-5-S	94	100	28.27	3584.14	-2561	59547	0.000000	0.00	0.000
15-6-S	94	100	28.27	3584.14	658	59547	0.000000	0.00	0.000
15-7-S	94	100	28.27	3584.14	3849	59547	0.000000	0.00	0.000
15-8-S	94	100	28.27	3584.14	8049	59547	0.000000	0.00	0.000
15-9-S	94	100	28.27	3584.14	12621	59547	0.000000	0.00	0.000
15-10-S	94	100	28.27	3584.14	17263	59547	0.000000	0.00	0.000
15-11-S	94	100	28.27	3584.14	21819	59547	0.000000	0.00	0.000
15-12-S	94	100	28.27	3584.14	26261	59547	0.000000	0.00	0.000
15-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
15-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-1-S	94	100	31.42	3530.12	-1694	60423	0.000000	0.00	0.000
16-2-S	94	100	31.42	3530.12	-3659	60423	0.000000	0.00	0.000
16-3-S	94	100	31.42	3530.12	-7146	60423	0.000000	0.00	0.000
16-4-S	94	100	31.42	3530.12	-8585	60423	0.000000	0.00	0.000
16-5-S	94	100	0.00	0.00	-7316	0	0.000000	0.00	0.000
16-6-S	94	100	31.42	3530.12	-2751	60423	0.000000	0.00	0.000
16-7-S	94	100	31.42	3530.12	2524	60423	0.000000	0.00	0.000
16-8-S	94	100	31.42	3530.12	7666	60423	0.000000	0.00	0.000
16-9-S	94	100	31.42	3530.12	12894	60423	0.000000	0.00	0.000
16-10-S	94	100	31.42	3530.12	18023	60423	0.000000	0.00	0.000
16-11-S	94	100	31.42	3530.12	23095	60423	0.000000	0.00	0.000
16-12-S	94	100	31.42	3530.12	28112	60423	0.000000	0.00	0.000
16-13-S	94	100	12.57	4013.72	-75	-57382	0.000000	0.00	0.000
16-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-1-S	94	100	31.42	3530.12	2187	60423	0.000000	0.00	0.000
17-2-S	94	100	31.42	3530.12	5301	60423	0.000000	0.00	0.000
17-3-S	94	100	31.42	3530.12	-9569	60423	0.000000	0.00	0.000
17-4-S	94	100	31.42	3530.12	-14519	60423	0.000000	0.00	0.000
17-5-S	94	100	12.57	4013.72	-13674	-57382	0.000000	0.00	0.000
17-6-S	94	100	31.42	3530.12	-6025	60423	0.000000	0.00	0.000
17-7-S	94	100	31.42	3530.12	1326	60423	0.000000	0.00	0.000
17-8-S	94	100	31.42	3530.12	6935	60423	0.000000	0.00	0.000
17-9-S	94	100	31.42	3530.12	12841	60423	0.000000	0.00	0.000
17-10-S	94	100	31.42	3530.12	18313	60423	0.000000	0.00	0.000
17-11-S	94	100	31.42	3530.12	24019	60423	0.000000	0.00	0.000
17-12-S	94	100	31.42	3530.12	30099	60423	0.000000	0.00	0.000
17-13-S	94	100	12.57	4013.72	-76	-57382	0.000000	0.00	0.000
17-14-S	94	100	0.00	0.00	2	0	0.000000	0.00	0.000

Pali in c.a.

Combinazione n° 12 - SLEQ

Apertura limite fessure w_{lim}=0.300 mm

Ip	Is	Af	Aeff	Mpf	M	N	ε	Sm	wm
		[cmq]	*[cmq]*	*[kgm]*	*[kgm]*	*[kg]*	*[%]*	*[mm]*	*[mm]*
1	1	106.03	4326.77	24329	-42398	-6094	0.0413	492.57	0.203
2	1	91.89	3751.10	31289	-42398	60956	0.0293	492.86	0.144

Risultati per inviluppo

Spinta e forze

Simbologia adottata
Ic Indice della combinazione
A Tipo azione
I Inclinazione della spinta, espressa in [°]
V Valore dell'azione, espressa in [kg]
C_X, C_Y Componente in direzione X ed Y dell'azione, espressa in [kg]
P_X, P_Y Coordinata X ed Y del punto di applicazione dell'azione, espressa in [m]

Ic	A	V	I	C_X	C_Y	P_X	P_Y
		[kg]	*[°]*	*[kg]*	*[kg]*	*[m]*	*[m]*
1	Spinta statica	25796	13.40	25094	5978	0.10	-5.59
	Peso/Inerzia muro			0	20240/0	-0.92	-5.71
	Peso/Inerzia terrapieno			0	1495/0	0.05	-3.65
2	Spinta statica	11632	13.40	11316	2696	0.10	-6.41
	Incremento di spinta sismica		18107	17614	4196	0.10	-5.53
	Peso/Inerzia muro			5930	20240/2965	-0.92	-5.71
	Peso/Inerzia terrapieno			392	1339/196	0.05	-3.65

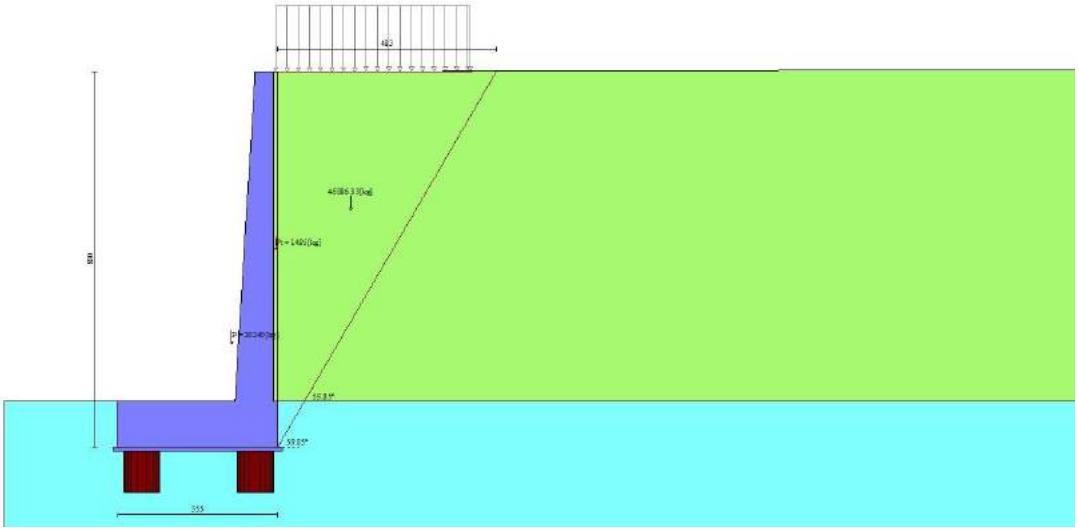

Fig. 39 - Cuneo di spinta (combinazione statica) (Combinazione n° 1)

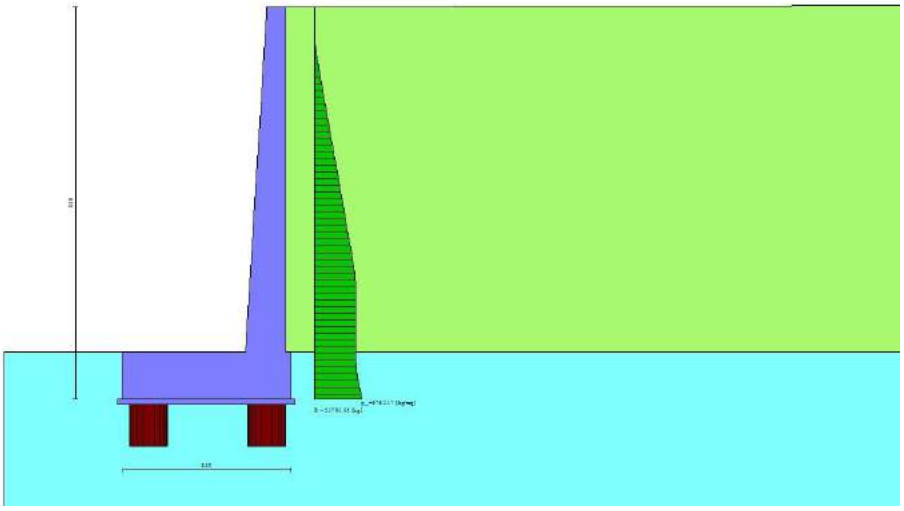

Fig. 40 - Diagramma delle pressioni (combinazione statica) (Combinazione n° 1)

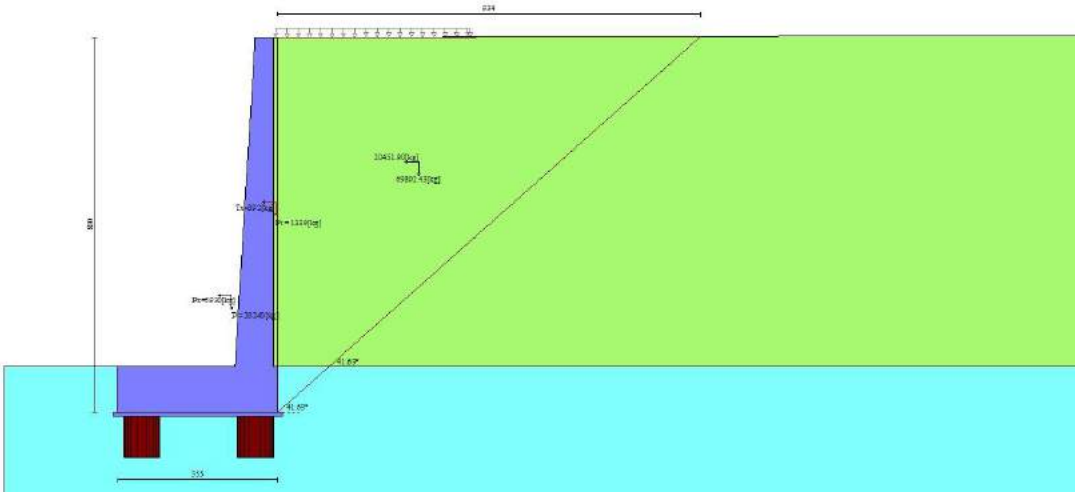

Fig. 41 - Cuneo di spinta (combinazione sismica) (Combinazione n° 2)

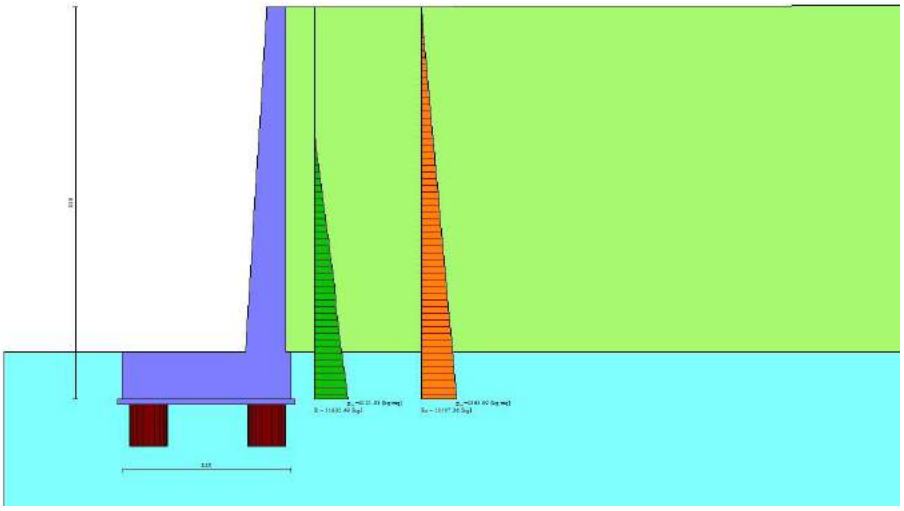

Fig. 42 - Diagramma delle pressioni (combinazione sismica) (Combinazione n° 2)

Scarichi in testa ai pali

Simbologia adottata
Cmb Indice/Tipo combinazione
Ip Indice palo
N Sforzo normale, espresso in [kg]
M Momento, espresso in [kgm]
T Taglio, espresso in [kg]

Cmb	Ip	N	M	T
		[kg]	*[kgm]*	*[kg]*
1 - STR (A1-M1-R3)	1	-75811	-88588	-28356
	2	138444	-88588	-28356
2 - STR (A1-M1-R3) H + V	1	-114169	-124551	-39836
	2	185659	-124551	-39836

Verifiche geotecniche

Quadro riassuntivo coeff. di sicurezza calcolati

Simbologia adottata
Cmb Indice/Tipo combinazione
S Sisma (H: componente orizzontale, V: componente verticale)
FS_{SCO} Coeff. di sicurezza allo scorrimento
FS_{RIB} Coeff. di sicurezza al ribaltamento
FS_{QLIM} Coeff. di sicurezza a carico limite
FS_{STAB} Coeff. di sicurezza a stabilità globale
FS_{HYD} Coeff. di sicurezza a sifonamento
FS_{UPL} Coeff. di sicurezza a sollevamento

Cmb	Sismica	FS_{SCO}	FS_{RIB}	FS_{QLIM}	FS_{STAB}	FS_{HYD}	FS_{UPL}
1 - STR (A1-M1-R3)		1.423					
2 - STR (A1-M1-R3)	H + V	1.012					
3 - STR (A1-M1-R3)	H - V	1.263					
4 - GEO (A2-M2-R2)					3.117		
5 - GEO (A2-M2-R2)	H + V				2.005		
6 - GEO (A2-M2-R2)	H - V				1.848		
7 - EQU (A1-M1-R3)			5.055				
8 - EQU (A1-M1-R3)	H + V		4.059				
9 - EQU (A1-M1-R3)	H - V		4.474				

Verifiche portanza trasversale (scorrimento)

Simbologia adottata
Ic Indice/Tipo combinazione
Ip Indice palo
T Carico orizzontale agente alla testa del palo, espresso in [kg]
TdPortanza trasversale di progetto, espresso in [kg]
FS_O Fattore di sicurezza (Td/T)

Ic	Ip	T	Td	FS_O
		[kg]	*[kg]*	
1 - STR (A1-M1-R3)	1	-28356	40412	1.425
	2	-28356	40412	1.425
2 - STR (A1-M1-R3) H + V	1	-39836	40381	1.014
	2	-39836	40381	1.014

Verifiche portanza verticale

Simbologia adottata
Ic Indice/Tipo combinazione
Ip Indice palo
N Carico verticale agente alla testa del palo, espresso in [kg]
Pd Portanza di progetto, espresso in [kg]
FS_V Fattore di sicurezza (Pd/N)

Ic	Ip	N	Pd	FS_V
		[kg]	*[kg]*	
1 - STR (A1-M1-R3)	1	-75811	120804	1.593
	2	138444	227521	1.643
2 - STR (A1-M1-R3) H + V	1	-114169	120804	1.058
	2	185659	227521	1.225
2 - STR (A1-M1-R3) H + V	1	-114169	120804	1.058
	2	185659	227521	1.225

Dettagli calcolo portanza verticale

Simbologia adottata
n° Indice palo
Nc, Nq Coeff. di capacità portante
N'c, N'q Coeff. di capacità portante corretti
Zc Massima profondità andamento pressione geostatica, espressa in [m]
Pp, Pl Portanza di punta e laterale caratteristica, espresse in [kg]
A Attrito negativo, espresso in [kg]
Wp Peso palo, espresso in [kg]

n°	Nc	N'c	Nq	N'q	Zc	Pp	Pl	A	Wp
					[m]	*[kg]*	*[kg]*	*[kg]*	*[kg]*
1	36.815	36.815	13.104	13.104	--	0 0	186317 186317	0	27646
2	36.815	36.815	13.104	13.104	--	332440 332440	186317 186317	0	27646

Verifica a ribaltamento

Simbologia adottata
n° Indice combinazione
Ms Momento stabilizzante, espresso in [kgm]
Mr Momento ribaltante, espresso in [kgm]
FS Fattore di sicurezza (rapporto tra momento stabilizzante e momento ribaltante)
La verifica viene eseguita rispetto allo spigolo inferiore esterno della fondazione

n°	Ms	Mr	FS
	[kgm]	*[kgm]*	
7 - EQU (A1-M1-R3)	343610	67977	5.055
8 - EQU (A1-M1-R3) H + V	354496	87327	4.059

Verifica stabilità globale muro + terreno

Simbologia adottata
Ic Indice/Tipo combinazione
C Centro superficie di scorrimento, espresso in [m]
R Raggio, espresso in [m]
FS Fattore di sicurezza

Ic	C	R	FS
	[m]	*[m]*	
4 - GEO (A2-M2-R2)	-4.27; 4.80	13.82	3.117
6 - GEO (A2-M2-R2) H - V	-3.20; 4.80	24.26	1.848

Dettagli strisce verifiche stabilità

Simbologia adottata
Le ascisse X sono considerate positive verso monte
Le ordinate Y sono considerate positive verso l'alto
Origine in testa al muro (spigolo contro terra)
W peso della striscia espresso in [kg]
Qy carico sulla striscia espresso in [kg]
α angolo fra la base della striscia e l'orizzontale espresso in [°] (positivo antiorario)
ϕ angolo d'attrito del terreno lungo la base della striscia
c coesione del terreno lungo la base della striscia espressa in [kg/cmq]

b larghezza della striscia espressa in [m]

u pressione neutra lungo la base della striscia espressa in [kg/cmq]

Tx; Ty Resistenza al taglio fornita dai tiranti in direzione X ed Y espressa in [kg/cmq]

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]
1	1227	0	8.71 - 0.79	65.609	16.318	0.15	0.000	
2	3371	0	0.79	58.732	16.318	0.15	0.000	
3	5022	0	0.79	52.884	16.318	0.15	0.000	
4	6369	0	0.79	47.753	16.318	0.15	0.000	
5	7501	0	0.79	43.093	16.318	0.15	0.000	
6	8467	1136	0.79	38.767	16.318	0.15	0.000	
7	9297	2459	0.79	34.690	16.318	0.15	0.000	
8	10012	2459	0.79	30.807	16.318	0.15	0.000	
9	10626	2459	0.79	27.076	16.318	0.15	0.000	
10	11150	2459	0.79	23.465	16.318	0.15	0.000	
11	11625	2459	0.79	19.952	16.318	0.15	0.000	
12	13976	8	0.79	16.515	16.318	0.15	0.000	
13	2722	0	0.79	13.138	16.318	0.15	0.000	
14	2691	0	0.79	9.808	16.318	0.15	0.000	
15	2851	0	0.79	6.511	16.318	0.15	0.000	
16	2641	0	0.79	3.235	16.318	0.15	0.000	
17	2426	0	0.79	-0.030	16.318	0.15	0.000	
18	2394	0	0.79	-3.295	16.318	0.15	0.000	
19	2298	0	0.79	-6.571	16.318	0.15	0.000	
20	2137	0	0.79	-9.869	16.318	0.15	0.000	
21	1909	0	0.79	-13.200	16.318	0.15	0.000	
22	1613	0	0.79	-16.577	16.318	0.15	0.000	
23	1244	0	0.79	-20.015	16.318	0.15	0.000	
24	798	0	0.79	-23.531	16.318	0.15	0.000	
25	270	0	-10.96 - 0.79	-26.500	16.318	0.15	0.000	

Resistenza al taglio pali 95051 [kg]

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]
1	8812	0	20.60 - 1.79	71.817	20.100	0.19	0.000	
2	22788	0	1.79	60.769	20.100	0.19	0.000	
3	31779	0	1.79	52.914	20.100	0.19	0.000	
4	38693	0	1.79	46.331	20.100	0.19	0.000	
5	45136	0	1.79	40.477	21.200	0.11	0.000	
6	50695	0	1.79	35.103	21.200	0.11	0.000	
7	55270	0	1.79	30.065	21.200	0.11	0.000	
8	59019	0	1.79	25.275	21.200	0.11	0.000	
9	62046	0	1.79	20.668	21.200	0.11	0.000	
10	64422	842	1.79	16.198	21.200	0.11	0.000	
11	66198	897	1.79	11.828	21.200	0.11	0.000	
12	62090	411	1.79	7.527	21.200	0.11	0.000	
13	45771	0	1.79	3.269	21.200	0.11	0.000	
14	45171	0	1.79	-0.972	21.200	0.11	0.000	
15	44272	0	1.79	-5.217	21.200	0.11	0.000	
16	43346	0	1.79	-9.492	21.200	0.11	0.000	

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	*[kg]*	*[m]*	*[°]*	*[°]*	*[kg/cmq]*	*[kg/cmq]*	*[kg]*
17	41866	0	1.79	-13.821	21.200	0.11	0.000	
18	39806	0	1.79	-18.233	21.200	0.11	0.000	
19	37124	0	1.79	-22.761	21.200	0.11	0.000	
20	33762	0	1.79	-27.445	21.200	0.11	0.000	
21	29635	0	1.79	-32.339	21.200	0.11	0.000	
22	24619	0	1.79	-37.518	21.200	0.11	0.000	
23	18533	0	1.79	-43.090	21.200	0.11	0.000	
24	11997	0	1.79	-49.236	20.100	0.19	0.000	
25	4297	0	-24.24 - 1.79	-56.163	20.100	0.19	0.000	

Resistenza al taglio pali 95051 [kg]

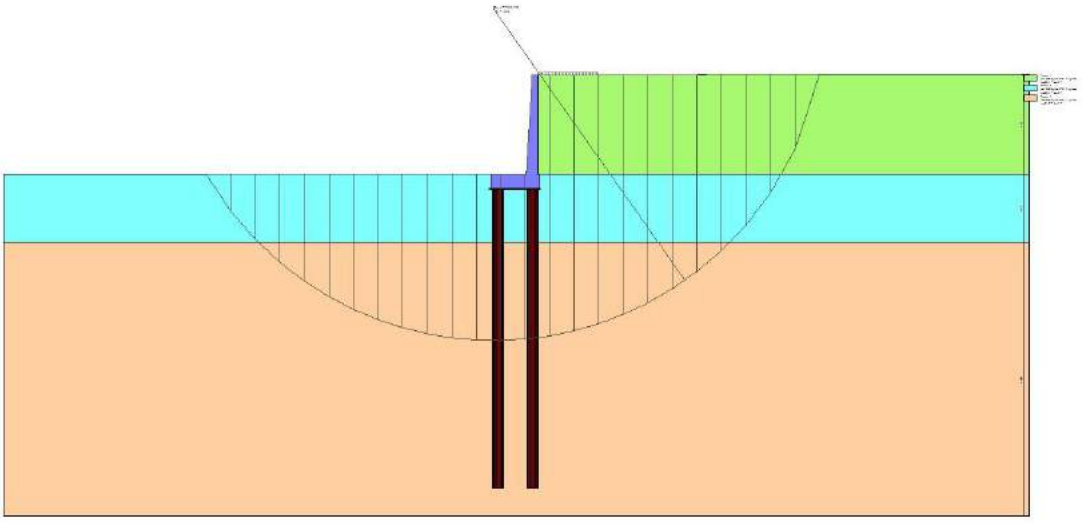

Fig. 43 - Stabilità fronte di scavo - Cerchio critico (Combinazione n° 6)

Sollecitazioni

Elementi calcolati a trave

Simbologia adottata

N Sforzo normale, espresso in [kg]. Positivo se di compressione.

T Taglio, espresso in [kg]. Positivo se diretto da monte verso valle

M Momento, espresso in [kgm]. Positivo se tende le fibre contro terra (a monte)

Elementi calcolati a piastra

Simbologia adottata

Mx, My Momenti flettenti, espresso in [kgm]

Mxy Momento torcente, espresso in [kgm]. Positivo se diretto da monte verso valle

Tx, Ty Tagli, espresso in [kg]. Positivo se tende le fibre contro terra (a monte)

I momenti flettenti sono positivi se tendono le fibre inferiori (intradosso fondazione, paramento esterno)

Paramento

n°	X	N_{min}	N_{max}	T_{min}	T_{max}	M_{min}	M_{max}
	[m]	*[kg]*	*[kg]*	*[kg]*	*[kg]*	*[kgm]*	*[kgm]*
1	0.00	0	0	0	0	0	0
2	-0.35	357	357	0	134	-2	20
3	-0.70	732	732	0	333	-8	93
4	-1.04	1126	1126	0	597	-18	243
5	-1.39	1538	1538	0	926	-32	492
6	-1.74	1969	1969	0	1320	-50	862
7	-2.09	2418	2418	0	1779	-74	1375
8	-2.43	2886	2886	0	2302	-102	2055
9	-2.78	3372	3372	4	2894	-135	2922
10	-3.13	3877	3877	66	3609	-164	4010
11	-3.48	4400	4400	219	4480	-161	5367
12	-3.82	4942	4942	463	5508	-95	7049
13	-4.17	5502	5502	799	6691	66	9109
14	-4.52	6080	6080	1226	8031	354	11602
15	-4.87	6677	6677	1745	9528	800	14582
16	-5.21	7293	7293	2356	11181	1436	18103
17	-5.56	7927	7927	3059	12991	2294	22218
18	-5.91	8579	8579	3853	14958	3405	26984
19	-6.26	9250	9250	4729	17071	4800	32452
20	-6.60	9940	9940	5650	19293	6501	38668
21	-6.95	10648	10648	6639	21649	8525	45670
22	-7.30	11374	11374	7720	24161	10901	53511

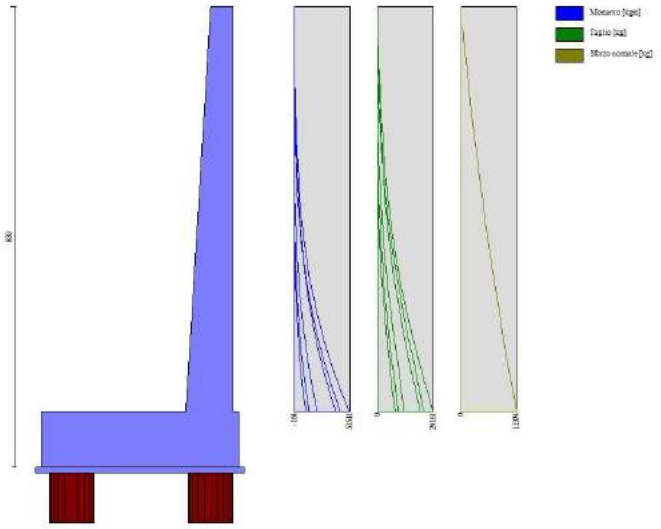

Fig. 44 - Paramento

Piastra fondazione

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*	
1	51	1817	-1033	-11353	25704	MAX
	13	616	-3091	-32683	9240	MIN
2	-3086	-4283	-1905	-15371	7561	MAX
	-9406	-12669	-5661	-44368	2905	MIN
3	1726	-4724	-2997	9165	5043	MAX
	690	-13742	-8947	2717	2333	MIN
4	611	-1997	-458	5525	25528	MAX
	227	-5561	-1460	1672	9643	MIN
5	-8553	-2061	-4750	-14854	1674	MAX
	-25960	-6028	-14084	-43158	547	MIN
6	-7656	-11166	-6795	1982	-2982	MAX
	-23510	-32901	-20203	125	-10116	MIN
7	-653	-8165	-1714	36732	-3252	MAX
	-2111	-23060	-5221	12080	-13909	MIN
8	2337	-4858	-832	18827	5162	MAX
	794	-13117	-2645	6186	2211	MIN
9	-2548	-14386	-15950	137636	-13727	MAX
	-7947	-41579	-47102	45246	-44478	MIN
10	-8080	27176	139	-1522	-11442	MAX
	-24842	9213	34	-5158	-33483	MIN
11	-712	93544	52	-2886	3847	MAX
	-3328	31738	-106	-8922	-985	MIN
12	-22512	-28257	-1794	4689	-59812	MAX
	-68887	-84070	-5503	1593	-179361	MIN
13	-3060	-8177	-2229	44764	-14569	MAX
	-9131	-21199	-6733	14987	-49580	MIN
14	112	-5036	-641	21920	-11020	MAX
	38	-11806	-2144	7332	-40737	MIN
15	-4754	-12039	-3957	43873	-29943	MAX
	-14561	-32744	-11811	14808	-94980	MIN
16	-10257	-40615	-396	-2477	-88223	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*	
	-30588	-116188	-1419	-7893	-269365	MIN
17	-5004	-2561	13139	29425	4075	MAX
	-15539	-7522	4484	10625	1488	MIN
18	-6041	-12041	18045	-4301	-2259	MAX
	-18644	-35420	6159	-14498	-8363	MIN
19	-599	-11556	38574	-42809	-9146	MAX
	-1926	-33075	13202	-130539	-31097	MIN
20	-3770	-8594	7312	-18086	-23390	MAX
	-11269	-22589	2599	-54527	-75575	MIN
21	-727	876	-1628	14990	-23786	MAX
	-2173	-2139	-5000	5173	-78550	MIN
22	-48	3752	-1318	12351	-24543	MAX
	-158	-756	-4181	4220	-82542	MIN
23	-2005	-4841	-2485	11808	-34521	MAX
	-5825	-10454	-7531	4190	-110275	MIN
24	-3631	-9463	-1001	-1932	-39638	MAX
	-10375	-22095	-3153	-6517	-125469	MIN
25	-1469	-2198	1111	-8119	-31306	MAX
	-3577	-5225	386	-24918	-101081	MIN
26	9015	-2591	3865	28617	7534	MAX
	3156	-7662	1342	10399	2918	MIN
27	10786	-2613	6996	-4693	5396	MAX
	3698	-7415	2414	-15579	2470	MIN
28	3113	-4837	2758	-12202	-1944	MAX
	1008	-13125	1002	-37424	-9805	MIN
29	-1266	-4548	2421	-16754	-10246	MAX
	-3124	-10421	905	-50669	-36534	MIN
30	3410	6870	-312	-8679	-17773	MAX
	749	433	-1105	-26461	-60869	MIN
31	402	25459	-1372	1269	-26726	MAX
	63	5637	-4203	637	-88435	MIN
32	516	26354	-1250	1089	-30930	MAX
	192	6054	-3964	526	-102090	MIN
33	346	23312	-1571	72	-28551	MAX
	-103	4872	-4739	-1010	-94045	MIN
34	1479	22434	-1214	-1987	-29806	MAX
	113	4575	-3632	-7095	-98121	MIN
35	5017	25097	-891	-3951	-26742	MAX
	1121	5487	-2690	-12708	-89291	MIN
36	9707	28971	-807	-3972	-21561	MAX
	2559	6809	-2463	-12514	-74032	MIN
37	19486	1537	982	5884	5661	MAX
	6575	516	356	2237	2270	MIN
38	9856	-1193	307	-1989	4698	MAX
	3265	-3185	99	-6716	2175	MIN
39	7899	-2249	221	-4335	-307	MAX
	2524	-5419	9	-13508	-4979	MIN
40	6815	-748	-472	-4801	-6682	MAX
	2005	-2352	-1527	-14777	-25935	MIN
41	8256	10310	-609	-3696	-13377	MAX
	2272	1589	-1909	-11463	-47817	MIN
42	12777	30641	-762	-1601	-17924	MAX
	3499	7377	-2315	-5234	-63242	MIN
43	2991	55857	-825	-1510	-26344	MAX
	803	14657	-2262	-5994	-88446	MIN
44	498	51418	-1084	-1070	-29673	MAX
	141	13460	-3342	-4213	-97358	MIN
45	6167	54856	-1058	-1864	-26546	MAX
	1624	14337	-2882	-7394	-89929	MIN

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
46	10152	54509	-1006	-1865	-26452	MAX
	2675	14194	-2754	-7055	-90158	MIN
47	13828	54718	-989	-1944	-24768	MAX
	3690	14240	-2818	-6862	-85437	MIN
48	16810	55001	-926	-1530	-22098	MAX
	4554	14321	-2719	-5253	-77571	MIN
49	18564	54867	-732	-383	-20021	MAX
	5062	14267	-2185	-1569	-71365	MIN
50	19691	1475	-734	-6300	5564	MAX
	6606	496	-2195	-18828	2240	MIN
51	10195	-1167	-766	295	4608	MAX
	3342	-3110	-2305	102	2140	MIN
52	8208	-2194	-1114	9421	-296	MAX
	2587	-5257	-3344	3194	-4977	MIN
53	7079	-623	-735	11951	-6585	MAX
	2048	-2208	-2217	4079	-25685	MIN
54	8467	10395	-702	9622	-13171	MAX
	2293	1613	-2106	3325	-47228	MIN
55	12909	30465	-559	4770	-17595	MAX
	3493	7309	-1683	1701	-62254	MIN
56	18602	54297	-483	2802	-19566	MAX
	5032	14067	-1456	1024	-69944	MIN
57	6555	82769	1840	-2643	-25868	MAX
	1793	22599	306	-9801	-88390	MIN
58	-302	80352	3007	-2695	-23843	MAX
	-966	21817	673	-9831	-77950	MIN
59	15679	84066	625	-2059	-26049	MAX
	4279	22885	-88	-7959	-90460	MIN
60	20360	84188	-549	-1179	-25430	MAX
	5552	22809	-1101	-4856	-89240	MIN
61	23085	83349	-794	-614	-23835	MAX
	6278	22445	-2100	-2697	-84715	MIN
62	24595	82104	-812	-186	-21888	MAX
	6681	21984	-2314	-1066	-78892	MIN
63	25219	80779	-658	526	-20367	MAX
	6836	21521	-1938	271	-74257	MIN
64	25043	79671	-432	1991	-19810	MAX
	6749	21144	-1302	715	-72472	MIN
65	10226	-2442	-1710	-14159	7306	MAX
	3459	-7227	-5054	-41171	2850	MIN
66	11625	-2520	-2962	9088	5160	MAX
	3872	-7144	-8761	2789	2381	MIN
67	4146	-4646	-1968	33018	-1890	MAX
	1238	-12561	-5816	10941	-9754	MIN
68	-885	-4328	-2031	47028	-9951	MAX
	-2196	-9750	-5945	15756	-35786	MIN
69	3977	7138	-999	24168	-17152	MAX
	785	509	-2917	8170	-59121	MIN
70	10279	28545	-536	11176	-20578	MAX
	2590	6642	-1591	3813	-71107	MIN
71	17160	53346	-304	5419	-20736	MAX
	4528	13737	-929	1864	-73349	MIN
72	24269	78838	-263	2750	-20176	MAX
	6478	20865	-818	941	-73444	MIN
73	34661	115538	6122	0	-25656	MAX
	9614	32047	1465	0	-88474	MIN
74	34972	116573	13702	0	-20397	MAX
	9664	32215	3534	0	-66605	MIN
75	34970	116568	2061	0	-26010	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
	9640	32132	354	0	-91370	MIN
76	34589	115296	-17	0	-25186	MAX
	9467	31558	-226	0	-89575	MIN
77	33754	112515	-544	0	-23500	MAX
	9161	30536	-1349	0	-84730	MIN
78	32794	109314	-604	0	-21658	MAX
	8830	29432	-1686	0	-79167	MIN
79	31962	106539	-503	0	-20245	MAX
	8550	28501	-1469	0	-74810	MIN
80	31425	104751	-341	0	-19646	MAX
	8374	27913	-1026	0	-72874	MIN
81	31181	103935	-214	0	-19804	MAX
	8297	27656	-666	0	-73209	MIN
82	-4628	-2730	-4719	-14269	3788	MAX
	-13970	-8037	-13942	-41505	1420	MIN
83	-5221	-11625	-6640	8507	-2273	MAX
	-15727	-34200	-19634	2516	-8526	MIN
84	96	-11143	-13597	123361	-9057	MAX
	-260	-31861	-39994	40604	-31039	MIN
85	-3684	-8230	-3732	51459	-22789	MAX
	-10329	-21486	-10904	17266	-74052	MIN
86	-1175	-1540	-1792	21425	-30202	MAX
	-2416	-4428	-5253	7228	-98039	MIN
87	6553	24563	-540	9524	-25231	MAX
	1334	5271	-1622	3232	-84899	MIN
88	15300	52124	-276	4687	-22491	MAX
	3895	13316	-863	1593	-78495	MIN
89	23349	78137	-220	2412	-20867	MAX
	6165	20634	-704	810	-75396	MIN
90	31063	103545	-177	0	-20238	MAX
	8263	27544	-565	0	-74387	MIN
91	31063	103545	-177	0	-20238	MAX
	8263	27544	-565	0	-74387	MIN
92	31063	103545	-177	0	-20238	MAX
	8263	27544	-565	0	-74387	MIN
93	31063	103545	-177	0	-20238	MAX
	8263	27544	-565	0	-74387	MIN
94	31063	103545	-177	0	-20238	MAX
	8263	27544	-565	0	-74387	MIN
95	31063	103545	-177	0	-20238	MAX
	8263	27544	-565	0	-74387	MIN
96	31063	103545	-177	0	-20238	MAX
	8263	27544	-565	0	-74387	MIN
97	31063	103545	-177	0	-20238	MAX
	8263	27544	-565	0	-74387	MIN
98	31063	103545	-177	0	-20238	MAX
	8263	27544	-565	0	-74387	MIN
99	31063	103545	-177	0	-20238	MAX
	8263	27544	-565	0	-74387	MIN
100	31063	103545	-177	0	-20238	MAX
	8263	27544	-565	0	-74387	MIN
101	-6280	27722	-136	-1165	-11226	MAX
	-19018	9402	-442	-3943	-32879	MIN
102	1012	89283	-228	-401	2745	MAX
	47	30297	-733	-1456	-2062	MIN
103	-21861	-27519	-356	-77	-58518	MAX
	-66239	-81854	-1141	-400	-175885	MIN
104	-10831	-39062	-407	209	-86447	MAX
	-31365	-111613	-1299	111	-264462	MIN

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
105	-3508	-9063	-412	598	-38875	MAX
	-8805	-20855	-1310	231	-123653	MIN
106	4646	21806	-381	958	-27736	MAX
	687	4327	-1213	340	-92300	MIN
107	14302	51188	-327	1261	-23254	MAX
	3556	13001	-1041	426	-80690	MIN
108	22798	77454	-279	1232	-21109	MAX
	5980	20415	-891	403	-76031	MIN
109	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
110	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
111	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
112	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
113	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
114	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
115	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
116	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
117	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
118	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
119	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
120	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
121	30876	102921	-213	0	-20363	MAX
	8207	27356	-681	0	-74666	MIN
122	-4721	-2730	13060	33569	3835	MAX
	-14144	-8034	4446	11922	1436	MIN
123	-5313	-11628	18175	-3342	-2239	MAX
	-15901	-34205	6185	-11491	-8420	MIN
124	-37	-11158	37720	-40786	-8979	MAX
	-432	-31901	12886	-124255	-30792	MIN
125	-3798	-8280	8312	-17077	-22651	MAX
	-10579	-21628	2918	-51153	-73612	MIN
126	-1326	-1795	2632	-6801	-29998	MAX
	-2729	-4684	966	-20346	-97376	MIN
127	6174	23959	-228	-2581	-24968	MAX
	1189	5073	-814	-7711	-84024	MIN
128	14856	51162	-386	-758	-22184	MAX
	3737	13006	-1236	-2237	-77453	MIN
129	22843	76758	-347	63	-20538	MAX
	5996	20197	-1099	-7	-74259	MIN
130	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
131	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
132	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
133	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
134	30530	101765	-258	0	-19904	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
	8098	26992	-816	0	-73222	MIN
135	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
136	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
137	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
138	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
139	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
140	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
141	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
142	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
143	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
144	30530	101765	-258	0	-19904	MAX
	8098	26992	-816	0	-73222	MIN
145	9929	-2442	4182	33111	7385	MAX
	3289	-7224	1440	11771	2876	MIN
146	11342	-2522	7322	-3682	5348	MAX
	3707	-7145	2513	-12282	2471	MIN
147	3818	-4668	3574	-11213	-1741	MAX
	1059	-12616	1264	-34199	-9288	MIN
148	-1104	-4415	3376	-15673	-9678	MAX
	-2632	-9997	1220	-47070	-34919	MIN
149	3410	6529	301	-7849	-16737	MAX
	541	302	46	-23454	-57782	MIN
150	9574	27377	-248	-3253	-20031	MAX
	2314	6256	-873	-9694	-69306	MIN
151	16313	51442	-380	-1088	-20090	MAX
	4220	13121	-1218	-3209	-71173	MIN
152	23275	76069	-330	-156	-19477	MAX
	6142	19984	-1044	-414	-71040	MIN
153	30094	100314	-242	0	-19090	MAX
	7959	26529	-765	0	-70734	MIN
154	30094	100314	-242	0	-19090	MAX
	7959	26529	-765	0	-70734	MIN
155	30094	100314	-242	0	-19090	MAX
	7959	26529	-765	0	-70734	MIN
156	30094	100314	-242	0	-19090	MAX
	7959	26529	-765	0	-70734	MIN
157	-27	-91	16	0	-835	MAX
	-34	-113	13	0	-1043	MIN
158	-24	-78	-14	0	-791	MAX
	-29	-98	-18	0	-988	MIN
159	-23	-76	5	0	-774	MAX
	-29	-95	4	0	-966	MIN
160	-24	-80	0	0	-798	MAX
	-30	-100	0	0	-996	MIN
161	-24	-79	0	0	-794	MAX
	-30	-99	0	0	-991	MIN
162	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
163	-24	-79	0	0	-794	MAX
	-30	-99	0	0	-992	MIN

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
164	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
165	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
166	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
167	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
168	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
169	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
170	19383	1496	1340	10661	5640	MAX
	6394	502	469	3874	2266	MIN
171	9935	-1160	917	-1102	4826	MAX
	3145	-3084	331	-3750	2248	MIN
172	7881	-2207	1167	-3624	-92	MAX
	2370	-5282	428	-11094	-4352	MIN
173	6588	-848	-64	-4187	-6182	MAX
	1782	-2419	-300	-12608	-24425	MIN
174	7775	9596	-136	-3198	-12531	MAX
	1970	1340	-511	-9563	-45193	MIN
175	12002	28818	-248	-1316	-16729	MAX
	3116	6762	-822	-3913	-59436	MIN
176	17453	51498	-236	-372	-18517	MAX
	4599	13156	-763	-1076	-66453	MIN
177	23616	75496	-201	109	-18652	MAX
	6258	19807	-643	21	-68538	MIN
178	29750	99167	-147	0	-18454	MAX
	7849	26164	-471	0	-68789	MIN
179	29750	99167	-147	0	-18454	MAX
	7849	26164	-471	0	-68789	MIN
180	29750	99167	-147	0	-18454	MAX
	7849	26164	-471	0	-68789	MIN
181	29750	99167	-147	0	-18454	MAX
	7849	26164	-471	0	-68789	MIN
182	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
183	5	3	-5	13	-787	MAX
	4	3	-6	11	-983	MIN
184	28	0	15	22	-835	MAX
	22	0	12	17	-1043	MIN
185	-5	-1	5	-1	-774	MAX
	-6	-1	4	-1	-966	MIN
186	3	1	0	-3	-798	MAX
	3	1	0	-3	-996	MIN
187	0	0	0	1	-794	MAX
	0	0	0	0	-991	MIN
188	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
189	0	0	0	0	-794	MAX
	0	0	0	0	-992	MIN
190	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
191	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
192	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
193	0	0	0	0	-795	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
	0	0	0	0	-992	MIN
194	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
195	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
196	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
197	19272	1495	-593	-4834	5661	MAX
	6352	501	-1751	-13971	2273	MIN
198	9819	-1164	-542	2761	4863	MAX
	3102	-3094	-1609	842	2265	MIN
199	7763	-2218	-757	11115	-71	MAX
	2327	-5311	-2245	3669	-4283	MIN
200	6469	-899	-308	13211	-6153	MAX
	1739	-2471	-916	4408	-24327	MIN
201	7654	9482	-230	10499	-12496	MAX
	1928	1303	-686	3517	-45071	MIN
202	11881	28647	-79	5100	-16690	MAX
	3075	6708	-251	1707	-59297	MIN
203	17332	51265	-33	2411	-18477	MAX
	4559	13083	-121	800	-66308	MIN
204	23498	75200	-20	1058	-18615	MAX
	6220	19717	-84	344	-68395	MIN
205	29647	98822	-19	0	-18418	MAX
	7818	26061	-76	0	-68650	MIN
206	29647	98822	-19	0	-18418	MAX
	7818	26061	-76	0	-68650	MIN
207	29647	98822	-19	0	-18418	MAX
	7818	26061	-76	0	-68650	MIN
208	29647	98822	-19	0	-18418	MAX
	7818	26061	-76	0	-68650	MIN
209	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
210	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
211	9607	-2443	-1567	-12767	7447	MAX
	3168	-7227	-4599	-36535	2896	MIN
212	11004	-2532	-2727	11215	5459	MAX
	3581	-7174	-8023	3398	2523	MIN
213	3474	-4697	-1599	34154	-1678	MAX
	932	-12703	-4666	11240	-9081	MIN
214	-1267	-4479	-1599	47614	-9589	MAX
	-2983	-10191	-4609	15878	-34624	MIN
215	3053	6191	-542	24343	-16628	MAX
	416	193	-1516	8157	-57408	MIN
216	9212	26866	-77	10853	-19910	MAX
	2191	6094	-225	3638	-68876	MIN
217	15951	50739	306	4540	-19966	MAX
	4101	12902	101	1518	-70720	MIN
218	22920	75170	288	1595	-19359	MAX
	6029	19709	100	529	-70591	MIN
219	29778	99261	195	0	-18976	MAX
	7864	26214	69	0	-70293	MIN
220	29778	99261	195	0	-18976	MAX
	7864	26214	69	0	-70293	MIN
221	29778	99261	195	0	-18976	MAX
	7864	26214	69	0	-70293	MIN
222	29778	99261	195	0	-18976	MAX
	7864	26214	69	0	-70293	MIN

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
223	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
224	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
225	-4913	-2732	-4577	-12989	3935	MAX
	-14648	-8038	-13489	-37209	1468	MIN
226	-5514	-11643	-6406	10268	-2182	MAX
	-16429	-34248	-18891	3011	-8239	MIN
227	-382	-11204	-13230	124072	-8873	MAX
	-930	-32035	-38836	40773	-30449	MIN
228	-4002	-8382	-3309	51572	-22501	MAX
	-11136	-21937	-9576	17247	-73110	MIN
229	-1592	-2219	-1357	21129	-29809	MAX
	-3305	-5113	-3891	7081	-96728	MIN
230	5582	23115	-126	8801	-24751	MAX
	985	4804	-333	2952	-83266	MIN
231	14255	49984	271	3550	-21959	MAX
	3537	12638	87	1189	-76639	MIN
232	22244	75233	288	1183	-20319	MAX
	5805	19728	97	394	-73440	MIN
233	29987	99958	201	0	-19691	MAX
	7935	26448	68	0	-72412	MIN
234	29987	99958	201	0	-19691	MAX
	7935	26448	68	0	-72412	MIN
235	29987	99958	201	0	-19691	MAX
	7935	26448	68	0	-72412	MIN
236	29987	99958	201	0	-19691	MAX
	7935	26448	68	0	-72412	MIN
237	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
238	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
239	-6530	27717	0	0	-11184	MAX
	-19649	9400	0	0	-32749	MIN
240	473	89233	0	0	2934	MAX
	-431	30279	0	0	-1873	MIN
241	-22125	-27577	0	0	-58372	MAX
	-66919	-82020	0	0	-175411	MIN
242	-11101	-39196	0	0	-86230	MAX
	-32083	-112013	0	0	-263744	MIN
243	-3785	-9303	0	0	-38592	MAX
	-9566	-21590	0	0	-122696	MIN
244	3845	20644	0	0	-27403	MAX
	407	3955	0	0	-91149	MIN
245	13470	49530	0	0	-22897	MAX
	3276	12480	0	0	-79423	MIN
246	21948	75264	0	0	-20753	MAX
	5706	19738	0	0	-74730	MIN
247	30084	100279	0	0	-20012	MAX
	7967	26556	0	0	-73366	MIN
248	30084	100279	0	0	-20012	MAX
	7967	26556	0	0	-73366	MIN
249	30084	100279	0	0	-20012	MAX
	7967	26556	0	0	-73366	MIN
250	30084	100279	0	0	-20012	MAX
	7967	26556	0	0	-73366	MIN
251	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
252	0	0	0	0	-795	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
	0	0	0	0	-992	MIN
253	-4913	-2732	13489	37209	3935	MAX
	-14648	-8038	4577	12989	1468	MIN
254	-5514	-11643	18891	-3011	-2182	MAX
	-16429	-34248	6406	-10268	-8239	MIN
255	-382	-11204	38836	-40773	-8873	MAX
	-930	-32035	13230	-124072	-30449	MIN
256	-4002	-8382	9576	-17247	-22501	MAX
	-11136	-21937	3309	-51572	-73110	MIN
257	-1592	-2219	3891	-7081	-29809	MAX
	-3305	-5113	1357	-21129	-96728	MIN
258	5582	23115	333	-2952	-24751	MAX
	985	4804	126	-8801	-83266	MIN
259	14255	49984	-87	-1189	-21959	MAX
	3537	12638	-271	-3550	-76639	MIN
260	22244	75233	-97	-394	-20319	MAX
	5805	19728	-288	-1183	-73440	MIN
261	29987	99958	-68	0	-19691	MAX
	7935	26448	-201	0	-72412	MIN
262	29987	99958	-68	0	-19691	MAX
	7935	26448	-201	0	-72412	MIN
263	29987	99958	-68	0	-19691	MAX
	7935	26448	-201	0	-72412	MIN
264	29987	99958	-68	0	-19691	MAX
	7935	26448	-201	0	-72412	MIN
265	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
266	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
267	9607	-2443	4599	36535	7447	MAX
	3168	-7227	1567	12767	2896	MIN
268	11004	-2532	8023	-3398	5459	MAX
	3581	-7174	2727	-11215	2523	MIN
269	3474	-4697	4666	-11240	-1678	MAX
	932	-12703	1599	-34154	-9081	MIN
270	-1267	-4479	4609	-15878	-9589	MAX
	-2983	-10191	1599	-47614	-34624	MIN
271	3053	6191	1516	-8157	-16628	MAX
	416	193	542	-24343	-57408	MIN
272	9212	26866	225	-3638	-19910	MAX
	2191	6094	77	-10853	-68876	MIN
273	15951	50739	-101	-1518	-19966	MAX
	4101	12902	-306	-4540	-70720	MIN
274	22920	75170	-100	-529	-19359	MAX
	6029	19709	-288	-1595	-70591	MIN
275	29778	99261	-69	0	-18976	MAX
	7864	26214	-195	0	-70293	MIN
276	29778	99261	-69	0	-18976	MAX
	7864	26214	-195	0	-70293	MIN
277	29778	99261	-69	0	-18976	MAX
	7864	26214	-195	0	-70293	MIN
278	29778	99261	-69	0	-18976	MAX
	7864	26214	-195	0	-70293	MIN
279	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
280	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
281	19272	1495	1751	13971	5661	MAX
	6352	501	593	4834	2273	MIN

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
282	9819	-1164	1609	-842	4863	MAX
	3102	-3094	542	-2761	2265	MIN
283	7763	-2218	2245	-3669	-71	MAX
	2327	-5311	757	-11115	-4283	MIN
284	6469	-899	916	-4408	-6153	MAX
	1739	-2471	308	-13211	-24327	MIN
285	7654	9482	686	-3517	-12496	MAX
	1928	1303	230	-10499	-45071	MIN
286	11881	28647	251	-1707	-16690	MAX
	3075	6708	79	-5100	-59297	MIN
287	17332	51265	121	-800	-18477	MAX
	4559	13083	33	-2411	-66308	MIN
288	23498	75200	84	-344	-18615	MAX
	6220	19717	20	-1058	-68395	MIN
289	29647	98822	76	0	-18418	MAX
	7818	26061	19	0	-68650	MIN
290	29647	98822	76	0	-18418	MAX
	7818	26061	19	0	-68650	MIN
291	29647	98822	76	0	-18418	MAX
	7818	26061	19	0	-68650	MIN
292	29647	98822	76	0	-18418	MAX
	7818	26061	19	0	-68650	MIN
293	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
294	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
295	19383	1496	-469	-3874	5640	MAX
	6394	502	-1340	-10661	2266	MIN
296	9935	-1160	-331	3750	4826	MAX
	3145	-3084	-917	1102	2248	MIN
297	7881	-2207	-428	11094	-92	MAX
	2370	-5282	-1167	3624	-4352	MIN
298	6588	-848	300	12608	-6182	MAX
	1782	-2419	64	4187	-24425	MIN
299	7775	9596	511	9563	-12531	MAX
	1970	1340	136	3198	-45193	MIN
300	12002	28818	822	3913	-16729	MAX
	3116	6762	248	1316	-59436	MIN
301	17453	51498	763	1076	-18517	MAX
	4599	13156	236	372	-66453	MIN
302	23616	75496	643	-21	-18652	MAX
	6258	19807	201	-109	-68538	MIN
303	29750	99167	471	0	-18454	MAX
	7849	26164	147	0	-68789	MIN
304	29750	99167	471	0	-18454	MAX
	7849	26164	147	0	-68789	MIN
305	29750	99167	471	0	-18454	MAX
	7849	26164	147	0	-68789	MIN
306	29750	99167	471	0	-18454	MAX
	7849	26164	147	0	-68789	MIN
307	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
308	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
309	9929	-2442	-1440	-11771	7385	MAX
	3289	-7224	-4182	-33111	2876	MIN
310	11342	-2522	-2513	12282	5348	MAX
	3707	-7145	-7322	3682	2471	MIN
311	3818	-4668	-1264	34199	-1741	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
	1059	-12616	-3574	11213	-9288	MIN
312	-1104	-4415	-1220	47070	-9678	MAX
	-2632	-9997	-3376	15673	-34919	MIN
313	3410	6529	-46	23454	-16737	MAX
	541	302	-301	7849	-57782	MIN
314	9574	27377	873	9694	-20031	MAX
	2314	6256	248	3253	-69306	MIN
315	16313	51442	1218	3209	-20090	MAX
	4220	13121	380	1088	-71173	MIN
316	23275	76069	1044	414	-19477	MAX
	6142	19984	330	156	-71040	MIN
317	30094	100314	765	0	-19090	MAX
	7959	26529	242	0	-70734	MIN
318	30094	100314	765	0	-19090	MAX
	7959	26529	242	0	-70734	MIN
319	30094	100314	765	0	-19090	MAX
	7959	26529	242	0	-70734	MIN
320	30094	100314	765	0	-19090	MAX
	7959	26529	242	0	-70734	MIN
321	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
322	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
323	-4721	-2730	-4446	-11922	3835	MAX
	-14144	-8034	-13060	-33569	1436	MIN
324	-5313	-11628	-6185	11491	-2239	MAX
	-15901	-34205	-18175	3342	-8420	MIN
325	-37	-11158	-12886	124255	-8979	MAX
	-432	-31901	-37720	40786	-30792	MIN
326	-3798	-8280	-2918	51153	-22651	MAX
	-10579	-21628	-8312	17077	-73612	MIN
327	-1326	-1795	-966	20346	-29998	MAX
	-2729	-4684	-2632	6801	-97376	MIN
328	6174	23959	814	7711	-24968	MAX
	1189	5073	228	2581	-84024	MIN
329	14856	51162	1236	2237	-22184	MAX
	3737	13006	386	758	-77453	MIN
330	22843	76758	1099	7	-20538	MAX
	5996	20197	347	-63	-74259	MIN
331	30530	101765	816	0	-19904	MAX
	8098	26992	258	0	-73222	MIN
332	30530	101765	816	0	-19904	MAX
	8098	26992	258	0	-73222	MIN
333	30530	101765	816	0	-19904	MAX
	8098	26992	258	0	-73222	MIN
334	30530	101765	816	0	-19904	MAX
	8098	26992	258	0	-73222	MIN
335	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
336	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
337	-6280	27722	442	3943	-11226	MAX
	-19018	9402	136	1165	-32879	MIN
338	1012	89283	733	1456	2745	MAX
	47	30297	228	401	-2062	MIN
339	-21861	-27519	1141	400	-58518	MAX
	-66239	-81854	356	77	-175885	MIN
340	-10831	-39062	1299	-111	-86447	MAX
	-31365	-111613	407	-209	-264462	MIN

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
341	-3508	-9063	1310	-231	-38875	MAX
	-8805	-20855	412	-598	-123653	MIN
342	4646	21806	1213	-340	-27736	MAX
	687	4327	381	-958	-92300	MIN
343	14302	51188	1041	-426	-23254	MAX
	3556	13001	327	-1261	-80690	MIN
344	22798	77454	891	-403	-21109	MAX
	5980	20415	279	-1232	-76031	MIN
345	30876	102921	681	0	-20363	MAX
	8207	27356	213	0	-74666	MIN
346	30876	102921	681	0	-20363	MAX
	8207	27356	213	0	-74666	MIN
347	30876	102921	681	0	-20363	MAX
	8207	27356	213	0	-74666	MIN
348	30876	102921	681	0	-20363	MAX
	8207	27356	213	0	-74666	MIN
349	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
350	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
351	-4628	-2730	13942	41505	3788	MAX
	-13970	-8037	4719	14269	1420	MIN
352	-5221	-11625	19634	-2516	-2273	MAX
	-15727	-34200	6640	-8507	-8526	MIN
353	96	-11143	39994	-40604	-9057	MAX
	-260	-31861	13597	-123361	-31039	MIN
354	-3684	-8230	10904	-17266	-22789	MAX
	-10329	-21486	3732	-51459	-74052	MIN
355	-1175	-1540	5253	-7228	-30202	MAX
	-2416	-4428	1792	-21425	-98039	MIN
356	6553	24563	1622	-3232	-25231	MAX
	1334	5271	540	-9524	-84899	MIN
357	15300	52124	863	-1593	-22491	MAX
	3895	13316	276	-4687	-78495	MIN
358	23349	78137	704	-810	-20867	MAX
	6165	20634	220	-2412	-75396	MIN
359	31063	103545	565	0	-20238	MAX
	8263	27544	177	0	-74387	MIN
360	31063	103545	565	0	-20238	MAX
	8263	27544	177	0	-74387	MIN
361	31063	103545	565	0	-20238	MAX
	8263	27544	177	0	-74387	MIN
362	31063	103545	565	0	-20238	MAX
	8263	27544	177	0	-74387	MIN
363	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
364	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
365	10226	-2442	5054	41171	7306	MAX
	3459	-7227	1710	14159	2850	MIN
366	11625	-2520	8761	-2789	5160	MAX
	3872	-7144	2962	-9088	2381	MIN
367	4146	-4646	5816	-10941	-1890	MAX
	1238	-12561	1968	-33018	-9754	MIN
368	-885	-4328	5945	-15756	-9951	MAX
	-2196	-9750	2031	-47028	-35786	MIN
369	3977	7138	2917	-8170	-17152	MAX
	785	509	999	-24168	-59121	MIN
370	10279	28545	1591	-3813	-20578	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
	2590	6642	536	-11176	-71107	MIN
371	17160	53346	929	-1864	-20736	MAX
	4528	13737	304	-5419	-73349	MIN
372	24269	78838	818	-941	-20176	MAX
	6478	20865	263	-2750	-73444	MIN
373	31181	103935	666	0	-19804	MAX
	8297	27656	214	0	-73209	MIN
374	31181	103935	666	0	-19804	MAX
	8297	27656	214	0	-73209	MIN
375	31181	103935	666	0	-19804	MAX
	8297	27656	214	0	-73209	MIN
376	31181	103935	666	0	-19804	MAX
	8297	27656	214	0	-73209	MIN
377	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
378	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
379	19691	1475	2195	18828	5564	MAX
	6606	496	734	6300	2240	MIN
380	10195	-1167	2305	-102	4608	MAX
	3342	-3110	766	-295	2140	MIN
381	8208	-2194	3344	-3194	-296	MAX
	2587	-5257	1114	-9421	-4977	MIN
382	7079	-623	2217	-4079	-6585	MAX
	2048	-2208	735	-11951	-25685	MIN
383	8467	10395	2106	-3325	-13171	MAX
	2293	1613	702	-9622	-47228	MIN
384	12909	30465	1683	-1701	-17595	MAX
	3493	7309	559	-4770	-62254	MIN
385	18602	54297	1456	-1024	-19566	MAX
	5032	14067	483	-2802	-69944	MIN
386	25043	79671	1302	-715	-19810	MAX
	6749	21144	432	-1991	-72472	MIN
387	31425	104751	1026	0	-19646	MAX
	8374	27913	341	0	-72874	MIN
388	31425	104751	1026	0	-19646	MAX
	8374	27913	341	0	-72874	MIN
389	31425	104751	1026	0	-19646	MAX
	8374	27913	341	0	-72874	MIN
390	31425	104751	1026	0	-19646	MAX
	8374	27913	341	0	-72874	MIN
391	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
392	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
393	19486	1537	-356	-2237	5661	MAX
	6575	516	-982	-5884	2270	MIN
394	9856	-1193	-99	6716	4698	MAX
	3265	-3185	-307	1989	2175	MIN
395	7899	-2249	-9	13508	-307	MAX
	2524	-5419	-221	4335	-4979	MIN
396	6815	-748	1527	14777	-6682	MAX
	2005	-2352	472	4801	-25935	MIN
397	8256	10310	1909	11463	-13377	MAX
	2272	1589	609	3696	-47817	MIN
398	12777	30641	2315	5234	-17924	MAX
	3499	7377	762	1601	-63242	MIN
399	18564	54867	2185	1569	-20021	MAX
	5062	14267	732	383	-71365	MIN

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
400	25219	80779	1938	-271	-20367	MAX
	6836	21521	658	-526	-74257	MIN
401	31962	106539	1469	0	-20245	MAX
	8550	28501	503	0	-74810	MIN
402	31962	106539	1469	0	-20245	MAX
	8550	28501	503	0	-74810	MIN
403	31962	106539	1469	0	-20245	MAX
	8550	28501	503	0	-74810	MIN
404	31962	106539	1469	0	-20245	MAX
	8550	28501	503	0	-74810	MIN
405	-24	-79	0	0	-794	MAX
	-30	-99	0	0	-992	MIN
406	0	0	0	0	-794	MAX
	0	0	0	0	-992	MIN
407	9015	-2591	-1342	-10399	7534	MAX
	3156	-7662	-3865	-28617	2918	MIN
408	10786	-2613	-2414	15579	5396	MAX
	3698	-7415	-6996	4693	2470	MIN
409	3113	-4837	-1002	37424	-1944	MAX
	1008	-13125	-2758	12202	-9805	MIN
410	-1266	-4548	-905	50669	-10246	MAX
	-3124	-10421	-2421	16754	-36534	MIN
411	3410	6870	1105	26461	-17773	MAX
	749	433	312	8679	-60869	MIN
412	9707	28971	2463	12514	-21561	MAX
	2559	6809	807	3972	-74032	MIN
413	16810	55001	2719	5253	-22098	MAX
	4554	14321	926	1530	-77571	MIN
414	24595	82104	2314	1066	-21888	MAX
	6681	21984	812	186	-78892	MIN
415	32794	109314	1686	0	-21658	MAX
	8830	29432	604	0	-79167	MIN
416	32794	109314	1686	0	-21658	MAX
	8830	29432	604	0	-79167	MIN
417	32794	109314	1686	0	-21658	MAX
	8830	29432	604	0	-79167	MIN
418	32794	109314	1686	0	-21658	MAX
	8830	29432	604	0	-79167	MIN
419	-24	-79	0	0	-795	MAX
	-30	-99	0	0	-992	MIN
420	0	0	0	0	-795	MAX
	0	0	0	0	-992	MIN
421	-5004	-2561	-4484	-10625	4075	MAX
	-15539	-7522	-13139	-29425	1488	MIN
422	-6041	-12041	-6159	14498	-2259	MAX
	-18644	-35420	-18045	4301	-8363	MIN
423	-599	-11556	-13202	130539	-9146	MAX
	-1926	-33075	-38574	42809	-31097	MIN
424	-3770	-8594	-2599	54527	-23390	MAX
	-11269	-22589	-7312	18086	-75575	MIN
425	-1469	-2198	-386	24918	-31306	MAX
	-3577	-5225	-1111	8119	-101081	MIN
426	5017	25097	2690	12708	-26742	MAX
	1121	5487	891	3951	-89291	MIN
427	13828	54718	2818	6862	-24768	MAX
	3690	14240	989	1944	-85437	MIN
428	23085	83349	2100	2697	-23835	MAX
	6278	22445	794	614	-84715	MIN
429	33754	112515	1349	0	-23500	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
	9161	30536	544	0	-84730	MIN
430	33754	112515	1349	0	-23500	MAX
	9161	30536	544	0	-84730	MIN
431	33754	112515	1349	0	-23500	MAX
	9161	30536	544	0	-84730	MIN
432	33754	112515	1349	0	-23500	MAX
	9161	30536	544	0	-84730	MIN
433	-24	-79	0	0	-794	MAX
	-30	-99	0	0	-991	MIN
434	0	0	0	0	-794	MAX
	0	0	0	-1	-991	MIN
435	-8080	27176	-34	5158	-11442	MAX
	-24842	9213	-139	1522	-33483	MIN
436	-712	93544	106	8922	3847	MAX
	-3328	31738	-52	2886	-985	MIN
437	-22512	-28257	5503	-1593	-59812	MAX
	-68887	-84070	1794	-4689	-179361	MIN
438	-10257	-40615	1419	7893	-88223	MAX
	-30588	-116188	396	2477	-269365	MIN
439	-3631	-9463	3153	6517	-39638	MAX
	-10375	-22095	1001	1932	-125469	MIN
440	1479	22434	3632	7095	-29806	MAX
	113	4575	1214	1987	-98121	MIN
441	10152	54509	2754	7055	-26452	MAX
	2675	14194	1006	1865	-90158	MIN
442	20360	84188	1101	4856	-25430	MAX
	5552	22809	549	1179	-89240	MIN
443	34589	115296	226	0	-25186	MAX
	9467	31558	17	0	-89575	MIN
444	34589	115296	226	0	-25186	MAX
	9467	31558	17	0	-89575	MIN
445	34589	115296	226	0	-25186	MAX
	9467	31558	17	0	-89575	MIN
446	34589	115296	226	0	-25186	MAX
	9467	31558	17	0	-89575	MIN
447	-24	-80	0	0	-798	MAX
	-30	-100	0	0	-996	MIN
448	3	1	0	3	-798	MAX
	3	1	0	3	-996	MIN
449	-8553	-2061	14084	43158	1674	MAX
	-25960	-6028	4750	14854	547	MIN
450	-7656	-11166	20203	-125	-2982	MAX
	-23510	-32901	6795	-1982	-10116	MIN
451	-2548	-14386	47102	-45246	-13727	MAX
	-7947	-41579	15950	-137636	-44478	MIN
452	-4754	-12039	11811	-14808	-29943	MAX
	-14561	-32744	3957	-43873	-94980	MIN
453	-2005	-4841	7531	-4190	-34521	MAX
	-5825	-10454	2485	-11808	-110275	MIN
454	346	23312	4739	1010	-28551	MAX
	-103	4872	1571	-72	-94045	MIN
455	6167	54856	2882	7394	-26546	MAX
	1624	14337	1058	1864	-89929	MIN
456	15679	84066	88	7959	-26049	MAX
	4279	22885	-625	2059	-90460	MIN
457	34970	116568	-354	0	-26010	MAX
	9640	32132	-2061	0	-91370	MIN
458	34970	116568	-354	0	-26010	MAX
	9640	32132	-2061	0	-91370	MIN

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
459	34970	116568	-354	0	-26010	MAX
	9640	32132	-2061	0	-91370	MIN
460	34970	116568	-354	0	-26010	MAX
	9640	32132	-2061	0	-91370	MIN
461	-23	-76	-4	0	-774	MAX
	-29	-95	-5	0	-966	MIN
462	-5	-1	-4	1	-774	MAX
	-6	-1	-5	1	-966	MIN
463	-3086	-4283	5661	44368	7561	MAX
	-9406	-12669	1905	15371	2905	MIN
464	1726	-4724	8947	-2717	5043	MAX
	690	-13742	2997	-9165	2333	MIN
465	-653	-8165	5221	-12080	-3252	MAX
	-2111	-23060	1714	-36732	-13909	MIN
466	-3060	-8177	6733	-14987	-14569	MAX
	-9131	-21199	2229	-44764	-49580	MIN
467	-727	876	5000	-5173	-23786	MAX
	-2173	-2139	1628	-14990	-78550	MIN
468	402	25459	4203	-637	-26726	MAX
	63	5637	1372	-1269	-88435	MIN
469	2991	55857	2262	5994	-26344	MAX
	803	14657	825	1510	-88446	MIN
470	6555	82769	-306	9801	-25868	MAX
	1793	22599	-1840	2643	-88390	MIN
471	34661	115538	-1465	0	-25656	MAX
	9614	32047	-6122	0	-88474	MIN
472	34661	115538	-1465	0	-25656	MAX
	9614	32047	-6122	0	-88474	MIN
473	34661	115538	-1465	0	-25656	MAX
	9614	32047	-6122	0	-88474	MIN
474	34661	115538	-1465	0	-25656	MAX
	9614	32047	-6122	0	-88474	MIN
475	-24	-78	18	0	-791	MAX
	-29	-98	14	0	-988	MIN
476	5	3	6	-11	-787	MAX
	4	3	5	-13	-983	MIN
477	51	1817	3091	32683	25704	MAX
	13	616	1033	11353	9240	MIN
478	611	-1997	1460	-1672	25528	MAX
	227	-5561	458	-5525	9643	MIN
479	2337	-4858	2645	-6186	5162	MAX
	794	-13117	832	-18827	2211	MIN
480	112	-5036	2144	-7332	-11020	MAX
	38	-11806	641	-21920	-40737	MIN
481	-48	3752	4181	-4220	-24543	MAX
	-158	-756	1318	-12351	-82542	MIN
482	516	26354	3964	-526	-30930	MAX
	192	6054	1250	-1089	-102090	MIN
483	498	51418	3342	4213	-29673	MAX
	141	13460	1084	1070	-97358	MIN
484	-302	80352	-673	9831	-23843	MAX
	-966	21817	-3007	2695	-77950	MIN
485	34972	116573	-3534	0	-20397	MAX
	9664	32215	-13702	0	-66605	MIN
486	34972	116573	-3534	0	-20397	MAX
	9664	32215	-13702	0	-66605	MIN
487	34972	116573	-3534	0	-20397	MAX
	9664	32215	-13702	0	-66605	MIN
488	-27	-91	-13	0	-835	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*	
	-34	-113	-16	0	-1043	MIN
489	28	0	-12	-17	-835	MAX
	22	0	-15	-22	-1043	MIN

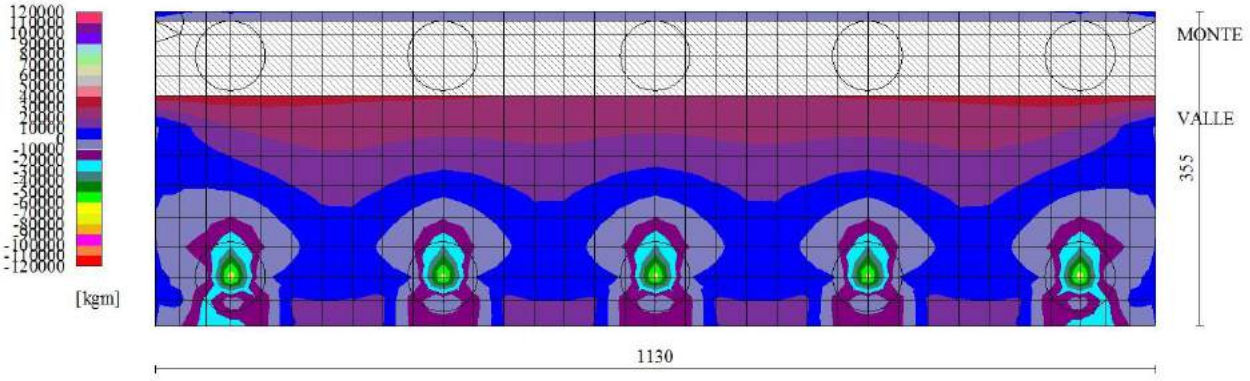

Fig. 45 - Piastra fondazione - Momento Mx (Combinazione n° 2)

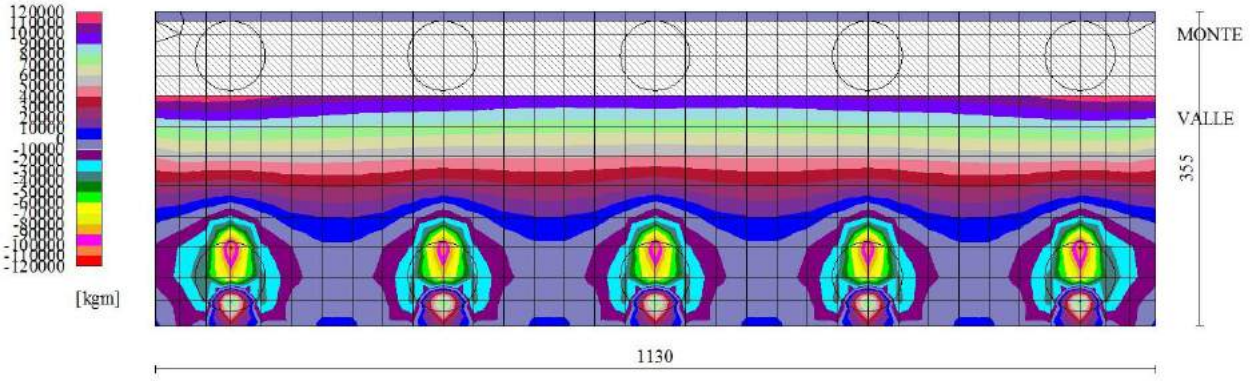

Fig. 46 - Piastra fondazione - Momento My (Combinazione n° 2)

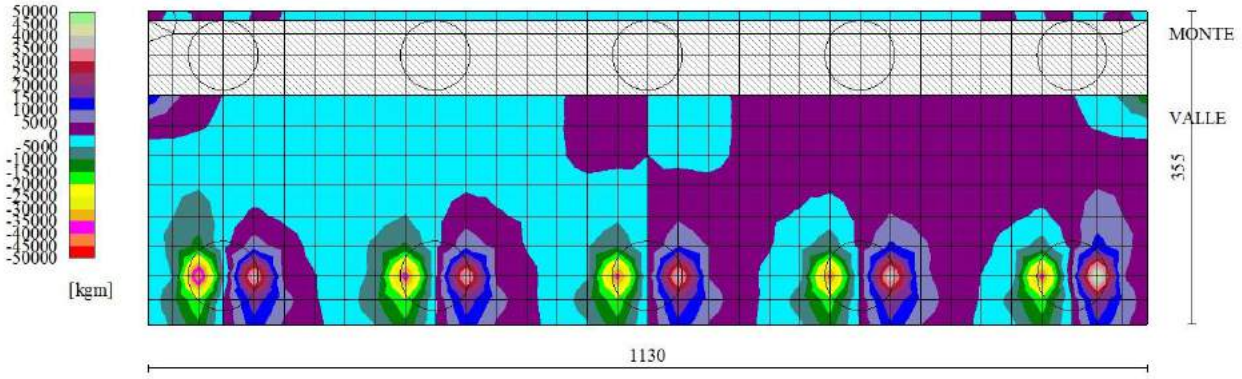

Fig. 47 - Piastra fondazione - Momento Mxy (Combinazione n° 2)

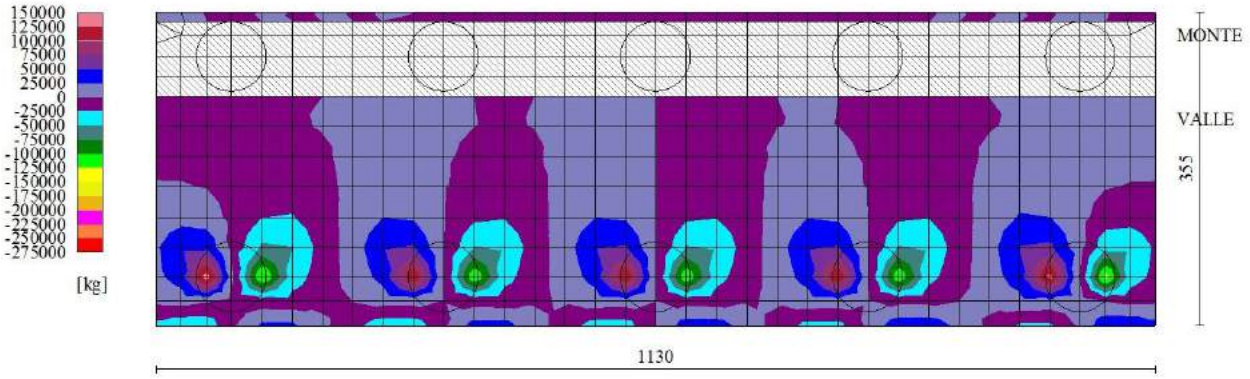

Fig. 48 - Piastra fondazione - Taglio Tx (Combinazione n° 2)

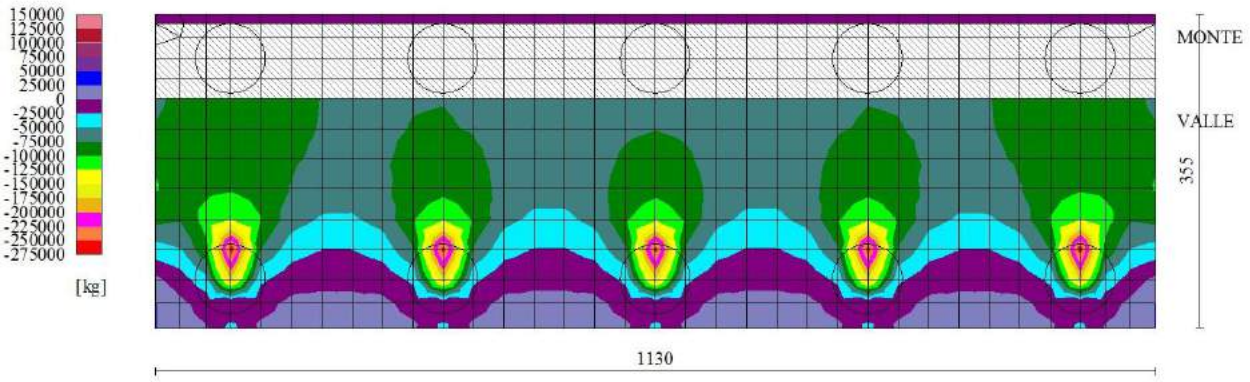

Fig. 49 - Piastra fondazione - Taglio Ty (Combinazione n° 2)

Sollecitazioni pali

Simbologia adottata

N Sforzo normale, espresso in [kg]. Positivo se di compressione.

T Taglio, espresso in [kg]. Positivo se diretto da monte verso valle

M Momento, espresso in [kgm]. Positivo se tende le fibre contro terra (a monte)

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	*[kg]*	*[kg]*	*[kg]*	*[kg]*	*[kgm]*	*[kgm]*
1	0.00	-75811	-518366	-28356	-52536	-88588	-164128
7	1.32	-73346	-515247	-28356	-52536	-51158	-94783
28	5.94	-63739	-500345	199	-397	50609	97065
40	8.58	-56404	-484608	9508	18245	33974	66075
101	22.00	0	0	-35	-69	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	*[kg]*	*[kg]*	*[kg]*	*[kg]*	*[kgm]*	*[kgm]*
1	0.00	138444	518366	-28356	-52536	-88588	-164128
7	1.32	139105	515247	-28356	-52536	-51158	-94783
21	4.40	140463	507317	-19749	-39294	35191	65608
28	5.94	140202	500345	199	-397	50609	97065
40	8.58	138544	484607	9508	18245	33974	66075
101	22.00	106442	0	-35	-69	0	0

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-114169	-518361	-39836	-52495	-124551	-164128
13	2.64	-107954	-512124	-39836	-52495	-19384	-25544
28	5.94	-98427	-500340	262	-411	71021	96857
40	8.58	-87892	-484603	13343	18206	47697	65950
101	22.00	0	0	-50	-69	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	185659	518353	-39836	-52495	-124551	-164128
13	2.64	186412	512116	-39836	-52495	-19384	-25544
19	3.96	186788	508997	-39836	-52495	33199	43750
28	5.94	185795	500332	262	-411	71021	96857
40	8.58	182723	484595	13343	18206	47697	65950
101	22.00	136701	0	-50	-69	0	0

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-92997	-518342	-31895	-52467	-99775	-164128
8	1.54	-89785	-514703	-31895	-52467	-50657	-83332
28	5.94	-79280	-500320	200	-420	56820	96713
40	8.58	-70512	-484583	10675	18179	38171	65864
101	22.00	0	0	-40	-69	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	146414	518366	-31895	-52467	-99775	-164128
8	1.54	147128	514728	-31895	-52467	-50657	-83332
20	4.18	148271	508180	-26858	-46018	33544	55180
28	5.94	147898	500344	200	-420	56820	96713
40	8.58	146002	484606	10675	18179	38171	65864
101	22.00	111550	0	-40	-69	0	0

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-26274	-518358	-16896	-51086	-54282	-164128
8	1.54	-24312	-514720	-16896	-51086	-28263	-85456
29	6.16	-18393	-499208	888	2335	28995	90048
40	8.58	-15246	-484600	5444	16894	19751	61836
101	22.00	2745	0	-21	-64	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	83319	518338	-16896	-51086	-54282	-164128
8	1.54	84476	514700	-16896	-51086	-28263	-85456
29	6.16	87010	499189	888	2335	28995	90048
34	7.26	87096	493047	4267	13065	26289	81998
40	8.58	86965	484580	5444	16894	19751	61836
101	22.00	71114	0	-21	-64	0	0

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-12584	-314331	-14117	-50096	-46251	-164128
16	3.30	-7806	-306533	-14117	-50096	335	1188
29	6.16	-3312	-295178	577	1792	23547	85349
41	8.80	1294	-279040	4418	16017	15236	55581
101	22.00	30125	0	-17	-61	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	68164	518346	-14117	-50096	-46251	-164128
16	3.30	70871	510550	-14117	-50096	335	1188
29	6.16	72408	499197	577	1792	23547	85349
40	8.58	72784	484588	4417	15999	16208	59100
41	8.80	72782	483061	4418	16017	15236	55581
101	22.00	61402	0	-17	-61	0	0

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-6094	-152180	-12787	-49500	-42398	-164128
6	1.10	-4411	-150423	-12787	-49500	-28333	-109679
29	6.16	3837	-140234	430	1466	20946	82520
41	8.80	8998	-131221	3931	15490	13652	54052
101	22.00	43103	0	-15	-60	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	60956	518345	-12787	-49500	-42398	-164128
6	1.10	61895	515747	-12787	-49500	-28333	-109679
29	6.16	65463	499196	430	1466	20946	82520
41	8.80	66058	483059	3931	15490	13652	54052
44	9.46	66080	478278	3775	14900	11080	43914
101	22.00	56783	0	-15	-60	0	0

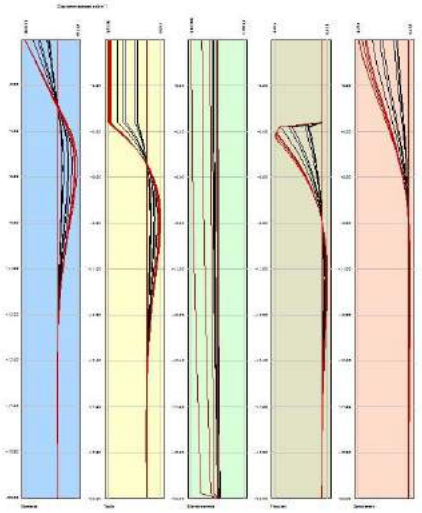

Fig. 50 - Sollecitazioni palo (Palo n° 1) (Inviluppo)

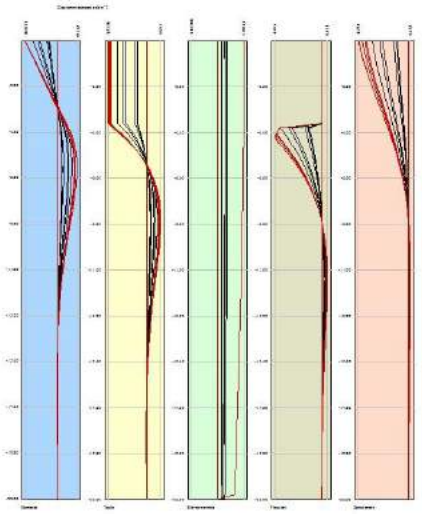

Fig. 51 - Sollecitazioni palo (Palo n° 2) (Inviluppo)

Verifiche strutturali

Verifiche a flessione

Elementi calcolati a trave
Simbologia adottata
n° indice sezione
Y ordinata sezione espressa in [m]
B larghezza sezione espresso in [cm]
H altezza sezione espressa in [cm]
Afi area ferri inferiori espresso in [cmq]
Afs area ferri superiori espressa in [cmq]
M momento agente espressa in [kgm]
N sforzo normale agente espressa in [kg]
Mu momento ultimi espresso in [kgm]
Nu sforzo normale ultimo espressa in [kg]
FS fattore di sicurezza (rapporto tra sollecitazione ultima e sollecitazione agente)
Elementi calcolati a piastra
Simbologia adottata
n° indice sezione
Y ordinata sezione espressa in [m]
B larghezza sezione espresso in [cm]
H altezza sezione espressa in [cm]
Afi, Afs area ferri inferiori e superiori, espresso in [cmq]
Mp, Mn momento positivo e negativo agente espressa in [kgm]
Mu momento ultimi espresso in [kgm]
FS fattore di sicurezza (rapporto tra sollecitazione ultima e sollecitazione agente)

Paramento

n°	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kg]*	*[kgm]*	*[kg]*	
1	100	40	12.57	12.57	0	0	0	0	1000.000
2	100	42	12.57	12.57	0	0	0	0	1000.000
3	100	44	12.57	12.57	93	732	60297	473587	646.807
4	100	46	12.57	12.57	243	1126	64437	298246	264.871
5	100	49	12.57	12.57	492	1538	52827	165137	107.351

n°	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
6	100	51	12.57	12.57	862	1969	42685	97500	49.516
7	100	53	12.57	12.57	1375	2418	38497	67685	27.989
8	100	55	12.57	12.57	2055	2886	36704	51556	17.864
9	100	57	12.57	12.57	2922	3372	35706	41203	12.218
10	100	59	12.57	12.57	4010	3877	35362	34190	8.819
11	100	61	12.57	12.57	5367	4400	35362	28989	6.588
12	100	63	12.57	12.57	7049	4942	35579	24942	5.047
13	100	66	12.57	12.57	9109	5502	35952	21714	3.947
14	100	68	12.57	12.57	11602	6080	36442	19098	3.141
15	100	70	12.57	12.57	14582	6677	37026	16955	2.539
16	100	72	12.57	12.57	18103	7293	37686	15182	2.082
17	100	74	12.57	12.57	22218	7927	38406	13702	1.729
18	100	76	12.57	12.57	26984	8579	39175	12456	1.452
19	100	78	12.57	12.57	32452	9250	39986	11398	1.232
20	100	80	12.57	12.57	38668	9940	40831	10496	1.056
21	100	83	12.57	18.85	45670	10648	62133	14486	1.360
22	100	85	12.57	18.85	53511	11374	63486	13495	1.186

Fondazione

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-1-P	8.04	8.04	1343	-442	30083	28.249 (2)
1-2-P	8.04	8.04	936	-3139	-30083	12.148 (2)
1-3-P	8.04	8.04	2750	-14213	-30083	2.674 (2)
1-4-P	8.04	8.04	313	-24174	-30083	1.581 (2)
1-5-P	8.04	8.04	227	-22307	-30083	1.713 (2)
1-6-P	8.04	8.04	3644	-11681	-30083	3.238 (2)
1-7-P	8.04	8.04	4193	-2036	30083	7.166 (2)
1-8-P	8.04	8.04	6985	-101	30083	5.480 (2)
1-9-P	8.04	8.04	8804	-15	30083	4.364 (2)
1-10-P	8.04	8.04	9098	-125	30083	4.226 (2)
1-11-P	8.04	8.04	7455	-791	30083	5.151 (2)
1-12-P	8.04	8.04	5227	-5076	30083	7.300 (2)
1-13-P	8.04	8.04	2891	-13024	-30083	2.896 (2)
1-14-P	8.04	8.04	79	-24204	-30083	1.573 (2)
1-15-P	8.04	8.04	554	-17220	-30083	2.202 (2)
1-16-P	8.04	8.04	3711	-8228	-30083	4.553 (2)
1-17-P	8.04	8.04	5910	-799	30083	6.530 (2)
1-18-P	8.04	8.04	7778	-92	30083	4.981 (2)
1-19-P	8.04	8.04	8655	-2	30083	4.480 (2)
1-20-P	8.04	8.04	8226	-111	30083	4.711 (2)
1-21-P	8.04	8.04	6354	-796	30083	6.087 (2)
1-22-P	8.04	8.04	4073	-6765	-30083	5.537 (2)
1-23-P	8.04	8.04	803	-14773	-30083	2.557 (2)
1-24-P	8.04	8.04	0	-27928	-30083	1.298 (2)
1-25-P	8.04	8.04	803	-14773	-30083	2.557 (2)
1-26-P	8.04	8.04	4073	-6765	-30083	5.537 (2)
1-27-P	8.04	8.04	6354	-796	30083	6.087 (2)
1-28-P	8.04	8.04	8226	-111	30083	4.711 (2)
1-29-P	8.04	8.04	8655	-2	30083	4.480 (2)
1-30-P	8.04	8.04	7778	-92	30083	4.981 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-31-P	8.04	8.04	5910	-799	30083	6.530 (2)
1-32-P	8.04	8.04	3711	-8228	-30083	4.553 (2)
1-33-P	8.04	8.04	554	-17220	-30083	2.202 (2)
1-34-P	8.04	8.04	79	-24204	-30083	1.573 (2)
1-35-P	8.04	8.04	2891	-13024	-30083	2.896 (2)
1-36-P	8.04	8.04	5227	-5076	30083	7.300 (2)
1-37-P	8.04	8.04	7455	-791	30083	5.151 (2)
1-38-P	8.04	8.04	9098	-125	30083	4.226 (2)
1-39-P	8.04	8.04	8804	-15	30083	4.364 (2)
1-40-P	8.04	8.04	6985	-101	30083	5.480 (2)
1-41-P	8.04	8.04	4193	-2036	30083	7.166 (2)
1-42-P	8.04	8.04	3644	-11681	-30083	3.238 (2)
1-43-P	8.04	8.04	227	-22307	-30083	1.713 (2)
1-44-P	8.04	8.04	313	-24174	-30083	1.581 (2)
1-45-P	8.04	8.04	2750	-14213	-30083	2.674 (2)
1-46-P	8.04	8.04	936	-3139	-30083	12.148 (2)
1-47-P	8.04	8.04	1343	-442	30083	28.249 (2)
2-1-P	8.04	8.04	896	-759	-30083	40.008 (2)
2-2-P	8.04	8.04	650	-2609	-30083	11.679 (2)
2-3-P	8.04	8.04	757	-4654	-30083	6.521 (2)
2-4-P	8.04	8.04	649	-7644	-30083	3.980 (2)
2-5-P	8.04	8.04	972	-6831	-30083	4.173 (2)
2-6-P	8.04	8.04	1806	-2659	-30083	8.307 (2)
2-7-P	8.04	8.04	3665	-609	30083	8.852 (2)
2-8-P	8.04	8.04	6479	0	30083	6.158 (2)
2-9-P	8.04	8.04	8631	-2	30083	4.575 (2)
2-10-P	8.04	8.04	8750	-4	30083	4.519 (2)
2-11-P	8.04	8.04	6153	-252	30083	6.519 (2)
2-12-P	8.04	8.04	3855	-1242	30083	8.628 (2)
2-13-P	8.04	8.04	2303	-3447	-30083	6.371 (2)
2-14-P	8.04	8.04	1503	-7563	-30083	3.249 (2)
2-15-P	8.04	8.04	1691	-5252	-30083	4.311 (2)
2-16-P	8.04	8.04	2444	-1800	30083	10.038 (2)
2-17-P	8.04	8.04	4284	-279	30083	7.599 (2)
2-18-P	8.04	8.04	6908	-3	30083	5.836 (2)
2-19-P	8.04	8.04	8067	0	30083	4.955 (2)
2-20-P	8.04	8.04	7446	-8	30083	5.390 (2)
2-21-P	8.04	8.04	4680	-279	30083	8.743 (2)
2-22-P	8.04	8.04	2622	-1623	30083	9.512 (2)
2-23-P	8.04	8.04	1619	-4643	-30083	5.233 (2)
2-24-P	8.04	8.04	1162	-9019	-30083	2.919 (2)
2-25-P	8.04	8.04	1619	-4643	-30083	5.233 (2)
2-26-P	8.04	8.04	2622	-1623	30083	9.512 (2)
2-27-P	8.04	8.04	4680	-279	30083	8.743 (2)
2-28-P	8.04	8.04	7446	-8	30083	5.390 (2)
2-29-P	8.04	8.04	8067	0	30083	4.955 (2)
2-30-P	8.04	8.04	6908	-3	30083	5.836 (2)
2-31-P	8.04	8.04	4284	-279	30083	7.599 (2)
2-32-P	8.04	8.04	2444	-1800	30083	10.038 (2)
2-33-P	8.04	8.04	1691	-5252	-30083	4.311 (2)
2-34-P	8.04	8.04	1503	-7563	-30083	3.249 (2)
2-35-P	8.04	8.04	2303	-3447	-30083	6.371 (2)
2-36-P	8.04	8.04	3855	-1242	30083	8.628 (2)
2-37-P	8.04	8.04	6153	-252	30083	6.519 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
2-38-P	8.04	8.04	8750	-4	30083	4.519 (2)
2-39-P	8.04	8.04	8631	-2	30083	4.575 (2)
2-40-P	8.04	8.04	6479	0	30083	6.158 (2)
2-41-P	8.04	8.04	3665	-609	30083	8.852 (2)
2-42-P	8.04	8.04	1806	-2659	-30083	8.307 (2)
2-43-P	8.04	8.04	972	-6831	-30083	4.173 (2)
2-44-P	8.04	8.04	649	-7644	-30083	3.980 (2)
2-45-P	8.04	8.04	757	-4654	-30083	6.521 (2)
2-46-P	8.04	8.04	650	-2609	-30083	11.679 (2)
2-47-P	8.04	8.04	896	-759	-30083	40.008 (2)
3-1-P	8.04	8.04	5952	-129	30083	6.581 (2)
3-2-P	8.04	8.04	8664	0	30083	4.523 (2)
3-3-P	8.04	8.04	12140	0	30083	3.234 (2)
3-4-P	8.04	8.04	14931	0	30083	2.633 (2)
3-5-P	8.04	8.04	16857	0	30083	2.333 (2)
3-6-P	8.04	8.04	18288	0	30083	2.151 (2)
3-7-P	8.04	8.04	19355	0	30083	2.032 (2)
3-8-P	8.04	8.04	20028	0	30083	1.964 (2)
3-9-P	8.04	8.04	20344	0	30083	1.934 (2)
3-10-P	8.04	8.04	20248	0	30083	1.944 (2)
3-11-P	8.04	8.04	19645	0	30083	2.007 (2)
3-12-P	8.04	8.04	18935	0	30083	2.086 (2)
3-13-P	8.04	8.04	18215	0	30083	2.172 (2)
3-14-P	8.04	8.04	17773	0	30083	2.228 (2)
3-15-P	8.04	8.04	17781	0	30083	2.227 (2)
3-16-P	8.04	8.04	18053	0	30083	2.192 (2)
3-17-P	8.04	8.04	18542	0	30083	2.132 (2)
3-18-P	8.04	8.04	18919	0	30083	2.087 (2)
3-19-P	8.04	8.04	19033	0	30083	2.074 (2)
3-20-P	8.04	8.04	18877	0	30083	2.092 (2)
3-21-P	8.04	8.04	18357	0	30083	2.154 (2)
3-22-P	8.04	8.04	17745	0	30083	2.231 (2)
3-23-P	8.04	8.04	17245	0	30083	2.299 (2)
3-24-P	8.04	8.04	16952	0	30083	2.340 (2)
3-25-P	8.04	8.04	17245	0	30083	2.299 (2)
3-26-P	8.04	8.04	17745	0	30083	2.231 (2)
3-27-P	8.04	8.04	18357	0	30083	2.154 (2)
3-28-P	8.04	8.04	18877	0	30083	2.092 (2)
3-29-P	8.04	8.04	19033	0	30083	2.074 (2)
3-30-P	8.04	8.04	18919	0	30083	2.087 (2)
3-31-P	8.04	8.04	18542	0	30083	2.132 (2)
3-32-P	8.04	8.04	18053	0	30083	2.192 (2)
3-33-P	8.04	8.04	17781	0	30083	2.227 (2)
3-34-P	8.04	8.04	17773	0	30083	2.228 (2)
3-35-P	8.04	8.04	18215	0	30083	2.172 (2)
3-36-P	8.04	8.04	18935	0	30083	2.086 (2)
3-37-P	8.04	8.04	19645	0	30083	2.007 (2)
3-38-P	8.04	8.04	20248	0	30083	1.944 (2)
3-39-P	8.04	8.04	20344	0	30083	1.934 (2)
3-40-P	8.04	8.04	20028	0	30083	1.964 (2)
3-41-P	8.04	8.04	19355	0	30083	2.032 (2)
3-42-P	8.04	8.04	18288	0	30083	2.151 (2)
3-43-P	8.04	8.04	16857	0	30083	2.333 (2)
3-44-P	8.04	8.04	14931	0	30083	2.633 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
3-45-P	8.04	8.04	12140	0	30083	3.234 (2)
3-46-P	8.04	8.04	8664	0	30083	4.523 (2)
3-47-P	8.04	8.04	5952	-129	30083	6.581 (2)
5-1-P	4.02	4.02	1	-1	14789	100.000 (1)
5-2-P	4.02	4.02	0	-1	14789	100.000 (1)
5-3-P	4.02	4.02	0	-2	-14789	100.000 (1)
5-4-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-5-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-6-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-7-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-8-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-9-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-10-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-11-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-12-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-13-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-14-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-15-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-16-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-17-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-18-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-19-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-20-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-21-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-22-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-23-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-24-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-25-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-26-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-27-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-28-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-29-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-30-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-31-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-32-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-33-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-34-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-35-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-36-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-37-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-38-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-39-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-40-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-41-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-42-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-43-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-44-P	4.02	4.02	0	-1	-14789	100.000 (1)
5-45-P	4.02	4.02	0	-2	-14789	100.000 (1)
5-46-P	4.02	4.02	0	-1	14789	100.000 (1)
5-47-P	4.02	4.02	1	-1	14789	100.000 (1)
6-1-S	31.42	12.57	6456	-4987	-46761	11.729 (2)
6-2-S	31.42	12.57	15635	-10173	-46761	5.744 (2)
6-3-S	31.42	12.57	899	-27813	-46761	2.101 (2)
6-4-S	31.42	12.57	273	-41199	-46761	1.407 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
6-5-S	31.42	12.57	1	-37046	-46761	1.545 (2)
6-6-S	31.42	12.57	527	-13230	-46761	4.101 (2)
6-7-S	31.42	12.57	9357	-485	115338	18.309 (2)
6-8-S	31.42	12.57	29600	0	115338	5.246 (2)
6-9-S	31.42	12.57	49392	0	115338	3.082 (2)
6-10-S	31.42	12.57	68074	0	115338	2.219 (2)
6-11-S	31.42	12.57	87835	0	115338	1.713 (2)
6-12-S	31.42	12.57	109147	0	115338	1.375 (2)
6-13-S	31.42	12.57	0	-94	-46761	100.000 (1)
6-14-S	31.42	12.57	2	-1	115338	100.000 (1)
7-1-S	31.42	12.57	2379	-4932	-46761	11.804 (2)
7-2-S	31.42	12.57	4864	-10610	-46761	5.490 (2)
7-3-S	31.42	12.57	1096	-20390	-46761	2.848 (2)
7-4-S	31.42	12.57	427	-23572	-46761	2.439 (2)
7-5-S	31.42	12.57	18	-18366	-46761	3.056 (2)
7-6-S	31.42	12.57	2412	-5116	-46761	6.050 (2)
7-7-S	31.42	12.57	14281	-16	115338	11.396 (2)
7-8-S	31.42	12.57	31851	0	115338	4.849 (2)
7-9-S	31.42	12.57	49766	0	115338	3.059 (2)
7-10-S	31.42	12.57	67753	0	115338	2.233 (2)
7-11-S	31.42	12.57	85844	0	115338	1.757 (2)
7-12-S	31.42	12.57	104057	0	115338	1.447 (2)
7-13-S	31.42	12.57	0	-93	-46761	100.000 (1)
7-14-S	31.42	12.57	0	0	0	1000000.000 (1)
8-1-S	28.27	12.57	1150	-3633	-46768	9.664 (2)
8-2-S	28.27	12.57	782	-7330	-46768	7.921 (2)
8-3-S	28.27	12.57	959	-10153	-46768	5.650 (2)
8-4-S	28.27	12.57	650	-8901	-46768	6.270 (2)
8-5-S	28.27	12.57	446	-4563	-46768	11.125 (2)
8-6-S	28.27	12.57	3868	-529	-46768	17.697 (3)
8-7-S	28.27	12.57	18362	0	104031	7.768 (2)
8-8-S	28.27	12.57	33020	0	104031	4.206 (2)
8-9-S	28.27	12.57	49030	0	104031	2.802 (2)
8-10-S	28.27	12.57	65596	0	104031	2.084 (2)
8-11-S	28.27	12.57	82132	0	104031	1.660 (2)
8-12-S	28.27	12.57	98547	0	104031	1.381 (2)
8-13-S	28.27	12.57	0	-93	-46768	100.000 (1)
9-1-S	28.27	15.71	8661	-4052	104105	15.016 (2)
9-2-S	28.27	15.71	20617	-10564	104105	3.783 (2)
9-3-S	28.27	15.71	1657	-32204	-58336	2.269 (2)
9-4-S	28.27	15.71	799	-49110	-58336	1.477 (2)
9-5-S	28.27	15.71	0	-43791	-58336	1.636 (2)
9-6-S	28.27	15.71	77	-15218	-58336	4.449 (2)
9-7-S	28.27	15.71	7948	-17	104105	20.578 (2)
9-8-S	28.27	15.71	28387	0	104105	4.954 (2)
9-9-S	28.27	15.71	46559	0	104105	2.961 (2)
9-10-S	28.27	15.71	63545	0	104105	2.155 (2)
9-11-S	28.27	15.71	80200	0	104105	1.702 (2)
9-12-S	28.27	15.71	96617	0	104105	1.410 (2)
9-13-S	28.27	15.71	0	-93	-58336	100.000 (1)
10-1-S	28.27	12.57	932	-2495	-46768	9.374 (2)
10-2-S	28.27	12.57	489	-5361	-46768	10.775 (2)
10-3-S	28.27	12.57	370	-7844	-46768	7.254 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
10-4-S	28.27	12.57	153	-6974	-46768	7.868 (2)
10-5-S	28.27	12.57	256	-1693	-46768	14.824 (1)
10-6-S	28.27	12.57	5685	0	104031	28.219 (2)
10-7-S	28.27	12.57	17882	0	104031	7.986 (2)
10-8-S	28.27	12.57	31676	0	104031	4.392 (2)
10-9-S	28.27	12.57	46826	0	104031	2.938 (2)
10-10-S	28.27	12.57	62530	0	104031	2.189 (2)
10-11-S	28.27	12.57	78203	0	104031	1.745 (2)
10-12-S	28.27	12.57	93749	0	104031	1.453 (2)
10-13-S	28.27	12.57	0	-93	-46768	100.000 (1)
11-1-S	28.27	12.57	4596	-4970	-46768	11.758 (2)
11-2-S	28.27	12.57	10328	-9703	-46768	6.011 (2)
11-3-S	28.27	12.57	1389	-22886	-46768	2.548 (2)
11-4-S	28.27	12.57	678	-30691	-46768	1.884 (2)
11-5-S	28.27	12.57	70	-25758	-46768	2.205 (2)
11-6-S	28.27	12.57	1719	-8115	-46768	5.293 (2)
11-7-S	28.27	12.57	11561	-2	104031	13.069 (2)
11-8-S	28.27	12.57	28885	0	104031	4.851 (2)
11-9-S	28.27	12.57	45623	0	104031	3.020 (2)
11-10-S	28.27	12.57	61881	0	104031	2.212 (2)
11-11-S	28.27	12.57	77947	0	104031	1.751 (2)
11-12-S	28.27	12.57	93842	0	104031	1.451 (2)
11-13-S	28.27	12.57	0	-93	-46768	100.000 (1)
12-1-S	28.27	12.57	4596	-4970	-46768	11.758 (2)
12-2-S	28.27	12.57	10328	-9703	-46768	6.011 (2)
12-3-S	28.27	12.57	1389	-22886	-46768	2.548 (2)
12-4-S	28.27	12.57	678	-30691	-46768	1.884 (2)
12-5-S	28.27	12.57	70	-25758	-46768	2.205 (2)
12-6-S	28.27	12.57	1719	-8115	-46768	5.293 (2)
12-7-S	28.27	12.57	11561	-2	104031	13.069 (2)
12-8-S	28.27	12.57	28885	0	104031	4.851 (2)
12-9-S	28.27	12.57	45623	0	104031	3.020 (2)
12-10-S	28.27	12.57	61881	0	104031	2.212 (2)
12-11-S	28.27	12.57	77947	0	104031	1.751 (2)
12-12-S	28.27	12.57	93842	0	104031	1.451 (2)
12-13-S	28.27	12.57	0	-93	-46768	100.000 (1)
13-1-S	28.27	12.57	932	-2495	-46768	9.374 (2)
13-2-S	28.27	12.57	489	-5361	-46768	10.775 (2)
13-3-S	28.27	12.57	370	-7844	-46768	7.254 (2)
13-4-S	28.27	12.57	153	-6974	-46768	7.868 (2)
13-5-S	28.27	12.57	256	-1693	-46768	14.824 (1)
13-6-S	28.27	12.57	5685	0	104031	28.219 (2)
13-7-S	28.27	12.57	17882	0	104031	7.986 (2)
13-8-S	28.27	12.57	31676	0	104031	4.392 (2)
13-9-S	28.27	12.57	46826	0	104031	2.938 (2)
13-10-S	28.27	12.57	62530	0	104031	2.189 (2)
13-11-S	28.27	12.57	78203	0	104031	1.745 (2)
13-12-S	28.27	12.57	93749	0	104031	1.453 (2)
13-13-S	28.27	12.57	0	-93	-46768	100.000 (1)
14-1-S	28.27	15.71	8661	-4052	104105	15.016 (2)
14-2-S	28.27	15.71	20617	-10564	104105	3.783 (2)
14-3-S	28.27	15.71	1657	-32204	-58336	2.269 (2)
14-4-S	28.27	15.71	799	-49110	-58336	1.477 (2)
14-5-S	28.27	15.71	0	-43791	-58336	1.636 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
14-6-S	28.27	15.71	77	-15218	-58336	4.449 (2)
14-7-S	28.27	15.71	7948	-17	104105	20.578 (2)
14-8-S	28.27	15.71	28387	0	104105	4.954 (2)
14-9-S	28.27	15.71	46559	0	104105	2.961 (2)
14-10-S	28.27	15.71	63545	0	104105	2.155 (2)
14-11-S	28.27	15.71	80200	0	104105	1.702 (2)
14-12-S	28.27	15.71	96617	0	104105	1.410 (2)
14-13-S	28.27	15.71	0	-93	-58336	100.000 (1)
15-1-S	28.27	12.57	1150	-3633	-46768	9.664 (2)
15-2-S	28.27	12.57	782	-7330	-46768	7.921 (2)
15-3-S	28.27	12.57	959	-10153	-46768	5.650 (2)
15-4-S	28.27	12.57	650	-8901	-46768	6.270 (2)
15-5-S	28.27	12.57	446	-4563	-46768	11.125 (2)
15-6-S	28.27	12.57	3868	-529	-46768	17.697 (3)
15-7-S	28.27	12.57	18362	0	104031	7.768 (2)
15-8-S	28.27	12.57	33020	0	104031	4.206 (2)
15-9-S	28.27	12.57	49030	0	104031	2.802 (2)
15-10-S	28.27	12.57	65596	0	104031	2.084 (2)
15-11-S	28.27	12.57	82132	0	104031	1.660 (2)
15-12-S	28.27	12.57	98547	0	104031	1.381 (2)
15-13-S	28.27	12.57	0	-93	-46768	100.000 (1)
16-1-S	31.42	12.57	2379	-4932	-46761	11.804 (2)
16-2-S	31.42	12.57	4864	-10610	-46761	5.490 (2)
16-3-S	31.42	12.57	1096	-20390	-46761	2.848 (2)
16-4-S	31.42	12.57	427	-23572	-46761	2.439 (2)
16-5-S	31.42	12.57	18	-18366	-46761	3.056 (2)
16-6-S	31.42	12.57	2412	-5116	-46761	6.050 (2)
16-7-S	31.42	12.57	14281	-16	115338	11.396 (2)
16-8-S	31.42	12.57	31851	0	115338	4.849 (2)
16-9-S	31.42	12.57	49766	0	115338	3.059 (2)
16-10-S	31.42	12.57	67753	0	115338	2.233 (2)
16-11-S	31.42	12.57	85844	0	115338	1.757 (2)
16-12-S	31.42	12.57	104057	0	115338	1.447 (2)
16-13-S	31.42	12.57	0	-93	-46761	100.000 (1)
16-14-S	31.42	12.57	0	0	0	1000000.000 (1)
17-1-S	31.42	12.57	6456	-4987	-46761	11.729 (2)
17-2-S	31.42	12.57	15635	-10173	-46761	5.744 (2)
17-3-S	31.42	12.57	899	-27813	-46761	2.101 (2)
17-4-S	31.42	12.57	273	-41199	-46761	1.407 (2)
17-5-S	31.42	12.57	1	-37046	-46761	1.545 (2)
17-6-S	31.42	12.57	527	-13230	-46761	4.101 (2)
17-7-S	31.42	12.57	9357	-485	115338	18.309 (2)
17-8-S	31.42	12.57	29600	0	115338	5.246 (2)
17-9-S	31.42	12.57	49392	0	115338	3.082 (2)
17-10-S	31.42	12.57	68074	0	115338	2.219 (2)
17-11-S	31.42	12.57	87835	0	115338	1.713 (2)
17-12-S	31.42	12.57	109147	0	115338	1.375 (2)
17-13-S	31.42	12.57	0	-94	-46761	100.000 (1)
17-14-S	31.42	12.57	2	-1	115338	100.000 (1)

Pali in c.a.

Ip	Is	A_f	M	N	Mu	Nu	FS
		[cmq]	*[kgm]*	*[kg]*	*[kgm]*	*[kg]*	
1	48	42.41	25484	-79635	26349	-82340	1.034
2	1	169.65	124551	185659	183791	273965	1.476

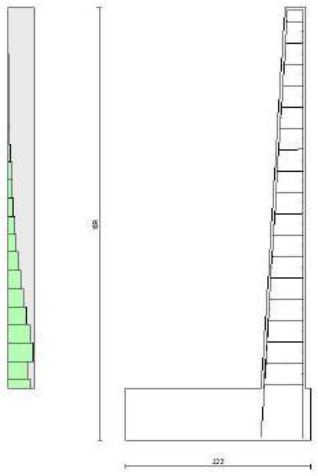

Fig. 52 - Paramento (Inviluppo)

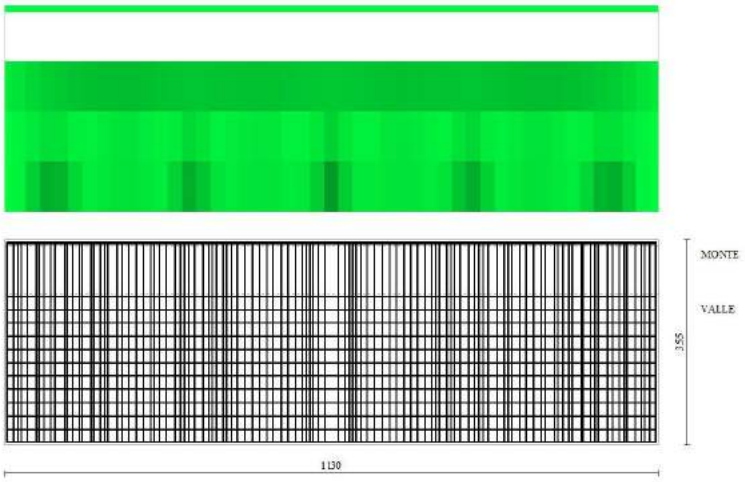

Fig. 53 - Piastra fondazione dir. X (Inviluppo)

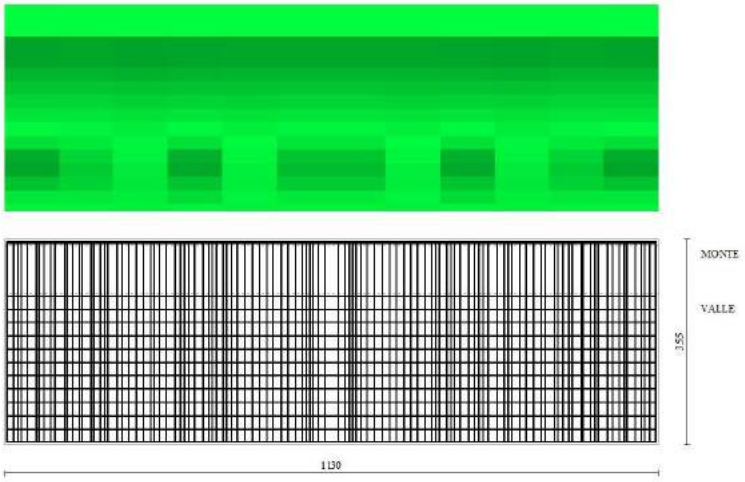

Fig. 54 - Piastra fondazione dir. Y (Inviluppo)

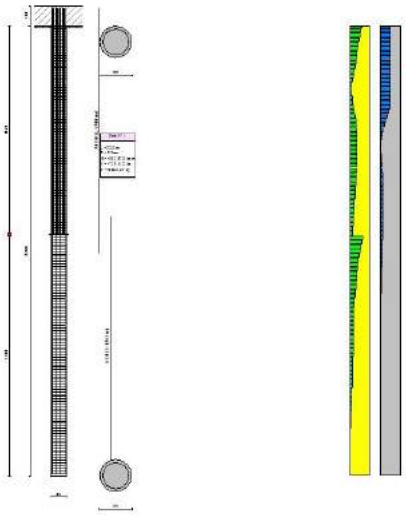

Fig. 55 - Pali (Palo n° 1) (Inviluppo)

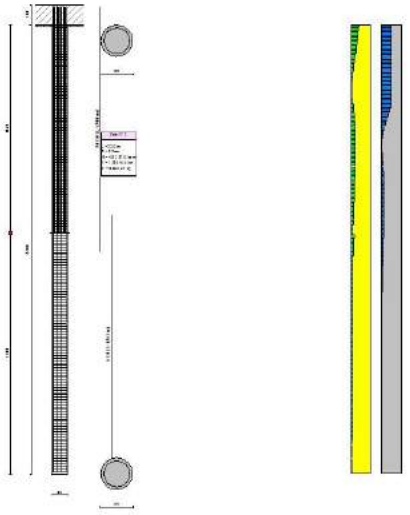

Fig. 56 - Pali (Palo n° 2) (Inviluppo)

Verifiche a taglio

Simbologia adottata

Is indice sezione

Y ordinata sezione espressa in [m]

B larghezza sezione espresso in [cm]

H altezza sezione espressa in [cm]

A_{sw} area ferri a taglio espresso in [cmq]

cotgθ inclinazione delle bielle compresse, θ inclinazione dei puntoni di calcestruzzo

V_{Rcd} resistenza di progetto a 'taglio compressione' espressa in [kg]

V_{Rsd} resistenza di progetto a 'taglio trazione' espressa in [kg]

V_{Rd} resistenza di progetto a taglio espresso in [kg]. Per elementi con armature trasversali resistenti al taglio (A_{sw}>0.0) V_{Rd}=min(V_{Rcd}, V_{Rsd}).

T taglio agente espressa in [kg]

FS fattore di sicurezza (rapporto tra sollecitazione resistente e sollecitazione agente)

Paramento

n°	B	H	A_{sw}	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
1	100	40	0.00	--	0	0	22080	0	100.000
2	100	42	0.00	--	0	0	22712	134	169.134
3	100	44	0.00	--	0	0	23334	333	69.982
4	100	46	0.00	--	0	0	23947	597	40.083
5	100	49	0.00	--	0	0	24552	926	26.505
6	100	51	0.00	--	0	0	25149	1320	19.051
7	100	53	0.00	--	0	0	25739	1779	14.471
8	100	55	0.00	--	0	0	26323	2302	11.434
9	100	57	0.00	--	0	0	26901	2894	9.294
10	100	59	0.00	--	0	0	27474	3609	7.612
11	100	61	0.00	--	0	0	28042	4480	6.259
12	100	63	0.00	--	0	0	28606	5508	5.194
13	100	66	0.00	--	0	0	29166	6691	4.359
14	100	68	0.00	--	0	0	29722	8031	3.701
15	100	70	0.00	--	0	0	30274	9528	3.177
16	100	72	0.00	--	0	0	30824	11181	2.757
17	100	74	0.00	--	0	0	31371	12991	2.415
18	100	76	0.00	--	0	0	31915	14958	2.134
19	100	78	0.00	--	0	0	32457	17071	1.901
20	100	80	0.00	--	0	0	32996	19293	1.710
21	100	83	0.00	--	0	0	36006	21649	1.663
22	100	85	0.00	--	0	0	36576	24161	1.514

Fondazione

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
1-1-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-2-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-3-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-4-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-5-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-6-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-7-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-8-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-9-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-10-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-11-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-12-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-13-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-14-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-15-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-16-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-17-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-18-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-19-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-20-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-21-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-22-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-23-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-24-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-25-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-26-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-27-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-28-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-29-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-30-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-31-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-32-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-33-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-34-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-35-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-36-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-37-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-38-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-39-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-40-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-41-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-42-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-43-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-44-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-45-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-46-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
1-47-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-1-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-2-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-3-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-4-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-5-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-6-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-7-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-8-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-9-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-10-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-11-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-12-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-13-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-14-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-15-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-16-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-17-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-18-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-19-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-20-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-21-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-22-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-23-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-24-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-25-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-26-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-27-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-28-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-29-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
2-30-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-31-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-32-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-33-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-34-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-35-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-36-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-37-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-38-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-39-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-40-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-41-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-42-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-43-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-44-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-45-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-46-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
2-47-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-1-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-2-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-3-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-4-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-5-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-6-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-7-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-8-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-9-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-10-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-11-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-12-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-13-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-14-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-15-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-16-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-17-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-18-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-19-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-20-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-21-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-22-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-23-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-24-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-25-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-26-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-27-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-28-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-29-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-30-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-31-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-32-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-33-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-34-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-35-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-36-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
3-37-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-38-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-39-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-40-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-41-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-42-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-43-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-44-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-45-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-46-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
3-47-P	87	100	0.00	0.000	0	0	0	0	100.000 (1)
5-1-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-2-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-3-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-4-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-5-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-6-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-7-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-8-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-9-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-10-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-11-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-12-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-13-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-14-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-15-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-16-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-17-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-18-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-19-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-20-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-21-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-22-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-23-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-24-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-25-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-26-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-27-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-28-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-29-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-30-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-31-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-32-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-33-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-34-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-35-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-36-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-37-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-38-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-39-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-40-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-41-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-42-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-43-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
5-44-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-45-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-46-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-47-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
6-1-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-2-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-3-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-4-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-5-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-6-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-7-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-8-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-9-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-10-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-11-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-12-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-13-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
6-14-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-1-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-2-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-3-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-4-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-5-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-6-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-7-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-8-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-9-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-10-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-11-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-12-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-13-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
7-14-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-1-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-2-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-3-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-4-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-5-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-6-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-7-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-8-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-9-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-10-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-11-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-12-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-13-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
8-14-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-1-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-2-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-3-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-4-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-5-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-6-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-7-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-8-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
9-9-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-10-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-11-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-12-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-13-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
9-14-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-1-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-2-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-3-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-4-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-5-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-6-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-7-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-8-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-9-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-10-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-11-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-12-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-13-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
10-14-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-1-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-2-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-3-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-4-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-5-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-6-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-7-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-8-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-9-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-10-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-11-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-12-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-13-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
11-14-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-1-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-2-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-3-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-4-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-5-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-6-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-7-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-8-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-9-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-10-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-11-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-12-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-13-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
12-14-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-1-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-2-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-3-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-4-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-5-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-6-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
13-7-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-8-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-9-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-10-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-11-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-12-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-13-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
13-14-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-1-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-2-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-3-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-4-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-5-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-6-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-7-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-8-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-9-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-10-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-11-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-12-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-13-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
14-14-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-1-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-2-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-3-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-4-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-5-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-6-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-7-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-8-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-9-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-10-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-11-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-12-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-13-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
15-14-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-1-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-2-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-3-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-4-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-5-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-6-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-7-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-8-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-9-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-10-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-11-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-12-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-13-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
16-14-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-1-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-2-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-3-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-4-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
17-5-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-6-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-7-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-8-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-9-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-10-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-11-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-12-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-13-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)
17-14-S	94	100	0.00	0.000	0	0	0	0	100.000 (1)

Pali in c.a.

La verifica a taglio sui pali circolari in c.a. viene eseguita considerando una sezione quadrata inscritta nella circonferenza. Se D è il diametro del palo, il lato della sezione quadrata sulla quale si esegue la verifica è $L = 2^{0.5}/2\ D$.

Ip	Is	L	A_{sw}	s	cotgθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
		[cm]	*[cmq]*	*[cm]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
1	13	56.57	157.08	13	2.500	82684	54053	54053	39836	1.357
2	13	56.57	157.08	13	2.500	102556	54053	54053	39836	1.357

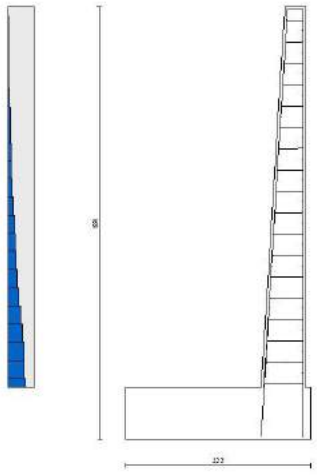

Fig. 57 - Paramento (Inviluppo)

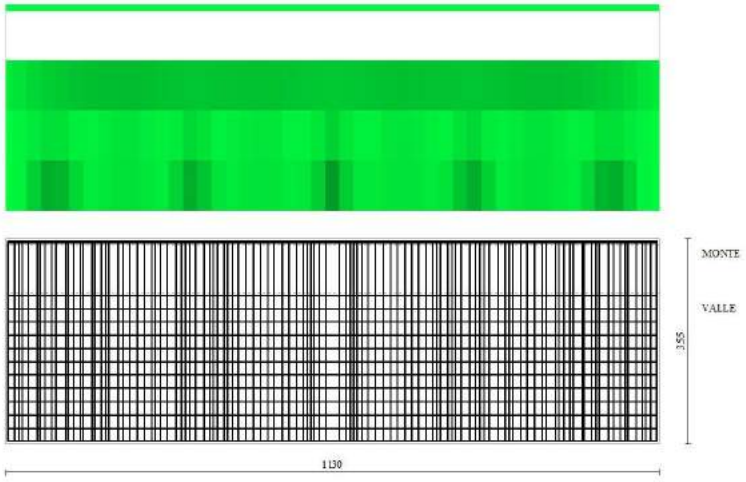

Fig. 58 - Piastra fondazione dir. X (Inviluppo)

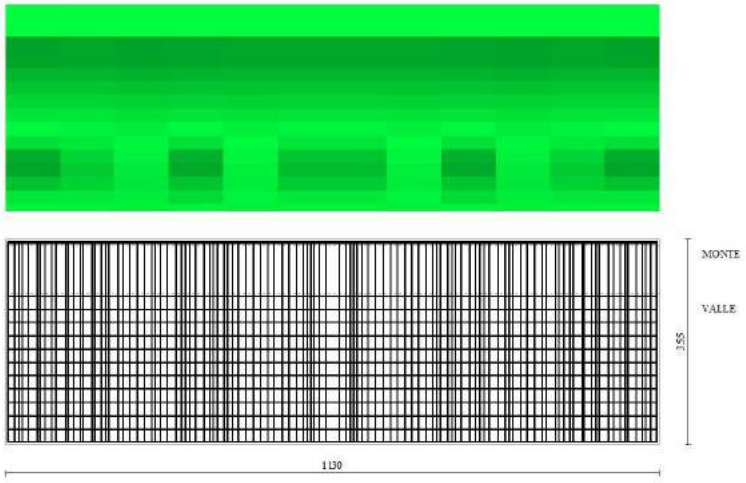

Fig. 59 - Piastra fondazione dir. Y (Inviluppo)

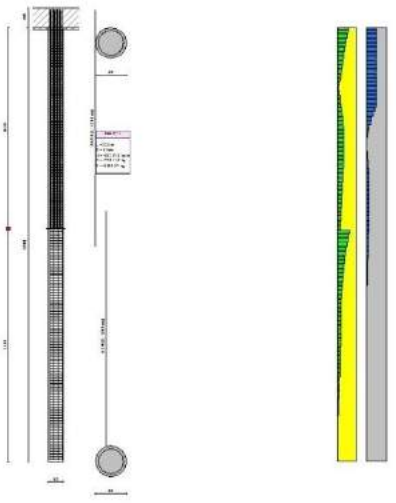

Fig. 60 - Pali (Palo n° 1) (Inviluppo)

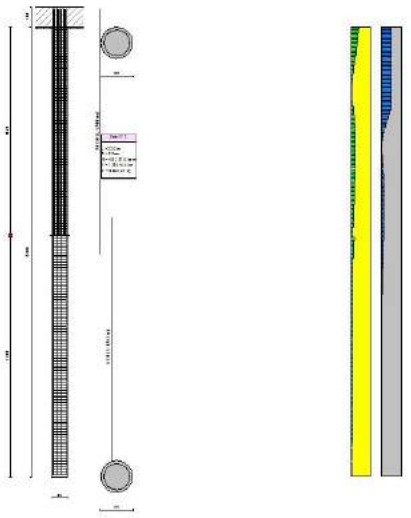

Fig. 61 - Pali (Palo n° 2) (Inviluppo)

Verifica a punzonamento

Simbologia adottata

OP Oggetto che viene punzonato

P Oggetto che punzona

c_1, c_2 Dimensioni pilastro nelle due direzioni, espressa in [mm]

d Altezza utile della fondazione, espressa in [mm]

u_0 Lunghezza perimetro di verifica a faccia pilastro, espresso in [mm]

u_1 Lunghezza perimetro di verifica per effetto della diffusione, espresso in [mm]

ρ_y, ρ_z Percentuali di armatura piastra in zona tesa

dpc, duc distanza della prima e dell'ultima cucitura dalla faccia del pilastro

$V_{Ed,i}$ Tensione di taglio sul perimetro del pilastro, espressa in [kg/cmq]

$V_{Rd,max}$ Valore di progetto del massimo taglio-punzonamento resistente, espressa in [kg/cmq]

$V_{Ed,f}$ Tensione di taglio sul perimetro di verifica u1, espresso in [kg/cmq]

$V_{Rd,cf}$ Valore di progetto del taglio-punzonamento resistente senza armature sul perimetro di verifica u1, espresso in [kg/cmq]

$V_{Rd,cs}$ Valore di progetto del taglio-punzonamento resistente con armature, espresso in [kg/cmq]

nsc Numero di serie di cuciture

nc Numero di cuciture

FS Fattore di sicurezza (minore tra i rapporti $V_{Rd,max}/V_{Ed,i}$, $V_{Rd,cf}/V_{Ed,f}$ e $V_{Rd,cs}/V_{Ed,f}$)

Verifica delle tensioni

Simbologia adottata

n° indice sezione

Y ordinata sezione, espressa in [m]

B larghezza sezione, espresso in [cm]

H altezza sezione, espressa in [cm]

Afiarea ferri inferiori, espresso in [cmq]

Afs area ferri superiori, espressa in [cmq]

M momento agente, espressa in [kgm]

N sforzo normale agente, espressa in [kg]

σctensione di compressione nel cls, espressa in [kg/cmq]
σfitensione nei ferri inferiori, espressa in [kg/cmq]
σfs tensione nei ferri superiori, espressa in [kg/cmq]

Combinazioni SLER

Paramento

Tensione massima di compressione nel calcestruzzo203.12 [kg/cmq]
Tensione massima di trazione dell'acciaio3670.40[kg/cmq]

n°	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kg]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	100	40	12.57	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
2	100	42	12.57	12.57	-2	357	0.08 (10)	1.23 (10)	1.10 (10)
3	100	44	12.57	12.57	-8	732	0.17 (10)	2.53 (10)	2.04 (10)
4	100	46	12.57	12.57	-18	1126	0.27 (10)	3.89 (10)	2.85 (10)
5	100	49	12.57	12.57	-32	1538	0.36 (10)	5.28 (10)	3.54 (10)
6	100	51	12.57	12.57	-50	1969	0.46 (10)	6.70 (10)	4.16 (10)
7	100	53	12.57	12.57	-59	2418	0.54 (10)	7.81 (10)	5.02 (10)
8	100	55	12.57	12.57	-28	2886	0.54 (10)	8.00 (10)	6.76 (10)
9	100	57	12.57	12.57	74	3372	0.67 (10)	6.80 (10)	9.85 (10)
10	100	59	12.57	12.57	278	3877	1.03 (10)	3.84 (10)	14.65 (10)
11	100	61	12.57	12.57	616	4400	1.56 (10)	1.84 (10)	21.69 (10)
12	100	63	12.57	12.57	1120	4942	2.56 (10)	22.58 (10)	34.33 (10)
13	100	66	12.57	12.57	1821	5502	4.15 (10)	75.27 (10)	53.31 (10)
14	100	68	12.57	12.57	2751	6080	6.15 (10)	160.80 (10)	76.40 (10)
15	100	70	12.57	12.57	3943	6677	8.51 (10)	275.76 (10)	103.06 (10)
16	100	72	12.57	12.57	5427	7293	11.21 (10)	419.32 (10)	133.48 (10)
17	100	74	12.57	12.57	7235	7927	14.26 (10)	591.84 (10)	167.88 (10)
18	100	76	12.57	12.57	9400	8579	17.68 (10)	794.00 (10)	206.43 (10)
19	100	78	12.57	12.57	11947	9250	21.45 (10)	1026.00 (10)	249.14 (10)
20	100	80	12.57	12.57	14886	9940	25.54 (10)	1286.18 (10)	295.68 (10)
21	100	83	12.57	18.85	18219	10648	25.81 (10)	1071.00 (10)	312.87 (10)
22	100	85	12.57	18.85	21944	11374	29.73 (10)	1280.25 (10)	360.39 (10)

Piastra fondazione

Tensione massima di compressione nel calcestruzzo203.12 [kg/cmq]
Tensione massima di trazione dell'acciaio3670.40[kg/cmq]

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1-1-P	87	100	8.04	8.04	588	-191	0.69 (10)	60.19 (10)	17.63 (10)
1-2-P	87	100	8.04	8.04	402	-1383	1.59 (10)	112.04 (10)	138.30 (10)
1-3-P	87	100	8.04	8.04	1169	-6265	7.30 (10)	242.93 (10)	634.39 (10)
1-4-P	87	100	8.04	8.04	133	-10814	12.31 (10)	132.36 (10)	1069.46 (10)
1-5-P	87	100	8.04	8.04	95	-9968	11.35 (10)	122.09 (10)	986.51 (10)
1-6-P	87	100	8.04	8.04	1566	-5089	6.06 (10)	277.99 (10)	526.49 (10)
1-7-P	87	100	8.04	8.04	1875	-841	2.85 (10)	247.31 (10)	97.15 (10)
1-8-P	87	100	8.04	8.04	3197	-37	3.60 (10)	313.05 (10)	38.74 (10)
1-9-P	87	100	8.04	8.04	4028	-8	4.48 (10)	388.90 (10)	48.13 (10)
1-10-P	87	100	8.04	8.04	4151	-54	4.60 (10)	399.74 (10)	49.47 (10)
1-11-P	87	100	8.04	8.04	3373	-335	3.76 (10)	326.63 (10)	40.42 (10)
1-12-P	87	100	8.04	8.04	2307	-2194	2.69 (10)	229.95 (10)	234.13 (10)
1-13-P	87	100	8.04	8.04	1221	-5724	6.88 (10)	153.09 (10)	597.61 (10)
1-14-P	87	100	8.04	8.04	34	-10874	12.54 (10)	134.91 (10)	1090.09 (10)
1-15-P	87	100	8.04	8.04	234	-7701	9.03 (10)	97.14 (10)	784.87 (10)
1-16-P	87	100	8.04	8.04	1581	-3572	4.41 (10)	163.05 (10)	382.94 (10)
1-17-P	87	100	8.04	8.04	2640	-328	3.67 (10)	319.07 (10)	43.76 (10)
1-18-P	87	100	8.04	8.04	3517	-36	3.79 (10)	329.04 (10)	40.72 (10)
1-19-P	87	100	8.04	8.04	3922	-1	4.21 (10)	365.72 (10)	45.26 (10)
1-20-P	87	100	8.04	8.04	3720	-46	4.00 (10)	347.60 (10)	43.02 (10)
1-21-P	87	100	8.04	8.04	2841	-332	3.08 (10)	267.98 (10)	38.64 (10)
1-22-P	87	100	8.04	8.04	1751	-2936	3.63 (10)	174.73 (10)	315.25 (10)
1-23-P	87	100	8.04	8.04	326	-6584	7.84 (10)	84.28 (10)	681.03 (10)
1-24-P	87	100	8.04	8.04	0	-12575	15.24 (10)	163.86 (10)	1324.01 (10)
1-25-P	87	100	8.04	8.04	326	-6584	7.84 (10)	84.28 (10)	681.03 (10)
1-26-P	87	100	8.04	8.04	1751	-2936	3.63 (10)	174.73 (10)	315.25 (10)
1-27-P	87	100	8.04	8.04	2841	-332	3.08 (10)	267.98 (10)	38.64 (10)
1-28-P	87	100	8.04	8.04	3720	-46	4.00 (10)	347.60 (10)	43.02 (10)
1-29-P	87	100	8.04	8.04	3922	-1	4.21 (10)	365.72 (10)	45.26 (10)
1-30-P	87	100	8.04	8.04	3517	-36	3.79 (10)	329.04 (10)	40.72 (10)
1-31-P	87	100	8.04	8.04	2640	-328	3.67 (10)	319.07 (10)	43.76 (10)
1-32-P	87	100	8.04	8.04	1581	-3572	4.41 (10)	163.05 (10)	382.94 (10)
1-33-P	87	100	8.04	8.04	234	-7701	9.03 (10)	97.14 (10)	784.87 (10)
1-34-P	87	100	8.04	8.04	34	-10874	12.54 (10)	134.91 (10)	1090.09 (10)
1-35-P	87	100	8.04	8.04	1221	-5724	6.88 (10)	153.09 (10)	597.61 (10)
1-36-P	87	100	8.04	8.04	2307	-2194	2.69 (10)	229.95 (10)	234.13 (10)
1-37-P	87	100	8.04	8.04	3373	-335	3.76 (10)	326.63 (10)	40.42 (10)
1-38-P	87	100	8.04	8.04	4151	-54	4.60 (10)	399.74 (10)	49.47 (10)
1-39-P	87	100	8.04	8.04	4028	-8	4.48 (10)	388.90 (10)	48.13 (10)
1-40-P	87	100	8.04	8.04	3197	-37	3.60 (10)	313.05 (10)	38.74 (10)
1-41-P	87	100	8.04	8.04	1875	-841	2.85 (10)	247.31 (10)	97.15 (10)
1-42-P	87	100	8.04	8.04	1566	-5089	6.06 (10)	277.99 (10)	526.49 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1-43-P	87	100	8.04	8.04	95	-9968	11.35 (10)	122.09 (10)	986.51 (10)
1-44-P	87	100	8.04	8.04	133	-10814	12.31 (10)	132.36 (10)	1069.46 (10)
1-45-P	87	100	8.04	8.04	1169	-6265	7.30 (10)	242.93 (10)	634.39 (10)
1-46-P	87	100	8.04	8.04	402	-1383	1.59 (10)	112.04 (10)	138.30 (10)
1-47-P	87	100	8.04	8.04	588	-191	0.69 (10)	60.19 (10)	17.63 (10)
2-1-P	87	100	8.04	8.04	387	-328	0.47 (10)	40.64 (10)	33.52 (10)
2-2-P	87	100	8.04	8.04	226	-969	1.73 (11)	46.17 (11)	150.29 (11)
2-3-P	87	100	8.04	8.04	312	-2077	2.41 (10)	39.01 (10)	209.49 (10)
2-4-P	87	100	8.04	8.04	267	-3408	4.83 (10)	54.30 (10)	419.37 (10)
2-5-P	87	100	8.04	8.04	397	-3046	4.66 (10)	76.26 (10)	404.77 (10)
2-6-P	87	100	8.04	8.04	514	-1062	2.60 (11)	138.25 (11)	226.01 (11)
2-7-P	87	100	8.04	8.04	905	-279	2.36 (12)	205.31 (12)	94.79 (12)
2-8-P	87	100	8.04	8.04	2809	0	2.68 (10)	232.84 (10)	28.82 (10)
2-9-P	87	100	8.04	8.04	3759	-2	3.74 (10)	325.28 (10)	40.26 (10)
2-10-P	87	100	8.04	8.04	3803	-4	3.76 (10)	327.03 (10)	40.47 (10)
2-11-P	87	100	8.04	8.04	2632	-106	2.45 (10)	213.16 (10)	46.66 (10)
2-12-P	87	100	8.04	8.04	1579	-534	1.71 (10)	148.18 (10)	121.96 (10)
2-13-P	87	100	8.04	8.04	918	-1563	3.40 (10)	131.80 (10)	295.15 (10)
2-14-P	87	100	8.04	8.04	585	-3393	5.85 (10)	108.25 (10)	508.19 (10)
2-15-P	87	100	8.04	8.04	663	-2377	4.49 (10)	107.93 (10)	389.74 (10)
2-16-P	87	100	8.04	8.04	658	-847	2.16 (11)	164.00 (11)	187.46 (11)
2-17-P	87	100	8.04	8.04	949	-201	1.86 (12)	161.38 (12)	68.53 (12)
2-18-P	87	100	8.04	8.04	2951	-1	2.68 (10)	232.54 (10)	28.78 (10)
2-19-P	87	100	8.04	8.04	3466	0	3.27 (10)	284.51 (10)	35.21 (10)
2-20-P	87	100	8.04	8.04	3188	-4	2.95 (10)	256.69 (10)	31.77 (10)
2-21-P	87	100	8.04	8.04	1034	-161	2.02 (12)	175.89 (12)	54.84 (12)
2-22-P	87	100	8.04	8.04	709	-777	2.02 (11)	120.63 (11)	175.16 (11)
2-23-P	87	100	8.04	8.04	624	-2116	4.05 (10)	97.88 (10)	352.03 (10)
2-24-P	87	100	8.04	8.04	442	-4057	6.95 (10)	84.92 (10)	604.02 (10)
2-25-P	87	100	8.04	8.04	624	-2116	4.05 (10)	97.88 (10)	352.03 (10)
2-26-P	87	100	8.04	8.04	709	-777	2.02 (11)	120.63 (11)	175.16 (11)
2-27-P	87	100	8.04	8.04	1034	-161	2.02 (12)	175.89 (12)	54.84 (12)
2-28-P	87	100	8.04	8.04	3188	-4	2.95 (10)	256.69 (10)	31.77 (10)
2-29-P	87	100	8.04	8.04	3466	0	3.27 (10)	284.51 (10)	35.21 (10)
2-30-P	87	100	8.04	8.04	2951	-1	2.68 (10)	232.54 (10)	28.78 (10)
2-31-P	87	100	8.04	8.04	949	-201	1.86 (12)	161.38 (12)	68.53 (12)
2-32-P	87	100	8.04	8.04	658	-847	2.16 (11)	164.00 (11)	187.46 (11)
2-33-P	87	100	8.04	8.04	663	-2377	4.49 (10)	107.93 (10)	389.74 (10)
2-34-P	87	100	8.04	8.04	585	-3393	5.85 (10)	108.25 (10)	508.19 (10)
2-35-P	87	100	8.04	8.04	918	-1563	3.40 (10)	131.80 (10)	295.15 (10)
2-36-P	87	100	8.04	8.04	1579	-534	1.71 (10)	148.18 (10)	121.96 (10)
2-37-P	87	100	8.04	8.04	2632	-106	2.45 (10)	213.16 (10)	46.66 (10)
2-38-P	87	100	8.04	8.04	3803	-4	3.76 (10)	327.03 (10)	40.47 (10)
2-39-P	87	100	8.04	8.04	3759	-2	3.74 (10)	325.28 (10)	40.26 (10)
2-40-P	87	100	8.04	8.04	2809	0	2.68 (10)	232.84 (10)	28.82 (10)
2-41-P	87	100	8.04	8.04	905	-279	2.36 (12)	205.31 (12)	94.79 (12)
2-42-P	87	100	8.04	8.04	514	-1062	2.60 (11)	138.25 (11)	226.01 (11)
2-43-P	87	100	8.04	8.04	397	-3046	4.66 (10)	76.26 (10)	404.77 (10)
2-44-P	87	100	8.04	8.04	267	-3408	4.83 (10)	54.30 (10)	419.37 (10)
2-45-P	87	100	8.04	8.04	312	-2077	2.41 (10)	39.01 (10)	209.49 (10)
2-46-P	87	100	8.04	8.04	226	-969	1.73 (11)	46.17 (11)	150.29 (11)
2-47-P	87	100	8.04	8.04	387	-328	0.47 (10)	40.64 (10)	33.52 (10)
3-1-P	87	100	8.04	8.04	2477	-54	2.57 (10)	223.33 (10)	27.64 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
3-2-P	87	100	8.04	8.04	3609	0	3.73 (10)	324.48 (10)	40.16 (10)
3-3-P	87	100	8.04	8.04	5049	0	5.18 (10)	450.52 (10)	55.76 (10)
3-4-P	87	100	8.04	8.04	6205	0	6.34 (10)	550.61 (10)	68.14 (10)
3-5-P	87	100	8.04	8.04	7005	0	7.13 (10)	619.83 (10)	76.71 (10)
3-6-P	87	100	8.04	8.04	7603	0	7.73 (10)	671.90 (10)	83.15 (10)
3-7-P	87	100	8.04	8.04	8054	0	8.20 (10)	712.31 (10)	88.15 (10)
3-8-P	87	100	8.04	8.04	8338	0	8.49 (10)	737.48 (10)	91.27 (10)
3-9-P	87	100	8.04	8.04	8467	0	8.61 (10)	748.08 (10)	92.58 (10)
3-10-P	87	100	8.04	8.04	8417	0	8.53 (10)	741.32 (10)	91.74 (10)
3-11-P	87	100	8.04	8.04	8144	0	8.20 (10)	712.72 (10)	88.21 (10)
3-12-P	87	100	8.04	8.04	7825	0	7.82 (10)	679.70 (10)	84.12 (10)
3-13-P	87	100	8.04	8.04	7502	0	7.44 (10)	646.56 (10)	80.02 (10)
3-14-P	87	100	8.04	8.04	7303	0	7.21 (10)	626.31 (10)	77.51 (10)
3-15-P	87	100	8.04	8.04	7305	0	7.21 (10)	626.61 (10)	77.55 (10)
3-16-P	87	100	8.04	8.04	7424	0	7.35 (10)	638.96 (10)	79.08 (10)
3-17-P	87	100	8.04	8.04	7639	0	7.61 (10)	661.17 (10)	81.83 (10)
3-18-P	87	100	8.04	8.04	7806	0	7.81 (10)	678.36 (10)	83.95 (10)
3-19-P	87	100	8.04	8.04	7856	0	7.87 (10)	683.66 (10)	84.61 (10)
3-20-P	87	100	8.04	8.04	7786	0	7.79 (10)	676.73 (10)	83.75 (10)
3-21-P	87	100	8.04	8.04	7555	0	7.52 (10)	653.32 (10)	80.85 (10)
3-22-P	87	100	8.04	8.04	7283	0	7.20 (10)	625.69 (10)	77.43 (10)
3-23-P	87	100	8.04	8.04	7060	0	6.94 (10)	603.08 (10)	74.64 (10)
3-24-P	87	100	8.04	8.04	6930	0	6.79 (10)	589.84 (10)	73.00 (10)
3-25-P	87	100	8.04	8.04	7060	0	6.94 (10)	603.08 (10)	74.64 (10)
3-26-P	87	100	8.04	8.04	7283	0	7.20 (10)	625.69 (10)	77.43 (10)
3-27-P	87	100	8.04	8.04	7555	0	7.52 (10)	653.32 (10)	80.85 (10)
3-28-P	87	100	8.04	8.04	7786	0	7.79 (10)	676.73 (10)	83.75 (10)
3-29-P	87	100	8.04	8.04	7856	0	7.87 (10)	683.66 (10)	84.61 (10)
3-30-P	87	100	8.04	8.04	7806	0	7.81 (10)	678.36 (10)	83.95 (10)
3-31-P	87	100	8.04	8.04	7639	0	7.61 (10)	661.17 (10)	81.83 (10)
3-32-P	87	100	8.04	8.04	7424	0	7.35 (10)	638.96 (10)	79.08 (10)
3-33-P	87	100	8.04	8.04	7305	0	7.21 (10)	626.61 (10)	77.55 (10)
3-34-P	87	100	8.04	8.04	7303	0	7.21 (10)	626.31 (10)	77.51 (10)
3-35-P	87	100	8.04	8.04	7502	0	7.44 (10)	646.56 (10)	80.02 (10)
3-36-P	87	100	8.04	8.04	7825	0	7.82 (10)	679.70 (10)	84.12 (10)
3-37-P	87	100	8.04	8.04	8144	0	8.20 (10)	712.72 (10)	88.21 (10)
3-38-P	87	100	8.04	8.04	8417	0	8.53 (10)	741.32 (10)	91.74 (10)
3-39-P	87	100	8.04	8.04	8467	0	8.61 (10)	748.08 (10)	92.58 (10)
3-40-P	87	100	8.04	8.04	8338	0	8.49 (10)	737.48 (10)	91.27 (10)
3-41-P	87	100	8.04	8.04	8054	0	8.20 (10)	712.31 (10)	88.15 (10)
3-42-P	87	100	8.04	8.04	7603	0	7.73 (10)	671.90 (10)	83.15 (10)
3-43-P	87	100	8.04	8.04	7005	0	7.13 (10)	619.83 (10)	76.71 (10)
3-44-P	87	100	8.04	8.04	6205	0	6.34 (10)	550.61 (10)	68.14 (10)
3-45-P	87	100	8.04	8.04	5049	0	5.18 (10)	450.52 (10)	55.76 (10)
3-46-P	87	100	8.04	8.04	3609	0	3.73 (10)	324.48 (10)	40.16 (10)
3-47-P	87	100	8.04	8.04	2477	-54	2.57 (10)	223.33 (10)	27.64 (10)
5-1-P	10	100	4.02	4.02	1	-1	0.01 (10)	0.28 (10)	0.24 (10)
5-2-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.12 (10)	0.26 (10)
5-3-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.36 (10)
5-4-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-5-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.09 (10)	0.31 (10)
5-6-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-7-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-8-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-9-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-10-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-11-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-12-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-13-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-14-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-15-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-16-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-17-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-18-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-19-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-20-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-21-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-22-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-23-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-24-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-25-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-26-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-27-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-28-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-29-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-30-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-31-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-32-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-33-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-34-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-35-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-36-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-37-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-38-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-39-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-40-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-41-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-42-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-43-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.09 (10)	0.31 (10)
5-44-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-45-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.36 (10)
5-46-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.12 (10)	0.26 (10)
5-47-P	10	100	4.02	4.02	1	-1	0.01 (10)	0.28 (10)	0.24 (10)
6-1-S	94	100	31.42	12.57	2821	-2183	3.09 (10)	131.59 (10)	147.16 (10)
6-2-S	94	100	31.42	12.57	6802	-4479	5.90 (10)	251.19 (10)	302.86 (10)
6-3-S	94	100	31.42	12.57	382	-12348	10.09 (10)	110.28 (10)	833.23 (10)
6-4-S	94	100	31.42	12.57	111	-18192	15.30 (10)	167.33 (10)	1264.31 (10)
6-5-S	94	100	31.42	12.57	0	-16345	14.41 (10)	157.58 (10)	1190.68 (10)
6-6-S	94	100	31.42	12.57	23	-6025	6.35 (12)	69.44 (12)	524.65 (12)
6-7-S	94	100	31.42	12.57	1326	-686	1.41 (12)	59.85 (12)	59.72 (12)
6-8-S	94	100	31.42	12.57	12270	0	5.88 (10)	250.36 (10)	74.16 (10)
6-9-S	94	100	31.42	12.57	20618	0	10.90 (10)	463.55 (10)	137.31 (10)
6-10-S	94	100	31.42	12.57	28408	0	15.54 (10)	661.12 (10)	195.83 (10)
6-11-S	94	100	31.42	12.57	36594	0	20.38 (10)	867.11 (10)	256.85 (10)
6-12-S	94	100	31.42	12.57	45377	0	25.54 (10)	1086.60 (10)	321.86 (10)
6-13-S	94	100	31.42	12.57	0	-76	0.08 (10)	0.87 (10)	6.59 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
6-14-S	94	100	31.42	12.57	2	-1	0.00 (10)	0.06 (10)	0.08 (10)
7-1-S	94	100	31.42	12.57	1031	-2148	1.79 (10)	29.84 (10)	147.55 (10)
7-2-S	94	100	31.42	12.57	2103	-4655	3.86 (10)	73.87 (10)	318.62 (10)
7-3-S	94	100	31.42	12.57	463	-9003	7.53 (10)	82.35 (10)	622.23 (10)
7-4-S	94	100	31.42	12.57	174	-10428	9.05 (10)	98.94 (10)	747.59 (10)
7-5-S	94	100	31.42	12.57	9	-8200	7.71 (10)	84.32 (10)	637.10 (10)
7-6-S	94	100	31.42	12.57	386	-2627	3.63 (11)	39.63 (11)	299.47 (11)
7-7-S	94	100	31.42	12.57	5781	-12	2.14 (10)	91.12 (10)	26.99 (10)
7-8-S	94	100	31.42	12.57	13203	0	6.50 (10)	276.74 (10)	81.97 (10)
7-9-S	94	100	31.42	12.57	20710	0	10.94 (10)	465.47 (10)	137.88 (10)
7-10-S	94	100	31.42	12.57	28151	0	15.29 (10)	650.66 (10)	192.73 (10)
7-11-S	94	100	31.42	12.57	35571	0	19.60 (10)	833.76 (10)	246.97 (10)
7-12-S	94	100	31.42	12.57	42978	0	23.85 (10)	1014.84 (10)	300.61 (10)
7-13-S	94	100	31.42	12.57	0	-75	0.08 (10)	0.86 (10)	6.52 (10)
7-14-S	94	100	31.42	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
8-1-S	94	100	28.27	12.57	505	-1590	2.21 (10)	24.28 (10)	178.69 (10)
8-2-S	94	100	28.27	12.57	342	-3213	2.75 (10)	30.30 (10)	223.02 (10)
8-3-S	94	100	28.27	12.57	419	-4473	4.00 (10)	44.00 (10)	323.88 (10)
8-4-S	94	100	28.27	12.57	280	-3981	3.90 (10)	42.87 (10)	315.55 (10)
8-5-S	94	100	28.27	12.57	64	-2561	2.76 (12)	30.32 (12)	223.17 (12)
8-6-S	94	100	28.27	12.57	658	-527	1.42 (12)	26.28 (12)	114.88 (12)
8-7-S	94	100	28.27	12.57	7516	0	3.39 (10)	153.77 (10)	42.38 (10)
8-8-S	94	100	28.27	12.57	13661	0	7.10 (10)	321.58 (10)	88.62 (10)
8-9-S	94	100	28.27	12.57	20325	0	11.13 (10)	504.22 (10)	138.96 (10)
8-10-S	94	100	28.27	12.57	27132	0	15.22 (10)	689.67 (10)	190.07 (10)
8-11-S	94	100	28.27	12.57	33863	0	19.24 (10)	871.73 (10)	240.24 (10)
8-12-S	94	100	28.27	12.57	40476	0	23.16 (10)	1049.16 (10)	289.14 (10)
8-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
8-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
9-1-S	94	100	28.27	15.71	3783	-1765	2.54 (10)	117.35 (10)	96.88 (10)
9-2-S	94	100	28.27	15.71	8959	-4648	10.07 (10)	464.63 (10)	251.95 (10)
9-3-S	94	100	28.27	15.71	706	-14319	10.88 (10)	124.27 (10)	770.68 (10)
9-4-S	94	100	28.27	15.71	332	-21684	16.96 (10)	193.79 (10)	1201.80 (10)
9-5-S	94	100	28.27	15.71	0	-19309	15.80 (10)	180.52 (10)	1119.50 (10)
9-6-S	94	100	28.27	15.71	20	-6922	6.79 (10)	77.51 (10)	480.70 (10)
9-7-S	94	100	28.27	15.71	659	-384	0.71 (12)	32.86 (12)	33.60 (12)
9-8-S	94	100	28.27	15.71	11632	0	5.58 (10)	257.40 (10)	69.47 (10)
9-9-S	94	100	28.27	15.71	19227	0	10.18 (10)	469.49 (10)	126.71 (10)
9-10-S	94	100	28.27	15.71	26208	0	14.32 (10)	660.90 (10)	178.37 (10)
9-11-S	94	100	28.27	15.71	32986	0	18.31 (10)	844.98 (10)	228.05 (10)
9-12-S	94	100	28.27	15.71	39600	0	22.17 (10)	1022.98 (10)	276.09 (10)
9-13-S	94	100	28.27	15.71	0	-75	0.07 (10)	0.85 (10)	5.24 (10)
9-14-S	94	100	28.27	15.71	0	0	0.00 (10)	0.00 (10)	0.00 (10)
10-1-S	94	100	28.27	12.57	408	-1090	2.28 (10)	25.07 (10)	184.51 (10)
10-2-S	94	100	28.27	12.57	210	-2346	2.05 (10)	22.55 (10)	165.97 (10)
10-3-S	94	100	28.27	12.57	157	-3461	3.18 (10)	35.01 (10)	257.71 (10)
10-4-S	94	100	28.27	12.57	62	-3144	3.24 (10)	35.64 (10)	262.30 (10)
10-5-S	94	100	28.27	12.57	5	-2175	2.34 (12)	25.76 (12)	189.59 (12)
10-6-S	94	100	28.27	12.57	472	-228	1.23 (12)	18.87 (12)	99.28 (12)
10-7-S	94	100	28.27	12.57	7267	0	3.26 (10)	147.55 (10)	40.66 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
10-8-S	94	100	28.27	12.57	13027	0	6.71 (10)	304.08 (10)	83.80 (10)
10-9-S	94	100	28.27	12.57	19307	0	10.50 (10)	475.66 (10)	131.09 (10)
10-10-S	94	100	28.27	12.57	25732	0	14.35 (10)	650.33 (10)	179.23 (10)
10-11-S	94	100	28.27	12.57	32081	0	18.14 (10)	821.89 (10)	226.51 (10)
10-12-S	94	100	28.27	12.57	38313	0	21.83 (10)	989.07 (10)	272.58 (10)
10-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
10-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
11-1-S	94	100	28.27	12.57	2004	-2169	1.82 (10)	62.37 (10)	147.08 (10)
11-2-S	94	100	28.27	12.57	4479	-4258	3.59 (10)	139.88 (10)	290.51 (10)
11-3-S	94	100	28.27	12.57	594	-10151	8.54 (10)	93.92 (10)	691.26 (10)
11-4-S	94	100	28.27	12.57	281	-13582	11.79 (10)	129.71 (10)	954.69 (10)
11-5-S	94	100	28.27	12.57	25	-11449	10.58 (10)	116.38 (10)	856.54 (10)
11-6-S	94	100	28.27	12.57	204	-3840	4.23 (11)	46.56 (11)	342.69 (11)
11-7-S	94	100	28.27	12.57	1791	-256	1.97 (12)	89.44 (12)	55.77 (12)
11-8-S	94	100	28.27	12.57	11816	0	5.87 (10)	265.99 (10)	73.31 (10)
11-9-S	94	100	28.27	12.57	18785	0	10.14 (10)	459.46 (10)	126.62 (10)
11-10-S	94	100	28.27	12.57	25448	0	14.17 (10)	641.94 (10)	176.91 (10)
11-11-S	94	100	28.27	12.57	31967	0	18.08 (10)	819.07 (10)	225.73 (10)
11-12-S	94	100	28.27	12.57	38353	0	21.88 (10)	991.17 (10)	273.16 (10)
11-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
11-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
12-1-S	94	100	28.27	12.57	2004	-2169	1.82 (10)	62.37 (10)	147.08 (10)
12-2-S	94	100	28.27	12.57	4479	-4258	3.59 (10)	139.88 (10)	290.51 (10)
12-3-S	94	100	28.27	12.57	594	-10151	8.54 (10)	93.92 (10)	691.26 (10)
12-4-S	94	100	28.27	12.57	281	-13582	11.79 (10)	129.71 (10)	954.69 (10)
12-5-S	94	100	28.27	12.57	25	-11449	10.58 (10)	116.38 (10)	856.54 (10)
12-6-S	94	100	28.27	12.57	204	-3840	4.23 (11)	46.56 (11)	342.69 (11)
12-7-S	94	100	28.27	12.57	1791	-256	1.97 (12)	89.44 (12)	55.77 (12)
12-8-S	94	100	28.27	12.57	11816	0	5.87 (10)	265.99 (10)	73.31 (10)
12-9-S	94	100	28.27	12.57	18785	0	10.14 (10)	459.46 (10)	126.62 (10)
12-10-S	94	100	28.27	12.57	25448	0	14.17 (10)	641.94 (10)	176.91 (10)
12-11-S	94	100	28.27	12.57	31967	0	18.08 (10)	819.07 (10)	225.73 (10)
12-12-S	94	100	28.27	12.57	38353	0	21.88 (10)	991.17 (10)	273.16 (10)
12-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
12-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
13-1-S	94	100	28.27	12.57	408	-1090	2.28 (10)	25.07 (10)	184.51 (10)
13-2-S	94	100	28.27	12.57	210	-2346	2.05 (10)	22.55 (10)	165.97 (10)
13-3-S	94	100	28.27	12.57	157	-3461	3.18 (10)	35.01 (10)	257.71 (10)
13-4-S	94	100	28.27	12.57	62	-3144	3.24 (10)	35.64 (10)	262.30 (10)
13-5-S	94	100	28.27	12.57	5	-2175	2.34 (12)	25.76 (12)	189.59 (12)
13-6-S	94	100	28.27	12.57	472	-228	1.23 (12)	18.87 (12)	99.28 (12)
13-7-S	94	100	28.27	12.57	7267	0	3.26 (10)	147.55 (10)	40.66 (10)
13-8-S	94	100	28.27	12.57	13027	0	6.71 (10)	304.08 (10)	83.80 (10)
13-9-S	94	100	28.27	12.57	19307	0	10.50 (10)	475.66 (10)	131.09 (10)
13-10-S	94	100	28.27	12.57	25732	0	14.35 (10)	650.33 (10)	179.23 (10)
13-11-S	94	100	28.27	12.57	32081	0	18.14 (10)	821.89 (10)	226.51 (10)
13-12-S	94	100	28.27	12.57	38313	0	21.83 (10)	989.07 (10)	272.58 (10)
13-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
13-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
14-1-S	94	100	28.27	15.71	3783	-1765	2.54 (10)	117.35 (10)	96.88 (10)
14-2-S	94	100	28.27	15.71	8959	-4648	10.07 (10)	464.63 (10)	251.95 (10)
14-3-S	94	100	28.27	15.71	706	-14319	10.88 (10)	124.27 (10)	770.68 (10)
14-4-S	94	100	28.27	15.71	332	-21684	16.96 (10)	193.79 (10)	1201.80 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
14-5-S	94	100	28.27	15.71	0	-19309	15.80 (10)	180.52 (10)	1119.50 (10)
14-6-S	94	100	28.27	15.71	20	-6922	6.79 (10)	77.51 (10)	480.70 (10)
14-7-S	94	100	28.27	15.71	659	-384	0.71 (12)	32.86 (12)	33.60 (12)
14-8-S	94	100	28.27	15.71	11632	0	5.58 (10)	257.40 (10)	69.47 (10)
14-9-S	94	100	28.27	15.71	19227	0	10.18 (10)	469.49 (10)	126.71 (10)
14-10-S	94	100	28.27	15.71	26208	0	14.32 (10)	660.90 (10)	178.37 (10)
14-11-S	94	100	28.27	15.71	32986	0	18.31 (10)	844.98 (10)	228.05 (10)
14-12-S	94	100	28.27	15.71	39600	0	22.17 (10)	1022.98 (10)	276.09 (10)
14-13-S	94	100	28.27	15.71	0	-75	0.07 (10)	0.85 (10)	5.24 (10)
14-14-S	94	100	28.27	15.71	0	0	0.00 (10)	0.00 (10)	0.00 (10)
15-1-S	94	100	28.27	12.57	505	-1590	2.21 (10)	24.28 (10)	178.69 (10)
15-2-S	94	100	28.27	12.57	342	-3213	2.75 (10)	30.30 (10)	223.02 (10)
15-3-S	94	100	28.27	12.57	419	-4473	4.00 (10)	44.00 (10)	323.88 (10)
15-4-S	94	100	28.27	12.57	280	-3981	3.90 (10)	42.87 (10)	315.55 (10)
15-5-S	94	100	28.27	12.57	64	-2561	2.76 (12)	30.32 (12)	223.17 (12)
15-6-S	94	100	28.27	12.57	658	-527	1.42 (12)	26.28 (12)	114.88 (12)
15-7-S	94	100	28.27	12.57	7516	0	3.39 (10)	153.77 (10)	42.38 (10)
15-8-S	94	100	28.27	12.57	13661	0	7.10 (10)	321.58 (10)	88.62 (10)
15-9-S	94	100	28.27	12.57	20325	0	11.13 (10)	504.22 (10)	138.96 (10)
15-10-S	94	100	28.27	12.57	27132	0	15.22 (10)	689.67 (10)	190.07 (10)
15-11-S	94	100	28.27	12.57	33863	0	19.24 (10)	871.73 (10)	240.24 (10)
15-12-S	94	100	28.27	12.57	40476	0	23.16 (10)	1049.16 (10)	289.14 (10)
15-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
15-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
16-1-S	94	100	31.42	12.57	1031	-2148	1.79 (10)	29.84 (10)	147.55 (10)
16-2-S	94	100	31.42	12.57	2103	-4655	3.86 (10)	73.87 (10)	318.62 (10)
16-3-S	94	100	31.42	12.57	463	-9003	7.53 (10)	82.35 (10)	622.23 (10)
16-4-S	94	100	31.42	12.57	174	-10428	9.05 (10)	98.94 (10)	747.59 (10)
16-5-S	94	100	31.42	12.57	9	-8200	7.71 (10)	84.32 (10)	637.10 (10)
16-6-S	94	100	31.42	12.57	386	-2627	3.63 (11)	39.63 (11)	299.47 (11)
16-7-S	94	100	31.42	12.57	5781	-12	2.14 (10)	91.12 (10)	26.99 (10)
16-8-S	94	100	31.42	12.57	13203	0	6.50 (10)	276.74 (10)	81.97 (10)
16-9-S	94	100	31.42	12.57	20710	0	10.94 (10)	465.47 (10)	137.88 (10)
16-10-S	94	100	31.42	12.57	28151	0	15.29 (10)	650.66 (10)	192.73 (10)
16-11-S	94	100	31.42	12.57	35571	0	19.60 (10)	833.76 (10)	246.97 (10)
16-12-S	94	100	31.42	12.57	42978	0	23.85 (10)	1014.84 (10)	300.61 (10)
16-13-S	94	100	31.42	12.57	0	-75	0.08 (10)	0.86 (10)	6.52 (10)
16-14-S	94	100	31.42	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
17-1-S	94	100	31.42	12.57	2821	-2183	3.09 (10)	131.59 (10)	147.16 (10)
17-2-S	94	100	31.42	12.57	6802	-4479	5.90 (10)	251.19 (10)	302.86 (10)
17-3-S	94	100	31.42	12.57	382	-12348	10.09 (10)	110.28 (10)	833.23 (10)
17-4-S	94	100	31.42	12.57	111	-18192	15.30 (10)	167.33 (10)	1264.31 (10)
17-5-S	94	100	31.42	12.57	0	-16345	14.41 (10)	157.58 (10)	1190.68 (10)
17-6-S	94	100	31.42	12.57	23	-6025	6.35 (12)	69.44 (12)	524.65 (12)
17-7-S	94	100	31.42	12.57	1326	-686	1.41 (12)	59.85 (12)	59.72 (12)
17-8-S	94	100	31.42	12.57	12270	0	5.88 (10)	250.36 (10)	74.16 (10)
17-9-S	94	100	31.42	12.57	20618	0	10.90 (10)	463.55 (10)	137.31 (10)
17-10-S	94	100	31.42	12.57	28408	0	15.54 (10)	661.12 (10)	195.83 (10)
17-11-S	94	100	31.42	12.57	36594	0	20.38 (10)	867.11 (10)	256.85 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
17-12-S	94	100	31.42	12.57	45377	0	25.54 (10)	1086.60 (10)	321.86 (10)
17-13-S	94	100	31.42	12.57	0	-76	0.08 (10)	0.87 (10)	6.59 (10)
17-14-S	94	100	31.42	12.57	2	-1	0.00 (10)	0.06 (10)	0.08 (10)

Pali in c.a.

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1	1	169.65	93.19	1970.27		
1	2	169.65	86.69	1845.33		
1	3	169.65	80.18	1720.39		
1	4	169.65	73.67	1595.48		
1	5	169.65	67.16	1470.58		
1	6	169.65	60.65	1345.70		
1	7	169.65	54.14	1220.84		
1	8	169.65	47.62	1096.03		
1	9	169.65	41.09	971.26		
1	10	169.65	34.56	846.56		
1	11	169.65	28.01	721.97		
1	12	169.65	21.43	597.55		
1	13	169.65	15.04	473.41		
1	14	169.65	10.09	349.60		
1	15	169.65	5.18	219.91		
1	16	169.65	0.22	188.00		
1	17	169.65	6.55	318.61		
1	18	169.65	13.55	438.61		
1	19	169.65	20.26	558.97		
1	20	169.65	26.89	679.65		
1	21	169.65	32.47	781.51		
1	22	169.65	37.10	865.91		
1	23	169.65	40.87	934.28		
1	24	169.65	43.85	987.97		
1	25	169.65	46.12	1028.33		
1	26	169.65	47.75	1056.63		
1	27	169.65	48.80	1074.10		
1	28	169.65	49.34	1081.89		
1	29	169.65	49.42	1081.10		
1	30	169.65	49.10	1072.75		
1	31	169.65	48.43	1057.81		
1	32	169.65	47.46	1037.18		
1	33	169.65	46.23	1011.69		
1	34	169.65	44.78	982.11		
1	35	169.65	43.16	949.15		
1	36	169.65	41.38	913.45		
1	37	169.65	39.50	875.62		
1	38	169.65	37.53	836.18		
1	39	169.65	35.50	795.63		
1	40	169.65	33.43	754.39		
1	41	169.65	31.35	712.86		
1	42	169.65	29.27	671.38		
1	43	169.65	27.20	630.25		
1	44	169.65	25.17	589.73		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	45	169.65	23.19	550.05		
1	46	169.65	21.25	511.41		
1	47	169.65	19.38	473.95		
1	48	42.41	39.71	1462.06		
1	49	42.41	35.99	1350.76		
1	50	42.41	32.44	1244.26		
1	51	42.41	29.05	1142.76		
1	52	42.41	25.84	1046.38		
1	53	42.41	22.80	955.22		
1	54	42.41	19.93	869.29		
1	55	42.41	17.23	788.58		
1	56	42.41	14.70	713.05		
1	57	42.41	12.31	642.59		
1	58	42.41	10.07	577.08		
1	59	42.41	7.94	516.34		
1	60	42.41	5.87	460.11		
1	61	42.41	5.39	407.91		
1	62	42.41	4.98	358.12		
1	63	42.41	4.63	305.39		
1	64	42.41	4.32	256.82		
1	65	42.41	4.06	213.03		
1	66	42.41	3.84	188.85		
1	67	42.41	4.18	210.02		
1	68	42.41	4.51	227.21		
1	69	42.41	4.81	240.70		
1	70	42.41	5.08	250.76		
1	71	42.41	5.31	256.13		
1	72	42.41	5.52	257.00		
1	73	42.41	5.71	255.29		
1	74	42.41	5.87	251.56		
1	75	42.41	6.02	246.08		
1	76	42.41	6.14	239.05		
1	77	42.41	6.25	230.67		
1	78	42.41	6.34	221.07		
1	79	42.41	6.42	210.42		
1	80	42.41	6.49	198.85		
1	81	42.41	6.55	186.48		
1	82	42.41	6.60	173.45		
1	83	42.41	6.64	159.87		
1	84	42.41	6.68	145.84		
1	85	42.41	6.72	131.48		
1	86	42.41	6.75	116.87		
1	87	42.41	6.78	102.12		
1	88	42.41	6.82	98.66		
1	89	42.41	6.85	99.58		
1	90	42.41	6.88	100.52		
1	91	42.41	6.92	101.48		
1	92	42.41	6.96	102.49		
1	93	42.41	7.01	103.55		
1	94	42.41	7.06	104.67		
1	95	42.41	7.12	105.85		
1	96	42.41	7.19	107.11		
1	97	42.41	7.26	108.46		
1	98	42.41	7.34	109.89		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	99	42.41	7.44	111.43		
1	100	42.41	7.54	113.07		
1	101	42.41	7.66	114.83		
2	1	169.65	100.35	1281.79		
2	2	169.65	93.79	1159.51		
2	3	169.65	87.22	1037.43		
2	4	169.65	80.64	916.07		
2	5	169.65	74.05	838.51		
2	6	169.65	67.46	770.86		
2	7	169.65	60.87	703.01		
2	8	169.65	54.29	634.93		
2	9	169.65	47.72	566.70		
2	10	169.65	41.23	498.59		
2	11	169.65	34.90	431.42		
2	12	169.65	28.95	367.14		
2	13	169.65	23.69	308.96		
2	14	169.65	18.95	255.74		
2	15	169.65	14.23	202.63		
2	16	169.65	13.26	191.89		
2	17	169.65	18.04	245.66		
2	18	169.65	22.81	299.43		
2	19	169.65	27.92	356.43		
2	20	169.65	33.74	419.90		
2	21	169.65	39.01	476.40		
2	22	169.65	43.53	524.24		
2	23	169.65	47.25	563.40		
2	24	169.65	50.22	594.44		
2	25	169.65	52.47	618.05		
2	26	169.65	54.09	634.92		
2	27	169.65	55.13	645.75		
2	28	169.65	55.65	651.19		
2	29	169.65	55.71	651.85		
2	30	169.65	55.36	648.29		
2	31	169.65	54.67	641.06		
2	32	169.65	53.66	630.66		
2	33	169.65	52.40	617.54		
2	34	169.65	50.92	602.13		
2	35	169.65	49.27	584.83		
2	36	169.65	47.47	566.00		
2	37	169.65	45.56	545.99		
2	38	169.65	43.58	525.12		
2	39	169.65	41.55	503.67		
2	40	169.65	39.50	481.93		
2	41	169.65	37.46	460.16		
2	42	169.65	35.45	438.61		
2	43	169.65	33.49	417.51		
2	44	169.65	31.61	397.08		
2	45	169.65	29.82	377.51		
2	46	169.65	28.13	358.98		
2	47	169.65	26.56	341.59		
2	48	42.41	34.25	414.02		
2	49	42.41	32.35	395.65		
2	50	42.41	30.63	378.88		
2	51	42.41	29.03	363.14		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
2	52	42.41	27.51	348.22		
2	53	42.41	26.07	334.12		
2	54	42.41	24.72	320.87		
2	55	42.41	23.46	308.44		
2	56	42.41	22.29	296.84		
2	57	42.41	21.19	286.05		
2	58	42.41	20.18	276.05		
2	59	42.41	19.25	266.82		
2	60	42.41	18.40	258.34		
2	61	42.41	17.62	250.57		
2	62	42.41	16.91	243.49		
2	63	42.41	16.27	237.05		
2	64	42.41	15.70	231.24		
2	65	42.41	15.18	226.02		
2	66	42.41	14.92	223.24		
2	67	42.41	15.24	226.17		
2	68	42.41	15.51	228.58		
2	69	42.41	15.73	230.50		
2	70	42.41	15.91	231.97		
2	71	42.41	16.04	233.02		
2	72	42.41	16.13	233.68		
2	73	42.41	16.19	233.99		
2	74	42.41	16.21	233.97		
2	75	42.41	16.21	233.66		
2	76	42.41	16.18	233.08		
2	77	42.41	16.12	232.25		
2	78	42.41	16.05	231.21		
2	79	42.41	15.95	229.97		
2	80	42.41	15.84	228.56		
2	81	42.41	15.71	227.00		
2	82	42.41	15.57	225.31		
2	83	42.41	15.41	223.51		
2	84	42.41	15.25	221.62		
2	85	42.41	15.09	219.66		
2	86	42.41	14.91	217.64		
2	87	42.41	14.74	215.57		
2	88	42.41	14.56	213.48		
2	89	42.41	14.38	211.37		
2	90	42.41	14.20	209.26		
2	91	42.41	14.03	207.16		
2	92	42.41	13.85	205.09		
2	93	42.41	13.68	203.06		
2	94	42.41	13.52	201.07		
2	95	42.41	13.36	199.14		
2	96	42.41	13.21	197.29		
2	97	42.41	13.07	195.51		
2	98	42.41	12.95	193.83		
2	99	42.41	12.83	192.25		
2	100	42.41	12.72	190.79		
2	101	42.41	12.63	189.45		

Combinazioni SLEF

Paramento

Tensione massima di compressione nel calcestruzzo338.54 [kg/cmq]
Tensione massima di trazione dell'acciaio4588.00[kg/cmq]

n°	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1	100	40	12.57	12.57	0	0	0.00 (11)	0.00 (11)	0.00 (11)
2	100	42	12.57	12.57	-2	357	0.08 (11)	1.23 (11)	1.10 (11)
3	100	44	12.57	12.57	-8	732	0.17 (11)	2.53 (11)	2.04 (11)
4	100	46	12.57	12.57	-18	1126	0.27 (11)	3.89 (11)	2.85 (11)
5	100	49	12.57	12.57	-32	1538	0.36 (11)	5.28 (11)	3.54 (11)
6	100	51	12.57	12.57	-50	1969	0.46 (11)	6.71 (11)	4.15 (11)
7	100	53	12.57	12.57	-74	2418	0.57 (11)	8.17 (11)	4.67 (11)
8	100	55	12.57	12.57	-101	2886	0.67 (11)	9.62 (11)	5.14 (11)
9	100	57	12.57	12.57	-119	3372	0.75 (11)	10.80 (11)	5.85 (11)
10	100	59	12.57	12.57	-99	3877	0.76 (11)	11.17 (11)	7.32 (11)
11	100	61	12.57	12.57	-8	4400	0.69 (11)	10.30 (11)	10.00 (11)
12	100	63	12.57	12.57	184	4942	0.98 (11)	7.87 (11)	14.21 (11)
13	100	66	12.57	12.57	510	5502	1.42 (11)	3.63 (11)	20.20 (11)
14	100	68	12.57	12.57	1001	6080	2.07 (11)	4.30 (11)	28.77 (11)
15	100	70	12.57	12.57	1689	6677	3.24 (11)	30.84 (11)	43.75 (11)
16	100	72	12.57	12.57	2605	7293	5.02 (11)	92.67 (11)	65.38 (11)
17	100	74	12.57	12.57	3781	7927	7.21 (11)	189.79 (11)	91.16 (11)
18	100	76	12.57	12.57	5249	8579	9.74 (11)	317.79 (11)	120.35 (11)
19	100	78	12.57	12.57	7039	9250	12.59 (11)	474.92 (11)	153.05 (11)
20	100	80	12.57	12.57	9167	9940	15.74 (11)	659.44 (11)	189.19 (11)
21	100	83	12.57	18.85	11638	10648	16.67 (11)	597.21 (11)	206.82 (11)
22	100	85	12.57	18.85	14460	11374	19.80 (11)	755.07 (11)	244.76 (11)

Piastra fondazione

Tensione massima di compressione nel calcestruzzo 203.12 [kg/cmq]
Tensione massima di trazione dell'acciaio 3670.40 [kg/cmq]

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-1-P	87	100	8.04	8.04	588	-191	0.69 (10)	60.19 (10)	17.63 (10)
1-2-P	87	100	8.04	8.04	402	-1383	1.59 (10)	112.04 (10)	138.30 (10)
1-3-P	87	100	8.04	8.04	1169	-6265	7.30 (10)	242.93 (10)	634.39 (10)
1-4-P	87	100	8.04	8.04	133	-10814	12.31 (10)	132.36 (10)	1069.46 (10)
1-5-P	87	100	8.04	8.04	95	-9968	11.35 (10)	122.09 (10)	986.51 (10)
1-6-P	87	100	8.04	8.04	1566	-5089	6.06 (10)	277.99 (10)	526.49 (10)
1-7-P	87	100	8.04	8.04	1875	-841	2.85 (10)	247.31 (10)	97.15 (10)
1-8-P	87	100	8.04	8.04	3197	-37	3.60 (10)	313.05 (10)	38.74 (10)
1-9-P	87	100	8.04	8.04	4028	-8	4.48 (10)	388.90 (10)	48.13 (10)
1-10-P	87	100	8.04	8.04	4151	-54	4.60 (10)	399.74 (10)	49.47 (10)
1-11-P	87	100	8.04	8.04	3373	-335	3.76 (10)	326.63 (10)	40.42 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-12-P	87	100	8.04	8.04	2307	-2194	2.69 (10)	229.95 (10)	234.13 (10)
1-13-P	87	100	8.04	8.04	1221	-5724	6.88 (10)	153.09 (10)	597.61 (10)
1-14-P	87	100	8.04	8.04	34	-10874	12.54 (10)	134.91 (10)	1090.09 (10)
1-15-P	87	100	8.04	8.04	234	-7701	9.03 (10)	97.14 (10)	784.87 (10)
1-16-P	87	100	8.04	8.04	1581	-3572	4.41 (10)	163.05 (10)	382.94 (10)
1-17-P	87	100	8.04	8.04	2640	-328	3.67 (10)	319.07 (10)	43.76 (10)
1-18-P	87	100	8.04	8.04	3517	-36	3.79 (10)	329.04 (10)	40.72 (10)
1-19-P	87	100	8.04	8.04	3922	-1	4.21 (10)	365.72 (10)	45.26 (10)
1-20-P	87	100	8.04	8.04	3720	-46	4.00 (10)	347.60 (10)	43.02 (10)
1-21-P	87	100	8.04	8.04	2841	-332	3.08 (10)	267.98 (10)	38.64 (10)
1-22-P	87	100	8.04	8.04	1751	-2936	3.63 (10)	174.73 (10)	315.25 (10)
1-23-P	87	100	8.04	8.04	326	-6584	7.84 (10)	84.28 (10)	681.03 (10)
1-24-P	87	100	8.04	8.04	0	-12575	15.24 (10)	163.86 (10)	1324.01 (10)
1-25-P	87	100	8.04	8.04	326	-6584	7.84 (10)	84.28 (10)	681.03 (10)
1-26-P	87	100	8.04	8.04	1751	-2936	3.63 (10)	174.73 (10)	315.25 (10)
1-27-P	87	100	8.04	8.04	2841	-332	3.08 (10)	267.98 (10)	38.64 (10)
1-28-P	87	100	8.04	8.04	3720	-46	4.00 (10)	347.60 (10)	43.02 (10)
1-29-P	87	100	8.04	8.04	3922	-1	4.21 (10)	365.72 (10)	45.26 (10)
1-30-P	87	100	8.04	8.04	3517	-36	3.79 (10)	329.04 (10)	40.72 (10)
1-31-P	87	100	8.04	8.04	2640	-328	3.67 (10)	319.07 (10)	43.76 (10)
1-32-P	87	100	8.04	8.04	1581	-3572	4.41 (10)	163.05 (10)	382.94 (10)
1-33-P	87	100	8.04	8.04	234	-7701	9.03 (10)	97.14 (10)	784.87 (10)
1-34-P	87	100	8.04	8.04	34	-10874	12.54 (10)	134.91 (10)	1090.09 (10)
1-35-P	87	100	8.04	8.04	1221	-5724	6.88 (10)	153.09 (10)	597.61 (10)
1-36-P	87	100	8.04	8.04	2307	-2194	2.69 (10)	229.95 (10)	234.13 (10)
1-37-P	87	100	8.04	8.04	3373	-335	3.76 (10)	326.63 (10)	40.42 (10)
1-38-P	87	100	8.04	8.04	4151	-54	4.60 (10)	399.74 (10)	49.47 (10)
1-39-P	87	100	8.04	8.04	4028	-8	4.48 (10)	388.90 (10)	48.13 (10)
1-40-P	87	100	8.04	8.04	3197	-37	3.60 (10)	313.05 (10)	38.74 (10)
1-41-P	87	100	8.04	8.04	1875	-841	2.85 (10)	247.31 (10)	97.15 (10)
1-42-P	87	100	8.04	8.04	1566	-5089	6.06 (10)	277.99 (10)	526.49 (10)
1-43-P	87	100	8.04	8.04	95	-9968	11.35 (10)	122.09 (10)	986.51 (10)
1-44-P	87	100	8.04	8.04	133	-10814	12.31 (10)	132.36 (10)	1069.46 (10)
1-45-P	87	100	8.04	8.04	1169	-6265	7.30 (10)	242.93 (10)	634.39 (10)
1-46-P	87	100	8.04	8.04	402	-1383	1.59 (10)	112.04 (10)	138.30 (10)
1-47-P	87	100	8.04	8.04	588	-191	0.69 (10)	60.19 (10)	17.63 (10)
2-1-P	87	100	8.04	8.04	387	-328	0.47 (10)	40.64 (10)	33.52 (10)
2-2-P	87	100	8.04	8.04	226	-969	1.73 (11)	46.17 (11)	150.29 (11)
2-3-P	87	100	8.04	8.04	312	-2077	2.41 (10)	39.01 (10)	209.49 (10)
2-4-P	87	100	8.04	8.04	267	-3408	4.83 (10)	54.30 (10)	419.37 (10)
2-5-P	87	100	8.04	8.04	397	-3046	4.66 (10)	76.26 (10)	404.77 (10)
2-6-P	87	100	8.04	8.04	514	-1062	2.60 (11)	138.25 (11)	226.01 (11)
2-7-P	87	100	8.04	8.04	905	-279	2.36 (12)	205.31 (12)	94.79 (12)
2-8-P	87	100	8.04	8.04	2809	0	2.68 (10)	232.84 (10)	28.82 (10)
2-9-P	87	100	8.04	8.04	3759	-2	3.74 (10)	325.28 (10)	40.26 (10)
2-10-P	87	100	8.04	8.04	3803	-4	3.76 (10)	327.03 (10)	40.47 (10)
2-11-P	87	100	8.04	8.04	2632	-106	2.45 (10)	213.16 (10)	46.66 (10)
2-12-P	87	100	8.04	8.04	1579	-534	1.71 (10)	148.18 (10)	121.96 (10)
2-13-P	87	100	8.04	8.04	918	-1563	3.40 (10)	131.80 (10)	295.15 (10)
2-14-P	87	100	8.04	8.04	585	-3393	5.85 (10)	108.25 (10)	508.19 (10)
2-15-P	87	100	8.04	8.04	663	-2377	4.49 (10)	107.93 (10)	389.74 (10)
2-16-P	87	100	8.04	8.04	658	-847	2.16 (11)	164.00 (11)	187.46 (11)
2-17-P	87	100	8.04	8.04	949	-201	1.86 (12)	161.38 (12)	68.53 (12)
2-18-P	87	100	8.04	8.04	2951	-1	2.68 (10)	232.54 (10)	28.78 (10)
2-19-P	87	100	8.04	8.04	3466	0	3.27 (10)	284.51 (10)	35.21 (10)
2-20-P	87	100	8.04	8.04	3188	-4	2.95 (10)	256.69 (10)	31.77 (10)
2-21-P	87	100	8.04	8.04	1034	-161	2.02 (12)	175.89 (12)	54.84 (12)
2-22-P	87	100	8.04	8.04	709	-777	2.02 (11)	120.63 (11)	175.16 (11)
2-23-P	87	100	8.04	8.04	624	-2116	4.05 (10)	97.88 (10)	352.03 (10)
2-24-P	87	100	8.04	8.04	442	-4057	6.95 (10)	84.92 (10)	604.02 (10)
2-25-P	87	100	8.04	8.04	624	-2116	4.05 (10)	97.88 (10)	352.03 (10)
2-26-P	87	100	8.04	8.04	709	-777	2.02 (11)	120.63 (11)	175.16 (11)
2-27-P	87	100	8.04	8.04	1034	-161	2.02 (12)	175.89 (12)	54.84 (12)
2-28-P	87	100	8.04	8.04	3188	-4	2.95 (10)	256.69 (10)	31.77 (10)
2-29-P	87	100	8.04	8.04	3466	0	3.27 (10)	284.51 (10)	35.21 (10)
2-30-P	87	100	8.04	8.04	2951	-1	2.68 (10)	232.54 (10)	28.78 (10)
2-31-P	87	100	8.04	8.04	949	-201	1.86 (12)	161.38 (12)	68.53 (12)
2-32-P	87	100	8.04	8.04	658	-847	2.16 (11)	164.00 (11)	187.46 (11)
2-33-P	87	100	8.04	8.04	663	-2377	4.49 (10)	107.93 (10)	389.74 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2-34-P	87	100	8.04	8.04	585	-3393	5.85 (10)	108.25 (10)	508.19 (10)
2-35-P	87	100	8.04	8.04	918	-1563	3.40 (10)	131.80 (10)	295.15 (10)
2-36-P	87	100	8.04	8.04	1579	-534	1.71 (10)	148.18 (10)	121.96 (10)
2-37-P	87	100	8.04	8.04	2632	-106	2.45 (10)	213.16 (10)	46.66 (10)
2-38-P	87	100	8.04	8.04	3803	-4	3.76 (10)	327.03 (10)	40.47 (10)
2-39-P	87	100	8.04	8.04	3759	-2	3.74 (10)	325.28 (10)	40.26 (10)
2-40-P	87	100	8.04	8.04	2809	0	2.68 (10)	232.84 (10)	28.82 (10)
2-41-P	87	100	8.04	8.04	905	-279	2.36 (12)	205.31 (12)	94.79 (12)
2-42-P	87	100	8.04	8.04	514	-1062	2.60 (11)	138.25 (11)	226.01 (11)
2-43-P	87	100	8.04	8.04	397	-3046	4.66 (10)	76.26 (10)	404.77 (10)
2-44-P	87	100	8.04	8.04	267	-3408	4.83 (10)	54.30 (10)	419.37 (10)
2-45-P	87	100	8.04	8.04	312	-2077	2.41 (10)	39.01 (10)	209.49 (10)
2-46-P	87	100	8.04	8.04	226	-969	1.73 (11)	46.17 (11)	150.29 (11)
2-47-P	87	100	8.04	8.04	387	-328	0.47 (10)	40.64 (10)	33.52 (10)
3-1-P	87	100	8.04	8.04	2477	-54	2.57 (10)	223.33 (10)	27.64 (10)
3-2-P	87	100	8.04	8.04	3609	0	3.73 (10)	324.48 (10)	40.16 (10)
3-3-P	87	100	8.04	8.04	5049	0	5.18 (10)	450.52 (10)	55.76 (10)
3-4-P	87	100	8.04	8.04	6205	0	6.34 (10)	550.61 (10)	68.14 (10)
3-5-P	87	100	8.04	8.04	7005	0	7.13 (10)	619.83 (10)	76.71 (10)
3-6-P	87	100	8.04	8.04	7603	0	7.73 (10)	671.90 (10)	83.15 (10)
3-7-P	87	100	8.04	8.04	8054	0	8.20 (10)	712.31 (10)	88.15 (10)
3-8-P	87	100	8.04	8.04	8338	0	8.49 (10)	737.48 (10)	91.27 (10)
3-9-P	87	100	8.04	8.04	8467	0	8.61 (10)	748.08 (10)	92.58 (10)
3-10-P	87	100	8.04	8.04	8417	0	8.53 (10)	741.32 (10)	91.74 (10)
3-11-P	87	100	8.04	8.04	8144	0	8.20 (10)	712.72 (10)	88.21 (10)
3-12-P	87	100	8.04	8.04	7825	0	7.82 (10)	679.70 (10)	84.12 (10)
3-13-P	87	100	8.04	8.04	7502	0	7.44 (10)	646.56 (10)	80.02 (10)
3-14-P	87	100	8.04	8.04	7303	0	7.21 (10)	626.31 (10)	77.51 (10)
3-15-P	87	100	8.04	8.04	7305	0	7.21 (10)	626.61 (10)	77.55 (10)
3-16-P	87	100	8.04	8.04	7424	0	7.35 (10)	638.96 (10)	79.08 (10)
3-17-P	87	100	8.04	8.04	7639	0	7.61 (10)	661.17 (10)	81.83 (10)
3-18-P	87	100	8.04	8.04	7806	0	7.81 (10)	678.36 (10)	83.95 (10)
3-19-P	87	100	8.04	8.04	7856	0	7.87 (10)	683.66 (10)	84.61 (10)
3-20-P	87	100	8.04	8.04	7786	0	7.79 (10)	676.73 (10)	83.75 (10)
3-21-P	87	100	8.04	8.04	7555	0	7.52 (10)	653.32 (10)	80.85 (10)
3-22-P	87	100	8.04	8.04	7283	0	7.20 (10)	625.69 (10)	77.43 (10)
3-23-P	87	100	8.04	8.04	7060	0	6.94 (10)	603.08 (10)	74.64 (10)
3-24-P	87	100	8.04	8.04	6930	0	6.79 (10)	589.84 (10)	73.00 (10)
3-25-P	87	100	8.04	8.04	7060	0	6.94 (10)	603.08 (10)	74.64 (10)
3-26-P	87	100	8.04	8.04	7283	0	7.20 (10)	625.69 (10)	77.43 (10)
3-27-P	87	100	8.04	8.04	7555	0	7.52 (10)	653.32 (10)	80.85 (10)
3-28-P	87	100	8.04	8.04	7786	0	7.79 (10)	676.73 (10)	83.75 (10)
3-29-P	87	100	8.04	8.04	7856	0	7.87 (10)	683.66 (10)	84.61 (10)
3-30-P	87	100	8.04	8.04	7806	0	7.81 (10)	678.36 (10)	83.95 (10)
3-31-P	87	100	8.04	8.04	7639	0	7.61 (10)	661.17 (10)	81.83 (10)
3-32-P	87	100	8.04	8.04	7424	0	7.35 (10)	638.96 (10)	79.08 (10)
3-33-P	87	100	8.04	8.04	7305	0	7.21 (10)	626.61 (10)	77.55 (10)
3-34-P	87	100	8.04	8.04	7303	0	7.21 (10)	626.31 (10)	77.51 (10)
3-35-P	87	100	8.04	8.04	7502	0	7.44 (10)	646.56 (10)	80.02 (10)
3-36-P	87	100	8.04	8.04	7825	0	7.82 (10)	679.70 (10)	84.12 (10)
3-37-P	87	100	8.04	8.04	8144	0	8.20 (10)	712.72 (10)	88.21 (10)
3-38-P	87	100	8.04	8.04	8417	0	8.53 (10)	741.32 (10)	91.74 (10)
3-39-P	87	100	8.04	8.04	8467	0	8.61 (10)	748.08 (10)	92.58 (10)
3-40-P	87	100	8.04	8.04	8338	0	8.49 (10)	737.48 (10)	91.27 (10)
3-41-P	87	100	8.04	8.04	8054	0	8.20 (10)	712.31 (10)	88.15 (10)
3-42-P	87	100	8.04	8.04	7603	0	7.73 (10)	671.90 (10)	83.15 (10)
3-43-P	87	100	8.04	8.04	7005	0	7.13 (10)	619.83 (10)	76.71 (10)
3-44-P	87	100	8.04	8.04	6205	0	6.34 (10)	550.61 (10)	68.14 (10)
3-45-P	87	100	8.04	8.04	5049	0	5.18 (10)	450.52 (10)	55.76 (10)
3-46-P	87	100	8.04	8.04	3609	0	3.73 (10)	324.48 (10)	40.16 (10)
3-47-P	87	100	8.04	8.04	2477	-54	2.57 (10)	223.33 (10)	27.64 (10)
5-1-P	10	100	4.02	4.02	1	-1	0.01 (10)	0.28 (10)	0.24 (10)
5-2-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.12 (10)	0.26 (10)
5-3-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.36 (10)
5-4-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-5-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.09 (10)	0.31 (10)
5-6-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-7-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-8-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-9-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-10-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-11-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-12-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-13-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-14-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-15-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-16-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-17-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-18-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-19-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-20-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-21-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-22-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-23-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-24-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-25-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-26-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-27-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-28-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-29-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-30-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-31-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-32-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-33-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-34-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-35-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-36-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-37-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-38-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-39-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-40-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-41-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-42-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-43-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.09 (10)	0.31 (10)
5-44-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-45-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.36 (10)
5-46-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.12 (10)	0.26 (10)
5-47-P	10	100	4.02	4.02	1	-1	0.01 (10)	0.28 (10)	0.24 (10)
6-1-S	94	100	31.42	12.57	2821	-2183	3.09 (10)	131.59 (10)	147.16 (10)
6-2-S	94	100	31.42	12.57	6802	-4479	5.90 (10)	251.19 (10)	302.86 (10)
6-3-S	94	100	31.42	12.57	382	-12348	10.09 (10)	110.28 (10)	833.23 (10)
6-4-S	94	100	31.42	12.57	111	-18192	15.30 (10)	167.33 (10)	1264.31 (10)
6-5-S	94	100	31.42	12.57	0	-16345	14.41 (10)	157.58 (10)	1190.68 (10)
6-6-S	94	100	31.42	12.57	23	-6025	6.35 (12)	69.44 (12)	524.65 (12)
6-7-S	94	100	31.42	12.57	1326	-686	1.41 (12)	59.85 (12)	59.72 (12)
6-8-S	94	100	31.42	12.57	12270	0	5.88 (10)	250.36 (10)	74.16 (10)
6-9-S	94	100	31.42	12.57	20618	0	10.90 (10)	463.55 (10)	137.31 (10)
6-10-S	94	100	31.42	12.57	28408	0	15.54 (10)	661.12 (10)	195.83 (10)
6-11-S	94	100	31.42	12.57	36594	0	20.38 (10)	867.11 (10)	256.85 (10)
6-12-S	94	100	31.42	12.57	45377	0	25.54 (10)	1086.60 (10)	321.86 (10)
6-13-S	94	100	31.42	12.57	0	-76	0.08 (10)	0.87 (10)	6.59 (10)
6-14-S	94	100	31.42	12.57	2	-1	0.00 (10)	0.06 (10)	0.08 (10)
7-1-S	94	100	31.42	12.57	1031	-2148	1.79 (10)	29.84 (10)	147.55 (10)
7-2-S	94	100	31.42	12.57	2103	-4655	3.86 (10)	73.87 (10)	318.62 (10)
7-3-S	94	100	31.42	12.57	463	-9003	7.53 (10)	82.35 (10)	622.23 (10)
7-4-S	94	100	31.42	12.57	174	-10428	9.05 (10)	98.94 (10)	747.59 (10)
7-5-S	94	100	31.42	12.57	9	-8200	7.71 (10)	84.32 (10)	637.10 (10)
7-6-S	94	100	31.42	12.57	386	-2627	3.63 (11)	39.63 (11)	299.47 (11)
7-7-S	94	100	31.42	12.57	5781	-12	2.14 (10)	91.12 (10)	26.99 (10)
7-8-S	94	100	31.42	12.57	13203	0	6.50 (10)	276.74 (10)	81.97 (10)
7-9-S	94	100	31.42	12.57	20710	0	10.94 (10)	465.47 (10)	137.88 (10)
7-10-S	94	100	31.42	12.57	28151	0	15.29 (10)	650.66 (10)	192.73 (10)
7-11-S	94	100	31.42	12.57	35571	0	19.60 (10)	833.76 (10)	246.97 (10)
7-12-S	94	100	31.42	12.57	42978	0	23.85 (10)	1014.84 (10)	300.61 (10)
7-13-S	94	100	31.42	12.57	0	-75	0.08 (10)	0.86 (10)	6.52 (10)
7-14-S	94	100	31.42	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
8-1-S	94	100	28.27	12.57	505	-1590	2.21 (10)	24.28 (10)	178.69 (10)
8-2-S	94	100	28.27	12.57	342	-3213	2.75 (10)	30.30 (10)	223.02 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
8-3-S	94	100	28.27	12.57	419	-4473	4.00 (10)	44.00 (10)	323.88 (10)
8-4-S	94	100	28.27	12.57	280	-3981	3.90 (10)	42.87 (10)	315.55 (10)
8-5-S	94	100	28.27	12.57	64	-2561	2.76 (12)	30.32 (12)	223.17 (12)
8-6-S	94	100	28.27	12.57	658	-527	1.42 (12)	26.28 (12)	114.88 (12)
8-7-S	94	100	28.27	12.57	7516	0	3.39 (10)	153.77 (10)	42.38 (10)
8-8-S	94	100	28.27	12.57	13661	0	7.10 (10)	321.58 (10)	88.62 (10)
8-9-S	94	100	28.27	12.57	20325	0	11.13 (10)	504.22 (10)	138.96 (10)
8-10-S	94	100	28.27	12.57	27132	0	15.22 (10)	689.67 (10)	190.07 (10)
8-11-S	94	100	28.27	12.57	33863	0	19.24 (10)	871.73 (10)	240.24 (10)
8-12-S	94	100	28.27	12.57	40476	0	23.16 (10)	1049.16 (10)	289.14 (10)
8-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
8-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
9-1-S	94	100	28.27	15.71	3783	-1765	2.54 (10)	117.35 (10)	96.88 (10)
9-2-S	94	100	28.27	15.71	8959	-4648	10.07 (10)	464.63 (10)	251.95 (10)
9-3-S	94	100	28.27	15.71	706	-14319	10.88 (10)	124.27 (10)	770.68 (10)
9-4-S	94	100	28.27	15.71	332	-21684	16.96 (10)	193.79 (10)	1201.80 (10)
9-5-S	94	100	28.27	15.71	0	-19309	15.80 (10)	180.52 (10)	1119.50 (10)
9-6-S	94	100	28.27	15.71	20	-6922	6.79 (10)	77.51 (10)	480.70 (10)
9-7-S	94	100	28.27	15.71	659	-384	0.71 (12)	32.86 (12)	33.60 (12)
9-8-S	94	100	28.27	15.71	11632	0	5.58 (10)	257.40 (10)	69.47 (10)
9-9-S	94	100	28.27	15.71	19227	0	10.18 (10)	469.49 (10)	126.71 (10)
9-10-S	94	100	28.27	15.71	26208	0	14.32 (10)	660.90 (10)	178.37 (10)
9-11-S	94	100	28.27	15.71	32986	0	18.31 (10)	844.98 (10)	228.05 (10)
9-12-S	94	100	28.27	15.71	39600	0	22.17 (10)	1022.98 (10)	276.09 (10)
9-13-S	94	100	28.27	15.71	0	-75	0.07 (10)	0.85 (10)	5.24 (10)
9-14-S	94	100	28.27	15.71	0	0	0.00 (10)	0.00 (10)	0.00 (10)
10-1-S	94	100	28.27	12.57	408	-1090	2.28 (10)	25.07 (10)	184.51 (10)
10-2-S	94	100	28.27	12.57	210	-2346	2.05 (10)	22.55 (10)	165.97 (10)
10-3-S	94	100	28.27	12.57	157	-3461	3.18 (10)	35.01 (10)	257.71 (10)
10-4-S	94	100	28.27	12.57	62	-3144	3.24 (10)	35.64 (10)	262.30 (10)
10-5-S	94	100	28.27	12.57	5	-2175	2.34 (12)	25.76 (12)	189.59 (12)
10-6-S	94	100	28.27	12.57	472	-228	1.23 (12)	18.87 (12)	99.28 (12)
10-7-S	94	100	28.27	12.57	7267	0	3.26 (10)	147.55 (10)	40.66 (10)
10-8-S	94	100	28.27	12.57	13027	0	6.71 (10)	304.08 (10)	83.80 (10)
10-9-S	94	100	28.27	12.57	19307	0	10.50 (10)	475.66 (10)	131.09 (10)
10-10-S	94	100	28.27	12.57	25732	0	14.35 (10)	650.33 (10)	179.23 (10)
10-11-S	94	100	28.27	12.57	32081	0	18.14 (10)	821.89 (10)	226.51 (10)
10-12-S	94	100	28.27	12.57	38313	0	21.83 (10)	989.07 (10)	272.58 (10)
10-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
10-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
11-1-S	94	100	28.27	12.57	2004	-2169	1.82 (10)	62.37 (10)	147.08 (10)
11-2-S	94	100	28.27	12.57	4479	-4258	3.59 (10)	139.88 (10)	290.51 (10)
11-3-S	94	100	28.27	12.57	594	-10151	8.54 (10)	93.92 (10)	691.26 (10)
11-4-S	94	100	28.27	12.57	281	-13582	11.79 (10)	129.71 (10)	954.69 (10)
11-5-S	94	100	28.27	12.57	25	-11449	10.58 (10)	116.38 (10)	856.54 (10)
11-6-S	94	100	28.27	12.57	204	-3840	4.23 (11)	46.56 (11)	342.69 (11)
11-7-S	94	100	28.27	12.57	1791	-256	1.97 (12)	89.44 (12)	55.77 (12)
11-8-S	94	100	28.27	12.57	11816	0	5.87 (10)	265.99 (10)	73.31 (10)
11-9-S	94	100	28.27	12.57	18785	0	10.14 (10)	459.46 (10)	126.62 (10)
11-10-S	94	100	28.27	12.57	25448	0	14.17 (10)	641.94 (10)	176.91 (10)
11-11-S	94	100	28.27	12.57	31967	0	18.08 (10)	819.07 (10)	225.73 (10)
11-12-S	94	100	28.27	12.57	38353	0	21.88 (10)	991.17 (10)	273.16 (10)
11-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
11-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
12-1-S	94	100	28.27	12.57	2004	-2169	1.82 (10)	62.37 (10)	147.08 (10)
12-2-S	94	100	28.27	12.57	4479	-4258	3.59 (10)	139.88 (10)	290.51 (10)
12-3-S	94	100	28.27	12.57	594	-10151	8.54 (10)	93.92 (10)	691.26 (10)
12-4-S	94	100	28.27	12.57	281	-13582	11.79 (10)	129.71 (10)	954.69 (10)
12-5-S	94	100	28.27	12.57	25	-11449	10.58 (10)	116.38 (10)	856.54 (10)
12-6-S	94	100	28.27	12.57	204	-3840	4.23 (11)	46.56 (11)	342.69 (11)
12-7-S	94	100	28.27	12.57	1791	-256	1.97 (12)	89.44 (12)	55.77 (12)
12-8-S	94	100	28.27	12.57	11816	0	5.87 (10)	265.99 (10)	73.31 (10)
12-9-S	94	100	28.27	12.57	18785	0	10.14 (10)	459.46 (10)	126.62 (10)
12-10-S	94	100	28.27	12.57	25448	0	14.17 (10)	641.94 (10)	176.91 (10)
12-11-S	94	100	28.27	12.57	31967	0	18.08 (10)	819.07 (10)	225.73 (10)
12-12-S	94	100	28.27	12.57	38353	0	21.88 (10)	991.17 (10)	273.16 (10)
12-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
12-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
13-1-S	94	100	28.27	12.57	408	-1090	2.28 (10)	25.07 (10)	184.51 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
13-2-S	94	100	28.27	12.57	210	-2346	2.05 (10)	22.55 (10)	165.97 (10)
13-3-S	94	100	28.27	12.57	157	-3461	3.18 (10)	35.01 (10)	257.71 (10)
13-4-S	94	100	28.27	12.57	62	-3144	3.24 (10)	35.64 (10)	262.30 (10)
13-5-S	94	100	28.27	12.57	5	-2175	2.34 (12)	25.76 (12)	189.59 (12)
13-6-S	94	100	28.27	12.57	472	-228	1.23 (12)	18.87 (12)	99.28 (12)
13-7-S	94	100	28.27	12.57	7267	0	3.26 (10)	147.55 (10)	40.66 (10)
13-8-S	94	100	28.27	12.57	13027	0	6.71 (10)	304.08 (10)	83.80 (10)
13-9-S	94	100	28.27	12.57	19307	0	10.50 (10)	475.66 (10)	131.09 (10)
13-10-S	94	100	28.27	12.57	25732	0	14.35 (10)	650.33 (10)	179.23 (10)
13-11-S	94	100	28.27	12.57	32081	0	18.14 (10)	821.89 (10)	226.51 (10)
13-12-S	94	100	28.27	12.57	38313	0	21.83 (10)	989.07 (10)	272.58 (10)
13-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
13-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
14-1-S	94	100	28.27	15.71	3783	-1765	2.54 (10)	117.35 (10)	96.88 (10)
14-2-S	94	100	28.27	15.71	8959	-4648	10.07 (10)	464.63 (10)	251.95 (10)
14-3-S	94	100	28.27	15.71	706	-14319	10.88 (10)	124.27 (10)	770.68 (10)
14-4-S	94	100	28.27	15.71	332	-21684	16.96 (10)	193.79 (10)	1201.80 (10)
14-5-S	94	100	28.27	15.71	0	-19309	15.80 (10)	180.52 (10)	1119.50 (10)
14-6-S	94	100	28.27	15.71	20	-6922	6.79 (10)	77.51 (10)	480.70 (10)
14-7-S	94	100	28.27	15.71	659	-384	0.71 (12)	32.86 (12)	33.60 (12)
14-8-S	94	100	28.27	15.71	11632	0	5.58 (10)	257.40 (10)	69.47 (10)
14-9-S	94	100	28.27	15.71	19227	0	10.18 (10)	469.49 (10)	126.71 (10)
14-10-S	94	100	28.27	15.71	26208	0	14.32 (10)	660.90 (10)	178.37 (10)
14-11-S	94	100	28.27	15.71	32986	0	18.31 (10)	844.98 (10)	228.05 (10)
14-12-S	94	100	28.27	15.71	39600	0	22.17 (10)	1022.98 (10)	276.09 (10)
14-13-S	94	100	28.27	15.71	0	-75	0.07 (10)	0.85 (10)	5.24 (10)
14-14-S	94	100	28.27	15.71	0	0	0.00 (10)	0.00 (10)	0.00 (10)
15-1-S	94	100	28.27	12.57	505	-1590	2.21 (10)	24.28 (10)	178.69 (10)
15-2-S	94	100	28.27	12.57	342	-3213	2.75 (10)	30.30 (10)	223.02 (10)
15-3-S	94	100	28.27	12.57	419	-4473	4.00 (10)	44.00 (10)	323.88 (10)
15-4-S	94	100	28.27	12.57	280	-3981	3.90 (10)	42.87 (10)	315.55 (10)
15-5-S	94	100	28.27	12.57	64	-2561	2.76 (12)	30.32 (12)	223.17 (12)
15-6-S	94	100	28.27	12.57	658	-527	1.42 (12)	26.28 (12)	114.88 (12)
15-7-S	94	100	28.27	12.57	7516	0	3.39 (10)	153.77 (10)	42.38 (10)
15-8-S	94	100	28.27	12.57	13661	0	7.10 (10)	321.58 (10)	88.62 (10)
15-9-S	94	100	28.27	12.57	20325	0	11.13 (10)	504.22 (10)	138.96 (10)
15-10-S	94	100	28.27	12.57	27132	0	15.22 (10)	689.67 (10)	190.07 (10)
15-11-S	94	100	28.27	12.57	33863	0	19.24 (10)	871.73 (10)	240.24 (10)
15-12-S	94	100	28.27	12.57	40476	0	23.16 (10)	1049.16 (10)	289.14 (10)
15-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
15-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
16-1-S	94	100	31.42	12.57	1031	-2148	1.79 (10)	29.84 (10)	147.55 (10)
16-2-S	94	100	31.42	12.57	2103	-4655	3.86 (10)	73.87 (10)	318.62 (10)
16-3-S	94	100	31.42	12.57	463	-9003	7.53 (10)	82.35 (10)	622.23 (10)
16-4-S	94	100	31.42	12.57	174	-10428	9.05 (10)	98.94 (10)	747.59 (10)
16-5-S	94	100	31.42	12.57	9	-8200	7.71 (10)	84.32 (10)	637.10 (10)
16-6-S	94	100	31.42	12.57	386	-2627	3.63 (11)	39.63 (11)	299.47 (11)
16-7-S	94	100	31.42	12.57	5781	-12	2.14 (10)	91.12 (10)	26.99 (10)
16-8-S	94	100	31.42	12.57	13203	0	6.50 (10)	276.74 (10)	81.97 (10)
16-9-S	94	100	31.42	12.57	20710	0	10.94 (10)	465.47 (10)	137.88 (10)
16-10-S	94	100	31.42	12.57	28151	0	15.29 (10)	650.66 (10)	192.73 (10)
16-11-S	94	100	31.42	12.57	35571	0	19.60 (10)	833.76 (10)	246.97 (10)
16-12-S	94	100	31.42	12.57	42978	0	23.85 (10)	1014.84 (10)	300.61 (10)
16-13-S	94	100	31.42	12.57	0	-75	0.08 (10)	0.86 (10)	6.52 (10)
16-14-S	94	100	31.42	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
17-1-S	94	100	31.42	12.57	2821	-2183	3.09 (10)	131.59 (10)	147.16 (10)
17-2-S	94	100	31.42	12.57	6802	-4479	5.90 (10)	251.19 (10)	302.86 (10)
17-3-S	94	100	31.42	12.57	382	-12348	10.09 (10)	110.28 (10)	833.23 (10)
17-4-S	94	100	31.42	12.57	111	-18192	15.30 (10)	167.33 (10)	1264.31 (10)
17-5-S	94	100	31.42	12.57	0	-16345	14.41 (10)	157.58 (10)	1190.68 (10)
17-6-S	94	100	31.42	12.57	23	-6025	6.35 (12)	69.44 (12)	524.65 (12)
17-7-S	94	100	31.42	12.57	1326	-686	1.41 (12)	59.85 (12)	59.72 (12)
17-8-S	94	100	31.42	12.57	12270	0	5.88 (10)	250.36 (10)	74.16 (10)
17-9-S	94	100	31.42	12.57	20618	0	10.90 (10)	463.55 (10)	137.31 (10)
17-10-S	94	100	31.42	12.57	28408	0	15.54 (10)	661.12 (10)	195.83 (10)
17-11-S	94	100	31.42	12.57	36594	0	20.38 (10)	867.11 (10)	256.85 (10)
17-12-S	94	100	31.42	12.57	45377	0	25.54 (10)	1086.60 (10)	321.86 (10)
17-13-S	94	100	31.42	12.57	0	-76	0.08 (10)	0.87 (10)	6.59 (10)
17-14-S	94	100	31.42	12.57	2	-1	0.00 (10)	0.06 (10)	0.08 (10)

Pali in c.a.

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1	1	169.65	93.19	1970.27		
1	2	169.65	86.69	1845.33		
1	3	169.65	80.18	1720.39		
1	4	169.65	73.67	1595.48		
1	5	169.65	67.16	1470.58		
1	6	169.65	60.65	1345.70		
1	7	169.65	54.14	1220.84		
1	8	169.65	47.62	1096.03		
1	9	169.65	41.09	971.26		
1	10	169.65	34.56	846.56		
1	11	169.65	28.01	721.97		
1	12	169.65	21.43	597.55		
1	13	169.65	15.04	473.41		
1	14	169.65	10.09	349.60		
1	15	169.65	5.18	219.91		
1	16	169.65	0.22	188.00		
1	17	169.65	6.55	318.61		
1	18	169.65	13.55	438.61		
1	19	169.65	20.26	558.97		
1	20	169.65	26.89	679.65		
1	21	169.65	32.47	781.51		
1	22	169.65	37.10	865.91		
1	23	169.65	40.87	934.28		
1	24	169.65	43.85	987.97		
1	25	169.65	46.12	1028.33		
1	26	169.65	47.75	1056.63		
1	27	169.65	48.80	1074.10		
1	28	169.65	49.34	1081.89		
1	29	169.65	49.42	1081.10		
1	30	169.65	49.10	1072.75		
1	31	169.65	48.43	1057.81		
1	32	169.65	47.46	1037.18		
1	33	169.65	46.23	1011.69		
1	34	169.65	44.78	982.11		
1	35	169.65	43.16	949.15		
1	36	169.65	41.38	913.45		
1	37	169.65	39.50	875.62		
1	38	169.65	37.53	836.18		
1	39	169.65	35.50	795.63		
1	40	169.65	33.43	754.39		
1	41	169.65	31.35	712.86		
1	42	169.65	29.27	671.38		
1	43	169.65	27.20	630.25		
1	44	169.65	25.17	589.73		
1	45	169.65	23.19	550.05		
1	46	169.65	21.25	511.41		
1	47	169.65	19.38	473.95		
1	48	42.41	39.71	1462.06		
1	49	42.41	35.99	1350.76		
1	50	42.41	32.44	1244.26		
1	51	42.41	29.05	1142.76		
1	52	42.41	25.84	1046.38		
1	53	42.41	22.80	955.22		
1	54	42.41	19.93	869.29		
1	55	42.41	17.23	788.58		
1	56	42.41	14.70	713.05		
1	57	42.41	12.31	642.59		
1	58	42.41	10.07	577.08		
1	59	42.41	7.94	516.34		
1	60	42.41	5.87	460.11		
1	61	42.41	5.39	407.91		
1	62	42.41	4.98	358.12		
1	63	42.41	4.63	305.39		
1	64	42.41	4.32	256.82		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	65	42.41	4.06	213.03		
1	66	42.41	3.84	188.85		
1	67	42.41	4.18	210.02		
1	68	42.41	4.51	227.21		
1	69	42.41	4.81	240.70		
1	70	42.41	5.08	250.76		
1	71	42.41	5.31	256.13		
1	72	42.41	5.52	257.00		
1	73	42.41	5.71	255.29		
1	74	42.41	5.87	251.56		
1	75	42.41	6.02	246.08		
1	76	42.41	6.14	239.05		
1	77	42.41	6.25	230.67		
1	78	42.41	6.34	221.07		
1	79	42.41	6.42	210.42		
1	80	42.41	6.49	198.85		
1	81	42.41	6.55	186.48		
1	82	42.41	6.60	173.45		
1	83	42.41	6.64	159.87		
1	84	42.41	6.68	145.84		
1	85	42.41	6.72	131.48		
1	86	42.41	6.75	116.87		
1	87	42.41	6.78	102.12		
1	88	42.41	6.82	98.66		
1	89	42.41	6.85	99.58		
1	90	42.41	6.88	100.52		
1	91	42.41	6.92	101.48		
1	92	42.41	6.96	102.49		
1	93	42.41	7.01	103.55		
1	94	42.41	7.06	104.67		
1	95	42.41	7.12	105.85		
1	96	42.41	7.19	107.11		
1	97	42.41	7.26	108.46		
1	98	42.41	7.34	109.89		
1	99	42.41	7.44	111.43		
1	100	42.41	7.54	113.07		
1	101	42.41	7.66	114.83		
2	1	169.65	100.35	1281.79		
2	2	169.65	93.79	1159.51		
2	3	169.65	87.22	1037.43		
2	4	169.65	80.64	916.07		
2	5	169.65	74.05	838.51		
2	6	169.65	67.46	770.86		
2	7	169.65	60.87	703.01		
2	8	169.65	54.29	634.93		
2	9	169.65	47.72	566.70		
2	10	169.65	41.23	498.59		
2	11	169.65	34.90	431.42		
2	12	169.65	28.95	367.14		
2	13	169.65	23.69	308.96		
2	14	169.65	18.95	255.74		
2	15	169.65	14.23	202.63		
2	16	169.65	13.26	191.89		
2	17	169.65	18.04	245.66		
2	18	169.65	22.81	299.43		
2	19	169.65	27.92	356.43		
2	20	169.65	33.74	419.90		
2	21	169.65	39.01	476.40		
2	22	169.65	43.53	524.24		
2	23	169.65	47.25	563.40		
2	24	169.65	50.22	594.44		
2	25	169.65	52.47	618.05		
2	26	169.65	54.09	634.92		
2	27	169.65	55.13	645.75		
2	28	169.65	55.65	651.19		
2	29	169.65	55.71	651.85		
2	30	169.65	55.36	648.29		
2	31	169.65	54.67	641.06		
2	32	169.65	53.66	630.66		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
2	33	169.65	52.40	617.54		
2	34	169.65	50.92	602.13		
2	35	169.65	49.27	584.83		
2	36	169.65	47.47	566.00		
2	37	169.65	45.56	545.99		
2	38	169.65	43.58	525.12		
2	39	169.65	41.55	503.67		
2	40	169.65	39.50	481.93		
2	41	169.65	37.46	460.16		
2	42	169.65	35.45	438.61		
2	43	169.65	33.49	417.51		
2	44	169.65	31.61	397.08		
2	45	169.65	29.82	377.51		
2	46	169.65	28.13	358.98		
2	47	169.65	26.56	341.59		
2	48	42.41	34.25	414.02		
2	49	42.41	32.35	395.65		
2	50	42.41	30.63	378.88		
2	51	42.41	29.03	363.14		
2	52	42.41	27.51	348.22		
2	53	42.41	26.07	334.12		
2	54	42.41	24.72	320.87		
2	55	42.41	23.46	308.44		
2	56	42.41	22.29	296.84		
2	57	42.41	21.19	286.05		
2	58	42.41	20.18	276.05		
2	59	42.41	19.25	266.82		
2	60	42.41	18.40	258.34		
2	61	42.41	17.62	250.57		
2	62	42.41	16.91	243.49		
2	63	42.41	16.27	237.05		
2	64	42.41	15.70	231.24		
2	65	42.41	15.18	226.02		
2	66	42.41	14.92	223.24		
2	67	42.41	15.24	226.17		
2	68	42.41	15.51	228.58		
2	69	42.41	15.73	230.50		
2	70	42.41	15.91	231.97		
2	71	42.41	16.04	233.02		
2	72	42.41	16.13	233.68		
2	73	42.41	16.19	233.99		
2	74	42.41	16.21	233.97		
2	75	42.41	16.21	233.66		
2	76	42.41	16.18	233.08		
2	77	42.41	16.12	232.25		
2	78	42.41	16.05	231.21		
2	79	42.41	15.95	229.97		
2	80	42.41	15.84	228.56		
2	81	42.41	15.71	227.00		
2	82	42.41	15.57	225.31		
2	83	42.41	15.41	223.51		
2	84	42.41	15.25	221.62		
2	85	42.41	15.09	219.66		
2	86	42.41	14.91	217.64		
2	87	42.41	14.74	215.57		
2	88	42.41	14.56	213.48		
2	89	42.41	14.38	211.37		
2	90	42.41	14.20	209.26		
2	91	42.41	14.03	207.16		
2	92	42.41	13.85	205.09		
2	93	42.41	13.68	203.06		
2	94	42.41	13.52	201.07		
2	95	42.41	13.36	199.14		
2	96	42.41	13.21	197.29		
2	97	42.41	13.07	195.51		
2	98	42.41	12.95	193.83		
2	99	42.41	12.83	192.25		
2	100	42.41	12.72	190.79		
2	101	42.41	12.63	189.45		

Combinazioni SLEQ

Paramento

Tensione massima di compressione nel calcestruzzo152.34 [kg/cmq]
Tensione massima di trazione dell'acciaio4588.00[kg/cmq]

n°	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kg]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	100	40	12.57	12.57	0	0	0.00 (12)	0.00 (12)	0.00 (12)
2	100	42	12.57	12.57	-2	357	0.08 (12)	1.23 (12)	1.10 (12)
3	100	44	12.57	12.57	-8	732	0.17 (12)	2.53 (12)	2.04 (12)
4	100	46	12.57	12.57	-18	1126	0.27 (12)	3.89 (12)	2.85 (12)
5	100	49	12.57	12.57	-32	1538	0.36 (12)	5.28 (12)	3.54 (12)
6	100	51	12.57	12.57	-50	1969	0.46 (12)	6.71 (12)	4.15 (12)
7	100	53	12.57	12.57	-74	2418	0.57 (12)	8.17 (12)	4.67 (12)
8	100	55	12.57	12.57	-102	2886	0.67 (12)	9.64 (12)	5.12 (12)
9	100	57	12.57	12.57	-135	3372	0.77 (12)	11.12 (12)	5.53 (12)
10	100	59	12.57	12.57	-164	3877	0.86 (12)	12.43 (12)	6.06 (12)
11	100	61	12.57	12.57	-161	4400	0.90 (12)	13.09 (12)	7.20 (12)
12	100	63	12.57	12.57	-95	4942	0.86 (12)	12.67 (12)	9.40 (12)
13	100	66	12.57	12.57	66	5502	0.88 (12)	10.83 (12)	12.99 (12)
14	100	68	12.57	12.57	354	6080	1.26 (12)	7.34 (12)	18.21 (12)
15	100	70	12.57	12.57	800	6677	1.78 (12)	2.00 (12)	25.24 (12)
16	100	72	12.57	12.57	1436	7293	2.58 (12)	10.02 (12)	35.88 (12)
17	100	74	12.57	12.57	2294	7927	3.99 (12)	46.94 (12)	53.81 (12)
18	100	76	12.57	12.57	3405	8579	5.98 (12)	122.18 (12)	77.97 (12)
19	100	78	12.57	12.57	4800	9250	8.35 (12)	232.73 (12)	105.94 (12)
20	100	80	12.57	12.57	6501	9940	11.01 (12)	373.17 (12)	137.00 (12)
21	100	83	12.57	18.85	8525	10648	12.25 (12)	376.01 (12)	155.22 (12)
22	100	85	12.57	18.85	10901	11374	14.99 (12)	507.47 (12)	188.60 (12)

Piastra fondazione

Tensione massima di compressione nel calcestruzzo 203.12 [kg/cmq]
Tensione massima di trazione dell'acciaio 3670.40[kg/cmq]

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1-1-P	87	100	8.04	8.04	588	-191	0.69 (10)	60.19 (10)	17.63 (10)
1-2-P	87	100	8.04	8.04	402	-1383	1.59 (10)	112.04 (10)	138.30 (10)
1-3-P	87	100	8.04	8.04	1169	-6265	7.30 (10)	242.93 (10)	634.39 (10)
1-4-P	87	100	8.04	8.04	133	-10814	12.31 (10)	132.36 (10)	1069.46 (10)
1-5-P	87	100	8.04	8.04	95	-9968	11.35 (10)	122.09 (10)	986.51 (10)
1-6-P	87	100	8.04	8.04	1566	-5089	6.06 (10)	277.99 (10)	526.49 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1-7-P	87	100	8.04	8.04	1875	-841	2.85 (10)	247.31 (10)	97.15 (10)
1-8-P	87	100	8.04	8.04	3197	-37	3.60 (10)	313.05 (10)	38.74 (10)
1-9-P	87	100	8.04	8.04	4028	-8	4.48 (10)	388.90 (10)	48.13 (10)
1-10-P	87	100	8.04	8.04	4151	-54	4.60 (10)	399.74 (10)	49.47 (10)
1-11-P	87	100	8.04	8.04	3373	-335	3.76 (10)	326.63 (10)	40.42 (10)
1-12-P	87	100	8.04	8.04	2307	-2194	2.69 (10)	229.95 (10)	234.13 (10)
1-13-P	87	100	8.04	8.04	1221	-5724	6.88 (10)	153.09 (10)	597.61 (10)
1-14-P	87	100	8.04	8.04	34	-10874	12.54 (10)	134.91 (10)	1090.09 (10)
1-15-P	87	100	8.04	8.04	234	-7701	9.03 (10)	97.14 (10)	784.87 (10)
1-16-P	87	100	8.04	8.04	1581	-3572	4.41 (10)	163.05 (10)	382.94 (10)
1-17-P	87	100	8.04	8.04	2640	-328	3.67 (10)	319.07 (10)	43.76 (10)
1-18-P	87	100	8.04	8.04	3517	-36	3.79 (10)	329.04 (10)	40.72 (10)
1-19-P	87	100	8.04	8.04	3922	-1	4.21 (10)	365.72 (10)	45.26 (10)
1-20-P	87	100	8.04	8.04	3720	-46	4.00 (10)	347.60 (10)	43.02 (10)
1-21-P	87	100	8.04	8.04	2841	-332	3.08 (10)	267.98 (10)	38.64 (10)
1-22-P	87	100	8.04	8.04	1751	-2936	3.63 (10)	174.73 (10)	315.25 (10)
1-23-P	87	100	8.04	8.04	326	-6584	7.84 (10)	84.28 (10)	681.03 (10)
1-24-P	87	100	8.04	8.04	0	-12575	15.24 (10)	163.86 (10)	1324.01 (10)
1-25-P	87	100	8.04	8.04	326	-6584	7.84 (10)	84.28 (10)	681.03 (10)
1-26-P	87	100	8.04	8.04	1751	-2936	3.63 (10)	174.73 (10)	315.25 (10)
1-27-P	87	100	8.04	8.04	2841	-332	3.08 (10)	267.98 (10)	38.64 (10)
1-28-P	87	100	8.04	8.04	3720	-46	4.00 (10)	347.60 (10)	43.02 (10)
1-29-P	87	100	8.04	8.04	3922	-1	4.21 (10)	365.72 (10)	45.26 (10)
1-30-P	87	100	8.04	8.04	3517	-36	3.79 (10)	329.04 (10)	40.72 (10)
1-31-P	87	100	8.04	8.04	2640	-328	3.67 (10)	319.07 (10)	43.76 (10)
1-32-P	87	100	8.04	8.04	1581	-3572	4.41 (10)	163.05 (10)	382.94 (10)
1-33-P	87	100	8.04	8.04	234	-7701	9.03 (10)	97.14 (10)	784.87 (10)
1-34-P	87	100	8.04	8.04	34	-10874	12.54 (10)	134.91 (10)	1090.09 (10)
1-35-P	87	100	8.04	8.04	1221	-5724	6.88 (10)	153.09 (10)	597.61 (10)
1-36-P	87	100	8.04	8.04	2307	-2194	2.69 (10)	229.95 (10)	234.13 (10)
1-37-P	87	100	8.04	8.04	3373	-335	3.76 (10)	326.63 (10)	40.42 (10)
1-38-P	87	100	8.04	8.04	4151	-54	4.60 (10)	399.74 (10)	49.47 (10)
1-39-P	87	100	8.04	8.04	4028	-8	4.48 (10)	388.90 (10)	48.13 (10)
1-40-P	87	100	8.04	8.04	3197	-37	3.60 (10)	313.05 (10)	38.74 (10)
1-41-P	87	100	8.04	8.04	1875	-841	2.85 (10)	247.31 (10)	97.15 (10)
1-42-P	87	100	8.04	8.04	1566	-5089	6.06 (10)	277.99 (10)	526.49 (10)
1-43-P	87	100	8.04	8.04	95	-9968	11.35 (10)	122.09 (10)	986.51 (10)
1-44-P	87	100	8.04	8.04	133	-10814	12.31 (10)	132.36 (10)	1069.46 (10)
1-45-P	87	100	8.04	8.04	1169	-6265	7.30 (10)	242.93 (10)	634.39 (10)
1-46-P	87	100	8.04	8.04	402	-1383	1.59 (10)	112.04 (10)	138.30 (10)
1-47-P	87	100	8.04	8.04	588	-191	0.69 (10)	60.19 (10)	17.63 (10)
2-1-P	87	100	8.04	8.04	387	-328	0.47 (10)	40.64 (10)	33.52 (10)
2-2-P	87	100	8.04	8.04	226	-969	1.73 (11)	46.17 (11)	150.29 (11)
2-3-P	87	100	8.04	8.04	312	-2077	2.41 (10)	39.01 (10)	209.49 (10)
2-4-P	87	100	8.04	8.04	267	-3408	4.83 (10)	54.30 (10)	419.37 (10)
2-5-P	87	100	8.04	8.04	397	-3046	4.66 (10)	76.26 (10)	404.77 (10)
2-6-P	87	100	8.04	8.04	514	-1062	2.60 (11)	138.25 (11)	226.01 (11)
2-7-P	87	100	8.04	8.04	905	-279	2.36 (12)	205.31 (12)	94.79 (12)
2-8-P	87	100	8.04	8.04	2809	0	2.68 (10)	232.84 (10)	28.82 (10)
2-9-P	87	100	8.04	8.04	3759	-2	3.74 (10)	325.28 (10)	40.26 (10)
2-10-P	87	100	8.04	8.04	3803	-4	3.76 (10)	327.03 (10)	40.47 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2-11-P	87	100	8.04	8.04	2632	-106	2.45 (10)	213.16 (10)	46.66 (10)
2-12-P	87	100	8.04	8.04	1579	-534	1.71 (10)	148.18 (10)	121.96 (10)
2-13-P	87	100	8.04	8.04	918	-1563	3.40 (10)	131.80 (10)	295.15 (10)
2-14-P	87	100	8.04	8.04	585	-3393	5.85 (10)	108.25 (10)	508.19 (10)
2-15-P	87	100	8.04	8.04	663	-2377	4.49 (10)	107.93 (10)	389.74 (10)
2-16-P	87	100	8.04	8.04	658	-847	2.16 (11)	164.00 (11)	187.46 (11)
2-17-P	87	100	8.04	8.04	949	-201	1.86 (12)	161.38 (12)	68.53 (12)
2-18-P	87	100	8.04	8.04	2951	-1	2.68 (10)	232.54 (10)	28.78 (10)
2-19-P	87	100	8.04	8.04	3466	0	3.27 (10)	284.51 (10)	35.21 (10)
2-20-P	87	100	8.04	8.04	3188	-4	2.95 (10)	256.69 (10)	31.77 (10)
2-21-P	87	100	8.04	8.04	1034	-161	2.02 (12)	175.89 (12)	54.84 (12)
2-22-P	87	100	8.04	8.04	709	-777	2.02 (11)	120.63 (11)	175.16 (11)
2-23-P	87	100	8.04	8.04	624	-2116	4.05 (10)	97.88 (10)	352.03 (10)
2-24-P	87	100	8.04	8.04	442	-4057	6.95 (10)	84.92 (10)	604.02 (10)
2-25-P	87	100	8.04	8.04	624	-2116	4.05 (10)	97.88 (10)	352.03 (10)
2-26-P	87	100	8.04	8.04	709	-777	2.02 (11)	120.63 (11)	175.16 (11)
2-27-P	87	100	8.04	8.04	1034	-161	2.02 (12)	175.89 (12)	54.84 (12)
2-28-P	87	100	8.04	8.04	3188	-4	2.95 (10)	256.69 (10)	31.77 (10)
2-29-P	87	100	8.04	8.04	3466	0	3.27 (10)	284.51 (10)	35.21 (10)
2-30-P	87	100	8.04	8.04	2951	-1	2.68 (10)	232.54 (10)	28.78 (10)
2-31-P	87	100	8.04	8.04	949	-201	1.86 (12)	161.38 (12)	68.53 (12)
2-32-P	87	100	8.04	8.04	658	-847	2.16 (11)	164.00 (11)	187.46 (11)
2-33-P	87	100	8.04	8.04	663	-2377	4.49 (10)	107.93 (10)	389.74 (10)
2-34-P	87	100	8.04	8.04	585	-3393	5.85 (10)	108.25 (10)	508.19 (10)
2-35-P	87	100	8.04	8.04	918	-1563	3.40 (10)	131.80 (10)	295.15 (10)
2-36-P	87	100	8.04	8.04	1579	-534	1.71 (10)	148.18 (10)	121.96 (10)
2-37-P	87	100	8.04	8.04	2632	-106	2.45 (10)	213.16 (10)	46.66 (10)
2-38-P	87	100	8.04	8.04	3803	-4	3.76 (10)	327.03 (10)	40.47 (10)
2-39-P	87	100	8.04	8.04	3759	-2	3.74 (10)	325.28 (10)	40.26 (10)
2-40-P	87	100	8.04	8.04	2809	0	2.68 (10)	232.84 (10)	28.82 (10)
2-41-P	87	100	8.04	8.04	905	-279	2.36 (12)	205.31 (12)	94.79 (12)
2-42-P	87	100	8.04	8.04	514	-1062	2.60 (11)	138.25 (11)	226.01 (11)
2-43-P	87	100	8.04	8.04	397	-3046	4.66 (10)	76.26 (10)	404.77 (10)
2-44-P	87	100	8.04	8.04	267	-3408	4.83 (10)	54.30 (10)	419.37 (10)
2-45-P	87	100	8.04	8.04	312	-2077	2.41 (10)	39.01 (10)	209.49 (10)
2-46-P	87	100	8.04	8.04	226	-969	1.73 (11)	46.17 (11)	150.29 (11)
2-47-P	87	100	8.04	8.04	387	-328	0.47 (10)	40.64 (10)	33.52 (10)
3-1-P	87	100	8.04	8.04	2477	-54	2.57 (10)	223.33 (10)	27.64 (10)
3-2-P	87	100	8.04	8.04	3609	0	3.73 (10)	324.48 (10)	40.16 (10)
3-3-P	87	100	8.04	8.04	5049	0	5.18 (10)	450.52 (10)	55.76 (10)
3-4-P	87	100	8.04	8.04	6205	0	6.34 (10)	550.61 (10)	68.14 (10)
3-5-P	87	100	8.04	8.04	7005	0	7.13 (10)	619.83 (10)	76.71 (10)
3-6-P	87	100	8.04	8.04	7603	0	7.73 (10)	671.90 (10)	83.15 (10)
3-7-P	87	100	8.04	8.04	8054	0	8.20 (10)	712.31 (10)	88.15 (10)
3-8-P	87	100	8.04	8.04	8338	0	8.49 (10)	737.48 (10)	91.27 (10)
3-9-P	87	100	8.04	8.04	8467	0	8.61 (10)	748.08 (10)	92.58 (10)
3-10-P	87	100	8.04	8.04	8417	0	8.53 (10)	741.32 (10)	91.74 (10)
3-11-P	87	100	8.04	8.04	8144	0	8.20 (10)	712.72 (10)	88.21 (10)
3-12-P	87	100	8.04	8.04	7825	0	7.82 (10)	679.70 (10)	84.12 (10)
3-13-P	87	100	8.04	8.04	7502	0	7.44 (10)	646.56 (10)	80.02 (10)
3-14-P	87	100	8.04	8.04	7303	0	7.21 (10)	626.31 (10)	77.51 (10)
3-15-P	87	100	8.04	8.04	7305	0	7.21 (10)	626.61 (10)	77.55 (10)
3-16-P	87	100	8.04	8.04	7424	0	7.35 (10)	638.96 (10)	79.08 (10)
3-17-P	87	100	8.04	8.04	7639	0	7.61 (10)	661.17 (10)	81.83 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
3-18-P	87	100	8.04	8.04	7806	0	7.81 (10)	678.36 (10)	83.95 (10)
3-19-P	87	100	8.04	8.04	7856	0	7.87 (10)	683.66 (10)	84.61 (10)
3-20-P	87	100	8.04	8.04	7786	0	7.79 (10)	676.73 (10)	83.75 (10)
3-21-P	87	100	8.04	8.04	7555	0	7.52 (10)	653.32 (10)	80.85 (10)
3-22-P	87	100	8.04	8.04	7283	0	7.20 (10)	625.69 (10)	77.43 (10)
3-23-P	87	100	8.04	8.04	7060	0	6.94 (10)	603.08 (10)	74.64 (10)
3-24-P	87	100	8.04	8.04	6930	0	6.79 (10)	589.84 (10)	73.00 (10)
3-25-P	87	100	8.04	8.04	7060	0	6.94 (10)	603.08 (10)	74.64 (10)
3-26-P	87	100	8.04	8.04	7283	0	7.20 (10)	625.69 (10)	77.43 (10)
3-27-P	87	100	8.04	8.04	7555	0	7.52 (10)	653.32 (10)	80.85 (10)
3-28-P	87	100	8.04	8.04	7786	0	7.79 (10)	676.73 (10)	83.75 (10)
3-29-P	87	100	8.04	8.04	7856	0	7.87 (10)	683.66 (10)	84.61 (10)
3-30-P	87	100	8.04	8.04	7806	0	7.81 (10)	678.36 (10)	83.95 (10)
3-31-P	87	100	8.04	8.04	7639	0	7.61 (10)	661.17 (10)	81.83 (10)
3-32-P	87	100	8.04	8.04	7424	0	7.35 (10)	638.96 (10)	79.08 (10)
3-33-P	87	100	8.04	8.04	7305	0	7.21 (10)	626.61 (10)	77.55 (10)
3-34-P	87	100	8.04	8.04	7303	0	7.21 (10)	626.31 (10)	77.51 (10)
3-35-P	87	100	8.04	8.04	7502	0	7.44 (10)	646.56 (10)	80.02 (10)
3-36-P	87	100	8.04	8.04	7825	0	7.82 (10)	679.70 (10)	84.12 (10)
3-37-P	87	100	8.04	8.04	8144	0	8.20 (10)	712.72 (10)	88.21 (10)
3-38-P	87	100	8.04	8.04	8417	0	8.53 (10)	741.32 (10)	91.74 (10)
3-39-P	87	100	8.04	8.04	8467	0	8.61 (10)	748.08 (10)	92.58 (10)
3-40-P	87	100	8.04	8.04	8338	0	8.49 (10)	737.48 (10)	91.27 (10)
3-41-P	87	100	8.04	8.04	8054	0	8.20 (10)	712.31 (10)	88.15 (10)
3-42-P	87	100	8.04	8.04	7603	0	7.73 (10)	671.90 (10)	83.15 (10)
3-43-P	87	100	8.04	8.04	7005	0	7.13 (10)	619.83 (10)	76.71 (10)
3-44-P	87	100	8.04	8.04	6205	0	6.34 (10)	550.61 (10)	68.14 (10)
3-45-P	87	100	8.04	8.04	5049	0	5.18 (10)	450.52 (10)	55.76 (10)
3-46-P	87	100	8.04	8.04	3609	0	3.73 (10)	324.48 (10)	40.16 (10)
3-47-P	87	100	8.04	8.04	2477	-54	2.57 (10)	223.33 (10)	27.64 (10)
5-1-P	10	100	4.02	4.02	1	-1	0.01 (10)	0.28 (10)	0.24 (10)
5-2-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.12 (10)	0.26 (10)
5-3-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.36 (10)
5-4-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-5-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.09 (10)	0.31 (10)
5-6-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-7-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-8-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-9-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-10-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-11-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-12-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-13-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-14-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-15-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-16-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-17-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-18-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-19-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-20-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-21-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-22-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-23-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-24-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
5-25-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-26-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-27-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-28-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-29-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-30-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-31-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-32-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-33-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-34-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-35-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-36-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-37-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-38-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-39-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-40-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-41-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-42-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-43-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.09 (10)	0.31 (10)
5-44-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.33 (10)
5-45-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.10 (10)	0.36 (10)
5-46-P	10	100	4.02	4.02	0	-1	0.01 (10)	0.12 (10)	0.26 (10)
5-47-P	10	100	4.02	4.02	1	-1	0.01 (10)	0.28 (10)	0.24 (10)
6-1-S	94	100	31.42	12.57	2821	-2183	3.09 (10)	131.59 (10)	147.16 (10)
6-2-S	94	100	31.42	12.57	6802	-4479	5.90 (10)	251.19 (10)	302.86 (10)
6-3-S	94	100	31.42	12.57	382	-12348	10.09 (10)	110.28 (10)	833.23 (10)
6-4-S	94	100	31.42	12.57	111	-18192	15.30 (10)	167.33 (10)	1264.31 (10)
6-5-S	94	100	31.42	12.57	0	-16345	14.41 (10)	157.58 (10)	1190.68 (10)
6-6-S	94	100	31.42	12.57	23	-6025	6.35 (12)	69.44 (12)	524.65 (12)
6-7-S	94	100	31.42	12.57	1326	-686	1.41 (12)	59.85 (12)	59.72 (12)
6-8-S	94	100	31.42	12.57	12270	0	5.88 (10)	250.36 (10)	74.16 (10)
6-9-S	94	100	31.42	12.57	20618	0	10.90 (10)	463.55 (10)	137.31 (10)
6-10-S	94	100	31.42	12.57	28408	0	15.54 (10)	661.12 (10)	195.83 (10)
6-11-S	94	100	31.42	12.57	36594	0	20.38 (10)	867.11 (10)	256.85 (10)
6-12-S	94	100	31.42	12.57	45377	0	25.54 (10)	1086.60 (10)	321.86 (10)
6-13-S	94	100	31.42	12.57	0	-76	0.08 (10)	0.87 (10)	6.59 (10)
6-14-S	94	100	31.42	12.57	2	-1	0.00 (10)	0.06 (10)	0.08 (10)
7-1-S	94	100	31.42	12.57	1031	-2148	1.79 (10)	29.84 (10)	147.55 (10)
7-2-S	94	100	31.42	12.57	2103	-4655	3.86 (10)	73.87 (10)	318.62 (10)
7-3-S	94	100	31.42	12.57	463	-9003	7.53 (10)	82.35 (10)	622.23 (10)
7-4-S	94	100	31.42	12.57	174	-10428	9.05 (10)	98.94 (10)	747.59 (10)
7-5-S	94	100	31.42	12.57	9	-8200	7.71 (10)	84.32 (10)	637.10 (10)
7-6-S	94	100	31.42	12.57	386	-2627	3.63 (11)	39.63 (11)	299.47 (11)
7-7-S	94	100	31.42	12.57	5781	-12	2.14 (10)	91.12 (10)	26.99 (10)
7-8-S	94	100	31.42	12.57	13203	0	6.50 (10)	276.74 (10)	81.97 (10)
7-9-S	94	100	31.42	12.57	20710	0	10.94 (10)	465.47 (10)	137.88 (10)
7-10-S	94	100	31.42	12.57	28151	0	15.29 (10)	650.66 (10)	192.73 (10)
7-11-S	94	100	31.42	12.57	35571	0	19.60 (10)	833.76 (10)	246.97 (10)
7-12-S	94	100	31.42	12.57	42978	0	23.85 (10)	1014.84 (10)	300.61 (10)
7-13-S	94	100	31.42	12.57	0	-75	0.08 (10)	0.86 (10)	6.52 (10)
7-14-S	94	100	31.42	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
8-1-S	94	100	28.27	12.57	505	-1590	2.21 (10)	24.28 (10)	178.69 (10)
8-2-S	94	100	28.27	12.57	342	-3213	2.75 (10)	30.30 (10)	223.02 (10)
8-3-S	94	100	28.27	12.57	419	-4473	4.00 (10)	44.00 (10)	323.88 (10)
8-4-S	94	100	28.27	12.57	280	-3981	3.90 (10)	42.87 (10)	315.55 (10)
8-5-S	94	100	28.27	12.57	64	-2561	2.76 (12)	30.32 (12)	223.17 (12)
8-6-S	94	100	28.27	12.57	658	-527	1.42 (12)	26.28 (12)	114.88 (12)
8-7-S	94	100	28.27	12.57	7516	0	3.39 (10)	153.77 (10)	42.38 (10)
8-8-S	94	100	28.27	12.57	13661	0	7.10 (10)	321.58 (10)	88.62 (10)
8-9-S	94	100	28.27	12.57	20325	0	11.13 (10)	504.22 (10)	138.96 (10)
8-10-S	94	100	28.27	12.57	27132	0	15.22 (10)	689.67 (10)	190.07 (10)
8-11-S	94	100	28.27	12.57	33863	0	19.24 (10)	871.73 (10)	240.24 (10)
8-12-S	94	100	28.27	12.57	40476	0	23.16 (10)	1049.16 (10)	289.14 (10)
8-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
8-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
9-1-S	94	100	28.27	15.71	3783	-1765	2.54 (10)	117.35 (10)	96.88 (10)
9-2-S	94	100	28.27	15.71	8959	-4648	10.07 (10)	464.63 (10)	251.95 (10)
9-3-S	94	100	28.27	15.71	706	-14319	10.88 (10)	124.27 (10)	770.68 (10)
9-4-S	94	100	28.27	15.71	332	-21684	16.96 (10)	193.79 (10)	1201.80 (10)
9-5-S	94	100	28.27	15.71	0	-19309	15.80 (10)	180.52 (10)	1119.50 (10)
9-6-S	94	100	28.27	15.71	20	-6922	6.79 (10)	77.51 (10)	480.70 (10)
9-7-S	94	100	28.27	15.71	659	-384	0.71 (12)	32.86 (12)	33.60 (12)
9-8-S	94	100	28.27	15.71	11632	0	5.58 (10)	257.40 (10)	69.47 (10)
9-9-S	94	100	28.27	15.71	19227	0	10.18 (10)	469.49 (10)	126.71 (10)
9-10-S	94	100	28.27	15.71	26208	0	14.32 (10)	660.90 (10)	178.37 (10)
9-11-S	94	100	28.27	15.71	32986	0	18.31 (10)	844.98 (10)	228.05 (10)
9-12-S	94	100	28.27	15.71	39600	0	22.17 (10)	1022.98 (10)	276.09 (10)
9-13-S	94	100	28.27	15.71	0	-75	0.07 (10)	0.85 (10)	5.24 (10)
9-14-S	94	100	28.27	15.71	0	0	0.00 (10)	0.00 (10)	0.00 (10)
10-1-S	94	100	28.27	12.57	408	-1090	2.28 (10)	25.07 (10)	184.51 (10)
10-2-S	94	100	28.27	12.57	210	-2346	2.05 (10)	22.55 (10)	165.97 (10)
10-3-S	94	100	28.27	12.57	157	-3461	3.18 (10)	35.01 (10)	257.71 (10)
10-4-S	94	100	28.27	12.57	62	-3144	3.24 (10)	35.64 (10)	262.30 (10)
10-5-S	94	100	28.27	12.57	5	-2175	2.34 (12)	25.76 (12)	189.59 (12)
10-6-S	94	100	28.27	12.57	472	-228	1.23 (12)	18.87 (12)	99.28 (12)
10-7-S	94	100	28.27	12.57	7267	0	3.26 (10)	147.55 (10)	40.66 (10)
10-8-S	94	100	28.27	12.57	13027	0	6.71 (10)	304.08 (10)	83.80 (10)
10-9-S	94	100	28.27	12.57	19307	0	10.50 (10)	475.66 (10)	131.09 (10)
10-10-S	94	100	28.27	12.57	25732	0	14.35 (10)	650.33 (10)	179.23 (10)
10-11-S	94	100	28.27	12.57	32081	0	18.14 (10)	821.89 (10)	226.51 (10)
10-12-S	94	100	28.27	12.57	38313	0	21.83 (10)	989.07 (10)	272.58 (10)
10-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
10-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
11-1-S	94	100	28.27	12.57	2004	-2169	1.82 (10)	62.37 (10)	147.08 (10)
11-2-S	94	100	28.27	12.57	4479	-4258	3.59 (10)	139.88 (10)	290.51 (10)
11-3-S	94	100	28.27	12.57	594	-10151	8.54 (10)	93.92 (10)	691.26 (10)
11-4-S	94	100	28.27	12.57	281	-13582	11.79 (10)	129.71 (10)	954.69 (10)
11-5-S	94	100	28.27	12.57	25	-11449	10.58 (10)	116.38 (10)	856.54 (10)
11-6-S	94	100	28.27	12.57	204	-3840	4.23 (11)	46.56 (11)	342.69 (11)
11-7-S	94	100	28.27	12.57	1791	-256	1.97 (12)	89.44 (12)	55.77 (12)
11-8-S	94	100	28.27	12.57	11816	0	5.87 (10)	265.99 (10)	73.31 (10)
11-9-S	94	100	28.27	12.57	18785	0	10.14 (10)	459.46 (10)	126.62 (10)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
11-10-S	94	100	28.27	12.57	25448	0	14.17 (10)	641.94 (10)	176.91 (10)
11-11-S	94	100	28.27	12.57	31967	0	18.08 (10)	819.07 (10)	225.73 (10)
11-12-S	94	100	28.27	12.57	38353	0	21.88 (10)	991.17 (10)	273.16 (10)
11-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
11-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
12-1-S	94	100	28.27	12.57	2004	-2169	1.82 (10)	62.37 (10)	147.08 (10)
12-2-S	94	100	28.27	12.57	4479	-4258	3.59 (10)	139.88 (10)	290.51 (10)
12-3-S	94	100	28.27	12.57	594	-10151	8.54 (10)	93.92 (10)	691.26 (10)
12-4-S	94	100	28.27	12.57	281	-13582	11.79 (10)	129.71 (10)	954.69 (10)
12-5-S	94	100	28.27	12.57	25	-11449	10.58 (10)	116.38 (10)	856.54 (10)
12-6-S	94	100	28.27	12.57	204	-3840	4.23 (11)	46.56 (11)	342.69 (11)
12-7-S	94	100	28.27	12.57	1791	-256	1.97 (12)	89.44 (12)	55.77 (12)
12-8-S	94	100	28.27	12.57	11816	0	5.87 (10)	265.99 (10)	73.31 (10)
12-9-S	94	100	28.27	12.57	18785	0	10.14 (10)	459.46 (10)	126.62 (10)
12-10-S	94	100	28.27	12.57	25448	0	14.17 (10)	641.94 (10)	176.91 (10)
12-11-S	94	100	28.27	12.57	31967	0	18.08 (10)	819.07 (10)	225.73 (10)
12-12-S	94	100	28.27	12.57	38353	0	21.88 (10)	991.17 (10)	273.16 (10)
12-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
12-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
13-1-S	94	100	28.27	12.57	408	-1090	2.28 (10)	25.07 (10)	184.51 (10)
13-2-S	94	100	28.27	12.57	210	-2346	2.05 (10)	22.55 (10)	165.97 (10)
13-3-S	94	100	28.27	12.57	157	-3461	3.18 (10)	35.01 (10)	257.71 (10)
13-4-S	94	100	28.27	12.57	62	-3144	3.24 (10)	35.64 (10)	262.30 (10)
13-5-S	94	100	28.27	12.57	5	-2175	2.34 (12)	25.76 (12)	189.59 (12)
13-6-S	94	100	28.27	12.57	472	-228	1.23 (12)	18.87 (12)	99.28 (12)
13-7-S	94	100	28.27	12.57	7267	0	3.26 (10)	147.55 (10)	40.66 (10)
13-8-S	94	100	28.27	12.57	13027	0	6.71 (10)	304.08 (10)	83.80 (10)
13-9-S	94	100	28.27	12.57	19307	0	10.50 (10)	475.66 (10)	131.09 (10)
13-10-S	94	100	28.27	12.57	25732	0	14.35 (10)	650.33 (10)	179.23 (10)
13-11-S	94	100	28.27	12.57	32081	0	18.14 (10)	821.89 (10)	226.51 (10)
13-12-S	94	100	28.27	12.57	38313	0	21.83 (10)	989.07 (10)	272.58 (10)
13-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
13-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
14-1-S	94	100	28.27	15.71	3783	-1765	2.54 (10)	117.35 (10)	96.88 (10)
14-2-S	94	100	28.27	15.71	8959	-4648	10.07 (10)	464.63 (10)	251.95 (10)
14-3-S	94	100	28.27	15.71	706	-14319	10.88 (10)	124.27 (10)	770.68 (10)
14-4-S	94	100	28.27	15.71	332	-21684	16.96 (10)	193.79 (10)	1201.80 (10)
14-5-S	94	100	28.27	15.71	0	-19309	15.80 (10)	180.52 (10)	1119.50 (10)
14-6-S	94	100	28.27	15.71	20	-6922	6.79 (10)	77.51 (10)	480.70 (10)
14-7-S	94	100	28.27	15.71	659	-384	0.71 (12)	32.86 (12)	33.60 (12)
14-8-S	94	100	28.27	15.71	11632	0	5.58 (10)	257.40 (10)	69.47 (10)
14-9-S	94	100	28.27	15.71	19227	0	10.18 (10)	469.49 (10)	126.71 (10)
14-10-S	94	100	28.27	15.71	26208	0	14.32 (10)	660.90 (10)	178.37 (10)
14-11-S	94	100	28.27	15.71	32986	0	18.31 (10)	844.98 (10)	228.05 (10)
14-12-S	94	100	28.27	15.71	39600	0	22.17 (10)	1022.98 (10)	276.09 (10)
14-13-S	94	100	28.27	15.71	0	-75	0.07 (10)	0.85 (10)	5.24 (10)
14-14-S	94	100	28.27	15.71	0	0	0.00 (10)	0.00 (10)	0.00 (10)
15-1-S	94	100	28.27	12.57	505	-1590	2.21 (10)	24.28 (10)	178.69 (10)
15-2-S	94	100	28.27	12.57	342	-3213	2.75 (10)	30.30 (10)	223.02 (10)
15-3-S	94	100	28.27	12.57	419	-4473	4.00 (10)	44.00 (10)	323.88 (10)
15-4-S	94	100	28.27	12.57	280	-3981	3.90 (10)	42.87 (10)	315.55 (10)
15-5-S	94	100	28.27	12.57	64	-2561	2.76 (12)	30.32 (12)	223.17 (12)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
15-6-S	94	100	28.27	12.57	658	-527	1.42 (12)	26.28 (12)	114.88 (12)
15-7-S	94	100	28.27	12.57	7516	0	3.39 (10)	153.77 (10)	42.38 (10)
15-8-S	94	100	28.27	12.57	13661	0	7.10 (10)	321.58 (10)	88.62 (10)
15-9-S	94	100	28.27	12.57	20325	0	11.13 (10)	504.22 (10)	138.96 (10)
15-10-S	94	100	28.27	12.57	27132	0	15.22 (10)	689.67 (10)	190.07 (10)
15-11-S	94	100	28.27	12.57	33863	0	19.24 (10)	871.73 (10)	240.24 (10)
15-12-S	94	100	28.27	12.57	40476	0	23.16 (10)	1049.16 (10)	289.14 (10)
15-13-S	94	100	28.27	12.57	0	-75	0.08 (10)	0.89 (10)	6.52 (10)
15-14-S	94	100	28.27	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
16-1-S	94	100	31.42	12.57	1031	-2148	1.79 (10)	29.84 (10)	147.55 (10)
16-2-S	94	100	31.42	12.57	2103	-4655	3.86 (10)	73.87 (10)	318.62 (10)
16-3-S	94	100	31.42	12.57	463	-9003	7.53 (10)	82.35 (10)	622.23 (10)
16-4-S	94	100	31.42	12.57	174	-10428	9.05 (10)	98.94 (10)	747.59 (10)
16-5-S	94	100	31.42	12.57	9	-8200	7.71 (10)	84.32 (10)	637.10 (10)
16-6-S	94	100	31.42	12.57	386	-2627	3.63 (11)	39.63 (11)	299.47 (11)
16-7-S	94	100	31.42	12.57	5781	-12	2.14 (10)	91.12 (10)	26.99 (10)
16-8-S	94	100	31.42	12.57	13203	0	6.50 (10)	276.74 (10)	81.97 (10)
16-9-S	94	100	31.42	12.57	20710	0	10.94 (10)	465.47 (10)	137.88 (10)
16-10-S	94	100	31.42	12.57	28151	0	15.29 (10)	650.66 (10)	192.73 (10)
16-11-S	94	100	31.42	12.57	35571	0	19.60 (10)	833.76 (10)	246.97 (10)
16-12-S	94	100	31.42	12.57	42978	0	23.85 (10)	1014.84 (10)	300.61 (10)
16-13-S	94	100	31.42	12.57	0	-75	0.08 (10)	0.86 (10)	6.52 (10)
16-14-S	94	100	31.42	12.57	0	0	0.00 (10)	0.00 (10)	0.00 (10)
17-1-S	94	100	31.42	12.57	2821	-2183	3.09 (10)	131.59 (10)	147.16 (10)
17-2-S	94	100	31.42	12.57	6802	-4479	5.90 (10)	251.19 (10)	302.86 (10)
17-3-S	94	100	31.42	12.57	382	-12348	10.09 (10)	110.28 (10)	833.23 (10)
17-4-S	94	100	31.42	12.57	111	-18192	15.30 (10)	167.33 (10)	1264.31 (10)
17-5-S	94	100	31.42	12.57	0	-16345	14.41 (10)	157.58 (10)	1190.68 (10)
17-6-S	94	100	31.42	12.57	23	-6025	6.35 (12)	69.44 (12)	524.65 (12)
17-7-S	94	100	31.42	12.57	1326	-686	1.41 (12)	59.85 (12)	59.72 (12)
17-8-S	94	100	31.42	12.57	12270	0	5.88 (10)	250.36 (10)	74.16 (10)
17-9-S	94	100	31.42	12.57	20618	0	10.90 (10)	463.55 (10)	137.31 (10)
17-10-S	94	100	31.42	12.57	28408	0	15.54 (10)	661.12 (10)	195.83 (10)
17-11-S	94	100	31.42	12.57	36594	0	20.38 (10)	867.11 (10)	256.85 (10)
17-12-S	94	100	31.42	12.57	45377	0	25.54 (10)	1086.60 (10)	321.86 (10)
17-13-S	94	100	31.42	12.57	0	-76	0.08 (10)	0.87 (10)	6.59 (10)
17-14-S	94	100	31.42	12.57	2	-1	0.00 (10)	0.06 (10)	0.08 (10)

Pali in c.a.

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1	1	169.65	93.19	1970.27		
1	2	169.65	86.69	1845.33		
1	3	169.65	80.18	1720.39		
1	4	169.65	73.67	1595.48		
1	5	169.65	67.16	1470.58		
1	6	169.65	60.65	1345.70		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1	7	169.65	54.14	1220.84		
1	8	169.65	47.62	1096.03		
1	9	169.65	41.09	971.26		
1	10	169.65	34.56	846.56		
1	11	169.65	28.01	721.97		
1	12	169.65	21.43	597.55		
1	13	169.65	15.04	473.41		
1	14	169.65	10.09	349.60		
1	15	169.65	5.18	219.91		
1	16	169.65	0.22	188.00		
1	17	169.65	6.55	318.61		
1	18	169.65	13.55	438.61		
1	19	169.65	20.26	558.97		
1	20	169.65	26.89	679.65		
1	21	169.65	32.47	781.51		
1	22	169.65	37.10	865.91		
1	23	169.65	40.87	934.28		
1	24	169.65	43.85	987.97		
1	25	169.65	46.12	1028.33		
1	26	169.65	47.75	1056.63		
1	27	169.65	48.80	1074.10		
1	28	169.65	49.34	1081.89		
1	29	169.65	49.42	1081.10		
1	30	169.65	49.10	1072.75		
1	31	169.65	48.43	1057.81		
1	32	169.65	47.46	1037.18		
1	33	169.65	46.23	1011.69		
1	34	169.65	44.78	982.11		
1	35	169.65	43.16	949.15		
1	36	169.65	41.38	913.45		
1	37	169.65	39.50	875.62		
1	38	169.65	37.53	836.18		
1	39	169.65	35.50	795.63		
1	40	169.65	33.43	754.39		
1	41	169.65	31.35	712.86		
1	42	169.65	29.27	671.38		
1	43	169.65	27.20	630.25		
1	44	169.65	25.17	589.73		
1	45	169.65	23.19	550.05		
1	46	169.65	21.25	511.41		
1	47	169.65	19.38	473.95		
1	48	42.41	39.71	1462.06		
1	49	42.41	35.99	1350.76		
1	50	42.41	32.44	1244.26		
1	51	42.41	29.05	1142.76		
1	52	42.41	25.84	1046.38		
1	53	42.41	22.80	955.22		
1	54	42.41	19.93	869.29		
1	55	42.41	17.23	788.58		
1	56	42.41	14.70	713.05		
1	57	42.41	12.31	642.59		
1	58	42.41	10.07	577.08		
1	59	42.41	7.94	516.34		
1	60	42.41	5.87	460.11		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	61	42.41	5.39	407.91		
1	62	42.41	4.98	358.12		
1	63	42.41	4.63	305.39		
1	64	42.41	4.32	256.82		
1	65	42.41	4.06	213.03		
1	66	42.41	3.84	188.85		
1	67	42.41	4.18	210.02		
1	68	42.41	4.51	227.21		
1	69	42.41	4.81	240.70		
1	70	42.41	5.08	250.76		
1	71	42.41	5.31	256.13		
1	72	42.41	5.52	257.00		
1	73	42.41	5.71	255.29		
1	74	42.41	5.87	251.56		
1	75	42.41	6.02	246.08		
1	76	42.41	6.14	239.05		
1	77	42.41	6.25	230.67		
1	78	42.41	6.34	221.07		
1	79	42.41	6.42	210.42		
1	80	42.41	6.49	198.85		
1	81	42.41	6.55	186.48		
1	82	42.41	6.60	173.45		
1	83	42.41	6.64	159.87		
1	84	42.41	6.68	145.84		
1	85	42.41	6.72	131.48		
1	86	42.41	6.75	116.87		
1	87	42.41	6.78	102.12		
1	88	42.41	6.82	98.66		
1	89	42.41	6.85	99.58		
1	90	42.41	6.88	100.52		
1	91	42.41	6.92	101.48		
1	92	42.41	6.96	102.49		
1	93	42.41	7.01	103.55		
1	94	42.41	7.06	104.67		
1	95	42.41	7.12	105.85		
1	96	42.41	7.19	107.11		
1	97	42.41	7.26	108.46		
1	98	42.41	7.34	109.89		
1	99	42.41	7.44	111.43		
1	100	42.41	7.54	113.07		
1	101	42.41	7.66	114.83		
2	1	169.65	100.35	1281.79		
2	2	169.65	93.79	1159.51		
2	3	169.65	87.22	1037.43		
2	4	169.65	80.64	916.07		
2	5	169.65	74.05	838.51		
2	6	169.65	67.46	770.86		
2	7	169.65	60.87	703.01		
2	8	169.65	54.29	634.93		
2	9	169.65	47.72	566.70		
2	10	169.65	41.23	498.59		
2	11	169.65	34.90	431.42		
2	12	169.65	28.95	367.14		
2	13	169.65	23.69	308.96		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2	14	169.65	18.95	255.74		
2	15	169.65	14.23	202.63		
2	16	169.65	13.26	191.89		
2	17	169.65	18.04	245.66		
2	18	169.65	22.81	299.43		
2	19	169.65	27.92	356.43		
2	20	169.65	33.74	419.90		
2	21	169.65	39.01	476.40		
2	22	169.65	43.53	524.24		
2	23	169.65	47.25	563.40		
2	24	169.65	50.22	594.44		
2	25	169.65	52.47	618.05		
2	26	169.65	54.09	634.92		
2	27	169.65	55.13	645.75		
2	28	169.65	55.65	651.19		
2	29	169.65	55.71	651.85		
2	30	169.65	55.36	648.29		
2	31	169.65	54.67	641.06		
2	32	169.65	53.66	630.66		
2	33	169.65	52.40	617.54		
2	34	169.65	50.92	602.13		
2	35	169.65	49.27	584.83		
2	36	169.65	47.47	566.00		
2	37	169.65	45.56	545.99		
2	38	169.65	43.58	525.12		
2	39	169.65	41.55	503.67		
2	40	169.65	39.50	481.93		
2	41	169.65	37.46	460.16		
2	42	169.65	35.45	438.61		
2	43	169.65	33.49	417.51		
2	44	169.65	31.61	397.08		
2	45	169.65	29.82	377.51		
2	46	169.65	28.13	358.98		
2	47	169.65	26.56	341.59		
2	48	42.41	34.25	414.02		
2	49	42.41	32.35	395.65		
2	50	42.41	30.63	378.88		
2	51	42.41	29.03	363.14		
2	52	42.41	27.51	348.22		
2	53	42.41	26.07	334.12		
2	54	42.41	24.72	320.87		
2	55	42.41	23.46	308.44		
2	56	42.41	22.29	296.84		
2	57	42.41	21.19	286.05		
2	58	42.41	20.18	276.05		
2	59	42.41	19.25	266.82		
2	60	42.41	18.40	258.34		
2	61	42.41	17.62	250.57		
2	62	42.41	16.91	243.49		
2	63	42.41	16.27	237.05		
2	64	42.41	15.70	231.24		
2	65	42.41	15.18	226.02		
2	66	42.41	14.92	223.24		
2	67	42.41	15.24	226.17		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
2	68	42.41	15.51	228.58		
2	69	42.41	15.73	230.50		
2	70	42.41	15.91	231.97		
2	71	42.41	16.04	233.02		
2	72	42.41	16.13	233.68		
2	73	42.41	16.19	233.99		
2	74	42.41	16.21	233.97		
2	75	42.41	16.21	233.66		
2	76	42.41	16.18	233.08		
2	77	42.41	16.12	232.25		
2	78	42.41	16.05	231.21		
2	79	42.41	15.95	229.97		
2	80	42.41	15.84	228.56		
2	81	42.41	15.71	227.00		
2	82	42.41	15.57	225.31		
2	83	42.41	15.41	223.51		
2	84	42.41	15.25	221.62		
2	85	42.41	15.09	219.66		
2	86	42.41	14.91	217.64		
2	87	42.41	14.74	215.57		
2	88	42.41	14.56	213.48		
2	89	42.41	14.38	211.37		
2	90	42.41	14.20	209.26		
2	91	42.41	14.03	207.16		
2	92	42.41	13.85	205.09		
2	93	42.41	13.68	203.06		
2	94	42.41	13.52	201.07		
2	95	42.41	13.36	199.14		
2	96	42.41	13.21	197.29		
2	97	42.41	13.07	195.51		
2	98	42.41	12.95	193.83		
2	99	42.41	12.83	192.25		
2	100	42.41	12.72	190.79		
2	101	42.41	12.63	189.45		

Verifica a fessurazione

Simbologia adottata
n° indice sezione
Y ordinata sezione espressa in [m]
B larghezza sezione espresso in [cm]
H altezza sezione espressa in [cm]
Af area ferri zona tesa espresso in [cmq]
Aeff area efficace espressa in [cmq]
M momento agente espressa in [kgm]
Mpf momento di prima fessurazione espressa in [kgm]
ε deformazione espresso in %

Sm spaziatura tra le fessure espressa in [mm]
w apertura delle fessure espressa in [mm]

Combinazioni SLEF

Paramento

Apertura limite fessure w_{lim}=0.40

n°	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[%]*	*[mm]*	*[mm]*
1	100	40	0.00	0.00	0	0	0.000000	0.00	0.000 (11)
2	100	42	0.00	0.00	-2	-829	0.000000	0.00	0.000 (11)
3	100	44	0.00	0.00	-8	-1843	0.000000	0.00	0.000 (11)
4	100	46	0.00	0.00	-18	-3058	0.000000	0.00	0.000 (11)
5	100	49	0.00	0.00	-32	-4492	0.000000	0.00	0.000 (11)
6	100	51	0.00	0.00	-50	-6161	0.000000	0.00	0.000 (11)
7	100	53	0.00	0.00	-74	-8084	0.000000	0.00	0.000 (11)
8	100	55	0.00	0.00	-101	-10150	0.000000	0.00	0.000 (11)
9	100	57	0.00	0.00	-119	-10485	0.000000	0.00	0.000 (11)
10	100	59	0.00	0.00	-99	-6742	0.000000	0.00	0.000 (11)
11	100	61	0.00	0.00	-8	-398	0.000000	0.00	0.000 (11)
12	100	63	0.00	0.00	184	11891	0.000000	0.00	0.000 (11)
13	100	66	0.00	0.00	510	98609	0.000000	0.00	0.000 (11)
14	100	68	12.57	587.58	1001	102966	0.000000	0.00	0.000 (11)
15	100	70	12.57	1476.78	1689	57376	0.000000	0.00	0.000 (11)
16	100	72	12.57	2073.04	2605	48148	0.000000	0.00	0.000 (11)
17	100	74	12.57	2429.89	3781	45123	0.000000	0.00	0.000 (11)
18	100	76	12.57	2671.34	5249	44285	0.000000	0.00	0.000 (11)
19	100	78	12.57	2857.20	7039	44487	0.000000	0.00	0.000 (11)
20	100	80	12.57	3012.82	9167	45286	0.000000	0.00	0.000 (11)
21	100	83	18.85	2967.66	11638	48066	0.000000	0.00	0.000 (11)
22	100	85	18.85	3094.25	14460	49537	0.000000	0.00	0.000 (11)

Piastra fondazione

Apertura limite fessure w_{lim}=0.40

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[%]*	*[mm]*	*[mm]*
1-1-P	87	100	8.04	2426.63	489	49333	0.000000	0.00	0.000
1-2-P	87	100	8.04	2426.63	-1134	49333	0.000000	0.00	0.000
1-3-P	87	100	8.04	2426.63	-5179	49333	0.000000	0.00	0.000
1-4-P	87	100	8.04	2426.63	-8812	49333	0.000000	0.00	0.000
1-5-P	87	100	8.04	2426.63	-8125	49333	0.000000	0.00	0.000
1-6-P	87	100	8.04	2426.63	-4263	49333	0.000000	0.00	0.000
1-7-P	87	100	8.04	2426.63	1590	49333	0.000000	0.00	0.000
1-8-P	87	100	8.04	2426.63	2589	49333	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-9-P	87	100	8.04	2426.63	3234	49333	0.000000	0.00	0.000
1-10-P	87	100	8.04	2426.63	3328	49333	0.000000	0.00	0.000
1-11-P	87	100	8.04	2426.63	2714	49333	0.000000	0.00	0.000
1-12-P	87	100	8.04	2426.63	1889	49333	0.000000	0.00	0.000
1-13-P	87	100	8.04	2426.63	-4823	49333	0.000000	0.00	0.000
1-14-P	87	100	8.04	2426.63	-8934	49333	0.000000	0.00	0.000
1-15-P	87	100	8.04	2426.63	-6391	49333	0.000000	0.00	0.000
1-16-P	87	100	8.04	2426.63	-3059	49333	0.000000	0.00	0.000
1-17-P	87	100	8.04	2426.63	2110	49333	0.000000	0.00	0.000
1-18-P	87	100	8.04	2426.63	2771	49333	0.000000	0.00	0.000
1-19-P	87	100	8.04	2426.63	3084	49333	0.000000	0.00	0.000
1-20-P	87	100	8.04	2426.63	2929	49333	0.000000	0.00	0.000
1-21-P	87	100	8.04	2426.63	2250	49333	0.000000	0.00	0.000
1-22-P	87	100	8.04	2426.63	-2518	49333	0.000000	0.00	0.000
1-23-P	87	100	8.04	2426.63	-5515	49333	0.000000	0.00	0.000
1-24-P	87	100	0.00	0.00	-10330	0	0.000000	0.00	0.000
1-25-P	87	100	8.04	2426.63	-5515	49333	0.000000	0.00	0.000
1-26-P	87	100	8.04	2426.63	-2518	49333	0.000000	0.00	0.000
1-27-P	87	100	8.04	2426.63	2250	49333	0.000000	0.00	0.000
1-28-P	87	100	8.04	2426.63	2929	49333	0.000000	0.00	0.000
1-29-P	87	100	8.04	2426.63	3084	49333	0.000000	0.00	0.000
1-30-P	87	100	8.04	2426.63	2771	49333	0.000000	0.00	0.000
1-31-P	87	100	8.04	2426.63	2110	49333	0.000000	0.00	0.000
1-32-P	87	100	8.04	2426.63	-3059	49333	0.000000	0.00	0.000
1-33-P	87	100	8.04	2426.63	-6391	49333	0.000000	0.00	0.000
1-34-P	87	100	8.04	2426.63	-8934	49333	0.000000	0.00	0.000
1-35-P	87	100	8.04	2426.63	-4823	49333	0.000000	0.00	0.000
1-36-P	87	100	8.04	2426.63	1889	49333	0.000000	0.00	0.000
1-37-P	87	100	8.04	2426.63	2714	49333	0.000000	0.00	0.000
1-38-P	87	100	8.04	2426.63	3328	49333	0.000000	0.00	0.000
1-39-P	87	100	8.04	2426.63	3234	49333	0.000000	0.00	0.000
1-40-P	87	100	8.04	2426.63	2589	49333	0.000000	0.00	0.000
1-41-P	87	100	8.04	2426.63	1590	49333	0.000000	0.00	0.000
1-42-P	87	100	8.04	2426.63	-4263	49333	0.000000	0.00	0.000
1-43-P	87	100	8.04	2426.63	-8125	49333	0.000000	0.00	0.000
1-44-P	87	100	8.04	2426.63	-8812	49333	0.000000	0.00	0.000
1-45-P	87	100	8.04	2426.63	-5179	49333	0.000000	0.00	0.000
1-46-P	87	100	8.04	2426.63	-1134	49333	0.000000	0.00	0.000
1-47-P	87	100	8.04	2426.63	489	49333	0.000000	0.00	0.000
2-1-P	87	100	8.04	2426.67	326	49334	0.000000	0.00	0.000
2-2-P	87	100	8.04	2426.67	-969	49334	0.000000	0.00	0.000
2-3-P	87	100	8.04	2426.67	-1714	49334	0.000000	0.00	0.000
2-4-P	87	100	8.04	2426.67	-2886	49334	0.000000	0.00	0.000
2-5-P	87	100	8.04	2426.67	-2615	49334	0.000000	0.00	0.000
2-6-P	87	100	8.04	2426.67	-1062	49334	0.000000	0.00	0.000
2-7-P	87	100	8.04	2426.67	1105	49334	0.000000	0.00	0.000
2-8-P	87	100	8.04	2426.67	2062	49334	0.000000	0.00	0.000
2-9-P	87	100	8.04	2426.67	2830	49334	0.000000	0.00	0.000
2-10-P	87	100	8.04	2426.67	2853	49334	0.000000	0.00	0.000
2-11-P	87	100	8.04	2426.67	1915	49334	0.000000	0.00	0.000
2-12-P	87	100	8.04	2426.67	1094	49334	0.000000	0.00	0.000
2-13-P	87	100	8.04	2426.67	-1386	49334	0.000000	0.00	0.000
2-14-P	87	100	8.04	2426.67	-3021	49334	0.000000	0.00	0.000
2-15-P	87	100	8.04	2426.67	-2150	49334	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
2-16-P	87	100	8.04	2426.67	-847	49334	0.000000	0.00	0.000
2-17-P	87	100	8.04	2426.67	1222	49334	0.000000	0.00	0.000
2-18-P	87	100	8.04	2426.67	2107	49334	0.000000	0.00	0.000
2-19-P	87	100	8.04	2426.67	2532	49334	0.000000	0.00	0.000
2-20-P	87	100	8.04	2426.67	2304	49334	0.000000	0.00	0.000
2-21-P	87	100	8.04	2426.67	1320	49334	0.000000	0.00	0.000
2-22-P	87	100	8.04	2426.67	-777	49334	0.000000	0.00	0.000
2-23-P	87	100	8.04	2426.67	-1930	49334	0.000000	0.00	0.000
2-24-P	87	100	8.04	2426.67	-3598	49334	0.000000	0.00	0.000
2-25-P	87	100	8.04	2426.67	-1930	49334	0.000000	0.00	0.000
2-26-P	87	100	8.04	2426.67	-777	49334	0.000000	0.00	0.000
2-27-P	87	100	8.04	2426.67	1320	49334	0.000000	0.00	0.000
2-28-P	87	100	8.04	2426.67	2304	49334	0.000000	0.00	0.000
2-29-P	87	100	8.04	2426.67	2532	49334	0.000000	0.00	0.000
2-30-P	87	100	8.04	2426.67	2107	49334	0.000000	0.00	0.000
2-31-P	87	100	8.04	2426.67	1222	49334	0.000000	0.00	0.000
2-32-P	87	100	8.04	2426.67	-847	49334	0.000000	0.00	0.000
2-33-P	87	100	8.04	2426.67	-2150	49334	0.000000	0.00	0.000
2-34-P	87	100	8.04	2426.67	-3021	49334	0.000000	0.00	0.000
2-35-P	87	100	8.04	2426.67	-1386	49334	0.000000	0.00	0.000
2-36-P	87	100	8.04	2426.67	1094	49334	0.000000	0.00	0.000
2-37-P	87	100	8.04	2426.67	1915	49334	0.000000	0.00	0.000
2-38-P	87	100	8.04	2426.67	2853	49334	0.000000	0.00	0.000
2-39-P	87	100	8.04	2426.67	2830	49334	0.000000	0.00	0.000
2-40-P	87	100	8.04	2426.67	2062	49334	0.000000	0.00	0.000
2-41-P	87	100	8.04	2426.67	1105	49334	0.000000	0.00	0.000
2-42-P	87	100	8.04	2426.67	-1062	49334	0.000000	0.00	0.000
2-43-P	87	100	8.04	2426.67	-2615	49334	0.000000	0.00	0.000
2-44-P	87	100	8.04	2426.67	-2886	49334	0.000000	0.00	0.000
2-45-P	87	100	8.04	2426.67	-1714	49334	0.000000	0.00	0.000
2-46-P	87	100	8.04	2426.67	-969	49334	0.000000	0.00	0.000
2-47-P	87	100	8.04	2426.67	326	49334	0.000000	0.00	0.000
3-1-P	87	100	8.04	2426.67	1910	49334	0.000000	0.00	0.000
3-2-P	87	100	8.04	2426.67	2778	49334	0.000000	0.00	0.000
3-3-P	87	100	8.04	2426.67	3870	49334	0.000000	0.00	0.000
3-4-P	87	100	8.04	2426.67	4741	49334	0.000000	0.00	0.000
3-5-P	87	100	8.04	2426.67	5343	49334	0.000000	0.00	0.000
3-6-P	87	100	8.04	2426.67	5795	49334	0.000000	0.00	0.000
3-7-P	87	100	8.04	2426.67	6141	49334	0.000000	0.00	0.000
3-8-P	87	100	8.04	2426.67	6358	49334	0.000000	0.00	0.000
3-9-P	87	100	8.04	2426.67	6452	49334	0.000000	0.00	0.000
3-10-P	87	100	8.04	2426.67	6402	49334	0.000000	0.00	0.000
3-11-P	87	100	8.04	2426.67	6172	49334	0.000000	0.00	0.000
3-12-P	87	100	8.04	2426.67	5904	49334	0.000000	0.00	0.000
3-13-P	87	100	8.04	2426.67	5635	49334	0.000000	0.00	0.000
3-14-P	87	100	8.04	2426.67	5470	49334	0.000000	0.00	0.000
3-15-P	87	100	8.04	2426.67	5472	49334	0.000000	0.00	0.000
3-16-P	87	100	8.04	2426.67	5572	49334	0.000000	0.00	0.000
3-17-P	87	100	8.04	2426.67	5753	49334	0.000000	0.00	0.000
3-18-P	87	100	8.04	2426.67	5892	49334	0.000000	0.00	0.000
3-19-P	87	100	8.04	2426.67	5934	49334	0.000000	0.00	0.000
3-20-P	87	100	8.04	2426.67	5877	49334	0.000000	0.00	0.000
3-21-P	87	100	8.04	2426.67	5686	49334	0.000000	0.00	0.000
3-22-P	87	100	8.04	2426.67	5461	49334	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
3-23-P	87	100	8.04	2426.67	5277	49334	0.000000	0.00	0.000
3-24-P	87	100	8.04	2426.67	5169	49334	0.000000	0.00	0.000
3-25-P	87	100	8.04	2426.67	5277	49334	0.000000	0.00	0.000
3-26-P	87	100	8.04	2426.67	5461	49334	0.000000	0.00	0.000
3-27-P	87	100	8.04	2426.67	5686	49334	0.000000	0.00	0.000
3-28-P	87	100	8.04	2426.67	5877	49334	0.000000	0.00	0.000
3-29-P	87	100	8.04	2426.67	5934	49334	0.000000	0.00	0.000
3-30-P	87	100	8.04	2426.67	5892	49334	0.000000	0.00	0.000
3-31-P	87	100	8.04	2426.67	5753	49334	0.000000	0.00	0.000
3-32-P	87	100	8.04	2426.67	5572	49334	0.000000	0.00	0.000
3-33-P	87	100	8.04	2426.67	5472	49334	0.000000	0.00	0.000
3-34-P	87	100	8.04	2426.67	5470	49334	0.000000	0.00	0.000
3-35-P	87	100	8.04	2426.67	5635	49334	0.000000	0.00	0.000
3-36-P	87	100	8.04	2426.67	5904	49334	0.000000	0.00	0.000
3-37-P	87	100	8.04	2426.67	6172	49334	0.000000	0.00	0.000
3-38-P	87	100	8.04	2426.67	6402	49334	0.000000	0.00	0.000
3-39-P	87	100	8.04	2426.67	6452	49334	0.000000	0.00	0.000
3-40-P	87	100	8.04	2426.67	6358	49334	0.000000	0.00	0.000
3-41-P	87	100	8.04	2426.67	6141	49334	0.000000	0.00	0.000
3-42-P	87	100	8.04	2426.67	5795	49334	0.000000	0.00	0.000
3-43-P	87	100	8.04	2426.67	5343	49334	0.000000	0.00	0.000
3-44-P	87	100	8.04	2426.67	4741	49334	0.000000	0.00	0.000
3-45-P	87	100	8.04	2426.67	3870	49334	0.000000	0.00	0.000
3-46-P	87	100	8.04	2426.67	2778	49334	0.000000	0.00	0.000
3-47-P	87	100	8.04	2426.67	1910	49334	0.000000	0.00	0.000
5-1-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-2-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-3-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-4-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-5-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-6-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-7-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-8-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-9-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-10-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-11-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-12-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-13-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-14-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-15-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-16-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-17-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-18-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-19-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-20-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-21-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-22-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-23-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-24-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-25-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-26-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-27-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-28-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-29-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
5-30-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-31-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-32-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-33-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-34-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-35-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-36-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-37-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-38-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-39-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-40-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-41-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-42-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-43-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-44-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-45-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-46-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-47-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
6-1-S	94	100	31.42	3530.12	2393	60423	0.000000	0.00	0.000
6-2-S	94	100	31.42	3530.12	5787	60423	0.000000	0.00	0.000
6-3-S	94	100	31.42	3530.12	-10468	60423	0.000000	0.00	0.000
6-4-S	94	100	31.42	3530.12	-15712	60423	0.000000	0.00	0.000
6-5-S	94	100	12.57	4013.72	-14547	-57382	0.000000	0.00	0.000
6-6-S	94	100	31.42	3530.12	-6002	60423	0.000000	0.00	0.000
6-7-S	94	100	31.42	3530.12	1985	60423	0.000000	0.00	0.000
6-8-S	94	100	31.42	3530.12	8644	60423	0.000000	0.00	0.000
6-9-S	94	100	31.42	3530.12	15338	60423	0.000000	0.00	0.000
6-10-S	94	100	31.42	3530.12	21557	60423	0.000000	0.00	0.000
6-11-S	94	100	31.42	3530.12	28063	60423	0.000000	0.00	0.000
6-12-S	94	100	31.42	3530.12	35015	60423	0.000000	0.00	0.000
6-13-S	94	100	12.57	4013.72	-76	-57382	0.000000	0.00	0.000
6-14-S	94	100	0.00	0.00	2	0	0.000000	0.00	0.000
7-1-S	94	100	31.42	3530.12	-1842	60423	0.000000	0.00	0.000
7-2-S	94	100	31.42	3530.12	-3982	60423	0.000000	0.00	0.000
7-3-S	94	100	31.42	3530.12	-7748	60423	0.000000	0.00	0.000
7-4-S	94	100	31.42	3530.12	-9186	60423	0.000000	0.00	0.000
7-5-S	94	100	31.42	3530.12	-7609	60423	0.000000	0.00	0.000
7-6-S	94	100	31.42	3530.12	-2627	60423	0.000000	0.00	0.000
7-7-S	94	100	31.42	3530.12	3548	60423	0.000000	0.00	0.000
7-8-S	94	100	31.42	3530.12	9441	60423	0.000000	0.00	0.000
7-9-S	94	100	31.42	3530.12	15404	60423	0.000000	0.00	0.000
7-10-S	94	100	31.42	3530.12	21278	60423	0.000000	0.00	0.000
7-11-S	94	100	31.42	3530.12	27107	60423	0.000000	0.00	0.000
7-12-S	94	100	31.42	3530.12	32893	60423	0.000000	0.00	0.000
7-13-S	94	100	12.57	4013.72	-75	-57382	0.000000	0.00	0.000
7-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-1-S	94	100	28.27	3584.14	-1347	59547	0.000000	0.00	0.000
8-2-S	94	100	28.27	3584.14	-2771	59547	0.000000	0.00	0.000
8-3-S	94	100	28.27	3584.14	-3963	59547	0.000000	0.00	0.000
8-4-S	94	100	28.27	3584.14	-3740	59547	0.000000	0.00	0.000
8-5-S	94	100	28.27	3584.14	-2433	59547	0.000000	0.00	0.000
8-6-S	94	100	28.27	3584.14	1152	59547	0.000000	0.00	0.000
8-7-S	94	100	28.27	3584.14	5022	59547	0.000000	0.00	0.000
8-8-S	94	100	28.27	3584.14	9849	59547	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
8-9-S	94	100	28.27	3584.14	15095	59547	0.000000	0.00	0.000
8-10-S	94	100	28.27	3584.14	20434	59547	0.000000	0.00	0.000
8-11-S	94	100	28.27	3584.14	25691	59547	0.000000	0.00	0.000
8-12-S	94	100	28.27	3584.14	30833	59547	0.000000	0.00	0.000
8-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
8-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
9-1-S	94	100	28.27	3599.39	3216	59955	0.000000	0.00	0.000
9-2-S	94	100	28.27	3599.39	7631	59955	0.000000	0.00	0.000
9-3-S	94	100	28.27	3599.39	-12074	59955	0.000000	0.00	0.000
9-4-S	94	100	28.27	3599.39	-18624	59955	0.000000	0.00	0.000
9-5-S	94	100	15.71	3918.52	-17066	-57926	0.000000	0.00	0.000
9-6-S	94	100	28.27	3599.39	-6887	59955	0.000000	0.00	0.000
9-7-S	94	100	28.27	3599.39	1295	59955	0.000000	0.00	0.000
9-8-S	94	100	28.27	3599.39	8115	59955	0.000000	0.00	0.000
9-9-S	94	100	28.27	3599.39	14169	59955	0.000000	0.00	0.000
9-10-S	94	100	28.27	3599.39	19673	59955	0.000000	0.00	0.000
9-11-S	94	100	28.27	3599.39	24988	59955	0.000000	0.00	0.000
9-12-S	94	100	28.27	3599.39	30146	59955	0.000000	0.00	0.000
9-13-S	94	100	15.71	3918.52	-75	-57926	0.000000	0.00	0.000
9-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
10-1-S	94	100	28.27	3584.14	-926	59547	0.000000	0.00	0.000
10-2-S	94	100	28.27	3584.14	-2048	59547	0.000000	0.00	0.000
10-3-S	94	100	28.27	3584.14	-3122	59547	0.000000	0.00	0.000
10-4-S	94	100	28.27	3584.14	-3058	59547	0.000000	0.00	0.000
10-5-S	94	100	28.27	3584.14	-1989	59547	0.000000	0.00	0.000
10-6-S	94	100	28.27	3584.14	994	59547	0.000000	0.00	0.000
10-7-S	94	100	28.27	3584.14	4837	59547	0.000000	0.00	0.000
10-8-S	94	100	28.27	3584.14	9348	59547	0.000000	0.00	0.000
10-9-S	94	100	28.27	3584.14	14282	59547	0.000000	0.00	0.000
10-10-S	94	100	28.27	3584.14	19316	59547	0.000000	0.00	0.000
10-11-S	94	100	28.27	3584.14	24272	59547	0.000000	0.00	0.000
10-12-S	94	100	28.27	3584.14	29116	59547	0.000000	0.00	0.000
10-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
10-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-1-S	94	100	28.27	3584.14	-1843	59547	0.000000	0.00	0.000
11-2-S	94	100	28.27	3584.14	3818	59547	0.000000	0.00	0.000
11-3-S	94	100	28.27	3584.14	-8650	59547	0.000000	0.00	0.000
11-4-S	94	100	28.27	3584.14	-11808	59547	0.000000	0.00	0.000
11-5-S	94	100	28.27	3584.14	-10358	59547	0.000000	0.00	0.000
11-6-S	94	100	28.27	3584.14	-3840	59547	0.000000	0.00	0.000
11-7-S	94	100	28.27	3584.14	2582	59547	0.000000	0.00	0.000
11-8-S	94	100	28.27	3584.14	8311	59547	0.000000	0.00	0.000
11-9-S	94	100	28.27	3584.14	13839	59547	0.000000	0.00	0.000
11-10-S	94	100	28.27	3584.14	19082	59547	0.000000	0.00	0.000
11-11-S	94	100	28.27	3584.14	24188	59547	0.000000	0.00	0.000
11-12-S	94	100	28.27	3584.14	29165	59547	0.000000	0.00	0.000
11-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
11-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
12-1-S	94	100	28.27	3584.14	-1843	59547	0.000000	0.00	0.000
12-2-S	94	100	28.27	3584.14	3818	59547	0.000000	0.00	0.000
12-3-S	94	100	28.27	3584.14	-8650	59547	0.000000	0.00	0.000
12-4-S	94	100	28.27	3584.14	-11808	59547	0.000000	0.00	0.000
12-5-S	94	100	28.27	3584.14	-10358	59547	0.000000	0.00	0.000
12-6-S	94	100	28.27	3584.14	-3840	59547	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
12-7-S	94	100	28.27	3584.14	2582	59547	0.000000	0.00	0.000
12-8-S	94	100	28.27	3584.14	8311	59547	0.000000	0.00	0.000
12-9-S	94	100	28.27	3584.14	13839	59547	0.000000	0.00	0.000
12-10-S	94	100	28.27	3584.14	19082	59547	0.000000	0.00	0.000
12-11-S	94	100	28.27	3584.14	24188	59547	0.000000	0.00	0.000
12-12-S	94	100	28.27	3584.14	29165	59547	0.000000	0.00	0.000
12-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
12-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
13-1-S	94	100	28.27	3584.14	-926	59547	0.000000	0.00	0.000
13-2-S	94	100	28.27	3584.14	-2048	59547	0.000000	0.00	0.000
13-3-S	94	100	28.27	3584.14	-3122	59547	0.000000	0.00	0.000
13-4-S	94	100	28.27	3584.14	-3058	59547	0.000000	0.00	0.000
13-5-S	94	100	28.27	3584.14	-1989	59547	0.000000	0.00	0.000
13-6-S	94	100	28.27	3584.14	994	59547	0.000000	0.00	0.000
13-7-S	94	100	28.27	3584.14	4837	59547	0.000000	0.00	0.000
13-8-S	94	100	28.27	3584.14	9348	59547	0.000000	0.00	0.000
13-9-S	94	100	28.27	3584.14	14282	59547	0.000000	0.00	0.000
13-10-S	94	100	28.27	3584.14	19316	59547	0.000000	0.00	0.000
13-11-S	94	100	28.27	3584.14	24272	59547	0.000000	0.00	0.000
13-12-S	94	100	28.27	3584.14	29116	59547	0.000000	0.00	0.000
13-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
13-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-1-S	94	100	28.27	3599.39	3216	59955	0.000000	0.00	0.000
14-2-S	94	100	28.27	3599.39	7631	59955	0.000000	0.00	0.000
14-3-S	94	100	28.27	3599.39	-12074	59955	0.000000	0.00	0.000
14-4-S	94	100	28.27	3599.39	-18624	59955	0.000000	0.00	0.000
14-5-S	94	100	15.71	3918.52	-17066	-57926	0.000000	0.00	0.000
14-6-S	94	100	28.27	3599.39	-6887	59955	0.000000	0.00	0.000
14-7-S	94	100	28.27	3599.39	1295	59955	0.000000	0.00	0.000
14-8-S	94	100	28.27	3599.39	8115	59955	0.000000	0.00	0.000
14-9-S	94	100	28.27	3599.39	14169	59955	0.000000	0.00	0.000
14-10-S	94	100	28.27	3599.39	19673	59955	0.000000	0.00	0.000
14-11-S	94	100	28.27	3599.39	24988	59955	0.000000	0.00	0.000
14-12-S	94	100	28.27	3599.39	30146	59955	0.000000	0.00	0.000
14-13-S	94	100	15.71	3918.52	-75	-57926	0.000000	0.00	0.000
14-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
15-1-S	94	100	28.27	3584.14	-1347	59547	0.000000	0.00	0.000
15-2-S	94	100	28.27	3584.14	-2771	59547	0.000000	0.00	0.000
15-3-S	94	100	28.27	3584.14	-3963	59547	0.000000	0.00	0.000
15-4-S	94	100	28.27	3584.14	-3740	59547	0.000000	0.00	0.000
15-5-S	94	100	28.27	3584.14	-2433	59547	0.000000	0.00	0.000
15-6-S	94	100	28.27	3584.14	1152	59547	0.000000	0.00	0.000
15-7-S	94	100	28.27	3584.14	5022	59547	0.000000	0.00	0.000
15-8-S	94	100	28.27	3584.14	9849	59547	0.000000	0.00	0.000
15-9-S	94	100	28.27	3584.14	15095	59547	0.000000	0.00	0.000
15-10-S	94	100	28.27	3584.14	20434	59547	0.000000	0.00	0.000
15-11-S	94	100	28.27	3584.14	25691	59547	0.000000	0.00	0.000
15-12-S	94	100	28.27	3584.14	30833	59547	0.000000	0.00	0.000
15-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
15-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-1-S	94	100	31.42	3530.12	-1842	60423	0.000000	0.00	0.000
16-2-S	94	100	31.42	3530.12	-3982	60423	0.000000	0.00	0.000
16-3-S	94	100	31.42	3530.12	-7748	60423	0.000000	0.00	0.000
16-4-S	94	100	31.42	3530.12	-9186	60423	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
16-5-S	94	100	31.42	3530.12	-7609	60423	0.000000	0.00	0.000
16-6-S	94	100	31.42	3530.12	-2627	60423	0.000000	0.00	0.000
16-7-S	94	100	31.42	3530.12	3548	60423	0.000000	0.00	0.000
16-8-S	94	100	31.42	3530.12	9441	60423	0.000000	0.00	0.000
16-9-S	94	100	31.42	3530.12	15404	60423	0.000000	0.00	0.000
16-10-S	94	100	31.42	3530.12	21278	60423	0.000000	0.00	0.000
16-11-S	94	100	31.42	3530.12	27107	60423	0.000000	0.00	0.000
16-12-S	94	100	31.42	3530.12	32893	60423	0.000000	0.00	0.000
16-13-S	94	100	12.57	4013.72	-75	-57382	0.000000	0.00	0.000
16-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-1-S	94	100	31.42	3530.12	2393	60423	0.000000	0.00	0.000
17-2-S	94	100	31.42	3530.12	5787	60423	0.000000	0.00	0.000
17-3-S	94	100	31.42	3530.12	-10468	60423	0.000000	0.00	0.000
17-4-S	94	100	31.42	3530.12	-15712	60423	0.000000	0.00	0.000
17-5-S	94	100	12.57	4013.72	-14547	-57382	0.000000	0.00	0.000
17-6-S	94	100	31.42	3530.12	-6002	60423	0.000000	0.00	0.000
17-7-S	94	100	31.42	3530.12	1985	60423	0.000000	0.00	0.000
17-8-S	94	100	31.42	3530.12	8644	60423	0.000000	0.00	0.000
17-9-S	94	100	31.42	3530.12	15338	60423	0.000000	0.00	0.000
17-10-S	94	100	31.42	3530.12	21557	60423	0.000000	0.00	0.000
17-11-S	94	100	31.42	3530.12	28063	60423	0.000000	0.00	0.000
17-12-S	94	100	31.42	3530.12	35015	60423	0.000000	0.00	0.000
17-13-S	94	100	12.57	4013.72	-76	-57382	0.000000	0.00	0.000
17-14-S	94	100	0.00	0.00	2	0	0.000000	0.00	0.000

Pali in c.a.

Apertura limite fessure w_{lim}=0.400 mm

Ip	Is	Af	Aeff	Mpf	M	N	ε	Sm	wm
		[cmq]	[cmq]	[kgm]	[kgm]	[kg]	[%]	[mm]	[mm]
1	1	106.03	4326.77	22234	-88588	-75811	0.0656	492.57	0.32
2	1	77.75	3147.34	33609	-88588	138444	0.0366	490.63	0.18

Combinazioni SLEQ

Paramento

Apertura limite fessure w_{lim}=0.30

n°	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1	100	40	0.00	0.00	0	0	0.000000	0.00	0.000 (12)
2	100	42	0.00	0.00	-2	-829	0.000000	0.00	0.000 (12)
3	100	44	0.00	0.00	-8	-1843	0.000000	0.00	0.000 (12)
4	100	46	0.00	0.00	-18	-3058	0.000000	0.00	0.000 (12)
5	100	49	0.00	0.00	-32	-4492	0.000000	0.00	0.000 (12)
6	100	51	0.00	0.00	-50	-6161	0.000000	0.00	0.000 (12)

n°	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
7	100	53	0.00	0.00	-74	-8084	0.000000	0.00	0.000 (12)
8	100	55	0.00	0.00	-102	-10278	0.000000	0.00	0.000 (12)
9	100	57	0.00	0.00	-135	-12720	0.000000	0.00	0.000 (12)
10	100	59	0.00	0.00	-164	-14104	0.000000	0.00	0.000 (12)
11	100	61	0.00	0.00	-161	-11393	0.000000	0.00	0.000 (12)
12	100	63	0.00	0.00	-95	-4947	0.000000	0.00	0.000 (12)
13	100	66	0.00	0.00	66	2972	0.000000	0.00	0.000 (12)
14	100	68	0.00	0.00	354	25645	0.000000	0.00	0.000 (12)
15	100	70	0.00	0.00	800	775726	0.000000	0.00	0.000 (12)
16	100	72	12.57	897.50	1436	88266	0.000000	0.00	0.000 (12)
17	100	74	12.57	1737.85	2294	59940	0.000000	0.00	0.000 (12)
18	100	76	12.57	2279.92	3405	52336	0.000000	0.00	0.000 (12)
19	100	78	12.57	2614.48	4800	49663	0.000000	0.00	0.000 (12)
20	100	80	12.57	2847.75	6501	48958	0.000000	0.00	0.000 (12)
21	100	83	18.85	2837.42	8525	50926	0.000000	0.00	0.000 (12)
22	100	85	18.85	2994.04	10901	51788	0.000000	0.00	0.000 (12)

Piastra fondazione

Apertura limite fessure w_{lim}=0.30

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-1-P	87	100	8.04	2426.63	442	49333	0.000000	0.00	0.000
1-2-P	87	100	8.04	2426.63	-1016	49333	0.000000	0.00	0.000
1-3-P	87	100	8.04	2426.63	-4662	49333	0.000000	0.00	0.000
1-4-P	87	100	8.04	2426.63	-7859	49333	0.000000	0.00	0.000
1-5-P	87	100	8.04	2426.63	-7250	49333	0.000000	0.00	0.000
1-6-P	87	100	8.04	2426.63	-3869	49333	0.000000	0.00	0.000
1-7-P	87	100	8.04	2426.63	1454	49333	0.000000	0.00	0.000
1-8-P	87	100	8.04	2426.63	2301	49333	0.000000	0.00	0.000
1-9-P	87	100	8.04	2426.63	2858	49333	0.000000	0.00	0.000
1-10-P	87	100	8.04	2426.63	2938	49333	0.000000	0.00	0.000
1-11-P	87	100	8.04	2426.63	2400	49333	0.000000	0.00	0.000
1-12-P	87	100	8.04	2426.63	-1721	49333	0.000000	0.00	0.000
1-13-P	87	100	8.04	2426.63	-4392	49333	0.000000	0.00	0.000
1-14-P	87	100	8.04	2426.63	-8011	49333	0.000000	0.00	0.000
1-15-P	87	100	8.04	2426.63	-5768	49333	0.000000	0.00	0.000
1-16-P	87	100	8.04	2426.63	-2814	49333	0.000000	0.00	0.000
1-17-P	87	100	8.04	2426.63	1876	49333	0.000000	0.00	0.000
1-18-P	87	100	8.04	2426.63	2418	49333	0.000000	0.00	0.000
1-19-P	87	100	8.04	2426.63	2688	49333	0.000000	0.00	0.000
1-20-P	87	100	8.04	2426.63	2554	49333	0.000000	0.00	0.000
1-21-P	87	100	8.04	2426.63	1969	49333	0.000000	0.00	0.000
1-22-P	87	100	8.04	2426.63	-2317	49333	0.000000	0.00	0.000
1-23-P	87	100	8.04	2426.63	-5005	49333	0.000000	0.00	0.000
1-24-P	87	100	8.04	2426.63	-9267	49333	0.000000	0.00	0.000
1-25-P	87	100	8.04	2426.63	-5005	49333	0.000000	0.00	0.000
1-26-P	87	100	8.04	2426.63	-2317	49333	0.000000	0.00	0.000
1-27-P	87	100	8.04	2426.63	1969	49333	0.000000	0.00	0.000
1-28-P	87	100	8.04	2426.63	2554	49333	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-29-P	87	100	8.04	2426.63	2688	49333	0.000000	0.00	0.000
1-30-P	87	100	8.04	2426.63	2418	49333	0.000000	0.00	0.000
1-31-P	87	100	8.04	2426.63	1876	49333	0.000000	0.00	0.000
1-32-P	87	100	8.04	2426.63	-2814	49333	0.000000	0.00	0.000
1-33-P	87	100	8.04	2426.63	-5768	49333	0.000000	0.00	0.000
1-34-P	87	100	8.04	2426.63	-8011	49333	0.000000	0.00	0.000
1-35-P	87	100	8.04	2426.63	-4392	49333	0.000000	0.00	0.000
1-36-P	87	100	8.04	2426.63	-1721	49333	0.000000	0.00	0.000
1-37-P	87	100	8.04	2426.63	2400	49333	0.000000	0.00	0.000
1-38-P	87	100	8.04	2426.63	2938	49333	0.000000	0.00	0.000
1-39-P	87	100	8.04	2426.63	2858	49333	0.000000	0.00	0.000
1-40-P	87	100	8.04	2426.63	2301	49333	0.000000	0.00	0.000
1-41-P	87	100	8.04	2426.63	1454	49333	0.000000	0.00	0.000
1-42-P	87	100	8.04	2426.63	-3869	49333	0.000000	0.00	0.000
1-43-P	87	100	8.04	2426.63	-7250	49333	0.000000	0.00	0.000
1-44-P	87	100	8.04	2426.63	-7859	49333	0.000000	0.00	0.000
1-45-P	87	100	8.04	2426.63	-4662	49333	0.000000	0.00	0.000
1-46-P	87	100	8.04	2426.63	-1016	49333	0.000000	0.00	0.000
1-47-P	87	100	8.04	2426.63	442	49333	0.000000	0.00	0.000
2-1-P	87	100	8.04	2426.67	299	49334	0.000000	0.00	0.000
2-2-P	87	100	8.04	2426.67	-884	49334	0.000000	0.00	0.000
2-3-P	87	100	8.04	2426.67	-1540	49334	0.000000	0.00	0.000
2-4-P	87	100	8.04	2426.67	-2642	49334	0.000000	0.00	0.000
2-5-P	87	100	8.04	2426.67	-2408	49334	0.000000	0.00	0.000
2-6-P	87	100	8.04	2426.67	-997	49334	0.000000	0.00	0.000
2-7-P	87	100	8.04	2426.67	905	49334	0.000000	0.00	0.000
2-8-P	87	100	8.04	2426.67	1711	49334	0.000000	0.00	0.000
2-9-P	87	100	8.04	2426.67	2391	49334	0.000000	0.00	0.000
2-10-P	87	100	8.04	2426.67	2403	49334	0.000000	0.00	0.000
2-11-P	87	100	8.04	2426.67	1567	49334	0.000000	0.00	0.000
2-12-P	87	100	8.04	2426.67	871	49334	0.000000	0.00	0.000
2-13-P	87	100	8.04	2426.67	-1301	49334	0.000000	0.00	0.000
2-14-P	87	100	8.04	2426.67	-2845	49334	0.000000	0.00	0.000
2-15-P	87	100	8.04	2426.67	-2046	49334	0.000000	0.00	0.000
2-16-P	87	100	8.04	2426.67	-827	49334	0.000000	0.00	0.000
2-17-P	87	100	8.04	2426.67	949	49334	0.000000	0.00	0.000
2-18-P	87	100	8.04	2426.67	1709	49334	0.000000	0.00	0.000
2-19-P	87	100	8.04	2426.67	2091	49334	0.000000	0.00	0.000
2-20-P	87	100	8.04	2426.67	1886	49334	0.000000	0.00	0.000
2-21-P	87	100	8.04	2426.67	1034	49334	0.000000	0.00	0.000
2-22-P	87	100	8.04	2426.67	-772	49334	0.000000	0.00	0.000
2-23-P	87	100	8.04	2426.67	-1848	49334	0.000000	0.00	0.000
2-24-P	87	100	8.04	2426.67	-3382	49334	0.000000	0.00	0.000
2-25-P	87	100	8.04	2426.67	-1848	49334	0.000000	0.00	0.000
2-26-P	87	100	8.04	2426.67	-772	49334	0.000000	0.00	0.000
2-27-P	87	100	8.04	2426.67	1034	49334	0.000000	0.00	0.000
2-28-P	87	100	8.04	2426.67	1886	49334	0.000000	0.00	0.000
2-29-P	87	100	8.04	2426.67	2091	49334	0.000000	0.00	0.000
2-30-P	87	100	8.04	2426.67	1709	49334	0.000000	0.00	0.000
2-31-P	87	100	8.04	2426.67	949	49334	0.000000	0.00	0.000
2-32-P	87	100	8.04	2426.67	-827	49334	0.000000	0.00	0.000
2-33-P	87	100	8.04	2426.67	-2046	49334	0.000000	0.00	0.000
2-34-P	87	100	8.04	2426.67	-2845	49334	0.000000	0.00	0.000
2-35-P	87	100	8.04	2426.67	-1301	49334	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
2-36-P	87	100	8.04	2426.67	871	49334	0.000000	0.00	0.000
2-37-P	87	100	8.04	2426.67	1567	49334	0.000000	0.00	0.000
2-38-P	87	100	8.04	2426.67	2403	49334	0.000000	0.00	0.000
2-39-P	87	100	8.04	2426.67	2391	49334	0.000000	0.00	0.000
2-40-P	87	100	8.04	2426.67	1711	49334	0.000000	0.00	0.000
2-41-P	87	100	8.04	2426.67	905	49334	0.000000	0.00	0.000
2-42-P	87	100	8.04	2426.67	-997	49334	0.000000	0.00	0.000
2-43-P	87	100	8.04	2426.67	-2408	49334	0.000000	0.00	0.000
2-44-P	87	100	8.04	2426.67	-2642	49334	0.000000	0.00	0.000
2-45-P	87	100	8.04	2426.67	-1540	49334	0.000000	0.00	0.000
2-46-P	87	100	8.04	2426.67	-884	49334	0.000000	0.00	0.000
2-47-P	87	100	8.04	2426.67	299	49334	0.000000	0.00	0.000
3-1-P	87	100	8.04	2426.67	1641	49334	0.000000	0.00	0.000
3-2-P	87	100	8.04	2426.67	2385	49334	0.000000	0.00	0.000
3-3-P	87	100	8.04	2426.67	3311	49334	0.000000	0.00	0.000
3-4-P	87	100	8.04	2426.67	4046	49334	0.000000	0.00	0.000
3-5-P	87	100	8.04	2426.67	4555	49334	0.000000	0.00	0.000
3-6-P	87	100	8.04	2426.67	4938	49334	0.000000	0.00	0.000
3-7-P	87	100	8.04	2426.67	5235	49334	0.000000	0.00	0.000
3-8-P	87	100	8.04	2426.67	5420	49334	0.000000	0.00	0.000
3-9-P	87	100	8.04	2426.67	5498	49334	0.000000	0.00	0.000
3-10-P	87	100	8.04	2426.67	5448	49334	0.000000	0.00	0.000
3-11-P	87	100	8.04	2426.67	5238	49334	0.000000	0.00	0.000
3-12-P	87	100	8.04	2426.67	4995	49334	0.000000	0.00	0.000
3-13-P	87	100	8.04	2426.67	4752	49334	0.000000	0.00	0.000
3-14-P	87	100	8.04	2426.67	4603	49334	0.000000	0.00	0.000
3-15-P	87	100	8.04	2426.67	4605	49334	0.000000	0.00	0.000
3-16-P	87	100	8.04	2426.67	4696	49334	0.000000	0.00	0.000
3-17-P	87	100	8.04	2426.67	4859	49334	0.000000	0.00	0.000
3-18-P	87	100	8.04	2426.67	4985	49334	0.000000	0.00	0.000
3-19-P	87	100	8.04	2426.67	5024	49334	0.000000	0.00	0.000
3-20-P	87	100	8.04	2426.67	4973	49334	0.000000	0.00	0.000
3-21-P	87	100	8.04	2426.67	4801	49334	0.000000	0.00	0.000
3-22-P	87	100	8.04	2426.67	4598	49334	0.000000	0.00	0.000
3-23-P	87	100	8.04	2426.67	4432	49334	0.000000	0.00	0.000
3-24-P	87	100	8.04	2426.67	4335	49334	0.000000	0.00	0.000
3-25-P	87	100	8.04	2426.67	4432	49334	0.000000	0.00	0.000
3-26-P	87	100	8.04	2426.67	4598	49334	0.000000	0.00	0.000
3-27-P	87	100	8.04	2426.67	4801	49334	0.000000	0.00	0.000
3-28-P	87	100	8.04	2426.67	4973	49334	0.000000	0.00	0.000
3-29-P	87	100	8.04	2426.67	5024	49334	0.000000	0.00	0.000
3-30-P	87	100	8.04	2426.67	4985	49334	0.000000	0.00	0.000
3-31-P	87	100	8.04	2426.67	4859	49334	0.000000	0.00	0.000
3-32-P	87	100	8.04	2426.67	4696	49334	0.000000	0.00	0.000
3-33-P	87	100	8.04	2426.67	4605	49334	0.000000	0.00	0.000
3-34-P	87	100	8.04	2426.67	4603	49334	0.000000	0.00	0.000
3-35-P	87	100	8.04	2426.67	4752	49334	0.000000	0.00	0.000
3-36-P	87	100	8.04	2426.67	4995	49334	0.000000	0.00	0.000
3-37-P	87	100	8.04	2426.67	5238	49334	0.000000	0.00	0.000
3-38-P	87	100	8.04	2426.67	5448	49334	0.000000	0.00	0.000
3-39-P	87	100	8.04	2426.67	5498	49334	0.000000	0.00	0.000
3-40-P	87	100	8.04	2426.67	5420	49334	0.000000	0.00	0.000
3-41-P	87	100	8.04	2426.67	5235	49334	0.000000	0.00	0.000
3-42-P	87	100	8.04	2426.67	4938	49334	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
3-43-P	87	100	8.04	2426.67	4555	49334	0.000000	0.00	0.000
3-44-P	87	100	8.04	2426.67	4046	49334	0.000000	0.00	0.000
3-45-P	87	100	8.04	2426.67	3311	49334	0.000000	0.00	0.000
3-46-P	87	100	8.04	2426.67	2385	49334	0.000000	0.00	0.000
3-47-P	87	100	8.04	2426.67	1641	49334	0.000000	0.00	0.000
5-1-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-2-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-3-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-4-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-5-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-6-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-7-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-8-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-9-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-10-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-11-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-12-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-13-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-14-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-15-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-16-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-17-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-18-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-19-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-20-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-21-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-22-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-23-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-24-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-25-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-26-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-27-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-28-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-29-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-30-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-31-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-32-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-33-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-34-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-35-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-36-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-37-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-38-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-39-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-40-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-41-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-42-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-43-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-44-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-45-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-46-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
5-47-P	10	100	0.00	0.00	-1	0	0.000000	0.00	0.000
6-1-S	94	100	31.42	3530.12	2187	60423	0.000000	0.00	0.000
6-2-S	94	100	31.42	3530.12	5301	60423	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
6-3-S	94	100	31.42	3530.12	-9569	60423	0.000000	0.00	0.000
6-4-S	94	100	31.42	3530.12	-14519	60423	0.000000	0.00	0.000
6-5-S	94	100	12.57	4013.72	-13674	-57382	0.000000	0.00	0.000
6-6-S	94	100	31.42	3530.12	-6025	60423	0.000000	0.00	0.000
6-7-S	94	100	31.42	3530.12	1326	60423	0.000000	0.00	0.000
6-8-S	94	100	31.42	3530.12	6935	60423	0.000000	0.00	0.000
6-9-S	94	100	31.42	3530.12	12841	60423	0.000000	0.00	0.000
6-10-S	94	100	31.42	3530.12	18313	60423	0.000000	0.00	0.000
6-11-S	94	100	31.42	3530.12	24019	60423	0.000000	0.00	0.000
6-12-S	94	100	31.42	3530.12	30099	60423	0.000000	0.00	0.000
6-13-S	94	100	12.57	4013.72	-76	-57382	0.000000	0.00	0.000
6-14-S	94	100	0.00	0.00	2	0	0.000000	0.00	0.000
7-1-S	94	100	31.42	3530.12	-1694	60423	0.000000	0.00	0.000
7-2-S	94	100	31.42	3530.12	-3659	60423	0.000000	0.00	0.000
7-3-S	94	100	31.42	3530.12	-7146	60423	0.000000	0.00	0.000
7-4-S	94	100	31.42	3530.12	-8585	60423	0.000000	0.00	0.000
7-5-S	94	100	0.00	0.00	-7316	0	0.000000	0.00	0.000
7-6-S	94	100	31.42	3530.12	-2751	60423	0.000000	0.00	0.000
7-7-S	94	100	31.42	3530.12	2524	60423	0.000000	0.00	0.000
7-8-S	94	100	31.42	3530.12	7666	60423	0.000000	0.00	0.000
7-9-S	94	100	31.42	3530.12	12894	60423	0.000000	0.00	0.000
7-10-S	94	100	31.42	3530.12	18023	60423	0.000000	0.00	0.000
7-11-S	94	100	31.42	3530.12	23095	60423	0.000000	0.00	0.000
7-12-S	94	100	31.42	3530.12	28112	60423	0.000000	0.00	0.000
7-13-S	94	100	12.57	4013.72	-75	-57382	0.000000	0.00	0.000
7-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-1-S	94	100	28.27	3584.14	-1230	59547	0.000000	0.00	0.000
8-2-S	94	100	28.27	3584.14	-2559	59547	0.000000	0.00	0.000
8-3-S	94	100	28.27	3584.14	-3716	59547	0.000000	0.00	0.000
8-4-S	94	100	28.27	3584.14	-3621	59547	0.000000	0.00	0.000
8-5-S	94	100	28.27	3584.14	-2561	59547	0.000000	0.00	0.000
8-6-S	94	100	28.27	3584.14	658	59547	0.000000	0.00	0.000
8-7-S	94	100	28.27	3584.14	3849	59547	0.000000	0.00	0.000
8-8-S	94	100	28.27	3584.14	8049	59547	0.000000	0.00	0.000
8-9-S	94	100	28.27	3584.14	12621	59547	0.000000	0.00	0.000
8-10-S	94	100	28.27	3584.14	17263	59547	0.000000	0.00	0.000
8-11-S	94	100	28.27	3584.14	21819	59547	0.000000	0.00	0.000
8-12-S	94	100	28.27	3584.14	26261	59547	0.000000	0.00	0.000
8-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
8-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
9-1-S	94	100	28.27	3599.39	2944	59955	0.000000	0.00	0.000
9-2-S	94	100	28.27	3599.39	6994	59955	0.000000	0.00	0.000
9-3-S	94	100	28.27	3599.39	-11001	59955	0.000000	0.00	0.000
9-4-S	94	100	28.27	3599.39	-17154	59955	0.000000	0.00	0.000
9-5-S	94	100	15.71	3918.52	-15980	-57926	0.000000	0.00	0.000
9-6-S	94	100	15.71	3918.52	-6861	-57926	0.000000	0.00	0.000
9-7-S	94	100	28.27	3599.39	659	59955	0.000000	0.00	0.000
9-8-S	94	100	28.27	3599.39	6457	59955	0.000000	0.00	0.000
9-9-S	94	100	28.27	3599.39	11778	59955	0.000000	0.00	0.000
9-10-S	94	100	28.27	3599.39	16580	59955	0.000000	0.00	0.000
9-11-S	94	100	28.27	3599.39	21198	59955	0.000000	0.00	0.000
9-12-S	94	100	28.27	3599.39	25663	59955	0.000000	0.00	0.000
9-13-S	94	100	15.71	3918.52	-75	-57926	0.000000	0.00	0.000
9-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
10-1-S	94	100	28.27	3584.14	-847	59547	0.000000	0.00	0.000
10-2-S	94	100	28.27	3584.14	-1904	59547	0.000000	0.00	0.000
10-3-S	94	100	28.27	3584.14	-2957	59547	0.000000	0.00	0.000
10-4-S	94	100	28.27	3584.14	-3010	59547	0.000000	0.00	0.000
10-5-S	94	100	0.00	0.00	-2175	0	0.000000	0.00	0.000
10-6-S	94	100	28.27	3584.14	472	59547	0.000000	0.00	0.000
10-7-S	94	100	28.27	3584.14	3693	59547	0.000000	0.00	0.000
10-8-S	94	100	28.27	3584.14	7611	59547	0.000000	0.00	0.000
10-9-S	94	100	28.27	3584.14	11906	59547	0.000000	0.00	0.000
10-10-S	94	100	28.27	3584.14	16278	59547	0.000000	0.00	0.000
10-11-S	94	100	28.27	3584.14	20572	59547	0.000000	0.00	0.000
10-12-S	94	100	28.27	3584.14	24756	59547	0.000000	0.00	0.000
10-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
10-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-1-S	94	100	28.27	3584.14	-1688	59547	0.000000	0.00	0.000
11-2-S	94	100	28.27	3584.14	3501	59547	0.000000	0.00	0.000
11-3-S	94	100	28.27	3584.14	-7931	59547	0.000000	0.00	0.000
11-4-S	94	100	28.27	3584.14	-10954	59547	0.000000	0.00	0.000
11-5-S	94	100	28.27	3584.14	-9828	59547	0.000000	0.00	0.000
11-6-S	94	100	28.27	3584.14	-3932	59547	0.000000	0.00	0.000
11-7-S	94	100	28.27	3584.14	1791	59547	0.000000	0.00	0.000
11-8-S	94	100	28.27	3584.14	6658	59547	0.000000	0.00	0.000
11-9-S	94	100	28.27	3584.14	11500	59547	0.000000	0.00	0.000
11-10-S	94	100	28.27	3584.14	16068	59547	0.000000	0.00	0.000
11-11-S	94	100	28.27	3584.14	20501	59547	0.000000	0.00	0.000
11-12-S	94	100	28.27	3584.14	24809	59547	0.000000	0.00	0.000
11-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
11-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
12-1-S	94	100	28.27	3584.14	-1688	59547	0.000000	0.00	0.000
12-2-S	94	100	28.27	3584.14	3501	59547	0.000000	0.00	0.000
12-3-S	94	100	28.27	3584.14	-7931	59547	0.000000	0.00	0.000
12-4-S	94	100	28.27	3584.14	-10954	59547	0.000000	0.00	0.000
12-5-S	94	100	28.27	3584.14	-9828	59547	0.000000	0.00	0.000
12-6-S	94	100	28.27	3584.14	-3932	59547	0.000000	0.00	0.000
12-7-S	94	100	28.27	3584.14	1791	59547	0.000000	0.00	0.000
12-8-S	94	100	28.27	3584.14	6658	59547	0.000000	0.00	0.000
12-9-S	94	100	28.27	3584.14	11500	59547	0.000000	0.00	0.000
12-10-S	94	100	28.27	3584.14	16068	59547	0.000000	0.00	0.000
12-11-S	94	100	28.27	3584.14	20501	59547	0.000000	0.00	0.000
12-12-S	94	100	28.27	3584.14	24809	59547	0.000000	0.00	0.000
12-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
12-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
13-1-S	94	100	28.27	3584.14	-847	59547	0.000000	0.00	0.000
13-2-S	94	100	28.27	3584.14	-1904	59547	0.000000	0.00	0.000
13-3-S	94	100	28.27	3584.14	-2957	59547	0.000000	0.00	0.000
13-4-S	94	100	28.27	3584.14	-3010	59547	0.000000	0.00	0.000
13-5-S	94	100	0.00	0.00	-2175	0	0.000000	0.00	0.000
13-6-S	94	100	28.27	3584.14	472	59547	0.000000	0.00	0.000
13-7-S	94	100	28.27	3584.14	3693	59547	0.000000	0.00	0.000
13-8-S	94	100	28.27	3584.14	7611	59547	0.000000	0.00	0.000
13-9-S	94	100	28.27	3584.14	11906	59547	0.000000	0.00	0.000
13-10-S	94	100	28.27	3584.14	16278	59547	0.000000	0.00	0.000
13-11-S	94	100	28.27	3584.14	20572	59547	0.000000	0.00	0.000
13-12-S	94	100	28.27	3584.14	24756	59547	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
13-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
13-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-1-S	94	100	28.27	3599.39	2944	59955	0.000000	0.00	0.000
14-2-S	94	100	28.27	3599.39	6994	59955	0.000000	0.00	0.000
14-3-S	94	100	28.27	3599.39	-11001	59955	0.000000	0.00	0.000
14-4-S	94	100	28.27	3599.39	-17154	59955	0.000000	0.00	0.000
14-5-S	94	100	15.71	3918.52	-15980	-57926	0.000000	0.00	0.000
14-6-S	94	100	15.71	3918.52	-6861	-57926	0.000000	0.00	0.000
14-7-S	94	100	28.27	3599.39	659	59955	0.000000	0.00	0.000
14-8-S	94	100	28.27	3599.39	6457	59955	0.000000	0.00	0.000
14-9-S	94	100	28.27	3599.39	11778	59955	0.000000	0.00	0.000
14-10-S	94	100	28.27	3599.39	16580	59955	0.000000	0.00	0.000
14-11-S	94	100	28.27	3599.39	21198	59955	0.000000	0.00	0.000
14-12-S	94	100	28.27	3599.39	25663	59955	0.000000	0.00	0.000
14-13-S	94	100	15.71	3918.52	-75	-57926	0.000000	0.00	0.000
14-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
15-1-S	94	100	28.27	3584.14	-1230	59547	0.000000	0.00	0.000
15-2-S	94	100	28.27	3584.14	-2559	59547	0.000000	0.00	0.000
15-3-S	94	100	28.27	3584.14	-3716	59547	0.000000	0.00	0.000
15-4-S	94	100	28.27	3584.14	-3621	59547	0.000000	0.00	0.000
15-5-S	94	100	28.27	3584.14	-2561	59547	0.000000	0.00	0.000
15-6-S	94	100	28.27	3584.14	658	59547	0.000000	0.00	0.000
15-7-S	94	100	28.27	3584.14	3849	59547	0.000000	0.00	0.000
15-8-S	94	100	28.27	3584.14	8049	59547	0.000000	0.00	0.000
15-9-S	94	100	28.27	3584.14	12621	59547	0.000000	0.00	0.000
15-10-S	94	100	28.27	3584.14	17263	59547	0.000000	0.00	0.000
15-11-S	94	100	28.27	3584.14	21819	59547	0.000000	0.00	0.000
15-12-S	94	100	28.27	3584.14	26261	59547	0.000000	0.00	0.000
15-13-S	94	100	12.57	4001.87	-75	-57027	0.000000	0.00	0.000
15-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-1-S	94	100	31.42	3530.12	-1694	60423	0.000000	0.00	0.000
16-2-S	94	100	31.42	3530.12	-3659	60423	0.000000	0.00	0.000
16-3-S	94	100	31.42	3530.12	-7146	60423	0.000000	0.00	0.000
16-4-S	94	100	31.42	3530.12	-8585	60423	0.000000	0.00	0.000
16-5-S	94	100	0.00	0.00	-7316	0	0.000000	0.00	0.000
16-6-S	94	100	31.42	3530.12	-2751	60423	0.000000	0.00	0.000
16-7-S	94	100	31.42	3530.12	2524	60423	0.000000	0.00	0.000
16-8-S	94	100	31.42	3530.12	7666	60423	0.000000	0.00	0.000
16-9-S	94	100	31.42	3530.12	12894	60423	0.000000	0.00	0.000
16-10-S	94	100	31.42	3530.12	18023	60423	0.000000	0.00	0.000
16-11-S	94	100	31.42	3530.12	23095	60423	0.000000	0.00	0.000
16-12-S	94	100	31.42	3530.12	28112	60423	0.000000	0.00	0.000
16-13-S	94	100	12.57	4013.72	-75	-57382	0.000000	0.00	0.000
16-14-S	94	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-1-S	94	100	31.42	3530.12	2187	60423	0.000000	0.00	0.000
17-2-S	94	100	31.42	3530.12	5301	60423	0.000000	0.00	0.000
17-3-S	94	100	31.42	3530.12	-9569	60423	0.000000	0.00	0.000
17-4-S	94	100	31.42	3530.12	-14519	60423	0.000000	0.00	0.000
17-5-S	94	100	12.57	4013.72	-13674	-57382	0.000000	0.00	0.000
17-6-S	94	100	31.42	3530.12	-6025	60423	0.000000	0.00	0.000
17-7-S	94	100	31.42	3530.12	1326	60423	0.000000	0.00	0.000
17-8-S	94	100	31.42	3530.12	6935	60423	0.000000	0.00	0.000
17-9-S	94	100	31.42	3530.12	12841	60423	0.000000	0.00	0.000
17-10-S	94	100	31.42	3530.12	18313	60423	0.000000	0.00	0.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
17-11-S	94	100	31.42	3530.12	24019	60423	0.000000	0.00	0.000
17-12-S	94	100	31.42	3530.12	30099	60423	0.000000	0.00	0.000
17-13-S	94	100	12.57	4013.72	-76	-57382	0.000000	0.00	0.000
17-14-S	94	100	0.00	0.00	2	0	0.000000	0.00	0.000

Pali in c.a.

Apertura limite fessure w_{lim}=0.300 mm

Ip	Is	Af	Aeff	Mpf	M	N	ε	Sm	wm
		[cmq]	[cmq]	[kgm]	[kgm]	[kg]	[%]	[mm]	[mm]
1	1	106.03	4326.77	22234	-88588	-75811	0.0656	492.57	0.32
2	1	77.75	3147.34	33609	-88588	138444	0.0366	490.63	0.18

MURO DI SOSTEGNO - ALTEZZE H = 5.50 m e H = 4.60 m

Dati

Materiali

Simbologia adottata
n° Indice materiale
Descr Descrizione del materiale
Calcestruzzo armato
C Classe di resistenza del cls
A Classe di resistenza dell'acciaio
γ Peso specifico, espresso in [kg/mc]
R_{ck} Resistenza caratteristica a compressione, espressa in [kg/cmq]
E Modulo elastico, espresso in [kg/cmq]
ν Coeff. di Poisson
n Coeff. di omogenizzazione acciaio/cls
ntc Coeff. di omogenizzazione cls teso/compresso

Calcestruzzo armato

n°	Descr	C	A	γ	R_{ck}	E	ν	n	ntc
				[kg/mc]	*[kg/cmq]*	*[kg/cmq]*			
4	C32/40	C32/40	B450C	2500.00	407.88	343054	0.30	15.00	0.50

Acciai

Descr	f_{yk}	f_{uk}
	[kg/cmq]	*[kg/cmq]*
B450C	4588.00	5506.00

Tipologie pali

Simbologia adottata
n° Indice tipologia palo
Descr Descrizione tipologia palo
P Contributo portanza palo (laterale e/o punta)
T Tecnologia costruttiva (trivellato, infisso o elica continua)
V Vincolo palo-fondazione: Cerniera o Incastro (libero o impedito di ruotare in testa)
Imat Indice materiale che lo costituisce
BDusa metodo di Bustamante-Doix

PNPortanza nota

Pp, Pl Portanza di punta e laterale caratteristica, espressa in [kg]

n°	Descr	P	T	V	Imat	BD	PN	Pp	Pl
1	Tipologia palo	Laterale + Punta	Trivellato	Trivellato	4	NO	NO	--	--

Geometria profilo terreno a monte del muro

Simbologia adottata

(Sistema di riferimento con origine in testa al muro, ascissa X positiva verso monte, ordinata Y positiva verso l'alto)

n° numero ordine del punto
X ascissa del punto espressa in [m]
Y ordinata del punto espressa in [m]
A inclinazione del tratto espressa in [°]

n°	X	Y	A
	[m]	*[m]*	*[°]*
1	0.00	0.00	0.000
2	20.00	0.05	0.143
3	35.00	0.05	0.000

Inclinazione terreno a valle del muro rispetto all'orizzontale 0.000 [°]

Geometria muro

Geometria paramento e fondazione

Paramento

Materiale	C32/40	
Altezza paramento	5.50	[m]
Altezza paramento libero	5.50	[m]
Spessore in sommità	0.40	[m]
Spessore all'attacco con la fondazione	0.74	[m]
Inclinazione paramento esterno	3.50	[°]
Inclinazione paramento interno	0.00	[°]

Fondazione

Materiale	C32/40	
Lunghezza mensola di valle	2.80	[m]
Lunghezza mensola di monte	0.10	[m]
Lunghezza totale	3.64	[m]
Inclinazione piano di posa	0.00	[°]
Spessore	1.00	[m]
Spessore magrone	0.10	[m]

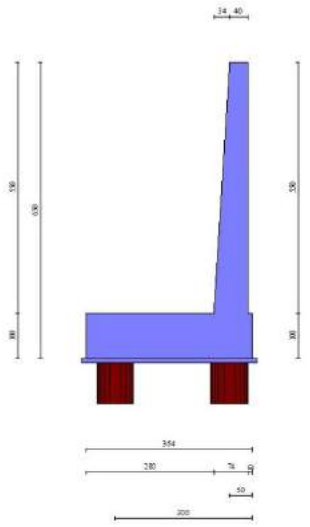

Fig. 1 - Sezione quotata del muro

Descrizione pali di fondazione

Simbologia adottata

n° numero d'ordine della fila
X ascissa della fila misurata dallo spigolo di monte della fondazione espressa in [m]
I interasse tra i pali, espressa in [m]
f franco laterale (distanza minima dal bordo laterale), espressa in [m]
Np Numero di pali della fila
D diametro dei pali della fila espresso in [cm]
L lunghezza dei pali della fila espressa in [m]
α inclinazione dei pali della fila rispetto alla verticale espressa in [°]
ALL allineamento dei pali della fila rispetto al baricentro della fondazione (CENTRATI o SFALSATI)

n°	Tipologia	X	I	f	Np	D	L	α	ALL
		[m]	*[m]*	*[m]*		*[cm]*	*[m]*	*[°]*	
1	Tipologia palo	0.50	2.40	0.30	9	80.00	17.00	0.00	Centrati
2	Tipologia palo	3.00	2.40	0.30	9	80.00	17.00	0.00	Centrati

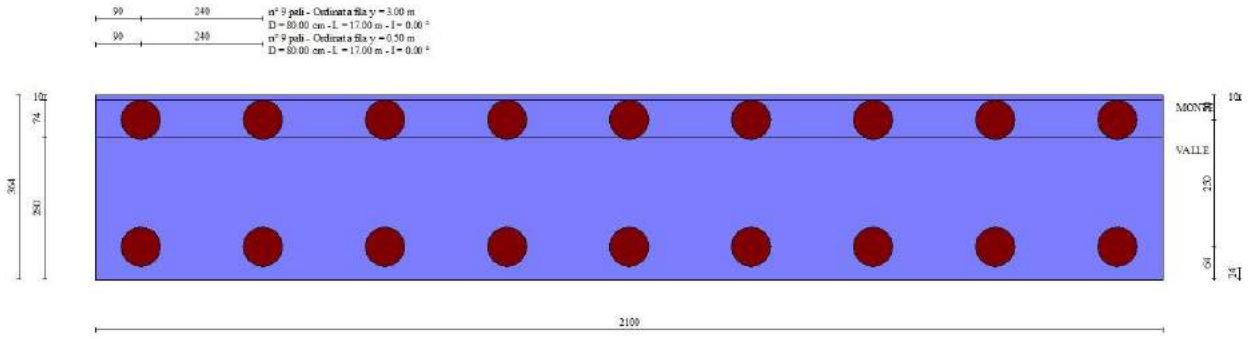

Fig. 2 - Pianta pali

Descrizione terreni

Parametri di resistenza

Simbologia adottata

n° Indice del terreno

Descr Descrizione terreno

γ Peso di volume del terreno espresso in [kg/mc]

γ_s Peso di volume saturo del terreno espresso in [kg/mc]

ϕ Angolo d'attrito interno espresso in [°]

δ Angolo d'attrito terra-muro espresso in [°]

c Coesione espressa in [kg/cmq]

c_a Adesione terra-muro espressa in [kg/cmq]

Per calcolo portanza con il metodo di Bustamante-Doix

Cesp Coeff. di espansione laterale (solo per il metodo di Bustamante-Doix)

τl Tensione tangenziale limite, espressa in [kg/cmq]

n°	Descr	γ	γ_{sat}	ϕ	δ	c	ca	Cesp	τl	
		[kg/mc]	[kg/mc]	[°]	[°]	[kg/cmq]	[kg/cmq]		[kg/cmq]	
1	Terreno 1	1800.00	2000.00	20.100	13.400	0.19	0.09	1.800	0.00	(CAR)
				20.100	13.400	0.19	0.09		0.00	(MIN)
				20.100	13.400	0.19	0.09		0.00	(MED)
2	Terreno 2	1800.00	2000.00	20.100	13.400	0.19	0.09	1.000	0.00	(CAR)
				20.100	13.400	0.19	0.09		0.00	(MIN)
				20.100	13.400	0.19	0.09		0.00	(MED)
3	Terreno 3	2226.00	2300.00	21.200	14.133	0.11	0.06	1.000	0.00	(CAR)
				21.200	14.133	0.11	0.06		0.00	(MIN)
				21.200	14.133	0.11	0.06		0.00	(MED)

Stratigrafia

Simbologia adottata

n° Indice dello strato

H Spessore dello strato espresso in [m]

α Inclinazione espressa in [°]

Terreno Terreno dello strato

Kwn, Kwt Costante di Winkler normale e tangenziale alla superficie espressa in $Kg/cm^2/cm$

Per calcolo pali (solo se presenti)

Kw Costante di Winkler orizzontale espressa in $Kg/cm^2/cm$

Ks Coefficiente di spinta

Cesp Coefficiente di espansione laterale (per tutti i metodi tranne il metodo di Bustamante-Doix)

Per calcolo della spinta con coeff. di spinta definiti (usati solo se attiva l'opzione 'Usa coeff. di spinta da strato')

Kst_{sta}, Kst_{sis} Coeff. di spinta statico e sismico

n°	H	α	Terreno	Kwn	Kwt	Kw	Ks	Cesp	Kst_{sta}	Kst_{sis}
	[m]	*[°]*		*[Kg/cm³]*	*[Kg/cm³]*	*[Kg/cm³]*				
1	7.30	0.000	Terreno 1	0.000	0.000	0.000	0.000	1.000	0.000	0.000
2	5.00	0.000	Terreno 2	0.000	0.000	0.000	0.000	1.000	0.000	0.000
3	20.00	0.000	Terreno 3	0.000	0.000	2.500	0.500	1.000	0.000	0.000

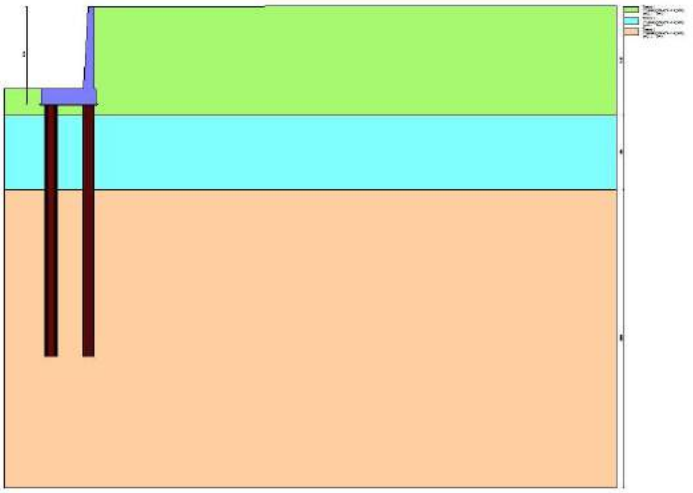

Fig. 3 - Stratigrafia

Condizioni di carico

Simbologia adottata

Carichi verticali positivi verso il basso.

Carichi orizzontali positivi verso sinistra.

Momento positivo senso antiorario.

X Ascissa del punto di applicazione del carico concentrato espressa in [m]

F_x Componente orizzontale del carico concentrato espressa in [kg]

F_y Componente verticale del carico concentrato espressa in [kg]

M Momento espresso in [kgm]

X_i Ascissa del punto iniziale del carico ripartito espressa in [m]

X_f Ascissa del punto finale del carico ripartito espressa in [m]

Q_i Intensità del carico per $x=X_i$ espressa in [kg]

Q_f Intensità del carico per $x=X_f$ espressa in [kg]

Condizione n° 1 (Condizione 1 strada) - VARIABILE TF

Coeff. di combinazione $\Psi_0=0.80$ - $\Psi_1=0.50$ - $\Psi_2=0.20$

Carichi sul terreno

n°	Tipo	X	Fx	Fy	M	Xi	Xf	Qi	Qf
		[m]	[kg]	[kg]	[kgm]	[m]	[m]	[kg]	[kg]
1	Distribuito					0.05	4.35	2500.00	2500.00

Normativa

Normativa usata: **Norme Tecniche sulle Costruzioni 2018 (D.M. 17.01.2018)**

Coeff. parziali per le azioni o per l'effetto delle azioni

Carichi	Effetto		Combinazioni statiche					Combinazioni sismiche		
			HYD	UPL	EQU	A1	A2	EQU	A1	A2
Permanenti strutturali	Favorevoli	$\gamma_{G1,fav}$	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00
Permanenti strutturali	Sfavorevoli	$\gamma_{G1,sfav}$	1.00	1.10	1.30	1.30	1.00	1.00	1.00	1.00
Permanenti non strutturali	Favorevoli	$\gamma_{G2,fav}$	0.00	0.80	0.80	0.80	0.80	0.00	0.00	0.00
Permanenti non strutturali	Sfavorevoli	$\gamma_{G2,sfav}$	1.00	1.50	1.50	1.50	1.30	1.00	1.00	1.00
Variabili	Favorevoli	$\gamma_{Q,fav}$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Variabili	Sfavorevoli	$\gamma_{Q,sfav}$	1.00	1.50	1.50	1.50	1.30	1.00	1.00	1.00
Variabili da traffico	Favorevoli	$\gamma_{QT,fav}$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Variabili da traffico	Sfavorevoli	$\gamma_{QT,sfav}$	1.00	1.50	1.45	1.45	1.25	1.00	1.00	1.00

Coeff. parziali per i parametri geotecnici del terreno

Parametro		Combinazioni statiche		Combinazioni sismiche	
		M1	M2	M1	M2
Tangente dell'angolo di attrito	$\gamma_{\tan(\phi')}$	1.00	1.25	1.00	1.00
Coesione efficace	$\gamma_{c'}$	1.00	1.25	1.00	1.00
Resistenza non drenata	γ_{cu}	1.00	1.40	1.00	1.00
Peso nell'unita di volume	γ_{γ}	1.00	1.00	1.00	1.00

Coeff. parziali γ_R per le verifiche agli stati limite ultimi STR e GEO

Verifica	Combinazioni statiche			Combinazioni sismiche		
	R1	R2	R3	R1	R2	R3
Capacità portante	--	--	1.40	--	--	1.20
Scorrimento	--	--	1.10	--	--	1.00
Resistenza terreno a valle	--	--	1.40	--	--	1.20
Ribaltameno	--	--	1.15	--	--	1.00
Stabilità fronte di scavo	--	1.10	--	--	1.20	--

Carichi verticali. Coeff. parziali γ_R da applicare alle resistenze caratteristiche

Resistenza		Pali infissi			Pali trivellati			Pali ad elica continua		
		R1	R2	R3	R1	R2	R3	R1	R2	R3
Punta	γ_b	--	--	1.15	--	--	1.35	--	--	1.30
Laterale compressione	γ_s	--	--	1.15	--	--	1.15	--	--	1.15
Totale compressione	γ_t	--	--	1.15	--	--	1.30	--	--	1.25
Laterale trazione	γ_{st}	--	--	1.25	--	--	1.25	--	--	1.25

Carichi trasversali. Coeff. parziali γ_R da applicare alle resistenze caratteristiche

		R1	R2	R3
Trasversale	γ_t	--	--	1.30

Coefficienti di riduzione ζ per la determinazione della resistenza caratteristica dei pali

Numero di verticali indagate 3

ζ_3=1.60 ζ_4=1.48

Descrizione combinazioni di carico

Con riferimento alle azioni elementari prima determinate, si sono considerate le seguenti combinazioni di carico:
- Combinazione fondamentale, impiegata per gli stati limite ultimi (SLU):

$$\gamma_{G1} G_1 + \gamma_{G2} G_2 + \gamma_{Q1} Q_{k1} + \gamma_{Q2} Q_{k2} + \gamma_{Q3} Q_{k3} + ...$$

- Combinazione caratteristica, cosiddetta rara, impiegata per gli stati limite di esercizio (SLE) irreversibili:

$$G_1 + G_2 + Q_{k1} + \Psi_{0,2} Q_{k2} + \Psi_{0,3} Q_{k3} + ...$$

- Combinazione frequente, impiegata per gli stati limite di esercizio (SLE) reversibili:

$$G_1 + G_2 + \Psi_{1,1} Q_{k1} + \Psi_{2,2} Q_{k2} + \Psi_{2,3} Q_{k3} + ...$$

- Combinazione quasi permanente, impiegata per gli effetti di lungo periodo:

$$G_1 + G_2 + \Psi_{2,1} Q_{k1} + \Psi_{2,2} Q_{k2} + \Psi_{2,3} Q_{k3} + ...$$

- Combinazione sismica, impiegata per gli stati limite ultimi connessi all'azione sismica E:

$$E + G_1 + G_2 + \Psi_{2,1} Q_{k1} + \Psi_{2,2} Q_{k2} + \Psi_{2,3} Q_{k3} + ...$$

I valori dei coeff. $\Psi_{0,j}$, $\Psi_{1,j}$, $\Psi_{2,j}$ sono definiti nelle singole condizioni variabili.par I valori dei coeff. γ_G e γ_Q, sono definiti nella tabella normativa.

In particolare si sono considerate le seguenti combinazioni:

Simbologia adottata

γ Coefficiente di partecipazione della condizione

Ψ Coefficiente di combinazione della condizione

Combinazione n° 1 - STR (A1-M1-R3)

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.30	--	Sfavorevole
Condizione 1 strada	1.45	1.00	Sfavorevole

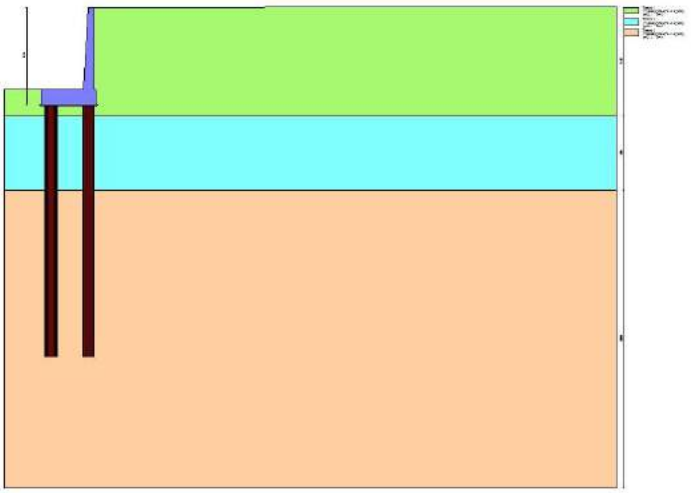

Fig. 4 -

Combinazione n° 2 - STR (A1-M1-R3) H + V

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

Fig. 5 - (Inviluppo)

Combinazione n° 3 - STR (A1-M1-R3) H - V

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole

Condizione	γ	Ψ	Effetto
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

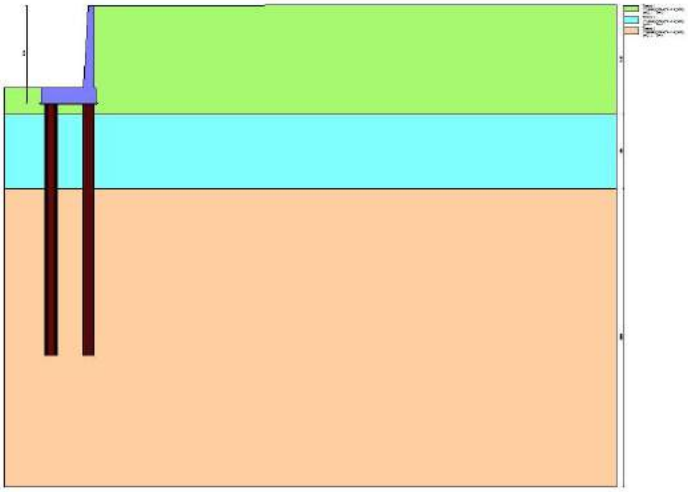

Fig. 6 - (Inviluppo)

Combinazione n° 4 - STR (A1-M1-R3)

Condizione	γ	Ψ	Effetto
Peso muro	1.30	--	Sfavorevole
Peso terrapieno	1.30	--	Sfavorevole
Spinta terreno	1.30	--	Sfavorevole
Condizione 1 strada	1.45	1.00	Sfavorevole

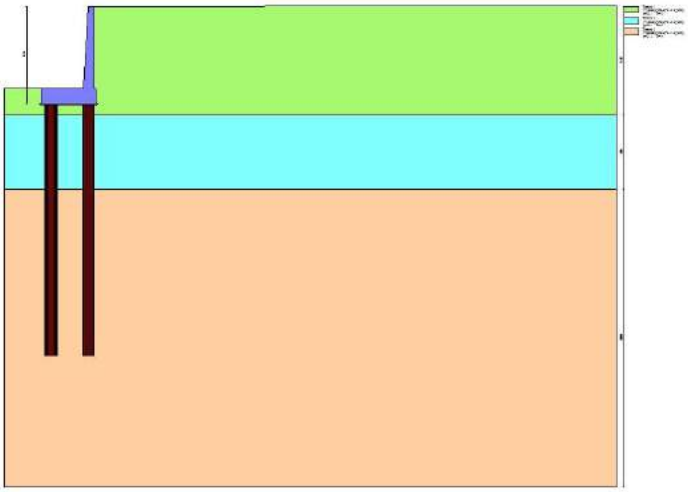

Fig. 7 - (Inviluppo)

Combinazione n° 5 - STR (A1-M1-R3)

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.30	--	Sfavorevole
Spinta terreno	1.30	--	Sfavorevole
Condizione 1 strada	1.45	1.00	Sfavorevole

Fig. 8 - (Inviluppo)

Combinazione n° 6 - STR (A1-M1-R3)

Condizione	γ	Ψ	Effetto
Peso muro	1.30	--	Sfavorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.30	--	Sfavorevole
Condizione 1 strada	1.45	1.00	Sfavorevole

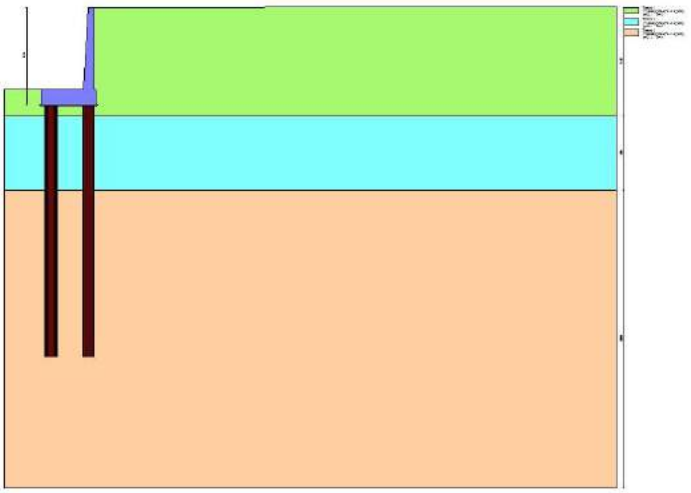

Fig. 9 - (Inviluppo)

Combinazione n° 7 - GEO (A2-M2-R2)

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.25	1.00	Sfavorevole

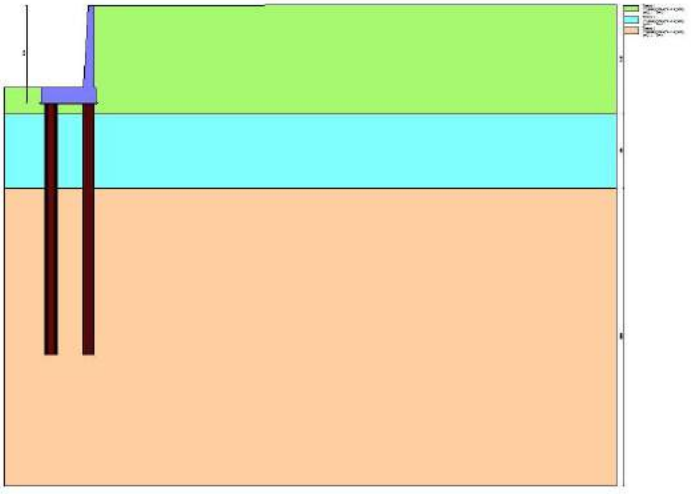

Fig. 10 - (Inviluppo)

Combinazione n° 8 - GEO (A2-M2-R2) H + V

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole

Condizione	γ	Ψ	Effetto
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

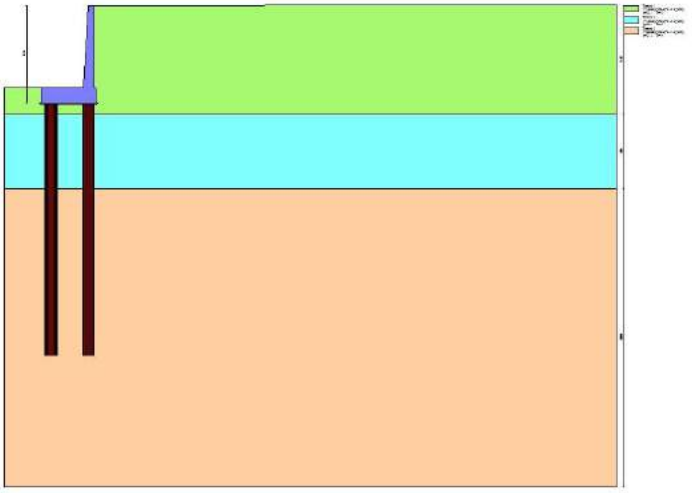

Fig. 11 - (Inviluppo)

Combinazione n° 9 - GEO (A2-M2-R2) H - V

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

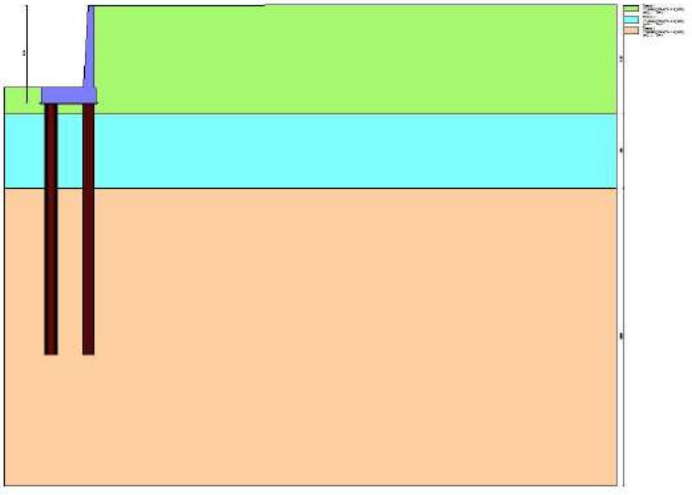

Fig. 12 - (Inviluppo)

Combinazione n° 10 - EQU (A1-M1-R3)

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.30	--	Sfavorevole
Condizione 1 strada	1.45	1.00	Sfavorevole

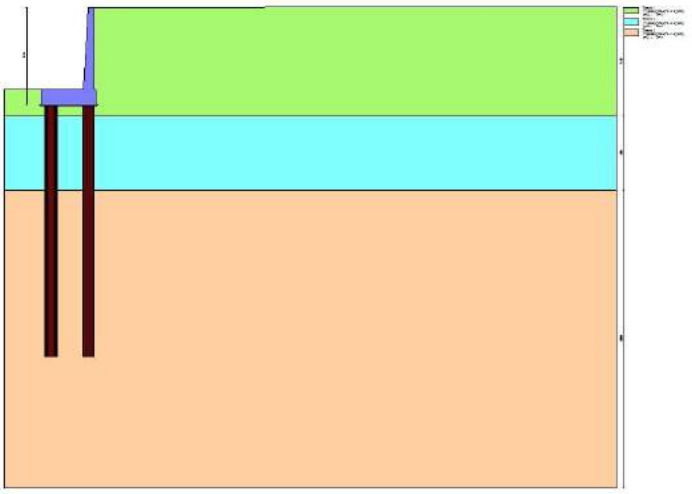

Fig. 13 - (Inviluppo)

Combinazione n° 11 - EQU (A1-M1-R3) H + V

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

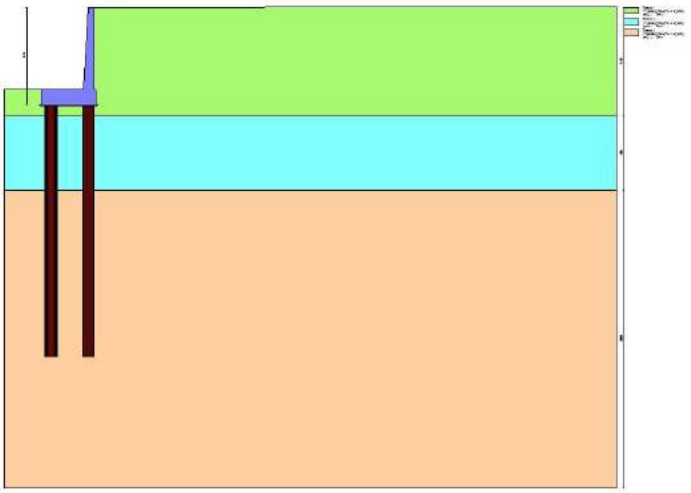

Fig. 14 - (Inviluppo)

Combinazione n° 12 - EQU (A1-M1-R3) H - V

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

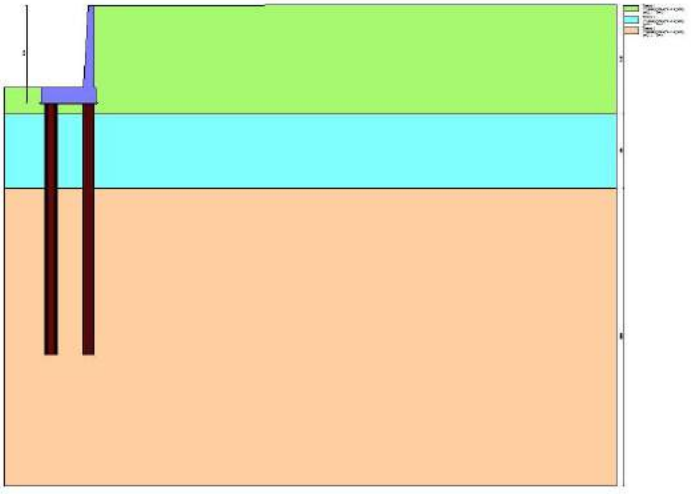

Fig. 15 - (Inviluppo)

Combinazione n° 13 - SLER

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole

Condizione	γ	Ψ	Effetto
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	1.00	Sfavorevole

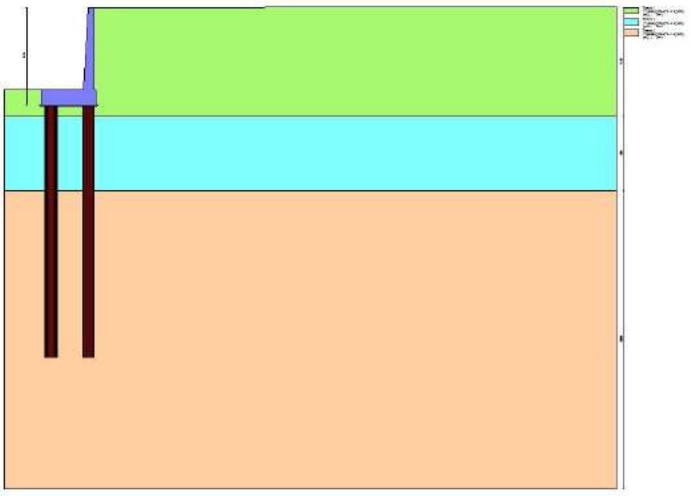

Fig. 16 - (Inviluppo)

Combinazione n° 14 - SLEF

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.50	Sfavorevole

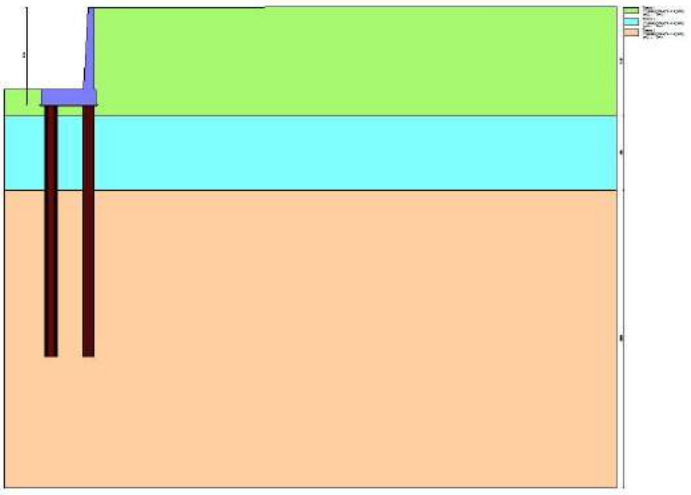

Fig. 17 - (Inviluppo)

Combinazione n° 15 - SLEQ

Condizione	γ	Ψ	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole
Condizione 1 strada	1.00	0.20	Sfavorevole

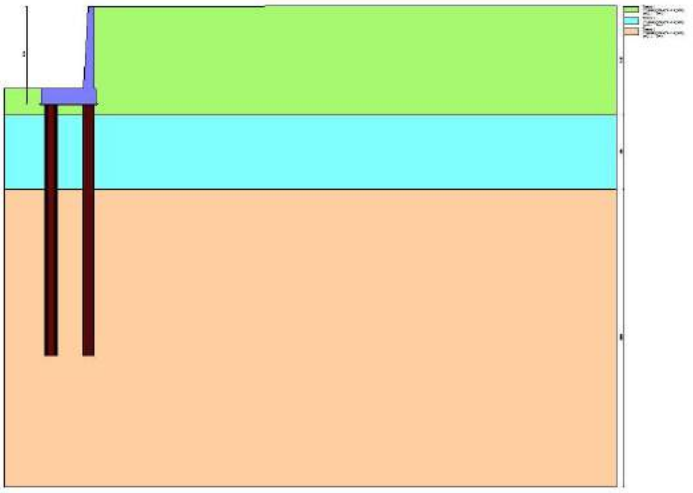

Fig. 18 - (Inviluppo)

Dati sismici

Comune	Acerenza
Provincia	Potenza
Regione	Basilicata
Latitudine	40.793128
Longitudine	15.937513
Indice punti di interpolazione	33226 - 33448 - 33449 - 33227
Vita nominale	50 anni
Classe d'uso	III
Tipo costruzione	Normali affollamenti
Vita di riferimento	50 anni

	Simbolo	U.M.		SLU	SLE
Accelerazione al suolo	a_g	[m/s^2]		2.874	1.982
Accelerazione al suolo	a_g/g	[%]		0.293	0.202
Massimo fattore amplificazione spettro orizzontale	F0			2.615	2.478
Periodo inizio tratto spettro a velocità costante	Tc*			0.441	0.322
Tipo di sottosuolo - Coefficiente stratigrafico	Ss		A	1.000	1.000
Categoria topografica - Coefficiente amplificazione topografica	St		T1	1.000	
Coeff. di riduzione	β_m			1.000	1.000
Coeff. di riduzione verifica a ribaltamento	β_m			0.000	0.000
Coeff. di intensità sismica orizzontale	k_h	[%]		29.300	20.200
Coeff. di intensità sismica verticale	k_v=0.50 k_h	[%]		14.650	10.100

Forma diagramma incremento sismico **Stessa forma del diagramma statico**

Opzioni di calcolo

Spinta

Metodo di calcolo della spinta — Culmann
Tipo di spinta — Spinta attiva
Terreno a bassa permeabilità — NO
Superficie di spinta limitata — NO

Stabilità globale

Metodo di calcolo della stabilità globale — Bishop

Altro

Partecipazione spinta passiva terreno antistante — 0.00
Partecipazione resistenza passiva dente di fondazione — 50.00
Componente verticale della spinta nel calcolo delle sollecitazioni — NO
Considera terreno sulla fondazione di valle — NO
Considera spinta e peso acqua fondazione di valle — NO

Spostamenti

Modello a blocchi
Non è stato richiesto il calcolo degli spostamenti
Spostamento limite — 10.00 [cm]

Opzioni calcolo pali

Portanza verticale

Metodo di calcolo della portanza alla punta — Berezantzev
Metodo di calcolo della portanza alla laterale — Integrazione delle tensioni tangenziali (ks σ_v tan(δ)+ca)
Correzione angolo di attrito in funzione del tipo di palo (infisso/trivellato) — Attiva
Andamento pressione verticale nel calcolo della portanza alla punta σ_v con la profondità — Pressione geostatica
Andamento pressione verticale nel calcolo della portanza laterale — Pressione geostatica

Portanza trasversale

Criterio rottura palo-terreno
- Spostamento limite — Non attivo
- Pressione limite — Pressione passiva con moltiplicatore M=3.00
- Palo infinitamente elastico — Non attivo

Cedimenti

Metodo di calcolo — Metodo agli elementi finiti
Spostamento limite alla punta — 1.00 [cm]
Spostamento limite laterale — 1.00 [cm]

Specifiche per le verifiche nelle combinazioni allo Stato Limite Ultimo (SLU)

	SLU	Eccezionale
Coefficiente di sicurezza calcestruzzo a compressione	1.50	1.00
Coefficiente di sicurezza acciaio	1.15	1.00
Fattore di riduzione da resistenza cubica a cilindrica	0.83	0.83
Fattore di riduzione per carichi di lungo periodo	0.85	0.85
Coefficiente di sicurezza per la sezione	1.00	1.00

Specifiche per le verifiche nelle combinazioni allo Stato Limite di Esercizio (SLE)

Paramento e fondazione muro

Condizioni ambientali Ordinarie

Armatura ad aderenza migliorata SI

Verifica a fessurazione

Sensibilità armatura Poco sensibile

Metodo di calcolo aperture delle fessure Circ. Min. 252 (15/10/96) - NTC 2008 I Formulazione

Valori limite aperture delle fessure:

w_1=0.20

w_2=0.30

w_3=0.40

Verifica delle tensioni

Valori limite delle tensioni nei materiali:

Combinazione	Calcestruzzo	Acciaio
Rara	0.60 f_{ck}	0.80 f_{yk}
Frequente	1.00 f_{ck}	1.00 f_{yk}
Quasi permanente	0.45 f_{ck}	1.00 f_{yk}

Risultati per combinazione

Spinta e forze

Simbologia adottata

Ic Indice della combinazione

A Tipo azione

I Inclinazione della spinta, espressa in [°]

V Valore dell'azione, espressa in [kg]

C_X, C_Y Componente in direzione X ed Y dell'azione, espressa in [kg]

P_X, P_Y Coordinata X ed Y del punto di applicazione dell'azione, espressa in [m]

Ic	A	V	I	C_X	C_Y	P_X	P_Y
		[kg]	[°]	[kg]	[kg]	[m]	[m]
1	Spinta statica	16443	13.40	15995	3811	0.10	-4.55
	Peso/Inerzia muro			0	16904/0	-1.06	-4.62
	Peso/Inerzia terrapieno			0	1171/0	0.05	-2.75
2	Spinta statica	5484	13.40	5335	1271	0.10	-5.22
	Incremento di spinta sismica		10262	9983	2378	0.10	-4.33
	Peso/Inerzia muro			4953	16904/2476	-1.06	-4.62
	Peso/Inerzia terrapieno			297	1015/149	0.05	-2.75
3	Spinta statica	5484	13.40	5335	1271	0.10	-5.22
	Incremento di spinta sismica		5747	5591	1332	0.10	-4.33
	Peso/Inerzia muro			4953	16904/-2476	-1.06	-4.62
	Peso/Inerzia terrapieno			297	1015/-149	0.05	-2.75
4	Spinta statica	16443	13.40	15995	3811	0.10	-4.55
	Peso/Inerzia muro			0	21975/0	-1.06	-4.62
	Peso/Inerzia terrapieno			0	1468/0	0.05	-2.75
5	Spinta statica	16443	13.40	15995	3811	0.10	-4.55
	Peso/Inerzia muro			0	16904/0	-1.06	-4.62
	Peso/Inerzia terrapieno			0	1468/0	0.05	-2.75
6	Spinta statica	16443	13.40	15995	3811	0.10	-4.55
	Peso/Inerzia muro			0	21975/0	-1.06	-4.62
	Peso/Inerzia terrapieno			0	1171/0	0.05	-2.75
13	Spinta statica	9170	13.40	8921	2125	0.10	-4.84
	Peso/Inerzia muro			0	16904/0	-1.06	-4.62
	Peso/Inerzia terrapieno			0	1115/0	0.05	-2.75
14	Spinta statica	6753	13.40	6569	1565	0.10	-5.08
	Peso/Inerzia muro			0	16904/0	-1.06	-4.62
	Peso/Inerzia terrapieno			0	1053/0	0.05	-2.75
15	Spinta statica	5484	13.40	5335	1271	0.10	-5.22
	Peso/Inerzia muro			0	16904/0	-1.06	-4.62
	Peso/Inerzia terrapieno			0	1015/0	0.05	-2.75

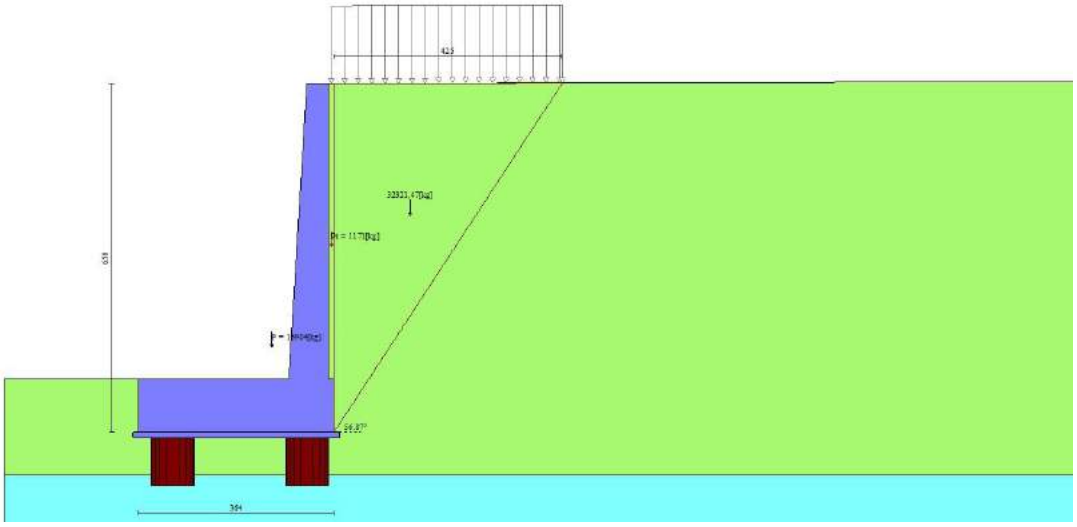

Fig. 19 - Cuneo di spinta (combinazione statica) (Combinazione n° 1)

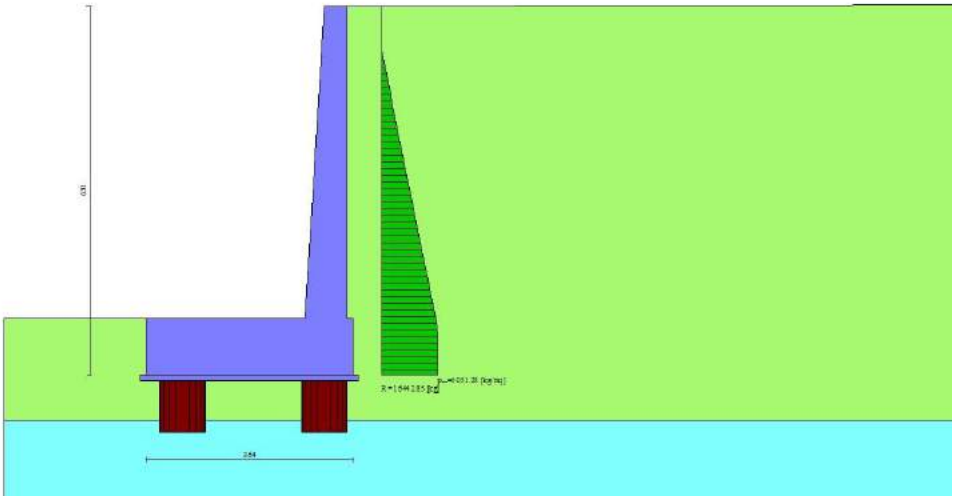

Fig. 20 - Diagramma delle pressioni (combinazione statica) (Combinazione n° 1)

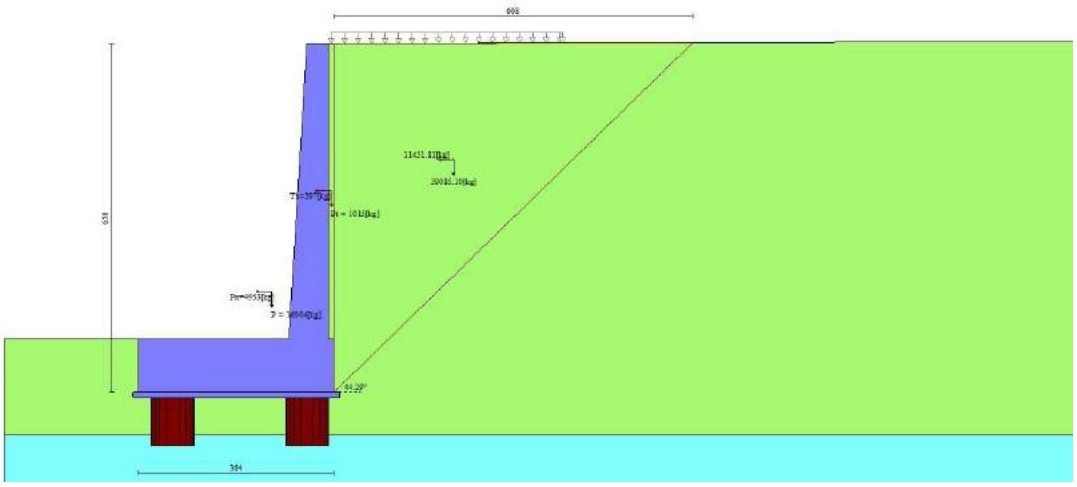

Fig. 21 - Cuneo di spinta (combinazione sismica) (Combinazione n° 2)

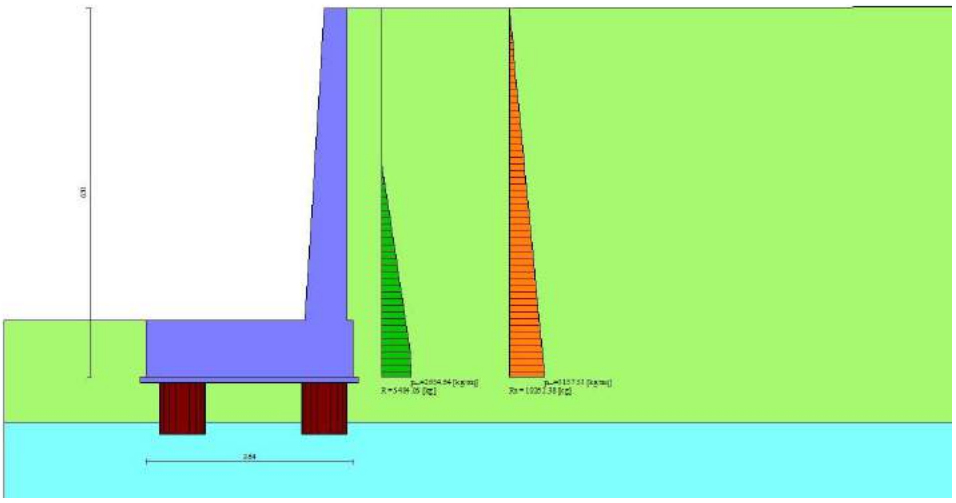

Fig. 22 - Diagramma delle pressioni (combinazione sismica) (Combinazione n° 2)

Scarichi in testa ai pali

Simbologia adottata

Cmb Indice/Tipo combinazione

Ip Indice palo

N Sforzo normale, espresso in [kg]

M Momento, espresso in [kgm]

T Taglio, espresso in [kg]

Cmb	Ip	N	M	T
		[kg]	*[kgm]*	*[kg]*

Cmb	Ip	N	M	T
		[kg]	[kgm]	[kg]
1 - STR (A1-M1-R3)	1	-43955	-72268	-18661
	2	95021	-72268	-18661
2 - STR (A1-M1-R3) H + V	1	-63486	-92435	-23996
	2	119936	-92435	-23996
3 - STR (A1-M1-R3) H - V	1	-51095	-72727	-18871
	2	92853	-72727	-18871
4 - STR (A1-M1-R3)	1	-34892	-72852	-18661
	2	98484	-72852	-18661
5 - STR (A1-M1-R3)	1	-43205	-72352	-18661
	2	94964	-72352	-18661
6 - STR (A1-M1-R3)	1	-35643	-72768	-18661
	2	98542	-72768	-18661
13 - SLER	1	-9028	-41605	-10408
	2	56031	-41605	-10408
14 - SLEF	1	2487	-31404	-7664
	2	43062	-31404	-7664
15 - SLEQ	1	8251	-25990	-6224
	2	36525	-25990	-6224

Verifiche geotecniche

Quadro riassuntivo coeff. di sicurezza calcolati

Simbologia adottata

Cmb Indice/Tipo combinazione

S Sisma (H: componente orizzontale, V: componente verticale)

FS_{SCO} Coeff. di sicurezza allo scorrimento

FS_{RIB} Coeff. di sicurezza al ribaltamento

FS_{QLIM} Coeff. di sicurezza a carico limite

FS_{STAB} Coeff. di sicurezza a stabilità globale

FS_{HYD} Coeff. di sicurezza a sifonamento

FS_{UPL} Coeff. di sicurezza a sollevamento

Cmb	Sismica	FS_{SCO}	FS_{RIB}	FS_{QLIM}	FS_{STAB}	FS_{HYD}	FS_{UPL}
1 - STR (A1-M1-R3)		1.296					
2 - STR (A1-M1-R3)	H + V	1.013					
3 - STR (A1-M1-R3)	H - V	1.288					
4 - STR (A1-M1-R3)		1.285					
5 - STR (A1-M1-R3)		1.294					
6 - STR (A1-M1-R3)		1.287					
7 - GEO (A2-M2-R2)					4.011		
8 - GEO (A2-M2-R2)	H + V				2.226		
9 - GEO (A2-M2-R2)	H - V				1.906		
10 - EQU (A1-M1-R3)			7.647				
11 - EQU (A1-M1-R3)	H + V		6.275				
12 - EQU (A1-M1-R3)	H - V		6.480				

Verifiche portanza trasversale (scorrimento)

Simbologia adottata

Ic Indice/Tipo combinazione

Ip Indice palo
T Carico orizzontale agente alla testa del palo, espresso in [kg]
Td Portanza trasversale di progetto, espresso in [kg]
FS_O Fattore di sicurezza (Td/T)

Ic	Ip	T	Td	FS_O
		[kg]	*[kg]*	
1 - STR (A1-M1-R3)	1	-18661	23894	1.280
	2	-18661	23894	1.280
2 - STR (A1-M1-R3) H + V	1	-23996	24022	1.001
	2	-23996	24022	1.001
3 - STR (A1-M1-R3) H - V	1	-18871	24011	1.272
	2	-18871	24011	1.272
4 - STR (A1-M1-R3)	1	-18661	23703	1.270
	2	-18661	23703	1.270
5 - STR (A1-M1-R3)	1	-18661	23867	1.279
	2	-18661	23867	1.279
6 - STR (A1-M1-R3)	1	-18661	23730	1.272
	2	-18661	23730	1.272

Verifiche portanza verticale

Simbologia adottata

Ic Indice/Tipo combinazione
Ip Indice palo
N Carico verticale agente alla testa del palo, espresso in [kg]
Pd Portanza di progetto, espresso in [kg]
FS_V Fattore di sicurezza (Pd/N)

Ic	Ip	N	Pd	FS_V
		[kg]	*[kg]*	
1 - STR (A1-M1-R3)	1	-43955	76824	1.748
	2	95021	156550	1.648
2 - STR (A1-M1-R3) H + V	1	-63486	76824	1.210
	2	119936	156550	1.305
3 - STR (A1-M1-R3) H - V	1	-51095	76824	1.504
	2	92853	156550	1.686
4 - STR (A1-M1-R3)	1	-34892	76824	2.202
	2	98484	156550	1.590
5 - STR (A1-M1-R3)	1	-43205	76824	1.778
	2	94964	156550	1.649
6 - STR (A1-M1-R3)	1	-35643	76824	2.155
	2	98542	156550	1.589

Dettagli calcolo portanza verticale

Simbologia adottata

n° Indice palo
Nc, Nq Coeff. di capacità portante
N'c, N'q Coeff. di capacità portante corretti
Zc Massima profondità andamento pressione geostatica, espressa in [m]
Pp, Pl Portanza di punta e laterale caratteristica, espresse in [kg]
A Attrito negativo, espresso in [kg]

Wp Peso palo, espresso in [kg]

n°	Nc	N'c	Nq	N'q	Zc	Pp	Pl	A	Wp
					[m]	[kg]	[kg]	[kg]	[kg]
1	36.815	36.815	13.104	13.104	--	0 0	110923 110923	0	21363
2	36.815	36.815	13.104	13.104	--	254078 254078	110923 110923	0	21363

Verifica a ribaltamento

Simbologia adottata

n° Indice combinazione
Ms Momento stabilizzante, espresso in [kgm]
Mr Momento ribaltante, espresso in [kgm]
FS Fattore di sicurezza (rapporto tra momento stabilizzante e momento ribaltante)
La verifica viene eseguita rispetto allo spigolo inferiore esterno della fondazione

n°	Ms	Mr	FS
	[kgm]	[kgm]	
10 - EQU (A1-M1-R3)	238226	31154	7.647
11 - EQU (A1-M1-R3) H + V	243747	38846	6.275
12 - EQU (A1-M1-R3) H - V	233274	35997	6.480

Verifica stabilità globale muro + terreno

Simbologia adottata

Ic Indice/Tipo combinazione
C Centro superficie di scorrimento, espresso in [m]
R Raggio, espresso in [m]
FS Fattore di sicurezza

Ic	C	R	FS
	[m]	[m]	
7 - GEO (A2-M2-R2)	-3.73; 2.13	9.46	4.011
8 - GEO (A2-M2-R2) H + V	-2.67; 4.80	19.93	2.226
9 - GEO (A2-M2-R2) H - V	-2.67; 4.80	28.39	1.906

Dettagli strisce verifiche stabilità

Simbologia adottata

Le ascisse X sono considerate positive verso monte
Le ordinate Y sono considerate positive verso l'alto
Origine in testa al muro (spigolo contro terra)
W peso della striscia espresso in [kg]
Qy carico sulla striscia espresso in [kg]
α angolo fra la base della striscia e l'orizzontale espresso in [°] (positivo antiorario)
ϕ angolo d'attrito del terreno lungo la base della striscia
c coesione del terreno lungo la base della striscia espressa in [kg/cmq]
b larghezza della striscia espressa in [m]
u pressione neutra lungo la base della striscia espressa in [kg/cmq]
Tx; Ty Resistenza al taglio fornita dai tiranti in direzione X ed Y espressa in [kg/cmq]

Combinazione n° 7 - GEO (A2-M2-R2)

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]
1	932	0	5.49 - 0.59	71.279	16.318	0.15	0.000	

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]
2	2459	149	0.59	62.019	16.318	0.15	0.000	
3	3505	1852	0.59	55.053	16.318	0.15	0.000	
4	4322	1852	0.59	49.169	16.318	0.15	0.000	
5	4991	1852	0.59	43.928	16.318	0.15	0.000	
6	5551	1852	0.59	39.119	16.318	0.15	0.000	
7	6025	1852	0.59	34.621	16.318	0.15	0.000	
8	6427	1852	0.59	30.357	16.318	0.15	0.000	
9	6767	1852	0.59	26.273	16.318	0.15	0.000	
10	9090	322	0.59	22.328	16.318	0.15	0.000	
11	3631	0	0.59	18.493	16.318	0.15	0.000	
12	2023	0	0.59	14.742	16.318	0.15	0.000	
13	2168	0	0.59	11.055	16.318	0.15	0.000	
14	2271	0	0.59	7.414	16.318	0.15	0.000	
15	2333	0	0.59	3.803	16.318	0.15	0.000	
16	2033	0	0.59	0.208	16.318	0.15	0.000	
17	1923	0	0.59	-3.387	16.318	0.15	0.000	
18	1865	0	0.59	-6.996	16.318	0.15	0.000	
19	1767	0	0.59	-10.633	16.318	0.15	0.000	
20	1627	0	0.59	-14.313	16.318	0.15	0.000	
21	1443	0	0.59	-18.056	16.318	0.15	0.000	
22	1213	0	0.59	-21.880	16.318	0.15	0.000	
23	933	0	0.59	-25.811	16.318	0.15	0.000	
24	598	0	0.59	-29.877	16.318	0.15	0.000	
25	203	0	-9.33 - 0.59	-33.384	16.318	0.15	0.000	

Resistenza al taglio pali 92063 [kg]

Combinazione n° 8 - GEO (A2-M2-R2) H + V

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]
1	5239	0	16.69 - 1.46	69.975	20.100	0.19	0.000	
2	13753	0	1.46	59.770	20.100	0.19	0.000	
3	19486	0	1.46	52.187	20.100	0.19	0.000	
4	23902	0	1.46	45.765	20.100	0.19	0.000	
5	27461	0	1.46	40.024	20.100	0.19	0.000	
6	30381	0	1.46	34.738	20.100	0.19	0.000	
7	32925	0	1.46	29.774	21.200	0.11	0.000	
8	35351	0	1.46	25.048	21.200	0.11	0.000	
9	37330	386	1.46	20.498	21.200	0.11	0.000	
10	38885	729	1.46	16.081	21.200	0.11	0.000	
11	40049	729	1.46	11.761	21.200	0.11	0.000	
12	41425	307	1.46	7.507	21.200	0.11	0.000	
13	27885	0	1.46	3.296	21.200	0.11	0.000	
14	27863	0	1.46	-0.898	21.200	0.11	0.000	
15	26716	0	1.46	-5.097	21.200	0.11	0.000	
16	26117	0	1.46	-9.324	21.200	0.11	0.000	
17	25157	0	1.46	-13.602	21.200	0.11	0.000	
18	23819	0	1.46	-17.960	21.200	0.11	0.000	
19	22077	0	1.46	-22.429	21.200	0.11	0.000	
20	19895	0	1.46	-27.049	21.200	0.11	0.000	
21	17360	0	1.46	-31.868	20.100	0.19	0.000	
22	14711	0	1.46	-36.958	20.100	0.19	0.000	
23	11526	0	1.46	-42.418	20.100	0.19	0.000	
24	7626	0	1.46	-48.414	20.100	0.19	0.000	
25	2718	0	-19.74 - 1.46	-55.068	20.100	0.19	0.000	

Resistenza al taglio pali 92063 [kg]

Combinazione n° 9 - GEO (A2-M2-R2) H - V

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]
1	13843	0	25.33 - 2.18	72.852	20.100	0.19	0.000	
2	35359	0	2.18	60.893	20.100	0.19	0.000	

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]
3	49000	0	2.18	52.736	21.200	0.11	0.000	
4	61076	0	2.18	45.941	21.200	0.11	0.000	
5	70932	0	2.18	39.911	21.200	0.11	0.000	
6	78943	0	2.18	34.380	21.200	0.11	0.000	
7	85487	0	2.18	29.196	21.200	0.11	0.000	
8	90799	0	2.18	24.266	21.200	0.11	0.000	
9	95032	0	2.18	19.521	21.200	0.11	0.000	
10	98290	403	2.18	14.912	21.200	0.11	0.000	
11	100645	1089	2.18	10.401	21.200	0.11	0.000	
12	102549	658	2.18	5.955	21.200	0.11	0.000	
13	82792	0	2.18	1.545	21.200	0.11	0.000	
14	81528	0	2.18	-2.856	21.200	0.11	0.000	
15	80209	0	2.18	-7.274	21.200	0.11	0.000	
16	78437	0	2.18	-11.736	21.200	0.11	0.000	
17	75798	0	2.18	-16.272	21.200	0.11	0.000	
18	72237	0	2.18	-20.917	21.200	0.11	0.000	
19	67674	0	2.18	-25.711	21.200	0.11	0.000	
20	61993	0	2.18	-30.709	21.200	0.11	0.000	
21	55020	0	2.18	-35.985	21.200	0.11	0.000	
22	46487	0	2.18	-41.645	21.200	0.11	0.000	
23	35950	0	2.18	-47.867	21.200	0.11	0.000	
24	23432	0	2.18	-54.978	20.100	0.19	0.000	
25	8582	0	-29.13 - 2.18	-63.668	20.100	0.19	0.000	

Resistenza al taglio pali 0 [kg]

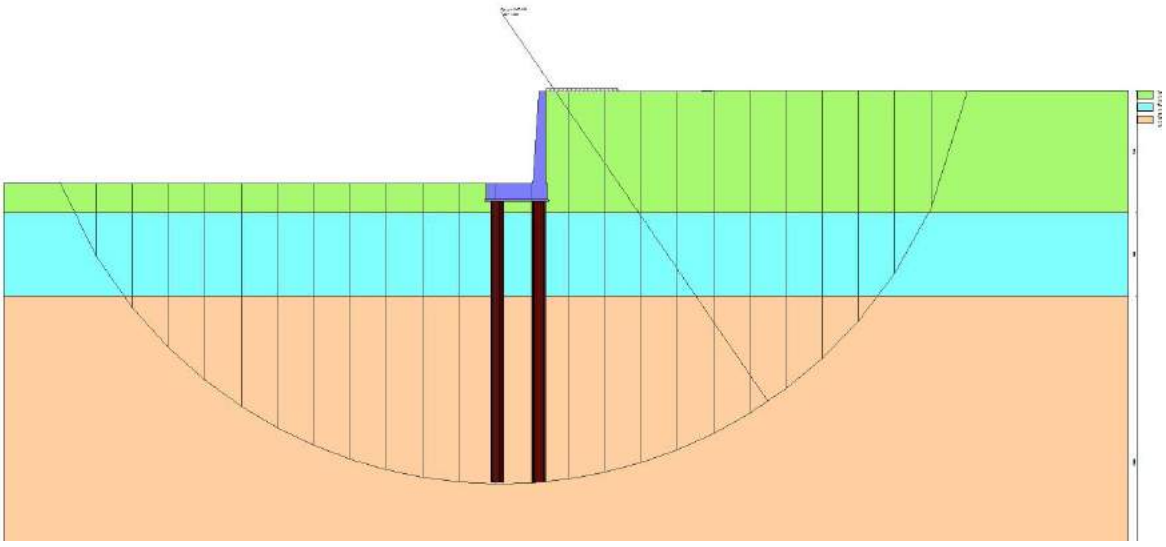

Fig. 23 - Stabilità fronte di scavo - Cerchio critico (Combinazione n° 9)

Cedimenti pali

Simbologia adottata

Ic Indice combinazione

Ip Indice palo

w Cedimento, espresso in [cm]

Ic	Ip	w
		[cm]

Ic	Ip	w
		[cm]
13	1	-0.0318
	2	0.1976
14	1	0.0088
	2	0.1519
15	1	0.0291
	2	0.1288

Sollecitazioni

Elementi calcolati a trave

Simbologia adottata

N Sforzo normale, espresso in [kg]. Positivo se di compressione.

T Taglio, espresso in [kg]. Positivo se diretto da monte verso valle

M Momento, espresso in [kgm]. Positivo se tende le fibre contro terra (a monte)

Elementi calcolati a piastra

Simbologia adottata

Mx, My Momenti flettenti, espresso in [kgm]

Mxy Momento torcente, espresso in [kgm]. Positivo se diretto da monte verso valle

Tx, Ty Tagli, espresso in [kg]. Positivo se tende le fibre contro terra (a monte)

I momenti flettenti sono positivi se tendono le fibre inferiori (intradosso fondazione, paramento esterno)

Paramento

Combinazione n° 1 - STR (A1-M1-R3)

n°	X	N	T	M
	[m]	[kg]	[kg]	[kgm]
1	0.00	0	0	0
2	-0.27	281	0	-1
3	-0.55	573	0	-5
4	-0.82	877	5	-10
5	-1.10	1193	63	-11
6	-1.37	1520	195	11
7	-1.65	1858	401	77
8	-1.92	2208	682	207
9	-2.20	2570	1037	421
10	-2.47	2943	1467	741
11	-2.75	3328	1971	1185
12	-3.02	3725	2551	1776
13	-3.30	4133	3204	2532
14	-3.57	4552	3933	3476
15	-3.85	4983	4737	4626
16	-4.13	5426	5615	6004
17	-4.40	5880	6568	7630
18	-4.67	6346	7597	9524
19	-4.95	6823	8700	11708
20	-5.22	7312	9878	14201
21	-5.50	7813	11131	17025

Combinazione n° 2 - STR (A1-M1-R3) H + V

n°	X	N	T	M
	[m]	[kg]	[kg]	[kgm]
1	0.00	0	0	0
2	-0.27	281	99	12
3	-0.55	573	237	53

n°	X	N	T	M
	[m]	[kg]	[kg]	[kgm]
4	-0.82	877	412	136
5	-1.10	1193	625	269
6	-1.37	1520	875	463
7	-1.65	1858	1164	728
8	-1.92	2208	1490	1075
9	-2.20	2570	1854	1514
10	-2.47	2943	2256	2055
11	-2.75	3328	2697	2708
12	-3.02	3725	3210	3489
13	-3.30	4133	3817	4420
14	-3.57	4552	4519	5527
15	-3.85	4983	5316	6837
16	-4.13	5426	6208	8376
17	-4.40	5880	7195	10169
18	-4.67	6346	8277	12243
19	-4.95	6823	9455	14623
20	-5.22	7312	10728	17337
21	-5.50	7813	12096	20409

Combinazione n° 3 - STR (A1-M1-R3) H - V

n°	X	N	T	M
	[m]	[kg]	[kg]	[kgm]
1	0.00	0	0	0
2	-0.27	281	92	11
3	-0.55	573	205	48
4	-0.82	877	341	116
5	-1.10	1193	498	222
6	-1.37	1520	678	372
7	-1.65	1858	879	571
8	-1.92	2208	1102	826
9	-2.20	2570	1348	1142
10	-2.47	2943	1615	1526
11	-2.75	3328	1907	1983
12	-3.02	3725	2253	2524
13	-3.30	4133	2678	3167
14	-3.57	4552	3183	3935
15	-3.85	4983	3766	4848
16	-4.13	5426	4429	5930
17	-4.40	5880	5171	7200
18	-4.67	6346	5993	8682
19	-4.95	6823	6893	10397
20	-5.22	7312	7874	12366
21	-5.50	7813	8933	14611

Combinazione n° 4 - STR (A1-M1-R3)

n°	X	N	T	M
	[m]	[kg]	[kg]	[kgm]
1	0.00	0	0	0
2	-0.27	365	0	-2
3	-0.55	745	0	-6
4	-0.82	1140	5	-14
5	-1.10	1550	63	-17
6	-1.37	1975	195	2
7	-1.65	2416	401	63
8	-1.92	2871	682	188
9	-2.20	3341	1037	397
10	-2.47	3826	1467	709
11	-2.75	4327	1971	1146
12	-3.02	4842	2551	1727
13	-3.30	5372	3204	2474
14	-3.57	5918	3933	3406
15	-3.85	6478	4737	4545
16	-4.13	7054	5615	5909
17	-4.40	7644	6568	7521

n°	X	N	T	M
	[m]	[kg]	[kg]	[kgm]
18	-4.67	8250	7597	9400
19	-4.95	8870	8700	11567
20	-5.22	9506	9878	14043
21	-5.50	10157	11131	16847

Combinazione n° 5 - STR (A1-M1-R3)

n°	X	N	T	M
	[m]	[kg]	[kg]	[kgm]
1	0.00	0	0	0
2	-0.27	281	0	-1
3	-0.55	573	0	-5
4	-0.82	877	5	-10
5	-1.10	1193	63	-11
6	-1.37	1520	195	11
7	-1.65	1858	401	77
8	-1.92	2208	682	207
9	-2.20	2570	1037	421
10	-2.47	2943	1467	741
11	-2.75	3328	1971	1185
12	-3.02	3725	2551	1776
13	-3.30	4133	3204	2532
14	-3.57	4552	3933	3476
15	-3.85	4983	4737	4626
16	-4.13	5426	5615	6004
17	-4.40	5880	6568	7630
18	-4.67	6346	7597	9524
19	-4.95	6823	8700	11708
20	-5.22	7312	9878	14201
21	-5.50	7813	11131	17025

Combinazione n° 6 - STR (A1-M1-R3)

n°	X	N	T	M
	[m]	[kg]	[kg]	[kgm]
1	0.00	0	0	0
2	-0.27	365	0	-2
3	-0.55	745	0	-6
4	-0.82	1140	5	-14
5	-1.10	1550	63	-17
6	-1.37	1975	195	2
7	-1.65	2416	401	63
8	-1.92	2871	682	188
9	-2.20	3341	1037	397
10	-2.47	3826	1467	709
11	-2.75	4327	1971	1146
12	-3.02	4842	2551	1727
13	-3.30	5372	3204	2474
14	-3.57	5918	3933	3406
15	-3.85	6478	4737	4545
16	-4.13	7054	5615	5909
17	-4.40	7644	6568	7521
18	-4.67	8250	7597	9400
19	-4.95	8870	8700	11567
20	-5.22	9506	9878	14043
21	-5.50	10157	11131	16847

Combinazione n° 13 - SLER

n°	X	N	T	M
	[m]	[kg]	[kg]	[kgm]
1	0.00	0	0	0
2	-0.27	281	0	-1
3	-0.55	573	0	-5
4	-0.82	877	0	-11

n°	X	N	T	M
	[m]	[kg]	[kg]	[kgm]
5	-1.10	1193	0	-20
6	-1.37	1520	0	-31
7	-1.65	1858	2	-45
8	-1.92	2208	42	-57
9	-2.20	2570	137	-54
10	-2.47	2943	290	-20
11	-2.75	3328	501	61
12	-3.02	3725	768	205
13	-3.30	4133	1093	426
14	-3.57	4552	1475	741
15	-3.85	4983	1914	1166
16	-4.13	5426	2411	1716
17	-4.40	5880	2965	2406
18	-4.67	6346	3577	3253
19	-4.95	6823	4247	4272
20	-5.22	7312	4973	5479
21	-5.50	7813	5758	6890

Combinazione n° 14 - SLEF

n°	X	N	T	M
	[m]	[kg]	[kg]	[kgm]
1	0.00	0	0	0
2	-0.27	281	0	-1
3	-0.55	573	0	-5
4	-0.82	877	0	-11
5	-1.10	1193	0	-20
6	-1.37	1520	0	-31
7	-1.65	1858	0	-45
8	-1.92	2208	0	-62
9	-2.20	2570	0	-82
10	-2.47	2943	15	-104
11	-2.75	3328	80	-119
12	-3.02	3725	202	-111
13	-3.30	4133	381	-65
14	-3.57	4552	618	34
15	-3.85	4983	911	203
16	-4.13	5426	1263	457
17	-4.40	5880	1671	812
18	-4.67	6346	2137	1282
19	-4.95	6823	2660	1885
20	-5.22	7312	3241	2636
21	-5.50	7813	3879	3550

Combinazione n° 15 - SLEQ

n°	X	N	T	M
	[m]	[kg]	[kg]	[kgm]
1	0.00	0	0	0
2	-0.27	281	0	-1
3	-0.55	573	0	-5
4	-0.82	877	0	-11
5	-1.10	1193	0	-20
6	-1.37	1520	0	-31
7	-1.65	1858	0	-45
8	-1.92	2208	0	-62
9	-2.20	2570	0	-82
10	-2.47	2943	0	-105
11	-2.75	3328	2	-132
12	-3.02	3725	37	-157
13	-3.30	4133	129	-169
14	-3.57	4552	278	-150
15	-3.85	4983	485	-87
16	-4.13	5426	748	37
17	-4.40	5880	1069	238
18	-4.67	6346	1447	532

n°	X	N	T	M
	[m]	*[kg]*	*[kg]*	*[kgm]*
19	-4.95	6823	1883	933
20	-5.22	7312	2376	1458
21	-5.50	7813	2926	2122

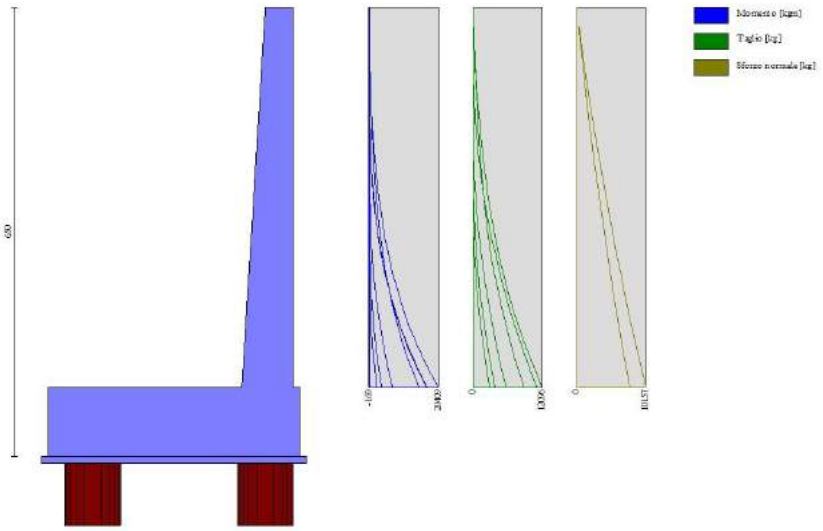

Fig. 24 - Paramento (Inviluppo)

Piastra fondazione

Combinazione n° 1 - STR (A1-M1-R3)

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*	
1	-193	766	-5076	-18194	15332	
2	-12895	-17710	-3150	-24031	3757	
3	-607	-15582	-14468	39060	-8746	
4	2051	-8753	-368	14950	2249	
5	744	29356	532	-4778	-15317	
6	-29911	-40901	-2616	2316	-73554	
7	-3826	-7237	-2021	8850	-33148	
8	-619	-5435	-2949	13650	-25414	
9	-7841	-22570	-771	-3122	-90165	
10	-6431	-15854	2546	15562	6004	
11	3438	-9721	10478	-34641	-1391	
12	-1154	-3238	201	-12390	-23759	
13	-413	15441	-1151	-3413	-43274	
14	-3004	15582	-1129	-4084	-39266	
15	1973	15128	-1021	-3140	-44609	
16	5122	16753	-826	-2571	-37959	
17	8440	3005	-263	-1782	6052	
18	4328	-3965	-554	-836	-814	
19	3529	-350	-685	-765	-16274	
20	6363	16705	-743	17	-29774	
21	9164	40760	463	-1957	-40931	
22	17657	53229	2560	-549	-37682	
23	11250	40954	-455	-986	-40370	
24	11833	39839	-870	-222	-36970	
25	11935	38730	-626	498	-34515	
26	-5089	-14719	-3439	-19059	5833	

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
27	4083	-9160	-10816	31987	-1406
28	-789	-2881	-1673	11407	-22825
29	5357	16500	-642	1906	-36040
30	11603	38245	-317	735	-34548
31	15872	52907	234	0	-40797
32	15673	52244	-152	0	-40059
33	15164	50545	-680	0	-36753
34	14655	48851	-530	0	-34348
35	14430	48101	-300	0	-34021
36	14430	48101	-300	0	-34021
37	14430	48101	-300	0	-34021
38	14430	48101	-300	0	-34021
39	14430	48101	-300	0	-34021
40	14430	48101	-300	0	-34021
41	14430	48101	-300	0	-34021
42	4273	26604	-327	-1417	-15156
43	-28641	-39403	-450	-43	-70657
44	-8082	-21137	-555	153	-86862
45	3705	14962	-488	424	-41917
46	11313	37954	-368	471	-35153
47	14284	47613	-302	0	-34037
48	14284	47613	-302	0	-34037
49	-24	-79	3	0	-781
50	-23	-78	0	0	-781
51	-23	-78	0	0	-781
52	-23	-78	0	0	-781
53	-23	-78	0	0	-781
54	-23	-78	0	0	-781
55	-23	-78	0	0	-781
56	-5097	-14667	2785	16258	5872
57	4022	-9139	9951	-32226	-1255
58	-965	-3012	567	-11263	-22389
59	5085	15995	-340	-1192	-35318
60	11238	37195	-440	190	-33681
61	14036	46786	-323	0	-33124
62	14036	46786	-323	0	-33124
63	-23	-78	0	0	-781
64	1	0	0	0	-781
65	2	0	3	1	-781
66	0	0	0	0	-781
67	0	0	0	0	-781
68	0	0	0	0	-781
69	0	0	0	0	-781
70	0	0	0	0	-781
71	0	0	0	0	-781
72	8409	2910	-207	-760	5969
73	4348	-3848	-284	131	-590
74	3357	-471	-334	248	-15371
75	5922	15767	-268	342	-28169
76	11231	36598	-184	279	-32523
77	13835	46118	-146	0	-32301
78	13835	46118	-146	0	-32301
79	-23	-78	0	0	-781
80	0	0	0	0	-781
81	-5315	-14676	-3207	-17845	5941
82	3797	-9202	-10528	32445	-1138
83	-1194	-3204	-1252	11724	-22190
84	4860	15625	-216	1866	-35078
85	11030	36642	52	384	-33446
86	13848	46159	12	0	-32901
87	13848	46159	12	0	-32901
88	-23	-78	0	0	-781
89	0	0	0	0	-781
90	3888	26588	-108	-348	-15031
91	-29042	-39510	-150	122	-70424
92	-8513	-21495	-172	176	-86434
93	3260	14224	-130	200	-41364
94	10884	36795	-83	141	-34581
95	13882	46275	-64	0	-33483

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
96	13882	46275	-64	0	-33483
97	-23	-78	0	0	-781
98	0	0	0	0	-781
99	-5505	-14691	2981	17098	5987
100	3615	-9259	10215	-32209	-1075
101	-1351	-3336	892	-11371	-22113
102	4730	15417	-59	-1453	-35016
103	10930	36382	-230	-87	-33412
104	13766	45887	-151	0	-32881
105	13766	45887	-151	0	-32881
106	-23	-78	0	0	-781
107	0	0	0	0	-781
108	8038	2881	-49	-138	6063
109	3988	-3958	-69	78	-458
110	3041	-736	-78	99	-15200
111	5654	15336	-56	101	-28018
112	11017	36043	-34	63	-32420
113	13658	45527	-25	0	-32224
114	13658	45527	-25	0	-32224
115	-23	-78	0	0	-781
116	0	0	0	0	-781
117	-5623	-14702	-3087	-17404	6012
118	3504	-9294	-10363	32366	-1046
119	-1439	-3409	-1059	11577	-22088
120	4664	15316	-62	1666	-35012
121	10886	36273	156	224	-33429
122	13734	45781	95	0	-32906
123	13734	45781	95	0	-32906
124	-23	-78	0	0	-781
125	0	0	0	0	-781
126	3647	26566	-20	-47	-14979
127	-29269	-39580	-28	41	-70362
128	-8695	-21645	-31	48	-86376
129	3122	14009	-21	45	-41344
130	10788	36557	-12	25	-34603
131	13812	46040	-9	0	-33523
132	13812	46040	-9	0	-33523
133	-23	-78	0	0	-781
134	0	0	0	0	-781
135	-5684	-14708	3043	17296	6024
136	3448	-9311	10301	-32281	-1034
137	-1482	-3443	990	-11475	-22082
138	4635	15272	15	-1569	-35019
139	10869	36233	-183	-168	-33448
140	13724	45745	-115	0	-32931
141	13724	45745	-115	0	-32931
142	-23	-78	0	0	-781
143	0	0	0	0	-781
144	7911	2869	-7	-12	6088
145	3870	-3995	-9	17	-432
146	2950	-809	-10	19	-15184
147	5590	15241	-7	16	-28030
148	10979	35952	-3	8	-32457
149	13634	45446	-2	0	-32270
150	13634	45446	-2	0	-32270
151	-23	-78	0	0	-781
152	0	0	0	0	-781
153	-5708	-14710	-3058	-17327	6028
154	3425	-9318	-10322	32316	-1030
155	-1499	-3456	-1013	11515	-22082
156	4624	15257	-30	1605	-35025
157	10863	36220	175	187	-33459
158	13721	45736	109	0	-32944
159	13721	45736	109	0	-32944
160	-23	-78	0	0	-781
161	0	0	0	0	-781
162	3595	26561	0	0	-14970
163	-29317	-39595	0	0	-70353
164	-8731	-21673	0	0	-86373

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
165	3098	13975	0	0	-41355
166	10776	36528	0	0	-34624
167	13805	46017	0	0	-33549
168	13805	46017	0	0	-33549
169	-23	-78	0	0	-781
170	0	0	0	0	-781
171	-5708	-14710	3058	17326	6028
172	3425	-9318	10322	-32317	-1030
173	-1498	-3456	1013	-11515	-22081
174	4624	15257	30	-1605	-35025
175	10863	36220	-175	-187	-33459
176	13721	45736	-109	0	-32943
177	13721	45736	-109	0	-32943
178	-23	-78	0	0	-781
179	0	0	0	0	-781
180	7911	2869	6	12	6088
181	3871	-3995	9	-17	-432
182	2951	-809	10	-19	-15184
183	5590	15241	7	-17	-28029
184	10979	35951	3	-8	-32456
185	13633	45445	2	0	-32270
186	13633	45445	2	0	-32270
187	-23	-78	0	0	-781
188	0	0	0	0	-781
189	-5683	-14708	-3043	-17297	6024
190	3448	-9311	-10301	32281	-1034
191	-1481	-3443	-990	11474	-22082
192	4635	15272	-15	1569	-35019
193	10868	36232	183	168	-33447
194	13723	45745	115	0	-32930
195	13723	45745	115	0	-32930
196	-23	-78	0	0	-781
197	0	0	0	0	-781
198	3649	26567	20	46	-14979
199	-29268	-39580	28	-42	-70362
200	-8695	-21645	31	-49	-86375
201	3122	14009	21	-46	-41343
202	10788	36556	12	-26	-34601
203	13812	46039	9	0	-33522
204	13812	46039	9	0	-33522
205	-23	-78	0	0	-781
206	0	0	0	0	-781
207	-5621	-14702	3087	17404	6012
208	3506	-9293	10364	-32368	-1046
209	-1438	-3408	1059	-11578	-22088
210	4665	15316	63	-1668	-35010
211	10886	36273	-156	-224	-33427
212	13734	45780	-95	0	-32904
213	13734	45780	-95	0	-32904
214	-23	-78	0	0	-781
215	0	0	0	0	-781
216	8041	2882	50	139	6062
217	3991	-3958	70	-80	-459
218	3043	-735	79	-102	-15199
219	5655	15337	57	-103	-28016
220	11017	36043	34	-64	-32417
221	13658	45526	26	0	-32221
222	13658	45526	26	0	-32221
223	-23	-78	0	0	-781
224	0	0	0	0	-781
225	-5500	-14691	-2980	-17096	5986
226	3620	-9258	-10213	32205	-1075
227	-1347	-3334	-890	11368	-22112
228	4732	15419	61	1450	-35014
229	10930	36383	231	86	-33409
230	13766	45886	151	0	-32877
231	13766	45886	151	0	-32877
232	-23	-78	0	0	-781
233	0	0	0	0	-781

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
234	3896	26589	110	352	-15033
235	-29035	-39508	153	-127	-70425
236	-8508	-21491	175	-181	-86433
237	3264	14228	132	-206	-41362
238	10885	36798	84	-144	-34576
239	13883	46276	65	0	-33478
240	13883	46276	65	0	-33478
241	-23	-78	0	0	-781
242	0	0	0	0	-781
243	-5303	-14675	3210	17852	5939
244	3808	-9200	10533	-32451	-1139
245	-1185	-3199	1258	-11732	-22190
246	4866	15632	220	-1873	-35075
247	11033	36648	-49	-389	-33441
248	13849	46163	-10	0	-32895
249	13849	46163	-10	0	-32895
250	-23	-78	0	0	-781
251	0	0	0	0	-781
252	8425	2911	212	773	5966
253	4364	-3844	291	-138	-593
254	3370	-463	343	-258	-15372
255	5931	15778	274	-353	-28168
256	11236	36609	188	-287	-32519
257	13838	46128	150	0	-32294
258	13838	46128	150	0	-32294
259	-23	-78	0	0	-781
260	0	0	0	0	-781
261	-5074	-14665	-2779	-16239	5868
262	4043	-9134	-9942	32219	-1259
263	-947	-3001	-555	11252	-22394
264	5099	16012	350	1178	-35320
265	11247	37215	448	-202	-33679
266	14042	46805	329	0	-33120
267	14042	46805	329	0	-33120
268	-23	-78	0	0	-781
269	0	0	0	0	-781
270	4301	26606	335	1444	-15160
271	-28613	-39398	462	37	-70663
272	-8057	-21124	570	-163	-86871
273	3726	14986	502	-442	-41926
274	11329	37987	380	-487	-35159
275	14295	47648	312	0	-34041
276	14295	47648	312	0	-34041
277	-23	-78	0	0	-781
278	0	0	0	0	-781
279	-5055	-14718	3449	19094	5829
280	4116	-9156	10830	-31989	-1414
281	-756	-2866	1693	-11411	-22841
282	5388	16532	663	-1920	-36064
283	11627	38298	336	-756	-34572
284	14448	48161	316	0	-34044
285	14448	48161	316	0	-34044
286	-23	-78	0	0	-781
287	0	0	0	0	-781
288	8479	3007	273	1819	6051
289	4366	-3962	571	837	-819
290	3566	-339	710	775	-16295
291	6397	16741	773	-2	-29822
292	11969	38812	650	-515	-34580
293	14688	48959	554	0	-34417
294	14688	48959	554	0	-34417
295	-23	-78	0	0	-781
296	0	0	0	0	-781
297	-6394	-15862	-2534	-15512	6011
298	3486	-9721	-10463	34628	-1382
299	-1108	-3232	-156	12385	-23763
300	5131	16781	877	2681	-38039
301	11854	39947	922	304	-37137
302	15207	50689	710	0	-36945

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
303	15207	50689	710	0	-36945	
304	-23	-78	0	0	-781	
305	0	0	0	0	-781	
306	776	29357	-535	4832	-15348	
307	-29890	-40936	2624	-2286	-73539	
308	-7647	-22555	783	2926	-90040	
309	1998	15136	1318	3128	-44514	
310	10583	40960	434	2097	-40571	
311	15822	52741	115	0	-40463	
312	15822	52741	115	0	-40463	
313	-23	-78	0	0	-781	
314	0	0	0	0	-781	
315	-12890	-17717	3165	24080	3786	
316	-574	-15575	14435	-39028	-8846	
317	-3880	-7599	2034	-8862	-32933	
318	1200	16018	1252	2203	-42377	
319	6250	40193	-507	4361	-41278	
320	15945	53149	-1761	0	-42191	
321	15945	53149	-1761	0	-42191	
322	-23	-78	0	0	-781	
323	1	0	0	0	-781	
324	-244	742	5054	18248	15392	
325	2174	-8726	389	-14971	2461	
326	-1095	-5421	2644	-13311	-25834	
327	728	16147	1529	1868	-42133	
328	1952	39816	-2321	5359	-36878	
329	15864	52881	-7096	0	-30690	
330	15864	52881	-7096	0	-30690	
331	-24	-79	-3	0	-781	
332	2	0	-3	-1	-781	

Combinazione n° 2 - STR (A1-M1-R3) H + V

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
1	-193	990	-5076	-18194	19513	
2	-12895	-17710	-3150	-24031	4745	
3	-607	-15582	-14468	49381	-8746	
4	2594	-8753	-368	18956	2736	
5	1001	37425	700	-4778	-15317	
6	-29911	-40901	-2616	2940	-73554	
7	-3826	-7237	-2021	11309	-33148	
8	-619	-5435	-2949	17399	-25414	
9	-7841	-22570	-771	-3122	-90165	
10	-6431	-15854	3265	20097	7682	
11	4275	-9721	13434	-34641	-1391	
12	-1154	-3238	311	-12390	-23759	
13	-413	20045	-1151	-3413	-43274	
14	-3004	20230	-1129	-4084	-39266	
15	2577	19659	-1021	-3140	-44609	
16	6624	21763	-826	-2571	-37959	
17	10630	3819	-263	-1782	7674	
18	5397	-3965	-554	-836	-814	
19	4455	-339	-685	-765	-16274	
20	8226	21743	-743	17	-29774	
21	11891	52908	643	-1957	-40931	
22	22943	69120	3373	-549	-37682	
23	14604	53187	-455	-986	-40370	
24	15378	51807	-870	-222	-36970	
25	15523	50423	-626	611	-34515	
26	-5089	-14719	-3439	-19059	7454	
27	5100	-9160	-10816	40400	-1406	
28	-789	-2881	-1673	14513	-22825	
29	6950	21471	-642	2405	-36040	
30	15108	49820	-317	921	-34548	
31	20624	68745	343	0	-40797	
32	20384	67948	-152	0	-40059	
33	19750	65835	-680	0	-36753	

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
34	19111	63704	-530	0	-34348
35	18830	62766	-300	0	-34021
36	18830	62766	-300	0	-34021
37	18830	62766	-300	0	-34021
38	18830	62766	-300	0	-34021
39	18830	62766	-300	0	-34021
40	18830	62766	-300	0	-34021
41	18830	62766	-300	0	-34021
42	5493	33913	-327	-1417	-15156
43	-28641	-39403	-450	-43	-70657
44	-8082	-21137	-555	183	-86862
45	4852	19502	-488	526	-41917
46	14743	49458	-368	588	-35153
47	18647	62156	-302	0	-34037
48	18647	62156	-302	0	-34037
49	-19	-64	3	0	-633
50	-19	-63	0	0	-632
51	-19	-63	0	0	-633
52	-19	-63	0	0	-633
53	-19	-63	0	0	-633
54	-19	-63	0	0	-633
55	-19	-63	0	0	-633
56	-5097	-14667	3560	20921	7500
57	5033	-9139	12746	-32226	-1255
58	-965	-3012	762	-11263	-22389
59	6613	20844	-340	-1192	-35318
60	14651	48504	-440	234	-33681
61	18334	61113	-323	0	-33124
62	18334	61113	-323	0	-33124
63	-19	-63	0	0	-633
64	1	0	0	0	-632
65	2	0	3	1	-633
66	0	0	0	0	-633
67	0	0	0	0	-633
68	0	0	0	0	-633
69	0	0	0	0	-633
70	0	0	0	0	-633
71	0	0	0	0	-633
72	10607	3698	-207	-760	7560
73	5440	-3848	-284	162	-590
74	4256	-471	-334	309	-15371
75	7685	20582	-268	427	-28169
76	14644	47751	-184	350	-32523
77	18081	60270	-146	0	-32301
78	18081	60270	-146	0	-32301
79	-19	-63	0	0	-633
80	0	0	0	0	-633
81	-5315	-14676	-3207	-17845	7586
82	4754	-9202	-10528	40986	-1138
83	-1194	-3204	-1252	14926	-22190
84	6331	20381	-216	2369	-35078
85	14390	47808	67	486	-33446
86	18097	60324	16	0	-32901
87	18097	60324	16	0	-32901
88	-19	-63	0	0	-633
89	0	0	0	0	-633
90	5018	33893	-108	-348	-15031
91	-29042	-39510	-150	152	-70424
92	-8513	-21495	-172	221	-86434
93	4296	18580	-130	251	-41364
94	14204	48002	-83	177	-34581
95	18142	60472	-64	0	-33483
96	18142	60472	-64	0	-33483
97	-19	-63	0	0	-633
98	0	0	0	0	-633
99	-5505	-14691	3804	21972	7644
100	4526	-9259	13075	-32209	-1075
101	-1351	-3336	1168	-11371	-22113
102	6168	20120	-59	-1453	-35016

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
103	14264	47482	-230	-87	-33412
104	17994	59981	-151	0	-32881
105	17994	59981	-151	0	-32881
106	-19	-63	0	0	-633
107	0	0	0	0	-633
108	10144	3662	-49	-138	7677
109	4991	-3958	-69	97	-458
110	3860	-736	-78	125	-15200
111	7348	20042	-56	127	-28018
112	14375	47053	-34	80	-32420
113	17858	59526	-25	0	-32224
114	17858	59526	-25	0	-32224
115	-19	-63	0	0	-633
116	0	0	0	0	-633
117	-5623	-14702	-3087	-17404	7676
118	4388	-9294	-10363	40888	-1046
119	-1439	-3409	-1059	14743	-22088
120	6085	19993	-62	2120	-35012
121	14208	47344	198	285	-33429
122	17954	59847	120	0	-32906
123	17954	59847	120	0	-32906
124	-19	-63	0	0	-633
125	0	0	0	0	-633
126	4718	33866	-20	-47	-14979
127	-29269	-39580	-28	51	-70362
128	-8695	-21645	-31	61	-86376
129	4122	18310	-21	57	-41344
130	14084	47702	-12	32	-34603
131	18053	60175	-9	0	-33523
132	18053	60175	-9	0	-33523
133	-19	-63	0	0	-633
134	0	0	0	0	-633
135	-5684	-14708	3882	22222	7690
136	4317	-9311	13184	-32281	-1034
137	-1482	-3443	1291	-11475	-22082
138	6048	19938	29	-1569	-35019
139	14186	47293	-183	-168	-33448
140	17941	59802	-115	0	-32931
141	17941	59802	-115	0	-32931
142	-19	-63	0	0	-633
143	0	0	0	0	-633
144	9985	3647	-7	-12	7708
145	4843	-3995	-9	21	-432
146	3747	-809	-10	24	-15184
147	7268	19923	-7	21	-28030
148	14327	46938	-3	11	-32457
149	17827	59422	-2	0	-32270
150	17827	59422	-2	0	-32270
151	-19	-63	0	0	-633
152	0	0	0	0	-633
153	-5708	-14710	-3058	-17327	7696
154	4288	-9318	-10322	40826	-1030
155	-1499	-3456	-1013	14665	-22082
156	6034	19919	-30	2043	-35025
157	14179	47277	222	238	-33459
158	17937	59790	138	0	-32944
159	17937	59790	138	0	-32944
160	-19	-63	0	0	-633
161	0	0	0	0	-633
162	4652	33860	0	0	-14970
163	-29317	-39595	0	0	-70353
164	-8731	-21673	0	0	-86373
165	4092	18267	0	0	-41355
166	14068	47666	0	0	-34624
167	18044	60146	0	0	-33549
168	18044	60146	0	0	-33549
169	-19	-63	0	0	-633
170	0	0	0	0	-633
171	-5708	-14710	3901	22259	7696

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
172	4288	-9318	13210	-32317	-1030	
173	-1498	-3456	1320	-11515	-22081	
174	6034	19918	48	-1605	-35025	
175	14179	47277	-175	-187	-33459	
176	17937	59790	-109	0	-32943	
177	17937	59790	-109	0	-32943	
178	-19	-63	0	0	-633	
179	0	0	0	0	-633	
180	9985	3647	8	15	7708	
181	4844	-3995	12	-17	-432	
182	3747	-809	13	-19	-15184	
183	7268	19922	8	-17	-28029	
184	14326	46938	4	-8	-32456	
185	17826	59422	3	0	-32270	
186	17826	59422	3	0	-32270	
187	-19	-63	0	0	-633	
188	0	0	0	0	-633	
189	-5683	-14708	-3043	-17297	7690	
190	4318	-9311	-10301	40781	-1034	
191	-1481	-3443	-990	14614	-22082	
192	6048	19938	-15	1997	-35019	
193	14186	47292	232	214	-33447	
194	17940	59801	145	0	-32930	
195	17940	59801	145	0	-32930	
196	-19	-63	0	0	-633	
197	0	0	0	0	-633	
198	4719	33866	25	58	-14979	
199	-29268	-39580	36	-42	-70362	
200	-8695	-21645	39	-49	-86375	
201	4122	18310	27	-46	-41343	
202	14084	47701	15	-26	-34601	
203	18052	60174	11	0	-33522	
204	18052	60174	11	0	-33522	
205	-19	-63	0	0	-633	
206	0	0	0	0	-633	
207	-5621	-14702	3938	22357	7675	
208	4390	-9293	13262	-32368	-1046	
209	-1438	-3408	1378	-11578	-22088	
210	6086	19993	90	-1668	-35010	
211	14208	47343	-156	-224	-33427	
212	17954	59846	-95	0	-32904	
213	17954	59846	-95	0	-32904	
214	-19	-63	0	0	-633	
215	0	0	0	0	-633	
216	10149	3663	63	175	7677	
217	4995	-3958	88	-80	-459	
218	3863	-735	99	-102	-15199	
219	7350	20043	71	-103	-28016	
220	14375	47053	43	-64	-32417	
221	17857	59524	32	0	-32221	
222	17857	59524	32	0	-32221	
223	-19	-63	0	0	-633	
224	0	0	0	0	-633	
225	-5500	-14691	-2980	-17096	7643	
226	4532	-9258	-10213	40687	-1075	
227	-1347	-3334	-890	14480	-22112	
228	6171	20123	66	1848	-35014	
229	14264	47483	292	111	-33409	
230	17994	59980	192	0	-32877	
231	17994	59980	192	0	-32877	
232	-19	-63	0	0	-633	
233	0	0	0	0	-633	
234	5029	33894	138	443	-15033	
235	-29035	-39508	192	-127	-70425	
236	-8508	-21491	220	-181	-86433	
237	4300	18585	166	-206	-41362	
238	14206	48006	106	-144	-34576	
239	18142	60474	82	0	-33478	
240	18142	60474	82	0	-33478	

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
241	-19	-63	0	0	-633
242	0	0	0	0	-633
243	-5303	-14675	4092	22921	7583
244	4769	-9200	13474	-32451	-1139
245	-1185	-3199	1627	-11732	-22190
246	6339	20390	287	-1873	-35075
247	14394	47815	-49	-389	-33441
248	18099	60329	-10	0	-32895
249	18099	60329	-10	0	-32895
250	-19	-63	0	0	-633
251	0	0	0	0	-633
252	10629	3699	265	971	7556
253	5460	-3844	365	-138	-593
254	4272	-463	430	-258	-15372
255	7697	20596	344	-353	-28168
256	14650	47765	237	-287	-32519
257	18085	60282	189	0	-32294
258	18085	60282	189	0	-32294
259	-19	-63	0	0	-633
260	0	0	0	0	-633
261	-5074	-14665	-2779	-16239	7496
262	5060	-9134	-9942	40708	-1259
263	-947	-3001	-555	14340	-22394
264	6631	20866	429	1509	-35320
265	14663	48529	565	-202	-33679
266	18341	61138	415	0	-33120
267	18341	61138	415	0	-33120
268	-19	-63	0	0	-633
269	0	0	0	0	-633
270	5530	33914	418	1808	-15160
271	-28613	-39398	577	54	-70663
272	-8057	-21124	713	-163	-86871
273	4880	19533	630	-442	-41926
274	14763	49500	477	-487	-35159
275	18660	62201	392	0	-34041
276	18660	62201	392	0	-34041
277	-19	-63	0	0	-633
278	0	0	0	0	-633
279	-5055	-14718	4387	24465	7449
280	5143	-9156	13841	-31989	-1414
281	-756	-2866	2168	-11411	-22841
282	6990	21513	840	-1920	-36064
283	15139	49888	419	-756	-34572
284	18853	62843	396	0	-34044
285	18853	62843	396	0	-34044
286	-19	-63	0	0	-633
287	0	0	0	0	-633
288	10679	3822	333	2248	7673
289	5445	-3962	708	1067	-819
290	4502	-325	881	1004	-16295
291	8271	21789	965	27	-29822
292	15568	50529	815	-515	-34580
293	19153	63844	695	0	-34417
294	19153	63844	695	0	-34417
295	-19	-63	0	0	-633
296	0	0	0	0	-633
297	-6394	-15862	-2534	-15512	7692
298	4336	-9721	-10463	43748	-1382
299	-1108	-3232	-156	15790	-23763
300	6636	21799	1084	3459	-38039
301	15405	51946	1153	430	-37137
302	19806	66018	886	0	-36945
303	19806	66018	886	0	-36945
304	-19	-63	0	0	-633
305	0	0	0	0	-633
306	1042	37426	-535	6003	-15348
307	-29890	-40936	3336	-2286	-73539
308	-7647	-22555	978	3710	-90040
309	2609	19667	1656	4054	-44514

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
310	13742	53193	516	2754	-40571	
311	20578	68593	115	0	-40463	
312	20578	68593	115	0	-40463	
313	-19	-63	0	0	-633	
314	0	0	0	0	-633	
315	-12890	-17717	4020	30722	4782	
316	-574	-15575	18458	-39028	-8846	
317	-3880	-7599	2614	-8862	-32933	
318	1555	20795	1588	2872	-42377	
319	8113	52161	-507	5682	-41278	
320	20716	69052	-1761	0	-42191	
321	20716	69052	-1761	0	-42191	
322	-19	-63	0	0	-632	
323	1	0	0	0	-632	
324	-244	959	6449	23415	19591	
325	2755	-8726	499	-14971	3012	
326	-1095	-5421	3403	-13311	-25834	
327	943	20978	1962	2420	-42133	
328	2532	51668	-2321	6970	-36878	
329	20611	68703	-7096	0	-30690	
330	20611	68703	-7096	0	-30690	
331	-19	-64	-2	0	-633	
332	2	0	-2	-1	-633	

Combinazione n° 3 - STR (A1-M1-R3) H - V

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
1	-152	990	-5058	-18194	19513	
2	-12702	-17695	-3111	-24031	4745	
3	-578	-15582	-14468	49381	-8188	
4	2594	-8753	-333	18956	2995	
5	1001	37425	700	-4537	-15317	
6	-29243	-40584	-2586	2940	-73394	
7	-3764	-7237	-2021	11309	-32223	
8	-619	-5435	-2925	17399	-24389	
9	-7841	-22570	-729	-2966	-88969	
10	-6334	-15835	3265	20097	7682	
11	4275	-9721	13434	-33878	-796	
12	-1154	-3238	311	-12274	-22863	
13	-413	20045	-1151	-3195	-42281	
14	-2864	20230	-1129	-3850	-38524	
15	2577	19659	-1021	-2965	-43625	
16	6624	21763	-798	-2467	-36936	
17	10630	3819	-236	-1608	7674	
18	5397	-3965	-524	-783	-295	
19	4455	-339	-654	-717	-15431	
20	8226	21743	-722	56	-28795	
21	11891	52908	643	-1803	-39971	
22	22943	69120	3373	-549	-37128	
23	14604	53187	-455	-897	-39301	
24	15378	51807	-870	-172	-35908	
25	15523	50423	-613	611	-33494	
26	-5056	-14696	-3417	-19059	7454	
27	5100	-9160	-10816	40400	-810	
28	-789	-2881	-1673	14513	-21938	
29	6950	21471	-635	2405	-35057	
30	15108	49820	-302	921	-33565	
31	20624	68745	343	0	-39831	
32	20384	67948	-152	0	-38961	
33	19750	65835	-680	0	-35667	
34	19111	63704	-520	0	-33318	
35	18830	62766	-287	0	-33033	
36	18830	62766	-287	0	-33033	
37	18830	62766	-287	0	-33033	
38	18830	62766	-287	0	-33033	
39	18830	62766	-287	0	-33033	
40	18830	62766	-287	0	-33033	

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
41	18830	62766	-287	0	-33033
42	5493	33913	-306	-1306	-15156
43	-28120	-39100	-424	-25	-70457
44	-8082	-21137	-525	183	-85677
45	4852	19502	-464	526	-40979
46	14743	49458	-350	588	-34196
47	18647	62156	-288	0	-33080
48	18647	62156	-288	0	-33080
49	-19	-64	3	0	-633
50	-19	-63	0	0	-632
51	-19	-63	0	0	-633
52	-19	-63	0	0	-633
53	-19	-63	0	0	-633
54	-19	-63	0	0	-633
55	-19	-63	0	0	-633
56	-5088	-14644	3560	20921	7500
57	5033	-9139	12746	-31544	-669
58	-965	-3012	762	-11231	-21524
59	6613	20844	-301	-1192	-34372
60	14651	48504	-423	234	-32749
61	18334	61113	-309	0	-32191
62	18334	61113	-309	0	-32191
63	-19	-63	0	0	-633
64	1	0	0	0	-632
65	2	0	3	1	-633
66	0	0	0	0	-633
67	0	0	0	0	-633
68	0	0	0	0	-633
69	0	0	0	0	-633
70	0	0	0	0	-633
71	0	0	0	0	-633
72	10607	3698	-193	-697	7560
73	5440	-3848	-266	162	-87
74	4256	-471	-313	309	-14568
75	7685	20582	-251	427	-27264
76	14644	47751	-172	350	-31606
77	18081	60270	-137	0	-31386
78	18081	60270	-137	0	-31386
79	-19	-63	0	0	-633
80	0	0	0	0	-633
81	-5305	-14654	-3198	-17845	7586
82	4754	-9202	-10528	40986	-559
83	-1194	-3204	-1252	14926	-21339
84	6331	20381	-216	2369	-34151
85	14390	47808	67	486	-32537
86	18097	60324	18	0	-31992
87	18097	60324	18	0	-31992
88	-19	-63	0	0	-633
89	0	0	0	0	-633
90	5018	33893	-100	-315	-15031
91	-28521	-39201	-138	152	-70240
92	-8513	-21495	-159	221	-85277
93	4296	18580	-120	251	-40467
94	14204	48002	-76	177	-33672
95	18142	60472	-59	0	-32576
96	18142	60472	-59	0	-32576
97	-19	-63	0	0	-633
98	0	0	0	0	-633
99	-5488	-14668	3804	21972	7644
100	4526	-9259	13075	-31538	-501
101	-1351	-3336	1168	-11343	-21269
102	6168	20120	-34	-1453	-34098
103	14264	47482	-223	-87	-32510
104	17994	59981	-146	0	-31979
105	17994	59981	-146	0	-31979
106	-19	-63	0	0	-633
107	0	0	0	0	-633
108	10144	3662	-45	-123	7677
109	4991	-3958	-63	97	35

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
110	3860	-736	-71	125	-14412
111	7348	20042	-51	127	-27130
112	14375	47053	-30	80	-31520
113	17858	59526	-23	0	-31326
114	17858	59526	-23	0	-31326
115	-19	-63	0	0	-633
116	0	0	0	0	-633
117	-5599	-14678	-3086	-17404	7676
118	4388	-9294	-10363	40888	-475
119	-1439	-3409	-1059	14743	-21248
120	6085	19993	-62	2120	-34096
121	14208	47344	198	285	-32528
122	17954	59847	120	0	-32005
123	17954	59847	120	0	-32005
124	-19	-63	0	0	-633
125	0	0	0	0	-633
126	4718	33866	-18	-40	-14979
127	-28735	-39267	-25	51	-70183
128	-8695	-21645	-28	61	-85226
129	4122	18310	-19	57	-40453
130	14084	47702	-10	32	-33698
131	18053	60175	-8	0	-32620
132	18053	60175	-8	0	-32620
133	-19	-63	0	0	-633
134	0	0	0	0	-633
135	-5656	-14684	3882	22222	7690
136	4317	-9311	13184	-31608	-464
137	-1482	-3443	1291	-11441	-21243
138	6048	19938	34	-1564	-34104
139	14186	47293	-180	-168	-32548
140	17941	59802	-113	0	-32030
141	17941	59802	-113	0	-32030
142	-19	-63	0	0	-633
143	0	0	0	0	-633
144	9985	3647	-6	-10	7708
145	4843	-3995	-8	21	58
146	3747	-809	-9	24	-14399
147	7268	19923	-6	21	-27143
148	14327	46938	-3	11	-31557
149	17827	59422	-2	0	-31373
150	17827	59422	-2	0	-31373
151	-19	-63	0	0	-633
152	0	0	0	0	-633
153	-5679	-14686	-3058	-17327	7696
154	4288	-9318	-10322	40826	-460
155	-1499	-3456	-1013	14665	-21243
156	6034	19919	-30	2043	-34109
157	14179	47277	222	238	-32558
158	17937	59790	138	0	-32042
159	17937	59790	138	0	-32042
160	-19	-63	0	0	-633
161	0	0	0	0	-633
162	4652	33860	0	0	-14970
163	-28780	-39281	0	0	-70175
164	-8731	-21673	0	0	-85225
165	4092	18267	0	0	-40463
166	14068	47666	0	0	-33719
167	18044	60146	0	0	-32645
168	18044	60146	0	0	-32645
169	-19	-63	0	0	-633
170	0	0	0	0	-633
171	-5679	-14686	3901	22259	7696
172	4288	-9318	13210	-31641	-460
173	-1498	-3456	1320	-11478	-21242
174	6034	19918	48	-1597	-34109
175	14179	47277	-173	-186	-32558
176	17937	59790	-108	0	-32042
177	17937	59790	-108	0	-32042
178	-19	-63	0	0	-633

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
179	0	0	0	0	-633	
180	9985	3647	8	15	7708	
181	4844	-3995	12	-16	58	
182	3747	-809	13	-17	-14399	
183	7268	19922	8	-15	-27143	
184	14326	46938	4	-7	-31557	
185	17826	59422	3	0	-31372	
186	17826	59422	3	0	-31372	
187	-19	-63	0	0	-633	
188	0	0	0	0	-633	
189	-5655	-14684	-3043	-17297	7690	
190	4318	-9311	-10301	40781	-464	
191	-1481	-3443	-990	14614	-21243	
192	6048	19938	-15	1997	-34103	
193	14186	47292	232	214	-32547	
194	17940	59801	145	0	-32029	
195	17940	59801	145	0	-32029	
196	-19	-63	0	0	-633	
197	0	0	0	0	-633	
198	4719	33866	25	58	-14979	
199	-28735	-39267	36	-39	-70183	
200	-8695	-21645	39	-45	-85226	
201	4122	18310	27	-42	-40452	
202	14084	47701	15	-23	-33697	
203	18052	60174	11	0	-32619	
204	18052	60174	11	0	-32619	
205	-19	-63	0	0	-633	
206	0	0	0	0	-633	
207	-5597	-14678	3938	22357	7675	
208	4390	-9293	13262	-31689	-474	
209	-1438	-3408	1378	-11537	-21247	
210	6086	19993	90	-1654	-34094	
211	14208	47343	-156	-220	-32526	
212	17954	59846	-95	0	-32003	
213	17954	59846	-95	0	-32003	
214	-19	-63	0	0	-633	
215	0	0	0	0	-633	
216	10149	3663	63	175	7677	
217	4995	-3958	88	-76	35	
218	3863	-735	99	-95	-14411	
219	7350	20043	71	-96	-27128	
220	14375	47053	43	-59	-31517	
221	17857	59524	32	0	-31323	
222	17857	59524	32	0	-31323	
223	-19	-63	0	0	-633	
224	0	0	0	0	-633	
225	-5483	-14668	-2980	-17096	7643	
226	4532	-9258	-10213	40687	-501	
227	-1347	-3334	-890	14480	-21269	
228	6171	20123	66	1848	-34096	
229	14264	47483	292	111	-32507	
230	17994	59980	192	0	-31975	
231	17994	59980	192	0	-31975	
232	-19	-63	0	0	-633	
233	0	0	0	0	-633	
234	5029	33894	138	443	-15033	
235	-28514	-39199	192	-122	-70241	
236	-8508	-21491	220	-172	-85277	
237	4300	18585	166	-193	-40464	
238	14206	48006	106	-134	-33668	
239	18142	60474	82	0	-32571	
240	18142	60474	82	0	-32571	
241	-19	-63	0	0	-633	
242	0	0	0	0	-633	
243	-5294	-14653	4092	22921	7583	
244	4769	-9200	13474	-31773	-561	
245	-1185	-3199	1627	-11686	-21339	
246	6339	20390	287	-1851	-34149	
247	14394	47815	-49	-376	-32532	

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
248	18099	60329	-10	0	-31986	
249	18099	60329	-10	0	-31986	
250	-19	-63	0	0	-633	
251	0	0	0	0	-633	
252	10629	3699	265	971	7556	
253	5460	-3844	365	-138	-89	
254	4272	-463	430	-249	-14569	
255	7697	20596	344	-337	-27262	
256	14650	47765	237	-271	-31601	
257	18085	60282	189	0	-31380	
258	18085	60282	189	0	-31380	
259	-19	-63	0	0	-633	
260	0	0	0	0	-633	
261	-5066	-14643	-2779	-16239	7496	
262	5060	-9134	-9942	40708	-673	
263	-947	-3001	-555	14340	-21528	
264	6631	20866	429	1509	-34373	
265	14663	48529	565	-184	-32747	
266	18341	61138	415	0	-32187	
267	18341	61138	415	0	-32187	
268	-19	-63	0	0	-633	
269	0	0	0	0	-633	
270	5530	33914	418	1808	-15160	
271	-28092	-39095	577	54	-70463	
272	-8057	-21124	713	-163	-85685	
273	4880	19533	630	-433	-40987	
274	14763	49500	477	-470	-34200	
275	18660	62201	392	0	-33083	
276	18660	62201	392	0	-33083	
277	-19	-63	0	0	-633	
278	0	0	0	0	-633	
279	-5023	-14695	4387	24465	7449	
280	5143	-9156	13841	-31349	-818	
281	-756	-2866	2168	-11398	-21953	
282	6990	21513	840	-1919	-35078	
283	15139	49888	419	-744	-33587	
284	18853	62843	396	0	-33054	
285	18853	62843	396	0	-33054	
286	-19	-63	0	0	-633	
287	0	0	0	0	-633	
288	10679	3822	333	2248	7673	
289	5445	-3962	708	1067	-300	
290	4502	-325	881	1004	-15451	
291	8271	21789	965	27	-28840	
292	15568	50529	815	-515	-33554	
293	19153	63844	695	0	-33382	
294	19153	63844	695	0	-33382	
295	-19	-63	0	0	-633	
296	0	0	0	0	-633	
297	-6297	-15842	-2534	-15512	7692	
298	4336	-9721	-10463	43748	-787	
299	-1108	-3232	-156	15790	-22868	
300	6636	21799	1084	3459	-37013	
301	15405	51946	1153	430	-36066	
302	19806	66018	886	0	-35848	
303	19806	66018	886	0	-35848	
304	-19	-63	0	0	-633	
305	0	0	0	0	-633	
306	1042	37426	-535	6003	-15348	
307	-29221	-40618	3336	-2270	-73381	
308	-7647	-22555	978	3710	-88851	
309	2609	19667	1656	4054	-43535	
310	13742	53193	516	2754	-39492	
311	20578	68593	175	0	-39343	
312	20578	68593	175	0	-39343	
313	-19	-63	0	0	-633	
314	0	0	0	0	-633	
315	-12696	-17701	4020	30722	4782	
316	-546	-15575	18458	-38247	-8284	

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
317	-3815	-7599	2614	-8862	-32020	
318	1555	20795	1588	2872	-41434	
319	8113	52161	-405	5682	-40316	
320	20716	69052	-1596	0	-41187	
321	20716	69052	-1596	0	-41187	
322	-19	-63	0	0	-632	
323	1	0	0	0	-632	
324	-201	959	6449	23415	19591	
325	2755	-8726	499	-14749	3201	
326	-1095	-5421	3403	-13302	-24783	
327	943	20978	1962	2420	-41306	
328	2532	51668	-2127	6970	-36572	
329	20611	68703	-6675	0	-30660	
330	20611	68703	-6675	0	-30660	
331	-19	-64	-2	0	-633	
332	2	0	-2	-1	-633	

Combinazione n° 4 - STR (A1-M1-R3)

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
1	-152	990	-5058	-18187	19513	
2	-12702	-17695	-3111	-24031	4745	
3	-578	-15582	-14468	49381	-8188	
4	2594	-8753	-333	18956	2995	
5	1001	37425	700	-4537	-14221	
6	-29243	-40584	-2586	2940	-73394	
7	-3764	-7190	-2021	11309	-32223	
8	-619	-5348	-2925	17399	-24389	
9	-7841	-22446	-729	-2966	-88969	
10	-6334	-15835	3265	20097	7682	
11	4275	-9721	13434	-33878	-796	
12	-1149	-3156	311	-12274	-22863	
13	-397	20045	-1151	-3195	-42281	
14	-2864	20230	-1129	-3850	-38524	
15	2577	19659	-1021	-2965	-43625	
16	6624	21763	-798	-2467	-36936	
17	10630	3819	-236	-1608	7674	
18	5397	-3920	-524	-783	-295	
19	4455	-186	-654	-717	-15431	
20	8226	21743	-722	56	-28795	
21	11891	52908	643	-1803	-39971	
22	22943	69120	3373	-549	-37128	
23	14604	53187	-455	-897	-39301	
24	15378	51807	-870	-172	-35908	
25	15523	50423	-613	611	-33494	
26	-5056	-14696	-3417	-19059	7454	
27	5100	-9160	-10816	40400	-810	
28	-761	-2805	-1673	14513	-21938	
29	6950	21471	-635	2405	-35057	
30	15108	49820	-302	921	-33565	
31	20624	68745	343	0	-39831	
32	20384	67948	-152	0	-38961	
33	19750	65835	-680	0	-35667	
34	19111	63704	-520	0	-33318	
35	18830	62766	-287	0	-33033	
36	18830	62766	-287	0	-33033	
37	18830	62766	-287	0	-33033	
38	18830	62766	-287	0	-33033	
39	18830	62766	-287	0	-33033	
40	18830	62766	-287	0	-33033	
41	18830	62766	-287	0	-33033	
42	5493	33913	-306	-1306	-14119	
43	-28120	-39100	-424	-25	-70457	
44	-8082	-21031	-525	183	-85677	
45	4852	19502	-464	526	-40979	
46	14743	49458	-350	588	-34196	
47	18647	62156	-288	0	-33080	

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
48	18647	62156	-288	0	-33080	
49	-19	-64	3	0	-633	
50	-19	-63	0	0	-632	
51	-19	-63	0	0	-633	
52	-19	-63	0	0	-633	
53	-19	-63	0	0	-633	
54	-19	-63	0	0	-633	
55	-19	-63	0	0	-633	
56	-5088	-14644	3560	20921	7500	
57	5033	-9139	12746	-31544	-669	
58	-945	-2952	762	-11231	-21524	
59	6613	20844	-301	-1192	-34372	
60	14651	48504	-423	234	-32749	
61	18334	61113	-309	0	-32191	
62	18334	61113	-309	0	-32191	
63	-19	-63	0	0	-633	
64	1	0	0	1	-632	
65	2	0	3	1	-633	
66	0	0	0	0	-633	
67	0	0	0	0	-633	
68	0	0	0	0	-633	
69	0	0	0	0	-633	
70	0	0	0	0	-633	
71	0	0	0	0	-633	
72	10607	3698	-193	-697	7560	
73	5440	-3809	-266	162	-87	
74	4256	-335	-313	309	-14568	
75	7685	20582	-251	427	-27264	
76	14644	47751	-172	350	-31606	
77	18081	60270	-137	0	-31386	
78	18081	60270	-137	0	-31386	
79	-19	-63	0	0	-633	
80	0	0	0	0	-633	
81	-5305	-14654	-3198	-17845	7586	
82	4754	-9202	-10528	40986	-559	
83	-1185	-3157	-1234	14926	-21339	
84	6331	20381	-210	2369	-34151	
85	14390	47808	67	486	-32537	
86	18097	60324	18	0	-31992	
87	18097	60324	18	0	-31992	
88	-19	-63	0	0	-633	
89	0	0	0	0	-633	
90	5018	33893	-100	-315	-13986	
91	-28521	-39201	-138	152	-70240	
92	-8513	-21414	-159	221	-85277	
93	4296	18580	-120	251	-40467	
94	14204	48002	-76	177	-33672	
95	18142	60472	-59	0	-32576	
96	18142	60472	-59	0	-32576	
97	-19	-63	0	0	-633	
98	0	0	0	0	-633	
99	-5488	-14668	3804	21972	7644	
100	4526	-9259	13075	-31538	-501	
101	-1351	-3297	1168	-11343	-21269	
102	6168	20120	-34	-1453	-34098	
103	14264	47482	-223	-84	-32510	
104	17994	59981	-146	0	-31979	
105	17994	59981	-146	0	-31979	
106	-19	-63	0	0	-633	
107	0	0	0	0	-633	
108	10144	3662	-45	-123	7677	
109	4991	-3927	-63	97	35	
110	3860	-617	-71	125	-14412	
111	7348	20042	-51	127	-27130	
112	14375	47053	-30	80	-31520	
113	17858	59526	-23	0	-31326	
114	17858	59526	-23	0	-31326	
115	-19	-63	0	0	-633	
116	0	0	0	0	-633	

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
117	-5599	-14678	-3086	-17384	7676
118	4388	-9294	-10363	40888	-475
119	-1439	-3374	-1029	14743	-21248
120	6085	19993	-48	2120	-34096
121	14208	47344	198	285	-32528
122	17954	59847	120	0	-32005
123	17954	59847	120	0	-32005
124	-19	-63	0	0	-633
125	0	0	0	0	-633
126	4718	33866	-18	-40	-13930
127	-28735	-39267	-25	51	-70183
128	-8695	-21574	-28	61	-85226
129	4122	18310	-19	57	-40453
130	14084	47702	-10	32	-33698
131	18053	60175	-8	0	-32620
132	18053	60175	-8	0	-32620
133	-19	-63	0	0	-633
134	0	0	0	0	-633
135	-5656	-14684	3882	22222	7690
136	4317	-9311	13184	-31608	-464
137	-1482	-3410	1291	-11441	-21243
138	6048	19938	34	-1564	-34104
139	14186	47293	-180	-168	-32548
140	17941	59802	-113	0	-32030
141	17941	59802	-113	0	-32030
142	-19	-63	0	0	-633
143	0	0	0	0	-633
144	9985	3647	-6	-10	7708
145	4843	-3966	-8	21	58
146	3747	-694	-9	24	-14399
147	7268	19923	-6	21	-27143
148	14327	46938	-3	11	-31557
149	17827	59422	-2	0	-31373
150	17827	59422	-2	0	-31373
151	-19	-63	0	0	-633
152	0	0	0	0	-633
153	-5679	-14686	-3058	-17302	7696
154	4288	-9318	-10322	40826	-460
155	-1499	-3424	-980	14665	-21243
156	6034	19919	-13	2043	-34109
157	14179	47277	222	238	-32558
158	17937	59790	138	0	-32042
159	17937	59790	138	0	-32042
160	-19	-63	0	0	-633
161	0	0	0	0	-633
162	4652	33860	0	0	-13920
163	-28780	-39281	0	0	-70175
164	-8731	-21604	0	0	-85225
165	4092	18267	0	0	-40463
166	14068	47666	0	0	-33719
167	18044	60146	0	0	-32645
168	18044	60146	0	0	-32645
169	-19	-63	0	0	-633
170	0	0	0	0	-633
171	-5679	-14686	3901	22259	7696
172	4288	-9318	13210	-31641	-460
173	-1498	-3424	1320	-11478	-21242
174	6034	19918	48	-1597	-34109
175	14179	47277	-173	-186	-32558
176	17937	59790	-108	0	-32042
177	17937	59790	-108	0	-32042
178	-19	-63	0	0	-633
179	0	0	0	0	-633
180	9985	3647	8	15	7708
181	4844	-3966	12	-16	58
182	3747	-694	13	-17	-14399
183	7268	19922	8	-15	-27143
184	14326	46938	4	-7	-31557
185	17826	59422	3	0	-31372

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
186	17826	59422	3	0	-31372
187	-19	-63	0	0	-633
188	0	0	0	0	-633
189	-5655	-14684	-3043	-17270	7690
190	4318	-9311	-10301	40781	-464
191	-1481	-3410	-956	14614	-21243
192	6048	19938	3	1997	-34103
193	14186	47292	232	214	-32547
194	17940	59801	145	0	-32029
195	17940	59801	145	0	-32029
196	-19	-63	0	0	-633
197	0	0	0	0	-633
198	4719	33866	25	58	-13930
199	-28735	-39267	36	-39	-70183
200	-8695	-21573	39	-45	-85226
201	4122	18310	27	-42	-40452
202	14084	47701	15	-23	-33697
203	18052	60174	11	0	-32619
204	18052	60174	11	0	-32619
205	-19	-63	0	0	-633
206	0	0	0	0	-633
207	-5597	-14678	3938	22357	7675
208	4390	-9293	13262	-31689	-474
209	-1438	-3373	1378	-11537	-21247
210	6086	19993	90	-1654	-34094
211	14208	47343	-156	-220	-32526
212	17954	59846	-95	0	-32003
213	17954	59846	-95	0	-32003
214	-19	-63	0	0	-633
215	0	0	0	0	-633
216	10149	3663	63	175	7677
217	4995	-3926	88	-76	35
218	3863	-616	99	-95	-14411
219	7350	20043	71	-96	-27128
220	14375	47053	43	-59	-31517
221	17857	59524	32	0	-31323
222	17857	59524	32	0	-31323
223	-19	-63	0	0	-633
224	0	0	0	0	-633
225	-5483	-14668	-2980	-17055	7643
226	4532	-9258	-10213	40687	-501
227	-1347	-3295	-849	14480	-21269
228	6171	20123	83	1848	-34096
229	14264	47483	292	111	-32507
230	17994	59980	192	0	-31975
231	17994	59980	192	0	-31975
232	-19	-63	0	0	-633
233	0	0	0	0	-633
234	5029	33894	138	443	-13987
235	-28514	-39199	192	-122	-70241
236	-8508	-21410	220	-172	-85277
237	4300	18585	166	-193	-40464
238	14206	48006	106	-134	-33668
239	18142	60474	82	0	-32571
240	18142	60474	82	0	-32571
241	-19	-63	0	0	-633
242	0	0	0	0	-633
243	-5294	-14653	4092	22921	7583
244	4769	-9200	13474	-31773	-561
245	-1177	-3151	1627	-11686	-21339
246	6339	20390	287	-1851	-34149
247	14394	47815	-47	-376	-32532
248	18099	60329	-7	0	-31986
249	18099	60329	-7	0	-31986
250	-19	-63	0	0	-633
251	0	0	0	0	-633
252	10629	3699	265	971	7556
253	5460	-3805	365	-138	-89
254	4272	-326	430	-249	-14569

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
255	7697	20596	344	-337	-27262
256	14650	47765	237	-271	-31601
257	18085	60282	189	0	-31380
258	18085	60282	189	0	-31380
259	-19	-63	0	0	-633
260	0	0	0	0	-633
261	-5066	-14643	-2779	-16142	7496
262	5060	-9134	-9942	40708	-673
263	-926	-2941	-495	14340	-21528
264	6631	20866	429	1509	-34373
265	14663	48529	565	-184	-32747
266	18341	61138	415	0	-32187
267	18341	61138	415	0	-32187
268	-19	-63	0	0	-633
269	0	0	0	0	-633
270	5530	33914	418	1808	-14124
271	-28092	-39095	577	54	-70463
272	-8057	-21017	713	-163	-85685
273	4880	19533	630	-433	-40987
274	14763	49500	477	-470	-34200
275	18660	62201	392	0	-33083
276	18660	62201	392	0	-33083
277	-19	-63	0	0	-633
278	0	0	0	0	-633
279	-5023	-14695	4387	24465	7449
280	5143	-9156	13841	-31349	-818
281	-728	-2790	2168	-11398	-21953
282	6990	21513	840	-1919	-35078
283	15139	49888	419	-744	-33587
284	18853	62843	396	0	-33054
285	18853	62843	396	0	-33054
286	-19	-63	0	0	-633
287	0	0	0	0	-633
288	10679	3822	333	2248	7673
289	5445	-3917	708	1067	-300
290	4502	-174	881	1004	-15451
291	8271	21789	965	27	-28840
292	15568	50529	815	-515	-33554
293	19153	63844	695	0	-33382
294	19153	63844	695	0	-33382
295	-19	-63	0	0	-633
296	0	0	0	0	-633
297	-6297	-15842	-2534	-15303	7692
298	4336	-9721	-10463	43748	-787
299	-1103	-3150	-71	15790	-22868
300	6636	21799	1084	3459	-37013
301	15405	51946	1153	430	-36066
302	19806	66018	886	0	-35848
303	19806	66018	886	0	-35848
304	-19	-63	0	0	-633
305	0	0	0	0	-633
306	1042	37426	-503	6003	-14252
307	-29221	-40618	3336	-2270	-73381
308	-7647	-22431	978	3710	-88851
309	2609	19667	1656	4054	-43535
310	13742	53193	516	2754	-39492
311	20578	68593	175	0	-39343
312	20578	68593	175	0	-39343
313	-19	-63	0	0	-633
314	0	0	0	0	-633
315	-12696	-17701	4020	30722	4782
316	-546	-15575	18458	-38247	-8284
317	-3815	-7556	2614	-8862	-32020
318	1555	20795	1588	2872	-41434
319	8113	52161	-405	5682	-40316
320	20716	69052	-1596	0	-41187
321	20716	69052	-1596	0	-41187
322	-19	-63	0	0	-632
323	1	0	0	0	-632

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
324	-201	959	6449	23415	19591	
325	2755	-8726	499	-14749	3201	
326	-1095	-5333	3403	-13302	-24783	
327	943	20978	1962	2420	-41306	
328	2532	51668	-2127	6970	-36572	
329	20611	68703	-6675	0	-30292	
330	20611	68703	-6675	0	-30292	
331	-19	-64	-2	0	-633	
332	2	0	-2	-1	-633	

Combinazione n° 5 - STR (A1-M1-R3)

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
1	-152	990	-5058	-18187	19513	
2	-12702	-17695	-3111	-24031	4745	
3	-578	-15582	-14468	49381	-8188	
4	2594	-8753	-333	18956	2995	
5	1001	37425	700	-4537	-14221	
6	-29243	-40584	-2586	2940	-73394	
7	-3764	-7190	-2021	11309	-32223	
8	-619	-5348	-2925	17399	-24389	
9	-7841	-22446	-729	-2966	-88969	
10	-6334	-15835	3265	20097	7682	
11	4275	-9721	13434	-33878	-796	
12	-1149	-3156	311	-12274	-22863	
13	-397	20045	-1151	-3195	-42281	
14	-2864	20230	-1129	-3850	-38524	
15	2577	19659	-1021	-2965	-43625	
16	6624	21763	-798	-2467	-36936	
17	10630	3819	-236	-1608	7674	
18	5397	-3920	-524	-783	-295	
19	4455	-186	-654	-717	-15431	
20	8226	21743	-722	56	-28795	
21	11891	52908	643	-1803	-39971	
22	22943	69120	3373	-549	-37128	
23	14604	53187	-455	-897	-39301	
24	15378	51807	-870	-172	-35908	
25	15523	50423	-613	611	-33494	
26	-5056	-14696	-3417	-19059	7454	
27	5100	-9160	-10816	40400	-810	
28	-761	-2805	-1673	14513	-21938	
29	6950	21471	-635	2405	-35057	
30	15108	49820	-302	921	-33565	
31	20624	68745	343	0	-39831	
32	20384	67948	-152	0	-38961	
33	19750	65835	-680	0	-35667	
34	19111	63704	-520	0	-33318	
35	18830	62766	-287	0	-33033	
36	18830	62766	-287	0	-33033	
37	18830	62766	-287	0	-33033	
38	18830	62766	-287	0	-33033	
39	18830	62766	-287	0	-33033	
40	18830	62766	-287	0	-33033	
41	18830	62766	-287	0	-33033	
42	5493	33913	-306	-1306	-14119	
43	-28120	-39100	-424	-25	-70457	
44	-8082	-21031	-525	183	-85677	
45	4852	19502	-464	526	-40979	
46	14743	49458	-350	588	-34196	
47	18647	62156	-288	0	-33080	
48	18647	62156	-288	0	-33080	
49	-19	-64	3	0	-633	
50	-19	-63	0	0	-632	
51	-19	-63	0	0	-633	
52	-19	-63	0	0	-633	
53	-19	-63	0	0	-633	
54	-19	-63	0	0	-633	

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
55	-19	-63	0	0	-633	
56	-5088	-14644	3560	20921	7500	
57	5033	-9139	12746	-31544	-669	
58	-945	-2952	762	-11231	-21524	
59	6613	20844	-301	-1192	-34372	
60	14651	48504	-423	234	-32749	
61	18334	61113	-309	0	-32191	
62	18334	61113	-309	0	-32191	
63	-19	-63	0	0	-633	
64	1	0	0	1	-632	
65	2	0	3	1	-633	
66	0	0	0	0	-633	
67	0	0	0	0	-633	
68	0	0	0	0	-633	
69	0	0	0	0	-633	
70	0	0	0	0	-633	
71	0	0	0	0	-633	
72	10607	3698	-193	-697	7560	
73	5440	-3809	-266	162	-87	
74	4256	-335	-313	309	-14568	
75	7685	20582	-251	427	-27264	
76	14644	47751	-172	350	-31606	
77	18081	60270	-137	0	-31386	
78	18081	60270	-137	0	-31386	
79	-19	-63	0	0	-633	
80	0	0	0	0	-633	
81	-5305	-14654	-3198	-17845	7586	
82	4754	-9202	-10528	40986	-559	
83	-1185	-3157	-1234	14926	-21339	
84	6331	20381	-210	2369	-34151	
85	14390	47808	67	486	-32537	
86	18097	60324	18	0	-31992	
87	18097	60324	18	0	-31992	
88	-19	-63	0	0	-633	
89	0	0	0	0	-633	
90	5018	33893	-100	-315	-13986	
91	-28521	-39201	-138	152	-70240	
92	-8513	-21414	-159	221	-85277	
93	4296	18580	-120	251	-40467	
94	14204	48002	-76	177	-33672	
95	18142	60472	-59	0	-32576	
96	18142	60472	-59	0	-32576	
97	-19	-63	0	0	-633	
98	0	0	0	0	-633	
99	-5488	-14668	3804	21972	7644	
100	4526	-9259	13075	-31538	-501	
101	-1351	-3297	1168	-11343	-21269	
102	6168	20120	-34	-1453	-34098	
103	14264	47482	-223	-84	-32510	
104	17994	59981	-146	0	-31979	
105	17994	59981	-146	0	-31979	
106	-19	-63	0	0	-633	
107	0	0	0	0	-633	
108	10144	3662	-45	-123	7677	
109	4991	-3927	-63	97	35	
110	3860	-617	-71	125	-14412	
111	7348	20042	-51	127	-27130	
112	14375	47053	-30	80	-31520	
113	17858	59526	-23	0	-31326	
114	17858	59526	-23	0	-31326	
115	-19	-63	0	0	-633	
116	0	0	0	0	-633	
117	-5599	-14678	-3086	-17384	7676	
118	4388	-9294	-10363	40888	-475	
119	-1439	-3374	-1029	14743	-21248	
120	6085	19993	-48	2120	-34096	
121	14208	47344	198	285	-32528	
122	17954	59847	120	0	-32005	
123	17954	59847	120	0	-32005	

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
124	-19	-63	0	0	-633	
125	0	0	0	0	-633	
126	4718	33866	-18	-40	-13930	
127	-28735	-39267	-25	51	-70183	
128	-8695	-21574	-28	61	-85226	
129	4122	18310	-19	57	-40453	
130	14084	47702	-10	32	-33698	
131	18053	60175	-8	0	-32620	
132	18053	60175	-8	0	-32620	
133	-19	-63	0	0	-633	
134	0	0	0	0	-633	
135	-5656	-14684	3882	22222	7690	
136	4317	-9311	13184	-31608	-464	
137	-1482	-3410	1291	-11441	-21243	
138	6048	19938	34	-1564	-34104	
139	14186	47293	-180	-168	-32548	
140	17941	59802	-113	0	-32030	
141	17941	59802	-113	0	-32030	
142	-19	-63	0	0	-633	
143	0	0	0	0	-633	
144	9985	3647	-6	-10	7708	
145	4843	-3966	-8	21	58	
146	3747	-694	-9	24	-14399	
147	7268	19923	-6	21	-27143	
148	14327	46938	-3	11	-31557	
149	17827	59422	-2	0	-31373	
150	17827	59422	-2	0	-31373	
151	-19	-63	0	0	-633	
152	0	0	0	0	-633	
153	-5679	-14686	-3058	-17302	7696	
154	4288	-9318	-10322	40826	-460	
155	-1499	-3424	-980	14665	-21243	
156	6034	19919	-13	2043	-34109	
157	14179	47277	222	238	-32558	
158	17937	59790	138	0	-32042	
159	17937	59790	138	0	-32042	
160	-19	-63	0	0	-633	
161	0	0	0	0	-633	
162	4652	33860	0	0	-13920	
163	-28780	-39281	0	0	-70175	
164	-8731	-21604	0	0	-85225	
165	4092	18267	0	0	-40463	
166	14068	47666	0	0	-33719	
167	18044	60146	0	0	-32645	
168	18044	60146	0	0	-32645	
169	-19	-63	0	0	-633	
170	0	0	0	0	-633	
171	-5679	-14686	3901	22259	7696	
172	4288	-9318	13210	-31641	-460	
173	-1498	-3424	1320	-11478	-21242	
174	6034	19918	48	-1597	-34109	
175	14179	47277	-173	-186	-32558	
176	17937	59790	-108	0	-32042	
177	17937	59790	-108	0	-32042	
178	-19	-63	0	0	-633	
179	0	0	0	0	-633	
180	9985	3647	8	15	7708	
181	4844	-3966	12	-16	58	
182	3747	-694	13	-17	-14399	
183	7268	19922	8	-15	-27143	
184	14326	46938	4	-7	-31557	
185	17826	59422	3	0	-31372	
186	17826	59422	3	0	-31372	
187	-19	-63	0	0	-633	
188	0	0	0	0	-633	
189	-5655	-14684	-3043	-17270	7690	
190	4318	-9311	-10301	40781	-464	
191	-1481	-3410	-956	14614	-21243	
192	6048	19938	3	1997	-34103	

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
193	14186	47292	232	214	-32547	
194	17940	59801	145	0	-32029	
195	17940	59801	145	0	-32029	
196	-19	-63	0	0	-633	
197	0	0	0	0	-633	
198	4719	33866	25	58	-13930	
199	-28735	-39267	36	-39	-70183	
200	-8695	-21573	39	-45	-85226	
201	4122	18310	27	-42	-40452	
202	14084	47701	15	-23	-33697	
203	18052	60174	11	0	-32619	
204	18052	60174	11	0	-32619	
205	-19	-63	0	0	-633	
206	0	0	0	0	-633	
207	-5597	-14678	3938	22357	7675	
208	4390	-9293	13262	-31689	-474	
209	-1438	-3373	1378	-11537	-21247	
210	6086	19993	90	-1654	-34094	
211	14208	47343	-156	-220	-32526	
212	17954	59846	-95	0	-32003	
213	17954	59846	-95	0	-32003	
214	-19	-63	0	0	-633	
215	0	0	0	0	-633	
216	10149	3663	63	175	7677	
217	4995	-3926	88	-76	35	
218	3863	-616	99	-95	-14411	
219	7350	20043	71	-96	-27128	
220	14375	47053	43	-59	-31517	
221	17857	59524	32	0	-31323	
222	17857	59524	32	0	-31323	
223	-19	-63	0	0	-633	
224	0	0	0	0	-633	
225	-5483	-14668	-2980	-17055	7643	
226	4532	-9258	-10213	40687	-501	
227	-1347	-3295	-849	14480	-21269	
228	6171	20123	83	1848	-34096	
229	14264	47483	292	111	-32507	
230	17994	59980	192	0	-31975	
231	17994	59980	192	0	-31975	
232	-19	-63	0	0	-633	
233	0	0	0	0	-633	
234	5029	33894	138	443	-13987	
235	-28514	-39199	192	-122	-70241	
236	-8508	-21410	220	-172	-85277	
237	4300	18585	166	-193	-40464	
238	14206	48006	106	-134	-33668	
239	18142	60474	82	0	-32571	
240	18142	60474	82	0	-32571	
241	-19	-63	0	0	-633	
242	0	0	0	0	-633	
243	-5294	-14653	4092	22921	7583	
244	4769	-9200	13474	-31773	-561	
245	-1177	-3151	1627	-11686	-21339	
246	6339	20390	287	-1851	-34149	
247	14394	47815	-47	-376	-32532	
248	18099	60329	-7	0	-31986	
249	18099	60329	-7	0	-31986	
250	-19	-63	0	0	-633	
251	0	0	0	0	-633	
252	10629	3699	265	971	7556	
253	5460	-3805	365	-138	-89	
254	4272	-326	430	-249	-14569	
255	7697	20596	344	-337	-27262	
256	14650	47765	237	-271	-31601	
257	18085	60282	189	0	-31380	
258	18085	60282	189	0	-31380	
259	-19	-63	0	0	-633	
260	0	0	0	0	-633	
261	-5066	-14643	-2779	-16142	7496	

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
262	5060	-9134	-9942	40708	-673	
263	-926	-2941	-495	14340	-21528	
264	6631	20866	429	1509	-34373	
265	14663	48529	565	-184	-32747	
266	18341	61138	415	0	-32187	
267	18341	61138	415	0	-32187	
268	-19	-63	0	0	-633	
269	0	0	0	0	-633	
270	5530	33914	418	1808	-14124	
271	-28092	-39095	577	54	-70463	
272	-8057	-21017	713	-163	-85685	
273	4880	19533	630	-433	-40987	
274	14763	49500	477	-470	-34200	
275	18660	62201	392	0	-33083	
276	18660	62201	392	0	-33083	
277	-19	-63	0	0	-633	
278	0	0	0	0	-633	
279	-5023	-14695	4387	24465	7449	
280	5143	-9156	13841	-31349	-818	
281	-728	-2790	2168	-11398	-21953	
282	6990	21513	840	-1919	-35078	
283	15139	49888	419	-744	-33587	
284	18853	62843	396	0	-33054	
285	18853	62843	396	0	-33054	
286	-19	-63	0	0	-633	
287	0	0	0	0	-633	
288	10679	3822	333	2248	7673	
289	5445	-3917	708	1067	-300	
290	4502	-174	881	1004	-15451	
291	8271	21789	965	27	-28840	
292	15568	50529	815	-515	-33554	
293	19153	63844	695	0	-33382	
294	19153	63844	695	0	-33382	
295	-19	-63	0	0	-633	
296	0	0	0	0	-633	
297	-6297	-15842	-2534	-15303	7692	
298	4336	-9721	-10463	43748	-787	
299	-1103	-3150	-71	15790	-22868	
300	6636	21799	1084	3459	-37013	
301	15405	51946	1153	430	-36066	
302	19806	66018	886	0	-35848	
303	19806	66018	886	0	-35848	
304	-19	-63	0	0	-633	
305	0	0	0	0	-633	
306	1042	37426	-503	6003	-14252	
307	-29221	-40618	3336	-2270	-73381	
308	-7647	-22431	978	3710	-88851	
309	2609	19667	1656	4054	-43535	
310	13742	53193	516	2754	-39492	
311	20578	68593	175	0	-39343	
312	20578	68593	175	0	-39343	
313	-19	-63	0	0	-633	
314	0	0	0	0	-633	
315	-12696	-17701	4020	30722	4782	
316	-546	-15575	18458	-38247	-8284	
317	-3815	-7556	2614	-8862	-32020	
318	1555	20795	1588	2872	-41434	
319	8113	52161	-405	5682	-40316	
320	20716	69052	-1596	0	-41187	
321	20716	69052	-1596	0	-41187	
322	-19	-63	0	0	-632	
323	1	0	0	0	-632	
324	-201	959	6449	23415	19591	
325	2755	-8726	499	-14749	3201	
326	-1095	-5333	3403	-13302	-24783	
327	943	20978	1962	2420	-41306	
328	2532	51668	-2127	6970	-36572	
329	20611	68703	-6675	0	-30292	
330	20611	68703	-6675	0	-30292	

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
331	-19	-64	-2	0	-633	
332	2	0	-2	-1	-633	

Combinazione n° 6 - STR (A1-M1-R3)

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
1	-152	990	-5058	-18154	19513	
2	-12702	-17695	-3111	-24031	4745	
3	-578	-15582	-14468	49381	-8188	
4	2594	-8753	-333	18956	2995	
5	1001	37425	700	-4537	-14139	
6	-29243	-40584	-2586	2940	-73394	
7	-3764	-7140	-2021	11309	-32223	
8	-619	-5300	-2925	17399	-24389	
9	-7841	-22367	-729	-2966	-88969	
10	-6334	-15835	3265	20097	7682	
11	4275	-9721	13434	-33878	-796	
12	-1142	-3113	311	-12274	-22863	
13	-395	20045	-1151	-3195	-42281	
14	-2864	20230	-1129	-3850	-38524	
15	2577	19659	-1021	-2965	-43625	
16	6624	21763	-798	-2467	-36936	
17	10630	3819	-236	-1608	7674	
18	5397	-3902	-524	-783	-295	
19	4455	-142	-654	-717	-15431	
20	8226	21743	-722	56	-28795	
21	11891	52908	643	-1803	-39971	
22	22943	69120	3373	-549	-37128	
23	14604	53187	-455	-897	-39301	
24	15378	51807	-870	-172	-35908	
25	15523	50423	-613	611	-33494	
26	-5056	-14696	-3417	-19059	7454	
27	5100	-9160	-10816	40400	-810	
28	-749	-2762	-1673	14513	-21938	
29	6950	21471	-635	2405	-35057	
30	15108	49820	-302	921	-33565	
31	20624	68745	343	0	-39831	
32	20384	67948	-152	0	-38961	
33	19750	65835	-680	0	-35667	
34	19111	63704	-520	0	-33318	
35	18830	62766	-287	0	-33033	
36	18830	62766	-287	0	-33033	
37	18830	62766	-287	0	-33033	
38	18830	62766	-287	0	-33033	
39	18830	62766	-287	0	-33033	
40	18830	62766	-287	0	-33033	
41	18830	62766	-287	0	-33033	
42	5493	33913	-306	-1306	-14043	
43	-28120	-39100	-424	-25	-70457	
44	-8082	-20955	-525	183	-85677	
45	4852	19502	-464	526	-40979	
46	14743	49458	-350	588	-34196	
47	18647	62156	-288	0	-33080	
48	18647	62156	-288	0	-33080	
49	-19	-64	3	0	-633	
50	-19	-63	0	0	-632	
51	-19	-63	0	0	-633	
52	-19	-63	0	0	-633	
53	-19	-63	0	0	-633	
54	-19	-63	0	0	-633	
55	-19	-63	0	0	-633	
56	-5088	-14644	3560	20921	7500	
57	5033	-9139	12746	-31544	-669	
58	-932	-2909	762	-11231	-21524	
59	6613	20844	-301	-1192	-34372	
60	14651	48504	-423	234	-32749	
61	18334	61113	-309	0	-32191	

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
62	18334	61113	-309	0	-32191	
63	-19	-63	0	0	-633	
64	1	0	0	1	-632	
65	2	0	3	1	-633	
66	0	0	0	0	-633	
67	0	0	0	0	-633	
68	0	0	0	0	-633	
69	0	0	0	0	-633	
70	0	0	0	0	-633	
71	0	0	0	0	-633	
72	10607	3698	-193	-697	7560	
73	5440	-3792	-266	162	-87	
74	4256	-291	-313	309	-14568	
75	7685	20582	-251	427	-27264	
76	14644	47751	-172	350	-31606	
77	18081	60270	-137	0	-31386	
78	18081	60270	-137	0	-31386	
79	-19	-63	0	0	-633	
80	0	0	0	0	-633	
81	-5305	-14654	-3198	-17826	7586	
82	4754	-9202	-10528	40986	-559	
83	-1172	-3114	-1231	14926	-21339	
84	6331	20381	-210	2369	-34151	
85	14390	47808	67	486	-32537	
86	18097	60324	18	0	-31992	
87	18097	60324	18	0	-31992	
88	-19	-63	0	0	-633	
89	0	0	0	0	-633	
90	5018	33893	-100	-315	-13909	
91	-28521	-39201	-138	152	-70240	
92	-8513	-21339	-159	221	-85277	
93	4296	18580	-120	251	-40467	
94	14204	48002	-76	177	-33672	
95	18142	60472	-59	0	-32576	
96	18142	60472	-59	0	-32576	
97	-19	-63	0	0	-633	
98	0	0	0	0	-633	
99	-5488	-14668	3804	21972	7644	
100	4526	-9259	13075	-31538	-501	
101	-1338	-3255	1168	-11343	-21269	
102	6168	20120	-34	-1453	-34098	
103	14264	47482	-223	-84	-32510	
104	17994	59981	-146	0	-31979	
105	17994	59981	-146	0	-31979	
106	-19	-63	0	0	-633	
107	0	0	0	0	-633	
108	10144	3662	-45	-123	7677	
109	4991	-3909	-63	97	35	
110	3860	-574	-71	125	-14412	
111	7348	20042	-51	127	-27130	
112	14375	47053	-30	80	-31520	
113	17858	59526	-23	0	-31326	
114	17858	59526	-23	0	-31326	
115	-19	-63	0	0	-633	
116	0	0	0	0	-633	
117	-5599	-14678	-3086	-17354	7676	
118	4388	-9294	-10363	40888	-475	
119	-1432	-3332	-1025	14743	-21248	
120	6085	19993	-47	2120	-34096	
121	14208	47344	198	285	-32528	
122	17954	59847	120	0	-32005	
123	17954	59847	120	0	-32005	
124	-19	-63	0	0	-633	
125	0	0	0	0	-633	
126	4718	33866	-18	-40	-13853	
127	-28735	-39267	-25	51	-70183	
128	-8695	-21499	-28	61	-85226	
129	4122	18310	-19	57	-40453	
130	14084	47702	-10	32	-33698	

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
131	18053	60175	-8	0	-32620
132	18053	60175	-8	0	-32620
133	-19	-63	0	0	-633
134	0	0	0	0	-633
135	-5656	-14684	3882	22222	7690
136	4317	-9311	13184	-31608	-464
137	-1477	-3368	1291	-11441	-21243
138	6048	19938	34	-1564	-34104
139	14186	47293	-180	-168	-32548
140	17941	59802	-113	0	-32030
141	17941	59802	-113	0	-32030
142	-19	-63	0	0	-633
143	0	0	0	0	-633
144	9985	3647	-6	-10	7708
145	4843	-3949	-8	21	58
146	3747	-652	-9	24	-14399
147	7268	19923	-6	21	-27143
148	14327	46938	-3	11	-31557
149	17827	59422	-2	0	-31373
150	17827	59422	-2	0	-31373
151	-19	-63	0	0	-633
152	0	0	0	0	-633
153	-5679	-14686	-3058	-17271	7696
154	4288	-9318	-10322	40826	-460
155	-1495	-3382	-977	14665	-21243
156	6034	19919	-12	2043	-34109
157	14179	47277	222	238	-32558
158	17937	59790	138	0	-32042
159	17937	59790	138	0	-32042
160	-19	-63	0	0	-633
161	0	0	0	0	-633
162	4652	33860	0	0	-13843
163	-28780	-39281	0	0	-70175
164	-8731	-21529	0	0	-85225
165	4092	18267	0	0	-40463
166	14068	47666	0	0	-33719
167	18044	60146	0	0	-32645
168	18044	60146	0	0	-32645
169	-19	-63	0	0	-633
170	0	0	0	0	-633
171	-5679	-14686	3901	22259	7696
172	4288	-9318	13210	-31641	-460
173	-1495	-3382	1320	-11478	-21242
174	6034	19918	48	-1597	-34109
175	14179	47277	-173	-186	-32558
176	17937	59790	-108	0	-32042
177	17937	59790	-108	0	-32042
178	-19	-63	0	0	-633
179	0	0	0	0	-633
180	9985	3647	8	15	7708
181	4844	-3949	12	-16	58
182	3747	-652	13	-17	-14399
183	7268	19922	8	-15	-27143
184	14326	46938	4	-7	-31557
185	17826	59422	3	0	-31372
186	17826	59422	3	0	-31372
187	-19	-63	0	0	-633
188	0	0	0	0	-633
189	-5655	-14684	-3043	-17239	7690
190	4318	-9311	-10301	40781	-464
191	-1477	-3368	-952	14614	-21243
192	6048	19938	4	1997	-34103
193	14186	47292	232	214	-32547
194	17940	59801	145	0	-32029
195	17940	59801	145	0	-32029
196	-19	-63	0	0	-633
197	0	0	0	0	-633
198	4719	33866	25	58	-13853
199	-28735	-39267	36	-39	-70183

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
200	-8695	-21499	39	-45	-85226
201	4122	18310	27	-42	-40452
202	14084	47701	15	-23	-33697
203	18052	60174	11	0	-32619
204	18052	60174	11	0	-32619
205	-19	-63	0	0	-633
206	0	0	0	0	-633
207	-5597	-14678	3938	22357	7675
208	4390	-9293	13262	-31689	-474
209	-1430	-3331	1378	-11537	-21247
210	6086	19993	90	-1654	-34094
211	14208	47343	-156	-220	-32526
212	17954	59846	-95	0	-32003
213	17954	59846	-95	0	-32003
214	-19	-63	0	0	-633
215	0	0	0	0	-633
216	10149	3663	63	175	7677
217	4995	-3909	88	-76	35
218	3863	-573	99	-95	-14411
219	7350	20043	71	-96	-27128
220	14375	47053	43	-59	-31517
221	17857	59524	32	0	-31323
222	17857	59524	32	0	-31323
223	-19	-63	0	0	-633
224	0	0	0	0	-633
225	-5483	-14668	-2980	-17023	7643
226	4532	-9258	-10213	40687	-501
227	-1335	-3253	-845	14480	-21269
228	6171	20123	85	1848	-34096
229	14264	47483	292	111	-32507
230	17994	59980	192	0	-31975
231	17994	59980	192	0	-31975
232	-19	-63	0	0	-633
233	0	0	0	0	-633
234	5029	33894	138	443	-13910
235	-28514	-39199	192	-122	-70241
236	-8508	-21335	220	-172	-85277
237	4300	18585	166	-193	-40464
238	14206	48006	106	-134	-33668
239	18142	60474	82	0	-32571
240	18142	60474	82	0	-32571
241	-19	-63	0	0	-633
242	0	0	0	0	-633
243	-5294	-14653	4092	22921	7583
244	4769	-9200	13474	-31773	-561
245	-1164	-3108	1627	-11686	-21339
246	6339	20390	287	-1851	-34149
247	14394	47815	-46	-376	-32532
248	18099	60329	-6	0	-31986
249	18099	60329	-6	0	-31986
250	-19	-63	0	0	-633
251	0	0	0	0	-633
252	10629	3699	265	971	7556
253	5460	-3788	365	-138	-89
254	4272	-283	430	-249	-14569
255	7697	20596	344	-337	-27262
256	14650	47765	237	-271	-31601
257	18085	60282	189	0	-31380
258	18085	60282	189	0	-31380
259	-19	-63	0	0	-633
260	0	0	0	0	-633
261	-5066	-14643	-2779	-16107	7496
262	5060	-9134	-9942	40708	-673
263	-913	-2897	-490	14340	-21528
264	6631	20866	429	1509	-34373
265	14663	48529	565	-184	-32747
266	18341	61138	415	0	-32187
267	18341	61138	415	0	-32187
268	-19	-63	0	0	-633

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
269	0	0	0	0	-633	
270	5530	33914	418	1808	-14047	
271	-28092	-39095	577	54	-70463	
272	-8057	-20941	713	-163	-85685	
273	4880	19533	630	-433	-40987	
274	14763	49500	477	-470	-34200	
275	18660	62201	392	0	-33083	
276	18660	62201	392	0	-33083	
277	-19	-63	0	0	-633	
278	0	0	0	0	-633	
279	-5023	-14695	4387	24465	7449	
280	5143	-9156	13841	-31349	-818	
281	-716	-2747	2168	-11398	-21953	
282	6990	21513	840	-1919	-35078	
283	15139	49888	419	-744	-33587	
284	18853	62843	396	0	-33054	
285	18853	62843	396	0	-33054	
286	-19	-63	0	0	-633	
287	0	0	0	0	-633	
288	10679	3822	333	2248	7673	
289	5445	-3900	708	1067	-300	
290	4502	-130	881	1004	-15451	
291	8271	21789	965	27	-28840	
292	15568	50529	815	-515	-33554	
293	19153	63844	695	0	-33382	
294	19153	63844	695	0	-33382	
295	-19	-63	0	0	-633	
296	0	0	0	0	-633	
297	-6297	-15842	-2534	-15264	7692	
298	4336	-9721	-10463	43748	-787	
299	-1095	-3107	-66	15790	-22868	
300	6636	21799	1084	3459	-37013	
301	15405	51946	1153	430	-36066	
302	19806	66018	886	0	-35848	
303	19806	66018	886	0	-35848	
304	-19	-63	0	0	-633	
305	0	0	0	0	-633	
306	1042	37426	-499	6003	-14170	
307	-29221	-40618	3336	-2270	-73381	
308	-7647	-22352	978	3710	-88851	
309	2609	19667	1656	4054	-43535	
310	13742	53193	516	2754	-39492	
311	20578	68593	175	0	-39343	
312	20578	68593	175	0	-39343	
313	-19	-63	0	0	-633	
314	0	0	0	0	-633	
315	-12696	-17701	4020	30722	4782	
316	-546	-15575	18458	-38247	-8284	
317	-3815	-7507	2614	-8862	-32020	
318	1555	20795	1588	2872	-41434	
319	8113	52161	-405	5682	-40316	
320	20716	69052	-1596	0	-41187	
321	20716	69052	-1596	0	-41187	
322	-19	-63	0	0	-632	
323	1	0	0	0	-632	
324	-201	959	6449	23415	19591	
325	2755	-8726	499	-14749	3201	
326	-1095	-5285	3403	-13302	-24783	
327	943	20978	1962	2420	-41306	
328	2532	51668	-2127	6970	-36572	
329	20611	68703	-6675	0	-30268	
330	20611	68703	-6675	0	-30268	
331	-19	-64	-2	0	-633	
332	2	0	-2	-1	-633	

Combinazione n° 13 - SLER

In	Mx	My	Mxy	Tx	Ty	

	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
1	-122	990	-2926	-10446	19513	
2	-7513	-10269	-1833	-13929	4745	
3	-326	-9146	-8322	49381	-4727	
4	2594	-5175	-194	18956	2995	
5	1001	37425	700	-2911	-8017	
6	-17578	-24042	-1517	2940	-42032	
7	-2260	-4683	-1143	11309	-18401	
8	-383	-3618	-1639	17399	-13751	
9	-4554	-13387	-460	-1767	-51492	
10	-3674	-9188	3265	20097	7682	
11	4275	-5718	13434	-20375	-441	
12	-744	-2355	311	-7130	-12859	
13	-235	20045	-688	-1721	-23614	
14	-1550	20230	-650	-2076	-21437	
15	2577	19659	-641	-1645	-24321	
16	6624	21763	-521	-1389	-20430	
17	10630	3819	-166	-1071	7674	
18	5397	-2383	-340	-463	-52	
19	4455	-142	-422	-400	-8476	
20	8226	21743	-453	71	-15659	
21	11891	52908	643	-1005	-21737	
22	22943	69120	3373	-411	-20237	
23	14604	53187	-339	-461	-21259	
24	15378	51807	-541	-46	-19241	
25	15523	50423	-379	611	-17816	
26	-2917	-8527	-1999	-10915	7454	
27	5100	-5395	-6236	40400	-424	
28	-585	-2167	-962	14513	-12283	
29	6950	21471	-377	2405	-19295	
30	15108	49820	-191	921	-17841	
31	20624	68745	343	0	-21450	
32	20384	67948	-152	0	-20811	
33	19750	65835	-426	0	-18856	
34	19111	63704	-321	0	-17468	
35	18830	62766	-180	0	-17291	
36	18830	62766	-180	0	-17291	
37	18830	62766	-180	0	-17291	
38	18830	62766	-180	0	-17291	
39	18830	62766	-180	0	-17291	
40	18830	62766	-180	0	-17291	
41	18830	62766	-180	0	-17291	
42	5493	33913	-195	-828	-7929	
43	-16871	-23162	-269	-7	-40312	
44	-4804	-12593	-331	183	-49489	
45	4852	19502	-290	526	-22686	
46	14743	49458	-217	588	-18200	
47	18647	62156	-178	0	-17311	
48	18647	62156	-178	0	-17311	
49	-19	-64	3	0	-633	
50	-19	-63	0	0	-632	
51	-19	-63	0	0	-633	
52	-19	-63	0	0	-633	
53	-19	-63	0	0	-633	
54	-19	-63	0	0	-633	
55	-19	-63	0	0	-633	
56	-2947	-8498	3560	20921	7500	
57	5033	-5388	12746	-18961	-332	
58	-709	-2256	762	-6522	-12027	
59	6613	20844	-209	-682	-18881	
60	14651	48504	-258	234	-17353	
61	18334	61113	-188	0	-16788	
62	18334	61113	-188	0	-16788	
63	-19	-63	0	0	-633	
64	1	0	0	1	-632	
65	2	0	3	1	-633	
66	0	0	0	0	-633	
67	0	0	0	0	-633	
68	0	0	0	0	-633	
69	0	0	0	0	-633	
70	0	0	0	0	-633	

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
71	0	0	0	0	-633
72	10607	3698	-121	-438	7560
73	5440	-2325	-167	162	92
74	4256	-291	-196	309	-7939
75	7685	20582	-156	427	-14733
76	14644	47751	-107	350	-16687
77	18081	60270	-85	0	-16316
78	18081	60270	-85	0	-16316
79	-19	-63	0	0	-633
80	0	0	0	0	-633
81	-3086	-8505	-1856	-10190	7586
82	4754	-5428	-6056	40986	-263
83	-850	-2372	-702	14926	-11912
84	6331	20381	-116	2369	-18747
85	14390	47808	67	486	-17225
86	18097	60324	18	0	-16669
87	18097	60324	18	0	-16669
88	-19	-63	0	0	-633
89	0	0	0	0	-633
90	5018	33893	-62	-197	-7854
91	-17128	-23230	-87	152	-40175
92	-5072	-12812	-99	221	-49242
93	4296	18580	-74	251	-22376
94	14204	48002	-47	177	-17886
95	18142	60472	-37	0	-17010
96	18142	60472	-37	0	-17010
97	-19	-63	0	0	-633
98	0	0	0	0	-633
99	-3201	-8514	3804	21972	7644
100	4526	-5462	13075	-18962	-226
101	-943	-2450	1168	-6597	-11869
102	6168	20120	-34	-845	-18715
103	14264	47482	-134	-51	-17210
104	17994	59981	-87	0	-16662
105	17994	59981	-87	0	-16662
106	-19	-63	0	0	-633
107	0	0	0	0	-633
108	10144	3662	-28	-77	7677
109	4991	-2391	-39	97	168
110	3860	-574	-44	125	-7843
111	7348	20042	-32	127	-14652
112	14375	47053	-19	80	-16636
113	17858	59526	-14	0	-16281
114	17858	59526	-14	0	-16281
115	-19	-63	0	0	-633
116	0	0	0	0	-633
117	-3270	-8520	-1785	-9935	7676
118	4388	-5482	-5959	40888	-210
119	-995	-2492	-589	14743	-11856
120	6085	19993	-27	2120	-18714
121	14208	47344	198	285	-17221
122	17954	59847	120	0	-16679
123	17954	59847	120	0	-16679
124	-19	-63	0	0	-633
125	0	0	0	0	-633
126	4718	33866	-11	-25	-7823
127	-17262	-23271	-16	51	-40139
128	-5179	-12899	-17	61	-49211
129	4122	18310	-12	57	-22368
130	14084	47702	-6	32	-17903
131	18053	60175	-5	0	-17038
132	18053	60175	-5	0	-17038
133	-19	-63	0	0	-633
134	0	0	0	0	-633
135	-3306	-8524	3882	22222	7690
136	4317	-5492	13184	-19006	-203
137	-1020	-2511	1291	-6658	-11853
138	6048	19938	34	-912	-18719
139	14186	47293	-107	-98	-17234

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
140	17941	59802	-67	0	-16694	
141	17941	59802	-67	0	-16694	
142	-19	-63	0	0	-633	
143	0	0	0	0	-633	
144	9985	3647	-4	-6	7708	
145	4843	-2412	-5	21	182	
146	3747	-652	-6	24	-7835	
147	7268	19923	-4	21	-14660	
148	14327	46938	-2	11	-16659	
149	17827	59422	-1	0	-16310	
150	17827	59422	-1	0	-16310	
151	-19	-63	0	0	-633	
152	0	0	0	0	-633	
153	-3320	-8525	-1769	-9893	7696	
154	4288	-5496	-5936	40826	-201	
155	-1029	-2519	-563	14665	-11853	
156	6034	19919	-9	2043	-18722	
157	14179	47277	222	238	-17240	
158	17937	59790	138	0	-16702	
159	17937	59790	138	0	-16702	
160	-19	-63	0	0	-633	
161	0	0	0	0	-633	
162	4652	33860	0	0	-7818	
163	-17290	-23280	0	0	-40134	
164	-5200	-12915	0	0	-49210	
165	4092	18267	0	0	-22374	
166	14068	47666	0	0	-17916	
167	18044	60146	0	0	-17053	
168	18044	60146	0	0	-17053	
169	-19	-63	0	0	-633	
170	0	0	0	0	-633	
171	-3320	-8525	3901	22259	7696	
172	4288	-5496	13210	-19026	-201	
173	-1029	-2519	1320	-6682	-11853	
174	6034	19918	48	-933	-18722	
175	14179	47277	-103	-108	-17240	
176	17937	59790	-64	0	-16702	
177	17937	59790	-64	0	-16702	
178	-19	-63	0	0	-633	
179	0	0	0	0	-633	
180	9985	3647	8	15	7708	
181	4844	-2412	12	-10	182	
182	3747	-652	13	-11	-7835	
183	7268	19922	8	-9	-14660	
184	14326	46938	4	-5	-16659	
185	17826	59422	3	0	-16310	
186	17826	59422	3	0	-16310	
187	-19	-63	0	0	-633	
188	0	0	0	0	-633	
189	-3305	-8524	-1761	-9878	7690	
190	4318	-5492	-5925	40781	-203	
191	-1020	-2511	-550	14614	-11853	
192	6048	19938	4	1997	-18719	
193	14186	47292	232	214	-17233	
194	17940	59801	145	0	-16694	
195	17940	59801	145	0	-16694	
196	-19	-63	0	0	-633	
197	0	0	0	0	-633	
198	4719	33866	25	58	-7823	
199	-17261	-23271	36	-24	-40139	
200	-5179	-12899	39	-28	-49210	
201	4122	18310	27	-26	-22367	
202	14084	47701	15	-14	-17903	
203	18052	60174	11	0	-17037	
204	18052	60174	11	0	-17037	
205	-19	-63	0	0	-633	
206	0	0	0	0	-633	
207	-3269	-8520	3938	22357	7675	
208	4390	-5482	13262	-19056	-210	

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
209	-994	-2491	1378	-6718	-11855
210	6086	19993	90	-969	-18713
211	14208	47343	-92	-129	-17220
212	17954	59846	-56	0	-16678
213	17954	59846	-56	0	-16678
214	-19	-63	0	0	-633
215	0	0	0	0	-633
216	10149	3663	63	175	7677
217	4995	-2390	88	-47	168
218	3863	-573	99	-59	-7842
219	7350	20043	71	-60	-14651
220	14375	47053	43	-37	-16635
221	17857	59524	32	0	-16280
222	17857	59524	32	0	-16280
223	-19	-63	0	0	-633
224	0	0	0	0	-633
225	-3198	-8514	-1724	-9764	7643
226	4532	-5461	-5874	40687	-227
227	-942	-2449	-492	14480	-11869
228	6171	20123	85	1848	-18714
229	14264	47483	292	111	-17208
230	17994	59980	192	0	-16660
231	17994	59980	192	0	-16660
232	-19	-63	0	0	-633
233	0	0	0	0	-633
234	5029	33894	138	443	-7854
235	-17124	-23229	192	-76	-40175
236	-5069	-12810	220	-108	-49242
237	4300	18585	166	-120	-22374
238	14206	48006	106	-83	-17884
239	18142	60474	82	0	-17007
240	18142	60474	82	0	-17007
241	-19	-63	0	0	-633
242	0	0	0	0	-633
243	-3080	-8504	4092	22921	7583
244	4769	-5426	13474	-19109	-264
245	-845	-2369	1627	-6812	-11913
246	6339	20390	287	-1091	-18746
247	14394	47815	-30	-226	-17222
248	18099	60329	-6	0	-16666
249	18099	60329	-6	0	-16666
250	-19	-63	0	0	-633
251	0	0	0	0	-633
252	10629	3699	265	971	7556
253	5460	-2322	365	-88	90
254	4272	-283	430	-157	-7940
255	7697	20596	344	-210	-14732
256	14650	47765	237	-168	-16684
257	18085	60282	189	0	-16312
258	18085	60282	189	0	-16312
259	-19	-63	0	0	-633
260	0	0	0	0	-633
261	-2935	-8497	-1604	-9263	7496
262	5060	-5385	-5711	40708	-334
263	-699	-2249	-293	14340	-12029
264	6631	20866	429	1509	-18882
265	14663	48529	565	-122	-17351
266	18341	61138	415	0	-16786
267	18341	61138	415	0	-16786
268	-19	-63	0	0	-633
269	0	0	0	0	-633
270	5530	33914	418	1808	-7931
271	-16856	-23159	577	54	-40316
272	-4790	-12586	713	-116	-49494
273	4880	19533	630	-276	-22691
274	14763	49500	477	-292	-18203
275	18660	62201	392	0	-17312
276	18660	62201	392	0	-17312
277	-19	-63	0	0	-633

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
278	0	0	0	0	-633	
279	-2898	-8526	4387	24465	7449	
280	5143	-5392	13841	-18859	-429	
281	-567	-2159	2168	-6652	-12292	
282	6990	21513	840	-1150	-19308	
283	15139	49888	419	-458	-17854	
284	18853	62843	396	0	-17303	
285	18853	62843	396	0	-17303	
286	-19	-63	0	0	-633	
287	0	0	0	0	-633	
288	10679	3822	333	2248	7673	
289	5445	-2381	708	1067	-55	
290	4502	-130	881	1004	-8487	
291	8271	21789	965	27	-15685	
292	15568	50529	815	-339	-17850	
293	19153	63844	695	0	-17504	
294	19153	63844	695	0	-17504	
295	-19	-63	0	0	-633	
296	0	0	0	0	-633	
297	-3653	-9193	-1452	-8780	7692	
298	4336	-5718	-5996	43748	-437	
299	-717	-2352	-39	15790	-12862	
300	6636	21799	1084	3459	-20474	
301	15405	51946	1153	430	-19329	
302	19806	66018	886	0	-18958	
303	19806	66018	886	0	-18958	
304	-19	-63	0	0	-633	
305	0	0	0	0	-633	
306	1042	37426	-294	6003	-8033	
307	-17566	-24061	3336	-1338	-42025	
308	-4449	-13380	978	3710	-51428	
309	2609	19667	1656	4054	-24274	
310	13742	53193	516	2754	-21362	
311	20578	68593	175	0	-21016	
312	20578	68593	175	0	-21016	
313	-19	-63	0	0	-633	
314	0	0	0	0	-633	
315	-7510	-10273	4020	30722	4782	
316	-309	-9142	18458	-22939	-4778	
317	-2289	-4877	2614	-5137	-18292	
318	1555	20795	1588	2872	-23159	
319	8113	52161	-178	5682	-21903	
320	20716	69052	-835	0	-22146	
321	20716	69052	-835	0	-22146	
322	-19	-63	0	0	-632	
323	1	0	0	0	-632	
324	-148	959	6449	23415	19591	
325	2755	-5162	499	-8742	3201	
326	-630	-3608	3403	-7734	-13955	
327	943	20978	1962	2420	-23047	
328	2532	51668	-1141	6970	-20000	
329	20611	68703	-3639	0	-16502	
330	20611	68703	-3639	0	-16502	
331	-19	-64	-2	0	-633	
332	2	0	-2	-1	-633	

Combinazione n° 14 - SLEF

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
1	-98	990	-2211	-7868	19513	
2	-5723	-7793	-1395	-10569	4745	
3	-233	-7005	-6278	49381	-3390	
4	2594	-3985	-136	18956	2995	
5	1001	37425	700	-2291	-5588	
6	-13476	-18434	-1152	2940	-31547	
7	-1740	-3832	-851	11309	-13497	
8	-304	-3012	-1204	17399	-9872	

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
9	-3460	-10331	-357	-1316	-38628	
10	-2757	-6971	3265	20097	7682	
11	4275	-4386	13434	-15630	-125	
12	-607	-2061	311	-5381	-9234	
13	-175	20045	-535	-1158	-17075	
14	-1066	20230	-491	-1408	-15506	
15	2577	19659	-515	-1148	-17573	
16	6624	21763	-419	-996	-14600	
17	10630	3819	-133	-834	7674	
18	5397	-1856	-269	-339	201	
19	4455	-142	-334	-278	-5882	
20	8226	21743	-356	89	-10965	
21	11891	52908	643	-688	-15353	
22	22943	69120	3373	-365	-14435	
23	14604	53187	-301	-286	-14903	
24	15378	51807	-432	13	-13344	
25	15523	50423	-297	611	-12262	
26	-2195	-6467	-1520	-8206	7454	
27	5100	-4142	-4713	40400	-98	
28	-517	-1929	-725	14513	-8777	
29	6950	21471	-288	2405	-13726	
30	15108	49820	-149	921	-12285	
31	20624	68745	343	0	-15015	
32	20384	67948	-152	0	-14408	
33	19750	65835	-342	0	-12904	
34	19111	63704	-251	0	-11853	
35	18830	62766	-140	0	-11727	
36	18830	62766	-140	0	-11727	
37	18830	62766	-140	0	-11727	
38	18830	62766	-140	0	-11727	
39	18830	62766	-140	0	-11727	
40	18830	62766	-140	0	-11727	
41	18830	62766	-140	0	-11727	
42	5493	33913	-151	-632	-5524	
43	-12957	-17760	-209	4	-30218	
44	-3714	-9751	-257	183	-37057	
45	4852	19502	-224	526	-16290	
46	14743	49458	-167	588	-12562	
47	18647	62156	-136	0	-11747	
48	18647	62156	-136	0	-11747	
49	-19	-64	3	0	-633	
50	-19	-63	0	0	-632	
51	-19	-63	0	0	-633	
52	-19	-63	0	0	-633	
53	-19	-63	0	0	-633	
54	-19	-63	0	0	-633	
55	-19	-63	0	0	-633	
56	-2232	-6446	3560	20921	7500	
57	5033	-4140	12746	-14549	-25	
58	-624	-2003	762	-4945	-8580	
59	6613	20844	-165	-512	-13414	
60	14651	48504	-197	234	-11922	
61	18334	61113	-144	0	-11355	
62	18334	61113	-144	0	-11355	
63	-19	-63	0	0	-633	
64	1	0	0	1	-632	
65	2	0	3	1	-633	
66	0	0	0	0	-633	
67	0	0	0	0	-633	
68	0	0	0	0	-633	
69	0	0	0	0	-633	
70	0	0	0	0	-633	
71	0	0	0	0	-633	
72	10607	3698	-93	-331	7560	
73	5440	-1818	-128	162	318	
74	4256	-291	-150	309	-5468	
75	7685	20582	-119	427	-10264	
76	14644	47751	-81	350	-11419	
77	18081	60270	-64	0	-10999	

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
78	18081	60270	-64	0	-10999	
79	-19	-63	0	0	-633	
80	0	0	0	0	-633	
81	-2345	-6452	-1406	-7643	7586	
82	4754	-4172	-4569	40986	28	
83	-735	-2094	-519	14926	-8494	
84	6331	20381	-83	2369	-13316	
85	14390	47808	67	486	-11830	
86	18097	60324	18	0	-11270	
87	18097	60324	18	0	-11270	
88	-19	-63	0	0	-633	
89	0	0	0	0	-633	
90	5018	33893	-47	-147	-5465	
91	-13165	-17814	-66	152	-30112	
92	-3927	-9922	-75	221	-36872	
93	4296	18580	-56	251	-16060	
94	14204	48002	-36	177	-12333	
95	18142	60472	-27	0	-11530	
96	18142	60472	-27	0	-11530	
97	-19	-63	0	0	-633	
98	0	0	0	0	-633	
99	-2434	-6459	3804	21972	7644	
100	4526	-4198	13075	-14556	55	
101	-808	-2154	1168	-5009	-8462	
102	6168	20120	-34	-642	-13293	
103	14264	47482	-102	-39	-11821	
104	17994	59981	-66	0	-11268	
105	17994	59981	-66	0	-11268	
106	-19	-63	0	0	-633	
107	0	0	0	0	-633	
108	10144	3662	-21	-56	7677	
109	4991	-1869	-29	97	376	
110	3860	-574	-33	125	-5396	
111	7348	20042	-24	127	-10206	
112	14375	47053	-14	80	-11386	
113	17858	59526	-10	0	-10979	
114	17858	59526	-10	0	-10979	
115	-19	-63	0	0	-633	
116	0	0	0	0	-633	
117	-2488	-6464	-1352	-7451	7676	
118	4388	-4214	-4495	40888	68	
119	-847	-2186	-432	14743	-8453	
120	6085	19993	-15	2120	-13293	
121	14208	47344	198	285	-11831	
122	17954	59847	120	0	-11282	
123	17954	59847	120	0	-11282	
124	-19	-63	0	0	-633	
125	0	0	0	0	-633	
126	4718	33866	-8	-18	-5442	
127	-13268	-17846	-12	51	-30086	
128	-4009	-9989	-13	61	-36849	
129	4122	18310	-9	57	-16056	
130	14084	47702	-5	32	-12349	
131	18053	60175	-3	0	-11554	
132	18053	60175	-3	0	-11554	
133	-19	-63	0	0	-633	
134	0	0	0	0	-633	
135	-2515	-6467	3882	22222	7690	
136	4317	-4221	13184	-14590	72	
137	-866	-2201	1291	-5056	-8451	
138	6048	19938	34	-694	-13297	
139	14186	47293	-82	-74	-11840	
140	17941	59802	-51	0	-11294	
141	17941	59802	-51	0	-11294	
142	-19	-63	0	0	-633	
143	0	0	0	0	-633	
144	9985	3647	-3	-4	7708	
145	4843	-1885	-4	21	387	
146	3747	-652	-4	24	-5391	

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
147	7268	19923	-3	21	-10214	
148	14327	46938	-1	11	-11405	
149	17827	59422	-1	0	-11002	
150	17827	59422	-1	0	-11002	
151	-19	-63	0	0	-633	
152	0	0	0	0	-633	
153	-2525	-6468	-1340	-7420	7696	
154	4288	-4224	-4477	40826	74	
155	-873	-2206	-413	14665	-8451	
156	6034	19919	-2	2043	-13300	
157	14179	47277	222	238	-11846	
158	17937	59790	138	0	-11300	
159	17937	59790	138	0	-11300	
160	-19	-63	0	0	-633	
161	0	0	0	0	-633	
162	4652	33860	0	0	-5438	
163	-13289	-17853	0	0	-30082	
164	-4025	-10001	0	0	-36848	
165	4092	18267	0	0	-16061	
166	14068	47666	0	0	-12359	
167	18044	60146	0	0	-11566	
168	18044	60146	0	0	-11566	
169	-19	-63	0	0	-633	
170	0	0	0	0	-633	
171	-2525	-6468	3901	22259	7696	
172	4288	-4224	13210	-14606	74	
173	-873	-2206	1320	-5074	-8451	
174	6034	19918	48	-709	-13300	
175	14179	47277	-79	-82	-11845	
176	17937	59790	-49	0	-11300	
177	17937	59790	-49	0	-11300	
178	-19	-63	0	0	-633	
179	0	0	0	0	-633	
180	9985	3647	8	15	7708	
181	4844	-1885	12	-7	387	
182	3747	-652	13	-8	-5391	
183	7268	19922	8	-7	-10213	
184	14326	46938	4	-3	-11405	
185	17826	59422	3	0	-11002	
186	17826	59422	3	0	-11002	
187	-19	-63	0	0	-633	
188	0	0	0	0	-633	
189	-2514	-6467	-1334	-7409	7690	
190	4318	-4221	-4469	40781	73	
191	-866	-2201	-404	14614	-8451	
192	6048	19938	5	1997	-13297	
193	14186	47292	232	214	-11840	
194	17940	59801	145	0	-11293	
195	17940	59801	145	0	-11293	
196	-19	-63	0	0	-633	
197	0	0	0	0	-633	
198	4719	33866	25	58	-5442	
199	-13268	-17846	36	-18	-30086	
200	-4009	-9989	39	-21	-36848	
201	4122	18310	27	-20	-16056	
202	14084	47701	15	-11	-12348	
203	18052	60174	11	0	-11554	
204	18052	60174	11	0	-11554	
205	-19	-63	0	0	-633	
206	0	0	0	0	-633	
207	-2487	-6464	3938	22357	7675	
208	4390	-4214	13262	-14629	68	
209	-847	-2186	1378	-5102	-8453	
210	6086	19993	90	-736	-13293	
211	14208	47343	-71	-98	-11830	
212	17954	59846	-43	0	-11281	
213	17954	59846	-43	0	-11281	
214	-19	-63	0	0	-633	
215	0	0	0	0	-633	

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
216	10149	3663	63	175	7677
217	4995	-1869	88	-36	376
218	3863	-573	99	-45	-5396
219	7350	20043	71	-45	-10205
220	14375	47053	43	-27	-11385
221	17857	59524	32	0	-10978
222	17857	59524	32	0	-10978
223	-19	-63	0	0	-633
224	0	0	0	0	-633
225	-2432	-6459	-1306	-7324	7643
226	4532	-4198	-4430	40687	55
227	-806	-2153	-360	14480	-8462
228	6171	20123	85	1848	-13292
229	14264	47483	292	111	-11819
230	17994	59980	192	0	-11266
231	17994	59980	192	0	-11266
232	-19	-63	0	0	-633
233	0	0	0	0	-633
234	5029	33894	138	443	-5466
235	-13162	-17814	192	-60	-30113
236	-3925	-9921	220	-83	-36871
237	4300	18585	166	-92	-16059
238	14206	48006	106	-63	-12332
239	18142	60474	82	0	-11528
240	18142	60474	82	0	-11528
241	-19	-63	0	0	-633
242	0	0	0	0	-633
243	-2340	-6451	4092	22921	7583
244	4769	-4171	13474	-14672	27
245	-732	-2092	1627	-5175	-8494
246	6339	20390	287	-831	-13315
247	14394	47815	-24	-172	-11828
248	18099	60329	-6	0	-11268
249	18099	60329	-6	0	-11268
250	-19	-63	0	0	-633
251	0	0	0	0	-633
252	10629	3699	265	971	7556
253	5460	-1816	365	-72	317
254	4272	-283	430	-124	-5468
255	7697	20596	344	-163	-10264
256	14650	47765	237	-129	-11417
257	18085	60282	189	0	-10996
258	18085	60282	189	0	-10996
259	-19	-63	0	0	-633
260	0	0	0	0	-633
261	-2223	-6446	-1214	-6942	7496
262	5060	-4138	-4304	40708	-27
263	-616	-1999	-205	14340	-8582
264	6631	20866	429	1509	-13415
265	14663	48529	565	-95	-11921
266	18341	61138	415	0	-11353
267	18341	61138	415	0	-11353
268	-19	-63	0	0	-633
269	0	0	0	0	-633
270	5530	33914	418	1808	-5526
271	-12945	-17757	577	54	-30221
272	-3703	-9745	713	-100	-37061
273	4880	19533	630	-220	-16293
274	14763	49500	477	-228	-12564
275	18660	62201	392	0	-11748
276	18660	62201	392	0	-11748
277	-19	-63	0	0	-633
278	0	0	0	0	-633
279	-2181	-6467	4387	24465	7449
280	5143	-4140	13841	-14491	-102
281	-504	-1923	2168	-5069	-8783
282	6990	21513	840	-894	-13735
283	15139	49888	419	-359	-12294
284	18853	62843	396	0	-11735

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
285	18853	62843	396	0	-11735	
286	-19	-63	0	0	-633	
287	0	0	0	0	-633	
288	10679	3822	333	2248	7673	
289	5445	-1855	708	1067	199	
290	4502	-130	881	1004	-5891	
291	8271	21789	965	27	-10983	
292	15568	50529	815	-280	-12286	
293	19153	63844	695	0	-11879	
294	19153	63844	695	0	-11879	
295	-19	-63	0	0	-633	
296	0	0	0	0	-633	
297	-2742	-6974	-1092	-6541	7692	
298	4336	-4387	-4510	43748	-122	
299	-587	-2058	0	15790	-9237	
300	6636	21799	1084	3459	-14631	
301	15405	51946	1153	430	-13407	
302	19806	66018	886	0	-12975	
303	19806	66018	886	0	-12975	
304	-19	-63	0	0	-633	
305	0	0	0	0	-633	
306	1042	37426	-214	6003	-5599	
307	-13467	-18448	3336	-1022	-31541	
308	-3385	-10327	978	3710	-38585	
309	2609	19667	1656	4054	-17542	
310	13742	53193	516	2754	-14973	
311	20578	68593	175	0	-14548	
312	20578	68593	175	0	-14548	
313	-19	-63	0	0	-633	
314	0	0	0	0	-633	
315	-5721	-7796	4020	30722	4782	
316	-220	-7002	18458	-17588	-3425	
317	-1759	-3971	2614	-3898	-13422	
318	1555	20795	1588	2872	-16767	
319	8113	52161	-69	5682	-15459	
320	20716	69052	-527	0	-15479	
321	20716	69052	-527	0	-15479	
322	-19	-63	0	0	-632	
323	1	0	0	0	-632	
324	-117	959	6449	23415	19591	
325	2755	-3976	499	-6669	3201	
326	-475	-3004	3403	-5878	-10004	
327	943	20978	1962	2420	-16699	
328	2532	51668	-748	6970	-14386	
329	20611	68703	-2490	0	-11782	
330	20611	68703	-2490	0	-11782	
331	-19	-64	-2	0	-633	
332	2	0	-2	-1	-633	

Combinazione n° 15 - SLEQ

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
1	-91	990	-1837	-6474	19513	
2	-4807	-6496	-1170	-8792	4745	
3	-188	-5858	-5197	49381	-2759	
4	2594	-3333	-110	18956	2995	
5	1001	37425	700	-1995	-4169	
6	-11406	-15529	-963	2940	-26061	
7	-1474	-3292	-697	11309	-11037	
8	-260	-2601	-978	17399	-7964	
9	-2878	-8597	-308	-1099	-32023	
10	-2288	-5809	3265	20097	7682	
11	4275	-3657	13434	-13234	-34	
12	-521	-1819	311	-4477	-7443	
13	-141	20045	-451	-890	-13766	
14	-830	20230	-405	-1087	-12486	
15	2577	19659	-447	-909	-14153	

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
16	6624	21763	-370	-803	-11667
17	10630	3819	-120	-732	7674
18	5397	-1549	-235	-281	269
19	4455	-142	-292	-221	-4626
20	8226	21743	-308	93	-8622
21	11891	52908	643	-541	-12121
22	22943	69120	3373	-334	-11458
23	14604	53187	-275	-206	-11699
24	15378	51807	-374	37	-10381
25	15523	50423	-256	611	-9473
26	-1819	-5389	-1271	-6766	7454
27	5100	-3454	-3907	40400	-2
28	-457	-1716	-599	14513	-7047
29	6950	21471	-243	2405	-10925
30	15108	49820	-128	921	-9490
31	20624	68745	343	0	-11757
32	20384	67948	-152	0	-11184
33	19750	65835	-297	0	-9914
34	19111	63704	-216	0	-9035
35	18830	62766	-120	0	-8929
36	18830	62766	-120	0	-8929
37	18830	62766	-120	0	-8929
38	18830	62766	-120	0	-8929
39	18830	62766	-120	0	-8929
40	18830	62766	-120	0	-8929
41	18830	62766	-120	0	-8929
42	5493	33913	-131	-543	-4129
43	-10966	-14961	-181	8	-24943
44	-3111	-8131	-222	183	-30679
45	4852	19502	-192	526	-13049
46	14743	49458	-142	588	-9721
47	18647	62156	-116	0	-8946
48	18647	62156	-116	0	-8946
49	-19	-64	3	0	-633
50	-19	-63	0	0	-632
51	-19	-63	0	0	-633
52	-19	-63	0	0	-633
53	-19	-63	0	0	-633
54	-19	-63	0	0	-633
55	-19	-63	0	0	-633
56	-1858	-5372	3560	20921	7500
57	5033	-3455	12746	-12318	62
58	-553	-1783	762	-4121	-6879
59	6613	20844	-147	-422	-10662
60	14651	48504	-167	234	-9187
61	18334	61113	-122	0	-8619
62	18334	61113	-122	0	-8619
63	-19	-63	0	0	-633
64	1	0	0	1	-632
65	2	0	3	1	-633
66	0	0	0	0	-633
67	0	0	0	0	-633
68	0	0	0	0	-633
69	0	0	0	0	-633
70	0	0	0	0	-633
71	0	0	0	0	-633
72	10607	3698	-80	-282	7560
73	5440	-1520	-110	162	374
74	4256	-291	-129	309	-4271
75	7685	20582	-102	427	-8031
76	14644	47751	-69	350	-8769
77	18081	60270	-55	0	-8322
78	18081	60270	-55	0	-8322
79	-19	-63	0	0	-633
80	0	0	0	0	-633
81	-1957	-5377	-1171	-6276	7586
82	4754	-3483	-3780	40986	108
83	-649	-1862	-419	14926	-6806
84	6331	20381	-65	2369	-10580

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
85	14390	47808	67	486	-9111	
86	18097	60324	18	0	-8549	
87	18097	60324	18	0	-8549	
88	-19	-63	0	0	-633	
89	0	0	0	0	-633	
90	5018	33893	-40	-125	-4078	
91	-11150	-15010	-56	152	-24852	
92	-3297	-8281	-64	221	-30521	
93	4296	18580	-48	251	-12856	
94	14204	48002	-30	177	-9532	
95	18142	60472	-23	0	-8767	
96	18142	60472	-23	0	-8767	
97	-19	-63	0	0	-633	
98	0	0	0	0	-633	
99	-2034	-5383	3804	21972	7644	
100	4526	-3505	13075	-12327	131	
101	-712	-1914	1168	-4178	-6779	
102	6168	20120	-34	-535	-10561	
103	14264	47482	-86	-32	-9104	
104	17994	59981	-56	0	-8548	
105	17994	59981	-56	0	-8548	
106	-19	-63	0	0	-633	
107	0	0	0	0	-633	
108	10144	3662	-18	-48	7677	
109	4991	-1565	-25	97	423	
110	3860	-574	-28	125	-4210	
111	7348	20042	-20	127	-7983	
112	14375	47053	-12	80	-8743	
113	17858	59526	-9	0	-8307	
114	17858	59526	-9	0	-8307	
115	-19	-63	0	0	-633	
116	0	0	0	0	-633	
117	-2080	-5387	-1125	-6112	7676	
118	4388	-3519	-3716	40888	142	
119	-745	-1941	-344	14743	-6771	
120	6085	19993	-7	2120	-10562	
121	14208	47344	198	285	-9113	
122	17954	59847	120	0	-8561	
123	17954	59847	120	0	-8561	
124	-19	-63	0	0	-633	
125	0	0	0	0	-633	
126	4718	33866	-7	-15	-4058	
127	-11238	-15037	-10	51	-24829	
128	-3367	-8338	-11	61	-30502	
129	4122	18310	-7	57	-12853	
130	14084	47702	-4	32	-9546	
131	18053	60175	-3	0	-8788	
132	18053	60175	-3	0	-8788	
133	-19	-63	0	0	-633	
134	0	0	0	0	-633	
135	-2103	-5390	3882	22222	7690	
136	4317	-3525	13184	-12356	146	
137	-761	-1954	1291	-4219	-6770	
138	6048	19938	34	-580	-10565	
139	14186	47293	-69	-62	-9121	
140	17941	59802	-43	0	-8571	
141	17941	59802	-43	0	-8571	
142	-19	-63	0	0	-633	
143	0	0	0	0	-633	
144	9985	3647	-2	-4	7708	
145	4843	-1579	-3	21	432	
146	3747	-652	-3	24	-4206	
147	7268	19923	-2	21	-7990	
148	14327	46938	-1	11	-8759	
149	17827	59422	-1	0	-8327	
150	17827	59422	-1	0	-8327	
151	-19	-63	0	0	-633	
152	0	0	0	0	-633	
153	-2112	-5390	-1114	-6086	7696	

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
154	4288	-3528	-3701	40826	147
155	-767	-1959	-328	14665	-6770
156	6034	19919	4	2043	-10568
157	14179	47277	222	238	-9126
158	17937	59790	138	0	-8576
159	17937	59790	138	0	-8576
160	-19	-63	0	0	-633
161	0	0	0	0	-633
162	4652	33860	0	0	-4055
163	-11256	-15042	0	0	-24826
164	-3380	-8348	0	0	-30501
165	4092	18267	0	0	-12858
166	14068	47666	0	0	-9555
167	18044	60146	0	0	-8799
168	18044	60146	0	0	-8799
169	-19	-63	0	0	-633
170	0	0	0	0	-633
171	-2112	-5390	3901	22259	7696
172	4288	-3528	13210	-12369	147
173	-767	-1959	1320	-4234	-6770
174	6034	19918	48	-593	-10568
175	14179	47277	-66	-68	-9126
176	17937	59790	-41	0	-8576
177	17937	59790	-41	0	-8576
178	-19	-63	0	0	-633
179	0	0	0	0	-633
180	9985	3647	8	15	7708
181	4844	-1579	12	-6	432
182	3747	-652	13	-7	-4206
183	7268	19922	8	-6	-7990
184	14326	46938	4	-3	-8759
185	17826	59422	3	0	-8327
186	17826	59422	3	0	-8327
187	-19	-63	0	0	-633
188	0	0	0	0	-633
189	-2102	-5390	-1109	-6077	7690
190	4318	-3525	-3694	40781	146
191	-761	-1954	-320	14614	-6770
192	6048	19938	9	1997	-10565
193	14186	47292	232	214	-9121
194	17940	59801	145	0	-8571
195	17940	59801	145	0	-8571
196	-19	-63	0	0	-633
197	0	0	0	0	-633
198	4719	33866	25	58	-4058
199	-11238	-15037	36	-16	-24829
200	-3367	-8338	39	-18	-30501
201	4122	18310	27	-17	-12853
202	14084	47701	15	-9	-9545
203	18052	60174	11	0	-8788
204	18052	60174	11	0	-8788
205	-19	-63	0	0	-633
206	0	0	0	0	-633
207	-2079	-5387	3938	22357	7675
208	4390	-3518	13262	-12389	142
209	-745	-1941	1378	-4258	-6771
210	6086	19993	90	-616	-10561
211	14208	47343	-60	-82	-9112
212	17954	59846	-36	0	-8560
213	17954	59846	-36	0	-8560
214	-19	-63	0	0	-633
215	0	0	0	0	-633
216	10149	3663	63	175	7677
217	4995	-1565	88	-31	423
218	3863	-573	99	-39	-4210
219	7350	20043	71	-38	-7983
220	14375	47053	43	-23	-8742
221	17857	59524	32	0	-8306
222	17857	59524	32	0	-8306

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
223	-19	-63	0	0	-633
224	0	0	0	0	-633
225	-2032	-5383	-1086	-6005	7643
226	4532	-3505	-3661	40687	131
227	-710	-1913	-283	14480	-6779
228	6171	20123	85	1848	-10560
229	14264	47483	292	111	-9103
230	17994	59980	192	0	-8547
231	17994	59980	192	0	-8547
232	-19	-63	0	0	-633
233	0	0	0	0	-633
234	5029	33894	138	443	-4078
235	-11147	-15009	192	-51	-24852
236	-3295	-8280	220	-71	-30521
237	4300	18585	166	-79	-12855
238	14206	48006	106	-54	-9530
239	18142	60474	82	0	-8765
240	18142	60474	82	0	-8765
241	-19	-63	0	0	-633
242	0	0	0	0	-633
243	-1953	-5376	4092	22921	7583
244	4769	-3482	13474	-12427	107
245	-646	-1861	1627	-4321	-6806
246	6339	20390	287	-697	-10579
247	14394	47815	-20	-145	-9109
248	18099	60329	-4	0	-8547
249	18099	60329	-4	0	-8547
250	-19	-63	0	0	-633
251	0	0	0	0	-633
252	10629	3699	265	971	7556
253	5460	-1519	365	-63	373
254	4272	-283	430	-108	-4271
255	7697	20596	344	-140	-8031
256	14650	47765	237	-110	-8767
257	18085	60282	189	0	-8320
258	18085	60282	189	0	-8320
259	-19	-63	0	0	-633
260	0	0	0	0	-633
261	-1851	-5371	-1006	-5678	7496
262	5060	-3453	-3552	40708	61
263	-547	-1780	-150	14340	-6880
264	6631	20866	429	1509	-10663
265	14663	48529	565	-84	-9186
266	18341	61138	415	0	-8618
267	18341	61138	415	0	-8618
268	-19	-63	0	0	-633
269	0	0	0	0	-633
270	5530	33914	418	1808	-4131
271	-10957	-14959	577	54	-24945
272	-3103	-8127	713	-90	-30682
273	4880	19533	630	-193	-13052
274	14763	49500	477	-196	-9723
275	18660	62201	392	0	-8947
276	18660	62201	392	0	-8947
277	-19	-63	0	0	-633
278	0	0	0	0	-633
279	-1808	-5388	4387	24465	7449
280	5143	-3452	13841	-12278	-5
281	-446	-1710	2168	-4240	-7052
282	6990	21513	840	-759	-10932
283	15139	49888	419	-308	-9498
284	18853	62843	396	0	-8936
285	18853	62843	396	0	-8936
286	-19	-63	0	0	-633
287	0	0	0	0	-633
288	10679	3822	333	2248	7673
289	5445	-1548	708	1067	267
290	4502	-130	881	1004	-4633
291	8271	21789	965	27	-8637

In	Mx	My	Mxy	Tx	Ty
	[kgm]	[kgm]	[kgm]	[kg]	[kg]
292	15568	50529	815	-248	-9493
293	19153	63844	695	0	-9056
294	19153	63844	695	0	-9056
295	-19	-63	0	0	-633
296	0	0	0	0	-633
297	-2275	-5812	-899	-5307	7692
298	4336	-3657	-3715	43748	-32
299	-505	-1816	30	15790	-7446
300	6636	21799	1084	3459	-11692
301	15405	51946	1153	430	-10431
302	19806	66018	886	0	-9971
303	19806	66018	886	0	-9971
304	-19	-63	0	0	-633
305	0	0	0	0	-633
306	1042	37426	-166	6003	-4177
307	-11399	-15540	3336	-859	-26056
308	-2818	-8594	978	3710	-31990
309	2609	19667	1656	4054	-14130
310	13742	53193	516	2754	-11754
311	20578	68593	175	0	-11292
312	20578	68593	175	0	-11292
313	-19	-63	0	0	-633
314	0	0	0	0	-633
315	-4805	-6498	4020	30722	4782
316	-178	-5856	18458	-14876	-2785
317	-1490	-3403	2614	-3235	-10980
318	1555	20795	1588	2872	-13529
319	8113	52161	-24	5682	-12195
320	20716	69052	-386	0	-12104
321	20716	69052	-386	0	-12104
322	-19	-63	0	0	-632
323	1	0	0	0	-632
324	-105	959	6449	23415	19591
325	2755	-3327	499	-5609	3201
326	-393	-2593	3403	-4905	-8062
327	943	20978	1962	2420	-13469
328	2532	51668	-567	6970	-11476
329	20611	68703	-1939	0	-9307
330	20611	68703	-1939	0	-9307
331	-19	-64	-2	0	-633
332	2	0	-2	-1	-633

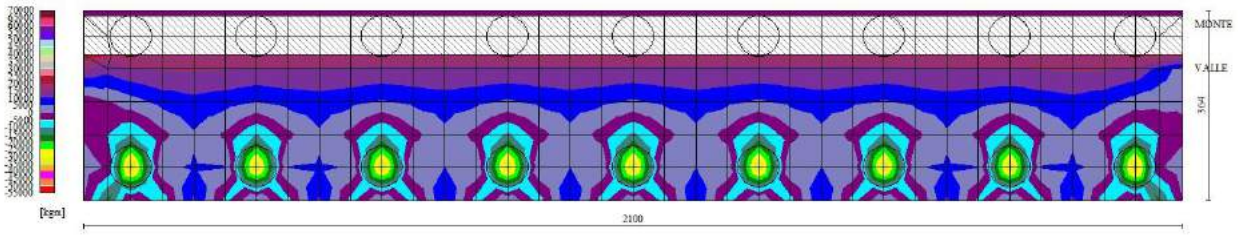

Fig. 25 - Piastra fondazione - Momenti Mx (Combinazione n° 2)

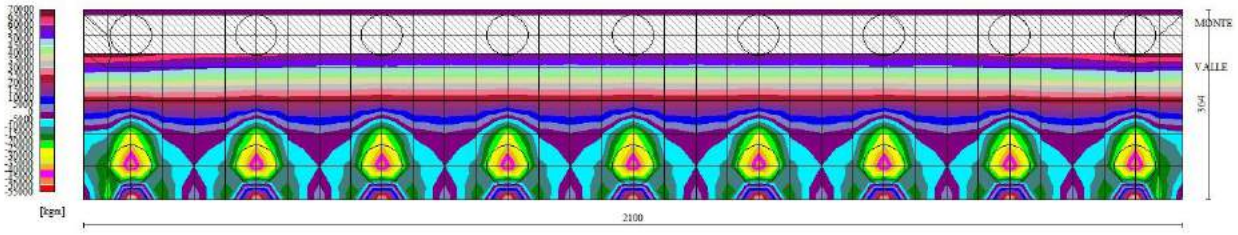

Fig. 26 - Piastra fondazione - Momenti My (Combinazione n° 2)

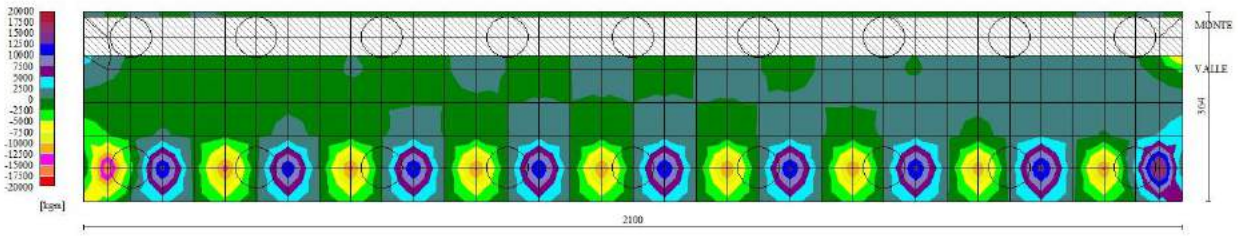

Fig. 27 - Piastra fondazione - Momento Mxy (Combinazione n° 2)

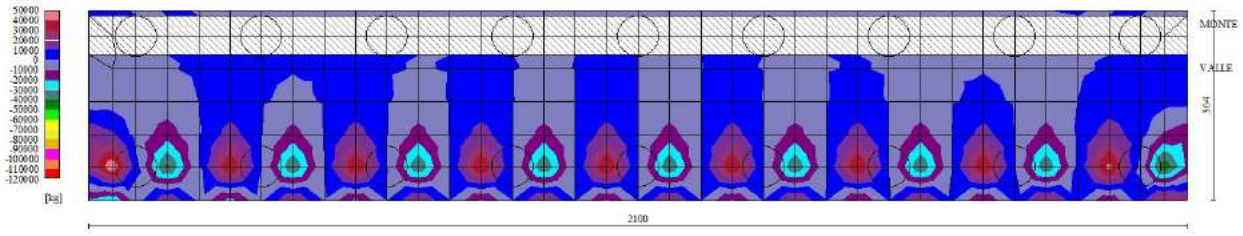

Fig. 28 - Piastra fondazione - Taglio Tx (Combinazione n° 2)

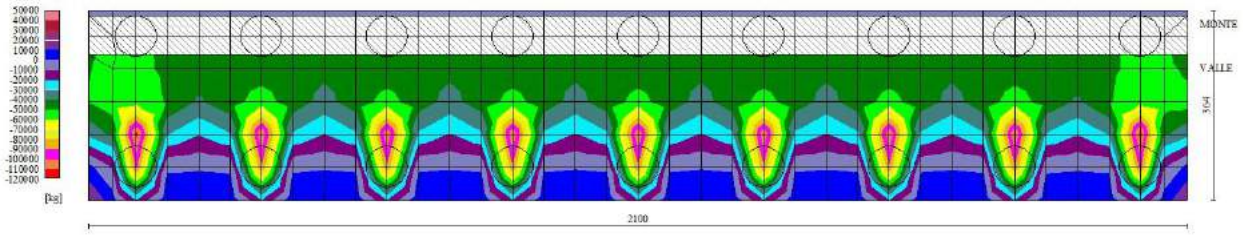

Fig. 29 - Piastra fondazione - Taglio Ty (Combinazione n° 2)

Sollecitazioni pali

Simbologia adottata

N Sforzo normale, espresso in [kg]. Positivo se di compressione.

T Taglio, espresso in [kg]. Positivo se diretto da monte verso valle

M Momento, espresso in [kgm]. Positivo se tende le fibre contro terra (a monte)

Combinazione n° 1 - STR (A1-M1-R3)

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-43955	-364643	-18661	-31063	-72268	-120293
21	3.40	-38046	-356610	-18661	-31063	-8820	-14682
44	7.31	-30358	-342847	426	709	49407	82242
59	9.86	-23675	-325615	9265	15423	33479	55728
101	17.00	0	0	56	94	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	95021	364629	-18661	-31063	-72268	-120293
21	3.40	96732	356596	-18661	-31063	-8820	-14682
35	5.78	97930	350973	-18661	-31063	35593	59248
44	7.31	97301	342833	426	709	49407	82242
59	9.86	95059	325601	9265	15423	33479	55728
101	17.00	81012	0	56	94	0	0

Combinazione n° 2 - STR (A1-M1-R3) H + V

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-63486	-364646	-23996	-31228	-92435	-120293
9	1.36	-60557	-361433	-23996	-31228	-59801	-77825
44	7.31	-46076	-342849	627	816	63959	83237
59	9.86	-36386	-325616	11994	15609	43254	56291
101	17.00	0	0	72	94	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	119936	364621	-23996	-31228	-92435	-120293
9	1.36	120401	361408	-23996	-31228	-59801	-77825
35	5.78	121913	350966	-23996	-31228	46261	60205
44	7.31	120738	342825	627	816	63959	83237
59	9.86	117330	325593	11994	15609	43254	56291
101	17.00	98354	0	72	94	0	0

Combinazione n° 3 - STR (A1-M1-R3) H - V

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-51095	-364650	-18871	-31214	-72727	-120293
4	0.51	-50131	-363445	-18871	-31214	-63103	-104374
44	7.31	-36104	-342853	488	807	50273	83154
59	9.86	-28322	-325620	9427	15593	34004	56244
101	17.00	0	0	57	94	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	92853	364648	-18871	-31214	-72727	-120293
4	0.51	93117	363443	-18871	-31214	-63103	-104374
35	5.78	95843	350993	-18871	-31214	36350	60125
44	7.31	95262	342852	488	807	50273	83154

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
59	9.86	93121	325620	9427	15593	34004	56244
101	17.00	79503	0	57	94	0	0

Combinazione n° 4 - STR (A1-M1-R3)

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-34892	-364642	-18661	-30814	-72852	-120293
4	0.51	-34105	-363438	-18661	-30814	-63335	-104580
44	7.31	-23065	-342845	332	548	48900	80745
59	9.86	-17777	-325612	9171	15143	33237	54881
101	17.00	0	0	57	93	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	98484	364652	-18661	-30814	-72852	-120293
4	0.51	98729	363447	-18661	-30814	-63335	-104580
35	5.78	101264	350997	-18661	-30814	35009	57807
44	7.31	100559	342856	332	548	48900	80745
59	9.86	98155	325623	9171	15143	33237	54881
101	17.00	83422	0	57	93	0	0

Combinazione n° 5 - STR (A1-M1-R3)

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-43205	-364642	-18661	-31027	-72352	-120293
9	1.36	-40863	-361429	-18661	-31027	-46973	-78099
44	7.31	-29754	-342846	412	686	49334	82025
59	9.86	-23187	-325615	9252	15382	33444	55605
101	17.00	0	0	56	94	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	94964	364631	-18661	-31027	-72352	-120293
9	1.36	95649	361418	-18661	-31027	-46973	-78099
35	5.78	97875	350976	-18661	-31027	35509	59039
44	7.31	97247	342835	412	686	49334	82025
59	9.86	95008	325604	9252	15382	33444	55605
101	17.00	80972	0	56	94	0	0

Combinazione n° 6 - STR (A1-M1-R3)

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-35643	-364635	-18661	-30849	-72768	-120293
15	2.38	-31928	-359013	-18661	-30849	-28355	-46874
44	7.31	-23669	-342839	346	571	48973	80959
59	9.86	-18266	-325607	9185	15183	33272	55003
101	17.00	0	0	57	93	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	98542	364634	-18661	-30849	-72768	-120293
15	2.38	99685	359011	-18661	-30849	-28355	-46874
35	5.78	101319	350978	-18661	-30849	35093	58014
44	7.31	100612	342838	346	571	48973	80959
59	9.86	98206	325605	9185	15183	33272	55003
101	17.00	83462	0	57	93	0	0

Combinazione n° 13 - SLER

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-9028	-225548	-10408	-30092	-41605	-120293
44	7.31	2566	-209412	29	83	26427	76411
60	10.03	8028	-196706	4962	14347	17291	49993
101	17.00	24669	0	32	92	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	56031	364634	-10408	-30092	-41605	-120293
44	7.31	60624	342838	29	83	26427	76411
45	7.48	60627	341832	756	2186	26423	76397
60	10.03	60145	324295	4962	14347	17291	49993
101	17.00	53872	0	32	92	0	0

Combinazione n° 14 - SLEF

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	2487	62135	-7664	-29358	-31404	-120293
9	1.36	3505	61439	-7664	-29358	-20981	-80367
44	7.31	7017	57690	-102	-390	18797	72003
45	7.48	7016	57495	428	1639	18814	72069
60	10.03	6483	54189	3534	13538	12437	47640
101	17.00	0	0	24	90	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	43062	364636	-7664	-29358	-31404	-120293
9	1.36	44204	361423	-7664	-29358	-20981	-80367
45	7.48	48463	341834	428	1639	18814	72069
55	9.18	48644	330651	3284	12581	15352	58804
60	10.03	48599	324296	3534	13538	12437	47640

Combinazione n° 15 - SLEQ

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr

	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	8251	206130	-6224	-28807	-25990	-120293
4	0.51	8570	205259	-6224	-28807	-22816	-105602
36	5.95	11878	196134	-5328	-24661	11042	51107
45	7.48	11603	190739	265	1228	14868	68817
60	10.03	10166	179772	2794	12931	9911	45871
101	17.00	0	0	19	89	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	36525	364647	-6224	-28807	-25990	-120293
4	0.51	36975	363442	-6224	-28807	-22816	-105602
45	7.48	42331	341845	265	1228	14868	68817
60	10.03	42778	324307	2794	12931	9911	45871
62	10.37	42783	321623	2770	12819	8962	41479

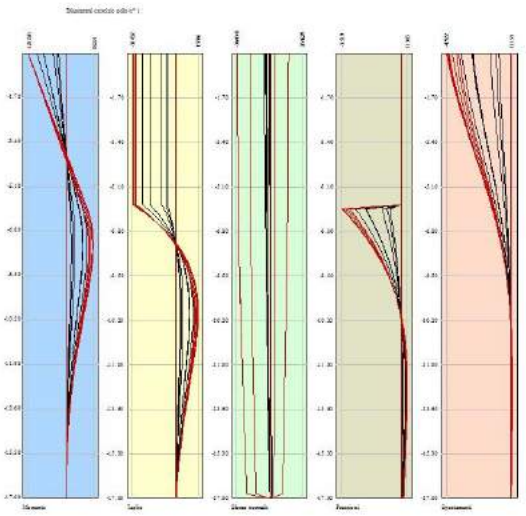

Fig. 30 - Sollecitazioni palo (Palo n° 1) (Inviluppo)

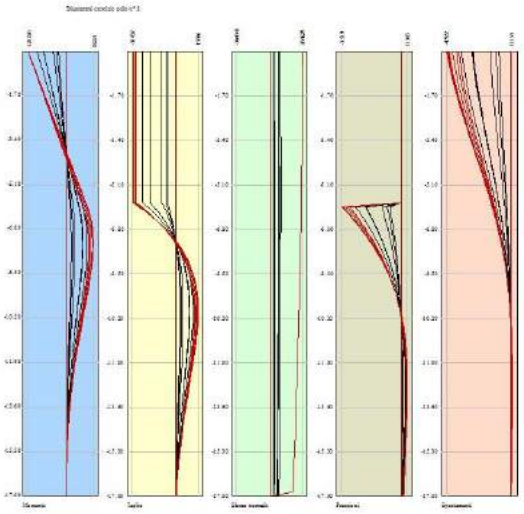

Fig. 31 - Sollecitazioni palo (Palo n° 2) (Inviluppo)

Verifiche strutturali

Verifiche a flessione

Elementi calcolati a trave

Simbologia adottata

n° indice sezione
Y ordinata sezione espressa in [m]
B larghezza sezione espresso in [cm]
H altezza sezione espressa in [cm]
Afi area ferri inferiori espresso in [cmq]
Afs area ferri superiori espressa in [cmq]
M momento agente espressa in [kgm]
N sforzo normale agente espressa in [kg]
Mu momento ultimi espresso in [kgm]
Nu sforzo normale ultimo espressa in [kg]
FS fattore di sicurezza (rapporto tra sollecitazione ultima e sollecitazione agente)

Elementi calcolati a piastra

Simbologia adottata

n° indice sezione
Y ordinata sezione espressa in [m]
B larghezza sezione espresso in [cm]
H altezza sezione espressa in [cm]
Afi, Afs area ferri inferiori e superiori, espresso in [cmq]
Mp, Mn momento positivo e negativo agente espressa in [kgm]
Mu momento ultimi espresso in [kgm]
FS fattore di sicurezza (rapporto tra sollecitazione ultima e sollecitazione agente)

Paramento

Combinazione n° 1 - STR (A1-M1-R3)

n°	Y	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	0.00	100	40	12.57	12.57	0	0	0	0	1000.000
2	-0.27	100	42	12.57	12.57	-1	281	0	0	1000.000
3	-0.55	100	43	12.57	12.57	-5	573	0	0	1000.000
4	-0.82	100	45	12.57	12.57	-10	877	-9438	791596	902.581
5	-1.10	100	47	12.57	12.57	-11	1193	-7862	817409	685.454
6	-1.37	100	48	12.57	12.57	11	1520	6006	843223	554.918
7	-1.65	100	50	12.57	12.57	77	1858	35920	869036	467.691
8	-1.92	100	52	12.57	12.57	207	2208	66415	709059	321.087
9	-2.20	100	53	12.57	12.57	421	2570	87393	533058	207.413
10	-2.47	100	55	12.57	12.57	741	2943	86555	343936	116.853
11	-2.75	100	57	12.57	12.57	1185	3328	69383	194806	58.532
12	-3.02	100	59	12.57	12.57	1776	3725	53811	112867	30.303
13	-3.30	100	60	12.57	12.57	2532	4133	46833	76428	18.494
14	-3.57	100	62	12.57	12.57	3476	4552	43169	56541	12.421
15	-3.85	100	64	12.57	12.57	4626	4983	41013	44182	8.866
16	-4.13	100	65	12.57	12.57	6004	5426	39864	36027	6.640
17	-4.40	100	67	12.57	12.57	7630	5880	39294	30283	5.150
18	-4.67	100	69	12.57	12.57	9524	6346	39086	26043	4.104
19	-4.95	100	70	12.57	12.57	11708	6823	39121	22799	3.341
20	-5.22	100	72	12.57	12.57	14201	7312	39324	20248	2.769
21	-5.50	100	74	12.57	12.57	17025	7813	39649	18195	2.329

Combinazione n° 2 - STR (A1-M1-R3) H + V

n°	Y	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	0.00	100	40	12.57	12.57	0	0	0	0	1000.000
2	-0.27	100	42	12.57	12.57	12	281	0	0	1000.000
3	-0.55	100	43	12.57	12.57	53	573	51832	556122	970.329
4	-0.82	100	45	12.57	12.57	136	877	65041	420585	479.552
5	-1.10	100	47	12.57	12.57	269	1193	64067	284470	238.548
6	-1.37	100	48	12.57	12.57	463	1520	55400	182004	119.775
7	-1.65	100	50	12.57	12.57	728	1858	46225	118015	63.512
8	-1.92	100	52	12.57	12.57	1075	2208	41113	84477	38.254
9	-2.20	100	53	12.57	12.57	1514	2570	38644	65620	25.533
10	-2.47	100	55	12.57	12.57	2055	2943	37360	53522	18.184
11	-2.75	100	57	12.57	12.57	2708	3328	36465	44814	13.465
12	-3.02	100	59	12.57	12.57	3489	3725	36036	38474	10.330
13	-3.30	100	60	12.57	12.57	4420	4133	35878	33548	8.118
14	-3.57	100	62	12.57	12.57	5527	4552	35897	29566	6.495
15	-3.85	100	64	12.57	12.57	6837	4983	36046	26273	5.272
16	-4.13	100	65	12.57	12.57	8376	5426	36296	23513	4.334
17	-4.40	100	67	12.57	12.57	10169	5880	36627	21180	3.602
18	-4.67	100	69	12.57	12.57	12243	6346	37027	19193	3.024
19	-4.95	100	70	12.57	12.57	14623	6823	37484	17490	2.563
20	-5.22	100	72	12.57	12.57	17337	7312	37988	16023	2.191
21	-5.50	100	74	12.57	12.57	20409	7813	38534	14751	1.888

Combinazione n° 3 - STR (A1-M1-R3) H - V

n°	Y	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	0.00	100	40	12.57	12.57	0	0	0	0	1000.000
2	-0.27	100	42	12.57	12.57	11	281	0	0	1000.000
3	-0.55	100	43	12.57	12.57	48	573	0	0	1000.000
4	-0.82	100	45	12.57	12.57	116	877	62744	474137	540.613
5	-1.10	100	47	12.57	12.57	222	1193	69173	371258	311.325
6	-1.37	100	48	12.57	12.57	372	1520	65909	269262	177.199
7	-1.65	100	50	12.57	12.57	571	1858	59407	193226	103.988
8	-1.92	100	52	12.57	12.57	826	2208	52590	140577	63.658
9	-2.20	100	53	12.57	12.57	1142	2570	47244	106279	41.353
10	-2.47	100	55	12.57	12.57	1526	2943	44415	85655	29.101
11	-2.75	100	57	12.57	12.57	1983	3328	42854	71908	21.606
12	-3.02	100	59	12.57	12.57	2524	3725	41993	61969	16.638
13	-3.30	100	60	12.57	12.57	3167	4133	41152	53695	12.993
14	-3.57	100	62	12.57	12.57	3935	4552	40584	46951	10.314

n°	Y	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
15	-3.85	100	64	12.57	12.57	4848	4983	40226	41345	8.297
16	-4.13	100	65	12.57	12.57	5930	5426	40037	36636	6.752
17	-4.40	100	67	12.57	12.57	7200	5880	39989	32657	5.554
18	-4.67	100	69	12.57	12.57	8682	6346	40060	29281	4.614
19	-4.95	100	70	12.57	12.57	10397	6823	40233	26405	3.870
20	-5.22	100	72	12.57	12.57	12366	7312	40493	23944	3.275
21	-5.50	100	74	12.57	12.57	14611	7813	40827	21830	2.794

Combinazione n° 4 - STR (A1-M1-R3)

n°	Y	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	0.00	100	40	12.57	12.57	0	0	0	0	1000.000
2	-0.27	100	42	12.57	12.57	-2	365	0	0	1000.000
3	-0.55	100	43	12.57	12.57	-6	745	0	0	1000.000
4	-0.82	100	45	12.57	12.57	-14	1140	-9519	791596	694.293
5	-1.10	100	47	12.57	12.57	-17	1550	-9139	817409	527.272
6	-1.37	100	48	12.57	12.57	2	1975	0	0	1000.000
7	-1.65	100	50	12.57	12.57	63	2416	22760	869036	359.762
8	-1.92	100	52	12.57	12.57	188	2871	52977	808205	281.526
9	-2.20	100	53	12.57	12.57	397	3341	78120	658008	196.947
10	-2.47	100	55	12.57	12.57	709	3826	93906	506740	132.435
11	-2.75	100	57	12.57	12.57	1146	4327	89944	339631	78.498
12	-3.02	100	59	12.57	12.57	1727	4842	74590	209091	43.183
13	-3.30	100	60	12.57	12.57	2474	5372	59395	128978	24.008
14	-3.57	100	62	12.57	12.57	3406	5918	51548	89556	15.133
15	-3.85	100	64	12.57	12.57	4545	6478	47565	67803	10.466
16	-4.13	100	65	12.57	12.57	5909	7054	44859	53546	7.591
17	-4.40	100	67	12.57	12.57	7521	7644	43320	44029	5.760
18	-4.67	100	69	12.57	12.57	9400	8250	42460	37263	4.517
19	-4.95	100	70	12.57	12.57	11567	8870	42030	32230	3.633
20	-5.22	100	72	12.57	12.57	14043	9506	41887	28355	2.983
21	-5.50	100	74	12.57	12.57	16847	10157	41947	25288	2.490

Combinazione n° 5 - STR (A1-M1-R3)

n°	Y	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	0.00	100	40	12.57	12.57	0	0	0	0	1000.000
2	-0.27	100	42	12.57	12.57	-1	281	0	0	1000.000
3	-0.55	100	43	12.57	12.57	-5	573	0	0	1000.000
4	-0.82	100	45	12.57	12.57	-10	877	-9438	791596	902.581
5	-1.10	100	47	12.57	12.57	-11	1193	-7862	817409	685.454
6	-1.37	100	48	12.57	12.57	11	1520	6006	843223	554.918
7	-1.65	100	50	12.57	12.57	77	1858	35920	869036	467.691
8	-1.92	100	52	12.57	12.57	207	2208	66415	709059	321.087
9	-2.20	100	53	12.57	12.57	421	2570	87393	533058	207.413
10	-2.47	100	55	12.57	12.57	741	2943	86555	343936	116.853
11	-2.75	100	57	12.57	12.57	1185	3328	69383	194806	58.532
12	-3.02	100	59	12.57	12.57	1776	3725	53811	112867	30.303
13	-3.30	100	60	12.57	12.57	2532	4133	46833	76428	18.494
14	-3.57	100	62	12.57	12.57	3476	4552	43169	56541	12.421
15	-3.85	100	64	12.57	12.57	4626	4983	41013	44182	8.866
16	-4.13	100	65	12.57	12.57	6004	5426	39864	36027	6.640
17	-4.40	100	67	12.57	12.57	7630	5880	39294	30283	5.150
18	-4.67	100	69	12.57	12.57	9524	6346	39086	26043	4.104
19	-4.95	100	70	12.57	12.57	11708	6823	39121	22799	3.341
20	-5.22	100	72	12.57	12.57	14201	7312	39324	20248	2.769
21	-5.50	100	74	12.57	12.57	17025	7813	39649	18195	2.329

Combinazione n° 6 - STR (A1-M1-R3)

n°	Y	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	0.00	100	40	12.57	12.57	0	0	0	0	1000.000

n°	Y	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
2	-0.27	100	42	12.57	12.57	-2	365	0	0	1000.000
3	-0.55	100	43	12.57	12.57	-6	745	0	0	1000.000
4	-0.82	100	45	12.57	12.57	-14	1140	-9519	791596	694.293
5	-1.10	100	47	12.57	12.57	-17	1550	-9139	817409	527.272
6	-1.37	100	48	12.57	12.57	2	1975	0	0	1000.000
7	-1.65	100	50	12.57	12.57	63	2416	22760	869036	359.762
8	-1.92	100	52	12.57	12.57	188	2871	52977	808205	281.526
9	-2.20	100	53	12.57	12.57	397	3341	78120	658008	196.947
10	-2.47	100	55	12.57	12.57	709	3826	93906	506740	132.435
11	-2.75	100	57	12.57	12.57	1146	4327	89944	339631	78.498
12	-3.02	100	59	12.57	12.57	1727	4842	74590	209091	43.183
13	-3.30	100	60	12.57	12.57	2474	5372	59395	128978	24.008
14	-3.57	100	62	12.57	12.57	3406	5918	51548	89556	15.133
15	-3.85	100	64	12.57	12.57	4545	6478	47565	67803	10.466
16	-4.13	100	65	12.57	12.57	5909	7054	44859	53546	7.591
17	-4.40	100	67	12.57	12.57	7521	7644	43320	44029	5.760
18	-4.67	100	69	12.57	12.57	9400	8250	42460	37263	4.517
19	-4.95	100	70	12.57	12.57	11567	8870	42030	32230	3.633
20	-5.22	100	72	12.57	12.57	14043	9506	41887	28355	2.983
21	-5.50	100	74	12.57	12.57	16847	10157	41947	25288	2.490

Fondazione

Combinazione n° 1 - STR (A1-M1-R3)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-1-P	8.04	8.04	1706	-671	30109	17.652
1-2-P	8.04	8.04	1374	-3487	-30109	8.634
1-3-P	8.04	8.04	760	-6749	-30109	4.461
1-4-P	8.04	8.04	15	-12658	-30109	2.379
1-5-P	8.04	8.04	4	-13891	-30109	2.167
1-6-P	8.04	8.04	15	-7085	-30109	4.249
1-7-P	8.04	8.04	2954	-3142	30109	8.154
1-8-P	8.04	8.04	3010	-921	30109	10.002
1-9-P	8.04	8.04	4402	-36	30109	6.840
1-10-P	8.04	8.04	4384	-273	30109	6.868
1-11-P	8.04	8.04	3598	-1430	30109	8.369
1-12-P	8.04	8.04	2348	-3040	-30109	9.903
1-13-P	8.04	8.04	78	-7211	-30109	4.175
1-14-P	8.04	8.04	132	-13668	-30109	1.993
1-15-P	8.04	8.04	36	-9746	-30109	2.942
1-16-P	8.04	8.04	0	-3340	-30109	9.015
1-17-P	8.04	8.04	3172	-1824	30109	7.593
1-18-P	8.04	8.04	3737	-430	30109	8.057
1-19-P	8.04	8.04	5268	-2	30109	5.715
1-20-P	8.04	8.04	3814	-594	30109	7.893
1-21-P	8.04	8.04	3263	-2087	30109	7.382
1-22-P	8.04	8.04	0	-3588	-30109	8.390
1-23-P	8.04	8.04	33	-10061	-30109	2.850
1-24-P	8.04	8.04	94	-14006	-30109	1.945
1-25-P	8.04	8.04	40	-7573	-30109	3.976
1-26-P	8.04	8.04	1862	-2976	-30109	10.117
1-27-P	8.04	8.04	3040	-1272	30109	9.905
1-28-P	8.04	8.04	3925	-181	30109	7.671
1-29-P	8.04	8.04	4212	-90	30109	7.148
1-30-P	8.04	8.04	3164	-1062	30109	9.516
1-31-P	8.04	8.04	3133	-3050	30109	7.689
1-32-P	8.04	8.04	34	-6502	-30109	4.631
1-33-P	8.04	8.04	59	-12890	-30109	2.225
1-34-P	8.04	8.04	36	-11595	-30109	2.473
1-35-P	8.04	8.04	0	-5193	-30109	5.798
1-36-P	8.04	8.04	3021	-2592	30109	7.974
1-37-P	8.04	8.04	3215	-791	30109	9.366
1-38-P	8.04	8.04	4439	-19	30109	6.783
1-39-P	8.04	8.04	3579	-364	30109	8.412

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-40-P	8.04	8.04	2922	-1711	30109	8.244
1-41-P	8.04	8.04	584	-3191	-30109	9.435
1-42-P	8.04	8.04	37	-9070	-30109	3.320
1-43-P	8.04	8.04	115	-15561	-30109	1.751
1-44-P	8.04	8.04	37	-9070	-30109	3.320
1-45-P	8.04	8.04	584	-3191	-30109	9.435
1-46-P	8.04	8.04	2922	-1711	30109	8.244
1-47-P	8.04	8.04	3579	-364	30109	8.412
1-48-P	8.04	8.04	4439	-19	30109	6.783
1-49-P	8.04	8.04	3215	-791	30109	9.365
1-50-P	8.04	8.04	3021	-2592	30109	7.973
1-51-P	8.04	8.04	0	-5193	-30109	5.798
1-52-P	8.04	8.04	36	-11594	-30109	2.473
1-53-P	8.04	8.04	59	-12889	-30109	2.225
1-54-P	8.04	8.04	34	-6501	-30109	4.632
1-55-P	8.04	8.04	3134	-3049	30109	7.686
1-56-P	8.04	8.04	3166	-1061	30109	9.510
1-57-P	8.04	8.04	4215	-90	30109	7.144
1-58-P	8.04	8.04	3928	-181	30109	7.665
1-59-P	8.04	8.04	3042	-1271	30109	9.896
1-60-P	8.04	8.04	1864	-2973	-30109	10.127
1-61-P	8.04	8.04	40	-7567	-30109	3.979
1-62-P	8.04	8.04	95	-14000	-30109	1.946
1-63-P	8.04	8.04	34	-10053	-30109	2.852
1-64-P	8.04	8.04	0	-3579	-30109	8.413
1-65-P	8.04	8.04	3271	-2084	30109	7.363
1-66-P	8.04	8.04	3828	-594	30109	7.866
1-67-P	8.04	8.04	5284	-2	30109	5.699
1-68-P	8.04	8.04	3751	-426	30109	8.027
1-69-P	8.04	8.04	3182	-1813	30109	7.571
1-70-P	8.04	8.04	0	-3318	-30109	9.074
1-71-P	8.04	8.04	37	-9723	-30109	2.949
1-72-P	8.04	8.04	135	-13645	-30109	1.997
1-73-P	8.04	8.04	80	-7184	-30109	4.191
1-74-P	8.04	8.04	2371	-3032	-30109	9.929
1-75-P	8.04	8.04	3630	-1429	30109	8.295
1-76-P	8.04	8.04	4419	-274	30109	6.813
1-77-P	8.04	8.04	4437	-35	30109	6.786
1-78-P	8.04	8.04	3037	-910	30109	9.915
1-79-P	8.04	8.04	2972	-3119	30109	8.106
1-80-P	8.04	8.04	15	-7047	-30109	4.273
1-81-P	8.04	8.04	4	-13855	-30109	2.173
1-82-P	8.04	8.04	15	-12629	-30109	2.384
1-83-P	8.04	8.04	757	-6728	-30109	4.475
1-84-P	8.04	8.04	1377	-3472	-30109	8.672
1-85-P	8.04	8.04	1722	-667	30109	17.481
2-1-P	8.04	8.04	506	-1553	-30109	19.389
2-2-P	8.04	8.04	238	-1983	-30109	15.180
2-3-P	8.04	8.04	65	-2815	-30109	10.695
2-4-P	8.04	8.04	59	-5051	-30109	5.394
2-5-P	8.04	8.04	180	-5270	-30109	4.897
2-6-P	8.04	8.04	470	-2439	-30109	9.876
2-7-P	8.04	8.04	1569	-429	30109	15.351
2-8-P	8.04	8.04	2493	-84	30109	12.076
2-9-P	8.04	8.04	3682	-2	30109	8.178
2-10-P	8.04	8.04	3569	-62	30109	8.437
2-11-P	8.04	8.04	2663	-289	30109	11.308
2-12-P	8.04	8.04	1571	-714	30109	15.328
2-13-P	8.04	8.04	594	-2783	-30109	8.655
2-14-P	8.04	8.04	341	-5586	-30109	4.363
2-15-P	8.04	8.04	451	-3920	-30109	6.144
2-16-P	8.04	8.04	847	-1345	-30109	13.428
2-17-P	8.04	8.04	1971	-241	30109	15.277
2-18-P	8.04	8.04	2889	-42	30109	10.421
2-19-P	8.04	8.04	3966	-2	30109	7.591
2-20-P	8.04	8.04	2860	-101	30109	10.526
2-21-P	8.04	8.04	1928	-374	30109	15.618
2-22-P	8.04	8.04	742	-1501	-30109	12.037
2-23-P	8.04	8.04	379	-4187	-30109	5.752

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
2-24-P	8.04	8.04	252	-5912	-30109	4.122
2-25-P	8.04	8.04	445	-3104	-30109	7.759
2-26-P	8.04	8.04	1083	-750	30109	22.251
2-27-P	8.04	8.04	2045	-198	30109	14.721
2-28-P	8.04	8.04	3013	-21	30109	9.992
2-29-P	8.04	8.04	3222	-13	30109	9.346
2-30-P	8.04	8.04	2204	-173	30109	13.660
2-31-P	8.04	8.04	1469	-616	30109	16.394
2-32-P	8.04	8.04	472	-2645	-30109	9.108
2-33-P	8.04	8.04	265	-5472	-30109	4.454
2-34-P	8.04	8.04	301	-4910	-30109	4.964
2-35-P	8.04	8.04	554	-2146	-30109	8.418
2-36-P	8.04	8.04	1512	-464	30109	15.931
2-37-P	8.04	8.04	2327	-119	30109	12.940
2-38-P	8.04	8.04	3371	-2	30109	8.932
2-39-P	8.04	8.04	2718	-50	30109	11.077
2-40-P	8.04	8.04	1785	-284	30109	16.868
2-41-P	8.04	8.04	759	-1165	-30109	15.511
2-42-P	8.04	8.04	380	-3803	-30109	6.333
2-43-P	8.04	8.04	195	-6648	-30109	3.882
2-44-P	8.04	8.04	380	-3803	-30109	6.333
2-45-P	8.04	8.04	759	-1165	-30109	15.512
2-46-P	8.04	8.04	1785	-284	30109	16.867
2-47-P	8.04	8.04	2718	-50	30109	11.077
2-48-P	8.04	8.04	3371	-2	30109	8.932
2-49-P	8.04	8.04	2327	-119	30109	12.939
2-50-P	8.04	8.04	1512	-464	30109	15.929
2-51-P	8.04	8.04	554	-2146	-30109	8.419
2-52-P	8.04	8.04	301	-4909	-30109	4.965
2-53-P	8.04	8.04	265	-5471	-30109	4.455
2-54-P	8.04	8.04	472	-2644	-30109	9.110
2-55-P	8.04	8.04	1470	-616	30109	16.388
2-56-P	8.04	8.04	2205	-173	30109	13.652
2-57-P	8.04	8.04	3223	-13	30109	9.341
2-58-P	8.04	8.04	3015	-21	30109	9.985
2-59-P	8.04	8.04	2047	-198	30109	14.706
2-60-P	8.04	8.04	1084	-748	30109	22.222
2-61-P	8.04	8.04	446	-3101	-30109	7.768
2-62-P	8.04	8.04	253	-5909	-30109	4.125
2-63-P	8.04	8.04	380	-4183	-30109	5.759
2-64-P	8.04	8.04	745	-1496	-30109	12.073
2-65-P	8.04	8.04	1936	-374	30109	15.550
2-66-P	8.04	8.04	2870	-102	30109	10.490
2-67-P	8.04	8.04	3978	-2	30109	7.569
2-68-P	8.04	8.04	2902	-41	30109	10.376
2-69-P	8.04	8.04	1984	-238	30109	15.179
2-70-P	8.04	8.04	853	-1334	-30109	13.544
2-71-P	8.04	8.04	456	-3904	-30109	6.170
2-72-P	8.04	8.04	345	-5567	-30109	4.378
2-73-P	8.04	8.04	601	-2764	-30109	8.715
2-74-P	8.04	8.04	1594	-707	30109	15.112
2-75-P	8.04	8.04	2695	-290	30109	11.173
2-76-P	8.04	8.04	3603	-63	30109	8.358
2-77-P	8.04	8.04	3716	-3	30109	8.104
2-78-P	8.04	8.04	2523	-80	30109	11.935
2-79-P	8.04	8.04	1587	-415	30109	15.174
2-80-P	8.04	8.04	484	-2386	-30109	7.573
2-81-P	8.04	8.04	193	-5181	-30109	4.982
2-82-P	8.04	8.04	116	-4881	-30109	5.581
2-83-P	8.04	8.04	108	-2453	-30109	9.821
2-84-P	8.04	8.04	285	-1415	-30109	17.023
2-85-P	8.04	8.04	474	-689	-30109	34.947
3-1-P	8.04	8.04	6894	-265	30109	4.367
3-2-P	8.04	8.04	6735	-102	30109	4.471
3-3-P	8.04	8.04	5202	-8	30109	5.236
3-4-P	8.04	8.04	7475	0	30109	4.028
3-5-P	8.04	8.04	8260	0	30109	3.645
3-6-P	8.04	8.04	8776	0	30109	3.431
3-7-P	8.04	8.04	9293	0	30109	3.240

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
3-8-P	8.04	8.04	9454	0	30109	3.185
3-9-P	8.04	8.04	9613	0	30109	3.132
3-10-P	8.04	8.04	9548	0	30109	3.153
3-11-P	8.04	8.04	9333	0	30109	3.226
3-12-P	8.04	8.04	9103	0	30109	3.308
3-13-P	8.04	8.04	8813	0	30109	3.417
3-14-P	8.04	8.04	8522	0	30109	3.533
3-15-P	8.04	8.04	8592	0	30109	3.504
3-16-P	8.04	8.04	8751	0	30109	3.441
3-17-P	8.04	8.04	8887	0	30109	3.388
3-18-P	8.04	8.04	8989	0	30109	3.350
3-19-P	8.04	8.04	9091	0	30109	3.312
3-20-P	8.04	8.04	8907	0	30109	3.380
3-21-P	8.04	8.04	8723	0	30109	3.452
3-22-P	8.04	8.04	8503	0	30109	3.541
3-23-P	8.04	8.04	8258	0	30109	3.646
3-24-P	8.04	8.04	8103	0	30109	3.716
3-25-P	8.04	8.04	8306	0	30109	3.625
3-26-P	8.04	8.04	8508	0	30109	3.539
3-27-P	8.04	8.04	8659	0	30109	3.477
3-28-P	8.04	8.04	8796	0	30109	3.423
3-29-P	8.04	8.04	8815	0	30109	3.415
3-30-P	8.04	8.04	8659	0	30109	3.477
3-31-P	8.04	8.04	8502	0	30109	3.541
3-32-P	8.04	8.04	8277	0	30109	3.637
3-33-P	8.04	8.04	8052	0	30109	3.739
3-34-P	8.04	8.04	8093	0	30109	3.721
3-35-P	8.04	8.04	8310	0	30109	3.623
3-36-P	8.04	8.04	8513	0	30109	3.537
3-37-P	8.04	8.04	8660	0	30109	3.477
3-38-P	8.04	8.04	8806	0	30109	3.419
3-39-P	8.04	8.04	8716	0	30109	3.454
3-40-P	8.04	8.04	8566	0	30109	3.515
3-41-P	8.04	8.04	8388	0	30109	3.589
3-42-P	8.04	8.04	8168	0	30109	3.686
3-43-P	8.04	8.04	7948	0	30109	3.788
3-44-P	8.04	8.04	8168	0	30109	3.686
3-45-P	8.04	8.04	8388	0	30109	3.589
3-46-P	8.04	8.04	8566	0	30109	3.515
3-47-P	8.04	8.04	8716	0	30109	3.454
3-48-P	8.04	8.04	8806	0	30109	3.419
3-49-P	8.04	8.04	8659	0	30109	3.477
3-50-P	8.04	8.04	8512	0	30109	3.537
3-51-P	8.04	8.04	8310	0	30109	3.623
3-52-P	8.04	8.04	8093	0	30109	3.721
3-53-P	8.04	8.04	8052	0	30109	3.739
3-54-P	8.04	8.04	8277	0	30109	3.637
3-55-P	8.04	8.04	8503	0	30109	3.541
3-56-P	8.04	8.04	8659	0	30109	3.477
3-57-P	8.04	8.04	8816	0	30109	3.415
3-58-P	8.04	8.04	8796	0	30109	3.423
3-59-P	8.04	8.04	8659	0	30109	3.477
3-60-P	8.04	8.04	8509	0	30109	3.538
3-61-P	8.04	8.04	8307	0	30109	3.625
3-62-P	8.04	8.04	8105	0	30109	3.715
3-63-P	8.04	8.04	8261	0	30109	3.645
3-64-P	8.04	8.04	8506	0	30109	3.540
3-65-P	8.04	8.04	8727	0	30109	3.450
3-66-P	8.04	8.04	8912	0	30109	3.379
3-67-P	8.04	8.04	9097	0	30109	3.310
3-68-P	8.04	8.04	8997	0	30109	3.347
3-69-P	8.04	8.04	8897	0	30109	3.384
3-70-P	8.04	8.04	8762	0	30109	3.436
3-71-P	8.04	8.04	8606	0	30109	3.499
3-72-P	8.04	8.04	8539	0	30109	3.526
3-73-P	8.04	8.04	8833	0	30109	3.409
3-74-P	8.04	8.04	9126	0	30109	3.299
3-75-P	8.04	8.04	9360	0	30109	3.217
3-76-P	8.04	8.04	9578	0	30109	3.144

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
3-77-P	8.04	8.04	9642	0	30109	3.123
3-78-P	8.04	8.04	9478	0	30109	3.177
3-79-P	8.04	8.04	9312	0	30109	3.234
3-80-P	8.04	8.04	8672	0	30109	3.472
3-81-P	8.04	8.04	8033	0	30109	3.748
3-82-P	8.04	8.04	7034	0	30109	4.281
3-83-P	8.04	8.04	5795	0	30109	5.196
3-84-P	8.04	8.04	4598	0	30109	6.549
3-85-P	8.04	8.04	3411	0	30109	8.827
5-1-P	4.02	4.02	0	-1	-14789	100.000
5-2-P	4.02	4.02	0	-1	-14789	100.000
5-3-P	4.02	4.02	0	-1	-14789	100.000
5-4-P	4.02	4.02	0	-1	-14789	100.000
5-5-P	4.02	4.02	0	-1	-14789	100.000
5-6-P	4.02	4.02	0	-1	-14789	100.000
5-7-P	4.02	4.02	0	-1	-14789	100.000
5-8-P	4.02	4.02	0	-1	-14789	100.000
5-9-P	4.02	4.02	0	-1	-14789	100.000
5-10-P	4.02	4.02	0	-1	-14789	100.000
5-11-P	4.02	4.02	0	-1	-14789	100.000
5-12-P	4.02	4.02	0	-1	-14789	100.000
5-13-P	4.02	4.02	0	-1	-14789	100.000
5-14-P	4.02	4.02	0	-1	-14789	100.000
5-15-P	4.02	4.02	0	-1	-14789	100.000
5-16-P	4.02	4.02	0	-1	-14789	100.000
5-17-P	4.02	4.02	0	-1	-14789	100.000
5-18-P	4.02	4.02	0	-1	-14789	100.000
5-19-P	4.02	4.02	0	-1	-14789	100.000
5-20-P	4.02	4.02	0	-1	-14789	100.000
5-21-P	4.02	4.02	0	-1	-14789	100.000
5-22-P	4.02	4.02	0	-1	-14789	100.000
5-23-P	4.02	4.02	0	-1	-14789	100.000
5-24-P	4.02	4.02	0	-1	-14789	100.000
5-25-P	4.02	4.02	0	-1	-14789	100.000
5-26-P	4.02	4.02	0	-1	-14789	100.000
5-27-P	4.02	4.02	0	-1	-14789	100.000
5-28-P	4.02	4.02	0	-1	-14789	100.000
5-29-P	4.02	4.02	0	-1	-14789	100.000
5-30-P	4.02	4.02	0	-1	-14789	100.000
5-31-P	4.02	4.02	0	-1	-14789	100.000
5-32-P	4.02	4.02	0	-1	-14789	100.000
5-33-P	4.02	4.02	0	-1	-14789	100.000
5-34-P	4.02	4.02	0	-1	-14789	100.000
5-35-P	4.02	4.02	0	-1	-14789	100.000
5-36-P	4.02	4.02	0	-1	-14789	100.000
5-37-P	4.02	4.02	0	-1	-14789	100.000
5-38-P	4.02	4.02	0	-1	-14789	100.000
5-39-P	4.02	4.02	0	-1	-14789	100.000
5-40-P	4.02	4.02	0	-1	-14789	100.000
5-41-P	4.02	4.02	0	-1	-14789	100.000
5-42-P	4.02	4.02	0	-1	-14789	100.000
5-43-P	4.02	4.02	0	-1	-14789	100.000
5-44-P	4.02	4.02	0	-1	-14789	100.000
5-45-P	4.02	4.02	0	-1	-14789	100.000
5-46-P	4.02	4.02	0	-1	-14789	100.000
5-47-P	4.02	4.02	0	-1	-14789	100.000
5-48-P	4.02	4.02	0	-1	-14789	100.000
5-49-P	4.02	4.02	0	-1	-14789	100.000
5-50-P	4.02	4.02	0	-1	-14789	100.000
5-51-P	4.02	4.02	0	-1	-14789	100.000
5-52-P	4.02	4.02	0	-1	-14789	100.000
5-53-P	4.02	4.02	0	-1	-14789	100.000
5-54-P	4.02	4.02	0	-1	-14789	100.000
5-55-P	4.02	4.02	0	-1	-14789	100.000
5-56-P	4.02	4.02	0	-1	-14789	100.000
5-57-P	4.02	4.02	0	-1	-14789	100.000
5-58-P	4.02	4.02	0	-1	-14789	100.000
5-59-P	4.02	4.02	0	-1	-14789	100.000
5-60-P	4.02	4.02	0	-1	-14789	100.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
5-61-P	4.02	4.02	0	-1	-14789	100.000
5-62-P	4.02	4.02	0	-1	-14789	100.000
5-63-P	4.02	4.02	0	-1	-14789	100.000
5-64-P	4.02	4.02	0	-1	-14789	100.000
5-65-P	4.02	4.02	0	-1	-14789	100.000
5-66-P	4.02	4.02	0	-1	-14789	100.000
5-67-P	4.02	4.02	0	-1	-14789	100.000
5-68-P	4.02	4.02	0	-1	-14789	100.000
5-69-P	4.02	4.02	0	-1	-14789	100.000
5-70-P	4.02	4.02	0	-1	-14789	100.000
5-71-P	4.02	4.02	0	-1	-14789	100.000
5-72-P	4.02	4.02	0	-1	-14789	100.000
5-73-P	4.02	4.02	0	-1	-14789	100.000
5-74-P	4.02	4.02	0	-1	-14789	100.000
5-75-P	4.02	4.02	0	-1	-14789	100.000
5-76-P	4.02	4.02	0	-1	-14789	100.000
5-77-P	4.02	4.02	0	-1	-14789	100.000
5-78-P	4.02	4.02	0	-1	-14789	100.000
5-79-P	4.02	4.02	0	-1	-14789	100.000
5-80-P	4.02	4.02	0	-1	-14789	100.000
5-81-P	4.02	4.02	0	-1	-14789	100.000
5-82-P	4.02	4.02	0	-1	-14789	100.000
5-83-P	4.02	4.02	0	-1	-14789	100.000
5-84-P	4.02	4.02	0	-1	-14789	100.000
5-85-P	4.02	4.02	0	-1	-14789	100.000
6-1-S	18.85	8.04	7708	-5623	-30102	4.282
6-2-S	18.85	8.04	785	-7716	-30102	3.901
6-3-S	18.85	8.04	208	-15989	-30102	1.883
6-4-S	18.85	8.04	414	-21366	-30102	1.409
6-5-S	18.85	8.04	167	-17252	-30102	1.745
6-6-S	18.85	8.04	9	-13226	-30102	2.276
6-7-S	18.85	8.04	119	-6009	-30102	5.009
6-8-S	18.85	8.04	4446	-138	69868	15.714
6-9-S	18.85	8.04	14510	-4	69868	4.815
6-10-S	18.85	8.04	24117	0	69868	2.897
6-11-S	18.85	8.04	33673	0	69868	2.075
6-12-S	18.85	8.04	43212	0	69868	1.617
6-13-S	18.85	8.04	52785	0	69868	1.324
6-14-S	18.85	8.04	0	-77	-30102	100.000
6-15-S	18.85	8.04	0	0	69868	100.000
7-1-S	18.85	8.04	2878	-5918	-30102	5.086
7-2-S	18.85	8.04	60	-7414	-30102	4.060
7-3-S	18.85	8.04	402	-12070	-30102	2.494
7-4-S	18.85	8.04	559	-14715	-30102	2.046
7-5-S	18.85	8.04	246	-11284	-30102	2.668
7-6-S	18.85	8.04	18	-7799	-30102	3.860
7-7-S	18.85	8.04	1165	-2603	-30102	4.626
7-8-S	18.85	8.04	7134	-6	69868	9.794
7-9-S	18.85	8.04	15694	0	69868	4.452
7-10-S	18.85	8.04	24423	0	69868	2.861
7-11-S	18.85	8.04	33167	0	69868	2.107
7-12-S	18.85	8.04	41890	0	69868	1.668
7-13-S	18.85	8.04	50546	0	69868	1.382
7-14-S	18.85	8.04	0	-77	-30102	100.000
7-15-S	18.85	8.04	0	0	0	1000000.000
8-1-S	18.85	8.04	751	-5625	-30102	4.281
8-2-S	18.85	8.04	257	-6680	-30102	3.605
8-3-S	18.85	8.04	562	-8534	-30102	3.527
8-4-S	18.85	8.04	825	-9312	-30102	3.233
8-5-S	18.85	8.04	519	-6760	-30102	4.453
8-6-S	18.85	8.04	217	-4214	-30102	7.144
8-7-S	18.85	8.04	1976	-723	-30102	16.651
8-8-S	18.85	8.04	8558	0	69868	8.164
8-9-S	18.85	8.04	15862	0	69868	4.405
8-10-S	18.85	8.04	23978	0	69868	2.914
8-11-S	18.85	8.04	32169	0	69868	2.172
8-12-S	18.85	8.04	40325	0	69868	1.733
8-13-S	18.85	8.04	48378	0	69868	1.444

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
8-14-S	18.85	8.04	0	-77	-30102	100.000
8-15-S	18.85	8.04	0	0	0	1000000.000
9-1-S	18.85	8.04	10506	-3165	-30102	3.804
9-2-S	18.85	8.04	497	-5116	-30102	5.883
9-3-S	18.85	8.04	221	-16802	-30102	1.792
9-4-S	18.85	8.04	279	-24003	-30102	1.254
9-5-S	18.85	8.04	127	-19187	-30102	1.569
9-6-S	18.85	8.04	12	-14408	-30102	2.089
9-7-S	18.85	8.04	241	-6669	-30102	3.611
9-8-S	18.85	8.04	4104	-24	69868	17.023
9-9-S	18.85	8.04	14589	0	69868	4.789
9-10-S	18.85	8.04	23062	0	69868	3.030
9-11-S	18.85	8.04	31348	0	69868	2.229
9-12-S	18.85	8.04	39517	0	69868	1.768
9-13-S	18.85	8.04	47314	0	69868	1.477
9-14-S	18.85	8.04	0	-77	-30102	100.000
9-15-S	18.85	8.04	0	0	0	1000000.000
10-1-S	15.71	8.04	616	-4738	-30110	5.084
10-2-S	15.71	8.04	279	-5082	-30110	4.740
10-3-S	15.71	8.04	467	-5950	-30110	5.061
10-4-S	15.71	8.04	631	-6156	-30110	4.892
10-5-S	15.71	8.04	354	-4216	-30110	7.141
10-6-S	15.71	8.04	102	-2302	-30110	13.078
10-7-S	15.71	8.04	2313	0	58383	25.240
10-8-S	15.71	8.04	8775	0	58383	6.653
10-9-S	15.71	8.04	15238	0	58383	3.831
10-10-S	15.71	8.04	22942	0	58383	2.545
10-11-S	15.71	8.04	30760	0	58383	1.898
10-12-S	15.71	8.04	38552	0	58383	1.514
10-13-S	15.71	8.04	46266	0	58383	1.262
10-14-S	15.71	8.04	0	-77	-30110	100.000
10-15-S	15.71	8.04	0	0	0	1000000.000
11-1-S	15.71	8.04	10539	-3208	-30110	3.754
11-2-S	15.71	8.04	492	-5151	-30110	5.846
11-3-S	15.71	8.04	248	-16897	-30110	1.782
11-4-S	15.71	8.04	315	-24148	-30110	1.247
11-5-S	15.71	8.04	156	-19403	-30110	1.552
11-6-S	15.71	8.04	25	-14687	-30110	2.050
11-7-S	15.71	8.04	228	-7024	-30110	4.287
11-8-S	15.71	8.04	3643	-48	58383	12.821
11-9-S	15.71	8.04	13985	0	58383	4.175
11-10-S	15.71	8.04	22329	0	58383	2.615
11-11-S	15.71	8.04	30483	0	58383	1.915
11-12-S	15.71	8.04	38525	0	58383	1.515
11-13-S	15.71	8.04	46199	0	58383	1.264
11-14-S	15.71	8.04	0	-77	-30110	100.000
11-15-S	15.71	8.04	0	0	0	1000000.000
12-1-S	15.71	8.04	649	-5559	-30110	4.333
12-2-S	15.71	8.04	171	-6638	-30110	3.629
12-3-S	15.71	8.04	449	-8472	-30110	3.554
12-4-S	15.71	8.04	682	-9263	-30110	3.251
12-5-S	15.71	8.04	356	-6827	-30110	4.410
12-6-S	15.71	8.04	56	-4419	-30110	6.814
12-7-S	15.71	8.04	1479	-814	-30110	14.799
12-8-S	15.71	8.04	7688	0	58383	7.594
12-9-S	15.71	8.04	14711	0	58383	3.969
12-10-S	15.71	8.04	22472	0	58383	2.598
12-11-S	15.71	8.04	30300	0	58383	1.927
12-12-S	15.71	8.04	38092	0	58383	1.533
12-13-S	15.71	8.04	45774	0	58383	1.275
12-14-S	15.71	8.04	0	-77	-30110	100.000
12-15-S	15.71	8.04	0	0	0	1000000.000
13-1-S	15.71	8.04	2645	-5576	-30110	4.320
13-2-S	15.71	8.04	104	-7198	-30110	4.183
13-3-S	15.71	8.04	466	-11723	-30110	2.569

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
13-4-S	15.71	8.04	618	-14301	-30110	2.105
13-5-S	15.71	8.04	317	-11074	-30110	2.719
13-6-S	15.71	8.04	69	-7767	-30110	3.877
13-7-S	15.71	8.04	897	-2633	-30110	6.862
13-8-S	15.71	8.04	6321	0	58383	9.236
13-9-S	15.71	8.04	14377	0	58383	4.061
13-10-S	15.71	8.04	22313	0	58383	2.617
13-11-S	15.71	8.04	30237	0	58383	1.931
13-12-S	15.71	8.04	38103	0	58383	1.532
13-13-S	15.71	8.04	45782	0	58383	1.275
13-14-S	15.71	8.04	0	-77	-30110	100.000
13-15-S	15.71	8.04	0	0	0	1000000.000
14-1-S	15.71	8.04	7932	-4959	-30110	3.643
14-2-S	15.71	8.04	516	-6356	-30110	4.737
14-3-S	15.71	8.04	383	-15036	-30110	2.003
14-4-S	15.71	8.04	516	-20223	-30110	1.489
14-5-S	15.71	8.04	253	-16080	-30110	1.873
14-6-S	15.71	8.04	37	-11984	-30110	2.512
14-7-S	15.71	8.04	450	-5385	-30110	4.473
14-8-S	15.71	8.04	4601	-86	58383	10.151
14-9-S	15.71	8.04	13966	0	58383	4.180
14-10-S	15.71	8.04	22140	0	58383	2.637
14-11-S	15.71	8.04	30196	0	58383	1.933
14-12-S	15.71	8.04	38163	0	58383	1.530
14-13-S	15.71	8.04	45838	0	58383	1.274
14-14-S	15.71	8.04	0	-77	-30110	100.000
14-15-S	15.71	8.04	0	0	0	1000000.000
15-1-S	15.71	8.04	607	-5942	-30110	4.054
15-2-S	15.71	8.04	209	-5963	-30110	4.039
15-3-S	15.71	8.04	526	-6700	-30110	4.494
15-4-S	15.71	8.04	774	-6802	-30110	4.427
15-5-S	15.71	8.04	410	-4782	-30110	6.297
15-6-S	15.71	8.04	72	-2788	-30110	10.801
15-7-S	15.71	8.04	1825	-33	58383	31.992
15-8-S	15.71	8.04	8248	0	58383	7.079
15-9-S	15.71	8.04	14704	0	58383	3.971
15-10-S	15.71	8.04	22368	0	58383	2.610
15-11-S	15.71	8.04	30144	0	58383	1.937
15-12-S	15.71	8.04	37898	0	58383	1.541
15-13-S	15.71	8.04	45582	0	58383	1.281
15-14-S	15.71	8.04	0	-77	-30110	100.000
15-15-S	15.71	8.04	0	0	0	1000000.000
16-1-S	15.71	10.05	10549	-497	58385	5.534
16-2-S	15.71	10.05	461	-4171	-37551	9.002
16-3-S	15.71	10.05	0	-17473	-37551	2.149
16-4-S	15.71	10.05	7	-25702	-37551	1.461
16-5-S	15.71	10.05	0	-20876	-37551	1.799
16-6-S	15.71	10.05	0	-16056	-37551	2.339
16-7-S	15.71	10.05	0	-7983	-37551	4.704
16-8-S	15.71	10.05	2889	-92	58385	16.168
16-9-S	15.71	10.05	13576	0	58385	4.301
16-10-S	15.71	10.05	21978	0	58385	2.656
16-11-S	15.71	10.05	30161	0	58385	1.936
16-12-S	15.71	10.05	38224	0	58385	1.527
16-13-S	15.71	10.05	45900	0	58385	1.272
16-14-S	15.71	10.05	0	-77	-37551	100.000
16-15-S	15.71	10.05	0	0	0	1000000.000
17-1-S	15.71	8.04	607	-5942	-30110	4.054
17-2-S	15.71	8.04	209	-5963	-30110	4.039
17-3-S	15.71	8.04	526	-6700	-30110	4.494
17-4-S	15.71	8.04	774	-6802	-30110	4.427
17-5-S	15.71	8.04	410	-4781	-30110	6.297
17-6-S	15.71	8.04	72	-2788	-30110	10.801
17-7-S	15.71	8.04	1825	-33	58383	31.993
17-8-S	15.71	8.04	8248	0	58383	7.079
17-9-S	15.71	8.04	14704	0	58383	3.971

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
17-10-S	15.71	8.04	22368	0	58383	2.610
17-11-S	15.71	8.04	30144	0	58383	1.937
17-12-S	15.71	8.04	37898	0	58383	1.541
17-13-S	15.71	8.04	45581	0	58383	1.281
17-14-S	15.71	8.04	0	-77	-30110	100.000
17-15-S	15.71	8.04	0	0	0	1000000.000
18-1-S	15.71	8.04	7932	-4959	-30110	3.643
18-2-S	15.71	8.04	516	-6356	-30110	4.738
18-3-S	15.71	8.04	383	-15036	-30110	2.003
18-4-S	15.71	8.04	516	-20223	-30110	1.489
18-5-S	15.71	8.04	253	-16080	-30110	1.873
18-6-S	15.71	8.04	37	-11984	-30110	2.513
18-7-S	15.71	8.04	450	-5385	-30110	4.473
18-8-S	15.71	8.04	4601	-86	58383	10.151
18-9-S	15.71	8.04	13966	0	58383	4.180
18-10-S	15.71	8.04	22139	0	58383	2.637
18-11-S	15.71	8.04	30195	0	58383	1.933
18-12-S	15.71	8.04	38162	0	58383	1.530
18-13-S	15.71	8.04	45838	0	58383	1.274
18-14-S	15.71	8.04	0	-77	-30110	100.000
18-15-S	15.71	8.04	0	0	0	1000000.000
19-1-S	15.71	8.04	2645	-5576	-30110	4.320
19-2-S	15.71	8.04	104	-7198	-30110	4.183
19-3-S	15.71	8.04	467	-11722	-30110	2.569
19-4-S	15.71	8.04	619	-14301	-30110	2.106
19-5-S	15.71	8.04	317	-11073	-30110	2.719
19-6-S	15.71	8.04	69	-7767	-30110	3.877
19-7-S	15.71	8.04	897	-2632	-30110	6.863
19-8-S	15.71	8.04	6321	0	58383	9.236
19-9-S	15.71	8.04	14378	0	58383	4.061
19-10-S	15.71	8.04	22313	0	58383	2.617
19-11-S	15.71	8.04	30236	0	58383	1.931
19-12-S	15.71	8.04	38102	0	58383	1.532
19-13-S	15.71	8.04	45781	0	58383	1.275
19-14-S	15.71	8.04	0	-77	-30110	100.000
19-15-S	15.71	8.04	0	0	0	1000000.000
20-1-S	15.71	8.04	649	-5559	-30110	4.333
20-2-S	15.71	8.04	172	-6638	-30110	3.629
20-3-S	15.71	8.04	448	-8471	-30110	3.555
20-4-S	15.71	8.04	682	-9261	-30110	3.251
20-5-S	15.71	8.04	356	-6826	-30110	4.411
20-6-S	15.71	8.04	56	-4417	-30110	6.816
20-7-S	15.71	8.04	1480	-813	-30110	14.813
20-8-S	15.71	8.04	7690	0	58383	7.592
20-9-S	15.71	8.04	14713	0	58383	3.968
20-10-S	15.71	8.04	22473	0	58383	2.598
20-11-S	15.71	8.04	30301	0	58383	1.927
20-12-S	15.71	8.04	38093	0	58383	1.533
20-13-S	15.71	8.04	45774	0	58383	1.275
20-14-S	15.71	8.04	0	-77	-30110	100.000
20-15-S	15.71	8.04	0	0	0	1000000.000
21-1-S	15.71	8.04	10540	-3209	-30110	3.753
21-2-S	15.71	8.04	492	-5150	-30110	5.846
21-3-S	15.71	8.04	249	-16895	-30110	1.782
21-4-S	15.71	8.04	316	-24146	-30110	1.247
21-5-S	15.71	8.04	156	-19400	-30110	1.552
21-6-S	15.71	8.04	26	-14683	-30110	2.051
21-7-S	15.71	8.04	229	-7021	-30110	4.289
21-8-S	15.71	8.04	3647	-48	58383	12.807
21-9-S	15.71	8.04	13990	0	58383	4.173
21-10-S	15.71	8.04	22333	0	58383	2.614
21-11-S	15.71	8.04	30487	0	58383	1.915
21-12-S	15.71	8.04	38528	0	58383	1.515
21-13-S	15.71	8.04	46201	0	58383	1.264
21-14-S	15.71	8.04	0	-77	-30110	100.000
21-15-S	15.71	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
22-1-S	15.71	8.04	616	-4737	-30110	5.085
22-2-S	15.71	8.04	280	-5081	-30110	4.741
22-3-S	15.71	8.04	468	-5947	-30110	5.063
22-4-S	15.71	8.04	632	-6152	-30110	4.895
22-5-S	15.71	8.04	355	-4211	-30110	7.150
22-6-S	15.71	8.04	103	-2296	-30110	13.117
22-7-S	15.71	8.04	2322	0	58383	25.144
22-8-S	15.71	8.04	8785	0	58383	6.645
22-9-S	15.71	8.04	15249	0	58383	3.829
22-10-S	15.71	8.04	22953	0	58383	2.544
22-11-S	15.71	8.04	30771	0	58383	1.897
22-12-S	15.71	8.04	38563	0	58383	1.514
22-13-S	15.71	8.04	46276	0	58383	1.262
22-14-S	15.71	8.04	0	-77	-30110	100.000
22-15-S	15.71	8.04	0	0	0	1000000.000
23-1-S	18.85	8.04	10507	-3165	-30102	3.805
23-2-S	18.85	8.04	498	-5115	-30102	5.885
23-3-S	18.85	8.04	221	-16797	-30102	1.792
23-4-S	18.85	8.04	279	-23997	-30102	1.254
23-5-S	18.85	8.04	127	-19178	-30102	1.570
23-6-S	18.85	8.04	12	-14397	-30102	2.091
23-7-S	18.85	8.04	243	-6656	-30102	3.618
23-8-S	18.85	8.04	4123	-25	69868	16.945
23-9-S	18.85	8.04	14611	0	69868	4.782
23-10-S	18.85	8.04	23087	0	69868	3.026
23-11-S	18.85	8.04	31374	0	69868	2.227
23-12-S	18.85	8.04	39546	0	69868	1.767
23-13-S	18.85	8.04	47344	0	69868	1.476
23-14-S	18.85	8.04	0	-77	-30102	100.000
23-15-S	18.85	8.04	0	0	0	1000000.000
24-1-S	18.85	8.04	754	-5627	-30102	4.280
24-2-S	18.85	8.04	260	-6681	-30102	3.605
24-3-S	18.85	8.04	566	-8534	-30102	3.527
24-4-S	18.85	8.04	830	-9312	-30102	3.233
24-5-S	18.85	8.04	524	-6758	-30102	4.454
24-6-S	18.85	8.04	223	-4208	-30102	7.153
24-7-S	18.85	8.04	1990	-719	-30102	16.738
24-8-S	18.85	8.04	8583	0	69868	8.140
24-9-S	18.85	8.04	15895	0	69868	4.396
24-10-S	18.85	8.04	24022	0	69868	2.909
24-11-S	18.85	8.04	32224	0	69868	2.168
24-12-S	18.85	8.04	40391	0	69868	1.730
24-13-S	18.85	8.04	48456	0	69868	1.442
24-14-S	18.85	8.04	0	-77	-30102	100.000
24-15-S	18.85	8.04	0	0	0	1000000.000
25-1-S	18.85	8.04	2877	-5921	-30102	5.084
25-2-S	18.85	8.04	60	-7419	-30102	4.057
25-3-S	18.85	8.04	401	-12075	-30102	2.493
25-4-S	18.85	8.04	557	-14718	-30102	2.045
25-5-S	18.85	8.04	243	-11281	-30102	2.668
25-6-S	18.85	8.04	17	-7792	-30102	3.863
25-7-S	18.85	8.04	1172	-2598	-30102	4.635
25-8-S	18.85	8.04	7155	-8	69868	9.765
25-9-S	18.85	8.04	15720	0	69868	4.445
25-10-S	18.85	8.04	24468	0	69868	2.855
25-11-S	18.85	8.04	33234	0	69868	2.102
25-12-S	18.85	8.04	41997	0	69868	1.664
25-13-S	18.85	8.04	50756	0	69868	1.377
25-14-S	18.85	8.04	0	-77	-30102	100.000
25-15-S	18.85	8.04	0	0	0	1000000.000
26-1-S	18.85	8.04	7703	-5627	-30102	4.279
26-2-S	18.85	8.04	782	-7720	-30102	3.899
26-3-S	18.85	8.04	210	-15994	-30102	1.882
26-4-S	18.85	8.04	412	-21381	-30102	1.408
26-5-S	18.85	8.04	155	-17314	-30102	1.739

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
26-6-S	18.85	8.04	1	-13351	-30102	2.255
26-7-S	18.85	8.04	135	-6059	-30102	4.968
26-8-S	18.85	8.04	4620	-145	69868	15.124
26-9-S	18.85	8.04	14873	0	69868	4.698
26-10-S	18.85	8.04	24164	0	69868	2.891
26-11-S	18.85	8.04	33353	0	69868	2.095
26-12-S	18.85	8.04	42776	0	69868	1.633
26-13-S	18.85	8.04	52939	0	69868	1.320
26-14-S	18.85	8.04	0	-77	-30102	100.000
26-15-S	18.85	8.04	0	0	69868	100.000

Combinazione n° 2 - STR (A1-M1-R3) H + V

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-1-P	8.04	8.04	2077	-820	30109	14.499
1-2-P	8.04	8.04	1682	-4252	-30109	7.080
1-3-P	8.04	8.04	914	-8229	-30109	3.659
1-4-P	8.04	8.04	18	-15331	-30109	1.964
1-5-P	8.04	8.04	5	-16824	-30109	1.790
1-6-P	8.04	8.04	19	-8606	-30109	3.499
1-7-P	8.04	8.04	3589	-3865	30109	6.712
1-8-P	8.04	8.04	3629	-1145	30109	8.296
1-9-P	8.04	8.04	5293	-47	30109	5.688
1-10-P	8.04	8.04	5275	-336	30109	5.708
1-11-P	8.04	8.04	4343	-1756	30109	6.932
1-12-P	8.04	8.04	2853	-3725	-30109	8.084
1-13-P	8.04	8.04	96	-8744	-30109	3.444
1-14-P	8.04	8.04	165	-16543	-30109	1.647
1-15-P	8.04	8.04	45	-11802	-30109	2.430
1-16-P	8.04	8.04	0	-4062	-30109	7.412
1-17-P	8.04	8.04	3851	-2247	30109	6.255
1-18-P	8.04	8.04	4512	-533	30109	6.673
1-19-P	8.04	8.04	6357	-3	30109	4.737
1-20-P	8.04	8.04	4608	-732	30109	6.534
1-21-P	8.04	8.04	3962	-2564	30109	6.079
1-22-P	8.04	8.04	0	-4358	-30109	6.908
1-23-P	8.04	8.04	43	-12176	-30109	2.355
1-24-P	8.04	8.04	119	-16944	-30109	1.608
1-25-P	8.04	8.04	50	-9170	-30109	3.283
1-26-P	8.04	8.04	2275	-3645	-30109	8.261
1-27-P	8.04	8.04	3684	-1566	30109	8.173
1-28-P	8.04	8.04	4738	-224	30109	6.355
1-29-P	8.04	8.04	5083	-112	30109	5.923
1-30-P	8.04	8.04	3831	-1307	30109	7.859
1-31-P	8.04	8.04	3814	-3737	30109	6.316
1-32-P	8.04	8.04	42	-7800	-30109	3.860
1-33-P	8.04	8.04	74	-15592	-30109	1.839
1-34-P	8.04	8.04	46	-14028	-30109	2.044
1-35-P	8.04	8.04	2	-6251	-30109	4.816
1-36-P	8.04	8.04	3675	-3179	30109	6.554
1-37-P	8.04	8.04	3889	-975	30109	7.741
1-38-P	8.04	8.04	5356	-24	30109	5.621
1-39-P	8.04	8.04	4323	-450	30109	6.965
1-40-P	8.04	8.04	3548	-2104	30109	6.788
1-41-P	8.04	8.04	727	-3899	-30109	7.723
1-42-P	8.04	8.04	46	-10977	-30109	2.743
1-43-P	8.04	8.04	146	-18822	-30109	1.447
1-44-P	8.04	8.04	46	-10977	-30109	2.743
1-45-P	8.04	8.04	727	-3899	-30109	7.723
1-46-P	8.04	8.04	3548	-2104	30109	6.788
1-47-P	8.04	8.04	4323	-450	30109	6.965
1-48-P	8.04	8.04	5357	-24	30109	5.621
1-49-P	8.04	8.04	3890	-975	30109	7.741
1-50-P	8.04	8.04	3675	-3179	30109	6.554
1-51-P	8.04	8.04	2	-6251	-30109	4.817
1-52-P	8.04	8.04	46	-14027	-30109	2.044
1-53-P	8.04	8.04	74	-15591	-30109	1.839

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-54-P	8.04	8.04	42	-7799	-30109	3.861
1-55-P	8.04	8.04	3815	-3736	30109	6.314
1-56-P	8.04	8.04	3834	-1307	30109	7.854
1-57-P	8.04	8.04	5086	-112	30109	5.919
1-58-P	8.04	8.04	4741	-224	30109	6.350
1-59-P	8.04	8.04	3687	-1564	30109	8.166
1-60-P	8.04	8.04	2277	-3641	-30109	8.269
1-61-P	8.04	8.04	50	-9163	-30109	3.286
1-62-P	8.04	8.04	120	-16937	-30109	1.608
1-63-P	8.04	8.04	43	-12167	-30109	2.357
1-64-P	8.04	8.04	0	-4347	-30109	6.927
1-65-P	8.04	8.04	3972	-2560	30109	6.064
1-66-P	8.04	8.04	4624	-732	30109	6.511
1-67-P	8.04	8.04	6375	-3	30109	4.723
1-68-P	8.04	8.04	4529	-529	30109	6.648
1-69-P	8.04	8.04	3862	-2234	30109	6.237
1-70-P	8.04	8.04	0	-4036	-30109	7.461
1-71-P	8.04	8.04	46	-11774	-30109	2.436
1-72-P	8.04	8.04	168	-16514	-30109	1.650
1-73-P	8.04	8.04	98	-8710	-30109	3.457
1-74-P	8.04	8.04	2881	-3715	-30109	8.105
1-75-P	8.04	8.04	4382	-1756	30109	6.870
1-76-P	8.04	8.04	5319	-337	30109	5.661
1-77-P	8.04	8.04	5335	-45	30109	5.643
1-78-P	8.04	8.04	3662	-1130	30109	8.222
1-79-P	8.04	8.04	3610	-3837	30109	6.672
1-80-P	8.04	8.04	19	-8559	-30109	3.518
1-81-P	8.04	8.04	5	-16779	-30109	1.794
1-82-P	8.04	8.04	18	-15295	-30109	1.969
1-83-P	8.04	8.04	909	-8203	-30109	3.671
1-84-P	8.04	8.04	1686	-4234	-30109	7.112
1-85-P	8.04	8.04	2097	-815	30109	14.356
2-1-P	8.04	8.04	628	-1924	-30109	15.652
2-2-P	8.04	8.04	303	-2431	-30109	12.386
2-3-P	8.04	8.04	78	-3413	-30109	8.821
2-4-P	8.04	8.04	75	-6131	-30109	4.443
2-5-P	8.04	8.04	225	-6397	-30109	4.034
2-6-P	8.04	8.04	589	-2958	-30109	6.107
2-7-P	8.04	8.04	1947	-528	30109	12.371
2-8-P	8.04	8.04	3065	-106	30109	9.823
2-9-P	8.04	8.04	4501	-3	30109	6.689
2-10-P	8.04	8.04	4368	-75	30109	6.892
2-11-P	8.04	8.04	3281	-355	30109	9.176
2-12-P	8.04	8.04	1955	-864	30109	12.322
2-13-P	8.04	8.04	747	-3360	-30109	5.376
2-14-P	8.04	8.04	433	-6764	-30109	3.604
2-15-P	8.04	8.04	595	-4766	-30109	4.513
2-16-P	8.04	8.04	1067	-1619	-30109	11.161
2-17-P	8.04	8.04	2457	-300	30109	12.252
2-18-P	8.04	8.04	3561	-52	30109	8.456
2-19-P	8.04	8.04	4862	-2	30109	6.193
2-20-P	8.04	8.04	3527	-125	30109	8.536
2-21-P	8.04	8.04	2407	-461	30109	12.507
2-22-P	8.04	8.04	941	-1804	-30109	10.012
2-23-P	8.04	8.04	494	-5071	-30109	4.523
2-24-P	8.04	8.04	327	-7153	-30109	3.407
2-25-P	8.04	8.04	564	-3738	-30109	6.444
2-26-P	8.04	8.04	1375	-909	30109	17.519
2-27-P	8.04	8.04	2548	-246	30109	11.819
2-28-P	8.04	8.04	3712	-26	30109	8.111
2-29-P	8.04	8.04	3964	-16	30109	7.596
2-30-P	8.04	8.04	2738	-214	30109	10.995
2-31-P	8.04	8.04	1837	-737	30109	13.109
2-32-P	8.04	8.04	596	-3178	-30109	7.580
2-33-P	8.04	8.04	343	-6616	-30109	3.684
2-34-P	8.04	8.04	387	-5932	-30109	4.109
2-35-P	8.04	8.04	712	-2588	-30109	6.982
2-36-P	8.04	8.04	1887	-551	30109	12.766
2-37-P	8.04	8.04	2885	-147	30109	10.435

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
2-38-P	8.04	8.04	4144	-3	30109	7.266
2-39-P	8.04	8.04	3356	-62	30109	8.971
2-40-P	8.04	8.04	2235	-351	30109	13.471
2-41-P	8.04	8.04	963	-1394	30109	12.504
2-42-P	8.04	8.04	501	-4604	-30109	4.983
2-43-P	8.04	8.04	253	-8042	-30109	3.209
2-44-P	8.04	8.04	501	-4604	-30109	4.983
2-45-P	8.04	8.04	963	-1394	30109	12.504
2-46-P	8.04	8.04	2235	-351	30109	13.471
2-47-P	8.04	8.04	3356	-62	30109	8.971
2-48-P	8.04	8.04	4144	-3	30109	7.266
2-49-P	8.04	8.04	2886	-147	30109	10.434
2-50-P	8.04	8.04	1887	-551	30109	12.765
2-51-P	8.04	8.04	712	-2587	-30109	6.983
2-52-P	8.04	8.04	387	-5931	-30109	4.109
2-53-P	8.04	8.04	343	-6615	-30109	3.685
2-54-P	8.04	8.04	596	-3177	-30109	7.582
2-55-P	8.04	8.04	1838	-737	30109	13.104
2-56-P	8.04	8.04	2740	-214	30109	10.989
2-57-P	8.04	8.04	3965	-16	30109	7.593
2-58-P	8.04	8.04	3715	-26	30109	8.106
2-59-P	8.04	8.04	2550	-245	30109	11.807
2-60-P	8.04	8.04	1377	-907	30109	17.497
2-61-P	8.04	8.04	564	-3734	-30109	6.451
2-62-P	8.04	8.04	328	-7148	-30109	3.410
2-63-P	8.04	8.04	496	-5066	-30109	4.528
2-64-P	8.04	8.04	944	-1799	-30109	10.042
2-65-P	8.04	8.04	2418	-462	30109	12.454
2-66-P	8.04	8.04	3540	-125	30109	8.506
2-67-P	8.04	8.04	4876	-2	30109	6.175
2-68-P	8.04	8.04	3576	-51	30109	8.419
2-69-P	8.04	8.04	2473	-296	30109	12.175
2-70-P	8.04	8.04	1075	-1604	30109	11.206
2-71-P	8.04	8.04	602	-4747	-30109	4.530
2-72-P	8.04	8.04	439	-6740	-30109	3.616
2-73-P	8.04	8.04	759	-3340	-30109	5.409
2-74-P	8.04	8.04	1982	-855	30109	12.151
2-75-P	8.04	8.04	3321	-356	30109	9.067
2-76-P	8.04	8.04	4410	-76	30109	6.828
2-77-P	8.04	8.04	4543	-3	30109	6.628
2-78-P	8.04	8.04	3101	-102	30109	9.709
2-79-P	8.04	8.04	1969	-510	30109	12.230
2-80-P	8.04	8.04	610	-2896	-30109	6.238
2-81-P	8.04	8.04	242	-6287	-30109	4.105
2-82-P	8.04	8.04	145	-5922	-30109	4.600
2-83-P	8.04	8.04	137	-2969	-30109	8.112
2-84-P	8.04	8.04	364	-1728	-30109	13.941
2-85-P	8.04	8.04	588	-850	-30109	28.343
3-1-P	8.04	8.04	8544	-329	30109	3.524
3-2-P	8.04	8.04	8348	-127	30109	3.607
3-3-P	8.04	8.04	6449	-10	30109	4.224
3-4-P	8.04	8.04	9272	0	30109	3.247
3-5-P	8.04	8.04	10247	0	30109	2.938
3-6-P	8.04	8.04	10887	0	30109	2.766
3-7-P	8.04	8.04	11527	0	30109	2.612
3-8-P	8.04	8.04	11728	0	30109	2.567
3-9-P	8.04	8.04	11929	0	30109	2.524
3-10-P	8.04	8.04	11853	0	30109	2.540
3-11-P	8.04	8.04	11592	0	30109	2.597
3-12-P	8.04	8.04	11313	0	30109	2.662
3-13-P	8.04	8.04	10957	0	30109	2.748
3-14-P	8.04	8.04	10602	0	30109	2.840
3-15-P	8.04	8.04	10690	0	30109	2.817
3-16-P	8.04	8.04	10888	0	30109	2.765
3-17-P	8.04	8.04	11057	0	30109	2.723
3-18-P	8.04	8.04	11183	0	30109	2.692
3-19-P	8.04	8.04	11309	0	30109	2.662
3-20-P	8.04	8.04	11084	0	30109	2.716
3-21-P	8.04	8.04	10860	0	30109	2.773

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
3-22-P	8.04	8.04	10589	0	30109	2.843
3-23-P	8.04	8.04	10288	0	30109	2.927
3-24-P	8.04	8.04	10097	0	30109	2.982
3-25-P	8.04	8.04	10348	0	30109	2.910
3-26-P	8.04	8.04	10598	0	30109	2.841
3-27-P	8.04	8.04	10783	0	30109	2.792
3-28-P	8.04	8.04	10951	0	30109	2.749
3-29-P	8.04	8.04	10976	0	30109	2.743
3-30-P	8.04	8.04	10784	0	30109	2.792
3-31-P	8.04	8.04	10592	0	30109	2.843
3-32-P	8.04	8.04	10315	0	30109	2.919
3-33-P	8.04	8.04	10037	0	30109	3.000
3-34-P	8.04	8.04	10087	0	30109	2.985
3-35-P	8.04	8.04	10354	0	30109	2.908
3-36-P	8.04	8.04	10604	0	30109	2.839
3-37-P	8.04	8.04	10785	0	30109	2.792
3-38-P	8.04	8.04	10965	0	30109	2.746
3-39-P	8.04	8.04	10854	0	30109	2.774
3-40-P	8.04	8.04	10671	0	30109	2.822
3-41-P	8.04	8.04	10452	0	30109	2.881
3-42-P	8.04	8.04	10180	0	30109	2.958
3-43-P	8.04	8.04	9909	0	30109	3.039
3-44-P	8.04	8.04	10180	0	30109	2.958
3-45-P	8.04	8.04	10452	0	30109	2.881
3-46-P	8.04	8.04	10670	0	30109	2.822
3-47-P	8.04	8.04	10854	0	30109	2.774
3-48-P	8.04	8.04	10965	0	30109	2.746
3-49-P	8.04	8.04	10785	0	30109	2.792
3-50-P	8.04	8.04	10604	0	30109	2.839
3-51-P	8.04	8.04	10354	0	30109	2.908
3-52-P	8.04	8.04	10087	0	30109	2.985
3-53-P	8.04	8.04	10037	0	30109	3.000
3-54-P	8.04	8.04	10315	0	30109	2.919
3-55-P	8.04	8.04	10592	0	30109	2.843
3-56-P	8.04	8.04	10784	0	30109	2.792
3-57-P	8.04	8.04	10976	0	30109	2.743
3-58-P	8.04	8.04	10952	0	30109	2.749
3-59-P	8.04	8.04	10784	0	30109	2.792
3-60-P	8.04	8.04	10599	0	30109	2.841
3-61-P	8.04	8.04	10349	0	30109	2.909
3-62-P	8.04	8.04	10100	0	30109	2.981
3-63-P	8.04	8.04	10291	0	30109	2.926
3-64-P	8.04	8.04	10593	0	30109	2.842
3-65-P	8.04	8.04	10864	0	30109	2.771
3-66-P	8.04	8.04	11090	0	30109	2.715
3-67-P	8.04	8.04	11316	0	30109	2.661
3-68-P	8.04	8.04	11192	0	30109	2.690
3-69-P	8.04	8.04	11068	0	30109	2.720
3-70-P	8.04	8.04	10902	0	30109	2.762
3-71-P	8.04	8.04	10707	0	30109	2.812
3-72-P	8.04	8.04	10622	0	30109	2.834
3-73-P	8.04	8.04	10982	0	30109	2.742
3-74-P	8.04	8.04	11341	0	30109	2.655
3-75-P	8.04	8.04	11625	0	30109	2.590
3-76-P	8.04	8.04	11890	0	30109	2.532
3-77-P	8.04	8.04	11966	0	30109	2.516
3-78-P	8.04	8.04	11758	0	30109	2.561
3-79-P	8.04	8.04	11550	0	30109	2.607
3-80-P	8.04	8.04	10758	0	30109	2.799
3-81-P	8.04	8.04	9967	0	30109	3.021
3-82-P	8.04	8.04	8726	0	30109	3.451
3-83-P	8.04	8.04	7184	0	30109	4.191
3-84-P	8.04	8.04	5699	0	30109	5.283
3-85-P	8.04	8.04	4228	0	30109	7.122
5-1-P	4.02	4.02	0	-1	-14789	100.000
5-2-P	4.02	4.02	0	-1	-14789	100.000
5-3-P	4.02	4.02	0	-1	-14789	100.000
5-4-P	4.02	4.02	0	-1	-14789	100.000
5-5-P	4.02	4.02	0	-1	-14789	100.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
5-6-P	4.02	4.02	0	-1	-14789	100.000
5-7-P	4.02	4.02	0	-1	-14789	100.000
5-8-P	4.02	4.02	0	-1	-14789	100.000
5-9-P	4.02	4.02	0	-1	-14789	100.000
5-10-P	4.02	4.02	0	-1	-14789	100.000
5-11-P	4.02	4.02	0	-1	-14789	100.000
5-12-P	4.02	4.02	0	-1	-14789	100.000
5-13-P	4.02	4.02	0	-1	-14789	100.000
5-14-P	4.02	4.02	0	-1	-14789	100.000
5-15-P	4.02	4.02	0	-1	-14789	100.000
5-16-P	4.02	4.02	0	-1	-14789	100.000
5-17-P	4.02	4.02	0	-1	-14789	100.000
5-18-P	4.02	4.02	0	-1	-14789	100.000
5-19-P	4.02	4.02	0	-1	-14789	100.000
5-20-P	4.02	4.02	0	-1	-14789	100.000
5-21-P	4.02	4.02	0	-1	-14789	100.000
5-22-P	4.02	4.02	0	-1	-14789	100.000
5-23-P	4.02	4.02	0	-1	-14789	100.000
5-24-P	4.02	4.02	0	-1	-14789	100.000
5-25-P	4.02	4.02	0	-1	-14789	100.000
5-26-P	4.02	4.02	0	-1	-14789	100.000
5-27-P	4.02	4.02	0	-1	-14789	100.000
5-28-P	4.02	4.02	0	-1	-14789	100.000
5-29-P	4.02	4.02	0	-1	-14789	100.000
5-30-P	4.02	4.02	0	-1	-14789	100.000
5-31-P	4.02	4.02	0	-1	-14789	100.000
5-32-P	4.02	4.02	0	-1	-14789	100.000
5-33-P	4.02	4.02	0	-1	-14789	100.000
5-34-P	4.02	4.02	0	-1	-14789	100.000
5-35-P	4.02	4.02	0	-1	-14789	100.000
5-36-P	4.02	4.02	0	-1	-14789	100.000
5-37-P	4.02	4.02	0	-1	-14789	100.000
5-38-P	4.02	4.02	0	-1	-14789	100.000
5-39-P	4.02	4.02	0	-1	-14789	100.000
5-40-P	4.02	4.02	0	-1	-14789	100.000
5-41-P	4.02	4.02	0	-1	-14789	100.000
5-42-P	4.02	4.02	0	-1	-14789	100.000
5-43-P	4.02	4.02	0	-1	-14789	100.000
5-44-P	4.02	4.02	0	-1	-14789	100.000
5-45-P	4.02	4.02	0	-1	-14789	100.000
5-46-P	4.02	4.02	0	-1	-14789	100.000
5-47-P	4.02	4.02	0	-1	-14789	100.000
5-48-P	4.02	4.02	0	-1	-14789	100.000
5-49-P	4.02	4.02	0	-1	-14789	100.000
5-50-P	4.02	4.02	0	-1	-14789	100.000
5-51-P	4.02	4.02	0	-1	-14789	100.000
5-52-P	4.02	4.02	0	-1	-14789	100.000
5-53-P	4.02	4.02	0	-1	-14789	100.000
5-54-P	4.02	4.02	0	-1	-14789	100.000
5-55-P	4.02	4.02	0	-1	-14789	100.000
5-56-P	4.02	4.02	0	-1	-14789	100.000
5-57-P	4.02	4.02	0	-1	-14789	100.000
5-58-P	4.02	4.02	0	-1	-14789	100.000
5-59-P	4.02	4.02	0	-1	-14789	100.000
5-60-P	4.02	4.02	0	-1	-14789	100.000
5-61-P	4.02	4.02	0	-1	-14789	100.000
5-62-P	4.02	4.02	0	-1	-14789	100.000
5-63-P	4.02	4.02	0	-1	-14789	100.000
5-64-P	4.02	4.02	0	-1	-14789	100.000
5-65-P	4.02	4.02	0	-1	-14789	100.000
5-66-P	4.02	4.02	0	-1	-14789	100.000
5-67-P	4.02	4.02	0	-1	-14789	100.000
5-68-P	4.02	4.02	0	-1	-14789	100.000
5-69-P	4.02	4.02	0	-1	-14789	100.000
5-70-P	4.02	4.02	0	-1	-14789	100.000
5-71-P	4.02	4.02	0	-1	-14789	100.000
5-72-P	4.02	4.02	0	-1	-14789	100.000
5-73-P	4.02	4.02	0	-1	-14789	100.000
5-74-P	4.02	4.02	0	-1	-14789	100.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
5-75-P	4.02	4.02	0	-1	-14789	100.000
5-76-P	4.02	4.02	0	-1	-14789	100.000
5-77-P	4.02	4.02	0	-1	-14789	100.000
5-78-P	4.02	4.02	0	-1	-14789	100.000
5-79-P	4.02	4.02	0	-1	-14789	100.000
5-80-P	4.02	4.02	0	-1	-14789	100.000
5-81-P	4.02	4.02	0	-1	-14789	100.000
5-82-P	4.02	4.02	0	-1	-14789	100.000
5-83-P	4.02	4.02	0	-1	-14789	100.000
5-84-P	4.02	4.02	0	-1	-14789	100.000
5-85-P	4.02	4.02	0	-1	-14789	100.000
6-1-S	18.85	8.04	9399	-6853	-30102	3.514
6-2-S	18.85	8.04	975	-9387	-30102	3.207
6-3-S	18.85	8.04	257	-19428	-30102	1.549
6-4-S	18.85	8.04	509	-25963	-30102	1.159
6-5-S	18.85	8.04	209	-20953	-30102	1.437
6-6-S	18.85	8.04	12	-16046	-30102	1.876
6-7-S	18.85	8.04	176	-7222	-30102	4.168
6-8-S	18.85	8.04	5640	-153	69868	12.388
6-9-S	18.85	8.04	18025	-5	69868	3.876
6-10-S	18.85	8.04	29915	0	69868	2.336
6-11-S	18.85	8.04	41751	0	69868	1.673
6-12-S	18.85	8.04	53562	0	69868	1.304
6-13-S	18.85	8.04	65472	0	69868	1.067
6-14-S	18.85	8.04	0	-62	-30102	100.000
6-15-S	18.85	8.04	0	0	69868	100.000
7-1-S	18.85	8.04	3511	-7217	-30102	4.171
7-2-S	18.85	8.04	74	-9021	-30102	3.337
7-3-S	18.85	8.04	426	-14629	-30102	2.058
7-4-S	18.85	8.04	688	-17892	-30102	1.682
7-5-S	18.85	8.04	307	-13694	-30102	2.198
7-6-S	18.85	8.04	23	-9593	-30102	3.138
7-7-S	18.85	8.04	1529	-3124	-30102	3.854
7-8-S	18.85	8.04	8959	-6	69868	7.799
7-9-S	18.85	8.04	19501	0	69868	3.583
7-10-S	18.85	8.04	30326	0	69868	2.304
7-11-S	18.85	8.04	41176	0	69868	1.697
7-12-S	18.85	8.04	52014	0	69868	1.343
7-13-S	18.85	8.04	62818	0	69868	1.112
7-14-S	18.85	8.04	0	-62	-30102	100.000
7-15-S	18.85	8.04	0	0	0	1000000.000
8-1-S	18.85	8.04	912	-6857	-30102	3.512
8-2-S	18.85	8.04	310	-8136	-30102	2.960
8-3-S	18.85	8.04	684	-10391	-30102	2.897
8-4-S	18.85	8.04	913	-11575	-30102	2.601
8-5-S	18.85	8.04	638	-8182	-30102	3.679
8-6-S	18.85	8.04	273	-5042	-30102	5.970
8-7-S	18.85	8.04	2550	-841	-30102	14.324
8-8-S	18.85	8.04	10720	0	69868	6.517
8-9-S	18.85	8.04	19731	0	69868	3.541
8-10-S	18.85	8.04	29811	0	69868	2.344
8-11-S	18.85	8.04	39989	0	69868	1.747
8-12-S	18.85	8.04	50148	0	69868	1.393
8-13-S	18.85	8.04	60211	0	69868	1.160
8-14-S	18.85	8.04	0	-62	-30102	100.000
8-15-S	18.85	8.04	0	0	0	1000000.000
9-1-S	18.85	8.04	12808	-3859	-30102	3.120
9-2-S	18.85	8.04	621	-6209	-30102	4.848
9-3-S	18.85	8.04	209	-20140	-30102	1.495
9-4-S	18.85	8.04	343	-29150	-30102	1.033
9-5-S	18.85	8.04	158	-23298	-30102	1.292
9-6-S	18.85	8.04	16	-17489	-30102	1.721
9-7-S	18.85	8.04	334	-8027	-30102	3.000
9-8-S	18.85	8.04	5265	-23	69868	13.269
9-9-S	18.85	8.04	18177	0	69868	3.844
9-10-S	18.85	8.04	28699	0	69868	2.435
9-11-S	18.85	8.04	38997	0	69868	1.792
9-12-S	18.85	8.04	49166	0	69868	1.421

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
9-13-S	18.85	8.04	58928	0	69868	1.186
9-14-S	18.85	8.04	0	-62	-30102	100.000
9-15-S	18.85	8.04	0	0	0	1000000.000
10-1-S	15.71	8.04	749	-5779	-30110	4.169
10-2-S	15.71	8.04	340	-6195	-30110	3.888
10-3-S	15.71	8.04	572	-7252	-30110	4.152
10-4-S	15.71	8.04	775	-7490	-30110	4.020
10-5-S	15.71	8.04	440	-5081	-30110	5.927
10-6-S	15.71	8.04	131	-2697	-30110	11.163
10-7-S	15.71	8.04	3021	0	58383	19.329
10-8-S	15.71	8.04	11007	0	58383	5.304
10-9-S	15.71	8.04	18994	0	58383	3.074
10-10-S	15.71	8.04	28571	0	58383	2.043
10-11-S	15.71	8.04	38296	0	58383	1.525
10-12-S	15.71	8.04	48009	0	58383	1.216
10-13-S	15.71	8.04	57660	0	58383	1.013
10-14-S	15.71	8.04	0	-62	-30110	100.000
10-15-S	15.71	8.04	0	0	0	1000000.000
11-1-S	15.71	8.04	12849	-3911	-30110	3.080
11-2-S	15.71	8.04	616	-6249	-30110	4.818
11-3-S	15.71	8.04	241	-20251	-30110	1.487
11-4-S	15.71	8.04	387	-29323	-30110	1.027
11-5-S	15.71	8.04	193	-23556	-30110	1.278
11-6-S	15.71	8.04	34	-17823	-30110	1.689
11-7-S	15.71	8.04	312	-8445	-30110	3.565
11-8-S	15.71	8.04	4668	-9	58383	10.005
11-9-S	15.71	8.04	17452	0	58383	3.345
11-10-S	15.71	8.04	27816	0	58383	2.099
11-11-S	15.71	8.04	37956	0	58383	1.538
11-12-S	15.71	8.04	47967	0	58383	1.217
11-13-S	15.71	8.04	57582	0	58383	1.014
11-14-S	15.71	8.04	0	-62	-30110	100.000
11-15-S	15.71	8.04	0	0	0	1000000.000
12-1-S	15.71	8.04	791	-6778	-30110	3.554
12-2-S	15.71	8.04	209	-8085	-30110	2.979
12-3-S	15.71	8.04	549	-10313	-30110	2.919
12-4-S	15.71	8.04	736	-11501	-30110	2.618
12-5-S	15.71	8.04	442	-8255	-30110	3.647
12-6-S	15.71	8.04	75	-5276	-30110	5.707
12-7-S	15.71	8.04	1962	-952	-30110	12.657
12-8-S	15.71	8.04	9682	0	58383	6.030
12-9-S	15.71	8.04	18353	0	58383	3.181
12-10-S	15.71	8.04	28001	0	58383	2.085
12-11-S	15.71	8.04	37739	0	58383	1.547
12-12-S	15.71	8.04	47454	0	58383	1.230
12-13-S	15.71	8.04	57066	0	58383	1.023
12-14-S	15.71	8.04	0	-62	-30110	100.000
12-15-S	15.71	8.04	0	0	0	1000000.000
13-1-S	15.71	8.04	3225	-6798	-30110	3.543
13-2-S	15.71	8.04	127	-8756	-30110	3.439
13-3-S	15.71	8.04	509	-14216	-30110	2.118
13-4-S	15.71	8.04	759	-17378	-30110	1.733
13-5-S	15.71	8.04	394	-13422	-30110	2.243
13-6-S	15.71	8.04	92	-9366	-30110	3.215
13-7-S	15.71	8.04	1211	-3139	-30110	5.756
13-8-S	15.71	8.04	8007	0	58383	7.291
13-9-S	15.71	8.04	17941	0	58383	3.254
13-10-S	15.71	8.04	27804	0	58383	2.100
13-11-S	15.71	8.04	37661	0	58383	1.550
13-12-S	15.71	8.04	47460	0	58383	1.230
13-13-S	15.71	8.04	57076	0	58383	1.023
13-14-S	15.71	8.04	0	-62	-30110	100.000
13-15-S	15.71	8.04	0	0	0	1000000.000
14-1-S	15.71	8.04	9671	-6045	-30110	2.989
14-2-S	15.71	8.04	645	-7728	-30110	3.896

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
14-3-S	15.71	8.04	404	-17997	-30110	1.673
14-4-S	15.71	8.04	634	-24563	-30110	1.226
14-5-S	15.71	8.04	314	-19513	-30110	1.543
14-6-S	15.71	8.04	49	-14517	-30110	2.074
14-7-S	15.71	8.04	626	-6473	-30110	3.721
14-8-S	15.71	8.04	5848	-54	58383	7.987
14-9-S	15.71	8.04	17435	0	58383	3.349
14-10-S	15.71	8.04	27590	0	58383	2.116
14-11-S	15.71	8.04	37609	0	58383	1.552
14-12-S	15.71	8.04	47527	0	58383	1.228
14-13-S	15.71	8.04	57145	0	58383	1.022
14-14-S	15.71	8.04	0	-62	-30110	100.000
14-15-S	15.71	8.04	0	0	0	1000000.000
15-1-S	15.71	8.04	739	-7244	-30110	3.325
15-2-S	15.71	8.04	255	-7268	-30110	3.314
15-3-S	15.71	8.04	644	-8164	-30110	3.688
15-4-S	15.71	8.04	951	-8276	-30110	3.638
15-5-S	15.71	8.04	510	-5766	-30110	5.222
15-6-S	15.71	8.04	96	-3284	-30110	9.169
15-7-S	15.71	8.04	2424	-33	58383	24.082
15-8-S	15.71	8.04	10370	0	58383	5.630
15-9-S	15.71	8.04	18349	0	58383	3.182
15-10-S	15.71	8.04	27878	0	58383	2.094
15-11-S	15.71	8.04	37551	0	58383	1.555
15-12-S	15.71	8.04	47218	0	58383	1.236
15-13-S	15.71	8.04	56839	0	58383	1.027
15-14-S	15.71	8.04	0	-62	-30110	100.000
15-15-S	15.71	8.04	0	0	0	1000000.000
16-1-S	15.71	10.05	12863	-607	58385	4.539
16-2-S	15.71	10.05	579	-5049	-37551	7.437
16-3-S	15.71	10.05	0	-20986	-37551	1.789
16-4-S	15.71	10.05	9	-31203	-37551	1.203
16-5-S	15.71	10.05	0	-25343	-37551	1.482
16-6-S	15.71	10.05	0	-19492	-37551	1.927
16-7-S	15.71	10.05	0	-9585	-37551	3.918
16-8-S	15.71	10.05	3748	-62	58385	12.464
16-9-S	15.71	10.05	16956	0	58385	3.443
16-10-S	15.71	10.05	27391	0	58385	2.132
16-11-S	15.71	10.05	37565	0	58385	1.554
16-12-S	15.71	10.05	47601	0	58385	1.227
16-13-S	15.71	10.05	57219	0	58385	1.020
16-14-S	15.71	10.05	0	-62	-37551	100.000
16-15-S	15.71	10.05	0	0	0	1000000.000
17-1-S	15.71	8.04	739	-7244	-30110	3.325
17-2-S	15.71	8.04	255	-7268	-30110	3.314
17-3-S	15.71	8.04	644	-8164	-30110	3.688
17-4-S	15.71	8.04	951	-8276	-30110	3.638
17-5-S	15.71	8.04	510	-5766	-30110	5.222
17-6-S	15.71	8.04	96	-3284	-30110	9.169
17-7-S	15.71	8.04	2424	-33	58383	24.082
17-8-S	15.71	8.04	10370	0	58383	5.630
17-9-S	15.71	8.04	18349	0	58383	3.182
17-10-S	15.71	8.04	27878	0	58383	2.094
17-11-S	15.71	8.04	37551	0	58383	1.555
17-12-S	15.71	8.04	47217	0	58383	1.236
17-13-S	15.71	8.04	56838	0	58383	1.027
17-14-S	15.71	8.04	0	-62	-30110	100.000
17-15-S	15.71	8.04	0	0	0	1000000.000
18-1-S	15.71	8.04	9672	-6045	-30110	2.989
18-2-S	15.71	8.04	646	-7728	-30110	3.896
18-3-S	15.71	8.04	404	-17997	-30110	1.673
18-4-S	15.71	8.04	634	-24563	-30110	1.226
18-5-S	15.71	8.04	314	-19513	-30110	1.543
18-6-S	15.71	8.04	49	-14517	-30110	2.074
18-7-S	15.71	8.04	626	-6473	-30110	3.721
18-8-S	15.71	8.04	5848	-54	58383	7.987

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
18-9-S	15.71	8.04	17435	0	58383	3.349
18-10-S	15.71	8.04	27590	0	58383	2.116
18-11-S	15.71	8.04	37608	0	58383	1.552
18-12-S	15.71	8.04	47526	0	58383	1.228
18-13-S	15.71	8.04	57143	0	58383	1.022
18-14-S	15.71	8.04	0	-62	-30110	100.000
18-15-S	15.71	8.04	0	0	0	1000000.000
19-1-S	15.71	8.04	3225	-6798	-30110	3.543
19-2-S	15.71	8.04	128	-8755	-30110	3.439
19-3-S	15.71	8.04	509	-14216	-30110	2.118
19-4-S	15.71	8.04	760	-17378	-30110	1.733
19-5-S	15.71	8.04	394	-13422	-30110	2.243
19-6-S	15.71	8.04	92	-9365	-30110	3.215
19-7-S	15.71	8.04	1211	-3138	-30110	5.757
19-8-S	15.71	8.04	8008	0	58383	7.291
19-9-S	15.71	8.04	17942	0	58383	3.254
19-10-S	15.71	8.04	27804	0	58383	2.100
19-11-S	15.71	8.04	37660	0	58383	1.550
19-12-S	15.71	8.04	47460	0	58383	1.230
19-13-S	15.71	8.04	57075	0	58383	1.023
19-14-S	15.71	8.04	0	-62	-30110	100.000
19-15-S	15.71	8.04	0	0	0	1000000.000
20-1-S	15.71	8.04	791	-6778	-30110	3.554
20-2-S	15.71	8.04	209	-8084	-30110	2.980
20-3-S	15.71	8.04	549	-10312	-30110	2.920
20-4-S	15.71	8.04	736	-11500	-30110	2.618
20-5-S	15.71	8.04	442	-8254	-30110	3.648
20-6-S	15.71	8.04	75	-5274	-30110	5.709
20-7-S	15.71	8.04	1964	-951	-30110	12.669
20-8-S	15.71	8.04	9684	0	58383	6.029
20-9-S	15.71	8.04	18355	0	58383	3.181
20-10-S	15.71	8.04	28003	0	58383	2.085
20-11-S	15.71	8.04	37740	0	58383	1.547
20-12-S	15.71	8.04	47454	0	58383	1.230
20-13-S	15.71	8.04	57066	0	58383	1.023
20-14-S	15.71	8.04	0	-62	-30110	100.000
20-15-S	15.71	8.04	0	0	0	1000000.000
21-1-S	15.71	8.04	12850	-3911	-30110	3.079
21-2-S	15.71	8.04	617	-6249	-30110	4.819
21-3-S	15.71	8.04	242	-20249	-30110	1.487
21-4-S	15.71	8.04	388	-29321	-30110	1.027
21-5-S	15.71	8.04	194	-23553	-30110	1.278
21-6-S	15.71	8.04	34	-17818	-30110	1.690
21-7-S	15.71	8.04	313	-8441	-30110	3.567
21-8-S	15.71	8.04	4673	-8	58383	9.994
21-9-S	15.71	8.04	17458	0	58383	3.344
21-10-S	15.71	8.04	27822	0	58383	2.098
21-11-S	15.71	8.04	37961	0	58383	1.538
21-12-S	15.71	8.04	47971	0	58383	1.217
21-13-S	15.71	8.04	57585	0	58383	1.014
21-14-S	15.71	8.04	0	-62	-30110	100.000
21-15-S	15.71	8.04	0	0	0	1000000.000
22-1-S	15.71	8.04	749	-5777	-30110	4.169
22-2-S	15.71	8.04	341	-6193	-30110	3.889
22-3-S	15.71	8.04	573	-7249	-30110	4.154
22-4-S	15.71	8.04	776	-7485	-30110	4.023
22-5-S	15.71	8.04	441	-5074	-30110	5.934
22-6-S	15.71	8.04	132	-2689	-30110	11.197
22-7-S	15.71	8.04	3031	0	58383	19.260
22-8-S	15.71	8.04	11019	0	58383	5.298
22-9-S	15.71	8.04	19008	0	58383	3.072
22-10-S	15.71	8.04	28585	0	58383	2.042
22-11-S	15.71	8.04	38310	0	58383	1.524
22-12-S	15.71	8.04	48023	0	58383	1.216
22-13-S	15.71	8.04	57673	0	58383	1.012
22-14-S	15.71	8.04	0	-62	-30110	100.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
22-15-S	15.71	8.04	0	0	0	1000000.000
23-1-S	18.85	8.04	12810	-3858	-30102	3.121
23-2-S	18.85	8.04	622	-6207	-30102	4.850
23-3-S	18.85	8.04	210	-20135	-30102	1.495
23-4-S	18.85	8.04	343	-29143	-30102	1.033
23-5-S	18.85	8.04	158	-23287	-30102	1.293
23-6-S	18.85	8.04	16	-17475	-30102	1.723
23-7-S	18.85	8.04	337	-8012	-30102	3.006
23-8-S	18.85	8.04	5289	-24	69868	13.211
23-9-S	18.85	8.04	18204	0	69868	3.838
23-10-S	18.85	8.04	28729	0	69868	2.432
23-11-S	18.85	8.04	39030	0	69868	1.790
23-12-S	18.85	8.04	49202	0	69868	1.420
23-13-S	18.85	8.04	58965	0	69868	1.185
23-14-S	18.85	8.04	0	-62	-30102	100.000
23-15-S	18.85	8.04	0	0	0	1000000.000
24-1-S	18.85	8.04	916	-6859	-30102	3.511
24-2-S	18.85	8.04	314	-8137	-30102	2.960
24-3-S	18.85	8.04	689	-10392	-30102	2.897
24-4-S	18.85	8.04	919	-11575	-30102	2.601
24-5-S	18.85	8.04	645	-8179	-30102	3.680
24-6-S	18.85	8.04	281	-5036	-30102	5.978
24-7-S	18.85	8.04	2567	-836	-30102	14.404
24-8-S	18.85	8.04	10751	0	69868	6.499
24-9-S	18.85	8.04	19771	0	69868	3.534
24-10-S	18.85	8.04	29864	0	69868	2.340
24-11-S	18.85	8.04	40056	0	69868	1.744
24-12-S	18.85	8.04	50229	0	69868	1.391
24-13-S	18.85	8.04	60306	0	69868	1.159
24-14-S	18.85	8.04	0	-62	-30102	100.000
24-15-S	18.85	8.04	0	0	0	1000000.000
25-1-S	18.85	8.04	3510	-7220	-30102	4.169
25-2-S	18.85	8.04	74	-9027	-30102	3.335
25-3-S	18.85	8.04	425	-14635	-30102	2.057
25-4-S	18.85	8.04	686	-17896	-30102	1.682
25-5-S	18.85	8.04	304	-13690	-30102	2.199
25-6-S	18.85	8.04	22	-9584	-30102	3.141
25-7-S	18.85	8.04	1538	-3118	-30102	3.862
25-8-S	18.85	8.04	8984	-8	69868	7.777
25-9-S	18.85	8.04	19532	0	69868	3.577
25-10-S	18.85	8.04	30381	0	69868	2.300
25-11-S	18.85	8.04	41257	0	69868	1.694
25-12-S	18.85	8.04	52145	0	69868	1.340
25-13-S	18.85	8.04	63077	0	69868	1.108
25-14-S	18.85	8.04	0	-62	-30102	100.000
25-15-S	18.85	8.04	0	0	0	1000000.000
26-1-S	18.85	8.04	9393	-6858	-30102	3.512
26-2-S	18.85	8.04	972	-9391	-30102	3.205
26-3-S	18.85	8.04	259	-19435	-30102	1.549
26-4-S	18.85	8.04	507	-25982	-30102	1.159
26-5-S	18.85	8.04	194	-21030	-30102	1.431
26-6-S	18.85	8.04	2	-16199	-30102	1.858
26-7-S	18.85	8.04	194	-7281	-30102	4.134
26-8-S	18.85	8.04	5855	-159	69868	11.934
26-9-S	18.85	8.04	18477	0	69868	3.781
26-10-S	18.85	8.04	29972	0	69868	2.331
26-11-S	18.85	8.04	41347	0	69868	1.690
26-12-S	18.85	8.04	53008	0	69868	1.318
26-13-S	18.85	8.04	65670	0	69868	1.064
26-14-S	18.85	8.04	0	-62	-30102	100.000
26-15-S	18.85	8.04	0	0	69868	100.000

Combinazione n° 3 - STR (A1-M1-R3) H - V

Is	Afi	Afs	Mp	Mn	Mu	FS

	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-1-P	8.04	8.04	1636	-633	30109	18.406
1-2-P	8.04	8.04	1319	-3309	-30109	9.098
1-3-P	8.04	8.04	723	-6415	-30109	4.694
1-4-P	8.04	8.04	14	-11909	-30109	2.528
1-5-P	8.04	8.04	4	-13067	-30109	2.304
1-6-P	8.04	8.04	16	-6692	-30109	4.499
1-7-P	8.04	8.04	2823	-3051	30109	8.533
1-8-P	8.04	8.04	2835	-917	30109	10.622
1-9-P	8.04	8.04	4102	-39	30109	7.340
1-10-P	8.04	8.04	4081	-269	30109	7.379
1-11-P	8.04	8.04	3360	-1398	30109	8.960
1-12-P	8.04	8.04	2202	-2945	-30109	10.224
1-13-P	8.04	8.04	76	-6865	-30109	4.386
1-14-P	8.04	8.04	137	-12936	-30109	2.106
1-15-P	8.04	8.04	38	-9254	-30109	3.099
1-16-P	8.04	8.04	0	-3245	-30109	9.280
1-17-P	8.04	8.04	2967	-1810	30109	8.119
1-18-P	8.04	8.04	3448	-438	30109	8.733
1-19-P	8.04	8.04	4865	-2	30109	6.189
1-20-P	8.04	8.04	3518	-591	30109	8.560
1-21-P	8.04	8.04	3045	-2054	30109	7.910
1-22-P	8.04	8.04	0	-3484	-30109	8.641
1-23-P	8.04	8.04	35	-9558	-30109	3.000
1-24-P	8.04	8.04	99	-13265	-30109	2.054
1-25-P	8.04	8.04	40	-7222	-30109	4.169
1-26-P	8.04	8.04	1740	-2902	-30109	10.375
1-27-P	8.04	8.04	2817	-1262	30109	10.688
1-28-P	8.04	8.04	3612	-185	30109	8.336
1-29-P	8.04	8.04	3877	-92	30109	7.766
1-30-P	8.04	8.04	2926	-1051	30109	10.292
1-31-P	8.04	8.04	2943	-2980	30109	8.186
1-32-P	8.04	8.04	34	-6155	-30109	4.892
1-33-P	8.04	8.04	61	-12207	-30109	2.349
1-34-P	8.04	8.04	39	-10992	-30109	2.609
1-35-P	8.04	8.04	2	-4950	-30109	6.082
1-36-P	8.04	8.04	2833	-2540	30109	8.503
1-37-P	8.04	8.04	2970	-788	30109	10.138
1-38-P	8.04	8.04	4091	-20	30109	7.359
1-39-P	8.04	8.04	3298	-366	30109	9.130
1-40-P	8.04	8.04	2725	-1691	30109	8.840
1-41-P	8.04	8.04	532	-3089	-30109	9.747
1-42-P	8.04	8.04	37	-8620	-30109	3.493
1-43-P	8.04	8.04	122	-14719	-30109	1.851
1-44-P	8.04	8.04	37	-8620	-30109	3.493
1-45-P	8.04	8.04	532	-3089	-30109	9.748
1-46-P	8.04	8.04	2725	-1690	30109	8.840
1-47-P	8.04	8.04	3298	-366	30109	9.130
1-48-P	8.04	8.04	4091	-20	30109	7.359
1-49-P	8.04	8.04	2970	-788	30109	10.137
1-50-P	8.04	8.04	2833	-2540	30109	8.502
1-51-P	8.04	8.04	2	-4950	-30109	6.083
1-52-P	8.04	8.04	39	-10991	-30109	2.609
1-53-P	8.04	8.04	61	-12206	-30109	2.349
1-54-P	8.04	8.04	34	-6154	-30109	4.893
1-55-P	8.04	8.04	2943	-2979	30109	8.183
1-56-P	8.04	8.04	2927	-1051	30109	10.285
1-57-P	8.04	8.04	3879	-92	30109	7.761
1-58-P	8.04	8.04	3615	-185	30109	8.330
1-59-P	8.04	8.04	2819	-1261	30109	10.679
1-60-P	8.04	8.04	1741	-2900	-30109	10.384
1-61-P	8.04	8.04	40	-7217	-30109	4.172
1-62-P	8.04	8.04	100	-13259	-30109	2.055
1-63-P	8.04	8.04	36	-9551	-30109	3.002
1-64-P	8.04	8.04	0	-3476	-30109	8.663
1-65-P	8.04	8.04	3053	-2052	30109	7.890
1-66-P	8.04	8.04	3530	-591	30109	8.530
1-67-P	8.04	8.04	4879	-2	30109	6.171
1-68-P	8.04	8.04	3460	-435	30109	8.701
1-69-P	8.04	8.04	2975	-1800	30109	8.096
1-70-P	8.04	8.04	0	-3224	-30109	9.338

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-71-P	8.04	8.04	40	-9232	-30109	3.106
1-72-P	8.04	8.04	139	-12914	-30109	2.110
1-73-P	8.04	8.04	78	-6840	-30109	4.402
1-74-P	8.04	8.04	2224	-2937	-30109	10.250
1-75-P	8.04	8.04	3391	-1398	30109	8.880
1-76-P	8.04	8.04	4114	-271	30109	7.318
1-77-P	8.04	8.04	4135	-38	30109	7.282
1-78-P	8.04	8.04	2860	-906	30109	10.528
1-79-P	8.04	8.04	2840	-3029	30109	8.482
1-80-P	8.04	8.04	16	-6655	-30109	4.524
1-81-P	8.04	8.04	4	-13033	-30109	2.310
1-82-P	8.04	8.04	14	-11882	-30109	2.534
1-83-P	8.04	8.04	721	-6395	-30109	4.708
1-84-P	8.04	8.04	1322	-3295	-30109	9.137
1-85-P	8.04	8.04	1651	-629	30109	18.231
2-1-P	8.04	8.04	446	-1425	-30109	21.130
2-2-P	8.04	8.04	205	-1858	-30109	16.202
2-3-P	8.04	8.04	68	-2699	-30109	11.155
2-4-P	8.04	8.04	51	-4878	-30109	5.879
2-5-P	8.04	8.04	141	-5108	-30109	5.053
2-6-P	8.04	8.04	407	-2423	-30109	9.940
2-7-P	8.04	8.04	1364	-440	30109	17.658
2-8-P	8.04	8.04	2187	-87	30109	13.769
2-9-P	8.04	8.04	3279	-3	30109	9.183
2-10-P	8.04	8.04	3166	-65	30109	9.509
2-11-P	8.04	8.04	2313	-286	30109	13.020
2-12-P	8.04	8.04	1327	-744	30109	18.151
2-13-P	8.04	8.04	505	-2841	-30109	8.478
2-14-P	8.04	8.04	256	-5521	-30109	4.415
2-15-P	8.04	8.04	366	-3935	-30109	5.830
2-16-P	8.04	8.04	683	-1409	-30109	12.821
2-17-P	8.04	8.04	1643	-244	30109	18.325
2-18-P	8.04	8.04	2494	-46	30109	12.073
2-19-P	8.04	8.04	3500	-2	30109	8.602
2-20-P	8.04	8.04	2469	-104	30109	12.197
2-21-P	8.04	8.04	1638	-406	30109	18.381
2-22-P	8.04	8.04	585	-1557	-30109	11.602
2-23-P	8.04	8.04	291	-4183	-30109	5.827
2-24-P	8.04	8.04	183	-5842	-30109	4.417
2-25-P	8.04	8.04	360	-3147	-30109	7.654
2-26-P	8.04	8.04	871	-796	30109	20.731
2-27-P	8.04	8.04	1711	-200	30109	17.599
2-28-P	8.04	8.04	2611	-23	30109	11.532
2-29-P	8.04	8.04	2806	-14	30109	10.730
2-30-P	8.04	8.04	1859	-174	30109	16.196
2-31-P	8.04	8.04	1249	-670	30109	19.291
2-32-P	8.04	8.04	387	-2704	-30109	8.908
2-33-P	8.04	8.04	191	-5410	-30109	4.771
2-34-P	8.04	8.04	225	-4870	-30109	5.005
2-35-P	8.04	8.04	422	-2182	-30109	11.037
2-36-P	8.04	8.04	1295	-532	30109	18.598
2-37-P	8.04	8.04	1975	-121	30109	15.243
2-38-P	8.04	8.04	2948	-3	30109	10.213
2-39-P	8.04	8.04	2339	-53	30109	12.871
2-40-P	8.04	8.04	1487	-296	30109	20.255
2-41-P	8.04	8.04	606	-1229	-30109	14.697
2-42-P	8.04	8.04	296	-3807	-30109	6.026
2-43-P	8.04	8.04	138	-6546	-30109	3.942
2-44-P	8.04	8.04	296	-3807	-30109	6.026
2-45-P	8.04	8.04	606	-1229	-30109	14.698
2-46-P	8.04	8.04	1486	-296	30109	20.255
2-47-P	8.04	8.04	2339	-53	30109	12.871
2-48-P	8.04	8.04	2948	-3	30109	10.213
2-49-P	8.04	8.04	1975	-121	30109	15.242
2-50-P	8.04	8.04	1295	-532	30109	18.596
2-51-P	8.04	8.04	422	-2182	-30109	11.039
2-52-P	8.04	8.04	225	-4870	-30109	5.005
2-53-P	8.04	8.04	191	-5409	-30109	4.771
2-54-P	8.04	8.04	387	-2704	-30109	8.909

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
2-55-P	8.04	8.04	1249	-670	30109	19.283
2-56-P	8.04	8.04	1860	-174	30109	16.186
2-57-P	8.04	8.04	2807	-14	30109	10.725
2-58-P	8.04	8.04	2613	-23	30109	11.524
2-59-P	8.04	8.04	1713	-200	30109	17.580
2-60-P	8.04	8.04	873	-794	30109	20.702
2-61-P	8.04	8.04	360	-3144	-30109	7.662
2-62-P	8.04	8.04	183	-5839	-30109	4.420
2-63-P	8.04	8.04	292	-4179	-30109	5.833
2-64-P	8.04	8.04	587	-1553	-30109	11.632
2-65-P	8.04	8.04	1645	-406	30109	18.298
2-66-P	8.04	8.04	2478	-104	30109	12.151
2-67-P	8.04	8.04	3511	-2	30109	8.576
2-68-P	8.04	8.04	2506	-45	30109	12.017
2-69-P	8.04	8.04	1655	-242	30109	18.195
2-70-P	8.04	8.04	689	-1398	-30109	12.919
2-71-P	8.04	8.04	371	-3920	-30109	5.852
2-72-P	8.04	8.04	261	-5503	-30109	4.430
2-73-P	8.04	8.04	512	-2823	-30109	8.531
2-74-P	8.04	8.04	1349	-738	30109	17.861
2-75-P	8.04	8.04	2343	-287	30109	12.850
2-76-P	8.04	8.04	3199	-66	30109	9.413
2-77-P	8.04	8.04	3311	-3	30109	9.093
2-78-P	8.04	8.04	2216	-83	30109	13.590
2-79-P	8.04	8.04	1383	-426	30109	17.420
2-80-P	8.04	8.04	422	-2373	-30109	10.151
2-81-P	8.04	8.04	153	-5022	-30109	5.139
2-82-P	8.04	8.04	99	-4714	-30109	5.779
2-83-P	8.04	8.04	96	-2350	-30109	10.252
2-84-P	8.04	8.04	235	-1319	-30109	18.260
2-85-P	8.04	8.04	428	-638	-30109	37.767
3-1-P	8.04	8.04	6390	-241	30109	4.712
3-2-P	8.04	8.04	6181	-96	30109	4.871
3-3-P	8.04	8.04	4717	-11	30109	5.775
3-4-P	8.04	8.04	6800	0	30109	4.428
3-5-P	8.04	8.04	7517	0	30109	4.006
3-6-P	8.04	8.04	7985	0	30109	3.771
3-7-P	8.04	8.04	8453	0	30109	3.562
3-8-P	8.04	8.04	8597	0	30109	3.502
3-9-P	8.04	8.04	8741	0	30109	3.445
3-10-P	8.04	8.04	8672	0	30109	3.472
3-11-P	8.04	8.04	8461	0	30109	3.558
3-12-P	8.04	8.04	8236	0	30109	3.656
3-13-P	8.04	8.04	7956	0	30109	3.785
3-14-P	8.04	8.04	7675	0	30109	3.923
3-15-P	8.04	8.04	7744	0	30109	3.888
3-16-P	8.04	8.04	7901	0	30109	3.811
3-17-P	8.04	8.04	8035	0	30109	3.747
3-18-P	8.04	8.04	8136	0	30109	3.701
3-19-P	8.04	8.04	8237	0	30109	3.655
3-20-P	8.04	8.04	8061	0	30109	3.735
3-21-P	8.04	8.04	7885	0	30109	3.819
3-22-P	8.04	8.04	7672	0	30109	3.924
3-23-P	8.04	8.04	7436	0	30109	4.049
3-24-P	8.04	8.04	7287	0	30109	4.132
3-25-P	8.04	8.04	7485	0	30109	4.022
3-26-P	8.04	8.04	7683	0	30109	3.919
3-27-P	8.04	8.04	7830	0	30109	3.845
3-28-P	8.04	8.04	7964	0	30109	3.781
3-29-P	8.04	8.04	7984	0	30109	3.771
3-30-P	8.04	8.04	7833	0	30109	3.844
3-31-P	8.04	8.04	7681	0	30109	3.920
3-32-P	8.04	8.04	7464	0	30109	4.034
3-33-P	8.04	8.04	7246	0	30109	4.156
3-34-P	8.04	8.04	7285	0	30109	4.133
3-35-P	8.04	8.04	7496	0	30109	4.017
3-36-P	8.04	8.04	7693	0	30109	3.914
3-37-P	8.04	8.04	7836	0	30109	3.842
3-38-P	8.04	8.04	7979	0	30109	3.774

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
3-39-P	8.04	8.04	7891	0	30109	3.815
3-40-P	8.04	8.04	7746	0	30109	3.887
3-41-P	8.04	8.04	7573	0	30109	3.976
3-42-P	8.04	8.04	7359	0	30109	4.091
3-43-P	8.04	8.04	7146	0	30109	4.214
3-44-P	8.04	8.04	7359	0	30109	4.091
3-45-P	8.04	8.04	7573	0	30109	3.976
3-46-P	8.04	8.04	7746	0	30109	3.887
3-47-P	8.04	8.04	7891	0	30109	3.816
3-48-P	8.04	8.04	7979	0	30109	3.774
3-49-P	8.04	8.04	7836	0	30109	3.842
3-50-P	8.04	8.04	7693	0	30109	3.914
3-51-P	8.04	8.04	7496	0	30109	4.017
3-52-P	8.04	8.04	7285	0	30109	4.133
3-53-P	8.04	8.04	7246	0	30109	4.156
3-54-P	8.04	8.04	7464	0	30109	4.034
3-55-P	8.04	8.04	7682	0	30109	3.920
3-56-P	8.04	8.04	7833	0	30109	3.844
3-57-P	8.04	8.04	7984	0	30109	3.771
3-58-P	8.04	8.04	7964	0	30109	3.780
3-59-P	8.04	8.04	7831	0	30109	3.845
3-60-P	8.04	8.04	7684	0	30109	3.918
3-61-P	8.04	8.04	7486	0	30109	4.022
3-62-P	8.04	8.04	7289	0	30109	4.131
3-63-P	8.04	8.04	7438	0	30109	4.048
3-64-P	8.04	8.04	7675	0	30109	3.923
3-65-P	8.04	8.04	7888	0	30109	3.817
3-66-P	8.04	8.04	8065	0	30109	3.733
3-67-P	8.04	8.04	8242	0	30109	3.653
3-68-P	8.04	8.04	8143	0	30109	3.697
3-69-P	8.04	8.04	8044	0	30109	3.743
3-70-P	8.04	8.04	7911	0	30109	3.806
3-71-P	8.04	8.04	7757	0	30109	3.882
3-72-P	8.04	8.04	7690	0	30109	3.915
3-73-P	8.04	8.04	7974	0	30109	3.776
3-74-P	8.04	8.04	8258	0	30109	3.646
3-75-P	8.04	8.04	8486	0	30109	3.548
3-76-P	8.04	8.04	8700	0	30109	3.461
3-77-P	8.04	8.04	8769	0	30109	3.434
3-78-P	8.04	8.04	8621	0	30109	3.493
3-79-P	8.04	8.04	8472	0	30109	3.554
3-80-P	8.04	8.04	7892	0	30109	3.815
3-81-P	8.04	8.04	7312	0	30109	4.118
3-82-P	8.04	8.04	6413	0	30109	4.695
3-83-P	8.04	8.04	5302	0	30109	5.679
3-84-P	8.04	8.04	4215	0	30109	7.143
3-85-P	8.04	8.04	3135	0	30109	9.604
5-1-P	4.02	4.02	0	-1	-14789	100.000
5-2-P	4.02	4.02	0	-1	-14789	100.000
5-3-P	4.02	4.02	0	-1	-14789	100.000
5-4-P	4.02	4.02	0	-1	-14789	100.000
5-5-P	4.02	4.02	0	-1	-14789	100.000
5-6-P	4.02	4.02	0	-1	-14789	100.000
5-7-P	4.02	4.02	0	-1	-14789	100.000
5-8-P	4.02	4.02	0	-1	-14789	100.000
5-9-P	4.02	4.02	0	-1	-14789	100.000
5-10-P	4.02	4.02	0	-1	-14789	100.000
5-11-P	4.02	4.02	0	-1	-14789	100.000
5-12-P	4.02	4.02	0	-1	-14789	100.000
5-13-P	4.02	4.02	0	-1	-14789	100.000
5-14-P	4.02	4.02	0	-1	-14789	100.000
5-15-P	4.02	4.02	0	-1	-14789	100.000
5-16-P	4.02	4.02	0	-1	-14789	100.000
5-17-P	4.02	4.02	0	-1	-14789	100.000
5-18-P	4.02	4.02	0	-1	-14789	100.000
5-19-P	4.02	4.02	0	-1	-14789	100.000
5-20-P	4.02	4.02	0	-1	-14789	100.000
5-21-P	4.02	4.02	0	-1	-14789	100.000
5-22-P	4.02	4.02	0	-1	-14789	100.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
5-23-P	4.02	4.02	0	-1	-14789	100.000
5-24-P	4.02	4.02	0	-1	-14789	100.000
5-25-P	4.02	4.02	0	-1	-14789	100.000
5-26-P	4.02	4.02	0	-1	-14789	100.000
5-27-P	4.02	4.02	0	-1	-14789	100.000
5-28-P	4.02	4.02	0	-1	-14789	100.000
5-29-P	4.02	4.02	0	-1	-14789	100.000
5-30-P	4.02	4.02	0	-1	-14789	100.000
5-31-P	4.02	4.02	0	-1	-14789	100.000
5-32-P	4.02	4.02	0	-1	-14789	100.000
5-33-P	4.02	4.02	0	-1	-14789	100.000
5-34-P	4.02	4.02	0	-1	-14789	100.000
5-35-P	4.02	4.02	0	-1	-14789	100.000
5-36-P	4.02	4.02	0	-1	-14789	100.000
5-37-P	4.02	4.02	0	-1	-14789	100.000
5-38-P	4.02	4.02	0	-1	-14789	100.000
5-39-P	4.02	4.02	0	-1	-14789	100.000
5-40-P	4.02	4.02	0	-1	-14789	100.000
5-41-P	4.02	4.02	0	-1	-14789	100.000
5-42-P	4.02	4.02	0	-1	-14789	100.000
5-43-P	4.02	4.02	0	-1	-14789	100.000
5-44-P	4.02	4.02	0	-1	-14789	100.000
5-45-P	4.02	4.02	0	-1	-14789	100.000
5-46-P	4.02	4.02	0	-1	-14789	100.000
5-47-P	4.02	4.02	0	-1	-14789	100.000
5-48-P	4.02	4.02	0	-1	-14789	100.000
5-49-P	4.02	4.02	0	-1	-14789	100.000
5-50-P	4.02	4.02	0	-1	-14789	100.000
5-51-P	4.02	4.02	0	-1	-14789	100.000
5-52-P	4.02	4.02	0	-1	-14789	100.000
5-53-P	4.02	4.02	0	-1	-14789	100.000
5-54-P	4.02	4.02	0	-1	-14789	100.000
5-55-P	4.02	4.02	0	-1	-14789	100.000
5-56-P	4.02	4.02	0	-1	-14789	100.000
5-57-P	4.02	4.02	0	-1	-14789	100.000
5-58-P	4.02	4.02	0	-1	-14789	100.000
5-59-P	4.02	4.02	0	-1	-14789	100.000
5-60-P	4.02	4.02	0	-1	-14789	100.000
5-61-P	4.02	4.02	0	-1	-14789	100.000
5-62-P	4.02	4.02	0	-1	-14789	100.000
5-63-P	4.02	4.02	0	-1	-14789	100.000
5-64-P	4.02	4.02	0	-1	-14789	100.000
5-65-P	4.02	4.02	0	-1	-14789	100.000
5-66-P	4.02	4.02	0	-1	-14789	100.000
5-67-P	4.02	4.02	0	-1	-14789	100.000
5-68-P	4.02	4.02	0	-1	-14789	100.000
5-69-P	4.02	4.02	0	-1	-14789	100.000
5-70-P	4.02	4.02	0	-1	-14789	100.000
5-71-P	4.02	4.02	0	-1	-14789	100.000
5-72-P	4.02	4.02	0	-1	-14789	100.000
5-73-P	4.02	4.02	0	-1	-14789	100.000
5-74-P	4.02	4.02	0	-1	-14789	100.000
5-75-P	4.02	4.02	0	-1	-14789	100.000
5-76-P	4.02	4.02	0	-1	-14789	100.000
5-77-P	4.02	4.02	0	-1	-14789	100.000
5-78-P	4.02	4.02	0	-1	-14789	100.000
5-79-P	4.02	4.02	0	-1	-14789	100.000
5-80-P	4.02	4.02	0	-1	-14789	100.000
5-81-P	4.02	4.02	0	-1	-14789	100.000
5-82-P	4.02	4.02	0	-1	-14789	100.000
5-83-P	4.02	4.02	0	-1	-14789	100.000
5-84-P	4.02	4.02	0	-1	-14789	100.000
5-85-P	4.02	4.02	0	-1	-14789	100.000
6-1-S	18.85	8.04	7410	-5403	-30102	4.457
6-2-S	18.85	8.04	768	-7453	-30102	4.039
6-3-S	18.85	8.04	199	-15423	-30102	1.952
6-4-S	18.85	8.04	391	-20683	-30102	1.455
6-5-S	18.85	8.04	148	-17005	-30102	1.770
6-6-S	18.85	8.04	5	-13426	-30102	2.242

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
6-7-S	18.85	8.04	53	-6668	-30102	4.514
6-8-S	18.85	8.04	3359	-372	69868	16.638
6-9-S	18.85	8.04	12595	-5	69868	5.548
6-10-S	18.85	8.04	21605	0	69868	3.234
6-11-S	18.85	8.04	30566	0	69868	2.286
6-12-S	18.85	8.04	39501	0	69868	1.769
6-13-S	18.85	8.04	48495	0	69868	1.441
6-14-S	18.85	8.04	0	-62	-30102	100.000
6-15-S	18.85	8.04	0	0	69868	100.000
7-1-S	18.85	8.04	2774	-5702	-30102	5.279
7-2-S	18.85	8.04	59	-7188	-30102	4.188
7-3-S	18.85	8.04	333	-11674	-30102	2.579
7-4-S	18.85	8.04	529	-14352	-30102	2.097
7-5-S	18.85	8.04	221	-11278	-30102	2.669
7-6-S	18.85	8.04	12	-8303	-30102	3.625
7-7-S	18.85	8.04	606	-2891	-30102	4.165
7-8-S	18.85	8.04	5737	-14	69868	12.178
7-9-S	18.85	8.04	13731	0	69868	5.088
7-10-S	18.85	8.04	21877	0	69868	3.194
7-11-S	18.85	8.04	30036	0	69868	2.326
7-12-S	18.85	8.04	38170	0	69868	1.830
7-13-S	18.85	8.04	46223	0	69868	1.512
7-14-S	18.85	8.04	0	-62	-30102	100.000
7-15-S	18.85	8.04	0	0	0	1000000.000
8-1-S	18.85	8.04	717	-5408	-30102	4.453
8-2-S	18.85	8.04	221	-6477	-30102	3.718
8-3-S	18.85	8.04	527	-8349	-30102	3.606
8-4-S	18.85	8.04	693	-9388	-30102	3.206
8-5-S	18.85	8.04	458	-6920	-30102	4.350
8-6-S	18.85	8.04	159	-4657	-30102	6.464
8-7-S	18.85	8.04	1268	-938	-30102	12.841
8-8-S	18.85	8.04	7115	0	69868	9.820
8-9-S	18.85	8.04	13900	0	69868	5.026
8-10-S	18.85	8.04	21458	0	69868	3.256
8-11-S	18.85	8.04	29086	0	69868	2.402
8-12-S	18.85	8.04	36686	0	69868	1.904
8-13-S	18.85	8.04	44164	0	69868	1.582
8-14-S	18.85	8.04	0	-62	-30102	100.000
8-15-S	18.85	8.04	0	0	0	1000000.000
9-1-S	18.85	8.04	10107	-3046	-30102	3.953
9-2-S	18.85	8.04	492	-4933	-30102	6.102
9-3-S	18.85	8.04	162	-15954	-30102	1.887
9-4-S	18.85	8.04	264	-23166	-30102	1.299
9-5-S	18.85	8.04	113	-18846	-30102	1.597
9-6-S	18.85	8.04	7	-14570	-30102	2.066
9-7-S	18.85	8.04	79	-7229	-30102	4.164
9-8-S	18.85	8.04	2941	-187	69868	19.003
9-9-S	18.85	8.04	12659	0	69868	5.519
9-10-S	18.85	8.04	20578	0	69868	3.395
9-11-S	18.85	8.04	28314	0	69868	2.468
9-12-S	18.85	8.04	35933	0	69868	1.944
9-13-S	18.85	8.04	43186	0	69868	1.618
9-14-S	18.85	8.04	0	-62	-30102	100.000
9-15-S	18.85	8.04	0	0	0	1000000.000
10-1-S	15.71	8.04	588	-4561	-30110	5.281
10-2-S	15.71	8.04	245	-4957	-30110	4.860
10-3-S	15.71	8.04	439	-5890	-30110	5.112
10-4-S	15.71	8.04	587	-6188	-30110	4.866
10-5-S	15.71	8.04	310	-4488	-30110	6.708
10-6-S	15.71	8.04	73	-2830	-30110	10.641
10-7-S	15.71	8.04	1374	0	58383	42.480
10-8-S	15.71	8.04	7356	0	58383	7.937
10-9-S	15.71	8.04	13338	0	58383	4.377
10-10-S	15.71	8.04	20509	0	58383	2.847
10-11-S	15.71	8.04	27790	0	58383	2.101
10-12-S	15.71	8.04	35049	0	58383	1.666
10-13-S	15.71	8.04	42220	0	58383	1.383

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
10-14-S	15.71	8.04	0	-62	-30110	100.000
10-15-S	15.71	8.04	0	0	0	1000000.000
11-1-S	15.71	8.04	10135	-3084	-30110	3.905
11-2-S	15.71	8.04	487	-4964	-30110	6.065
11-3-S	15.71	8.04	185	-16039	-30110	1.877
11-4-S	15.71	8.04	295	-23298	-30110	1.292
11-5-S	15.71	8.04	138	-19042	-30110	1.581
11-6-S	15.71	8.04	15	-14822	-30110	2.031
11-7-S	15.71	8.04	111	-7598	-30110	3.963
11-8-S	15.71	8.04	2601	-290	58383	17.957
11-9-S	15.71	8.04	12108	0	58383	4.822
11-10-S	15.71	8.04	19910	0	58383	2.932
11-11-S	15.71	8.04	27529	0	58383	2.121
11-12-S	15.71	8.04	35032	0	58383	1.667
11-13-S	15.71	8.04	42178	0	58383	1.384
11-14-S	15.71	8.04	0	-62	-30110	100.000
11-15-S	15.71	8.04	0	0	0	1000000.000
12-1-S	15.71	8.04	624	-5349	-30110	4.503
12-2-S	15.71	8.04	143	-6439	-30110	3.741
12-3-S	15.71	8.04	424	-8291	-30110	3.632
12-4-S	15.71	8.04	561	-9335	-30110	3.225
12-5-S	15.71	8.04	316	-6985	-30110	4.310
12-6-S	15.71	8.04	35	-4865	-30110	6.189
12-7-S	15.71	8.04	810	-1017	-30110	11.844
12-8-S	15.71	8.04	6319	0	58383	9.239
12-9-S	15.71	8.04	12845	0	58383	4.545
12-10-S	15.71	8.04	20078	0	58383	2.908
12-11-S	15.71	8.04	27376	0	58383	2.133
12-12-S	15.71	8.04	34642	0	58383	1.685
12-13-S	15.71	8.04	41786	0	58383	1.397
12-14-S	15.71	8.04	0	-62	-30110	100.000
12-15-S	15.71	8.04	0	0	0	1000000.000
13-1-S	15.71	8.04	2545	-5364	-30110	4.491
13-2-S	15.71	8.04	96	-6970	-30110	4.320
13-3-S	15.71	8.04	391	-11337	-30110	2.656
13-4-S	15.71	8.04	577	-13936	-30110	2.161
13-5-S	15.71	8.04	277	-11047	-30110	2.726
13-6-S	15.71	8.04	43	-8094	-30110	3.720
13-7-S	15.71	8.04	427	-2964	-30110	6.095
13-8-S	15.71	8.04	4992	-1	58383	11.696
13-9-S	15.71	8.04	12519	0	58383	4.664
13-10-S	15.71	8.04	19924	0	58383	2.930
13-11-S	15.71	8.04	27317	0	58383	2.137
13-12-S	15.71	8.04	34653	0	58383	1.685
13-13-S	15.71	8.04	41801	0	58383	1.397
13-14-S	15.71	8.04	0	-62	-30110	100.000
13-15-S	15.71	8.04	0	0	0	1000000.000
14-1-S	15.71	8.04	7631	-4769	-30110	3.788
14-2-S	15.71	8.04	509	-6143	-30110	4.902
14-3-S	15.71	8.04	311	-14284	-30110	2.108
14-4-S	15.71	8.04	484	-19564	-30110	1.539
14-5-S	15.71	8.04	223	-15846	-30110	1.900
14-6-S	15.71	8.04	22	-12186	-30110	2.471
14-7-S	15.71	8.04	165	-5819	-30110	4.139
14-8-S	15.71	8.04	3552	-322	58383	13.150
14-9-S	15.71	8.04	12115	0	58383	4.819
14-10-S	15.71	8.04	19754	0	58383	2.956
14-11-S	15.71	8.04	27278	0	58383	2.140
14-12-S	15.71	8.04	34708	0	58383	1.682
14-13-S	15.71	8.04	41858	0	58383	1.395
14-14-S	15.71	8.04	0	-62	-30110	100.000
14-15-S	15.71	8.04	0	0	0	1000000.000
15-1-S	15.71	8.04	581	-5716	-30110	4.214
15-2-S	15.71	8.04	178	-5800	-30110	4.153
15-3-S	15.71	8.04	496	-6605	-30110	4.559

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
15-4-S	15.71	8.04	724	-6800	-30110	4.428
15-5-S	15.71	8.04	362	-5015	-30110	6.003
15-6-S	15.71	8.04	45	-3277	-30110	9.188
15-7-S	15.71	8.04	989	-92	58383	59.014
15-8-S	15.71	8.04	6877	0	58383	8.490
15-9-S	15.71	8.04	12856	0	58383	4.541
15-10-S	15.71	8.04	19995	0	58383	2.920
15-11-S	15.71	8.04	27241	0	58383	2.143
15-12-S	15.71	8.04	34469	0	58383	1.694
15-13-S	15.71	8.04	41620	0	58383	1.403
15-14-S	15.71	8.04	0	-62	-30110	100.000
15-15-S	15.71	8.04	0	0	0	1000000.000
16-1-S	15.71	10.05	10151	-481	58385	5.752
16-2-S	15.71	10.05	460	-4011	-37551	9.362
16-3-S	15.71	10.05	0	-16609	-37551	2.261
16-4-S	15.71	10.05	6	-24770	-37551	1.516
16-5-S	15.71	10.05	0	-20455	-37551	1.836
16-6-S	15.71	10.05	0	-16146	-37551	2.326
16-7-S	15.71	10.05	0	-8628	-37551	4.352
16-8-S	15.71	10.05	1881	-328	58385	24.838
16-9-S	15.71	10.05	11733	0	58385	4.976
16-10-S	15.71	10.05	19595	0	58385	2.980
16-11-S	15.71	10.05	27243	0	58385	2.143
16-12-S	15.71	10.05	34768	0	58385	1.679
16-13-S	15.71	10.05	41919	0	58385	1.393
16-14-S	15.71	10.05	0	-62	-37551	100.000
16-15-S	15.71	10.05	0	0	0	1000000.000
17-1-S	15.71	8.04	581	-5716	-30110	4.214
17-2-S	15.71	8.04	178	-5800	-30110	4.153
17-3-S	15.71	8.04	496	-6605	-30110	4.559
17-4-S	15.71	8.04	724	-6800	-30110	4.428
17-5-S	15.71	8.04	362	-5015	-30110	6.003
17-6-S	15.71	8.04	45	-3277	-30110	9.188
17-7-S	15.71	8.04	989	-92	58383	59.017
17-8-S	15.71	8.04	6876	0	58383	8.490
17-9-S	15.71	8.04	12856	0	58383	4.541
17-10-S	15.71	8.04	19994	0	58383	2.920
17-11-S	15.71	8.04	27240	0	58383	2.143
17-12-S	15.71	8.04	34468	0	58383	1.694
17-13-S	15.71	8.04	41620	0	58383	1.403
17-14-S	15.71	8.04	0	-62	-30110	100.000
17-15-S	15.71	8.04	0	0	0	1000000.000
18-1-S	15.71	8.04	7631	-4769	-30110	3.788
18-2-S	15.71	8.04	510	-6142	-30110	4.902
18-3-S	15.71	8.04	311	-14284	-30110	2.108
18-4-S	15.71	8.04	484	-19564	-30110	1.539
18-5-S	15.71	8.04	223	-15846	-30110	1.900
18-6-S	15.71	8.04	22	-12186	-30110	2.471
18-7-S	15.71	8.04	165	-5819	-30110	4.140
18-8-S	15.71	8.04	3552	-322	58383	13.150
18-9-S	15.71	8.04	12115	0	58383	4.819
18-10-S	15.71	8.04	19753	0	58383	2.956
18-11-S	15.71	8.04	27277	0	58383	2.140
18-12-S	15.71	8.04	34708	0	58383	1.682
18-13-S	15.71	8.04	41857	0	58383	1.395
18-14-S	15.71	8.04	0	-62	-30110	100.000
18-15-S	15.71	8.04	0	0	0	1000000.000
19-1-S	15.71	8.04	2546	-5364	-30110	4.491
19-2-S	15.71	8.04	97	-6970	-30110	4.320
19-3-S	15.71	8.04	391	-11337	-30110	2.656
19-4-S	15.71	8.04	578	-13936	-30110	2.161
19-5-S	15.71	8.04	277	-11046	-30110	2.726
19-6-S	15.71	8.04	43	-8093	-30110	3.720
19-7-S	15.71	8.04	427	-2964	-30110	6.095
19-8-S	15.71	8.04	4992	-1	58383	11.695
19-9-S	15.71	8.04	12519	0	58383	4.664

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
19-10-S	15.71	8.04	19924	0	58383	2.930
19-11-S	15.71	8.04	27317	0	58383	2.137
19-12-S	15.71	8.04	34653	0	58383	1.685
19-13-S	15.71	8.04	41800	0	58383	1.397
19-14-S	15.71	8.04	0	-62	-30110	100.000
19-15-S	15.71	8.04	0	0	0	1000000.000
20-1-S	15.71	8.04	624	-5349	-30110	4.504
20-2-S	15.71	8.04	143	-6438	-30110	3.741
20-3-S	15.71	8.04	424	-8290	-30110	3.632
20-4-S	15.71	8.04	561	-9334	-30110	3.226
20-5-S	15.71	8.04	316	-6984	-30110	4.311
20-6-S	15.71	8.04	35	-4863	-30110	6.191
20-7-S	15.71	8.04	811	-1016	-30110	11.853
20-8-S	15.71	8.04	6321	0	58383	9.236
20-9-S	15.71	8.04	12847	0	58383	4.545
20-10-S	15.71	8.04	20079	0	58383	2.908
20-11-S	15.71	8.04	27376	0	58383	2.133
20-12-S	15.71	8.04	34642	0	58383	1.685
20-13-S	15.71	8.04	41786	0	58383	1.397
20-14-S	15.71	8.04	0	-62	-30110	100.000
20-15-S	15.71	8.04	0	0	0	1000000.000
21-1-S	15.71	8.04	10137	-3084	-30110	3.905
21-2-S	15.71	8.04	487	-4964	-30110	6.066
21-3-S	15.71	8.04	186	-16038	-30110	1.877
21-4-S	15.71	8.04	296	-23297	-30110	1.292
21-5-S	15.71	8.04	138	-19040	-30110	1.581
21-6-S	15.71	8.04	16	-14818	-30110	2.032
21-7-S	15.71	8.04	112	-7595	-30110	3.965
21-8-S	15.71	8.04	2604	-289	58383	17.933
21-9-S	15.71	8.04	12112	0	58383	4.820
21-10-S	15.71	8.04	19914	0	58383	2.932
21-11-S	15.71	8.04	27532	0	58383	2.121
21-12-S	15.71	8.04	35034	0	58383	1.666
21-13-S	15.71	8.04	42180	0	58383	1.384
21-14-S	15.71	8.04	0	-62	-30110	100.000
21-15-S	15.71	8.04	0	0	0	1000000.000
22-1-S	15.71	8.04	589	-4560	-30110	5.282
22-2-S	15.71	8.04	246	-4955	-30110	4.861
22-3-S	15.71	8.04	440	-5888	-30110	5.114
22-4-S	15.71	8.04	588	-6184	-30110	4.869
22-5-S	15.71	8.04	311	-4484	-30110	6.716
22-6-S	15.71	8.04	74	-2823	-30110	10.664
22-7-S	15.71	8.04	1382	0	58383	42.234
22-8-S	15.71	8.04	7365	0	58383	7.927
22-9-S	15.71	8.04	13348	0	58383	4.374
22-10-S	15.71	8.04	20519	0	58383	2.845
22-11-S	15.71	8.04	27800	0	58383	2.100
22-12-S	15.71	8.04	35059	0	58383	1.665
22-13-S	15.71	8.04	42229	0	58383	1.383
22-14-S	15.71	8.04	0	-62	-30110	100.000
22-15-S	15.71	8.04	0	0	0	1000000.000
23-1-S	18.85	8.04	10108	-3045	-30102	3.954
23-2-S	18.85	8.04	493	-4931	-30102	6.104
23-3-S	18.85	8.04	162	-15951	-30102	1.887
23-4-S	18.85	8.04	263	-23161	-30102	1.300
23-5-S	18.85	8.04	113	-18838	-30102	1.598
23-6-S	18.85	8.04	7	-14559	-30102	2.068
23-7-S	18.85	8.04	79	-7216	-30102	4.172
23-8-S	18.85	8.04	2954	-183	69868	18.920
23-9-S	18.85	8.04	12679	0	69868	5.511
23-10-S	18.85	8.04	20600	0	69868	3.392
23-11-S	18.85	8.04	28338	0	69868	2.466
23-12-S	18.85	8.04	35959	0	69868	1.943
23-13-S	18.85	8.04	43213	0	69868	1.617
23-14-S	18.85	8.04	0	-62	-30102	100.000
23-15-S	18.85	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
24-1-S	18.85	8.04	720	-5410	-30102	4.452
24-2-S	18.85	8.04	224	-6478	-30102	3.717
24-3-S	18.85	8.04	530	-8349	-30102	3.605
24-4-S	18.85	8.04	698	-9388	-30102	3.206
24-5-S	18.85	8.04	463	-6917	-30102	4.352
24-6-S	18.85	8.04	164	-4651	-30102	6.472
24-7-S	18.85	8.04	1281	-934	-30102	12.885
24-8-S	18.85	8.04	7139	0	69868	9.787
24-9-S	18.85	8.04	13931	0	69868	5.015
24-10-S	18.85	8.04	21498	0	69868	3.250
24-11-S	18.85	8.04	29136	0	69868	2.398
24-12-S	18.85	8.04	36746	0	69868	1.901
24-13-S	18.85	8.04	44235	0	69868	1.579
24-14-S	18.85	8.04	0	-62	-30102	100.000
24-15-S	18.85	8.04	0	0	0	1000000.000
25-1-S	18.85	8.04	2773	-5704	-30102	5.277
25-2-S	18.85	8.04	58	-7193	-30102	4.185
25-3-S	18.85	8.04	332	-11679	-30102	2.578
25-4-S	18.85	8.04	528	-14355	-30102	2.097
25-5-S	18.85	8.04	219	-11276	-30102	2.670
25-6-S	18.85	8.04	11	-8297	-30102	3.628
25-7-S	18.85	8.04	613	-2886	-30102	4.172
25-8-S	18.85	8.04	5760	-19	69868	12.130
25-9-S	18.85	8.04	13755	0	69868	5.079
25-10-S	18.85	8.04	21920	0	69868	3.187
25-11-S	18.85	8.04	30098	0	69868	2.321
25-12-S	18.85	8.04	38269	0	69868	1.826
25-13-S	18.85	8.04	46416	0	69868	1.505
25-14-S	18.85	8.04	0	-62	-30102	100.000
25-15-S	18.85	8.04	0	0	0	1000000.000
26-1-S	18.85	8.04	7407	-5407	-30102	4.454
26-2-S	18.85	8.04	766	-7457	-30102	4.037
26-3-S	18.85	8.04	201	-15428	-30102	1.951
26-4-S	18.85	8.04	389	-20698	-30102	1.454
26-5-S	18.85	8.04	137	-17063	-30102	1.764
26-6-S	18.85	8.04	0	-13543	-30102	2.223
26-7-S	18.85	8.04	61	-6707	-30102	4.488
26-8-S	18.85	8.04	3499	-356	69868	15.975
26-9-S	18.85	8.04	12931	0	69868	5.403
26-10-S	18.85	8.04	21651	0	69868	3.227
26-11-S	18.85	8.04	30272	0	69868	2.308
26-12-S	18.85	8.04	39091	0	69868	1.787
26-13-S	18.85	8.04	48607	0	69868	1.437
26-14-S	18.85	8.04	0	-62	-30102	100.000
26-15-S	18.85	8.04	0	0	69868	100.000

Combinazione n° 4 - STR (A1-M1-R3)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-1-P	8.04	8.04	0	0	0	1000000.000
1-2-P	8.04	8.04	0	0	0	1000000.000
1-3-P	8.04	8.04	0	0	0	1000000.000
1-4-P	8.04	8.04	0	0	0	1000000.000
1-5-P	8.04	8.04	0	0	0	1000000.000
1-6-P	8.04	8.04	0	0	0	1000000.000
1-7-P	8.04	8.04	0	0	0	1000000.000
1-8-P	8.04	8.04	0	0	0	1000000.000
1-9-P	8.04	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
1-10-P	8.04	8.04	0	0	0	1000000.000
1-11-P	8.04	8.04	0	0	0	1000000.000
1-12-P	8.04	8.04	0	0	0	1000000.000
1-13-P	8.04	8.04	0	0	0	1000000.000
1-14-P	8.04	8.04	0	0	0	1000000.000
1-15-P	8.04	8.04	0	0	0	1000000.000
1-16-P	8.04	8.04	0	0	0	1000000.000
1-17-P	8.04	8.04	0	0	0	1000000.000
1-18-P	8.04	8.04	0	0	0	1000000.000
1-19-P	8.04	8.04	0	0	0	1000000.000
1-20-P	8.04	8.04	0	0	0	1000000.000
1-21-P	8.04	8.04	0	0	0	1000000.000
1-22-P	8.04	8.04	0	0	0	1000000.000
1-23-P	8.04	8.04	0	0	0	1000000.000
1-24-P	8.04	8.04	0	0	0	1000000.000
1-25-P	8.04	8.04	0	0	0	1000000.000
1-26-P	8.04	8.04	0	0	0	1000000.000
1-27-P	8.04	8.04	0	0	0	1000000.000
1-28-P	8.04	8.04	0	0	0	1000000.000
1-29-P	8.04	8.04	0	0	0	1000000.000
1-30-P	8.04	8.04	0	0	0	1000000.000
1-31-P	8.04	8.04	0	0	0	1000000.000
1-32-P	8.04	8.04	0	0	0	1000000.000
1-33-P	8.04	8.04	0	0	0	1000000.000
1-34-P	8.04	8.04	0	0	0	1000000.000
1-35-P	8.04	8.04	0	0	0	1000000.000
1-36-P	8.04	8.04	0	0	0	1000000.000
1-37-P	8.04	8.04	0	0	0	1000000.000
1-38-P	8.04	8.04	0	0	0	1000000.000
1-39-P	8.04	8.04	0	0	0	1000000.000
1-40-P	8.04	8.04	0	0	0	1000000.000
1-41-P	8.04	8.04	0	0	0	1000000.000
1-42-P	8.04	8.04	0	0	0	1000000.000
1-43-P	8.04	8.04	0	0	0	1000000.000
1-44-P	8.04	8.04	0	0	0	1000000.000
1-45-P	8.04	8.04	0	0	0	1000000.000
1-46-P	8.04	8.04	0	0	0	1000000.000
1-47-P	8.04	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-48-P	8.04	8.04	0	0	0	1000000.000
1-49-P	8.04	8.04	0	0	0	1000000.000
1-50-P	8.04	8.04	0	0	0	1000000.000
1-51-P	8.04	8.04	0	0	0	1000000.000
1-52-P	8.04	8.04	0	0	0	1000000.000
1-53-P	8.04	8.04	0	0	0	1000000.000
1-54-P	8.04	8.04	0	0	0	1000000.000
1-55-P	8.04	8.04	0	0	0	1000000.000
1-56-P	8.04	8.04	0	0	0	1000000.000
1-57-P	8.04	8.04	0	0	0	1000000.000
1-58-P	8.04	8.04	0	0	0	1000000.000
1-59-P	8.04	8.04	0	0	0	1000000.000
1-60-P	8.04	8.04	0	0	0	1000000.000
1-61-P	8.04	8.04	0	0	0	1000000.000
1-62-P	8.04	8.04	0	0	0	1000000.000
1-63-P	8.04	8.04	0	0	0	1000000.000
1-64-P	8.04	8.04	0	0	0	1000000.000
1-65-P	8.04	8.04	0	0	0	1000000.000
1-66-P	8.04	8.04	0	0	0	1000000.000
1-67-P	8.04	8.04	0	0	0	1000000.000
1-68-P	8.04	8.04	0	0	0	1000000.000
1-69-P	8.04	8.04	0	0	0	1000000.000
1-70-P	8.04	8.04	0	0	0	1000000.000
1-71-P	8.04	8.04	0	0	0	1000000.000
1-72-P	8.04	8.04	0	0	0	1000000.000
1-73-P	8.04	8.04	0	0	0	1000000.000
1-74-P	8.04	8.04	0	0	0	1000000.000
1-75-P	8.04	8.04	0	0	0	1000000.000
1-76-P	8.04	8.04	0	0	0	1000000.000
1-77-P	8.04	8.04	0	0	0	1000000.000
1-78-P	8.04	8.04	0	0	0	1000000.000
1-79-P	8.04	8.04	0	0	0	1000000.000
1-80-P	8.04	8.04	0	0	0	1000000.000
1-81-P	8.04	8.04	0	0	0	1000000.000
1-82-P	8.04	8.04	0	0	0	1000000.000
1-83-P	8.04	8.04	0	0	0	1000000.000
1-84-P	8.04	8.04	0	0	0	1000000.000
1-85-P	8.04	8.04	0	0	0	1000000.000
2-1-P	8.04	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
2-2-P	8.04	8.04	0	0	0	1000000.000
2-3-P	8.04	8.04	0	0	0	1000000.000
2-4-P	8.04	8.04	0	0	0	1000000.000
2-5-P	8.04	8.04	0	0	0	1000000.000
2-6-P	8.04	8.04	0	0	0	1000000.000
2-7-P	8.04	8.04	0	0	0	1000000.000
2-8-P	8.04	8.04	0	0	0	1000000.000
2-9-P	8.04	8.04	0	0	0	1000000.000
2-10-P	8.04	8.04	0	0	0	1000000.000
2-11-P	8.04	8.04	0	0	0	1000000.000
2-12-P	8.04	8.04	0	0	0	1000000.000
2-13-P	8.04	8.04	0	0	0	1000000.000
2-14-P	8.04	8.04	0	0	0	1000000.000
2-15-P	8.04	8.04	0	0	0	1000000.000
2-16-P	8.04	8.04	0	0	0	1000000.000
2-17-P	8.04	8.04	0	0	0	1000000.000
2-18-P	8.04	8.04	0	0	0	1000000.000
2-19-P	8.04	8.04	0	0	0	1000000.000
2-20-P	8.04	8.04	0	0	0	1000000.000
2-21-P	8.04	8.04	0	0	0	1000000.000
2-22-P	8.04	8.04	0	0	0	1000000.000
2-23-P	8.04	8.04	0	0	0	1000000.000
2-24-P	8.04	8.04	0	0	0	1000000.000
2-25-P	8.04	8.04	0	0	0	1000000.000
2-26-P	8.04	8.04	0	0	0	1000000.000
2-27-P	8.04	8.04	0	0	0	1000000.000
2-28-P	8.04	8.04	0	0	0	1000000.000
2-29-P	8.04	8.04	0	0	0	1000000.000
2-30-P	8.04	8.04	0	0	0	1000000.000
2-31-P	8.04	8.04	0	0	0	1000000.000
2-32-P	8.04	8.04	0	0	0	1000000.000
2-33-P	8.04	8.04	0	0	0	1000000.000
2-34-P	8.04	8.04	0	0	0	1000000.000
2-35-P	8.04	8.04	0	0	0	1000000.000
2-36-P	8.04	8.04	0	0	0	1000000.000
2-37-P	8.04	8.04	0	0	0	1000000.000
2-38-P	8.04	8.04	0	0	0	1000000.000
2-39-P	8.04	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
2-40-P	8.04	8.04	0	0	0	1000000.000
2-41-P	8.04	8.04	0	0	0	1000000.000
2-42-P	8.04	8.04	0	0	0	1000000.000
2-43-P	8.04	8.04	0	0	0	1000000.000
2-44-P	8.04	8.04	0	0	0	1000000.000
2-45-P	8.04	8.04	0	0	0	1000000.000
2-46-P	8.04	8.04	0	0	0	1000000.000
2-47-P	8.04	8.04	0	0	0	1000000.000
2-48-P	8.04	8.04	0	0	0	1000000.000
2-49-P	8.04	8.04	0	0	0	1000000.000
2-50-P	8.04	8.04	0	0	0	1000000.000
2-51-P	8.04	8.04	0	0	0	1000000.000
2-52-P	8.04	8.04	0	0	0	1000000.000
2-53-P	8.04	8.04	0	0	0	1000000.000
2-54-P	8.04	8.04	0	0	0	1000000.000
2-55-P	8.04	8.04	0	0	0	1000000.000
2-56-P	8.04	8.04	0	0	0	1000000.000
2-57-P	8.04	8.04	0	0	0	1000000.000
2-58-P	8.04	8.04	0	0	0	1000000.000
2-59-P	8.04	8.04	0	0	0	1000000.000
2-60-P	8.04	8.04	0	0	0	1000000.000
2-61-P	8.04	8.04	0	0	0	1000000.000
2-62-P	8.04	8.04	0	0	0	1000000.000
2-63-P	8.04	8.04	0	0	0	1000000.000
2-64-P	8.04	8.04	0	0	0	1000000.000
2-65-P	8.04	8.04	0	0	0	1000000.000
2-66-P	8.04	8.04	0	0	0	1000000.000
2-67-P	8.04	8.04	0	0	0	1000000.000
2-68-P	8.04	8.04	0	0	0	1000000.000
2-69-P	8.04	8.04	0	0	0	1000000.000
2-70-P	8.04	8.04	0	0	0	1000000.000
2-71-P	8.04	8.04	0	0	0	1000000.000
2-72-P	8.04	8.04	0	0	0	1000000.000
2-73-P	8.04	8.04	0	0	0	1000000.000
2-74-P	8.04	8.04	0	0	0	1000000.000
2-75-P	8.04	8.04	0	0	0	1000000.000
2-76-P	8.04	8.04	0	0	0	1000000.000
2-77-P	8.04	8.04	0	0	0	1000000.000
2-78-P	8.04	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
2-79-P	8.04	8.04	0	0	0	1000000.000
2-80-P	8.04	8.04	0	0	0	1000000.000
2-81-P	8.04	8.04	0	0	0	1000000.000
2-82-P	8.04	8.04	0	0	0	1000000.000
2-83-P	8.04	8.04	0	0	0	1000000.000
2-84-P	8.04	8.04	0	0	0	1000000.000
2-85-P	8.04	8.04	0	0	0	1000000.000
3-1-P	8.04	8.04	0	0	0	1000000.000
3-2-P	8.04	8.04	0	0	0	1000000.000
3-3-P	8.04	8.04	0	0	0	1000000.000
3-4-P	8.04	8.04	0	0	0	1000000.000
3-5-P	8.04	8.04	0	0	0	1000000.000
3-6-P	8.04	8.04	0	0	0	1000000.000
3-7-P	8.04	8.04	0	0	0	1000000.000
3-8-P	8.04	8.04	0	0	0	1000000.000
3-9-P	8.04	8.04	0	0	0	1000000.000
3-10-P	8.04	8.04	0	0	0	1000000.000
3-11-P	8.04	8.04	0	0	0	1000000.000
3-12-P	8.04	8.04	0	0	0	1000000.000
3-13-P	8.04	8.04	0	0	0	1000000.000
3-14-P	8.04	8.04	0	0	0	1000000.000
3-15-P	8.04	8.04	0	0	0	1000000.000
3-16-P	8.04	8.04	0	0	0	1000000.000
3-17-P	8.04	8.04	0	0	0	1000000.000
3-18-P	8.04	8.04	0	0	0	1000000.000
3-19-P	8.04	8.04	0	0	0	1000000.000
3-20-P	8.04	8.04	0	0	0	1000000.000
3-21-P	8.04	8.04	0	0	0	1000000.000
3-22-P	8.04	8.04	0	0	0	1000000.000
3-23-P	8.04	8.04	0	0	0	1000000.000
3-24-P	8.04	8.04	0	0	0	1000000.000
3-25-P	8.04	8.04	0	0	0	1000000.000
3-26-P	8.04	8.04	0	0	0	1000000.000
3-27-P	8.04	8.04	0	0	0	1000000.000
3-28-P	8.04	8.04	0	0	0	1000000.000
3-29-P	8.04	8.04	0	0	0	1000000.000
3-30-P	8.04	8.04	0	0	0	1000000.000
3-31-P	8.04	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
3-32-P	8.04	8.04	0	0	0	1000000.000
3-33-P	8.04	8.04	0	0	0	1000000.000
3-34-P	8.04	8.04	0	0	0	1000000.000
3-35-P	8.04	8.04	0	0	0	1000000.000
3-36-P	8.04	8.04	0	0	0	1000000.000
3-37-P	8.04	8.04	0	0	0	1000000.000
3-38-P	8.04	8.04	0	0	0	1000000.000
3-39-P	8.04	8.04	0	0	0	1000000.000
3-40-P	8.04	8.04	0	0	0	1000000.000
3-41-P	8.04	8.04	0	0	0	1000000.000
3-42-P	8.04	8.04	0	0	0	1000000.000
3-43-P	8.04	8.04	0	0	0	1000000.000
3-44-P	8.04	8.04	0	0	0	1000000.000
3-45-P	8.04	8.04	0	0	0	1000000.000
3-46-P	8.04	8.04	0	0	0	1000000.000
3-47-P	8.04	8.04	0	0	0	1000000.000
3-48-P	8.04	8.04	0	0	0	1000000.000
3-49-P	8.04	8.04	0	0	0	1000000.000
3-50-P	8.04	8.04	0	0	0	1000000.000
3-51-P	8.04	8.04	0	0	0	1000000.000
3-52-P	8.04	8.04	0	0	0	1000000.000
3-53-P	8.04	8.04	0	0	0	1000000.000
3-54-P	8.04	8.04	0	0	0	1000000.000
3-55-P	8.04	8.04	0	0	0	1000000.000
3-56-P	8.04	8.04	0	0	0	1000000.000
3-57-P	8.04	8.04	0	0	0	1000000.000
3-58-P	8.04	8.04	0	0	0	1000000.000
3-59-P	8.04	8.04	0	0	0	1000000.000
3-60-P	8.04	8.04	0	0	0	1000000.000
3-61-P	8.04	8.04	0	0	0	1000000.000
3-62-P	8.04	8.04	0	0	0	1000000.000
3-63-P	8.04	8.04	0	0	0	1000000.000
3-64-P	8.04	8.04	0	0	0	1000000.000
3-65-P	8.04	8.04	0	0	0	1000000.000
3-66-P	8.04	8.04	0	0	0	1000000.000
3-67-P	8.04	8.04	0	0	0	1000000.000
3-68-P	8.04	8.04	0	0	0	1000000.000
3-69-P	8.04	8.04	0	0	0	1000000.000
3-70-P	8.04	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
3-71-P	8.04	8.04	0	0	0	1000000.000
3-72-P	8.04	8.04	0	0	0	1000000.000
3-73-P	8.04	8.04	0	0	0	1000000.000
3-74-P	8.04	8.04	0	0	0	1000000.000
3-75-P	8.04	8.04	0	0	0	1000000.000
3-76-P	8.04	8.04	0	0	0	1000000.000
3-77-P	8.04	8.04	0	0	0	1000000.000
3-78-P	8.04	8.04	0	0	0	1000000.000
3-79-P	8.04	8.04	0	0	0	1000000.000
3-80-P	8.04	8.04	0	0	0	1000000.000
3-81-P	8.04	8.04	0	0	0	1000000.000
3-82-P	8.04	8.04	0	0	0	1000000.000
3-83-P	8.04	8.04	0	0	0	1000000.000
3-84-P	8.04	8.04	0	0	0	1000000.000
3-85-P	8.04	8.04	0	0	0	1000000.000
5-1-P	4.02	4.02	0	0	0	1000000.000
5-2-P	4.02	4.02	0	0	0	1000000.000
5-3-P	4.02	4.02	0	0	0	1000000.000
5-4-P	4.02	4.02	0	0	0	1000000.000
5-5-P	4.02	4.02	0	0	0	1000000.000
5-6-P	4.02	4.02	0	0	0	1000000.000
5-7-P	4.02	4.02	0	0	0	1000000.000
5-8-P	4.02	4.02	0	0	0	1000000.000
5-9-P	4.02	4.02	0	0	0	1000000.000
5-10-P	4.02	4.02	0	0	0	1000000.000
5-11-P	4.02	4.02	0	0	0	1000000.000
5-12-P	4.02	4.02	0	0	0	1000000.000
5-13-P	4.02	4.02	0	0	0	1000000.000
5-14-P	4.02	4.02	0	0	0	1000000.000
5-15-P	4.02	4.02	0	0	0	1000000.000
5-16-P	4.02	4.02	0	0	0	1000000.000
5-17-P	4.02	4.02	0	0	0	1000000.000
5-18-P	4.02	4.02	0	0	0	1000000.000
5-19-P	4.02	4.02	0	0	0	1000000.000
5-20-P	4.02	4.02	0	0	0	1000000.000
5-21-P	4.02	4.02	0	0	0	1000000.000
5-22-P	4.02	4.02	0	0	0	1000000.000
5-23-P	4.02	4.02	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
5-24-P	4.02	4.02	0	0	0	1000000.000
5-25-P	4.02	4.02	0	0	0	1000000.000
5-26-P	4.02	4.02	0	0	0	1000000.000
5-27-P	4.02	4.02	0	0	0	1000000.000
5-28-P	4.02	4.02	0	0	0	1000000.000
5-29-P	4.02	4.02	0	0	0	1000000.000
5-30-P	4.02	4.02	0	0	0	1000000.000
5-31-P	4.02	4.02	0	0	0	1000000.000
5-32-P	4.02	4.02	0	0	0	1000000.000
5-33-P	4.02	4.02	0	0	0	1000000.000
5-34-P	4.02	4.02	0	0	0	1000000.000
5-35-P	4.02	4.02	0	0	0	1000000.000
5-36-P	4.02	4.02	0	0	0	1000000.000
5-37-P	4.02	4.02	0	0	0	1000000.000
5-38-P	4.02	4.02	0	0	0	1000000.000
5-39-P	4.02	4.02	0	0	0	1000000.000
5-40-P	4.02	4.02	0	0	0	1000000.000
5-41-P	4.02	4.02	0	0	0	1000000.000
5-42-P	4.02	4.02	0	0	0	1000000.000
5-43-P	4.02	4.02	0	0	0	1000000.000
5-44-P	4.02	4.02	0	0	0	1000000.000
5-45-P	4.02	4.02	0	0	0	1000000.000
5-46-P	4.02	4.02	0	0	0	1000000.000
5-47-P	4.02	4.02	0	0	0	1000000.000
5-48-P	4.02	4.02	0	0	0	1000000.000
5-49-P	4.02	4.02	0	0	0	1000000.000
5-50-P	4.02	4.02	0	0	0	1000000.000
5-51-P	4.02	4.02	0	0	0	1000000.000
5-52-P	4.02	4.02	0	0	0	1000000.000
5-53-P	4.02	4.02	0	0	0	1000000.000
5-54-P	4.02	4.02	0	0	0	1000000.000
5-55-P	4.02	4.02	0	0	0	1000000.000
5-56-P	4.02	4.02	0	0	0	1000000.000
5-57-P	4.02	4.02	0	0	0	1000000.000
5-58-P	4.02	4.02	0	0	0	1000000.000
5-59-P	4.02	4.02	0	0	0	1000000.000
5-60-P	4.02	4.02	0	0	0	1000000.000
5-61-P	4.02	4.02	0	0	0	1000000.000
5-62-P	4.02	4.02	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
5-63-P	4.02	4.02	0	0	0	1000000.000
5-64-P	4.02	4.02	0	0	0	1000000.000
5-65-P	4.02	4.02	0	0	0	1000000.000
5-66-P	4.02	4.02	0	0	0	1000000.000
5-67-P	4.02	4.02	0	0	0	1000000.000
5-68-P	4.02	4.02	0	0	0	1000000.000
5-69-P	4.02	4.02	0	0	0	1000000.000
5-70-P	4.02	4.02	0	0	0	1000000.000
5-71-P	4.02	4.02	0	0	0	1000000.000
5-72-P	4.02	4.02	0	0	0	1000000.000
5-73-P	4.02	4.02	0	0	0	1000000.000
5-74-P	4.02	4.02	0	0	0	1000000.000
5-75-P	4.02	4.02	0	0	0	1000000.000
5-76-P	4.02	4.02	0	0	0	1000000.000
5-77-P	4.02	4.02	0	0	0	1000000.000
5-78-P	4.02	4.02	0	0	0	1000000.000
5-79-P	4.02	4.02	0	0	0	1000000.000
5-80-P	4.02	4.02	0	0	0	1000000.000
5-81-P	4.02	4.02	0	0	0	1000000.000
5-82-P	4.02	4.02	0	0	0	1000000.000
5-83-P	4.02	4.02	0	0	0	1000000.000
5-84-P	4.02	4.02	0	0	0	1000000.000
5-85-P	4.02	4.02	0	0	0	1000000.000
6-1-S	18.85	8.04	0	0	0	1000000.000
6-2-S	18.85	8.04	0	0	0	1000000.000
6-3-S	18.85	8.04	0	0	0	1000000.000
6-4-S	18.85	8.04	0	0	0	1000000.000
6-5-S	18.85	8.04	0	0	0	1000000.000
6-6-S	18.85	8.04	0	0	0	1000000.000
6-7-S	18.85	8.04	0	0	0	1000000.000
6-8-S	18.85	8.04	0	0	0	1000000.000
6-9-S	18.85	8.04	0	0	0	1000000.000
6-10-S	18.85	8.04	0	0	0	1000000.000
6-11-S	18.85	8.04	0	0	0	1000000.000
6-12-S	18.85	8.04	0	0	0	1000000.000
6-13-S	18.85	8.04	0	0	0	1000000.000
6-14-S	18.85	8.04	0	0	0	1000000.000
6-15-S	18.85	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
7-1-S	18.85	8.04	0	0	0	1000000.000
7-2-S	18.85	8.04	0	0	0	1000000.000
7-3-S	18.85	8.04	0	0	0	1000000.000
7-4-S	18.85	8.04	0	0	0	1000000.000
7-5-S	18.85	8.04	0	0	0	1000000.000
7-6-S	18.85	8.04	0	0	0	1000000.000
7-7-S	18.85	8.04	0	0	0	1000000.000
7-8-S	18.85	8.04	0	0	0	1000000.000
7-9-S	18.85	8.04	0	0	0	1000000.000
7-10-S	18.85	8.04	0	0	0	1000000.000
7-11-S	18.85	8.04	0	0	0	1000000.000
7-12-S	18.85	8.04	0	0	0	1000000.000
7-13-S	18.85	8.04	0	0	0	1000000.000
7-14-S	18.85	8.04	0	0	0	1000000.000
7-15-S	18.85	8.04	0	0	0	1000000.000
8-1-S	18.85	8.04	0	0	0	1000000.000
8-2-S	18.85	8.04	0	0	0	1000000.000
8-3-S	18.85	8.04	0	0	0	1000000.000
8-4-S	18.85	8.04	0	0	0	1000000.000
8-5-S	18.85	8.04	0	0	0	1000000.000
8-6-S	18.85	8.04	0	0	0	1000000.000
8-7-S	18.85	8.04	0	0	0	1000000.000
8-8-S	18.85	8.04	0	0	0	1000000.000
8-9-S	18.85	8.04	0	0	0	1000000.000
8-10-S	18.85	8.04	0	0	0	1000000.000
8-11-S	18.85	8.04	0	0	0	1000000.000
8-12-S	18.85	8.04	0	0	0	1000000.000
8-13-S	18.85	8.04	0	0	0	1000000.000
8-14-S	18.85	8.04	0	0	0	1000000.000
8-15-S	18.85	8.04	0	0	0	1000000.000
9-1-S	18.85	8.04	0	0	0	1000000.000
9-2-S	18.85	8.04	0	0	0	1000000.000
9-3-S	18.85	8.04	0	0	0	1000000.000
9-4-S	18.85	8.04	0	0	0	1000000.000
9-5-S	18.85	8.04	0	0	0	1000000.000
9-6-S	18.85	8.04	0	0	0	1000000.000
9-7-S	18.85	8.04	0	0	0	1000000.000
9-8-S	18.85	8.04	0	0	0	1000000.000
9-9-S	18.85	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
9-10-S	18.85	8.04	0	0	0	1000000.000
9-11-S	18.85	8.04	0	0	0	1000000.000
9-12-S	18.85	8.04	0	0	0	1000000.000
9-13-S	18.85	8.04	0	0	0	1000000.000
9-14-S	18.85	8.04	0	0	0	1000000.000
9-15-S	18.85	8.04	0	0	0	1000000.000
10-1-S	15.71	8.04	0	0	0	1000000.000
10-2-S	15.71	8.04	0	0	0	1000000.000
10-3-S	15.71	8.04	0	0	0	1000000.000
10-4-S	15.71	8.04	0	0	0	1000000.000
10-5-S	15.71	8.04	0	0	0	1000000.000
10-6-S	15.71	8.04	0	0	0	1000000.000
10-7-S	15.71	8.04	0	0	0	1000000.000
10-8-S	15.71	8.04	0	0	0	1000000.000
10-9-S	15.71	8.04	0	0	0	1000000.000
10-10-S	15.71	8.04	0	0	0	1000000.000
10-11-S	15.71	8.04	0	0	0	1000000.000
10-12-S	15.71	8.04	0	0	0	1000000.000
10-13-S	15.71	8.04	0	0	0	1000000.000
10-14-S	15.71	8.04	0	0	0	1000000.000
10-15-S	15.71	8.04	0	0	0	1000000.000
11-1-S	15.71	8.04	0	0	0	1000000.000
11-2-S	15.71	8.04	0	0	0	1000000.000
11-3-S	15.71	8.04	0	0	0	1000000.000
11-4-S	15.71	8.04	0	0	0	1000000.000
11-5-S	15.71	8.04	0	0	0	1000000.000
11-6-S	15.71	8.04	0	0	0	1000000.000
11-7-S	15.71	8.04	0	0	0	1000000.000
11-8-S	15.71	8.04	0	0	0	1000000.000
11-9-S	15.71	8.04	0	0	0	1000000.000
11-10-S	15.71	8.04	0	0	0	1000000.000
11-11-S	15.71	8.04	0	0	0	1000000.000
11-12-S	15.71	8.04	0	0	0	1000000.000
11-13-S	15.71	8.04	0	0	0	1000000.000
11-14-S	15.71	8.04	0	0	0	1000000.000
11-15-S	15.71	8.04	0	0	0	1000000.000
12-1-S	15.71	8.04	0	0	0	1000000.000
12-2-S	15.71	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
12-3-S	15.71	8.04	0	0	0	1000000.000
12-4-S	15.71	8.04	0	0	0	1000000.000
12-5-S	15.71	8.04	0	0	0	1000000.000
12-6-S	15.71	8.04	0	0	0	1000000.000
12-7-S	15.71	8.04	0	0	0	1000000.000
12-8-S	15.71	8.04	0	0	0	1000000.000
12-9-S	15.71	8.04	0	0	0	1000000.000
12-10-S	15.71	8.04	0	0	0	1000000.000
12-11-S	15.71	8.04	0	0	0	1000000.000
12-12-S	15.71	8.04	0	0	0	1000000.000
12-13-S	15.71	8.04	0	0	0	1000000.000
12-14-S	15.71	8.04	0	0	0	1000000.000
12-15-S	15.71	8.04	0	0	0	1000000.000
13-1-S	15.71	8.04	0	0	0	1000000.000
13-2-S	15.71	8.04	0	0	0	1000000.000
13-3-S	15.71	8.04	0	0	0	1000000.000
13-4-S	15.71	8.04	0	0	0	1000000.000
13-5-S	15.71	8.04	0	0	0	1000000.000
13-6-S	15.71	8.04	0	0	0	1000000.000
13-7-S	15.71	8.04	0	0	0	1000000.000
13-8-S	15.71	8.04	0	0	0	1000000.000
13-9-S	15.71	8.04	0	0	0	1000000.000
13-10-S	15.71	8.04	0	0	0	1000000.000
13-11-S	15.71	8.04	0	0	0	1000000.000
13-12-S	15.71	8.04	0	0	0	1000000.000
13-13-S	15.71	8.04	0	0	0	1000000.000
13-14-S	15.71	8.04	0	0	0	1000000.000
13-15-S	15.71	8.04	0	0	0	1000000.000
14-1-S	15.71	8.04	0	0	0	1000000.000
14-2-S	15.71	8.04	0	0	0	1000000.000
14-3-S	15.71	8.04	0	0	0	1000000.000
14-4-S	15.71	8.04	0	0	0	1000000.000
14-5-S	15.71	8.04	0	0	0	1000000.000
14-6-S	15.71	8.04	0	0	0	1000000.000
14-7-S	15.71	8.04	0	0	0	1000000.000
14-8-S	15.71	8.04	0	0	0	1000000.000
14-9-S	15.71	8.04	0	0	0	1000000.000
14-10-S	15.71	8.04	0	0	0	1000000.000
14-11-S	15.71	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
14-12-S	15.71	8.04	0	0	0	1000000.000
14-13-S	15.71	8.04	0	0	0	1000000.000
14-14-S	15.71	8.04	0	0	0	1000000.000
14-15-S	15.71	8.04	0	0	0	1000000.000
15-1-S	15.71	8.04	0	0	0	1000000.000
15-2-S	15.71	8.04	0	0	0	1000000.000
15-3-S	15.71	8.04	0	0	0	1000000.000
15-4-S	15.71	8.04	0	0	0	1000000.000
15-5-S	15.71	8.04	0	0	0	1000000.000
15-6-S	15.71	8.04	0	0	0	1000000.000
15-7-S	15.71	8.04	0	0	0	1000000.000
15-8-S	15.71	8.04	0	0	0	1000000.000
15-9-S	15.71	8.04	0	0	0	1000000.000
15-10-S	15.71	8.04	0	0	0	1000000.000
15-11-S	15.71	8.04	0	0	0	1000000.000
15-12-S	15.71	8.04	0	0	0	1000000.000
15-13-S	15.71	8.04	0	0	0	1000000.000
15-14-S	15.71	8.04	0	0	0	1000000.000
15-15-S	15.71	8.04	0	0	0	1000000.000
16-1-S	15.71	10.05	0	0	0	1000000.000
16-2-S	15.71	10.05	0	0	0	1000000.000
16-3-S	15.71	10.05	0	0	0	1000000.000
16-4-S	15.71	10.05	0	0	0	1000000.000
16-5-S	15.71	10.05	0	0	0	1000000.000
16-6-S	15.71	10.05	0	0	0	1000000.000
16-7-S	15.71	10.05	0	0	0	1000000.000
16-8-S	15.71	10.05	0	0	0	1000000.000
16-9-S	15.71	10.05	0	0	0	1000000.000
16-10-S	15.71	10.05	0	0	0	1000000.000
16-11-S	15.71	10.05	0	0	0	1000000.000
16-12-S	15.71	10.05	0	0	0	1000000.000
16-13-S	15.71	10.05	0	0	0	1000000.000
16-14-S	15.71	10.05	0	0	0	1000000.000
16-15-S	15.71	10.05	0	0	0	1000000.000
17-1-S	15.71	8.04	0	0	0	1000000.000
17-2-S	15.71	8.04	0	0	0	1000000.000
17-3-S	15.71	8.04	0	0	0	1000000.000
17-4-S	15.71	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
17-5-S	15.71	8.04	0	0	0	1000000.000
17-6-S	15.71	8.04	0	0	0	1000000.000
17-7-S	15.71	8.04	0	0	0	1000000.000
17-8-S	15.71	8.04	0	0	0	1000000.000
17-9-S	15.71	8.04	0	0	0	1000000.000
17-10-S	15.71	8.04	0	0	0	1000000.000
17-11-S	15.71	8.04	0	0	0	1000000.000
17-12-S	15.71	8.04	0	0	0	1000000.000
17-13-S	15.71	8.04	0	0	0	1000000.000
17-14-S	15.71	8.04	0	0	0	1000000.000
17-15-S	15.71	8.04	0	0	0	1000000.000
18-1-S	15.71	8.04	0	0	0	1000000.000
18-2-S	15.71	8.04	0	0	0	1000000.000
18-3-S	15.71	8.04	0	0	0	1000000.000
18-4-S	15.71	8.04	0	0	0	1000000.000
18-5-S	15.71	8.04	0	0	0	1000000.000
18-6-S	15.71	8.04	0	0	0	1000000.000
18-7-S	15.71	8.04	0	0	0	1000000.000
18-8-S	15.71	8.04	0	0	0	1000000.000
18-9-S	15.71	8.04	0	0	0	1000000.000
18-10-S	15.71	8.04	0	0	0	1000000.000
18-11-S	15.71	8.04	0	0	0	1000000.000
18-12-S	15.71	8.04	0	0	0	1000000.000
18-13-S	15.71	8.04	0	0	0	1000000.000
18-14-S	15.71	8.04	0	0	0	1000000.000
18-15-S	15.71	8.04	0	0	0	1000000.000
19-1-S	15.71	8.04	0	0	0	1000000.000
19-2-S	15.71	8.04	0	0	0	1000000.000
19-3-S	15.71	8.04	0	0	0	1000000.000
19-4-S	15.71	8.04	0	0	0	1000000.000
19-5-S	15.71	8.04	0	0	0	1000000.000
19-6-S	15.71	8.04	0	0	0	1000000.000
19-7-S	15.71	8.04	0	0	0	1000000.000
19-8-S	15.71	8.04	0	0	0	1000000.000
19-9-S	15.71	8.04	0	0	0	1000000.000
19-10-S	15.71	8.04	0	0	0	1000000.000
19-11-S	15.71	8.04	0	0	0	1000000.000
19-12-S	15.71	8.04	0	0	0	1000000.000
19-13-S	15.71	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
19-14-S	15.71	8.04	0	0	0	1000000.000
19-15-S	15.71	8.04	0	0	0	1000000.000
20-1-S	15.71	8.04	0	0	0	1000000.000
20-2-S	15.71	8.04	0	0	0	1000000.000
20-3-S	15.71	8.04	0	0	0	1000000.000
20-4-S	15.71	8.04	0	0	0	1000000.000
20-5-S	15.71	8.04	0	0	0	1000000.000
20-6-S	15.71	8.04	0	0	0	1000000.000
20-7-S	15.71	8.04	0	0	0	1000000.000
20-8-S	15.71	8.04	0	0	0	1000000.000
20-9-S	15.71	8.04	0	0	0	1000000.000
20-10-S	15.71	8.04	0	0	0	1000000.000
20-11-S	15.71	8.04	0	0	0	1000000.000
20-12-S	15.71	8.04	0	0	0	1000000.000
20-13-S	15.71	8.04	0	0	0	1000000.000
20-14-S	15.71	8.04	0	0	0	1000000.000
20-15-S	15.71	8.04	0	0	0	1000000.000
21-1-S	15.71	8.04	0	0	0	1000000.000
21-2-S	15.71	8.04	0	0	0	1000000.000
21-3-S	15.71	8.04	0	0	0	1000000.000
21-4-S	15.71	8.04	0	0	0	1000000.000
21-5-S	15.71	8.04	0	0	0	1000000.000
21-6-S	15.71	8.04	0	0	0	1000000.000
21-7-S	15.71	8.04	0	0	0	1000000.000
21-8-S	15.71	8.04	0	0	0	1000000.000
21-9-S	15.71	8.04	0	0	0	1000000.000
21-10-S	15.71	8.04	0	0	0	1000000.000
21-11-S	15.71	8.04	0	0	0	1000000.000
21-12-S	15.71	8.04	0	0	0	1000000.000
21-13-S	15.71	8.04	0	0	0	1000000.000
21-14-S	15.71	8.04	0	0	0	1000000.000
21-15-S	15.71	8.04	0	0	0	1000000.000
22-1-S	15.71	8.04	0	0	0	1000000.000
22-2-S	15.71	8.04	0	0	0	1000000.000
22-3-S	15.71	8.04	0	0	0	1000000.000
22-4-S	15.71	8.04	0	0	0	1000000.000
22-5-S	15.71	8.04	0	0	0	1000000.000
22-6-S	15.71	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
22-7-S	15.71	8.04	0	0	0	1000000.000
22-8-S	15.71	8.04	0	0	0	1000000.000
22-9-S	15.71	8.04	0	0	0	1000000.000
22-10-S	15.71	8.04	0	0	0	1000000.000
22-11-S	15.71	8.04	0	0	0	1000000.000
22-12-S	15.71	8.04	0	0	0	1000000.000
22-13-S	15.71	8.04	0	0	0	1000000.000
22-14-S	15.71	8.04	0	0	0	1000000.000
22-15-S	15.71	8.04	0	0	0	1000000.000
23-1-S	18.85	8.04	0	0	0	1000000.000
23-2-S	18.85	8.04	0	0	0	1000000.000
23-3-S	18.85	8.04	0	0	0	1000000.000
23-4-S	18.85	8.04	0	0	0	1000000.000
23-5-S	18.85	8.04	0	0	0	1000000.000
23-6-S	18.85	8.04	0	0	0	1000000.000
23-7-S	18.85	8.04	0	0	0	1000000.000
23-8-S	18.85	8.04	0	0	0	1000000.000
23-9-S	18.85	8.04	0	0	0	1000000.000
23-10-S	18.85	8.04	0	0	0	1000000.000
23-11-S	18.85	8.04	0	0	0	1000000.000
23-12-S	18.85	8.04	0	0	0	1000000.000
23-13-S	18.85	8.04	0	0	0	1000000.000
23-14-S	18.85	8.04	0	0	0	1000000.000
23-15-S	18.85	8.04	0	0	0	1000000.000
24-1-S	18.85	8.04	0	0	0	1000000.000
24-2-S	18.85	8.04	0	0	0	1000000.000
24-3-S	18.85	8.04	0	0	0	1000000.000
24-4-S	18.85	8.04	0	0	0	1000000.000
24-5-S	18.85	8.04	0	0	0	1000000.000
24-6-S	18.85	8.04	0	0	0	1000000.000
24-7-S	18.85	8.04	0	0	0	1000000.000
24-8-S	18.85	8.04	0	0	0	1000000.000
24-9-S	18.85	8.04	0	0	0	1000000.000
24-10-S	18.85	8.04	0	0	0	1000000.000
24-11-S	18.85	8.04	0	0	0	1000000.000
24-12-S	18.85	8.04	0	0	0	1000000.000
24-13-S	18.85	8.04	0	0	0	1000000.000
24-14-S	18.85	8.04	0	0	0	1000000.000
24-15-S	18.85	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
25-1-S	18.85	8.04	0	0	0	1000000.000
25-2-S	18.85	8.04	0	0	0	1000000.000
25-3-S	18.85	8.04	0	0	0	1000000.000
25-4-S	18.85	8.04	0	0	0	1000000.000
25-5-S	18.85	8.04	0	0	0	1000000.000
25-6-S	18.85	8.04	0	0	0	1000000.000
25-7-S	18.85	8.04	0	0	0	1000000.000
25-8-S	18.85	8.04	0	0	0	1000000.000
25-9-S	18.85	8.04	0	0	0	1000000.000
25-10-S	18.85	8.04	0	0	0	1000000.000
25-11-S	18.85	8.04	0	0	0	1000000.000
25-12-S	18.85	8.04	0	0	0	1000000.000
25-13-S	18.85	8.04	0	0	0	1000000.000
25-14-S	18.85	8.04	0	0	0	1000000.000
25-15-S	18.85	8.04	0	0	0	1000000.000
26-1-S	18.85	8.04	0	0	0	1000000.000
26-2-S	18.85	8.04	0	0	0	1000000.000
26-3-S	18.85	8.04	0	0	0	1000000.000
26-4-S	18.85	8.04	0	0	0	1000000.000
26-5-S	18.85	8.04	0	0	0	1000000.000
26-6-S	18.85	8.04	0	0	0	1000000.000
26-7-S	18.85	8.04	0	0	0	1000000.000
26-8-S	18.85	8.04	0	0	0	1000000.000
26-9-S	18.85	8.04	0	0	0	1000000.000
26-10-S	18.85	8.04	0	0	0	1000000.000
26-11-S	18.85	8.04	0	0	0	1000000.000
26-12-S	18.85	8.04	0	0	0	1000000.000
26-13-S	18.85	8.04	0	0	0	1000000.000
26-14-S	18.85	8.04	0	0	0	1000000.000
26-15-S	18.85	8.04	0	0	0	1000000.000

Combinazione n° 5 - STR (A1-M1-R3)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-1-P	8.04	8.04	0	0	0	1000000.000
1-2-P	8.04	8.04	0	0	0	1000000.000
1-3-P	8.04	8.04	0	0	0	1000000.000
1-4-P	8.04	8.04	0	0	0	1000000.000
1-5-P	8.04	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
1-6-P	8.04	8.04	0	0	0	1000000.000
1-7-P	8.04	8.04	0	0	0	1000000.000
1-8-P	8.04	8.04	0	0	0	1000000.000
1-9-P	8.04	8.04	0	0	0	1000000.000
1-10-P	8.04	8.04	0	0	0	1000000.000
1-11-P	8.04	8.04	0	0	0	1000000.000
1-12-P	8.04	8.04	0	0	0	1000000.000
1-13-P	8.04	8.04	0	0	0	1000000.000
1-14-P	8.04	8.04	0	0	0	1000000.000
1-15-P	8.04	8.04	0	0	0	1000000.000
1-16-P	8.04	8.04	0	0	0	1000000.000
1-17-P	8.04	8.04	0	0	0	1000000.000
1-18-P	8.04	8.04	0	0	0	1000000.000
1-19-P	8.04	8.04	0	0	0	1000000.000
1-20-P	8.04	8.04	0	0	0	1000000.000
1-21-P	8.04	8.04	0	0	0	1000000.000
1-22-P	8.04	8.04	0	0	0	1000000.000
1-23-P	8.04	8.04	0	0	0	1000000.000
1-24-P	8.04	8.04	0	0	0	1000000.000
1-25-P	8.04	8.04	0	0	0	1000000.000
1-26-P	8.04	8.04	0	0	0	1000000.000
1-27-P	8.04	8.04	0	0	0	1000000.000
1-28-P	8.04	8.04	0	0	0	1000000.000
1-29-P	8.04	8.04	0	0	0	1000000.000
1-30-P	8.04	8.04	0	0	0	1000000.000
1-31-P	8.04	8.04	0	0	0	1000000.000
1-32-P	8.04	8.04	0	0	0	1000000.000
1-33-P	8.04	8.04	0	0	0	1000000.000
1-34-P	8.04	8.04	0	0	0	1000000.000
1-35-P	8.04	8.04	0	0	0	1000000.000
1-36-P	8.04	8.04	0	0	0	1000000.000
1-37-P	8.04	8.04	0	0	0	1000000.000
1-38-P	8.04	8.04	0	0	0	1000000.000
1-39-P	8.04	8.04	0	0	0	1000000.000
1-40-P	8.04	8.04	0	0	0	1000000.000
1-41-P	8.04	8.04	0	0	0	1000000.000
1-42-P	8.04	8.04	0	0	0	1000000.000
1-43-P	8.04	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-44-P	8.04	8.04	0	0	0	1000000.000
1-45-P	8.04	8.04	0	0	0	1000000.000
1-46-P	8.04	8.04	0	0	0	1000000.000
1-47-P	8.04	8.04	0	0	0	1000000.000
1-48-P	8.04	8.04	0	0	0	1000000.000
1-49-P	8.04	8.04	0	0	0	1000000.000
1-50-P	8.04	8.04	0	0	0	1000000.000
1-51-P	8.04	8.04	0	0	0	1000000.000
1-52-P	8.04	8.04	0	0	0	1000000.000
1-53-P	8.04	8.04	0	0	0	1000000.000
1-54-P	8.04	8.04	0	0	0	1000000.000
1-55-P	8.04	8.04	0	0	0	1000000.000
1-56-P	8.04	8.04	0	0	0	1000000.000
1-57-P	8.04	8.04	0	0	0	1000000.000
1-58-P	8.04	8.04	0	0	0	1000000.000
1-59-P	8.04	8.04	0	0	0	1000000.000
1-60-P	8.04	8.04	0	0	0	1000000.000
1-61-P	8.04	8.04	0	0	0	1000000.000
1-62-P	8.04	8.04	0	0	0	1000000.000
1-63-P	8.04	8.04	0	0	0	1000000.000
1-64-P	8.04	8.04	0	0	0	1000000.000
1-65-P	8.04	8.04	0	0	0	1000000.000
1-66-P	8.04	8.04	0	0	0	1000000.000
1-67-P	8.04	8.04	0	0	0	1000000.000
1-68-P	8.04	8.04	0	0	0	1000000.000
1-69-P	8.04	8.04	0	0	0	1000000.000
1-70-P	8.04	8.04	0	0	0	1000000.000
1-71-P	8.04	8.04	0	0	0	1000000.000
1-72-P	8.04	8.04	0	0	0	1000000.000
1-73-P	8.04	8.04	0	0	0	1000000.000
1-74-P	8.04	8.04	0	0	0	1000000.000
1-75-P	8.04	8.04	0	0	0	1000000.000
1-76-P	8.04	8.04	0	0	0	1000000.000
1-77-P	8.04	8.04	0	0	0	1000000.000
1-78-P	8.04	8.04	0	0	0	1000000.000
1-79-P	8.04	8.04	0	0	0	1000000.000
1-80-P	8.04	8.04	0	0	0	1000000.000
1-81-P	8.04	8.04	0	0	0	1000000.000
1-82-P	8.04	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
1-83-P	8.04	8.04	0	0	0	1000000.000
1-84-P	8.04	8.04	0	0	0	1000000.000
1-85-P	8.04	8.04	0	0	0	1000000.000
2-1-P	8.04	8.04	0	0	0	1000000.000
2-2-P	8.04	8.04	0	0	0	1000000.000
2-3-P	8.04	8.04	0	0	0	1000000.000
2-4-P	8.04	8.04	0	0	0	1000000.000
2-5-P	8.04	8.04	0	0	0	1000000.000
2-6-P	8.04	8.04	0	0	0	1000000.000
2-7-P	8.04	8.04	0	0	0	1000000.000
2-8-P	8.04	8.04	0	0	0	1000000.000
2-9-P	8.04	8.04	0	0	0	1000000.000
2-10-P	8.04	8.04	0	0	0	1000000.000
2-11-P	8.04	8.04	0	0	0	1000000.000
2-12-P	8.04	8.04	0	0	0	1000000.000
2-13-P	8.04	8.04	0	0	0	1000000.000
2-14-P	8.04	8.04	0	0	0	1000000.000
2-15-P	8.04	8.04	0	0	0	1000000.000
2-16-P	8.04	8.04	0	0	0	1000000.000
2-17-P	8.04	8.04	0	0	0	1000000.000
2-18-P	8.04	8.04	0	0	0	1000000.000
2-19-P	8.04	8.04	0	0	0	1000000.000
2-20-P	8.04	8.04	0	0	0	1000000.000
2-21-P	8.04	8.04	0	0	0	1000000.000
2-22-P	8.04	8.04	0	0	0	1000000.000
2-23-P	8.04	8.04	0	0	0	1000000.000
2-24-P	8.04	8.04	0	0	0	1000000.000
2-25-P	8.04	8.04	0	0	0	1000000.000
2-26-P	8.04	8.04	0	0	0	1000000.000
2-27-P	8.04	8.04	0	0	0	1000000.000
2-28-P	8.04	8.04	0	0	0	1000000.000
2-29-P	8.04	8.04	0	0	0	1000000.000
2-30-P	8.04	8.04	0	0	0	1000000.000
2-31-P	8.04	8.04	0	0	0	1000000.000
2-32-P	8.04	8.04	0	0	0	1000000.000
2-33-P	8.04	8.04	0	0	0	1000000.000
2-34-P	8.04	8.04	0	0	0	1000000.000
2-35-P	8.04	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
2-36-P	8.04	8.04	0	0	0	1000000.000
2-37-P	8.04	8.04	0	0	0	1000000.000
2-38-P	8.04	8.04	0	0	0	1000000.000
2-39-P	8.04	8.04	0	0	0	1000000.000
2-40-P	8.04	8.04	0	0	0	1000000.000
2-41-P	8.04	8.04	0	0	0	1000000.000
2-42-P	8.04	8.04	0	0	0	1000000.000
2-43-P	8.04	8.04	0	0	0	1000000.000
2-44-P	8.04	8.04	0	0	0	1000000.000
2-45-P	8.04	8.04	0	0	0	1000000.000
2-46-P	8.04	8.04	0	0	0	1000000.000
2-47-P	8.04	8.04	0	0	0	1000000.000
2-48-P	8.04	8.04	0	0	0	1000000.000
2-49-P	8.04	8.04	0	0	0	1000000.000
2-50-P	8.04	8.04	0	0	0	1000000.000
2-51-P	8.04	8.04	0	0	0	1000000.000
2-52-P	8.04	8.04	0	0	0	1000000.000
2-53-P	8.04	8.04	0	0	0	1000000.000
2-54-P	8.04	8.04	0	0	0	1000000.000
2-55-P	8.04	8.04	0	0	0	1000000.000
2-56-P	8.04	8.04	0	0	0	1000000.000
2-57-P	8.04	8.04	0	0	0	1000000.000
2-58-P	8.04	8.04	0	0	0	1000000.000
2-59-P	8.04	8.04	0	0	0	1000000.000
2-60-P	8.04	8.04	0	0	0	1000000.000
2-61-P	8.04	8.04	0	0	0	1000000.000
2-62-P	8.04	8.04	0	0	0	1000000.000
2-63-P	8.04	8.04	0	0	0	1000000.000
2-64-P	8.04	8.04	0	0	0	1000000.000
2-65-P	8.04	8.04	0	0	0	1000000.000
2-66-P	8.04	8.04	0	0	0	1000000.000
2-67-P	8.04	8.04	0	0	0	1000000.000
2-68-P	8.04	8.04	0	0	0	1000000.000
2-69-P	8.04	8.04	0	0	0	1000000.000
2-70-P	8.04	8.04	0	0	0	1000000.000
2-71-P	8.04	8.04	0	0	0	1000000.000
2-72-P	8.04	8.04	0	0	0	1000000.000
2-73-P	8.04	8.04	0	0	0	1000000.000
2-74-P	8.04	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
2-75-P	8.04	8.04	0	0	0	1000000.000
2-76-P	8.04	8.04	0	0	0	1000000.000
2-77-P	8.04	8.04	0	0	0	1000000.000
2-78-P	8.04	8.04	0	0	0	1000000.000
2-79-P	8.04	8.04	0	0	0	1000000.000
2-80-P	8.04	8.04	0	0	0	1000000.000
2-81-P	8.04	8.04	0	0	0	1000000.000
2-82-P	8.04	8.04	0	0	0	1000000.000
2-83-P	8.04	8.04	0	0	0	1000000.000
2-84-P	8.04	8.04	0	0	0	1000000.000
2-85-P	8.04	8.04	0	0	0	1000000.000
3-1-P	8.04	8.04	0	0	0	1000000.000
3-2-P	8.04	8.04	0	0	0	1000000.000
3-3-P	8.04	8.04	0	0	0	1000000.000
3-4-P	8.04	8.04	0	0	0	1000000.000
3-5-P	8.04	8.04	0	0	0	1000000.000
3-6-P	8.04	8.04	0	0	0	1000000.000
3-7-P	8.04	8.04	0	0	0	1000000.000
3-8-P	8.04	8.04	0	0	0	1000000.000
3-9-P	8.04	8.04	0	0	0	1000000.000
3-10-P	8.04	8.04	0	0	0	1000000.000
3-11-P	8.04	8.04	0	0	0	1000000.000
3-12-P	8.04	8.04	0	0	0	1000000.000
3-13-P	8.04	8.04	0	0	0	1000000.000
3-14-P	8.04	8.04	0	0	0	1000000.000
3-15-P	8.04	8.04	0	0	0	1000000.000
3-16-P	8.04	8.04	0	0	0	1000000.000
3-17-P	8.04	8.04	0	0	0	1000000.000
3-18-P	8.04	8.04	0	0	0	1000000.000
3-19-P	8.04	8.04	0	0	0	1000000.000
3-20-P	8.04	8.04	0	0	0	1000000.000
3-21-P	8.04	8.04	0	0	0	1000000.000
3-22-P	8.04	8.04	0	0	0	1000000.000
3-23-P	8.04	8.04	0	0	0	1000000.000
3-24-P	8.04	8.04	0	0	0	1000000.000
3-25-P	8.04	8.04	0	0	0	1000000.000
3-26-P	8.04	8.04	0	0	0	1000000.000
3-27-P	8.04	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
3-28-P	8.04	8.04	0	0	0	1000000.000
3-29-P	8.04	8.04	0	0	0	1000000.000
3-30-P	8.04	8.04	0	0	0	1000000.000
3-31-P	8.04	8.04	0	0	0	1000000.000
3-32-P	8.04	8.04	0	0	0	1000000.000
3-33-P	8.04	8.04	0	0	0	1000000.000
3-34-P	8.04	8.04	0	0	0	1000000.000
3-35-P	8.04	8.04	0	0	0	1000000.000
3-36-P	8.04	8.04	0	0	0	1000000.000
3-37-P	8.04	8.04	0	0	0	1000000.000
3-38-P	8.04	8.04	0	0	0	1000000.000
3-39-P	8.04	8.04	0	0	0	1000000.000
3-40-P	8.04	8.04	0	0	0	1000000.000
3-41-P	8.04	8.04	0	0	0	1000000.000
3-42-P	8.04	8.04	0	0	0	1000000.000
3-43-P	8.04	8.04	0	0	0	1000000.000
3-44-P	8.04	8.04	0	0	0	1000000.000
3-45-P	8.04	8.04	0	0	0	1000000.000
3-46-P	8.04	8.04	0	0	0	1000000.000
3-47-P	8.04	8.04	0	0	0	1000000.000
3-48-P	8.04	8.04	0	0	0	1000000.000
3-49-P	8.04	8.04	0	0	0	1000000.000
3-50-P	8.04	8.04	0	0	0	1000000.000
3-51-P	8.04	8.04	0	0	0	1000000.000
3-52-P	8.04	8.04	0	0	0	1000000.000
3-53-P	8.04	8.04	0	0	0	1000000.000
3-54-P	8.04	8.04	0	0	0	1000000.000
3-55-P	8.04	8.04	0	0	0	1000000.000
3-56-P	8.04	8.04	0	0	0	1000000.000
3-57-P	8.04	8.04	0	0	0	1000000.000
3-58-P	8.04	8.04	0	0	0	1000000.000
3-59-P	8.04	8.04	0	0	0	1000000.000
3-60-P	8.04	8.04	0	0	0	1000000.000
3-61-P	8.04	8.04	0	0	0	1000000.000
3-62-P	8.04	8.04	0	0	0	1000000.000
3-63-P	8.04	8.04	0	0	0	1000000.000
3-64-P	8.04	8.04	0	0	0	1000000.000
3-65-P	8.04	8.04	0	0	0	1000000.000
3-66-P	8.04	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
3-67-P	8.04	8.04	0	0	0	1000000.000
3-68-P	8.04	8.04	0	0	0	1000000.000
3-69-P	8.04	8.04	0	0	0	1000000.000
3-70-P	8.04	8.04	0	0	0	1000000.000
3-71-P	8.04	8.04	0	0	0	1000000.000
3-72-P	8.04	8.04	0	0	0	1000000.000
3-73-P	8.04	8.04	0	0	0	1000000.000
3-74-P	8.04	8.04	0	0	0	1000000.000
3-75-P	8.04	8.04	0	0	0	1000000.000
3-76-P	8.04	8.04	0	0	0	1000000.000
3-77-P	8.04	8.04	0	0	0	1000000.000
3-78-P	8.04	8.04	0	0	0	1000000.000
3-79-P	8.04	8.04	0	0	0	1000000.000
3-80-P	8.04	8.04	0	0	0	1000000.000
3-81-P	8.04	8.04	0	0	0	1000000.000
3-82-P	8.04	8.04	0	0	0	1000000.000
3-83-P	8.04	8.04	0	0	0	1000000.000
3-84-P	8.04	8.04	0	0	0	1000000.000
3-85-P	8.04	8.04	0	0	0	1000000.000
5-1-P	4.02	4.02	0	0	0	1000000.000
5-2-P	4.02	4.02	0	0	0	1000000.000
5-3-P	4.02	4.02	0	0	0	1000000.000
5-4-P	4.02	4.02	0	0	0	1000000.000
5-5-P	4.02	4.02	0	0	0	1000000.000
5-6-P	4.02	4.02	0	0	0	1000000.000
5-7-P	4.02	4.02	0	0	0	1000000.000
5-8-P	4.02	4.02	0	0	0	1000000.000
5-9-P	4.02	4.02	0	0	0	1000000.000
5-10-P	4.02	4.02	0	0	0	1000000.000
5-11-P	4.02	4.02	0	0	0	1000000.000
5-12-P	4.02	4.02	0	0	0	1000000.000
5-13-P	4.02	4.02	0	0	0	1000000.000
5-14-P	4.02	4.02	0	0	0	1000000.000
5-15-P	4.02	4.02	0	0	0	1000000.000
5-16-P	4.02	4.02	0	0	0	1000000.000
5-17-P	4.02	4.02	0	0	0	1000000.000
5-18-P	4.02	4.02	0	0	0	1000000.000
5-19-P	4.02	4.02	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
5-20-P	4.02	4.02	0	0	0	1000000.000
5-21-P	4.02	4.02	0	0	0	1000000.000
5-22-P	4.02	4.02	0	0	0	1000000.000
5-23-P	4.02	4.02	0	0	0	1000000.000
5-24-P	4.02	4.02	0	0	0	1000000.000
5-25-P	4.02	4.02	0	0	0	1000000.000
5-26-P	4.02	4.02	0	0	0	1000000.000
5-27-P	4.02	4.02	0	0	0	1000000.000
5-28-P	4.02	4.02	0	0	0	1000000.000
5-29-P	4.02	4.02	0	0	0	1000000.000
5-30-P	4.02	4.02	0	0	0	1000000.000
5-31-P	4.02	4.02	0	0	0	1000000.000
5-32-P	4.02	4.02	0	0	0	1000000.000
5-33-P	4.02	4.02	0	0	0	1000000.000
5-34-P	4.02	4.02	0	0	0	1000000.000
5-35-P	4.02	4.02	0	0	0	1000000.000
5-36-P	4.02	4.02	0	0	0	1000000.000
5-37-P	4.02	4.02	0	0	0	1000000.000
5-38-P	4.02	4.02	0	0	0	1000000.000
5-39-P	4.02	4.02	0	0	0	1000000.000
5-40-P	4.02	4.02	0	0	0	1000000.000
5-41-P	4.02	4.02	0	0	0	1000000.000
5-42-P	4.02	4.02	0	0	0	1000000.000
5-43-P	4.02	4.02	0	0	0	1000000.000
5-44-P	4.02	4.02	0	0	0	1000000.000
5-45-P	4.02	4.02	0	0	0	1000000.000
5-46-P	4.02	4.02	0	0	0	1000000.000
5-47-P	4.02	4.02	0	0	0	1000000.000
5-48-P	4.02	4.02	0	0	0	1000000.000
5-49-P	4.02	4.02	0	0	0	1000000.000
5-50-P	4.02	4.02	0	0	0	1000000.000
5-51-P	4.02	4.02	0	0	0	1000000.000
5-52-P	4.02	4.02	0	0	0	1000000.000
5-53-P	4.02	4.02	0	0	0	1000000.000
5-54-P	4.02	4.02	0	0	0	1000000.000
5-55-P	4.02	4.02	0	0	0	1000000.000
5-56-P	4.02	4.02	0	0	0	1000000.000
5-57-P	4.02	4.02	0	0	0	1000000.000
5-58-P	4.02	4.02	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
5-59-P	4.02	4.02	0	0	0	1000000.000
5-60-P	4.02	4.02	0	0	0	1000000.000
5-61-P	4.02	4.02	0	0	0	1000000.000
5-62-P	4.02	4.02	0	0	0	1000000.000
5-63-P	4.02	4.02	0	0	0	1000000.000
5-64-P	4.02	4.02	0	0	0	1000000.000
5-65-P	4.02	4.02	0	0	0	1000000.000
5-66-P	4.02	4.02	0	0	0	1000000.000
5-67-P	4.02	4.02	0	0	0	1000000.000
5-68-P	4.02	4.02	0	0	0	1000000.000
5-69-P	4.02	4.02	0	0	0	1000000.000
5-70-P	4.02	4.02	0	0	0	1000000.000
5-71-P	4.02	4.02	0	0	0	1000000.000
5-72-P	4.02	4.02	0	0	0	1000000.000
5-73-P	4.02	4.02	0	0	0	1000000.000
5-74-P	4.02	4.02	0	0	0	1000000.000
5-75-P	4.02	4.02	0	0	0	1000000.000
5-76-P	4.02	4.02	0	0	0	1000000.000
5-77-P	4.02	4.02	0	0	0	1000000.000
5-78-P	4.02	4.02	0	0	0	1000000.000
5-79-P	4.02	4.02	0	0	0	1000000.000
5-80-P	4.02	4.02	0	0	0	1000000.000
5-81-P	4.02	4.02	0	0	0	1000000.000
5-82-P	4.02	4.02	0	0	0	1000000.000
5-83-P	4.02	4.02	0	0	0	1000000.000
5-84-P	4.02	4.02	0	0	0	1000000.000
5-85-P	4.02	4.02	0	0	0	1000000.000
6-1-S	18.85	8.04	0	0	0	1000000.000
6-2-S	18.85	8.04	0	0	0	1000000.000
6-3-S	18.85	8.04	0	0	0	1000000.000
6-4-S	18.85	8.04	0	0	0	1000000.000
6-5-S	18.85	8.04	0	0	0	1000000.000
6-6-S	18.85	8.04	0	0	0	1000000.000
6-7-S	18.85	8.04	0	0	0	1000000.000
6-8-S	18.85	8.04	0	0	0	1000000.000
6-9-S	18.85	8.04	0	0	0	1000000.000
6-10-S	18.85	8.04	0	0	0	1000000.000
6-11-S	18.85	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
6-12-S	18.85	8.04	0	0	0	1000000.000
6-13-S	18.85	8.04	0	0	0	1000000.000
6-14-S	18.85	8.04	0	0	0	1000000.000
6-15-S	18.85	8.04	0	0	0	1000000.000
7-1-S	18.85	8.04	0	0	0	1000000.000
7-2-S	18.85	8.04	0	0	0	1000000.000
7-3-S	18.85	8.04	0	0	0	1000000.000
7-4-S	18.85	8.04	0	0	0	1000000.000
7-5-S	18.85	8.04	0	0	0	1000000.000
7-6-S	18.85	8.04	0	0	0	1000000.000
7-7-S	18.85	8.04	0	0	0	1000000.000
7-8-S	18.85	8.04	0	0	0	1000000.000
7-9-S	18.85	8.04	0	0	0	1000000.000
7-10-S	18.85	8.04	0	0	0	1000000.000
7-11-S	18.85	8.04	0	0	0	1000000.000
7-12-S	18.85	8.04	0	0	0	1000000.000
7-13-S	18.85	8.04	0	0	0	1000000.000
7-14-S	18.85	8.04	0	0	0	1000000.000
7-15-S	18.85	8.04	0	0	0	1000000.000
8-1-S	18.85	8.04	0	0	0	1000000.000
8-2-S	18.85	8.04	0	0	0	1000000.000
8-3-S	18.85	8.04	0	0	0	1000000.000
8-4-S	18.85	8.04	0	0	0	1000000.000
8-5-S	18.85	8.04	0	0	0	1000000.000
8-6-S	18.85	8.04	0	0	0	1000000.000
8-7-S	18.85	8.04	0	0	0	1000000.000
8-8-S	18.85	8.04	0	0	0	1000000.000
8-9-S	18.85	8.04	0	0	0	1000000.000
8-10-S	18.85	8.04	0	0	0	1000000.000
8-11-S	18.85	8.04	0	0	0	1000000.000
8-12-S	18.85	8.04	0	0	0	1000000.000
8-13-S	18.85	8.04	0	0	0	1000000.000
8-14-S	18.85	8.04	0	0	0	1000000.000
8-15-S	18.85	8.04	0	0	0	1000000.000
9-1-S	18.85	8.04	0	0	0	1000000.000
9-2-S	18.85	8.04	0	0	0	1000000.000
9-3-S	18.85	8.04	0	0	0	1000000.000
9-4-S	18.85	8.04	0	0	0	1000000.000
9-5-S	18.85	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
9-6-S	18.85	8.04	0	0	0	1000000.000
9-7-S	18.85	8.04	0	0	0	1000000.000
9-8-S	18.85	8.04	0	0	0	1000000.000
9-9-S	18.85	8.04	0	0	0	1000000.000
9-10-S	18.85	8.04	0	0	0	1000000.000
9-11-S	18.85	8.04	0	0	0	1000000.000
9-12-S	18.85	8.04	0	0	0	1000000.000
9-13-S	18.85	8.04	0	0	0	1000000.000
9-14-S	18.85	8.04	0	0	0	1000000.000
9-15-S	18.85	8.04	0	0	0	1000000.000
10-1-S	15.71	8.04	0	0	0	1000000.000
10-2-S	15.71	8.04	0	0	0	1000000.000
10-3-S	15.71	8.04	0	0	0	1000000.000
10-4-S	15.71	8.04	0	0	0	1000000.000
10-5-S	15.71	8.04	0	0	0	1000000.000
10-6-S	15.71	8.04	0	0	0	1000000.000
10-7-S	15.71	8.04	0	0	0	1000000.000
10-8-S	15.71	8.04	0	0	0	1000000.000
10-9-S	15.71	8.04	0	0	0	1000000.000
10-10-S	15.71	8.04	0	0	0	1000000.000
10-11-S	15.71	8.04	0	0	0	1000000.000
10-12-S	15.71	8.04	0	0	0	1000000.000
10-13-S	15.71	8.04	0	0	0	1000000.000
10-14-S	15.71	8.04	0	0	0	1000000.000
10-15-S	15.71	8.04	0	0	0	1000000.000
11-1-S	15.71	8.04	0	0	0	1000000.000
11-2-S	15.71	8.04	0	0	0	1000000.000
11-3-S	15.71	8.04	0	0	0	1000000.000
11-4-S	15.71	8.04	0	0	0	1000000.000
11-5-S	15.71	8.04	0	0	0	1000000.000
11-6-S	15.71	8.04	0	0	0	1000000.000
11-7-S	15.71	8.04	0	0	0	1000000.000
11-8-S	15.71	8.04	0	0	0	1000000.000
11-9-S	15.71	8.04	0	0	0	1000000.000
11-10-S	15.71	8.04	0	0	0	1000000.000
11-11-S	15.71	8.04	0	0	0	1000000.000
11-12-S	15.71	8.04	0	0	0	1000000.000
11-13-S	15.71	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
11-14-S	15.71	8.04	0	0	0	1000000.000
11-15-S	15.71	8.04	0	0	0	1000000.000
12-1-S	15.71	8.04	0	0	0	1000000.000
12-2-S	15.71	8.04	0	0	0	1000000.000
12-3-S	15.71	8.04	0	0	0	1000000.000
12-4-S	15.71	8.04	0	0	0	1000000.000
12-5-S	15.71	8.04	0	0	0	1000000.000
12-6-S	15.71	8.04	0	0	0	1000000.000
12-7-S	15.71	8.04	0	0	0	1000000.000
12-8-S	15.71	8.04	0	0	0	1000000.000
12-9-S	15.71	8.04	0	0	0	1000000.000
12-10-S	15.71	8.04	0	0	0	1000000.000
12-11-S	15.71	8.04	0	0	0	1000000.000
12-12-S	15.71	8.04	0	0	0	1000000.000
12-13-S	15.71	8.04	0	0	0	1000000.000
12-14-S	15.71	8.04	0	0	0	1000000.000
12-15-S	15.71	8.04	0	0	0	1000000.000
13-1-S	15.71	8.04	0	0	0	1000000.000
13-2-S	15.71	8.04	0	0	0	1000000.000
13-3-S	15.71	8.04	0	0	0	1000000.000
13-4-S	15.71	8.04	0	0	0	1000000.000
13-5-S	15.71	8.04	0	0	0	1000000.000
13-6-S	15.71	8.04	0	0	0	1000000.000
13-7-S	15.71	8.04	0	0	0	1000000.000
13-8-S	15.71	8.04	0	0	0	1000000.000
13-9-S	15.71	8.04	0	0	0	1000000.000
13-10-S	15.71	8.04	0	0	0	1000000.000
13-11-S	15.71	8.04	0	0	0	1000000.000
13-12-S	15.71	8.04	0	0	0	1000000.000
13-13-S	15.71	8.04	0	0	0	1000000.000
13-14-S	15.71	8.04	0	0	0	1000000.000
13-15-S	15.71	8.04	0	0	0	1000000.000
14-1-S	15.71	8.04	0	0	0	1000000.000
14-2-S	15.71	8.04	0	0	0	1000000.000
14-3-S	15.71	8.04	0	0	0	1000000.000
14-4-S	15.71	8.04	0	0	0	1000000.000
14-5-S	15.71	8.04	0	0	0	1000000.000
14-6-S	15.71	8.04	0	0	0	1000000.000
14-7-S	15.71	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
14-8-S	15.71	8.04	0	0	0	1000000.000
14-9-S	15.71	8.04	0	0	0	1000000.000
14-10-S	15.71	8.04	0	0	0	1000000.000
14-11-S	15.71	8.04	0	0	0	1000000.000
14-12-S	15.71	8.04	0	0	0	1000000.000
14-13-S	15.71	8.04	0	0	0	1000000.000
14-14-S	15.71	8.04	0	0	0	1000000.000
14-15-S	15.71	8.04	0	0	0	1000000.000
15-1-S	15.71	8.04	0	0	0	1000000.000
15-2-S	15.71	8.04	0	0	0	1000000.000
15-3-S	15.71	8.04	0	0	0	1000000.000
15-4-S	15.71	8.04	0	0	0	1000000.000
15-5-S	15.71	8.04	0	0	0	1000000.000
15-6-S	15.71	8.04	0	0	0	1000000.000
15-7-S	15.71	8.04	0	0	0	1000000.000
15-8-S	15.71	8.04	0	0	0	1000000.000
15-9-S	15.71	8.04	0	0	0	1000000.000
15-10-S	15.71	8.04	0	0	0	1000000.000
15-11-S	15.71	8.04	0	0	0	1000000.000
15-12-S	15.71	8.04	0	0	0	1000000.000
15-13-S	15.71	8.04	0	0	0	1000000.000
15-14-S	15.71	8.04	0	0	0	1000000.000
15-15-S	15.71	8.04	0	0	0	1000000.000
16-1-S	15.71	10.05	0	0	0	1000000.000
16-2-S	15.71	10.05	0	0	0	1000000.000
16-3-S	15.71	10.05	0	0	0	1000000.000
16-4-S	15.71	10.05	0	0	0	1000000.000
16-5-S	15.71	10.05	0	0	0	1000000.000
16-6-S	15.71	10.05	0	0	0	1000000.000
16-7-S	15.71	10.05	0	0	0	1000000.000
16-8-S	15.71	10.05	0	0	0	1000000.000
16-9-S	15.71	10.05	0	0	0	1000000.000
16-10-S	15.71	10.05	0	0	0	1000000.000
16-11-S	15.71	10.05	0	0	0	1000000.000
16-12-S	15.71	10.05	0	0	0	1000000.000
16-13-S	15.71	10.05	0	0	0	1000000.000
16-14-S	15.71	10.05	0	0	0	1000000.000
16-15-S	15.71	10.05	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
17-1-S	15.71	8.04	0	0	0	1000000.000
17-2-S	15.71	8.04	0	0	0	1000000.000
17-3-S	15.71	8.04	0	0	0	1000000.000
17-4-S	15.71	8.04	0	0	0	1000000.000
17-5-S	15.71	8.04	0	0	0	1000000.000
17-6-S	15.71	8.04	0	0	0	1000000.000
17-7-S	15.71	8.04	0	0	0	1000000.000
17-8-S	15.71	8.04	0	0	0	1000000.000
17-9-S	15.71	8.04	0	0	0	1000000.000
17-10-S	15.71	8.04	0	0	0	1000000.000
17-11-S	15.71	8.04	0	0	0	1000000.000
17-12-S	15.71	8.04	0	0	0	1000000.000
17-13-S	15.71	8.04	0	0	0	1000000.000
17-14-S	15.71	8.04	0	0	0	1000000.000
17-15-S	15.71	8.04	0	0	0	1000000.000
18-1-S	15.71	8.04	0	0	0	1000000.000
18-2-S	15.71	8.04	0	0	0	1000000.000
18-3-S	15.71	8.04	0	0	0	1000000.000
18-4-S	15.71	8.04	0	0	0	1000000.000
18-5-S	15.71	8.04	0	0	0	1000000.000
18-6-S	15.71	8.04	0	0	0	1000000.000
18-7-S	15.71	8.04	0	0	0	1000000.000
18-8-S	15.71	8.04	0	0	0	1000000.000
18-9-S	15.71	8.04	0	0	0	1000000.000
18-10-S	15.71	8.04	0	0	0	1000000.000
18-11-S	15.71	8.04	0	0	0	1000000.000
18-12-S	15.71	8.04	0	0	0	1000000.000
18-13-S	15.71	8.04	0	0	0	1000000.000
18-14-S	15.71	8.04	0	0	0	1000000.000
18-15-S	15.71	8.04	0	0	0	1000000.000
19-1-S	15.71	8.04	0	0	0	1000000.000
19-2-S	15.71	8.04	0	0	0	1000000.000
19-3-S	15.71	8.04	0	0	0	1000000.000
19-4-S	15.71	8.04	0	0	0	1000000.000
19-5-S	15.71	8.04	0	0	0	1000000.000
19-6-S	15.71	8.04	0	0	0	1000000.000
19-7-S	15.71	8.04	0	0	0	1000000.000
19-8-S	15.71	8.04	0	0	0	1000000.000
19-9-S	15.71	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
19-10-S	15.71	8.04	0	0	0	1000000.000
19-11-S	15.71	8.04	0	0	0	1000000.000
19-12-S	15.71	8.04	0	0	0	1000000.000
19-13-S	15.71	8.04	0	0	0	1000000.000
19-14-S	15.71	8.04	0	0	0	1000000.000
19-15-S	15.71	8.04	0	0	0	1000000.000
20-1-S	15.71	8.04	0	0	0	1000000.000
20-2-S	15.71	8.04	0	0	0	1000000.000
20-3-S	15.71	8.04	0	0	0	1000000.000
20-4-S	15.71	8.04	0	0	0	1000000.000
20-5-S	15.71	8.04	0	0	0	1000000.000
20-6-S	15.71	8.04	0	0	0	1000000.000
20-7-S	15.71	8.04	0	0	0	1000000.000
20-8-S	15.71	8.04	0	0	0	1000000.000
20-9-S	15.71	8.04	0	0	0	1000000.000
20-10-S	15.71	8.04	0	0	0	1000000.000
20-11-S	15.71	8.04	0	0	0	1000000.000
20-12-S	15.71	8.04	0	0	0	1000000.000
20-13-S	15.71	8.04	0	0	0	1000000.000
20-14-S	15.71	8.04	0	0	0	1000000.000
20-15-S	15.71	8.04	0	0	0	1000000.000
21-1-S	15.71	8.04	0	0	0	1000000.000
21-2-S	15.71	8.04	0	0	0	1000000.000
21-3-S	15.71	8.04	0	0	0	1000000.000
21-4-S	15.71	8.04	0	0	0	1000000.000
21-5-S	15.71	8.04	0	0	0	1000000.000
21-6-S	15.71	8.04	0	0	0	1000000.000
21-7-S	15.71	8.04	0	0	0	1000000.000
21-8-S	15.71	8.04	0	0	0	1000000.000
21-9-S	15.71	8.04	0	0	0	1000000.000
21-10-S	15.71	8.04	0	0	0	1000000.000
21-11-S	15.71	8.04	0	0	0	1000000.000
21-12-S	15.71	8.04	0	0	0	1000000.000
21-13-S	15.71	8.04	0	0	0	1000000.000
21-14-S	15.71	8.04	0	0	0	1000000.000
21-15-S	15.71	8.04	0	0	0	1000000.000
22-1-S	15.71	8.04	0	0	0	1000000.000
22-2-S	15.71	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
22-3-S	15.71	8.04	0	0	0	1000000.000
22-4-S	15.71	8.04	0	0	0	1000000.000
22-5-S	15.71	8.04	0	0	0	1000000.000
22-6-S	15.71	8.04	0	0	0	1000000.000
22-7-S	15.71	8.04	0	0	0	1000000.000
22-8-S	15.71	8.04	0	0	0	1000000.000
22-9-S	15.71	8.04	0	0	0	1000000.000
22-10-S	15.71	8.04	0	0	0	1000000.000
22-11-S	15.71	8.04	0	0	0	1000000.000
22-12-S	15.71	8.04	0	0	0	1000000.000
22-13-S	15.71	8.04	0	0	0	1000000.000
22-14-S	15.71	8.04	0	0	0	1000000.000
22-15-S	15.71	8.04	0	0	0	1000000.000
23-1-S	18.85	8.04	0	0	0	1000000.000
23-2-S	18.85	8.04	0	0	0	1000000.000
23-3-S	18.85	8.04	0	0	0	1000000.000
23-4-S	18.85	8.04	0	0	0	1000000.000
23-5-S	18.85	8.04	0	0	0	1000000.000
23-6-S	18.85	8.04	0	0	0	1000000.000
23-7-S	18.85	8.04	0	0	0	1000000.000
23-8-S	18.85	8.04	0	0	0	1000000.000
23-9-S	18.85	8.04	0	0	0	1000000.000
23-10-S	18.85	8.04	0	0	0	1000000.000
23-11-S	18.85	8.04	0	0	0	1000000.000
23-12-S	18.85	8.04	0	0	0	1000000.000
23-13-S	18.85	8.04	0	0	0	1000000.000
23-14-S	18.85	8.04	0	0	0	1000000.000
23-15-S	18.85	8.04	0	0	0	1000000.000
24-1-S	18.85	8.04	0	0	0	1000000.000
24-2-S	18.85	8.04	0	0	0	1000000.000
24-3-S	18.85	8.04	0	0	0	1000000.000
24-4-S	18.85	8.04	0	0	0	1000000.000
24-5-S	18.85	8.04	0	0	0	1000000.000
24-6-S	18.85	8.04	0	0	0	1000000.000
24-7-S	18.85	8.04	0	0	0	1000000.000
24-8-S	18.85	8.04	0	0	0	1000000.000
24-9-S	18.85	8.04	0	0	0	1000000.000
24-10-S	18.85	8.04	0	0	0	1000000.000
24-11-S	18.85	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
24-12-S	18.85	8.04	0	0	0	1000000.000
24-13-S	18.85	8.04	0	0	0	1000000.000
24-14-S	18.85	8.04	0	0	0	1000000.000
24-15-S	18.85	8.04	0	0	0	1000000.000
25-1-S	18.85	8.04	0	0	0	1000000.000
25-2-S	18.85	8.04	0	0	0	1000000.000
25-3-S	18.85	8.04	0	0	0	1000000.000
25-4-S	18.85	8.04	0	0	0	1000000.000
25-5-S	18.85	8.04	0	0	0	1000000.000
25-6-S	18.85	8.04	0	0	0	1000000.000
25-7-S	18.85	8.04	0	0	0	1000000.000
25-8-S	18.85	8.04	0	0	0	1000000.000
25-9-S	18.85	8.04	0	0	0	1000000.000
25-10-S	18.85	8.04	0	0	0	1000000.000
25-11-S	18.85	8.04	0	0	0	1000000.000
25-12-S	18.85	8.04	0	0	0	1000000.000
25-13-S	18.85	8.04	0	0	0	1000000.000
25-14-S	18.85	8.04	0	0	0	1000000.000
25-15-S	18.85	8.04	0	0	0	1000000.000
26-1-S	18.85	8.04	0	0	0	1000000.000
26-2-S	18.85	8.04	0	0	0	1000000.000
26-3-S	18.85	8.04	0	0	0	1000000.000
26-4-S	18.85	8.04	0	0	0	1000000.000
26-5-S	18.85	8.04	0	0	0	1000000.000
26-6-S	18.85	8.04	0	0	0	1000000.000
26-7-S	18.85	8.04	0	0	0	1000000.000
26-8-S	18.85	8.04	0	0	0	1000000.000
26-9-S	18.85	8.04	0	0	0	1000000.000
26-10-S	18.85	8.04	0	0	0	1000000.000
26-11-S	18.85	8.04	0	0	0	1000000.000
26-12-S	18.85	8.04	0	0	0	1000000.000
26-13-S	18.85	8.04	0	0	0	1000000.000
26-14-S	18.85	8.04	0	0	0	1000000.000
26-15-S	18.85	8.04	0	0	0	1000000.000

Combinazione n° 6 - STR (A1-M1-R3)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-1-P	8.04	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
1-2-P	8.04	8.04	0	0	0	1000000.000
1-3-P	8.04	8.04	0	0	0	1000000.000
1-4-P	8.04	8.04	0	0	0	1000000.000
1-5-P	8.04	8.04	0	0	0	1000000.000
1-6-P	8.04	8.04	0	0	0	1000000.000
1-7-P	8.04	8.04	0	0	0	1000000.000
1-8-P	8.04	8.04	0	0	0	1000000.000
1-9-P	8.04	8.04	0	0	0	1000000.000
1-10-P	8.04	8.04	0	0	0	1000000.000
1-11-P	8.04	8.04	0	0	0	1000000.000
1-12-P	8.04	8.04	0	0	0	1000000.000
1-13-P	8.04	8.04	0	0	0	1000000.000
1-14-P	8.04	8.04	0	0	0	1000000.000
1-15-P	8.04	8.04	0	0	0	1000000.000
1-16-P	8.04	8.04	0	0	0	1000000.000
1-17-P	8.04	8.04	0	0	0	1000000.000
1-18-P	8.04	8.04	0	0	0	1000000.000
1-19-P	8.04	8.04	0	0	0	1000000.000
1-20-P	8.04	8.04	0	0	0	1000000.000
1-21-P	8.04	8.04	0	0	0	1000000.000
1-22-P	8.04	8.04	0	0	0	1000000.000
1-23-P	8.04	8.04	0	0	0	1000000.000
1-24-P	8.04	8.04	0	0	0	1000000.000
1-25-P	8.04	8.04	0	0	0	1000000.000
1-26-P	8.04	8.04	0	0	0	1000000.000
1-27-P	8.04	8.04	0	0	0	1000000.000
1-28-P	8.04	8.04	0	0	0	1000000.000
1-29-P	8.04	8.04	0	0	0	1000000.000
1-30-P	8.04	8.04	0	0	0	1000000.000
1-31-P	8.04	8.04	0	0	0	1000000.000
1-32-P	8.04	8.04	0	0	0	1000000.000
1-33-P	8.04	8.04	0	0	0	1000000.000
1-34-P	8.04	8.04	0	0	0	1000000.000
1-35-P	8.04	8.04	0	0	0	1000000.000
1-36-P	8.04	8.04	0	0	0	1000000.000
1-37-P	8.04	8.04	0	0	0	1000000.000
1-38-P	8.04	8.04	0	0	0	1000000.000
1-39-P	8.04	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-40-P	8.04	8.04	0	0	0	1000000.000
1-41-P	8.04	8.04	0	0	0	1000000.000
1-42-P	8.04	8.04	0	0	0	1000000.000
1-43-P	8.04	8.04	0	0	0	1000000.000
1-44-P	8.04	8.04	0	0	0	1000000.000
1-45-P	8.04	8.04	0	0	0	1000000.000
1-46-P	8.04	8.04	0	0	0	1000000.000
1-47-P	8.04	8.04	0	0	0	1000000.000
1-48-P	8.04	8.04	0	0	0	1000000.000
1-49-P	8.04	8.04	0	0	0	1000000.000
1-50-P	8.04	8.04	0	0	0	1000000.000
1-51-P	8.04	8.04	0	0	0	1000000.000
1-52-P	8.04	8.04	0	0	0	1000000.000
1-53-P	8.04	8.04	0	0	0	1000000.000
1-54-P	8.04	8.04	0	0	0	1000000.000
1-55-P	8.04	8.04	0	0	0	1000000.000
1-56-P	8.04	8.04	0	0	0	1000000.000
1-57-P	8.04	8.04	0	0	0	1000000.000
1-58-P	8.04	8.04	0	0	0	1000000.000
1-59-P	8.04	8.04	0	0	0	1000000.000
1-60-P	8.04	8.04	0	0	0	1000000.000
1-61-P	8.04	8.04	0	0	0	1000000.000
1-62-P	8.04	8.04	0	0	0	1000000.000
1-63-P	8.04	8.04	0	0	0	1000000.000
1-64-P	8.04	8.04	0	0	0	1000000.000
1-65-P	8.04	8.04	0	0	0	1000000.000
1-66-P	8.04	8.04	0	0	0	1000000.000
1-67-P	8.04	8.04	0	0	0	1000000.000
1-68-P	8.04	8.04	0	0	0	1000000.000
1-69-P	8.04	8.04	0	0	0	1000000.000
1-70-P	8.04	8.04	0	0	0	1000000.000
1-71-P	8.04	8.04	0	0	0	1000000.000
1-72-P	8.04	8.04	0	0	0	1000000.000
1-73-P	8.04	8.04	0	0	0	1000000.000
1-74-P	8.04	8.04	0	0	0	1000000.000
1-75-P	8.04	8.04	0	0	0	1000000.000
1-76-P	8.04	8.04	0	0	0	1000000.000
1-77-P	8.04	8.04	0	0	0	1000000.000
1-78-P	8.04	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
1-79-P	8.04	8.04	0	0	0	1000000.000
1-80-P	8.04	8.04	0	0	0	1000000.000
1-81-P	8.04	8.04	0	0	0	1000000.000
1-82-P	8.04	8.04	0	0	0	1000000.000
1-83-P	8.04	8.04	0	0	0	1000000.000
1-84-P	8.04	8.04	0	0	0	1000000.000
1-85-P	8.04	8.04	0	0	0	1000000.000
2-1-P	8.04	8.04	0	0	0	1000000.000
2-2-P	8.04	8.04	0	0	0	1000000.000
2-3-P	8.04	8.04	0	0	0	1000000.000
2-4-P	8.04	8.04	0	0	0	1000000.000
2-5-P	8.04	8.04	0	0	0	1000000.000
2-6-P	8.04	8.04	0	0	0	1000000.000
2-7-P	8.04	8.04	0	0	0	1000000.000
2-8-P	8.04	8.04	0	0	0	1000000.000
2-9-P	8.04	8.04	0	0	0	1000000.000
2-10-P	8.04	8.04	0	0	0	1000000.000
2-11-P	8.04	8.04	0	0	0	1000000.000
2-12-P	8.04	8.04	0	0	0	1000000.000
2-13-P	8.04	8.04	0	0	0	1000000.000
2-14-P	8.04	8.04	0	0	0	1000000.000
2-15-P	8.04	8.04	0	0	0	1000000.000
2-16-P	8.04	8.04	0	0	0	1000000.000
2-17-P	8.04	8.04	0	0	0	1000000.000
2-18-P	8.04	8.04	0	0	0	1000000.000
2-19-P	8.04	8.04	0	0	0	1000000.000
2-20-P	8.04	8.04	0	0	0	1000000.000
2-21-P	8.04	8.04	0	0	0	1000000.000
2-22-P	8.04	8.04	0	0	0	1000000.000
2-23-P	8.04	8.04	0	0	0	1000000.000
2-24-P	8.04	8.04	0	0	0	1000000.000
2-25-P	8.04	8.04	0	0	0	1000000.000
2-26-P	8.04	8.04	0	0	0	1000000.000
2-27-P	8.04	8.04	0	0	0	1000000.000
2-28-P	8.04	8.04	0	0	0	1000000.000
2-29-P	8.04	8.04	0	0	0	1000000.000
2-30-P	8.04	8.04	0	0	0	1000000.000
2-31-P	8.04	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
2-32-P	8.04	8.04	0	0	0	1000000.000
2-33-P	8.04	8.04	0	0	0	1000000.000
2-34-P	8.04	8.04	0	0	0	1000000.000
2-35-P	8.04	8.04	0	0	0	1000000.000
2-36-P	8.04	8.04	0	0	0	1000000.000
2-37-P	8.04	8.04	0	0	0	1000000.000
2-38-P	8.04	8.04	0	0	0	1000000.000
2-39-P	8.04	8.04	0	0	0	1000000.000
2-40-P	8.04	8.04	0	0	0	1000000.000
2-41-P	8.04	8.04	0	0	0	1000000.000
2-42-P	8.04	8.04	0	0	0	1000000.000
2-43-P	8.04	8.04	0	0	0	1000000.000
2-44-P	8.04	8.04	0	0	0	1000000.000
2-45-P	8.04	8.04	0	0	0	1000000.000
2-46-P	8.04	8.04	0	0	0	1000000.000
2-47-P	8.04	8.04	0	0	0	1000000.000
2-48-P	8.04	8.04	0	0	0	1000000.000
2-49-P	8.04	8.04	0	0	0	1000000.000
2-50-P	8.04	8.04	0	0	0	1000000.000
2-51-P	8.04	8.04	0	0	0	1000000.000
2-52-P	8.04	8.04	0	0	0	1000000.000
2-53-P	8.04	8.04	0	0	0	1000000.000
2-54-P	8.04	8.04	0	0	0	1000000.000
2-55-P	8.04	8.04	0	0	0	1000000.000
2-56-P	8.04	8.04	0	0	0	1000000.000
2-57-P	8.04	8.04	0	0	0	1000000.000
2-58-P	8.04	8.04	0	0	0	1000000.000
2-59-P	8.04	8.04	0	0	0	1000000.000
2-60-P	8.04	8.04	0	0	0	1000000.000
2-61-P	8.04	8.04	0	0	0	1000000.000
2-62-P	8.04	8.04	0	0	0	1000000.000
2-63-P	8.04	8.04	0	0	0	1000000.000
2-64-P	8.04	8.04	0	0	0	1000000.000
2-65-P	8.04	8.04	0	0	0	1000000.000
2-66-P	8.04	8.04	0	0	0	1000000.000
2-67-P	8.04	8.04	0	0	0	1000000.000
2-68-P	8.04	8.04	0	0	0	1000000.000
2-69-P	8.04	8.04	0	0	0	1000000.000
2-70-P	8.04	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
2-71-P	8.04	8.04	0	0	0	1000000.000
2-72-P	8.04	8.04	0	0	0	1000000.000
2-73-P	8.04	8.04	0	0	0	1000000.000
2-74-P	8.04	8.04	0	0	0	1000000.000
2-75-P	8.04	8.04	0	0	0	1000000.000
2-76-P	8.04	8.04	0	0	0	1000000.000
2-77-P	8.04	8.04	0	0	0	1000000.000
2-78-P	8.04	8.04	0	0	0	1000000.000
2-79-P	8.04	8.04	0	0	0	1000000.000
2-80-P	8.04	8.04	0	0	0	1000000.000
2-81-P	8.04	8.04	0	0	0	1000000.000
2-82-P	8.04	8.04	0	0	0	1000000.000
2-83-P	8.04	8.04	0	0	0	1000000.000
2-84-P	8.04	8.04	0	0	0	1000000.000
2-85-P	8.04	8.04	0	0	0	1000000.000
3-1-P	8.04	8.04	0	0	0	1000000.000
3-2-P	8.04	8.04	0	0	0	1000000.000
3-3-P	8.04	8.04	0	0	0	1000000.000
3-4-P	8.04	8.04	0	0	0	1000000.000
3-5-P	8.04	8.04	0	0	0	1000000.000
3-6-P	8.04	8.04	0	0	0	1000000.000
3-7-P	8.04	8.04	0	0	0	1000000.000
3-8-P	8.04	8.04	0	0	0	1000000.000
3-9-P	8.04	8.04	0	0	0	1000000.000
3-10-P	8.04	8.04	0	0	0	1000000.000
3-11-P	8.04	8.04	0	0	0	1000000.000
3-12-P	8.04	8.04	0	0	0	1000000.000
3-13-P	8.04	8.04	0	0	0	1000000.000
3-14-P	8.04	8.04	0	0	0	1000000.000
3-15-P	8.04	8.04	0	0	0	1000000.000
3-16-P	8.04	8.04	0	0	0	1000000.000
3-17-P	8.04	8.04	0	0	0	1000000.000
3-18-P	8.04	8.04	0	0	0	1000000.000
3-19-P	8.04	8.04	0	0	0	1000000.000
3-20-P	8.04	8.04	0	0	0	1000000.000
3-21-P	8.04	8.04	0	0	0	1000000.000
3-22-P	8.04	8.04	0	0	0	1000000.000
3-23-P	8.04	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
3-24-P	8.04	8.04	0	0	0	1000000.000
3-25-P	8.04	8.04	0	0	0	1000000.000
3-26-P	8.04	8.04	0	0	0	1000000.000
3-27-P	8.04	8.04	0	0	0	1000000.000
3-28-P	8.04	8.04	0	0	0	1000000.000
3-29-P	8.04	8.04	0	0	0	1000000.000
3-30-P	8.04	8.04	0	0	0	1000000.000
3-31-P	8.04	8.04	0	0	0	1000000.000
3-32-P	8.04	8.04	0	0	0	1000000.000
3-33-P	8.04	8.04	0	0	0	1000000.000
3-34-P	8.04	8.04	0	0	0	1000000.000
3-35-P	8.04	8.04	0	0	0	1000000.000
3-36-P	8.04	8.04	0	0	0	1000000.000
3-37-P	8.04	8.04	0	0	0	1000000.000
3-38-P	8.04	8.04	0	0	0	1000000.000
3-39-P	8.04	8.04	0	0	0	1000000.000
3-40-P	8.04	8.04	0	0	0	1000000.000
3-41-P	8.04	8.04	0	0	0	1000000.000
3-42-P	8.04	8.04	0	0	0	1000000.000
3-43-P	8.04	8.04	0	0	0	1000000.000
3-44-P	8.04	8.04	0	0	0	1000000.000
3-45-P	8.04	8.04	0	0	0	1000000.000
3-46-P	8.04	8.04	0	0	0	1000000.000
3-47-P	8.04	8.04	0	0	0	1000000.000
3-48-P	8.04	8.04	0	0	0	1000000.000
3-49-P	8.04	8.04	0	0	0	1000000.000
3-50-P	8.04	8.04	0	0	0	1000000.000
3-51-P	8.04	8.04	0	0	0	1000000.000
3-52-P	8.04	8.04	0	0	0	1000000.000
3-53-P	8.04	8.04	0	0	0	1000000.000
3-54-P	8.04	8.04	0	0	0	1000000.000
3-55-P	8.04	8.04	0	0	0	1000000.000
3-56-P	8.04	8.04	0	0	0	1000000.000
3-57-P	8.04	8.04	0	0	0	1000000.000
3-58-P	8.04	8.04	0	0	0	1000000.000
3-59-P	8.04	8.04	0	0	0	1000000.000
3-60-P	8.04	8.04	0	0	0	1000000.000
3-61-P	8.04	8.04	0	0	0	1000000.000
3-62-P	8.04	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
3-63-P	8.04	8.04	0	0	0	1000000.000
3-64-P	8.04	8.04	0	0	0	1000000.000
3-65-P	8.04	8.04	0	0	0	1000000.000
3-66-P	8.04	8.04	0	0	0	1000000.000
3-67-P	8.04	8.04	0	0	0	1000000.000
3-68-P	8.04	8.04	0	0	0	1000000.000
3-69-P	8.04	8.04	0	0	0	1000000.000
3-70-P	8.04	8.04	0	0	0	1000000.000
3-71-P	8.04	8.04	0	0	0	1000000.000
3-72-P	8.04	8.04	0	0	0	1000000.000
3-73-P	8.04	8.04	0	0	0	1000000.000
3-74-P	8.04	8.04	0	0	0	1000000.000
3-75-P	8.04	8.04	0	0	0	1000000.000
3-76-P	8.04	8.04	0	0	0	1000000.000
3-77-P	8.04	8.04	0	0	0	1000000.000
3-78-P	8.04	8.04	0	0	0	1000000.000
3-79-P	8.04	8.04	0	0	0	1000000.000
3-80-P	8.04	8.04	0	0	0	1000000.000
3-81-P	8.04	8.04	0	0	0	1000000.000
3-82-P	8.04	8.04	0	0	0	1000000.000
3-83-P	8.04	8.04	0	0	0	1000000.000
3-84-P	8.04	8.04	0	0	0	1000000.000
3-85-P	8.04	8.04	0	0	0	1000000.000
5-1-P	4.02	4.02	0	0	0	1000000.000
5-2-P	4.02	4.02	0	0	0	1000000.000
5-3-P	4.02	4.02	0	0	0	1000000.000
5-4-P	4.02	4.02	0	0	0	1000000.000
5-5-P	4.02	4.02	0	0	0	1000000.000
5-6-P	4.02	4.02	0	0	0	1000000.000
5-7-P	4.02	4.02	0	0	0	1000000.000
5-8-P	4.02	4.02	0	0	0	1000000.000
5-9-P	4.02	4.02	0	0	0	1000000.000
5-10-P	4.02	4.02	0	0	0	1000000.000
5-11-P	4.02	4.02	0	0	0	1000000.000
5-12-P	4.02	4.02	0	0	0	1000000.000
5-13-P	4.02	4.02	0	0	0	1000000.000
5-14-P	4.02	4.02	0	0	0	1000000.000
5-15-P	4.02	4.02	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
5-16-P	4.02	4.02	0	0	0	1000000.000
5-17-P	4.02	4.02	0	0	0	1000000.000
5-18-P	4.02	4.02	0	0	0	1000000.000
5-19-P	4.02	4.02	0	0	0	1000000.000
5-20-P	4.02	4.02	0	0	0	1000000.000
5-21-P	4.02	4.02	0	0	0	1000000.000
5-22-P	4.02	4.02	0	0	0	1000000.000
5-23-P	4.02	4.02	0	0	0	1000000.000
5-24-P	4.02	4.02	0	0	0	1000000.000
5-25-P	4.02	4.02	0	0	0	1000000.000
5-26-P	4.02	4.02	0	0	0	1000000.000
5-27-P	4.02	4.02	0	0	0	1000000.000
5-28-P	4.02	4.02	0	0	0	1000000.000
5-29-P	4.02	4.02	0	0	0	1000000.000
5-30-P	4.02	4.02	0	0	0	1000000.000
5-31-P	4.02	4.02	0	0	0	1000000.000
5-32-P	4.02	4.02	0	0	0	1000000.000
5-33-P	4.02	4.02	0	0	0	1000000.000
5-34-P	4.02	4.02	0	0	0	1000000.000
5-35-P	4.02	4.02	0	0	0	1000000.000
5-36-P	4.02	4.02	0	0	0	1000000.000
5-37-P	4.02	4.02	0	0	0	1000000.000
5-38-P	4.02	4.02	0	0	0	1000000.000
5-39-P	4.02	4.02	0	0	0	1000000.000
5-40-P	4.02	4.02	0	0	0	1000000.000
5-41-P	4.02	4.02	0	0	0	1000000.000
5-42-P	4.02	4.02	0	0	0	1000000.000
5-43-P	4.02	4.02	0	0	0	1000000.000
5-44-P	4.02	4.02	0	0	0	1000000.000
5-45-P	4.02	4.02	0	0	0	1000000.000
5-46-P	4.02	4.02	0	0	0	1000000.000
5-47-P	4.02	4.02	0	0	0	1000000.000
5-48-P	4.02	4.02	0	0	0	1000000.000
5-49-P	4.02	4.02	0	0	0	1000000.000
5-50-P	4.02	4.02	0	0	0	1000000.000
5-51-P	4.02	4.02	0	0	0	1000000.000
5-52-P	4.02	4.02	0	0	0	1000000.000
5-53-P	4.02	4.02	0	0	0	1000000.000
5-54-P	4.02	4.02	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
5-55-P	4.02	4.02	0	0	0	1000000.000
5-56-P	4.02	4.02	0	0	0	1000000.000
5-57-P	4.02	4.02	0	0	0	1000000.000
5-58-P	4.02	4.02	0	0	0	1000000.000
5-59-P	4.02	4.02	0	0	0	1000000.000
5-60-P	4.02	4.02	0	0	0	1000000.000
5-61-P	4.02	4.02	0	0	0	1000000.000
5-62-P	4.02	4.02	0	0	0	1000000.000
5-63-P	4.02	4.02	0	0	0	1000000.000
5-64-P	4.02	4.02	0	0	0	1000000.000
5-65-P	4.02	4.02	0	0	0	1000000.000
5-66-P	4.02	4.02	0	0	0	1000000.000
5-67-P	4.02	4.02	0	0	0	1000000.000
5-68-P	4.02	4.02	0	0	0	1000000.000
5-69-P	4.02	4.02	0	0	0	1000000.000
5-70-P	4.02	4.02	0	0	0	1000000.000
5-71-P	4.02	4.02	0	0	0	1000000.000
5-72-P	4.02	4.02	0	0	0	1000000.000
5-73-P	4.02	4.02	0	0	0	1000000.000
5-74-P	4.02	4.02	0	0	0	1000000.000
5-75-P	4.02	4.02	0	0	0	1000000.000
5-76-P	4.02	4.02	0	0	0	1000000.000
5-77-P	4.02	4.02	0	0	0	1000000.000
5-78-P	4.02	4.02	0	0	0	1000000.000
5-79-P	4.02	4.02	0	0	0	1000000.000
5-80-P	4.02	4.02	0	0	0	1000000.000
5-81-P	4.02	4.02	0	0	0	1000000.000
5-82-P	4.02	4.02	0	0	0	1000000.000
5-83-P	4.02	4.02	0	0	0	1000000.000
5-84-P	4.02	4.02	0	0	0	1000000.000
5-85-P	4.02	4.02	0	0	0	1000000.000
6-1-S	18.85	8.04	0	0	0	1000000.000
6-2-S	18.85	8.04	0	0	0	1000000.000
6-3-S	18.85	8.04	0	0	0	1000000.000
6-4-S	18.85	8.04	0	0	0	1000000.000
6-5-S	18.85	8.04	0	0	0	1000000.000
6-6-S	18.85	8.04	0	0	0	1000000.000
6-7-S	18.85	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
6-8-S	18.85	8.04	0	0	0	1000000.000
6-9-S	18.85	8.04	0	0	0	1000000.000
6-10-S	18.85	8.04	0	0	0	1000000.000
6-11-S	18.85	8.04	0	0	0	1000000.000
6-12-S	18.85	8.04	0	0	0	1000000.000
6-13-S	18.85	8.04	0	0	0	1000000.000
6-14-S	18.85	8.04	0	0	0	1000000.000
6-15-S	18.85	8.04	0	0	0	1000000.000
7-1-S	18.85	8.04	0	0	0	1000000.000
7-2-S	18.85	8.04	0	0	0	1000000.000
7-3-S	18.85	8.04	0	0	0	1000000.000
7-4-S	18.85	8.04	0	0	0	1000000.000
7-5-S	18.85	8.04	0	0	0	1000000.000
7-6-S	18.85	8.04	0	0	0	1000000.000
7-7-S	18.85	8.04	0	0	0	1000000.000
7-8-S	18.85	8.04	0	0	0	1000000.000
7-9-S	18.85	8.04	0	0	0	1000000.000
7-10-S	18.85	8.04	0	0	0	1000000.000
7-11-S	18.85	8.04	0	0	0	1000000.000
7-12-S	18.85	8.04	0	0	0	1000000.000
7-13-S	18.85	8.04	0	0	0	1000000.000
7-14-S	18.85	8.04	0	0	0	1000000.000
7-15-S	18.85	8.04	0	0	0	1000000.000
8-1-S	18.85	8.04	0	0	0	1000000.000
8-2-S	18.85	8.04	0	0	0	1000000.000
8-3-S	18.85	8.04	0	0	0	1000000.000
8-4-S	18.85	8.04	0	0	0	1000000.000
8-5-S	18.85	8.04	0	0	0	1000000.000
8-6-S	18.85	8.04	0	0	0	1000000.000
8-7-S	18.85	8.04	0	0	0	1000000.000
8-8-S	18.85	8.04	0	0	0	1000000.000
8-9-S	18.85	8.04	0	0	0	1000000.000
8-10-S	18.85	8.04	0	0	0	1000000.000
8-11-S	18.85	8.04	0	0	0	1000000.000
8-12-S	18.85	8.04	0	0	0	1000000.000
8-13-S	18.85	8.04	0	0	0	1000000.000
8-14-S	18.85	8.04	0	0	0	1000000.000
8-15-S	18.85	8.04	0	0	0	1000000.000
9-1-S	18.85	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
9-2-S	18.85	8.04	0	0	0	1000000.000
9-3-S	18.85	8.04	0	0	0	1000000.000
9-4-S	18.85	8.04	0	0	0	1000000.000
9-5-S	18.85	8.04	0	0	0	1000000.000
9-6-S	18.85	8.04	0	0	0	1000000.000
9-7-S	18.85	8.04	0	0	0	1000000.000
9-8-S	18.85	8.04	0	0	0	1000000.000
9-9-S	18.85	8.04	0	0	0	1000000.000
9-10-S	18.85	8.04	0	0	0	1000000.000
9-11-S	18.85	8.04	0	0	0	1000000.000
9-12-S	18.85	8.04	0	0	0	1000000.000
9-13-S	18.85	8.04	0	0	0	1000000.000
9-14-S	18.85	8.04	0	0	0	1000000.000
9-15-S	18.85	8.04	0	0	0	1000000.000
10-1-S	15.71	8.04	0	0	0	1000000.000
10-2-S	15.71	8.04	0	0	0	1000000.000
10-3-S	15.71	8.04	0	0	0	1000000.000
10-4-S	15.71	8.04	0	0	0	1000000.000
10-5-S	15.71	8.04	0	0	0	1000000.000
10-6-S	15.71	8.04	0	0	0	1000000.000
10-7-S	15.71	8.04	0	0	0	1000000.000
10-8-S	15.71	8.04	0	0	0	1000000.000
10-9-S	15.71	8.04	0	0	0	1000000.000
10-10-S	15.71	8.04	0	0	0	1000000.000
10-11-S	15.71	8.04	0	0	0	1000000.000
10-12-S	15.71	8.04	0	0	0	1000000.000
10-13-S	15.71	8.04	0	0	0	1000000.000
10-14-S	15.71	8.04	0	0	0	1000000.000
10-15-S	15.71	8.04	0	0	0	1000000.000
11-1-S	15.71	8.04	0	0	0	1000000.000
11-2-S	15.71	8.04	0	0	0	1000000.000
11-3-S	15.71	8.04	0	0	0	1000000.000
11-4-S	15.71	8.04	0	0	0	1000000.000
11-5-S	15.71	8.04	0	0	0	1000000.000
11-6-S	15.71	8.04	0	0	0	1000000.000
11-7-S	15.71	8.04	0	0	0	1000000.000
11-8-S	15.71	8.04	0	0	0	1000000.000
11-9-S	15.71	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
11-10-S	15.71	8.04	0	0	0	1000000.000
11-11-S	15.71	8.04	0	0	0	1000000.000
11-12-S	15.71	8.04	0	0	0	1000000.000
11-13-S	15.71	8.04	0	0	0	1000000.000
11-14-S	15.71	8.04	0	0	0	1000000.000
11-15-S	15.71	8.04	0	0	0	1000000.000
12-1-S	15.71	8.04	0	0	0	1000000.000
12-2-S	15.71	8.04	0	0	0	1000000.000
12-3-S	15.71	8.04	0	0	0	1000000.000
12-4-S	15.71	8.04	0	0	0	1000000.000
12-5-S	15.71	8.04	0	0	0	1000000.000
12-6-S	15.71	8.04	0	0	0	1000000.000
12-7-S	15.71	8.04	0	0	0	1000000.000
12-8-S	15.71	8.04	0	0	0	1000000.000
12-9-S	15.71	8.04	0	0	0	1000000.000
12-10-S	15.71	8.04	0	0	0	1000000.000
12-11-S	15.71	8.04	0	0	0	1000000.000
12-12-S	15.71	8.04	0	0	0	1000000.000
12-13-S	15.71	8.04	0	0	0	1000000.000
12-14-S	15.71	8.04	0	0	0	1000000.000
12-15-S	15.71	8.04	0	0	0	1000000.000
13-1-S	15.71	8.04	0	0	0	1000000.000
13-2-S	15.71	8.04	0	0	0	1000000.000
13-3-S	15.71	8.04	0	0	0	1000000.000
13-4-S	15.71	8.04	0	0	0	1000000.000
13-5-S	15.71	8.04	0	0	0	1000000.000
13-6-S	15.71	8.04	0	0	0	1000000.000
13-7-S	15.71	8.04	0	0	0	1000000.000
13-8-S	15.71	8.04	0	0	0	1000000.000
13-9-S	15.71	8.04	0	0	0	1000000.000
13-10-S	15.71	8.04	0	0	0	1000000.000
13-11-S	15.71	8.04	0	0	0	1000000.000
13-12-S	15.71	8.04	0	0	0	1000000.000
13-13-S	15.71	8.04	0	0	0	1000000.000
13-14-S	15.71	8.04	0	0	0	1000000.000
13-15-S	15.71	8.04	0	0	0	1000000.000
14-1-S	15.71	8.04	0	0	0	1000000.000
14-2-S	15.71	8.04	0	0	0	1000000.000
14-3-S	15.71	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
14-4-S	15.71	8.04	0	0	0	1000000.000
14-5-S	15.71	8.04	0	0	0	1000000.000
14-6-S	15.71	8.04	0	0	0	1000000.000
14-7-S	15.71	8.04	0	0	0	1000000.000
14-8-S	15.71	8.04	0	0	0	1000000.000
14-9-S	15.71	8.04	0	0	0	1000000.000
14-10-S	15.71	8.04	0	0	0	1000000.000
14-11-S	15.71	8.04	0	0	0	1000000.000
14-12-S	15.71	8.04	0	0	0	1000000.000
14-13-S	15.71	8.04	0	0	0	1000000.000
14-14-S	15.71	8.04	0	0	0	1000000.000
14-15-S	15.71	8.04	0	0	0	1000000.000
15-1-S	15.71	8.04	0	0	0	1000000.000
15-2-S	15.71	8.04	0	0	0	1000000.000
15-3-S	15.71	8.04	0	0	0	1000000.000
15-4-S	15.71	8.04	0	0	0	1000000.000
15-5-S	15.71	8.04	0	0	0	1000000.000
15-6-S	15.71	8.04	0	0	0	1000000.000
15-7-S	15.71	8.04	0	0	0	1000000.000
15-8-S	15.71	8.04	0	0	0	1000000.000
15-9-S	15.71	8.04	0	0	0	1000000.000
15-10-S	15.71	8.04	0	0	0	1000000.000
15-11-S	15.71	8.04	0	0	0	1000000.000
15-12-S	15.71	8.04	0	0	0	1000000.000
15-13-S	15.71	8.04	0	0	0	1000000.000
15-14-S	15.71	8.04	0	0	0	1000000.000
15-15-S	15.71	8.04	0	0	0	1000000.000
16-1-S	15.71	10.05	0	0	0	1000000.000
16-2-S	15.71	10.05	0	0	0	1000000.000
16-3-S	15.71	10.05	0	0	0	1000000.000
16-4-S	15.71	10.05	0	0	0	1000000.000
16-5-S	15.71	10.05	0	0	0	1000000.000
16-6-S	15.71	10.05	0	0	0	1000000.000
16-7-S	15.71	10.05	0	0	0	1000000.000
16-8-S	15.71	10.05	0	0	0	1000000.000
16-9-S	15.71	10.05	0	0	0	1000000.000
16-10-S	15.71	10.05	0	0	0	1000000.000
16-11-S	15.71	10.05	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
16-12-S	15.71	10.05	0	0	0	1000000.000
16-13-S	15.71	10.05	0	0	0	1000000.000
16-14-S	15.71	10.05	0	0	0	1000000.000
16-15-S	15.71	10.05	0	0	0	1000000.000
17-1-S	15.71	8.04	0	0	0	1000000.000
17-2-S	15.71	8.04	0	0	0	1000000.000
17-3-S	15.71	8.04	0	0	0	1000000.000
17-4-S	15.71	8.04	0	0	0	1000000.000
17-5-S	15.71	8.04	0	0	0	1000000.000
17-6-S	15.71	8.04	0	0	0	1000000.000
17-7-S	15.71	8.04	0	0	0	1000000.000
17-8-S	15.71	8.04	0	0	0	1000000.000
17-9-S	15.71	8.04	0	0	0	1000000.000
17-10-S	15.71	8.04	0	0	0	1000000.000
17-11-S	15.71	8.04	0	0	0	1000000.000
17-12-S	15.71	8.04	0	0	0	1000000.000
17-13-S	15.71	8.04	0	0	0	1000000.000
17-14-S	15.71	8.04	0	0	0	1000000.000
17-15-S	15.71	8.04	0	0	0	1000000.000
18-1-S	15.71	8.04	0	0	0	1000000.000
18-2-S	15.71	8.04	0	0	0	1000000.000
18-3-S	15.71	8.04	0	0	0	1000000.000
18-4-S	15.71	8.04	0	0	0	1000000.000
18-5-S	15.71	8.04	0	0	0	1000000.000
18-6-S	15.71	8.04	0	0	0	1000000.000
18-7-S	15.71	8.04	0	0	0	1000000.000
18-8-S	15.71	8.04	0	0	0	1000000.000
18-9-S	15.71	8.04	0	0	0	1000000.000
18-10-S	15.71	8.04	0	0	0	1000000.000
18-11-S	15.71	8.04	0	0	0	1000000.000
18-12-S	15.71	8.04	0	0	0	1000000.000
18-13-S	15.71	8.04	0	0	0	1000000.000
18-14-S	15.71	8.04	0	0	0	1000000.000
18-15-S	15.71	8.04	0	0	0	1000000.000
19-1-S	15.71	8.04	0	0	0	1000000.000
19-2-S	15.71	8.04	0	0	0	1000000.000
19-3-S	15.71	8.04	0	0	0	1000000.000
19-4-S	15.71	8.04	0	0	0	1000000.000
19-5-S	15.71	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
19-6-S	15.71	8.04	0	0	0	1000000.000
19-7-S	15.71	8.04	0	0	0	1000000.000
19-8-S	15.71	8.04	0	0	0	1000000.000
19-9-S	15.71	8.04	0	0	0	1000000.000
19-10-S	15.71	8.04	0	0	0	1000000.000
19-11-S	15.71	8.04	0	0	0	1000000.000
19-12-S	15.71	8.04	0	0	0	1000000.000
19-13-S	15.71	8.04	0	0	0	1000000.000
19-14-S	15.71	8.04	0	0	0	1000000.000
19-15-S	15.71	8.04	0	0	0	1000000.000
20-1-S	15.71	8.04	0	0	0	1000000.000
20-2-S	15.71	8.04	0	0	0	1000000.000
20-3-S	15.71	8.04	0	0	0	1000000.000
20-4-S	15.71	8.04	0	0	0	1000000.000
20-5-S	15.71	8.04	0	0	0	1000000.000
20-6-S	15.71	8.04	0	0	0	1000000.000
20-7-S	15.71	8.04	0	0	0	1000000.000
20-8-S	15.71	8.04	0	0	0	1000000.000
20-9-S	15.71	8.04	0	0	0	1000000.000
20-10-S	15.71	8.04	0	0	0	1000000.000
20-11-S	15.71	8.04	0	0	0	1000000.000
20-12-S	15.71	8.04	0	0	0	1000000.000
20-13-S	15.71	8.04	0	0	0	1000000.000
20-14-S	15.71	8.04	0	0	0	1000000.000
20-15-S	15.71	8.04	0	0	0	1000000.000
21-1-S	15.71	8.04	0	0	0	1000000.000
21-2-S	15.71	8.04	0	0	0	1000000.000
21-3-S	15.71	8.04	0	0	0	1000000.000
21-4-S	15.71	8.04	0	0	0	1000000.000
21-5-S	15.71	8.04	0	0	0	1000000.000
21-6-S	15.71	8.04	0	0	0	1000000.000
21-7-S	15.71	8.04	0	0	0	1000000.000
21-8-S	15.71	8.04	0	0	0	1000000.000
21-9-S	15.71	8.04	0	0	0	1000000.000
21-10-S	15.71	8.04	0	0	0	1000000.000
21-11-S	15.71	8.04	0	0	0	1000000.000
21-12-S	15.71	8.04	0	0	0	1000000.000
21-13-S	15.71	8.04	0	0	0	1000000.000

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
21-14-S	15.71	8.04	0	0	0	1000000.000
21-15-S	15.71	8.04	0	0	0	1000000.000
22-1-S	15.71	8.04	0	0	0	1000000.000
22-2-S	15.71	8.04	0	0	0	1000000.000
22-3-S	15.71	8.04	0	0	0	1000000.000
22-4-S	15.71	8.04	0	0	0	1000000.000
22-5-S	15.71	8.04	0	0	0	1000000.000
22-6-S	15.71	8.04	0	0	0	1000000.000
22-7-S	15.71	8.04	0	0	0	1000000.000
22-8-S	15.71	8.04	0	0	0	1000000.000
22-9-S	15.71	8.04	0	0	0	1000000.000
22-10-S	15.71	8.04	0	0	0	1000000.000
22-11-S	15.71	8.04	0	0	0	1000000.000
22-12-S	15.71	8.04	0	0	0	1000000.000
22-13-S	15.71	8.04	0	0	0	1000000.000
22-14-S	15.71	8.04	0	0	0	1000000.000
22-15-S	15.71	8.04	0	0	0	1000000.000
23-1-S	18.85	8.04	0	0	0	1000000.000
23-2-S	18.85	8.04	0	0	0	1000000.000
23-3-S	18.85	8.04	0	0	0	1000000.000
23-4-S	18.85	8.04	0	0	0	1000000.000
23-5-S	18.85	8.04	0	0	0	1000000.000
23-6-S	18.85	8.04	0	0	0	1000000.000
23-7-S	18.85	8.04	0	0	0	1000000.000
23-8-S	18.85	8.04	0	0	0	1000000.000
23-9-S	18.85	8.04	0	0	0	1000000.000
23-10-S	18.85	8.04	0	0	0	1000000.000
23-11-S	18.85	8.04	0	0	0	1000000.000
23-12-S	18.85	8.04	0	0	0	1000000.000
23-13-S	18.85	8.04	0	0	0	1000000.000
23-14-S	18.85	8.04	0	0	0	1000000.000
23-15-S	18.85	8.04	0	0	0	1000000.000
24-1-S	18.85	8.04	0	0	0	1000000.000
24-2-S	18.85	8.04	0	0	0	1000000.000
24-3-S	18.85	8.04	0	0	0	1000000.000
24-4-S	18.85	8.04	0	0	0	1000000.000
24-5-S	18.85	8.04	0	0	0	1000000.000
24-6-S	18.85	8.04	0	0	0	1000000.000
24-7-S	18.85	8.04	0	0	0	

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
						1000000.000
24-8-S	18.85	8.04	0	0	0	1000000.000
24-9-S	18.85	8.04	0	0	0	1000000.000
24-10-S	18.85	8.04	0	0	0	1000000.000
24-11-S	18.85	8.04	0	0	0	1000000.000
24-12-S	18.85	8.04	0	0	0	1000000.000
24-13-S	18.85	8.04	0	0	0	1000000.000
24-14-S	18.85	8.04	0	0	0	1000000.000
24-15-S	18.85	8.04	0	0	0	1000000.000
25-1-S	18.85	8.04	0	0	0	1000000.000
25-2-S	18.85	8.04	0	0	0	1000000.000
25-3-S	18.85	8.04	0	0	0	1000000.000
25-4-S	18.85	8.04	0	0	0	1000000.000
25-5-S	18.85	8.04	0	0	0	1000000.000
25-6-S	18.85	8.04	0	0	0	1000000.000
25-7-S	18.85	8.04	0	0	0	1000000.000
25-8-S	18.85	8.04	0	0	0	1000000.000
25-9-S	18.85	8.04	0	0	0	1000000.000
25-10-S	18.85	8.04	0	0	0	1000000.000
25-11-S	18.85	8.04	0	0	0	1000000.000
25-12-S	18.85	8.04	0	0	0	1000000.000
25-13-S	18.85	8.04	0	0	0	1000000.000
25-14-S	18.85	8.04	0	0	0	1000000.000
25-15-S	18.85	8.04	0	0	0	1000000.000
26-1-S	18.85	8.04	0	0	0	1000000.000
26-2-S	18.85	8.04	0	0	0	1000000.000
26-3-S	18.85	8.04	0	0	0	1000000.000
26-4-S	18.85	8.04	0	0	0	1000000.000
26-5-S	18.85	8.04	0	0	0	1000000.000
26-6-S	18.85	8.04	0	0	0	1000000.000
26-7-S	18.85	8.04	0	0	0	1000000.000
26-8-S	18.85	8.04	0	0	0	1000000.000
26-9-S	18.85	8.04	0	0	0	1000000.000
26-10-S	18.85	8.04	0	0	0	1000000.000
26-11-S	18.85	8.04	0	0	0	1000000.000
26-12-S	18.85	8.04	0	0	0	1000000.000
26-13-S	18.85	8.04	0	0	0	1000000.000
26-14-S	18.85	8.04	0	0	0	1000000.000
26-15-S	18.85	8.04	0	0	0	1000000.000

Pali in c.a.

Combinazione n° 1 - STR (A1-M1-R3)

Ip	Is	A_f	M	N	Mu	Nu	FS
		[cmq]	*[kgm]*	*[kg]*	*[kgm]*	*[kg]*	
1	66	31.86	22706	-20237	30536	-27216	1.345
2	1	116.80	72268	95021	141968	186666	1.964

Combinazione n° 2 - STR (A1-M1-R3) H + V

Ip	Is	A_f	M	N	Mu	Nu	FS
		[cmq]	*[kgm]*	*[kg]*	*[kgm]*	*[kg]*	
1	66	31.86	29316	-31268	29352	-31306	1.001
2	1	116.80	92435	119936	141673	183824	1.533

Combinazione n° 3 - STR (A1-M1-R3) H - V

Ip	Is	A_f	M	N	Mu	Nu	FS
		[cmq]	*[kgm]*	*[kg]*	*[kgm]*	*[kg]*	
1	66	31.86	23048	-24270	29440	-31001	1.277
2	1	116.80	72727	92853	141322	180432	1.943

Combinazione n° 4 - STR (A1-M1-R3)

Ip	Is	A_f	M	N	Mu	Nu	FS
		[cmq]	*[kgm]*	*[kg]*	*[kgm]*	*[kg]*	
1	66	31.86	22564	-15119	32175	-21558	1.426
2	1	116.80	72852	98484	142599	192771	1.957

Combinazione n° 5 - STR (A1-M1-R3)

Ip	Is	A_f	M	N	Mu	Nu	FS
		[cmq]	*[kgm]*	*[kg]*	*[kgm]*	*[kg]*	
1	66	31.86	22685	-19813	30662	-26780	1.352
2	1	116.80	72352	94964	141928	186284	1.962

Combinazione n° 6 - STR (A1-M1-R3)

Ip	Is	A_f	M	N	Mu	Nu	FS
		[cmq]	*[kgm]*	*[kg]*	*[kgm]*	*[kg]*	
1	66	31.86	22585	-15542	32034	-22045	1.418
2	1	116.80	72768	98542	142640	193161	1.960

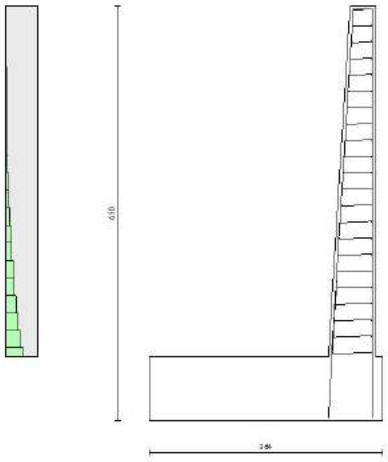

Fig. 32 - Paramento (Inviluppo)

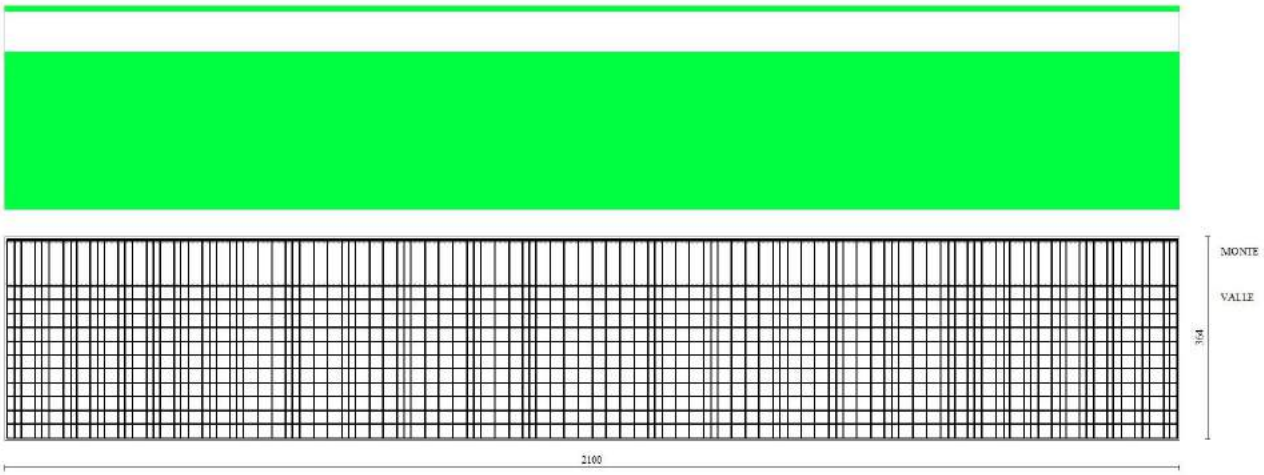

Fig. 33 - Piastra fondazione dir. X (Inviluppo)

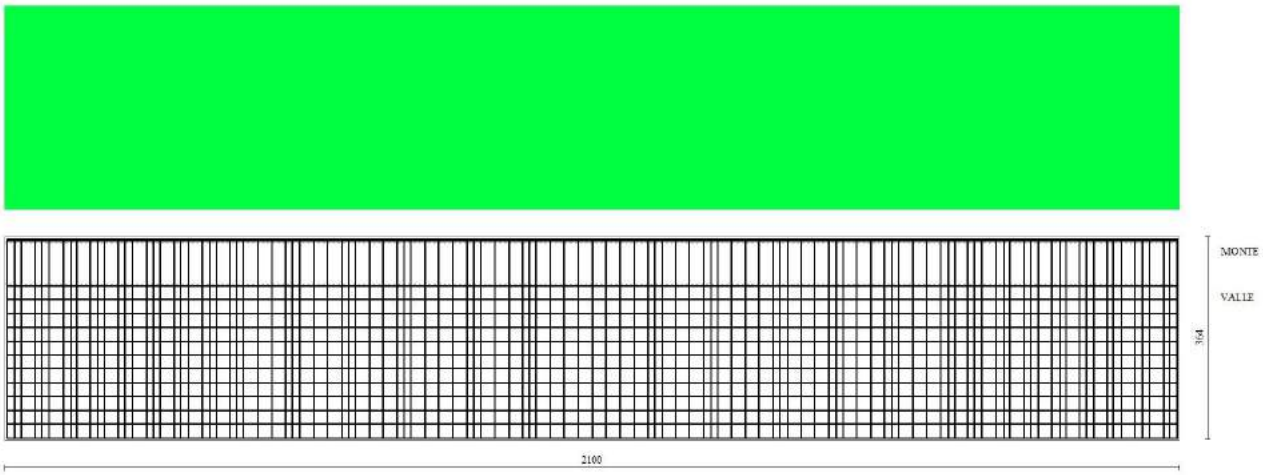

Fig. 34 - Piastra fondazione dir. Y (Inviluppo)

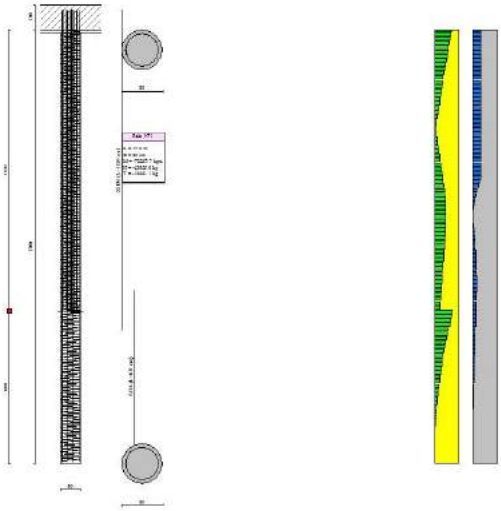

Fig. 35 - Pali (Palo n° 1) (Inviluppo)

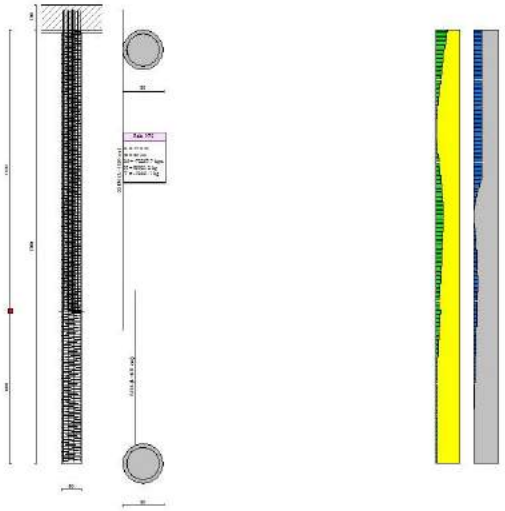

Fig. 36 - Pali (Palo n° 2) (Inviluppo)

Verifiche a taglio

Simbologia adottata

Is indice sezione

Y ordinata sezione espressa in [m]

B larghezza sezione espresso in [cm]

H altezza sezione espressa in [cm]

A_{sw} area ferri a taglio espresso in [cmq]

cotgθ inclinazione delle bielle compresse, θ inclinazione dei puntoni di calcestruzzo

V_{Rcd} resistenza di progetto a 'taglio compressione' espressa in [kg]

V_{Rsd} resistenza di progetto a 'taglio trazione' espressa in [kg]

V_{Rd} resistenza di progetto a taglio espresso in [kg]. Per elementi con armature trasversali resistenti al taglio (A_{sw}>0.0) $V_{Rd}=\min(V_{Rcd}, V_{Rsd})$.

T taglio agente espressa in [kg]

FS fattore di sicurezza (rapporto tra sollecitazione resistente e sollecitazione agente)

Paramento

Combinazione n° 1 - STR (A1-M1-R3)

n°	Y	B	H	A_{sw}	s	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[m]	[cm]	[cm]	[cmq]	[cm]		[kg]	[kg]	[kg]	[kg]	
1	0.00	100	40	0.00	0.00	--	0	0	22080	0	100.000
2	-0.27	100	42	0.00	0.00	--	0	0	22581	0	100.000
3	-0.55	100	43	0.00	0.00	--	0	0	23075	0	100.000
4	-0.82	100	45	0.00	0.00	--	0	0	23564	5	4309.577
5	-1.10	100	47	0.00	0.00	--	0	0	24047	63	382.862
6	-1.37	100	48	0.00	0.00	--	0	0	24525	195	126.017
7	-1.65	100	50	0.00	0.00	--	0	0	24998	401	62.359
8	-1.92	100	52	0.00	0.00	--	0	0	25467	682	37.363
9	-2.20	100	53	0.00	0.00	--	0	0	25932	1037	25.009
10	-2.47	100	55	0.00	0.00	--	0	0	26392	1467	17.994
11	-2.75	100	57	0.00	0.00	--	0	0	26850	1971	13.620
12	-3.02	100	59	0.00	0.00	--	0	0	27304	2551	10.705
13	-3.30	100	60	0.00	0.00	--	0	0	27755	3204	8.661
14	-3.57	100	62	0.00	0.00	--	0	0	28203	3933	7.170
15	-3.85	100	64	0.00	0.00	--	0	0	28648	4737	6.048
16	-4.13	100	65	0.00	0.00	--	0	0	29091	5615	5.181

n°	Y	B	H	A_{sw}	s	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[m]	[cm]	[cm]	[cmq]	[cm]		[kg]	[kg]	[kg]	[kg]	
17	-4.40	100	67	0.00	0.00	--	0	0	29532	6568	4.496
18	-4.67	100	69	0.00	0.00	--	0	0	29970	7597	3.945
19	-4.95	100	70	0.00	0.00	--	0	0	30406	8700	3.495
20	-5.22	100	72	0.00	0.00	--	0	0	30841	9878	3.122
21	-5.50	100	74	0.00	0.00	--	0	0	31273	11131	2.810

Combinazione n° 2 - STR (A1-M1-R3) H + V

n°	Y	B	H	A_{sw}	s	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[m]	[cm]	[cm]	[cmq]	[cm]		[kg]	[kg]	[kg]	[kg]	
1	0.00	100	40	0.00	0.00	--	0	0	22080	0	100.000
2	-0.27	100	42	0.00	0.00	--	0	0	22581	99	227.014
3	-0.55	100	43	0.00	0.00	--	0	0	23075	237	97.477
4	-0.82	100	45	0.00	0.00	--	0	0	23564	412	57.226
5	-1.10	100	47	0.00	0.00	--	0	0	24047	625	38.500
6	-1.37	100	48	0.00	0.00	--	0	0	24525	875	28.021
7	-1.65	100	50	0.00	0.00	--	0	0	24998	1164	21.483
8	-1.92	100	52	0.00	0.00	--	0	0	25467	1490	17.094
9	-2.20	100	53	0.00	0.00	--	0	0	25932	1854	13.988
10	-2.47	100	55	0.00	0.00	--	0	0	26392	2256	11.701
11	-2.75	100	57	0.00	0.00	--	0	0	26850	2697	9.954
12	-3.02	100	59	0.00	0.00	--	0	0	27304	3210	8.507
13	-3.30	100	60	0.00	0.00	--	0	0	27755	3817	7.272
14	-3.57	100	62	0.00	0.00	--	0	0	28203	4519	6.241
15	-3.85	100	64	0.00	0.00	--	0	0	28648	5316	5.389
16	-4.13	100	65	0.00	0.00	--	0	0	29091	6208	4.686
17	-4.40	100	67	0.00	0.00	--	0	0	29532	7195	4.104
18	-4.67	100	69	0.00	0.00	--	0	0	29970	8277	3.621
19	-4.95	100	70	0.00	0.00	--	0	0	30406	9455	3.216
20	-5.22	100	72	0.00	0.00	--	0	0	30841	10728	2.875
21	-5.50	100	74	0.00	0.00	--	0	0	31273	12096	2.586

Combinazione n° 3 - STR (A1-M1-R3) H - V

n°	Y	B	H	A_{sw}	s	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[m]	[cm]	[cm]	[cmq]	[cm]		[kg]	[kg]	[kg]	[kg]	
1	0.00	100	40	0.00	0.00	--	0	0	22080	0	100.000
2	-0.27	100	42	0.00	0.00	--	0	0	22581	92	246.616
3	-0.55	100	43	0.00	0.00	--	0	0	23075	205	112.507
4	-0.82	100	45	0.00	0.00	--	0	0	23564	341	69.180
5	-1.10	100	47	0.00	0.00	--	0	0	24047	498	48.277
6	-1.37	100	48	0.00	0.00	--	0	0	24525	678	36.195
7	-1.65	100	50	0.00	0.00	--	0	0	24998	879	28.439
8	-1.92	100	52	0.00	0.00	--	0	0	25467	1102	23.100
9	-2.20	100	53	0.00	0.00	--	0	0	25932	1348	19.239
10	-2.47	100	55	0.00	0.00	--	0	0	26392	1615	16.340
11	-2.75	100	57	0.00	0.00	--	0	0	26850	1907	14.081
12	-3.02	100	59	0.00	0.00	--	0	0	27304	2253	12.118
13	-3.30	100	60	0.00	0.00	--	0	0	27755	2678	10.363
14	-3.57	100	62	0.00	0.00	--	0	0	28203	3183	8.861
15	-3.85	100	64	0.00	0.00	--	0	0	28648	3766	7.607
16	-4.13	100	65	0.00	0.00	--	0	0	29091	4429	6.568
17	-4.40	100	67	0.00	0.00	--	0	0	29532	5171	5.711
18	-4.67	100	69	0.00	0.00	--	0	0	29970	5993	5.001
19	-4.95	100	70	0.00	0.00	--	0	0	30406	6893	4.411
20	-5.22	100	72	0.00	0.00	--	0	0	30841	7874	3.917
21	-5.50	100	74	0.00	0.00	--	0	0	31273	8933	3.501

Combinazione n° 4 - STR (A1-M1-R3)

n°	Y	B	H	A_{sw}	s	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[m]	[cm]	[cm]	[cmq]	[cm]		[kg]	[kg]	[kg]	[kg]	
1	0.00	100	40	0.00	0.00	--	0	0	22080	0	100.000
2	-0.27	100	42	0.00	0.00	--	0	0	22592	0	100.000
3	-0.55	100	43	0.00	0.00	--	0	0	23099	0	100.000

n°	Y	B	H	A_{sw}	s	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[m]	[cm]	[cm]	[cmq]	[cm]		[kg]	[kg]	[kg]	[kg]	
4	-0.82	100	45	0.00	0.00	--	0	0	23600	5	4316.154
5	-1.10	100	47	0.00	0.00	--	0	0	24096	63	383.644
6	-1.37	100	48	0.00	0.00	--	0	0	24588	195	126.339
7	-1.65	100	50	0.00	0.00	--	0	0	25075	401	62.551
8	-1.92	100	52	0.00	0.00	--	0	0	25559	682	37.497
9	-2.20	100	53	0.00	0.00	--	0	0	26039	1037	25.112
10	-2.47	100	55	0.00	0.00	--	0	0	26515	1467	18.077
11	-2.75	100	57	0.00	0.00	--	0	0	26989	1971	13.691
12	-3.02	100	59	0.00	0.00	--	0	0	27460	2551	10.766
13	-3.30	100	60	0.00	0.00	--	0	0	27928	3204	8.715
14	-3.57	100	62	0.00	0.00	--	0	0	28394	3933	7.219
15	-3.85	100	64	0.00	0.00	--	0	0	28858	4737	6.092
16	-4.13	100	65	0.00	0.00	--	0	0	29320	5615	5.222
17	-4.40	100	67	0.00	0.00	--	0	0	29780	6568	4.534
18	-4.67	100	69	0.00	0.00	--	0	0	30239	7597	3.981
19	-4.95	100	70	0.00	0.00	--	0	0	30696	8700	3.528
20	-5.22	100	72	0.00	0.00	--	0	0	31152	9878	3.154
21	-5.50	100	74	0.00	0.00	--	0	0	31606	11131	2.839

Combinazione n° 5 - STR (A1-M1-R3)

n°	Y	B	H	A_{sw}	s	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[m]	[cm]	[cm]	[cmq]	[cm]		[kg]	[kg]	[kg]	[kg]	
1	0.00	100	40	0.00	0.00	--	0	0	22080	0	100.000
2	-0.27	100	42	0.00	0.00	--	0	0	22581	0	100.000
3	-0.55	100	43	0.00	0.00	--	0	0	23075	0	100.000
4	-0.82	100	45	0.00	0.00	--	0	0	23564	5	4309.577
5	-1.10	100	47	0.00	0.00	--	0	0	24047	63	382.862
6	-1.37	100	48	0.00	0.00	--	0	0	24525	195	126.017
7	-1.65	100	50	0.00	0.00	--	0	0	24998	401	62.359
8	-1.92	100	52	0.00	0.00	--	0	0	25467	682	37.363
9	-2.20	100	53	0.00	0.00	--	0	0	25932	1037	25.009
10	-2.47	100	55	0.00	0.00	--	0	0	26392	1467	17.994
11	-2.75	100	57	0.00	0.00	--	0	0	26850	1971	13.620
12	-3.02	100	59	0.00	0.00	--	0	0	27304	2551	10.705
13	-3.30	100	60	0.00	0.00	--	0	0	27755	3204	8.661
14	-3.57	100	62	0.00	0.00	--	0	0	28203	3933	7.170
15	-3.85	100	64	0.00	0.00	--	0	0	28648	4737	6.048
16	-4.13	100	65	0.00	0.00	--	0	0	29091	5615	5.181
17	-4.40	100	67	0.00	0.00	--	0	0	29532	6568	4.496
18	-4.67	100	69	0.00	0.00	--	0	0	29970	7597	3.945
19	-4.95	100	70	0.00	0.00	--	0	0	30406	8700	3.495
20	-5.22	100	72	0.00	0.00	--	0	0	30841	9878	3.122
21	-5.50	100	74	0.00	0.00	--	0	0	31273	11131	2.810

Combinazione n° 6 - STR (A1-M1-R3)

n°	Y	B	H	A_{sw}	s	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[m]	[cm]	[cm]	[cmq]	[cm]		[kg]	[kg]	[kg]	[kg]	
1	0.00	100	40	0.00	0.00	--	0	0	22080	0	100.000
2	-0.27	100	42	0.00	0.00	--	0	0	22592	0	100.000
3	-0.55	100	43	0.00	0.00	--	0	0	23099	0	100.000
4	-0.82	100	45	0.00	0.00	--	0	0	23600	5	4316.154
5	-1.10	100	47	0.00	0.00	--	0	0	24096	63	383.644
6	-1.37	100	48	0.00	0.00	--	0	0	24588	195	126.339
7	-1.65	100	50	0.00	0.00	--	0	0	25075	401	62.551
8	-1.92	100	52	0.00	0.00	--	0	0	25559	682	37.497
9	-2.20	100	53	0.00	0.00	--	0	0	26039	1037	25.112
10	-2.47	100	55	0.00	0.00	--	0	0	26515	1467	18.077
11	-2.75	100	57	0.00	0.00	--	0	0	26989	1971	13.691
12	-3.02	100	59	0.00	0.00	--	0	0	27460	2551	10.766
13	-3.30	100	60	0.00	0.00	--	0	0	27928	3204	8.715
14	-3.57	100	62	0.00	0.00	--	0	0	28394	3933	7.219
15	-3.85	100	64	0.00	0.00	--	0	0	28858	4737	6.092
16	-4.13	100	65	0.00	0.00	--	0	0	29320	5615	5.222
17	-4.40	100	67	0.00	0.00	--	0	0	29780	6568	4.534

n°	Y	B	H	A_{sw}	s	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[m]	[cm]	[cm]	[cmq]	[cm]		[kg]	[kg]	[kg]	[kg]	
18	-4.67	100	69	0.00	0.00	--	0	0	30239	7597	3.981
19	-4.95	100	70	0.00	0.00	--	0	0	30696	8700	3.528
20	-5.22	100	72	0.00	0.00	--	0	0	31152	9878	3.154
21	-5.50	100	74	0.00	0.00	--	0	0	31606	11131	2.839

Fondazione

Combinazione n° 1 - STR (A1-M1-R3)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
2-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
3-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
5-1-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-2-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-3-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-4-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-5-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-6-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-7-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
5-8-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-9-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-10-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-11-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-12-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-13-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-14-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-15-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-16-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-17-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-18-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-19-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-20-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-21-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-22-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-23-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-24-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-25-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-26-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-27-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-28-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-29-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-30-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-31-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-32-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-33-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-34-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-35-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-36-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-37-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-38-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-39-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-40-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-41-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-42-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-43-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-44-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-45-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-46-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-47-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-48-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-49-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-50-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-51-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-52-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-53-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-54-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-55-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-56-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-57-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-58-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-59-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-60-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-61-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-62-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-63-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-64-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-65-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-66-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-67-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-68-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-69-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-70-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-71-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-72-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-73-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-74-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-75-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-76-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
5-77-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-78-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-79-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-80-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-81-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-82-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-83-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-84-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-85-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
6-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
10-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
14-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
19-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
23-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Combinazione n° 2 - STR (A1-M1-R3) H + V

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
2-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
3-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
5-1-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-2-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-3-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-4-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-5-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-6-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-7-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-8-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-9-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-10-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-11-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-12-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-13-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-14-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-15-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-16-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-17-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-18-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-19-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-20-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-21-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-22-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-23-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-24-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-25-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-26-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-27-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-28-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-29-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-30-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-31-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-32-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-33-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-34-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-35-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-36-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
5-37-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-38-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-39-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-40-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-41-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-42-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-43-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-44-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-45-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-46-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-47-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-48-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-49-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-50-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-51-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-52-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-53-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-54-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-55-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-56-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-57-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-58-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-59-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-60-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-61-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-62-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-63-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-64-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-65-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-66-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-67-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-68-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-69-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-70-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-71-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-72-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-73-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-74-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-75-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-76-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-77-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-78-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-79-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-80-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-81-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-82-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-83-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-84-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-85-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
6-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
7-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
11-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
16-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
21-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
25-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Combinazione n° 3 - STR (A1-M1-R3) H - V

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
2-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
3-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
3-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
5-1-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-2-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-3-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-4-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-5-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-6-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-7-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-8-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-9-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-10-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-11-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-12-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-13-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-14-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-15-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-16-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-17-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-18-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-19-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-20-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-21-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-22-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-23-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-24-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-25-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-26-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-27-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-28-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-29-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-30-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-31-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-32-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-33-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-34-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-35-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-36-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-37-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-38-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-39-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-40-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-41-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-42-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-43-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-44-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-45-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-46-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-47-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-48-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-49-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-50-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-51-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-52-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-53-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-54-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-55-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-56-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-57-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-58-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-59-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-60-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-61-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-62-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-63-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-64-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-65-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
5-66-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-67-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-68-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-69-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-70-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-71-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-72-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-73-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-74-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-75-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-76-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-77-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-78-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-79-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-80-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-81-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-82-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-83-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-84-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-85-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
6-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
9-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
13-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
18-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
23-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Combinazione n° 4 - STR (A1-M1-R3)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
2-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
3-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
5-1-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-2-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-3-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-4-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-5-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-6-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-7-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-8-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-9-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-10-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-11-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-12-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-13-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-14-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-15-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-16-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-17-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-18-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-19-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-20-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-21-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-22-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-23-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-24-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-25-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
5-26-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-27-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-28-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-29-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-30-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-31-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-32-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-33-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-34-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-35-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-36-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-37-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-38-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-39-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-40-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-41-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-42-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-43-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-44-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-45-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-46-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-47-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-48-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-49-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-50-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-51-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-52-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-53-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-54-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-55-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-56-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-57-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-58-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-59-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-60-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-61-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-62-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-63-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-64-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-65-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-66-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-67-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-68-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-69-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-70-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-71-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-72-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-73-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-74-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-75-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-76-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-77-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-78-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-79-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-80-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-81-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-82-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-83-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-84-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-85-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
6-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
6-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
11-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
15-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
20-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
25-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Combinazione n° 5 - STR (A1-M1-R3)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
2-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
3-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
3-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
5-1-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-2-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-3-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-4-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-5-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-6-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-7-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-8-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-9-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-10-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-11-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-12-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-13-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-14-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-15-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-16-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-17-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-18-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-19-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-20-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-21-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-22-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-23-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-24-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-25-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-26-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-27-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-28-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-29-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-30-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-31-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-32-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-33-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-34-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-35-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-36-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-37-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-38-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-39-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-40-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-41-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-42-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-43-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-44-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-45-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-46-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-47-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-48-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-49-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-50-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-51-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-52-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-53-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-54-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
5-55-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-56-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-57-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-58-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-59-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-60-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-61-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-62-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-63-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-64-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-65-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-66-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-67-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-68-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-69-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-70-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-71-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-72-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-73-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-74-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-75-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-76-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-77-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-78-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-79-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-80-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-81-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-82-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-83-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-84-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-85-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
6-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
8-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
13-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
17-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
22-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
26-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Combinazione n° 6 - STR (A1-M1-R3)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
1-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
2-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
2-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-1-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-2-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-3-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-4-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-5-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-6-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-7-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-8-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-9-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-10-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-11-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-12-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-13-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-14-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-15-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-16-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-17-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-18-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-19-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-20-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-21-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-22-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-23-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-24-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-25-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-26-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-27-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-28-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-29-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-30-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
3-31-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-32-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-33-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-34-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-35-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-36-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-37-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-38-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-39-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-40-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-41-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-42-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-43-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-44-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-45-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-46-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-47-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-48-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-49-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-50-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-51-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-52-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-53-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-54-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-55-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-56-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-57-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-58-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-59-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-60-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-61-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-62-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-63-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-64-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-65-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-66-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-67-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-68-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-69-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-70-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-71-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-72-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-73-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-74-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-75-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-76-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-77-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-78-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-79-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-80-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-81-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-82-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-83-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-84-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
3-85-P	93.33	100.00	0.00	0.000	0	0	0	0	100.000
5-1-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-2-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-3-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-4-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-5-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-6-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-7-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-8-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-9-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-10-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-11-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-12-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-13-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-14-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
5-15-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-16-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-17-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-18-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-19-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-20-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-21-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-22-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-23-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-24-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-25-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-26-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-27-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-28-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-29-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-30-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-31-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-32-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-33-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-34-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-35-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-36-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-37-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-38-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-39-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-40-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-41-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-42-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-43-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-44-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-45-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-46-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-47-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-48-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-49-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-50-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-51-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-52-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-53-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-54-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-55-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-56-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-57-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-58-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-59-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-60-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-61-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-62-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-63-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-64-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-65-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-66-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-67-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-68-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-69-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-70-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-71-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-72-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-73-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-74-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-75-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-76-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-77-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-78-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-79-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-80-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-81-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-82-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-83-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
5-84-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
5-85-P	10.00	100.00	0.00	0.000	0	0	0	0	100.000
6-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
6-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
7-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
8-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
9-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
10-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
10-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
11-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
12-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
13-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
14-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
15-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
15-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
16-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
17-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
18-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
19-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
19-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
20-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
21-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
22-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
23-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
24-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
24-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
25-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-1-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-2-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-3-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-4-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-5-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-6-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-7-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-8-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-9-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-10-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-11-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-12-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-13-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-14-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000
26-15-S	100.00	100.00	0.00	0.000	0	0	0	0	100.000

Pali in c.a.

La verifica a taglio sui pali circolari in c.a. viene eseguita considerando una sezione quadrata inscritta nella circonferenza. Se D è il diametro del palo, il lato della sezione quadrata sulla quale si esegue la verifica è L = $2^{0.5}$/2 D.

Combinazione n° 1 - STR (A1-M1-R3)

Ip	Is	L	A_{sw}	s	cotgθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
			[cm]	[cmq]	[cm]	[kg]	[kg]	[kg]	[kg]	
1	21	56.57	0.00	0	2.500	82684	54053	54053	18661	2.897
2	21	56.57	0.00	0	2.500	95704	54053	54053	18661	2.897

Combinazione n° 2 - STR (A1-M1-R3) H + V

Ip	Is	L	A_{sw}	s	cotgθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
			[cm]	[cmq]	[cm]	[kg]	[kg]	[kg]	[kg]	
1	9	56.57	0.00	0	2.500	82684	54053	54053	23996	2.253
2	9	56.57	0.00	0	2.500	98890	54053	54053	23996	2.253

Combinazione n° 3 - STR (A1-M1-R3) H - V

Ip	Is	L	A_{sw}	s	cotgθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS

			[cm]	[cmq]	[cm]	[kg]	[kg]	[kg]	[kg]	
1	4	56.57	0.00	0	2.500	82684	54053	54053	18871	2.864
2	4	56.57	0.00	0	2.500	95218	54053	54053	18871	2.864

Combinazione n° 4 - STR (A1-M1-R3)

Ip	Is	L	A_{sw}	s	cotgθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
			[cm]	[cmq]	[cm]	[kg]	[kg]	[kg]	[kg]	
1	4	56.57	0.00	0	2.500	82684	54053	54053	18661	2.897
2	4	56.57	0.00	0	2.500	95973	54053	54053	18661	2.897

Combinazione n° 5 - STR (A1-M1-R3)

Ip	Is	L	A_{sw}	s	cotgθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
			[cm]	[cmq]	[cm]	[kg]	[kg]	[kg]	[kg]	
1	9	56.57	0.00	0	2.500	82684	54053	54053	18661	2.897
2	9	56.57	0.00	0	2.500	95559	54053	54053	18661	2.897

Combinazione n° 6 - STR (A1-M1-R3)

Ip	Is	L	A_{sw}	s	cotgθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
			[cm]	[cmq]	[cm]	[kg]	[kg]	[kg]	[kg]	
1	15	56.57	0.00	0	2.500	82684	54053	54053	18661	2.897
2	15	56.57	0.00	0	2.500	96102	54053	54053	18661	2.897

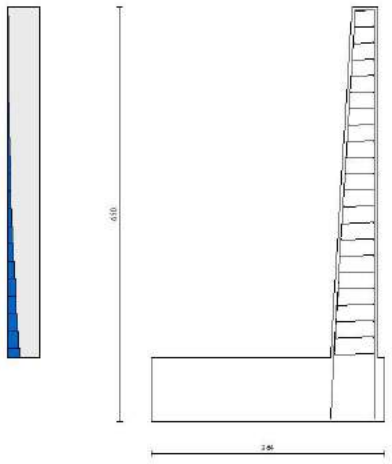

Fig. 37 - Paramento (Inviluppo)

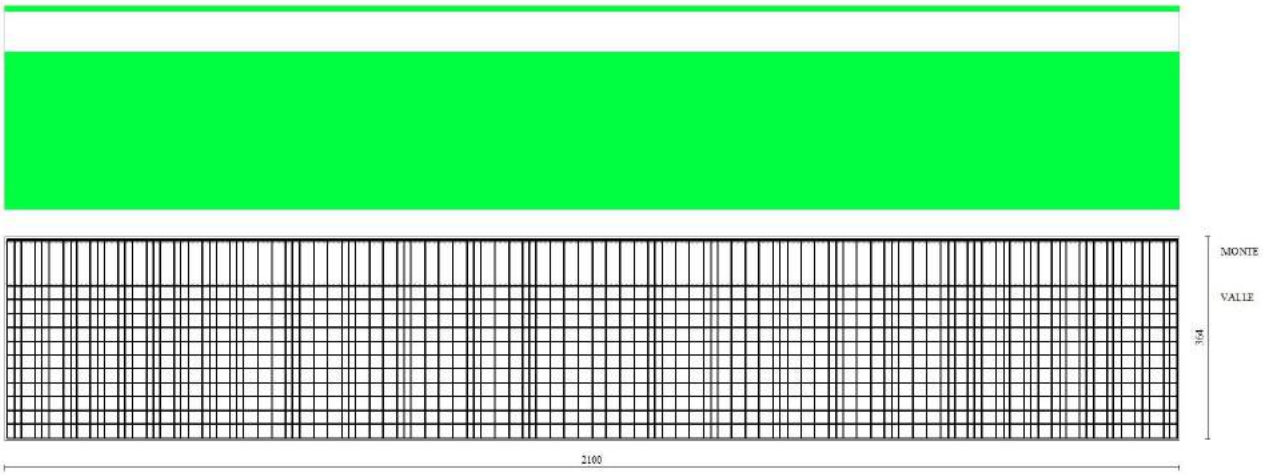

Fig. 38 - Piastra fondazione dir. X (Inviluppo)

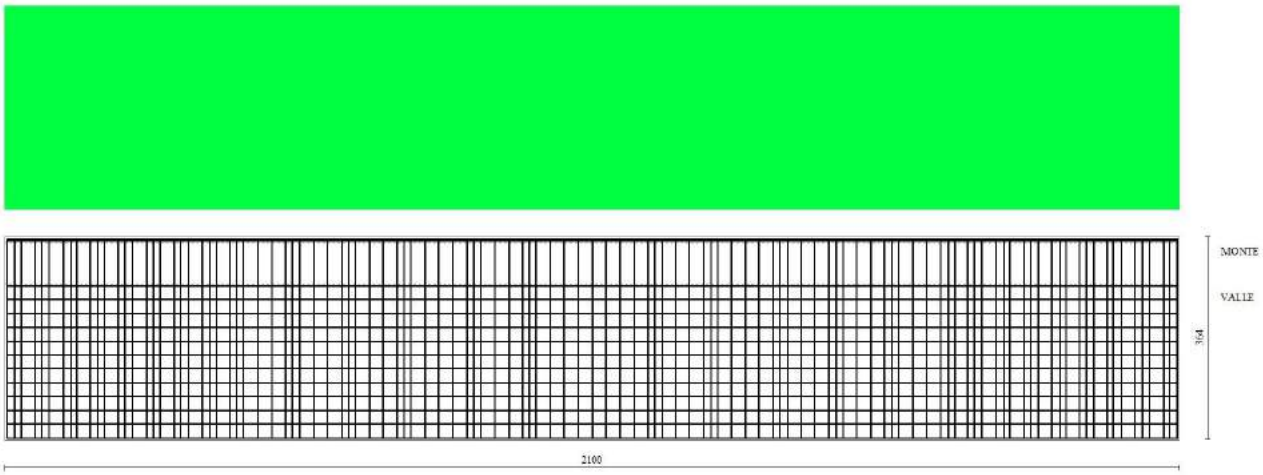

Fig. 39 - Piastra fondazione dir. Y (Inviluppo)

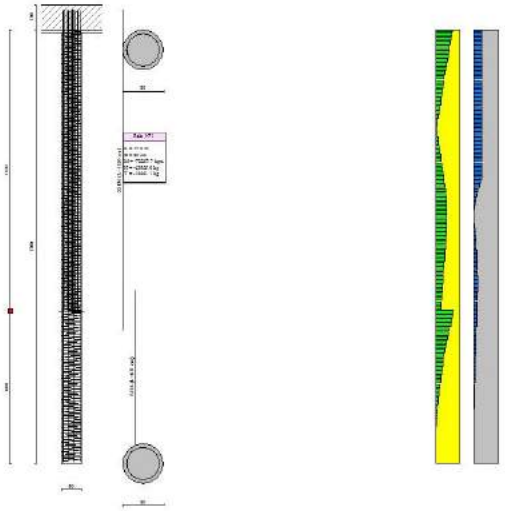

Fig. 40 - Pali (Palo n° 1) (Inviluppo)

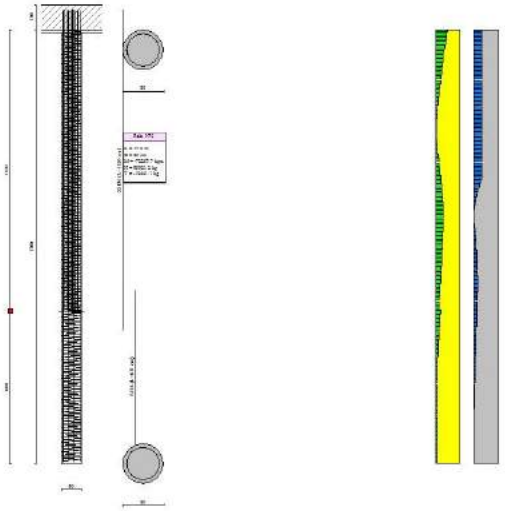

Fig. 41 - Pali (Palo n° 2) (Inviluppo)

Verifica a punzonamento

Simbologia adottata

OP	Oggetto che viene punzonato
P	Oggetto che punzona
c_1, c_2	Dimensioni pilastro nelle due direzioni, espressa in [mm]
d	Altezza utile della fondazione, espressa in [mm]
u_0	Lunghezza perimetro di verifica a faccia pilastro, espresso in [mm]
u_1	Lunghezza perimetro di verifica per effetto della diffusione, espresso in [mm]
ρ_y, ρ_z	Percentuali di armatura piastra in zona tesa
dpc, duc	distanza della prima e dell'ultima cucitura dalla faccia del pilastro

$V_{Ed,i}$	Tensione di taglio sul perimetro del pilastro, espressa in [kg/cmq]
$V_{Rd,max}$	Valore di progetto del massimo taglio-punzonamento resistente, espressa in [kg/cmq]
$V_{Ed,f}$	Tensione di taglio sul perimetro di verifica u1, espresso in [kg/cmq]
$V_{Rd,cf}$	Valore di progetto del taglio-punzonamento resistente senza armature sul perimetro di verifica u1, espresso in [kg/cmq]
$V_{Rd,cs}$	Valore di progetto del taglio-punzonamento resistente con armature, espresso in [kg/cmq]
nsc	Numero di serie di cuciture
nc	Numero di cuciture
FS	Fattore di sicurezza (minore tra i rapporti $V_{Rd,max}/V_{Ed,i}$, $V_{Rd,cf}/V_{Ed,f}$ e $V_{Rd,cs}/V_{Ed,f}$)

Verifica delle tensioni

Simbologia adottata

n°	indice sezione
Y	ordinata sezione, espressa in [m]
B	larghezza sezione, espresso in [cm]
H	altezza sezione, espressa in [cm]
Afi	area ferri inferiori, espresso in [cmq]
Afs	area ferri superiori, espressa in [cmq]
M	momento agente, espressa in [kgm]
N	sforzo normale agente, espressa in [kg]
σc	tensione di compressione nel cls, espressa in [kg/cmq]
σfi	tensione nei ferri inferiori, espressa in [kg/cmq]
σfs	tensione nei ferri superiori, espressa in [kg/cmq]

Combinazioni SLER

Paramento

Combinazione n° 13 - SLER

Tensione massima di compressione nel calcestruzzo	203.12	[kg/cmq]
Tensione massima di trazione dell'acciaio	3670.40	[kg/cmq]

n°	Y	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[m]	*[cm]*	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kg]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	0.00	100	40	12.57	12.57	0	0	0.00	0.00	0.00
2	-0.27	100	42	12.57	12.57	-1	281	0.07	0.97	0.88
3	-0.55	100	43	12.57	12.57	-5	573	0.13	1.98	1.67
4	-0.82	100	45	12.57	12.57	-11	877	0.21	3.03	2.36
5	-1.10	100	47	12.57	12.57	-20	1193	0.28	4.11	2.97
6	-1.37	100	48	12.57	12.57	-31	1520	0.36	5.22	3.52
7	-1.65	100	50	12.57	12.57	-45	1858	0.44	6.35	4.00
8	-1.92	100	52	12.57	12.57	-57	2208	0.51	7.37	4.55
9	-2.20	100	53	12.57	12.57	-54	2570	0.55	8.00	5.48
10	-2.47	100	55	12.57	12.57	-20	2943	0.53	7.93	7.06
11	-2.75	100	57	12.57	12.57	61	3328	0.65	6.96	9.52
12	-3.02	100	59	12.57	12.57	205	3725	0.91	4.91	13.03
13	-3.30	100	60	12.57	12.57	426	4133	1.26	1.65	17.74
14	-3.57	100	62	12.57	12.57	741	4552	1.79	5.34	24.58
15	-3.85	100	64	12.57	12.57	1166	4983	2.67	25.38	35.60
16	-4.13	100	65	12.57	12.57	1716	5426	3.91	66.33	50.53
17	-4.40	100	67	12.57	12.57	2406	5880	5.43	128.21	68.12
18	-4.67	100	69	12.57	12.57	3253	6346	7.17	208.97	87.94
19	-4.95	100	70	12.57	12.57	4272	6823	9.12	307.72	110.03
20	-5.22	100	72	12.57	12.57	5479	7312	11.30	424.36	134.51
21	-5.50	100	74	12.57	12.57	6890	7813	13.69	559.14	161.49

Piastra fondazione

Combinazione n° 13 - SLER

Tensione massima di compressione nel calcestruzzo	203.12	[kg/cmq]
Tensione massima di trazione dell'acciaio	3670.40	[kg/cmq]

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-1-P	93	100	8.04	8.04	0	1374	0.00	0.00	0.00
1-2-P	93	100	8.04	8.04	0	760	0.00	0.00	0.00
1-3-P	93	100	8.04	8.04	0	15	0.00	0.00	0.00
1-4-P	93	100	8.04	8.04	0	4	0.00	0.00	0.00
1-5-P	93	100	8.04	8.04	0	15	0.00	0.00	0.00
1-6-P	93	100	8.04	8.04	0	2954	0.00	0.00	0.00
1-7-P	93	100	8.04	8.04	0	3010	0.00	0.00	0.00
1-8-P	93	100	8.04	8.04	0	4402	0.00	0.00	0.00
1-9-P	93	100	8.04	8.04	0	4384	0.00	0.00	0.00
1-10-P	93	100	8.04	8.04	0	3598	0.00	0.00	0.00
1-11-P	93	100	8.04	8.04	0	2348	0.00	0.00	0.00
1-12-P	93	100	8.04	8.04	0	78	0.00	0.00	0.00
1-13-P	93	100	8.04	8.04	0	132	0.00	0.00	0.00
1-14-P	93	100	8.04	8.04	0	36	0.00	0.00	0.00
1-15-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
1-16-P	93	100	8.04	8.04	0	3172	0.00	0.00	0.00
1-17-P	93	100	8.04	8.04	0	3737	0.00	0.00	0.00
1-18-P	93	100	8.04	8.04	0	5268	0.00	0.00	0.00
1-19-P	93	100	8.04	8.04	0	3814	0.00	0.00	0.00
1-20-P	93	100	8.04	8.04	0	3263	0.00	0.00	0.00
1-21-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
1-22-P	93	100	8.04	8.04	0	33	0.00	0.00	0.00
1-23-P	93	100	8.04	8.04	0	94	0.00	0.00	0.00
1-24-P	93	100	8.04	8.04	0	40	0.00	0.00	0.00
1-25-P	93	100	8.04	8.04	0	1862	0.00	0.00	0.00
1-26-P	93	100	8.04	8.04	0	3040	0.00	0.00	0.00
1-27-P	93	100	8.04	8.04	0	3925	0.00	0.00	0.00
1-28-P	93	100	8.04	8.04	0	4212	0.00	0.00	0.00
1-29-P	93	100	8.04	8.04	0	3164	0.00	0.00	0.00
1-30-P	93	100	8.04	8.04	0	3133	0.00	0.00	0.00
1-31-P	93	100	8.04	8.04	0	34	0.00	0.00	0.00
1-32-P	93	100	8.04	8.04	0	59	0.00	0.00	0.00
1-33-P	93	100	8.04	8.04	0	36	0.00	0.00	0.00
1-34-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
1-35-P	93	100	8.04	8.04	0	3021	0.00	0.00	0.00
1-36-P	93	100	8.04	8.04	0	3215	0.00	0.00	0.00
1-37-P	93	100	8.04	8.04	0	4439	0.00	0.00	0.00
1-38-P	93	100	8.04	8.04	0	3579	0.00	0.00	0.00
1-39-P	93	100	8.04	8.04	0	2922	0.00	0.00	0.00
1-40-P	93	100	8.04	8.04	0	584	0.00	0.00	0.00
1-41-P	93	100	8.04	8.04	0	37	0.00	0.00	0.00
1-42-P	93	100	8.04	8.04	0	115	0.00	0.00	0.00
1-43-P	93	100	8.04	8.04	0	37	0.00	0.00	0.00
1-44-P	93	100	8.04	8.04	0	584	0.00	0.00	0.00
1-45-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
1-46-P	93	100	8.04	8.04	0	3579	0.00	0.00	0.00
1-47-P	93	100	8.04	8.04	0	4439	0.00	0.00	0.00
1-48-P	93	100	8.04	8.04	0	3215	0.00	0.00	0.00
1-49-P	93	100	8.04	8.04	0	3021	0.00	0.00	0.00
1-50-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
1-51-P	93	100	8.04	8.04	0	36	0.00	0.00	0.00
1-52-P	93	100	8.04	8.04	0	59	0.00	0.00	0.00
1-53-P	93	100	8.04	8.04	0	34	0.00	0.00	0.00
1-54-P	93	100	8.04	8.04	0	3134	0.00	0.00	0.00
1-55-P	93	100	8.04	8.04	0	3166	0.00	0.00	0.00
1-56-P	93	100	8.04	8.04	0	4215	0.00	0.00	0.00
1-57-P	93	100	8.04	8.04	0	3928	0.00	0.00	0.00
1-58-P	93	100	8.04	8.04	0	3042	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-59-P	93	100	8.04	8.04	0	1864	0.00	0.00	0.00
1-60-P	93	100	8.04	8.04	0	40	0.00	0.00	0.00
1-61-P	93	100	8.04	8.04	0	95	0.00	0.00	0.00
1-62-P	93	100	8.04	8.04	0	34	0.00	0.00	0.00
1-63-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
1-64-P	93	100	8.04	8.04	0	3271	0.00	0.00	0.00
1-65-P	93	100	8.04	8.04	0	3828	0.00	0.00	0.00
1-66-P	93	100	8.04	8.04	0	5284	0.00	0.00	0.00
1-67-P	93	100	8.04	8.04	0	3751	0.00	0.00	0.00
1-68-P	93	100	8.04	8.04	0	3182	0.00	0.00	0.00
1-69-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
1-70-P	93	100	8.04	8.04	0	37	0.00	0.00	0.00
1-71-P	93	100	8.04	8.04	0	135	0.00	0.00	0.00
1-72-P	93	100	8.04	8.04	0	80	0.00	0.00	0.00
1-73-P	93	100	8.04	8.04	0	2371	0.00	0.00	0.00
1-74-P	93	100	8.04	8.04	0	3630	0.00	0.00	0.00
1-75-P	93	100	8.04	8.04	0	4419	0.00	0.00	0.00
1-76-P	93	100	8.04	8.04	0	4437	0.00	0.00	0.00
1-77-P	93	100	8.04	8.04	0	3037	0.00	0.00	0.00
1-78-P	93	100	8.04	8.04	0	2972	0.00	0.00	0.00
1-79-P	93	100	8.04	8.04	0	15	0.00	0.00	0.00
1-80-P	93	100	8.04	8.04	0	4	0.00	0.00	0.00
1-81-P	93	100	8.04	8.04	0	15	0.00	0.00	0.00
1-82-P	93	100	8.04	8.04	0	757	0.00	0.00	0.00
1-83-P	93	100	8.04	8.04	0	1377	0.00	0.00	0.00
1-84-P	93	100	8.04	8.04	0	1722	0.00	0.00	0.00
1-85-P	93	100	8.04	8.04	0	506	0.00	0.00	0.00
2-1-P	93	100	8.04	8.04	0	238	0.00	0.00	0.00
2-2-P	93	100	8.04	8.04	0	65	0.00	0.00	0.00
2-3-P	93	100	8.04	8.04	0	59	0.00	0.00	0.00
2-4-P	93	100	8.04	8.04	0	180	0.00	0.00	0.00
2-5-P	93	100	8.04	8.04	0	470	0.00	0.00	0.00
2-6-P	93	100	8.04	8.04	0	1569	0.00	0.00	0.00
2-7-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
2-8-P	93	100	8.04	8.04	0	3682	0.00	0.00	0.00
2-9-P	93	100	8.04	8.04	0	3569	0.00	0.00	0.00
2-10-P	93	100	8.04	8.04	0	2663	0.00	0.00	0.00
2-11-P	93	100	8.04	8.04	0	1571	0.00	0.00	0.00
2-12-P	93	100	8.04	8.04	0	594	0.00	0.00	0.00
2-13-P	93	100	8.04	8.04	0	341	0.00	0.00	0.00
2-14-P	93	100	8.04	8.04	0	451	0.00	0.00	0.00
2-15-P	93	100	8.04	8.04	0	847	0.00	0.00	0.00
2-16-P	93	100	8.04	8.04	0	1971	0.00	0.00	0.00
2-17-P	93	100	8.04	8.04	0	2889	0.00	0.00	0.00
2-18-P	93	100	8.04	8.04	0	3966	0.00	0.00	0.00
2-19-P	93	100	8.04	8.04	0	2860	0.00	0.00	0.00
2-20-P	93	100	8.04	8.04	0	1928	0.00	0.00	0.00
2-21-P	93	100	8.04	8.04	0	742	0.00	0.00	0.00
2-22-P	93	100	8.04	8.04	0	379	0.00	0.00	0.00
2-23-P	93	100	8.04	8.04	0	252	0.00	0.00	0.00
2-24-P	93	100	8.04	8.04	0	445	0.00	0.00	0.00
2-25-P	93	100	8.04	8.04	0	1083	0.00	0.00	0.00
2-26-P	93	100	8.04	8.04	0	2045	0.00	0.00	0.00
2-27-P	93	100	8.04	8.04	0	3013	0.00	0.00	0.00
2-28-P	93	100	8.04	8.04	0	3222	0.00	0.00	0.00
2-29-P	93	100	8.04	8.04	0	2204	0.00	0.00	0.00
2-30-P	93	100	8.04	8.04	0	1469	0.00	0.00	0.00
2-31-P	93	100	8.04	8.04	0	472	0.00	0.00	0.00
2-32-P	93	100	8.04	8.04	0	265	0.00	0.00	0.00
2-33-P	93	100	8.04	8.04	0	301	0.00	0.00	0.00
2-34-P	93	100	8.04	8.04	0	554	0.00	0.00	0.00
2-35-P	93	100	8.04	8.04	0	1512	0.00	0.00	0.00
2-36-P	93	100	8.04	8.04	0	2327	0.00	0.00	0.00
2-37-P	93	100	8.04	8.04	0	3371	0.00	0.00	0.00
2-38-P	93	100	8.04	8.04	0	2718	0.00	0.00	0.00
2-39-P	93	100	8.04	8.04	0	1785	0.00	0.00	0.00
2-40-P	93	100	8.04	8.04	0	759	0.00	0.00	0.00
2-41-P	93	100	8.04	8.04	0	380	0.00	0.00	0.00
2-42-P	93	100	8.04	8.04	0	195	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2-43-P	93	100	8.04	8.04	0	380	0.00	0.00	0.00
2-44-P	93	100	8.04	8.04	0	759	0.00	0.00	0.00
2-45-P	93	100	8.04	8.04	0	1785	0.00	0.00	0.00
2-46-P	93	100	8.04	8.04	0	2718	0.00	0.00	0.00
2-47-P	93	100	8.04	8.04	0	3371	0.00	0.00	0.00
2-48-P	93	100	8.04	8.04	0	2327	0.00	0.00	0.00
2-49-P	93	100	8.04	8.04	0	1512	0.00	0.00	0.00
2-50-P	93	100	8.04	8.04	0	554	0.00	0.00	0.00
2-51-P	93	100	8.04	8.04	0	301	0.00	0.00	0.00
2-52-P	93	100	8.04	8.04	0	265	0.00	0.00	0.00
2-53-P	93	100	8.04	8.04	0	472	0.00	0.00	0.00
2-54-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
2-55-P	93	100	8.04	8.04	0	2205	0.00	0.00	0.00
2-56-P	93	100	8.04	8.04	0	3223	0.00	0.00	0.00
2-57-P	93	100	8.04	8.04	0	3015	0.00	0.00	0.00
2-58-P	93	100	8.04	8.04	0	2047	0.00	0.00	0.00
2-59-P	93	100	8.04	8.04	0	1084	0.00	0.00	0.00
2-60-P	93	100	8.04	8.04	0	446	0.00	0.00	0.00
2-61-P	93	100	8.04	8.04	0	253	0.00	0.00	0.00
2-62-P	93	100	8.04	8.04	0	380	0.00	0.00	0.00
2-63-P	93	100	8.04	8.04	0	745	0.00	0.00	0.00
2-64-P	93	100	8.04	8.04	0	1936	0.00	0.00	0.00
2-65-P	93	100	8.04	8.04	0	2870	0.00	0.00	0.00
2-66-P	93	100	8.04	8.04	0	3978	0.00	0.00	0.00
2-67-P	93	100	8.04	8.04	0	2902	0.00	0.00	0.00
2-68-P	93	100	8.04	8.04	0	1984	0.00	0.00	0.00
2-69-P	93	100	8.04	8.04	0	853	0.00	0.00	0.00
2-70-P	93	100	8.04	8.04	0	456	0.00	0.00	0.00
2-71-P	93	100	8.04	8.04	0	345	0.00	0.00	0.00
2-72-P	93	100	8.04	8.04	0	601	0.00	0.00	0.00
2-73-P	93	100	8.04	8.04	0	1594	0.00	0.00	0.00
2-74-P	93	100	8.04	8.04	0	2695	0.00	0.00	0.00
2-75-P	93	100	8.04	8.04	0	3603	0.00	0.00	0.00
2-76-P	93	100	8.04	8.04	0	3716	0.00	0.00	0.00
2-77-P	93	100	8.04	8.04	0	2523	0.00	0.00	0.00
2-78-P	93	100	8.04	8.04	0	1587	0.00	0.00	0.00
2-79-P	93	100	8.04	8.04	0	484	0.00	0.00	0.00
2-80-P	93	100	8.04	8.04	0	193	0.00	0.00	0.00
2-81-P	93	100	8.04	8.04	0	116	0.00	0.00	0.00
2-82-P	93	100	8.04	8.04	0	108	0.00	0.00	0.00
2-83-P	93	100	8.04	8.04	0	285	0.00	0.00	0.00
2-84-P	93	100	8.04	8.04	0	474	0.00	0.00	0.00
2-85-P	93	100	8.04	8.04	0	6894	0.00	0.00	0.00
3-1-P	93	100	8.04	8.04	0	6735	0.00	0.00	0.00
3-2-P	93	100	8.04	8.04	0	5202	0.00	0.00	0.00
3-3-P	93	100	8.04	8.04	0	7475	0.00	0.00	0.00
3-4-P	93	100	8.04	8.04	0	8260	0.00	0.00	0.00
3-5-P	93	100	8.04	8.04	0	8776	0.00	0.00	0.00
3-6-P	93	100	8.04	8.04	0	9293	0.00	0.00	0.00
3-7-P	93	100	8.04	8.04	0	9454	0.00	0.00	0.00
3-8-P	93	100	8.04	8.04	0	9613	0.00	0.00	0.00
3-9-P	93	100	8.04	8.04	0	9548	0.00	0.00	0.00
3-10-P	93	100	8.04	8.04	0	9333	0.00	0.00	0.00
3-11-P	93	100	8.04	8.04	0	9103	0.00	0.00	0.00
3-12-P	93	100	8.04	8.04	0	8813	0.00	0.00	0.00
3-13-P	93	100	8.04	8.04	0	8522	0.00	0.00	0.00
3-14-P	93	100	8.04	8.04	0	8592	0.00	0.00	0.00
3-15-P	93	100	8.04	8.04	0	8751	0.00	0.00	0.00
3-16-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
3-17-P	93	100	8.04	8.04	0	8989	0.00	0.00	0.00
3-18-P	93	100	8.04	8.04	0	9091	0.00	0.00	0.00
3-19-P	93	100	8.04	8.04	0	8907	0.00	0.00	0.00
3-20-P	93	100	8.04	8.04	0	8723	0.00	0.00	0.00
3-21-P	93	100	8.04	8.04	0	8503	0.00	0.00	0.00
3-22-P	93	100	8.04	8.04	0	8258	0.00	0.00	0.00
3-23-P	93	100	8.04	8.04	0	8103	0.00	0.00	0.00
3-24-P	93	100	8.04	8.04	0	8306	0.00	0.00	0.00
3-25-P	93	100	8.04	8.04	0	8508	0.00	0.00	0.00
3-26-P	93	100	8.04	8.04	0	8659	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
3-27-P	93	100	8.04	8.04	0	8796	0.00	0.00	0.00
3-28-P	93	100	8.04	8.04	0	8815	0.00	0.00	0.00
3-29-P	93	100	8.04	8.04	0	8659	0.00	0.00	0.00
3-30-P	93	100	8.04	8.04	0	8502	0.00	0.00	0.00
3-31-P	93	100	8.04	8.04	0	8277	0.00	0.00	0.00
3-32-P	93	100	8.04	8.04	0	8052	0.00	0.00	0.00
3-33-P	93	100	8.04	8.04	0	8093	0.00	0.00	0.00
3-34-P	93	100	8.04	8.04	0	8310	0.00	0.00	0.00
3-35-P	93	100	8.04	8.04	0	8513	0.00	0.00	0.00
3-36-P	93	100	8.04	8.04	0	8660	0.00	0.00	0.00
3-37-P	93	100	8.04	8.04	0	8806	0.00	0.00	0.00
3-38-P	93	100	8.04	8.04	0	8716	0.00	0.00	0.00
3-39-P	93	100	8.04	8.04	0	8566	0.00	0.00	0.00
3-40-P	93	100	8.04	8.04	0	8388	0.00	0.00	0.00
3-41-P	93	100	8.04	8.04	0	8168	0.00	0.00	0.00
3-42-P	93	100	8.04	8.04	0	7948	0.00	0.00	0.00
3-43-P	93	100	8.04	8.04	0	8168	0.00	0.00	0.00
3-44-P	93	100	8.04	8.04	0	8388	0.00	0.00	0.00
3-45-P	93	100	8.04	8.04	0	8566	0.00	0.00	0.00
3-46-P	93	100	8.04	8.04	0	8716	0.00	0.00	0.00
3-47-P	93	100	8.04	8.04	0	8806	0.00	0.00	0.00
3-48-P	93	100	8.04	8.04	0	8659	0.00	0.00	0.00
3-49-P	93	100	8.04	8.04	0	8512	0.00	0.00	0.00
3-50-P	93	100	8.04	8.04	0	8310	0.00	0.00	0.00
3-51-P	93	100	8.04	8.04	0	8093	0.00	0.00	0.00
3-52-P	93	100	8.04	8.04	0	8052	0.00	0.00	0.00
3-53-P	93	100	8.04	8.04	0	8277	0.00	0.00	0.00
3-54-P	93	100	8.04	8.04	0	8503	0.00	0.00	0.00
3-55-P	93	100	8.04	8.04	0	8659	0.00	0.00	0.00
3-56-P	93	100	8.04	8.04	0	8816	0.00	0.00	0.00
3-57-P	93	100	8.04	8.04	0	8796	0.00	0.00	0.00
3-58-P	93	100	8.04	8.04	0	8659	0.00	0.00	0.00
3-59-P	93	100	8.04	8.04	0	8509	0.00	0.00	0.00
3-60-P	93	100	8.04	8.04	0	8307	0.00	0.00	0.00
3-61-P	93	100	8.04	8.04	0	8105	0.00	0.00	0.00
3-62-P	93	100	8.04	8.04	0	8261	0.00	0.00	0.00
3-63-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
3-64-P	93	100	8.04	8.04	0	8727	0.00	0.00	0.00
3-65-P	93	100	8.04	8.04	0	8912	0.00	0.00	0.00
3-66-P	93	100	8.04	8.04	0	9097	0.00	0.00	0.00
3-67-P	93	100	8.04	8.04	0	8997	0.00	0.00	0.00
3-68-P	93	100	8.04	8.04	0	8897	0.00	0.00	0.00
3-69-P	93	100	8.04	8.04	0	8762	0.00	0.00	0.00
3-70-P	93	100	8.04	8.04	0	8606	0.00	0.00	0.00
3-71-P	93	100	8.04	8.04	0	8539	0.00	0.00	0.00
3-72-P	93	100	8.04	8.04	0	8833	0.00	0.00	0.00
3-73-P	93	100	8.04	8.04	0	9126	0.00	0.00	0.00
3-74-P	93	100	8.04	8.04	0	9360	0.00	0.00	0.00
3-75-P	93	100	8.04	8.04	0	9578	0.00	0.00	0.00
3-76-P	93	100	8.04	8.04	0	9642	0.00	0.00	0.00
3-77-P	93	100	8.04	8.04	0	9478	0.00	0.00	0.00
3-78-P	93	100	8.04	8.04	0	9312	0.00	0.00	0.00
3-79-P	93	100	8.04	8.04	0	8672	0.00	0.00	0.00
3-80-P	93	100	8.04	8.04	0	8033	0.00	0.00	0.00
3-81-P	93	100	8.04	8.04	0	7034	0.00	0.00	0.00
3-82-P	93	100	8.04	8.04	0	5795	0.00	0.00	0.00
3-83-P	93	100	8.04	8.04	0	4598	0.00	0.00	0.00
3-84-P	93	100	8.04	8.04	0	3411	0.00	0.00	0.00
3-85-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
5-1-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-2-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-3-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-4-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-5-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-6-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-7-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-8-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-9-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-10-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-11-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-12-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-13-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-14-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-15-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-16-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-17-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-18-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-19-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-20-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-21-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-22-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-23-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-24-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-25-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-26-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-27-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-28-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-29-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-30-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-31-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-32-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-33-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-34-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-35-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-36-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-37-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-38-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-39-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-40-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-41-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-42-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-43-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-44-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-45-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-46-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-47-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-48-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-49-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-50-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-51-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-52-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-53-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-54-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-55-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-56-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-57-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-58-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-59-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-60-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-61-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-62-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-63-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-64-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-65-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-66-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-67-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-68-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-69-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-70-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-71-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-72-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-73-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-74-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-75-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-76-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-77-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-78-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-79-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-80-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-81-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-82-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-83-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-84-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-85-P	10	100	4.02	4.02	0	7708	0.00	0.00	0.00
6-1-S	100	100	18.85	8.04	0	785	0.00	0.00	0.00
6-2-S	100	100	18.85	8.04	0	208	0.00	0.00	0.00
6-3-S	100	100	18.85	8.04	0	414	0.00	0.00	0.00
6-4-S	100	100	18.85	8.04	0	167	0.00	0.00	0.00
6-5-S	100	100	18.85	8.04	0	9	0.00	0.00	0.00
6-6-S	100	100	18.85	8.04	0	119	0.00	0.00	0.00
6-7-S	100	100	18.85	8.04	0	4446	0.00	0.00	0.00
6-8-S	100	100	18.85	8.04	0	14510	0.00	0.00	0.00
6-9-S	100	100	18.85	8.04	0	24117	0.00	0.00	0.00
6-10-S	100	100	18.85	8.04	0	33673	0.00	0.00	0.00
6-11-S	100	100	18.85	8.04	0	43212	0.00	0.00	0.00
6-12-S	100	100	18.85	8.04	0	52785	0.00	0.00	0.00
6-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
6-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
6-15-S	100	100	18.85	8.04	0	2878	0.00	0.00	0.00
7-1-S	100	100	18.85	8.04	0	60	0.00	0.00	0.00
7-2-S	100	100	18.85	8.04	0	402	0.00	0.00	0.00
7-3-S	100	100	18.85	8.04	0	559	0.00	0.00	0.00
7-4-S	100	100	18.85	8.04	0	246	0.00	0.00	0.00
7-5-S	100	100	18.85	8.04	0	18	0.00	0.00	0.00
7-6-S	100	100	18.85	8.04	0	1165	0.00	0.00	0.00
7-7-S	100	100	18.85	8.04	0	7134	0.00	0.00	0.00
7-8-S	100	100	18.85	8.04	0	15694	0.00	0.00	0.00
7-9-S	100	100	18.85	8.04	0	24423	0.00	0.00	0.00
7-10-S	100	100	18.85	8.04	0	33167	0.00	0.00	0.00
7-11-S	100	100	18.85	8.04	0	41890	0.00	0.00	0.00
7-12-S	100	100	18.85	8.04	0	50546	0.00	0.00	0.00
7-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
7-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
7-15-S	100	100	18.85	8.04	0	751	0.00	0.00	0.00
8-1-S	100	100	18.85	8.04	0	257	0.00	0.00	0.00
8-2-S	100	100	18.85	8.04	0	562	0.00	0.00	0.00
8-3-S	100	100	18.85	8.04	0	825	0.00	0.00	0.00
8-4-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
8-5-S	100	100	18.85	8.04	0	217	0.00	0.00	0.00
8-6-S	100	100	18.85	8.04	0	1976	0.00	0.00	0.00
8-7-S	100	100	18.85	8.04	0	8558	0.00	0.00	0.00
8-8-S	100	100	18.85	8.04	0	15862	0.00	0.00	0.00
8-9-S	100	100	18.85	8.04	0	23978	0.00	0.00	0.00
8-10-S	100	100	18.85	8.04	0	32169	0.00	0.00	0.00
8-11-S	100	100	18.85	8.04	0	40325	0.00	0.00	0.00
8-12-S	100	100	18.85	8.04	0	48378	0.00	0.00	0.00
8-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
8-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
8-15-S	100	100	18.85	8.04	0	10506	0.00	0.00	0.00
9-1-S	100	100	18.85	8.04	0	497	0.00	0.00	0.00
9-2-S	100	100	18.85	8.04	0	221	0.00	0.00	0.00
9-3-S	100	100	18.85	8.04	0	279	0.00	0.00	0.00
9-4-S	100	100	18.85	8.04	0	127	0.00	0.00	0.00
9-5-S	100	100	18.85	8.04	0	12	0.00	0.00	0.00
9-6-S	100	100	18.85	8.04	0	241	0.00	0.00	0.00
9-7-S	100	100	18.85	8.04	0	4104	0.00	0.00	0.00
9-8-S	100	100	18.85	8.04	0	14589	0.00	0.00	0.00
9-9-S	100	100	18.85	8.04	0	23062	0.00	0.00	0.00
9-10-S	100	100	18.85	8.04	0	31348	0.00	0.00	0.00
9-11-S	100	100	18.85	8.04	0	39517	0.00	0.00	0.00
9-12-S	100	100	18.85	8.04	0	47314	0.00	0.00	0.00
9-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
9-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
9-15-S	100	100	18.85	8.04	0	616	0.00	0.00	0.00
10-1-S	100	100	15.71	8.04	0	279	0.00	0.00	0.00
10-2-S	100	100	15.71	8.04	0	467	0.00	0.00	0.00
10-3-S	100	100	15.71	8.04	0	631	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
10-4-S	100	100	15.71	8.04	0	354	0.00	0.00	0.00
10-5-S	100	100	15.71	8.04	0	102	0.00	0.00	0.00
10-6-S	100	100	15.71	8.04	0	2313	0.00	0.00	0.00
10-7-S	100	100	15.71	8.04	0	8775	0.00	0.00	0.00
10-8-S	100	100	15.71	8.04	0	15238	0.00	0.00	0.00
10-9-S	100	100	15.71	8.04	0	22942	0.00	0.00	0.00
10-10-S	100	100	15.71	8.04	0	30760	0.00	0.00	0.00
10-11-S	100	100	15.71	8.04	0	38552	0.00	0.00	0.00
10-12-S	100	100	15.71	8.04	0	46266	0.00	0.00	0.00
10-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
10-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
10-15-S	100	100	15.71	8.04	0	10539	0.00	0.00	0.00
11-1-S	100	100	15.71	8.04	0	492	0.00	0.00	0.00
11-2-S	100	100	15.71	8.04	0	248	0.00	0.00	0.00
11-3-S	100	100	15.71	8.04	0	315	0.00	0.00	0.00
11-4-S	100	100	15.71	8.04	0	156	0.00	0.00	0.00
11-5-S	100	100	15.71	8.04	0	25	0.00	0.00	0.00
11-6-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
11-7-S	100	100	15.71	8.04	0	3643	0.00	0.00	0.00
11-8-S	100	100	15.71	8.04	0	13985	0.00	0.00	0.00
11-9-S	100	100	15.71	8.04	0	22329	0.00	0.00	0.00
11-10-S	100	100	15.71	8.04	0	30483	0.00	0.00	0.00
11-11-S	100	100	15.71	8.04	0	38525	0.00	0.00	0.00
11-12-S	100	100	15.71	8.04	0	46199	0.00	0.00	0.00
11-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
11-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
11-15-S	100	100	15.71	8.04	0	649	0.00	0.00	0.00
12-1-S	100	100	15.71	8.04	0	171	0.00	0.00	0.00
12-2-S	100	100	15.71	8.04	0	449	0.00	0.00	0.00
12-3-S	100	100	15.71	8.04	0	682	0.00	0.00	0.00
12-4-S	100	100	15.71	8.04	0	356	0.00	0.00	0.00
12-5-S	100	100	15.71	8.04	0	56	0.00	0.00	0.00
12-6-S	100	100	15.71	8.04	0	1479	0.00	0.00	0.00
12-7-S	100	100	15.71	8.04	0	7688	0.00	0.00	0.00
12-8-S	100	100	15.71	8.04	0	14711	0.00	0.00	0.00
12-9-S	100	100	15.71	8.04	0	22472	0.00	0.00	0.00
12-10-S	100	100	15.71	8.04	0	30300	0.00	0.00	0.00
12-11-S	100	100	15.71	8.04	0	38092	0.00	0.00	0.00
12-12-S	100	100	15.71	8.04	0	45774	0.00	0.00	0.00
12-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
12-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
12-15-S	100	100	15.71	8.04	0	2645	0.00	0.00	0.00
13-1-S	100	100	15.71	8.04	0	104	0.00	0.00	0.00
13-2-S	100	100	15.71	8.04	0	466	0.00	0.00	0.00
13-3-S	100	100	15.71	8.04	0	618	0.00	0.00	0.00
13-4-S	100	100	15.71	8.04	0	317	0.00	0.00	0.00
13-5-S	100	100	15.71	8.04	0	69	0.00	0.00	0.00
13-6-S	100	100	15.71	8.04	0	897	0.00	0.00	0.00
13-7-S	100	100	15.71	8.04	0	6321	0.00	0.00	0.00
13-8-S	100	100	15.71	8.04	0	14377	0.00	0.00	0.00
13-9-S	100	100	15.71	8.04	0	22313	0.00	0.00	0.00
13-10-S	100	100	15.71	8.04	0	30237	0.00	0.00	0.00
13-11-S	100	100	15.71	8.04	0	38103	0.00	0.00	0.00
13-12-S	100	100	15.71	8.04	0	45782	0.00	0.00	0.00
13-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
13-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
13-15-S	100	100	15.71	8.04	0	7932	0.00	0.00	0.00
14-1-S	100	100	15.71	8.04	0	516	0.00	0.00	0.00
14-2-S	100	100	15.71	8.04	0	383	0.00	0.00	0.00
14-3-S	100	100	15.71	8.04	0	516	0.00	0.00	0.00
14-4-S	100	100	15.71	8.04	0	253	0.00	0.00	0.00
14-5-S	100	100	15.71	8.04	0	37	0.00	0.00	0.00
14-6-S	100	100	15.71	8.04	0	450	0.00	0.00	0.00
14-7-S	100	100	15.71	8.04	0	4601	0.00	0.00	0.00
14-8-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
14-9-S	100	100	15.71	8.04	0	22140	0.00	0.00	0.00
14-10-S	100	100	15.71	8.04	0	30196	0.00	0.00	0.00
14-11-S	100	100	15.71	8.04	0	38163	0.00	0.00	0.00
14-12-S	100	100	15.71	8.04	0	45838	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
14-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
14-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
14-15-S	100	100	15.71	8.04	0	607	0.00	0.00	0.00
15-1-S	100	100	15.71	8.04	0	209	0.00	0.00	0.00
15-2-S	100	100	15.71	8.04	0	526	0.00	0.00	0.00
15-3-S	100	100	15.71	8.04	0	774	0.00	0.00	0.00
15-4-S	100	100	15.71	8.04	0	410	0.00	0.00	0.00
15-5-S	100	100	15.71	8.04	0	72	0.00	0.00	0.00
15-6-S	100	100	15.71	8.04	0	1825	0.00	0.00	0.00
15-7-S	100	100	15.71	8.04	0	8248	0.00	0.00	0.00
15-8-S	100	100	15.71	8.04	0	14704	0.00	0.00	0.00
15-9-S	100	100	15.71	8.04	0	22368	0.00	0.00	0.00
15-10-S	100	100	15.71	8.04	0	30144	0.00	0.00	0.00
15-11-S	100	100	15.71	8.04	0	37898	0.00	0.00	0.00
15-12-S	100	100	15.71	8.04	0	45582	0.00	0.00	0.00
15-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
15-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
15-15-S	100	100	15.71	8.04	0	10549	0.00	0.00	0.00
16-1-S	100	100	15.71	10.05	0	461	0.00	0.00	0.00
16-2-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-3-S	100	100	15.71	10.05	0	7	0.00	0.00	0.00
16-4-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-5-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-6-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-7-S	100	100	15.71	10.05	0	2889	0.00	0.00	0.00
16-8-S	100	100	15.71	10.05	0	13576	0.00	0.00	0.00
16-9-S	100	100	15.71	10.05	0	21978	0.00	0.00	0.00
16-10-S	100	100	15.71	10.05	0	30161	0.00	0.00	0.00
16-11-S	100	100	15.71	10.05	0	38224	0.00	0.00	0.00
16-12-S	100	100	15.71	10.05	0	45900	0.00	0.00	0.00
16-13-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-14-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-15-S	100	100	15.71	10.05	0	607	0.00	0.00	0.00
17-1-S	100	100	15.71	8.04	0	209	0.00	0.00	0.00
17-2-S	100	100	15.71	8.04	0	526	0.00	0.00	0.00
17-3-S	100	100	15.71	8.04	0	774	0.00	0.00	0.00
17-4-S	100	100	15.71	8.04	0	410	0.00	0.00	0.00
17-5-S	100	100	15.71	8.04	0	72	0.00	0.00	0.00
17-6-S	100	100	15.71	8.04	0	1825	0.00	0.00	0.00
17-7-S	100	100	15.71	8.04	0	8248	0.00	0.00	0.00
17-8-S	100	100	15.71	8.04	0	14704	0.00	0.00	0.00
17-9-S	100	100	15.71	8.04	0	22368	0.00	0.00	0.00
17-10-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
17-11-S	100	100	15.71	8.04	0	37898	0.00	0.00	0.00
17-12-S	100	100	15.71	8.04	0	45581	0.00	0.00	0.00
17-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
17-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
17-15-S	100	100	15.71	8.04	0	7932	0.00	0.00	0.00
18-1-S	100	100	15.71	8.04	0	516	0.00	0.00	0.00
18-2-S	100	100	15.71	8.04	0	383	0.00	0.00	0.00
18-3-S	100	100	15.71	8.04	0	516	0.00	0.00	0.00
18-4-S	100	100	15.71	8.04	0	253	0.00	0.00	0.00
18-5-S	100	100	15.71	8.04	0	37	0.00	0.00	0.00
18-6-S	100	100	15.71	8.04	0	450	0.00	0.00	0.00
18-7-S	100	100	15.71	8.04	0	4601	0.00	0.00	0.00
18-8-S	100	100	15.71	8.04	0	13966	0.00	0.00	0.00
18-9-S	100	100	15.71	8.04	0	22139	0.00	0.00	0.00
18-10-S	100	100	15.71	8.04	0	30195	0.00	0.00	0.00
18-11-S	100	100	15.71	8.04	0	38162	0.00	0.00	0.00
18-12-S	100	100	15.71	8.04	0	45838	0.00	0.00	0.00
18-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
18-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
18-15-S	100	100	15.71	8.04	0	2645	0.00	0.00	0.00
19-1-S	100	100	15.71	8.04	0	104	0.00	0.00	0.00
19-2-S	100	100	15.71	8.04	0	467	0.00	0.00	0.00
19-3-S	100	100	15.71	8.04	0	619	0.00	0.00	0.00
19-4-S	100	100	15.71	8.04	0	317	0.00	0.00	0.00
19-5-S	100	100	15.71	8.04	0	69	0.00	0.00	0.00
19-6-S	100	100	15.71	8.04	0	897	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
19-7-S	100	100	15.71	8.04	0	6321	0.00	0.00	0.00
19-8-S	100	100	15.71	8.04	0	14378	0.00	0.00	0.00
19-9-S	100	100	15.71	8.04	0	22313	0.00	0.00	0.00
19-10-S	100	100	15.71	8.04	0	30236	0.00	0.00	0.00
19-11-S	100	100	15.71	8.04	0	38102	0.00	0.00	0.00
19-12-S	100	100	15.71	8.04	0	45781	0.00	0.00	0.00
19-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
19-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
19-15-S	100	100	15.71	8.04	0	649	0.00	0.00	0.00
20-1-S	100	100	15.71	8.04	0	172	0.00	0.00	0.00
20-2-S	100	100	15.71	8.04	0	448	0.00	0.00	0.00
20-3-S	100	100	15.71	8.04	0	682	0.00	0.00	0.00
20-4-S	100	100	15.71	8.04	0	356	0.00	0.00	0.00
20-5-S	100	100	15.71	8.04	0	56	0.00	0.00	0.00
20-6-S	100	100	15.71	8.04	0	1480	0.00	0.00	0.00
20-7-S	100	100	15.71	8.04	0	7690	0.00	0.00	0.00
20-8-S	100	100	15.71	8.04	0	14713	0.00	0.00	0.00
20-9-S	100	100	15.71	8.04	0	22473	0.00	0.00	0.00
20-10-S	100	100	15.71	8.04	0	30301	0.00	0.00	0.00
20-11-S	100	100	15.71	8.04	0	38093	0.00	0.00	0.00
20-12-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
20-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
20-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
20-15-S	100	100	15.71	8.04	0	10540	0.00	0.00	0.00
21-1-S	100	100	15.71	8.04	0	492	0.00	0.00	0.00
21-2-S	100	100	15.71	8.04	0	249	0.00	0.00	0.00
21-3-S	100	100	15.71	8.04	0	316	0.00	0.00	0.00
21-4-S	100	100	15.71	8.04	0	156	0.00	0.00	0.00
21-5-S	100	100	15.71	8.04	0	26	0.00	0.00	0.00
21-6-S	100	100	15.71	8.04	0	229	0.00	0.00	0.00
21-7-S	100	100	15.71	8.04	0	3647	0.00	0.00	0.00
21-8-S	100	100	15.71	8.04	0	13990	0.00	0.00	0.00
21-9-S	100	100	15.71	8.04	0	22333	0.00	0.00	0.00
21-10-S	100	100	15.71	8.04	0	30487	0.00	0.00	0.00
21-11-S	100	100	15.71	8.04	0	38528	0.00	0.00	0.00
21-12-S	100	100	15.71	8.04	0	46201	0.00	0.00	0.00
21-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
21-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
21-15-S	100	100	15.71	8.04	0	616	0.00	0.00	0.00
22-1-S	100	100	15.71	8.04	0	280	0.00	0.00	0.00
22-2-S	100	100	15.71	8.04	0	468	0.00	0.00	0.00
22-3-S	100	100	15.71	8.04	0	632	0.00	0.00	0.00
22-4-S	100	100	15.71	8.04	0	355	0.00	0.00	0.00
22-5-S	100	100	15.71	8.04	0	103	0.00	0.00	0.00
22-6-S	100	100	15.71	8.04	0	2322	0.00	0.00	0.00
22-7-S	100	100	15.71	8.04	0	8785	0.00	0.00	0.00
22-8-S	100	100	15.71	8.04	0	15249	0.00	0.00	0.00
22-9-S	100	100	15.71	8.04	0	22953	0.00	0.00	0.00
22-10-S	100	100	15.71	8.04	0	30771	0.00	0.00	0.00
22-11-S	100	100	15.71	8.04	0	38563	0.00	0.00	0.00
22-12-S	100	100	15.71	8.04	0	46276	0.00	0.00	0.00
22-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
22-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
22-15-S	100	100	15.71	8.04	0	10507	0.00	0.00	0.00
23-1-S	100	100	18.85	8.04	0	498	0.00	0.00	0.00
23-2-S	100	100	18.85	8.04	0	221	0.00	0.00	0.00
23-3-S	100	100	18.85	8.04	0	279	0.00	0.00	0.00
23-4-S	100	100	18.85	8.04	0	127	0.00	0.00	0.00
23-5-S	100	100	18.85	8.04	0	12	0.00	0.00	0.00
23-6-S	100	100	18.85	8.04	0	243	0.00	0.00	0.00
23-7-S	100	100	18.85	8.04	0	4123	0.00	0.00	0.00
23-8-S	100	100	18.85	8.04	0	14611	0.00	0.00	0.00
23-9-S	100	100	18.85	8.04	0	23087	0.00	0.00	0.00
23-10-S	100	100	18.85	8.04	0	31374	0.00	0.00	0.00
23-11-S	100	100	18.85	8.04	0	39546	0.00	0.00	0.00
23-12-S	100	100	18.85	8.04	0	47344	0.00	0.00	0.00
23-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
23-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
23-15-S	100	100	18.85	8.04	0	754	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
24-1-S	100	100	18.85	8.04	0	260	0.00	0.00	0.00
24-2-S	100	100	18.85	8.04	0	566	0.00	0.00	0.00
24-3-S	100	100	18.85	8.04	0	830	0.00	0.00	0.00
24-4-S	100	100	18.85	8.04	0	524	0.00	0.00	0.00
24-5-S	100	100	18.85	8.04	0	223	0.00	0.00	0.00
24-6-S	100	100	18.85	8.04	0	1990	0.00	0.00	0.00
24-7-S	100	100	18.85	8.04	0	8583	0.00	0.00	0.00
24-8-S	100	100	18.85	8.04	0	15895	0.00	0.00	0.00
24-9-S	100	100	18.85	8.04	0	24022	0.00	0.00	0.00
24-10-S	100	100	18.85	8.04	0	32224	0.00	0.00	0.00
24-11-S	100	100	18.85	8.04	0	40391	0.00	0.00	0.00
24-12-S	100	100	18.85	8.04	0	48456	0.00	0.00	0.00
24-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
24-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
24-15-S	100	100	18.85	8.04	0	2877	0.00	0.00	0.00
25-1-S	100	100	18.85	8.04	0	60	0.00	0.00	0.00
25-2-S	100	100	18.85	8.04	0	401	0.00	0.00	0.00
25-3-S	100	100	18.85	8.04	0	557	0.00	0.00	0.00
25-4-S	100	100	18.85	8.04	0	243	0.00	0.00	0.00
25-5-S	100	100	18.85	8.04	0	17	0.00	0.00	0.00
25-6-S	100	100	18.85	8.04	0	1172	0.00	0.00	0.00
25-7-S	100	100	18.85	8.04	0	7155	0.00	0.00	0.00
25-8-S	100	100	18.85	8.04	0	15720	0.00	0.00	0.00
25-9-S	100	100	18.85	8.04	0	24468	0.00	0.00	0.00
25-10-S	100	100	18.85	8.04	0	33234	0.00	0.00	0.00
25-11-S	100	100	18.85	8.04	0	41997	0.00	0.00	0.00
25-12-S	100	100	18.85	8.04	0	50756	0.00	0.00	0.00
25-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
25-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
25-15-S	100	100	18.85	8.04	0	7703	0.00	0.00	0.00
26-1-S	100	100	18.85	8.04	0	782	0.00	0.00	0.00
26-2-S	100	100	18.85	8.04	0	210	0.00	0.00	0.00
26-3-S	100	100	18.85	8.04	0	412	0.00	0.00	0.00
26-4-S	100	100	18.85	8.04	0	155	0.00	0.00	0.00
26-5-S	100	100	18.85	8.04	0	1	0.00	0.00	0.00
26-6-S	100	100	18.85	8.04	0	135	0.00	0.00	0.00
26-7-S	100	100	18.85	8.04	0	4620	0.00	0.00	0.00
26-8-S	100	100	18.85	8.04	0	14873	0.00	0.00	0.00
26-9-S	100	100	18.85	8.04	0	24164	0.00	0.00	0.00
26-10-S	100	100	18.85	8.04	0	33353	0.00	0.00	0.00
26-11-S	100	100	18.85	8.04	0	42776	0.00	0.00	0.00
26-12-S	100	100	18.85	8.04	0	52939	0.00	0.00	0.00
26-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
26-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
26-15-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00

Pali in c.a.

Combinazione n° 13 - SLER

Y	A_f	σ_c	σ_f	τ_c	σ_{stf}
[m]	[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
0.00	116.80	89.17	1994.18		
0.00	116.80	92.01	1392.82		

Combinazioni SLEF

Paramento

Combinazione n° 14 - SLEF

Tensione massima di compressione nel calcestruzzo 338.54 [kg/cmq]
Tensione massima di trazione dell'acciaio 4588.00 [kg/cmq]

n°	Y	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1	0.00	100	40	12.57	12.57	0	0	0.00	0.00	0.00
2	-0.27	100	42	12.57	12.57	-1	281	0.07	0.97	0.88
3	-0.55	100	43	12.57	12.57	-5	573	0.13	1.98	1.67
4	-0.82	100	45	12.57	12.57	-11	877	0.21	3.03	2.36
5	-1.10	100	47	12.57	12.57	-20	1193	0.28	4.11	2.97
6	-1.37	100	48	12.57	12.57	-31	1520	0.36	5.22	3.52
7	-1.65	100	50	12.57	12.57	-45	1858	0.44	6.35	4.00
8	-1.92	100	52	12.57	12.57	-62	2208	0.52	7.49	4.44
9	-2.20	100	53	12.57	12.57	-82	2570	0.60	8.65	4.82
10	-2.47	100	55	12.57	12.57	-104	2943	0.68	9.79	5.20
11	-2.75	100	57	12.57	12.57	-119	3328	0.74	10.72	5.76
12	-3.02	100	59	12.57	12.57	-111	3725	0.77	11.18	6.77
13	-3.30	100	60	12.57	12.57	-65	4133	0.74	10.92	8.46
14	-3.57	100	62	12.57	12.57	34	4552	0.74	9.79	11.02
15	-3.85	100	64	12.57	12.57	203	4983	1.01	7.62	14.59
16	-4.13	100	65	12.57	12.57	457	5426	1.35	4.31	19.28
17	-4.40	100	67	12.57	12.57	812	5880	1.80	0.49	25.29
18	-4.67	100	69	12.57	12.57	1282	6346	2.51	12.61	34.53
19	-4.95	100	70	12.57	12.57	1885	6823	3.62	42.11	48.42
20	-5.22	100	72	12.57	12.57	2636	7312	5.08	95.08	66.10
21	-5.50	100	74	12.57	12.57	3550	7813	6.79	170.05	86.29

Piastra fondazione

Combinazione n° 14 - SLEF

Tensione massima di compressione nel calcestruzzo 338.54 [kg/cmq]
Tensione massima di trazione dell'acciaio 4588.00 [kg/cmq]

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-1-P	93	100	8.04	8.04	1	1682	0.00	0.00	0.00
1-2-P	93	100	8.04	8.04	1	914	0.00	0.00	0.00
1-3-P	93	100	8.04	8.04	1	18	0.00	0.00	0.00
1-4-P	93	100	8.04	8.04	0	5	0.00	0.00	0.00
1-5-P	93	100	8.04	8.04	1	19	0.00	0.00	0.00
1-6-P	93	100	8.04	8.04	1	3589	0.00	0.00	0.00
1-7-P	93	100	8.04	8.04	1	3629	0.00	0.00	0.00
1-8-P	93	100	8.04	8.04	0	5293	0.00	0.00	0.00
1-9-P	93	100	8.04	8.04	1	5275	0.00	0.00	0.00
1-10-P	93	100	8.04	8.04	1	4343	0.00	0.00	0.00
1-11-P	93	100	8.04	8.04	1	2853	0.00	0.00	0.00
1-12-P	93	100	8.04	8.04	1	96	0.00	0.00	0.00
1-13-P	93	100	8.04	8.04	1	165	0.00	0.00	0.00
1-14-P	93	100	8.04	8.04	1	45	0.00	0.00	0.00
1-15-P	93	100	8.04	8.04	1	0	0.00	0.00	0.00
1-16-P	93	100	8.04	8.04	1	3851	0.00	0.00	0.00
1-17-P	93	100	8.04	8.04	1	4512	0.00	0.00	0.00
1-18-P	93	100	8.04	8.04	1	6357	0.00	0.00	0.00
1-19-P	93	100	8.04	8.04	1	4608	0.00	0.00	0.00
1-20-P	93	100	8.04	8.04	1	3962	0.00	0.00	0.00
1-21-P	93	100	8.04	8.04	1	0	0.00	0.00	0.00
1-22-P	93	100	8.04	8.04	1	43	0.00	0.00	0.00
1-23-P	93	100	8.04	8.04	1	119	0.00	0.00	0.00
1-24-P	93	100	8.04	8.04	1	50	0.00	0.00	0.00
1-25-P	93	100	8.04	8.04	1	2275	0.00	0.00	0.00
1-26-P	93	100	8.04	8.04	1	3684	0.00	0.00	0.00
1-27-P	93	100	8.04	8.04	1	4738	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-28-P	93	100	8.04	8.04	1	5083	0.00	0.00	0.00
1-29-P	93	100	8.04	8.04	1	3831	0.00	0.00	0.00
1-30-P	93	100	8.04	8.04	1	3814	0.00	0.00	0.00
1-31-P	93	100	8.04	8.04	1	42	0.00	0.00	0.00
1-32-P	93	100	8.04	8.04	1	74	0.00	0.00	0.00
1-33-P	93	100	8.04	8.04	1	46	0.00	0.00	0.00
1-34-P	93	100	8.04	8.04	1	2	0.00	0.00	0.00
1-35-P	93	100	8.04	8.04	1	3675	0.00	0.00	0.00
1-36-P	93	100	8.04	8.04	1	3889	0.00	0.00	0.00
1-37-P	93	100	8.04	8.04	1	5356	0.00	0.00	0.00
1-38-P	93	100	8.04	8.04	1	4323	0.00	0.00	0.00
1-39-P	93	100	8.04	8.04	1	3548	0.00	0.00	0.00
1-40-P	93	100	8.04	8.04	1	727	0.00	0.00	0.00
1-41-P	93	100	8.04	8.04	1	46	0.00	0.00	0.00
1-42-P	93	100	8.04	8.04	0	146	0.00	0.00	0.00
1-43-P	93	100	8.04	8.04	1	46	0.00	0.00	0.00
1-44-P	93	100	8.04	8.04	1	727	0.00	0.00	0.00
1-45-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
1-46-P	93	100	8.04	8.04	1	4323	0.00	0.00	0.00
1-47-P	93	100	8.04	8.04	1	5357	0.00	0.00	0.00
1-48-P	93	100	8.04	8.04	1	3890	0.00	0.00	0.00
1-49-P	93	100	8.04	8.04	1	3675	0.00	0.00	0.00
1-50-P	93	100	8.04	8.04	1	2	0.00	0.00	0.00
1-51-P	93	100	8.04	8.04	1	46	0.00	0.00	0.00
1-52-P	93	100	8.04	8.04	1	74	0.00	0.00	0.00
1-53-P	93	100	8.04	8.04	1	42	0.00	0.00	0.00
1-54-P	93	100	8.04	8.04	1	3815	0.00	0.00	0.00
1-55-P	93	100	8.04	8.04	1	3834	0.00	0.00	0.00
1-56-P	93	100	8.04	8.04	1	5086	0.00	0.00	0.00
1-57-P	93	100	8.04	8.04	1	4741	0.00	0.00	0.00
1-58-P	93	100	8.04	8.04	1	3687	0.00	0.00	0.00
1-59-P	93	100	8.04	8.04	1	2277	0.00	0.00	0.00
1-60-P	93	100	8.04	8.04	1	50	0.00	0.00	0.00
1-61-P	93	100	8.04	8.04	1	120	0.00	0.00	0.00
1-62-P	93	100	8.04	8.04	1	43	0.00	0.00	0.00
1-63-P	93	100	8.04	8.04	1	0	0.00	0.00	0.00
1-64-P	93	100	8.04	8.04	1	3972	0.00	0.00	0.00
1-65-P	93	100	8.04	8.04	1	4624	0.00	0.00	0.00
1-66-P	93	100	8.04	8.04	1	6375	0.00	0.00	0.00
1-67-P	93	100	8.04	8.04	1	4529	0.00	0.00	0.00
1-68-P	93	100	8.04	8.04	1	3862	0.00	0.00	0.00
1-69-P	93	100	8.04	8.04	1	0	0.00	0.00	0.00
1-70-P	93	100	8.04	8.04	1	46	0.00	0.00	0.00
1-71-P	93	100	8.04	8.04	1	168	0.00	0.00	0.00
1-72-P	93	100	8.04	8.04	1	98	0.00	0.00	0.00
1-73-P	93	100	8.04	8.04	1	2881	0.00	0.00	0.00
1-74-P	93	100	8.04	8.04	1	4382	0.00	0.00	0.00
1-75-P	93	100	8.04	8.04	1	5319	0.00	0.00	0.00
1-76-P	93	100	8.04	8.04	1	5335	0.00	0.00	0.00
1-77-P	93	100	8.04	8.04	1	3662	0.00	0.00	0.00
1-78-P	93	100	8.04	8.04	1	3610	0.00	0.00	0.00
1-79-P	93	100	8.04	8.04	1	19	0.00	0.00	0.00
1-80-P	93	100	8.04	8.04	1	5	0.00	0.00	0.00
1-81-P	93	100	8.04	8.04	1	18	0.00	0.00	0.00
1-82-P	93	100	8.04	8.04	1	909	0.00	0.00	0.00
1-83-P	93	100	8.04	8.04	1	1686	0.00	0.00	0.00
1-84-P	93	100	8.04	8.04	1	2097	0.00	0.00	0.00
1-85-P	93	100	8.04	8.04	1	628	0.00	0.00	0.00
2-1-P	93	100	8.04	8.04	1	303	0.00	0.00	0.00
2-2-P	93	100	8.04	8.04	1	78	0.00	0.00	0.00
2-3-P	93	100	8.04	8.04	1	75	0.00	0.00	0.00
2-4-P	93	100	8.04	8.04	0	225	0.00	0.00	0.00
2-5-P	93	100	8.04	8.04	0	589	0.00	0.00	0.00
2-6-P	93	100	8.04	8.04	0	1947	0.00	0.00	0.00
2-7-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
2-8-P	93	100	8.04	8.04	0	4501	0.00	0.00	0.00
2-9-P	93	100	8.04	8.04	1	4368	0.00	0.00	0.00
2-10-P	93	100	8.04	8.04	1	3281	0.00	0.00	0.00
2-11-P	93	100	8.04	8.04	1	1955	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2-12-P	93	100	8.04	8.04	1	747	0.00	0.00	0.00
2-13-P	93	100	8.04	8.04	1	433	0.00	0.00	0.00
2-14-P	93	100	8.04	8.04	0	595	0.00	0.00	0.00
2-15-P	93	100	8.04	8.04	0	1067	0.00	0.00	0.00
2-16-P	93	100	8.04	8.04	0	2457	0.00	0.00	0.00
2-17-P	93	100	8.04	8.04	0	3561	0.00	0.00	0.00
2-18-P	93	100	8.04	8.04	1	4862	0.00	0.00	0.00
2-19-P	93	100	8.04	8.04	1	3527	0.00	0.00	0.00
2-20-P	93	100	8.04	8.04	1	2407	0.00	0.00	0.00
2-21-P	93	100	8.04	8.04	1	941	0.00	0.00	0.00
2-22-P	93	100	8.04	8.04	1	494	0.00	0.00	0.00
2-23-P	93	100	8.04	8.04	1	327	0.00	0.00	0.00
2-24-P	93	100	8.04	8.04	0	564	0.00	0.00	0.00
2-25-P	93	100	8.04	8.04	0	1375	0.00	0.00	0.00
2-26-P	93	100	8.04	8.04	0	2548	0.00	0.00	0.00
2-27-P	93	100	8.04	8.04	0	3712	0.00	0.00	0.00
2-28-P	93	100	8.04	8.04	1	3964	0.00	0.00	0.00
2-29-P	93	100	8.04	8.04	1	2738	0.00	0.00	0.00
2-30-P	93	100	8.04	8.04	1	1837	0.00	0.00	0.00
2-31-P	93	100	8.04	8.04	1	596	0.00	0.00	0.00
2-32-P	93	100	8.04	8.04	1	343	0.00	0.00	0.00
2-33-P	93	100	8.04	8.04	0	387	0.00	0.00	0.00
2-34-P	93	100	8.04	8.04	0	712	0.00	0.00	0.00
2-35-P	93	100	8.04	8.04	0	1887	0.00	0.00	0.00
2-36-P	93	100	8.04	8.04	0	2885	0.00	0.00	0.00
2-37-P	93	100	8.04	8.04	0	4144	0.00	0.00	0.00
2-38-P	93	100	8.04	8.04	1	3356	0.00	0.00	0.00
2-39-P	93	100	8.04	8.04	1	2235	0.00	0.00	0.00
2-40-P	93	100	8.04	8.04	1	963	0.00	0.00	0.00
2-41-P	93	100	8.04	8.04	1	501	0.00	0.00	0.00
2-42-P	93	100	8.04	8.04	1	253	0.00	0.00	0.00
2-43-P	93	100	8.04	8.04	0	501	0.00	0.00	0.00
2-44-P	93	100	8.04	8.04	0	963	0.00	0.00	0.00
2-45-P	93	100	8.04	8.04	0	2235	0.00	0.00	0.00
2-46-P	93	100	8.04	8.04	0	3356	0.00	0.00	0.00
2-47-P	93	100	8.04	8.04	1	4144	0.00	0.00	0.00
2-48-P	93	100	8.04	8.04	1	2886	0.00	0.00	0.00
2-49-P	93	100	8.04	8.04	1	1887	0.00	0.00	0.00
2-50-P	93	100	8.04	8.04	1	712	0.00	0.00	0.00
2-51-P	93	100	8.04	8.04	1	387	0.00	0.00	0.00
2-52-P	93	100	8.04	8.04	0	343	0.00	0.00	0.00
2-53-P	93	100	8.04	8.04	0	596	0.00	0.00	0.00
2-54-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
2-55-P	93	100	8.04	8.04	0	2740	0.00	0.00	0.00
2-56-P	93	100	8.04	8.04	0	3965	0.00	0.00	0.00
2-57-P	93	100	8.04	8.04	1	3715	0.00	0.00	0.00
2-58-P	93	100	8.04	8.04	1	2550	0.00	0.00	0.00
2-59-P	93	100	8.04	8.04	1	1377	0.00	0.00	0.00
2-60-P	93	100	8.04	8.04	1	564	0.00	0.00	0.00
2-61-P	93	100	8.04	8.04	1	328	0.00	0.00	0.00
2-62-P	93	100	8.04	8.04	0	496	0.00	0.00	0.00
2-63-P	93	100	8.04	8.04	0	944	0.00	0.00	0.00
2-64-P	93	100	8.04	8.04	0	2418	0.00	0.00	0.00
2-65-P	93	100	8.04	8.04	0	3540	0.00	0.00	0.00
2-66-P	93	100	8.04	8.04	0	4876	0.00	0.00	0.00
2-67-P	93	100	8.04	8.04	1	3576	0.00	0.00	0.00
2-68-P	93	100	8.04	8.04	1	2473	0.00	0.00	0.00
2-69-P	93	100	8.04	8.04	1	1075	0.00	0.00	0.00
2-70-P	93	100	8.04	8.04	1	602	0.00	0.00	0.00
2-71-P	93	100	8.04	8.04	0	439	0.00	0.00	0.00
2-72-P	93	100	8.04	8.04	0	759	0.00	0.00	0.00
2-73-P	93	100	8.04	8.04	0	1982	0.00	0.00	0.00
2-74-P	93	100	8.04	8.04	0	3321	0.00	0.00	0.00
2-75-P	93	100	8.04	8.04	0	4410	0.00	0.00	0.00
2-76-P	93	100	8.04	8.04	1	4543	0.00	0.00	0.00
2-77-P	93	100	8.04	8.04	1	3101	0.00	0.00	0.00
2-78-P	93	100	8.04	8.04	1	1969	0.00	0.00	0.00
2-79-P	93	100	8.04	8.04	1	610	0.00	0.00	0.00
2-80-P	93	100	8.04	8.04	1	242	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2-81-P	93	100	8.04	8.04	1	145	0.00	0.00	0.00
2-82-P	93	100	8.04	8.04	1	137	0.00	0.00	0.00
2-83-P	93	100	8.04	8.04	0	364	0.00	0.00	0.00
2-84-P	93	100	8.04	8.04	0	588	0.00	0.00	0.00
2-85-P	93	100	8.04	8.04	0	8544	0.00	0.00	0.00
3-1-P	93	100	8.04	8.04	0	8348	0.00	0.00	0.00
3-2-P	93	100	8.04	8.04	0	6449	0.00	0.00	0.00
3-3-P	93	100	8.04	8.04	0	9272	0.00	0.00	0.00
3-4-P	93	100	8.04	8.04	0	10247	0.00	0.00	0.00
3-5-P	93	100	8.04	8.04	0	10887	0.00	0.00	0.00
3-6-P	93	100	8.04	8.04	0	11527	0.00	0.00	0.00
3-7-P	93	100	8.04	8.04	1	11728	0.00	0.00	0.00
3-8-P	93	100	8.04	8.04	1	11929	0.00	0.00	0.00
3-9-P	93	100	8.04	8.04	1	11853	0.00	0.00	0.00
3-10-P	93	100	8.04	8.04	1	11592	0.00	0.00	0.00
3-11-P	93	100	8.04	8.04	1	11313	0.00	0.00	0.00
3-12-P	93	100	8.04	8.04	1	10957	0.00	0.00	0.00
3-13-P	93	100	8.04	8.04	1	10602	0.00	0.00	0.00
3-14-P	93	100	8.04	8.04	1	10690	0.00	0.00	0.00
3-15-P	93	100	8.04	8.04	1	10888	0.00	0.00	0.00
3-16-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
3-17-P	93	100	8.04	8.04	1	11183	0.00	0.00	0.00
3-18-P	93	100	8.04	8.04	1	11309	0.00	0.00	0.00
3-19-P	93	100	8.04	8.04	1	11084	0.00	0.00	0.00
3-20-P	93	100	8.04	8.04	1	10860	0.00	0.00	0.00
3-21-P	93	100	8.04	8.04	1	10589	0.00	0.00	0.00
3-22-P	93	100	8.04	8.04	1	10288	0.00	0.00	0.00
3-23-P	93	100	8.04	8.04	1	10097	0.00	0.00	0.00
3-24-P	93	100	8.04	8.04	1	10348	0.00	0.00	0.00
3-25-P	93	100	8.04	8.04	0	10598	0.00	0.00	0.00
3-26-P	93	100	8.04	8.04	0	10783	0.00	0.00	0.00
3-27-P	93	100	8.04	8.04	1	10951	0.00	0.00	0.00
3-28-P	93	100	8.04	8.04	1	10976	0.00	0.00	0.00
3-29-P	93	100	8.04	8.04	1	10784	0.00	0.00	0.00
3-30-P	93	100	8.04	8.04	1	10592	0.00	0.00	0.00
3-31-P	93	100	8.04	8.04	1	10315	0.00	0.00	0.00
3-32-P	93	100	8.04	8.04	1	10037	0.00	0.00	0.00
3-33-P	93	100	8.04	8.04	0	10087	0.00	0.00	0.00
3-34-P	93	100	8.04	8.04	0	10354	0.00	0.00	0.00
3-35-P	93	100	8.04	8.04	0	10604	0.00	0.00	0.00
3-36-P	93	100	8.04	8.04	0	10785	0.00	0.00	0.00
3-37-P	93	100	8.04	8.04	0	10965	0.00	0.00	0.00
3-38-P	93	100	8.04	8.04	1	10854	0.00	0.00	0.00
3-39-P	93	100	8.04	8.04	1	10671	0.00	0.00	0.00
3-40-P	93	100	8.04	8.04	1	10452	0.00	0.00	0.00
3-41-P	93	100	8.04	8.04	1	10180	0.00	0.00	0.00
3-42-P	93	100	8.04	8.04	1	9909	0.00	0.00	0.00
3-43-P	93	100	8.04	8.04	0	10180	0.00	0.00	0.00
3-44-P	93	100	8.04	8.04	0	10452	0.00	0.00	0.00
3-45-P	93	100	8.04	8.04	0	10670	0.00	0.00	0.00
3-46-P	93	100	8.04	8.04	0	10854	0.00	0.00	0.00
3-47-P	93	100	8.04	8.04	1	10965	0.00	0.00	0.00
3-48-P	93	100	8.04	8.04	1	10785	0.00	0.00	0.00
3-49-P	93	100	8.04	8.04	1	10604	0.00	0.00	0.00
3-50-P	93	100	8.04	8.04	1	10354	0.00	0.00	0.00
3-51-P	93	100	8.04	8.04	1	10087	0.00	0.00	0.00
3-52-P	93	100	8.04	8.04	0	10037	0.00	0.00	0.00
3-53-P	93	100	8.04	8.04	0	10315	0.00	0.00	0.00
3-54-P	93	100	8.04	8.04	0	10592	0.00	0.00	0.00
3-55-P	93	100	8.04	8.04	0	10784	0.00	0.00	0.00
3-56-P	93	100	8.04	8.04	0	10976	0.00	0.00	0.00
3-57-P	93	100	8.04	8.04	1	10952	0.00	0.00	0.00
3-58-P	93	100	8.04	8.04	1	10784	0.00	0.00	0.00
3-59-P	93	100	8.04	8.04	1	10599	0.00	0.00	0.00
3-60-P	93	100	8.04	8.04	1	10349	0.00	0.00	0.00
3-61-P	93	100	8.04	8.04	0	10100	0.00	0.00	0.00
3-62-P	93	100	8.04	8.04	0	10291	0.00	0.00	0.00
3-63-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
3-64-P	93	100	8.04	8.04	0	10864	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
3-65-P	93	100	8.04	8.04	0	11090	0.00	0.00	0.00
3-66-P	93	100	8.04	8.04	0	11316	0.00	0.00	0.00
3-67-P	93	100	8.04	8.04	1	11192	0.00	0.00	0.00
3-68-P	93	100	8.04	8.04	1	11068	0.00	0.00	0.00
3-69-P	93	100	8.04	8.04	1	10902	0.00	0.00	0.00
3-70-P	93	100	8.04	8.04	1	10707	0.00	0.00	0.00
3-71-P	93	100	8.04	8.04	0	10622	0.00	0.00	0.00
3-72-P	93	100	8.04	8.04	0	10982	0.00	0.00	0.00
3-73-P	93	100	8.04	8.04	0	11341	0.00	0.00	0.00
3-74-P	93	100	8.04	8.04	0	11625	0.00	0.00	0.00
3-75-P	93	100	8.04	8.04	0	11890	0.00	0.00	0.00
3-76-P	93	100	8.04	8.04	1	11966	0.00	0.00	0.00
3-77-P	93	100	8.04	8.04	1	11758	0.00	0.00	0.00
3-78-P	93	100	8.04	8.04	1	11550	0.00	0.00	0.00
3-79-P	93	100	8.04	8.04	1	10758	0.00	0.00	0.00
3-80-P	93	100	8.04	8.04	1	9967	0.00	0.00	0.00
3-81-P	93	100	8.04	8.04	1	8726	0.00	0.00	0.00
3-82-P	93	100	8.04	8.04	1	7184	0.00	0.00	0.00
3-83-P	93	100	8.04	8.04	1	5699	0.00	0.00	0.00
3-84-P	93	100	8.04	8.04	1	4228	0.00	0.00	0.00
3-85-P	93	100	8.04	8.04	1	0	0.00	0.00	0.00
5-1-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-2-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-3-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-4-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-5-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-6-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-7-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-8-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-9-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-10-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-11-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-12-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-13-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-14-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-15-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-16-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-17-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-18-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-19-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-20-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-21-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-22-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-23-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-24-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-25-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-26-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-27-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-28-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-29-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-30-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-31-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-32-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-33-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-34-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-35-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-36-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-37-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-38-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-39-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-40-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-41-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-42-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-43-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-44-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-45-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-46-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-47-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-48-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-49-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-50-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-51-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-52-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-53-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-54-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-55-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-56-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-57-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-58-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-59-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-60-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-61-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-62-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-63-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-64-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-65-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-66-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-67-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-68-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-69-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-70-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-71-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-72-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-73-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-74-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-75-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-76-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-77-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-78-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-79-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-80-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-81-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-82-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-83-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-84-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-85-P	10	100	4.02	4.02	1	9399	0.00	0.00	0.00
6-1-S	100	100	18.85	8.04	1	975	0.00	0.00	0.00
6-2-S	100	100	18.85	8.04	1	257	0.00	0.00	0.00
6-3-S	100	100	18.85	8.04	0	509	0.00	0.00	0.00
6-4-S	100	100	18.85	8.04	0	209	0.00	0.00	0.00
6-5-S	100	100	18.85	8.04	0	12	0.00	0.00	0.00
6-6-S	100	100	18.85	8.04	0	176	0.00	0.00	0.00
6-7-S	100	100	18.85	8.04	0	5640	0.00	0.00	0.00
6-8-S	100	100	18.85	8.04	0	18025	0.00	0.00	0.00
6-9-S	100	100	18.85	8.04	0	29915	0.00	0.00	0.00
6-10-S	100	100	18.85	8.04	0	41751	0.00	0.00	0.00
6-11-S	100	100	18.85	8.04	0	53562	0.00	0.00	0.00
6-12-S	100	100	18.85	8.04	0	65472	0.00	0.00	0.00
6-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
6-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
6-15-S	100	100	18.85	8.04	1	3511	0.00	0.00	0.00
7-1-S	100	100	18.85	8.04	1	74	0.00	0.00	0.00
7-2-S	100	100	18.85	8.04	1	426	0.00	0.00	0.00
7-3-S	100	100	18.85	8.04	0	688	0.00	0.00	0.00
7-4-S	100	100	18.85	8.04	0	307	0.00	0.00	0.00
7-5-S	100	100	18.85	8.04	0	23	0.00	0.00	0.00
7-6-S	100	100	18.85	8.04	0	1529	0.00	0.00	0.00
7-7-S	100	100	18.85	8.04	0	8959	0.00	0.00	0.00
7-8-S	100	100	18.85	8.04	0	19501	0.00	0.00	0.00
7-9-S	100	100	18.85	8.04	0	30326	0.00	0.00	0.00
7-10-S	100	100	18.85	8.04	0	41176	0.00	0.00	0.00
7-11-S	100	100	18.85	8.04	0	52014	0.00	0.00	0.00
7-12-S	100	100	18.85	8.04	0	62818	0.00	0.00	0.00
7-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
7-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
7-15-S	100	100	18.85	8.04	1	912	0.00	0.00	0.00
8-1-S	100	100	18.85	8.04	1	310	0.00	0.00	0.00
8-2-S	100	100	18.85	8.04	1	684	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
8-3-S	100	100	18.85	8.04	0	913	0.00	0.00	0.00
8-4-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
8-5-S	100	100	18.85	8.04	0	273	0.00	0.00	0.00
8-6-S	100	100	18.85	8.04	0	2550	0.00	0.00	0.00
8-7-S	100	100	18.85	8.04	0	10720	0.00	0.00	0.00
8-8-S	100	100	18.85	8.04	0	19731	0.00	0.00	0.00
8-9-S	100	100	18.85	8.04	0	29811	0.00	0.00	0.00
8-10-S	100	100	18.85	8.04	0	39989	0.00	0.00	0.00
8-11-S	100	100	18.85	8.04	0	50148	0.00	0.00	0.00
8-12-S	100	100	18.85	8.04	0	60211	0.00	0.00	0.00
8-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
8-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
8-15-S	100	100	18.85	8.04	1	12808	0.00	0.00	0.00
9-1-S	100	100	18.85	8.04	1	621	0.00	0.00	0.00
9-2-S	100	100	18.85	8.04	1	209	0.00	0.00	0.00
9-3-S	100	100	18.85	8.04	0	343	0.00	0.00	0.00
9-4-S	100	100	18.85	8.04	0	158	0.00	0.00	0.00
9-5-S	100	100	18.85	8.04	0	16	0.00	0.00	0.00
9-6-S	100	100	18.85	8.04	0	334	0.00	0.00	0.00
9-7-S	100	100	18.85	8.04	0	5265	0.00	0.00	0.00
9-8-S	100	100	18.85	8.04	0	18177	0.00	0.00	0.00
9-9-S	100	100	18.85	8.04	0	28699	0.00	0.00	0.00
9-10-S	100	100	18.85	8.04	0	38997	0.00	0.00	0.00
9-11-S	100	100	18.85	8.04	0	49166	0.00	0.00	0.00
9-12-S	100	100	18.85	8.04	0	58928	0.00	0.00	0.00
9-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
9-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
9-15-S	100	100	18.85	8.04	1	749	0.00	0.00	0.00
10-1-S	100	100	15.71	8.04	1	340	0.00	0.00	0.00
10-2-S	100	100	15.71	8.04	1	572	0.00	0.00	0.00
10-3-S	100	100	15.71	8.04	0	775	0.00	0.00	0.00
10-4-S	100	100	15.71	8.04	0	440	0.00	0.00	0.00
10-5-S	100	100	15.71	8.04	0	131	0.00	0.00	0.00
10-6-S	100	100	15.71	8.04	0	3021	0.00	0.00	0.00
10-7-S	100	100	15.71	8.04	0	11007	0.00	0.00	0.00
10-8-S	100	100	15.71	8.04	0	18994	0.00	0.00	0.00
10-9-S	100	100	15.71	8.04	0	28571	0.00	0.00	0.00
10-10-S	100	100	15.71	8.04	0	38296	0.00	0.00	0.00
10-11-S	100	100	15.71	8.04	0	48009	0.00	0.00	0.00
10-12-S	100	100	15.71	8.04	0	57660	0.00	0.00	0.00
10-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
10-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
10-15-S	100	100	15.71	8.04	1	12849	0.00	0.00	0.00
11-1-S	100	100	15.71	8.04	1	616	0.00	0.00	0.00
11-2-S	100	100	15.71	8.04	1	241	0.00	0.00	0.00
11-3-S	100	100	15.71	8.04	0	387	0.00	0.00	0.00
11-4-S	100	100	15.71	8.04	0	193	0.00	0.00	0.00
11-5-S	100	100	15.71	8.04	0	34	0.00	0.00	0.00
11-6-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
11-7-S	100	100	15.71	8.04	0	4668	0.00	0.00	0.00
11-8-S	100	100	15.71	8.04	0	17452	0.00	0.00	0.00
11-9-S	100	100	15.71	8.04	0	27816	0.00	0.00	0.00
11-10-S	100	100	15.71	8.04	0	37956	0.00	0.00	0.00
11-11-S	100	100	15.71	8.04	0	47967	0.00	0.00	0.00
11-12-S	100	100	15.71	8.04	0	57582	0.00	0.00	0.00
11-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
11-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
11-15-S	100	100	15.71	8.04	1	791	0.00	0.00	0.00
12-1-S	100	100	15.71	8.04	1	209	0.00	0.00	0.00
12-2-S	100	100	15.71	8.04	1	549	0.00	0.00	0.00
12-3-S	100	100	15.71	8.04	0	736	0.00	0.00	0.00
12-4-S	100	100	15.71	8.04	0	442	0.00	0.00	0.00
12-5-S	100	100	15.71	8.04	0	75	0.00	0.00	0.00
12-6-S	100	100	15.71	8.04	0	1962	0.00	0.00	0.00
12-7-S	100	100	15.71	8.04	0	9682	0.00	0.00	0.00
12-8-S	100	100	15.71	8.04	0	18353	0.00	0.00	0.00
12-9-S	100	100	15.71	8.04	0	28001	0.00	0.00	0.00
12-10-S	100	100	15.71	8.04	0	37739	0.00	0.00	0.00
12-11-S	100	100	15.71	8.04	0	47454	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
12-12-S	100	100	15.71	8.04	0	57066	0.00	0.00	0.00
12-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
12-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
12-15-S	100	100	15.71	8.04	1	3225	0.00	0.00	0.00
13-1-S	100	100	15.71	8.04	1	127	0.00	0.00	0.00
13-2-S	100	100	15.71	8.04	1	509	0.00	0.00	0.00
13-3-S	100	100	15.71	8.04	0	759	0.00	0.00	0.00
13-4-S	100	100	15.71	8.04	0	394	0.00	0.00	0.00
13-5-S	100	100	15.71	8.04	0	92	0.00	0.00	0.00
13-6-S	100	100	15.71	8.04	0	1211	0.00	0.00	0.00
13-7-S	100	100	15.71	8.04	0	8007	0.00	0.00	0.00
13-8-S	100	100	15.71	8.04	0	17941	0.00	0.00	0.00
13-9-S	100	100	15.71	8.04	0	27804	0.00	0.00	0.00
13-10-S	100	100	15.71	8.04	0	37661	0.00	0.00	0.00
13-11-S	100	100	15.71	8.04	0	47460	0.00	0.00	0.00
13-12-S	100	100	15.71	8.04	0	57076	0.00	0.00	0.00
13-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
13-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
13-15-S	100	100	15.71	8.04	1	9671	0.00	0.00	0.00
14-1-S	100	100	15.71	8.04	1	645	0.00	0.00	0.00
14-2-S	100	100	15.71	8.04	1	404	0.00	0.00	0.00
14-3-S	100	100	15.71	8.04	0	634	0.00	0.00	0.00
14-4-S	100	100	15.71	8.04	0	314	0.00	0.00	0.00
14-5-S	100	100	15.71	8.04	0	49	0.00	0.00	0.00
14-6-S	100	100	15.71	8.04	0	626	0.00	0.00	0.00
14-7-S	100	100	15.71	8.04	0	5848	0.00	0.00	0.00
14-8-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
14-9-S	100	100	15.71	8.04	0	27590	0.00	0.00	0.00
14-10-S	100	100	15.71	8.04	0	37609	0.00	0.00	0.00
14-11-S	100	100	15.71	8.04	0	47527	0.00	0.00	0.00
14-12-S	100	100	15.71	8.04	0	57145	0.00	0.00	0.00
14-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
14-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
14-15-S	100	100	15.71	8.04	1	739	0.00	0.00	0.00
15-1-S	100	100	15.71	8.04	1	255	0.00	0.00	0.00
15-2-S	100	100	15.71	8.04	1	644	0.00	0.00	0.00
15-3-S	100	100	15.71	8.04	0	951	0.00	0.00	0.00
15-4-S	100	100	15.71	8.04	0	510	0.00	0.00	0.00
15-5-S	100	100	15.71	8.04	0	96	0.00	0.00	0.00
15-6-S	100	100	15.71	8.04	0	2424	0.00	0.00	0.00
15-7-S	100	100	15.71	8.04	0	10370	0.00	0.00	0.00
15-8-S	100	100	15.71	8.04	0	18349	0.00	0.00	0.00
15-9-S	100	100	15.71	8.04	0	27878	0.00	0.00	0.00
15-10-S	100	100	15.71	8.04	0	37551	0.00	0.00	0.00
15-11-S	100	100	15.71	8.04	0	47218	0.00	0.00	0.00
15-12-S	100	100	15.71	8.04	0	56839	0.00	0.00	0.00
15-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
15-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
15-15-S	100	100	15.71	8.04	0	12863	0.00	0.00	0.00
16-1-S	100	100	15.71	10.05	0	579	0.00	0.00	0.00
16-2-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-3-S	100	100	15.71	10.05	0	9	0.00	0.00	0.00
16-4-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-5-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-6-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-7-S	100	100	15.71	10.05	0	3748	0.00	0.00	0.00
16-8-S	100	100	15.71	10.05	0	16956	0.00	0.00	0.00
16-9-S	100	100	15.71	10.05	0	27391	0.00	0.00	0.00
16-10-S	100	100	15.71	10.05	0	37565	0.00	0.00	0.00
16-11-S	100	100	15.71	10.05	0	47601	0.00	0.00	0.00
16-12-S	100	100	15.71	10.05	0	57219	0.00	0.00	0.00
16-13-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-14-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-15-S	100	100	15.71	10.05	1	739	0.00	0.00	0.00
17-1-S	100	100	15.71	8.04	1	255	0.00	0.00	0.00
17-2-S	100	100	15.71	8.04	1	644	0.00	0.00	0.00
17-3-S	100	100	15.71	8.04	0	951	0.00	0.00	0.00
17-4-S	100	100	15.71	8.04	0	510	0.00	0.00	0.00
17-5-S	100	100	15.71	8.04	0	96	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
17-6-S	100	100	15.71	8.04	0	2424	0.00	0.00	0.00
17-7-S	100	100	15.71	8.04	0	10370	0.00	0.00	0.00
17-8-S	100	100	15.71	8.04	0	18349	0.00	0.00	0.00
17-9-S	100	100	15.71	8.04	0	27878	0.00	0.00	0.00
17-10-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
17-11-S	100	100	15.71	8.04	0	47217	0.00	0.00	0.00
17-12-S	100	100	15.71	8.04	0	56838	0.00	0.00	0.00
17-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
17-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
17-15-S	100	100	15.71	8.04	1	9672	0.00	0.00	0.00
18-1-S	100	100	15.71	8.04	1	646	0.00	0.00	0.00
18-2-S	100	100	15.71	8.04	1	404	0.00	0.00	0.00
18-3-S	100	100	15.71	8.04	0	634	0.00	0.00	0.00
18-4-S	100	100	15.71	8.04	0	314	0.00	0.00	0.00
18-5-S	100	100	15.71	8.04	0	49	0.00	0.00	0.00
18-6-S	100	100	15.71	8.04	0	626	0.00	0.00	0.00
18-7-S	100	100	15.71	8.04	0	5848	0.00	0.00	0.00
18-8-S	100	100	15.71	8.04	0	17435	0.00	0.00	0.00
18-9-S	100	100	15.71	8.04	0	27590	0.00	0.00	0.00
18-10-S	100	100	15.71	8.04	0	37608	0.00	0.00	0.00
18-11-S	100	100	15.71	8.04	0	47526	0.00	0.00	0.00
18-12-S	100	100	15.71	8.04	0	57143	0.00	0.00	0.00
18-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
18-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
18-15-S	100	100	15.71	8.04	1	3225	0.00	0.00	0.00
19-1-S	100	100	15.71	8.04	1	128	0.00	0.00	0.00
19-2-S	100	100	15.71	8.04	1	509	0.00	0.00	0.00
19-3-S	100	100	15.71	8.04	0	760	0.00	0.00	0.00
19-4-S	100	100	15.71	8.04	0	394	0.00	0.00	0.00
19-5-S	100	100	15.71	8.04	0	92	0.00	0.00	0.00
19-6-S	100	100	15.71	8.04	0	1211	0.00	0.00	0.00
19-7-S	100	100	15.71	8.04	0	8008	0.00	0.00	0.00
19-8-S	100	100	15.71	8.04	0	17942	0.00	0.00	0.00
19-9-S	100	100	15.71	8.04	0	27804	0.00	0.00	0.00
19-10-S	100	100	15.71	8.04	0	37660	0.00	0.00	0.00
19-11-S	100	100	15.71	8.04	0	47460	0.00	0.00	0.00
19-12-S	100	100	15.71	8.04	0	57075	0.00	0.00	0.00
19-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
19-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
19-15-S	100	100	15.71	8.04	1	791	0.00	0.00	0.00
20-1-S	100	100	15.71	8.04	1	209	0.00	0.00	0.00
20-2-S	100	100	15.71	8.04	1	549	0.00	0.00	0.00
20-3-S	100	100	15.71	8.04	0	736	0.00	0.00	0.00
20-4-S	100	100	15.71	8.04	0	442	0.00	0.00	0.00
20-5-S	100	100	15.71	8.04	0	75	0.00	0.00	0.00
20-6-S	100	100	15.71	8.04	0	1964	0.00	0.00	0.00
20-7-S	100	100	15.71	8.04	0	9684	0.00	0.00	0.00
20-8-S	100	100	15.71	8.04	0	18355	0.00	0.00	0.00
20-9-S	100	100	15.71	8.04	0	28003	0.00	0.00	0.00
20-10-S	100	100	15.71	8.04	0	37740	0.00	0.00	0.00
20-11-S	100	100	15.71	8.04	0	47454	0.00	0.00	0.00
20-12-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
20-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
20-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
20-15-S	100	100	15.71	8.04	1	12850	0.00	0.00	0.00
21-1-S	100	100	15.71	8.04	1	617	0.00	0.00	0.00
21-2-S	100	100	15.71	8.04	1	242	0.00	0.00	0.00
21-3-S	100	100	15.71	8.04	0	388	0.00	0.00	0.00
21-4-S	100	100	15.71	8.04	0	194	0.00	0.00	0.00
21-5-S	100	100	15.71	8.04	0	34	0.00	0.00	0.00
21-6-S	100	100	15.71	8.04	0	313	0.00	0.00	0.00
21-7-S	100	100	15.71	8.04	0	4673	0.00	0.00	0.00
21-8-S	100	100	15.71	8.04	0	17458	0.00	0.00	0.00
21-9-S	100	100	15.71	8.04	0	27822	0.00	0.00	0.00
21-10-S	100	100	15.71	8.04	0	37961	0.00	0.00	0.00
21-11-S	100	100	15.71	8.04	0	47971	0.00	0.00	0.00
21-12-S	100	100	15.71	8.04	0	57585	0.00	0.00	0.00
21-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
21-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
21-15-S	100	100	15.71	8.04	1	749	0.00	0.00	0.00
22-1-S	100	100	15.71	8.04	1	341	0.00	0.00	0.00
22-2-S	100	100	15.71	8.04	1	573	0.00	0.00	0.00
22-3-S	100	100	15.71	8.04	0	776	0.00	0.00	0.00
22-4-S	100	100	15.71	8.04	0	441	0.00	0.00	0.00
22-5-S	100	100	15.71	8.04	0	132	0.00	0.00	0.00
22-6-S	100	100	15.71	8.04	0	3031	0.00	0.00	0.00
22-7-S	100	100	15.71	8.04	0	11019	0.00	0.00	0.00
22-8-S	100	100	15.71	8.04	0	19008	0.00	0.00	0.00
22-9-S	100	100	15.71	8.04	0	28585	0.00	0.00	0.00
22-10-S	100	100	15.71	8.04	0	38310	0.00	0.00	0.00
22-11-S	100	100	15.71	8.04	0	48023	0.00	0.00	0.00
22-12-S	100	100	15.71	8.04	0	57673	0.00	0.00	0.00
22-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
22-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
22-15-S	100	100	15.71	8.04	1	12810	0.00	0.00	0.00
23-1-S	100	100	18.85	8.04	1	622	0.00	0.00	0.00
23-2-S	100	100	18.85	8.04	1	210	0.00	0.00	0.00
23-3-S	100	100	18.85	8.04	0	343	0.00	0.00	0.00
23-4-S	100	100	18.85	8.04	0	158	0.00	0.00	0.00
23-5-S	100	100	18.85	8.04	0	16	0.00	0.00	0.00
23-6-S	100	100	18.85	8.04	0	337	0.00	0.00	0.00
23-7-S	100	100	18.85	8.04	0	5289	0.00	0.00	0.00
23-8-S	100	100	18.85	8.04	0	18204	0.00	0.00	0.00
23-9-S	100	100	18.85	8.04	0	28729	0.00	0.00	0.00
23-10-S	100	100	18.85	8.04	0	39030	0.00	0.00	0.00
23-11-S	100	100	18.85	8.04	0	49202	0.00	0.00	0.00
23-12-S	100	100	18.85	8.04	0	58965	0.00	0.00	0.00
23-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
23-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
23-15-S	100	100	18.85	8.04	1	916	0.00	0.00	0.00
24-1-S	100	100	18.85	8.04	1	314	0.00	0.00	0.00
24-2-S	100	100	18.85	8.04	1	689	0.00	0.00	0.00
24-3-S	100	100	18.85	8.04	0	919	0.00	0.00	0.00
24-4-S	100	100	18.85	8.04	0	645	0.00	0.00	0.00
24-5-S	100	100	18.85	8.04	0	281	0.00	0.00	0.00
24-6-S	100	100	18.85	8.04	0	2567	0.00	0.00	0.00
24-7-S	100	100	18.85	8.04	0	10751	0.00	0.00	0.00
24-8-S	100	100	18.85	8.04	0	19771	0.00	0.00	0.00
24-9-S	100	100	18.85	8.04	0	29864	0.00	0.00	0.00
24-10-S	100	100	18.85	8.04	0	40056	0.00	0.00	0.00
24-11-S	100	100	18.85	8.04	0	50229	0.00	0.00	0.00
24-12-S	100	100	18.85	8.04	0	60306	0.00	0.00	0.00
24-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
24-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
24-15-S	100	100	18.85	8.04	1	3510	0.00	0.00	0.00
25-1-S	100	100	18.85	8.04	1	74	0.00	0.00	0.00
25-2-S	100	100	18.85	8.04	1	425	0.00	0.00	0.00
25-3-S	100	100	18.85	8.04	0	686	0.00	0.00	0.00
25-4-S	100	100	18.85	8.04	0	304	0.00	0.00	0.00
25-5-S	100	100	18.85	8.04	0	22	0.00	0.00	0.00
25-6-S	100	100	18.85	8.04	0	1538	0.00	0.00	0.00
25-7-S	100	100	18.85	8.04	0	8984	0.00	0.00	0.00
25-8-S	100	100	18.85	8.04	0	19532	0.00	0.00	0.00
25-9-S	100	100	18.85	8.04	0	30381	0.00	0.00	0.00
25-10-S	100	100	18.85	8.04	0	41257	0.00	0.00	0.00
25-11-S	100	100	18.85	8.04	0	52145	0.00	0.00	0.00
25-12-S	100	100	18.85	8.04	0	63077	0.00	0.00	0.00
25-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
25-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
25-15-S	100	100	18.85	8.04	1	9393	0.00	0.00	0.00
26-1-S	100	100	18.85	8.04	1	972	0.00	0.00	0.00
26-2-S	100	100	18.85	8.04	1	259	0.00	0.00	0.00
26-3-S	100	100	18.85	8.04	0	507	0.00	0.00	0.00
26-4-S	100	100	18.85	8.04	0	194	0.00	0.00	0.00
26-5-S	100	100	18.85	8.04	0	2	0.00	0.00	0.00
26-6-S	100	100	18.85	8.04	0	194	0.00	0.00	0.00
26-7-S	100	100	18.85	8.04	0	5855	0.00	0.00	0.00
26-8-S	100	100	18.85	8.04	0	18477	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
26-9-S	100	100	18.85	8.04	0	29972	0.00	0.00	0.00
26-10-S	100	100	18.85	8.04	0	41347	0.00	0.00	0.00
26-11-S	100	100	18.85	8.04	0	53008	0.00	0.00	0.00
26-12-S	100	100	18.85	8.04	0	65670	0.00	0.00	0.00
26-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
26-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
26-15-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00

Pali in c.a.

Combinazione n° 14 - SLEF

Y	A_f	σ_c	σ_f	τ_c	σ_{stf}
[m]	[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
0.00	116.80	67.85	1416.37		
0.00	116.80	69.47	1044.59		

Combinazioni SLEQ

Paramento

Combinazione n° 15 - SLEQ

Tensione massima di compressione nel calcestruzzo 152.34 [kg/cmq]
Tensione massima di trazione dell'acciaio 4588.00 [kg/cmq]

n°	Y	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1	0.00	100	40	12.57	12.57	0	0	0.00	0.00	0.00
2	-0.27	100	42	12.57	12.57	-1	281	0.07	0.97	0.88
3	-0.55	100	43	12.57	12.57	-5	573	0.13	1.98	1.67
4	-0.82	100	45	12.57	12.57	-11	877	0.21	3.03	2.36
5	-1.10	100	47	12.57	12.57	-20	1193	0.28	4.11	2.97
6	-1.37	100	48	12.57	12.57	-31	1520	0.36	5.22	3.52
7	-1.65	100	50	12.57	12.57	-45	1858	0.44	6.35	4.00
8	-1.92	100	52	12.57	12.57	-62	2208	0.52	7.49	4.44
9	-2.20	100	53	12.57	12.57	-82	2570	0.60	8.65	4.82
10	-2.47	100	55	12.57	12.57	-105	2943	0.68	9.82	5.17
11	-2.75	100	57	12.57	12.57	-132	3328	0.76	10.99	5.49
12	-3.02	100	59	12.57	12.57	-157	3725	0.84	12.09	5.85
13	-3.30	100	60	12.57	12.57	-169	4133	0.89	12.88	6.51
14	-3.57	100	62	12.57	12.57	-150	4552	0.90	13.11	7.70
15	-3.85	100	64	12.57	12.57	-87	4983	0.85	12.60	9.61
16	-4.13	100	65	12.57	12.57	37	5426	0.83	11.18	12.41
17	-4.40	100	67	12.57	12.57	238	5880	1.11	8.75	16.21
18	-4.67	100	69	12.57	12.57	532	6346	1.48	5.20	21.11
19	-4.95	100	70	12.57	12.57	933	6823	1.93	0.35	27.24
20	-5.22	100	72	12.57	12.57	1458	7312	2.61	10.63	36.28
21	-5.50	100	74	12.57	12.57	2122	7813	3.69	37.58	50.03

Piastra fondazione

Combinazione n° 15 - SLEQ

Tensione massima di compressione nel calcestruzzo 152.34 [kg/cmq]
Tensione massima di trazione dell'acciaio 4588.00 [kg/cmq]

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-1-P	93	100	8.04	8.04	1	1319	0.00	0.00	0.00
1-2-P	93	100	8.04	8.04	1	723	0.00	0.00	0.00
1-3-P	93	100	8.04	8.04	1	14	0.00	0.00	0.00
1-4-P	93	100	8.04	8.04	0	4	0.00	0.00	0.00
1-5-P	93	100	8.04	8.04	1	16	0.00	0.00	0.00
1-6-P	93	100	8.04	8.04	1	2823	0.00	0.00	0.00
1-7-P	93	100	8.04	8.04	1	2835	0.00	0.00	0.00
1-8-P	93	100	8.04	8.04	1	4102	0.00	0.00	0.00
1-9-P	93	100	8.04	8.04	1	4081	0.00	0.00	0.00
1-10-P	93	100	8.04	8.04	1	3360	0.00	0.00	0.00
1-11-P	93	100	8.04	8.04	1	2202	0.00	0.00	0.00
1-12-P	93	100	8.04	8.04	1	76	0.00	0.00	0.00
1-13-P	93	100	8.04	8.04	1	137	0.00	0.00	0.00
1-14-P	93	100	8.04	8.04	1	38	0.00	0.00	0.00
1-15-P	93	100	8.04	8.04	1	0	0.00	0.00	0.00
1-16-P	93	100	8.04	8.04	1	2967	0.00	0.00	0.00
1-17-P	93	100	8.04	8.04	1	3448	0.00	0.00	0.00
1-18-P	93	100	8.04	8.04	1	4865	0.00	0.00	0.00
1-19-P	93	100	8.04	8.04	1	3518	0.00	0.00	0.00
1-20-P	93	100	8.04	8.04	1	3045	0.00	0.00	0.00
1-21-P	93	100	8.04	8.04	1	0	0.00	0.00	0.00
1-22-P	93	100	8.04	8.04	1	35	0.00	0.00	0.00
1-23-P	93	100	8.04	8.04	1	99	0.00	0.00	0.00
1-24-P	93	100	8.04	8.04	1	40	0.00	0.00	0.00
1-25-P	93	100	8.04	8.04	1	1740	0.00	0.00	0.00
1-26-P	93	100	8.04	8.04	1	2817	0.00	0.00	0.00
1-27-P	93	100	8.04	8.04	1	3612	0.00	0.00	0.00
1-28-P	93	100	8.04	8.04	1	3877	0.00	0.00	0.00
1-29-P	93	100	8.04	8.04	1	2926	0.00	0.00	0.00
1-30-P	93	100	8.04	8.04	1	2943	0.00	0.00	0.00
1-31-P	93	100	8.04	8.04	1	34	0.00	0.00	0.00
1-32-P	93	100	8.04	8.04	1	61	0.00	0.00	0.00
1-33-P	93	100	8.04	8.04	1	39	0.00	0.00	0.00
1-34-P	93	100	8.04	8.04	1	2	0.00	0.00	0.00
1-35-P	93	100	8.04	8.04	1	2833	0.00	0.00	0.00
1-36-P	93	100	8.04	8.04	1	2970	0.00	0.00	0.00
1-37-P	93	100	8.04	8.04	1	4091	0.00	0.00	0.00
1-38-P	93	100	8.04	8.04	1	3298	0.00	0.00	0.00
1-39-P	93	100	8.04	8.04	1	2725	0.00	0.00	0.00
1-40-P	93	100	8.04	8.04	1	532	0.00	0.00	0.00
1-41-P	93	100	8.04	8.04	1	37	0.00	0.00	0.00
1-42-P	93	100	8.04	8.04	0	122	0.00	0.00	0.00
1-43-P	93	100	8.04	8.04	1	37	0.00	0.00	0.00
1-44-P	93	100	8.04	8.04	1	532	0.00	0.00	0.00
1-45-P	93	100	8.04	8.04	0	0	0.00	0.00	0.00
1-46-P	93	100	8.04	8.04	1	3298	0.00	0.00	0.00
1-47-P	93	100	8.04	8.04	1	4091	0.00	0.00	0.00
1-48-P	93	100	8.04	8.04	1	2970	0.00	0.00	0.00
1-49-P	93	100	8.04	8.04	1	2833	0.00	0.00	0.00
1-50-P	93	100	8.04	8.04	1	2	0.00	0.00	0.00
1-51-P	93	100	8.04	8.04	1	39	0.00	0.00	0.00
1-52-P	93	100	8.04	8.04	1	61	0.00	0.00	0.00
1-53-P	93	100	8.04	8.04	1	34	0.00	0.00	0.00
1-54-P	93	100	8.04	8.04	1	2943	0.00	0.00	0.00
1-55-P	93	100	8.04	8.04	1	2927	0.00	0.00	0.00
1-56-P	93	100	8.04	8.04	1	3879	0.00	0.00	0.00
1-57-P	93	100	8.04	8.04	1	3615	0.00	0.00	0.00
1-58-P	93	100	8.04	8.04	1	2819	0.00	0.00	0.00
1-59-P	93	100	8.04	8.04	1	1741	0.00	0.00	0.00
1-60-P	93	100	8.04	8.04	1	40	0.00	0.00	0.00
1-61-P	93	100	8.04	8.04	1	100	0.00	0.00	0.00
1-62-P	93	100	8.04	8.04	1	36	0.00	0.00	0.00
1-63-P	93	100	8.04	8.04	1	0	0.00	0.00	0.00
1-64-P	93	100	8.04	8.04	1	3053	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-65-P	93	100	8.04	8.04	1	3530	0.00	0.00	0.00
1-66-P	93	100	8.04	8.04	1	4879	0.00	0.00	0.00
1-67-P	93	100	8.04	8.04	1	3460	0.00	0.00	0.00
1-68-P	93	100	8.04	8.04	1	2975	0.00	0.00	0.00
1-69-P	93	100	8.04	8.04	1	0	0.00	0.00	0.00
1-70-P	93	100	8.04	8.04	1	40	0.00	0.00	0.00
1-71-P	93	100	8.04	8.04	1	139	0.00	0.00	0.00
1-72-P	93	100	8.04	8.04	1	78	0.00	0.00	0.00
1-73-P	93	100	8.04	8.04	1	2224	0.00	0.00	0.00
1-74-P	93	100	8.04	8.04	1	3391	0.00	0.00	0.00
1-75-P	93	100	8.04	8.04	1	4114	0.00	0.00	0.00
1-76-P	93	100	8.04	8.04	1	4135	0.00	0.00	0.00
1-77-P	93	100	8.04	8.04	1	2860	0.00	0.00	0.00
1-78-P	93	100	8.04	8.04	1	2840	0.00	0.00	0.00
1-79-P	93	100	8.04	8.04	1	16	0.00	0.00	0.00
1-80-P	93	100	8.04	8.04	1	4	0.00	0.00	0.00
1-81-P	93	100	8.04	8.04	1	14	0.00	0.00	0.00
1-82-P	93	100	8.04	8.04	1	721	0.00	0.00	0.00
1-83-P	93	100	8.04	8.04	1	1322	0.00	0.00	0.00
1-84-P	93	100	8.04	8.04	1	1651	0.00	0.00	0.00
1-85-P	93	100	8.04	8.04	1	446	0.00	0.00	0.00
2-1-P	93	100	8.04	8.04	1	205	0.00	0.00	0.00
2-2-P	93	100	8.04	8.04	1	68	0.00	0.00	0.00
2-3-P	93	100	8.04	8.04	1	51	0.00	0.00	0.00
2-4-P	93	100	8.04	8.04	0	141	0.00	0.00	0.00
2-5-P	93	100	8.04	8.04	0	407	0.00	0.00	0.00
2-6-P	93	100	8.04	8.04	0	1364	0.00	0.00	0.00
2-7-P	93	100	8.04	8.04	8	0	0.00	0.00	0.00
2-8-P	93	100	8.04	8.04	0	3279	0.00	0.00	0.00
2-9-P	93	100	8.04	8.04	1	3166	0.00	0.00	0.00
2-10-P	93	100	8.04	8.04	1	2313	0.00	0.00	0.00
2-11-P	93	100	8.04	8.04	1	1327	0.00	0.00	0.00
2-12-P	93	100	8.04	8.04	1	505	0.00	0.00	0.00
2-13-P	93	100	8.04	8.04	1	256	0.00	0.00	0.00
2-14-P	93	100	8.04	8.04	0	366	0.00	0.00	0.00
2-15-P	93	100	8.04	8.04	0	683	0.00	0.00	0.00
2-16-P	93	100	8.04	8.04	0	1643	0.00	0.00	0.00
2-17-P	93	100	8.04	8.04	0	2494	0.00	0.00	0.00
2-18-P	93	100	8.04	8.04	1	3500	0.00	0.00	0.00
2-19-P	93	100	8.04	8.04	1	2469	0.00	0.00	0.00
2-20-P	93	100	8.04	8.04	1	1638	0.00	0.00	0.00
2-21-P	93	100	8.04	8.04	1	585	0.00	0.00	0.00
2-22-P	93	100	8.04	8.04	1	291	0.00	0.00	0.00
2-23-P	93	100	8.04	8.04	1	183	0.00	0.00	0.00
2-24-P	93	100	8.04	8.04	0	360	0.00	0.00	0.00
2-25-P	93	100	8.04	8.04	0	871	0.00	0.00	0.00
2-26-P	93	100	8.04	8.04	0	1711	0.00	0.00	0.00
2-27-P	93	100	8.04	8.04	0	2611	0.00	0.00	0.00
2-28-P	93	100	8.04	8.04	1	2806	0.00	0.00	0.00
2-29-P	93	100	8.04	8.04	1	1859	0.00	0.00	0.00
2-30-P	93	100	8.04	8.04	1	1249	0.00	0.00	0.00
2-31-P	93	100	8.04	8.04	1	387	0.00	0.00	0.00
2-32-P	93	100	8.04	8.04	1	191	0.00	0.00	0.00
2-33-P	93	100	8.04	8.04	0	225	0.00	0.00	0.00
2-34-P	93	100	8.04	8.04	0	422	0.00	0.00	0.00
2-35-P	93	100	8.04	8.04	0	1295	0.00	0.00	0.00
2-36-P	93	100	8.04	8.04	0	1975	0.00	0.00	0.00
2-37-P	93	100	8.04	8.04	0	2948	0.00	0.00	0.00
2-38-P	93	100	8.04	8.04	1	2339	0.00	0.00	0.00
2-39-P	93	100	8.04	8.04	1	1487	0.00	0.00	0.00
2-40-P	93	100	8.04	8.04	1	606	0.00	0.00	0.00
2-41-P	93	100	8.04	8.04	1	296	0.00	0.00	0.00
2-42-P	93	100	8.04	8.04	1	138	0.00	0.00	0.00
2-43-P	93	100	8.04	8.04	0	296	0.00	0.00	0.00
2-44-P	93	100	8.04	8.04	0	606	0.00	0.00	0.00
2-45-P	93	100	8.04	8.04	0	1486	0.00	0.00	0.00
2-46-P	93	100	8.04	8.04	0	2339	0.00	0.00	0.00
2-47-P	93	100	8.04	8.04	1	2948	0.00	0.00	0.00
2-48-P	93	100	8.04	8.04	1	1975	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2-49-P	93	100	8.04	8.04	1	1295	0.00	0.00	0.00
2-50-P	93	100	8.04	8.04	1	422	0.00	0.00	0.00
2-51-P	93	100	8.04	8.04	1	225	0.00	0.00	0.00
2-52-P	93	100	8.04	8.04	0	191	0.00	0.00	0.00
2-53-P	93	100	8.04	8.04	0	387	0.00	0.00	0.00
2-54-P	93	100	8.04	8.04	8	0	0.00	0.00	0.00
2-55-P	93	100	8.04	8.04	0	1860	0.00	0.00	0.00
2-56-P	93	100	8.04	8.04	0	2807	0.00	0.00	0.00
2-57-P	93	100	8.04	8.04	1	2613	0.00	0.00	0.00
2-58-P	93	100	8.04	8.04	1	1713	0.00	0.00	0.00
2-59-P	93	100	8.04	8.04	1	873	0.00	0.00	0.00
2-60-P	93	100	8.04	8.04	1	360	0.00	0.00	0.00
2-61-P	93	100	8.04	8.04	1	183	0.00	0.00	0.00
2-62-P	93	100	8.04	8.04	0	292	0.00	0.00	0.00
2-63-P	93	100	8.04	8.04	0	587	0.00	0.00	0.00
2-64-P	93	100	8.04	8.04	0	1645	0.00	0.00	0.00
2-65-P	93	100	8.04	8.04	0	2478	0.00	0.00	0.00
2-66-P	93	100	8.04	8.04	0	3511	0.00	0.00	0.00
2-67-P	93	100	8.04	8.04	1	2506	0.00	0.00	0.00
2-68-P	93	100	8.04	8.04	1	1655	0.00	0.00	0.00
2-69-P	93	100	8.04	8.04	1	689	0.00	0.00	0.00
2-70-P	93	100	8.04	8.04	1	371	0.00	0.00	0.00
2-71-P	93	100	8.04	8.04	0	261	0.00	0.00	0.00
2-72-P	93	100	8.04	8.04	0	512	0.00	0.00	0.00
2-73-P	93	100	8.04	8.04	0	1349	0.00	0.00	0.00
2-74-P	93	100	8.04	8.04	0	2343	0.00	0.00	0.00
2-75-P	93	100	8.04	8.04	0	3199	0.00	0.00	0.00
2-76-P	93	100	8.04	8.04	1	3311	0.00	0.00	0.00
2-77-P	93	100	8.04	8.04	1	2216	0.00	0.00	0.00
2-78-P	93	100	8.04	8.04	1	1383	0.00	0.00	0.00
2-79-P	93	100	8.04	8.04	1	422	0.00	0.00	0.00
2-80-P	93	100	8.04	8.04	1	153	0.00	0.00	0.00
2-81-P	93	100	8.04	8.04	1	99	0.00	0.00	0.00
2-82-P	93	100	8.04	8.04	1	96	0.00	0.00	0.00
2-83-P	93	100	8.04	8.04	0	235	0.00	0.00	0.00
2-84-P	93	100	8.04	8.04	0	428	0.00	0.00	0.00
2-85-P	93	100	8.04	8.04	0	6390	0.00	0.00	0.00
3-1-P	93	100	8.04	8.04	0	6181	0.00	0.00	0.00
3-2-P	93	100	8.04	8.04	0	4717	0.00	0.00	0.00
3-3-P	93	100	8.04	8.04	0	6800	0.00	0.00	0.00
3-4-P	93	100	8.04	8.04	0	7517	0.00	0.00	0.00
3-5-P	93	100	8.04	8.04	0	7985	0.00	0.00	0.00
3-6-P	93	100	8.04	8.04	0	8453	0.00	0.00	0.00
3-7-P	93	100	8.04	8.04	1	8597	0.00	0.00	0.00
3-8-P	93	100	8.04	8.04	1	8741	0.00	0.00	0.00
3-9-P	93	100	8.04	8.04	1	8672	0.00	0.00	0.00
3-10-P	93	100	8.04	8.04	1	8461	0.00	0.00	0.00
3-11-P	93	100	8.04	8.04	1	8236	0.00	0.00	0.00
3-12-P	93	100	8.04	8.04	1	7956	0.00	0.00	0.00
3-13-P	93	100	8.04	8.04	1	7675	0.00	0.00	0.00
3-14-P	93	100	8.04	8.04	1	7744	0.00	0.00	0.00
3-15-P	93	100	8.04	8.04	1	7901	0.00	0.00	0.00
3-16-P	93	100	8.04	8.04	1	0	0.00	0.00	0.00
3-17-P	93	100	8.04	8.04	1	8136	0.00	0.00	0.00
3-18-P	93	100	8.04	8.04	1	8237	0.00	0.00	0.00
3-19-P	93	100	8.04	8.04	1	8061	0.00	0.00	0.00
3-20-P	93	100	8.04	8.04	1	7885	0.00	0.00	0.00
3-21-P	93	100	8.04	8.04	1	7672	0.00	0.00	0.00
3-22-P	93	100	8.04	8.04	1	7436	0.00	0.00	0.00
3-23-P	93	100	8.04	8.04	1	7287	0.00	0.00	0.00
3-24-P	93	100	8.04	8.04	1	7485	0.00	0.00	0.00
3-25-P	93	100	8.04	8.04	0	7683	0.00	0.00	0.00
3-26-P	93	100	8.04	8.04	0	7830	0.00	0.00	0.00
3-27-P	93	100	8.04	8.04	1	7964	0.00	0.00	0.00
3-28-P	93	100	8.04	8.04	1	7984	0.00	0.00	0.00
3-29-P	93	100	8.04	8.04	1	7833	0.00	0.00	0.00
3-30-P	93	100	8.04	8.04	1	7681	0.00	0.00	0.00
3-31-P	93	100	8.04	8.04	1	7464	0.00	0.00	0.00
3-32-P	93	100	8.04	8.04	1	7246	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
3-33-P	93	100	8.04	8.04	0	7285	0.00	0.00	0.00
3-34-P	93	100	8.04	8.04	0	7496	0.00	0.00	0.00
3-35-P	93	100	8.04	8.04	0	7693	0.00	0.00	0.00
3-36-P	93	100	8.04	8.04	0	7836	0.00	0.00	0.00
3-37-P	93	100	8.04	8.04	0	7979	0.00	0.00	0.00
3-38-P	93	100	8.04	8.04	1	7891	0.00	0.00	0.00
3-39-P	93	100	8.04	8.04	1	7746	0.00	0.00	0.00
3-40-P	93	100	8.04	8.04	1	7573	0.00	0.00	0.00
3-41-P	93	100	8.04	8.04	1	7359	0.00	0.00	0.00
3-42-P	93	100	8.04	8.04	1	7146	0.00	0.00	0.00
3-43-P	93	100	8.04	8.04	0	7359	0.00	0.00	0.00
3-44-P	93	100	8.04	8.04	0	7573	0.00	0.00	0.00
3-45-P	93	100	8.04	8.04	0	7746	0.00	0.00	0.00
3-46-P	93	100	8.04	8.04	0	7891	0.00	0.00	0.00
3-47-P	93	100	8.04	8.04	1	7979	0.00	0.00	0.00
3-48-P	93	100	8.04	8.04	1	7836	0.00	0.00	0.00
3-49-P	93	100	8.04	8.04	1	7693	0.00	0.00	0.00
3-50-P	93	100	8.04	8.04	1	7496	0.00	0.00	0.00
3-51-P	93	100	8.04	8.04	1	7285	0.00	0.00	0.00
3-52-P	93	100	8.04	8.04	0	7246	0.00	0.00	0.00
3-53-P	93	100	8.04	8.04	0	7464	0.00	0.00	0.00
3-54-P	93	100	8.04	8.04	0	7682	0.00	0.00	0.00
3-55-P	93	100	8.04	8.04	0	7833	0.00	0.00	0.00
3-56-P	93	100	8.04	8.04	0	7984	0.00	0.00	0.00
3-57-P	93	100	8.04	8.04	1	7964	0.00	0.00	0.00
3-58-P	93	100	8.04	8.04	1	7831	0.00	0.00	0.00
3-59-P	93	100	8.04	8.04	1	7684	0.00	0.00	0.00
3-60-P	93	100	8.04	8.04	1	7486	0.00	0.00	0.00
3-61-P	93	100	8.04	8.04	0	7289	0.00	0.00	0.00
3-62-P	93	100	8.04	8.04	0	7438	0.00	0.00	0.00
3-63-P	93	100	8.04	8.04	8	0	0.00	0.00	0.00
3-64-P	93	100	8.04	8.04	0	7888	0.00	0.00	0.00
3-65-P	93	100	8.04	8.04	0	8065	0.00	0.00	0.00
3-66-P	93	100	8.04	8.04	0	8242	0.00	0.00	0.00
3-67-P	93	100	8.04	8.04	1	8143	0.00	0.00	0.00
3-68-P	93	100	8.04	8.04	1	8044	0.00	0.00	0.00
3-69-P	93	100	8.04	8.04	1	7911	0.00	0.00	0.00
3-70-P	93	100	8.04	8.04	1	7757	0.00	0.00	0.00
3-71-P	93	100	8.04	8.04	0	7690	0.00	0.00	0.00
3-72-P	93	100	8.04	8.04	0	7974	0.00	0.00	0.00
3-73-P	93	100	8.04	8.04	0	8258	0.00	0.00	0.00
3-74-P	93	100	8.04	8.04	0	8486	0.00	0.00	0.00
3-75-P	93	100	8.04	8.04	0	8700	0.00	0.00	0.00
3-76-P	93	100	8.04	8.04	1	8769	0.00	0.00	0.00
3-77-P	93	100	8.04	8.04	1	8621	0.00	0.00	0.00
3-78-P	93	100	8.04	8.04	1	8472	0.00	0.00	0.00
3-79-P	93	100	8.04	8.04	1	7892	0.00	0.00	0.00
3-80-P	93	100	8.04	8.04	1	7312	0.00	0.00	0.00
3-81-P	93	100	8.04	8.04	1	6413	0.00	0.00	0.00
3-82-P	93	100	8.04	8.04	1	5302	0.00	0.00	0.00
3-83-P	93	100	8.04	8.04	1	4215	0.00	0.00	0.00
3-84-P	93	100	8.04	8.04	1	3135	0.00	0.00	0.00
3-85-P	93	100	8.04	8.04	1	0	0.00	0.00	0.00
5-1-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-2-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-3-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-4-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-5-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-6-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-7-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-8-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-9-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-10-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-11-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-12-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-13-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-14-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-15-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-16-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-17-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-18-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-19-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-20-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-21-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-22-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-23-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-24-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-25-P	10	100	4.02	4.02	0	1	0.00	0.00	0.00
5-26-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-27-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-28-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-29-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-30-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-31-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-32-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-33-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-34-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-35-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-36-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-37-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-38-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-39-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-40-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-41-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-42-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-43-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-44-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-45-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-46-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-47-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-48-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-49-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-50-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-51-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-52-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-53-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-54-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-55-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-56-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-57-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-58-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-59-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-60-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-61-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-62-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-63-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-64-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-65-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-66-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-67-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-68-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-69-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-70-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-71-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-72-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-73-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-74-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-75-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-76-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-77-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-78-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-79-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-80-P	10	100	4.02	4.02	1	0	0.00	0.00	0.00
5-81-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-82-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-83-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-84-P	10	100	4.02	4.02	0	0	0.00	0.00	0.00
5-85-P	10	100	4.02	4.02	1	7410	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
6-1-S	100	100	18.85	8.04	1	768	0.00	0.00	0.00
6-2-S	100	100	18.85	8.04	1	199	0.00	0.00	0.00
6-3-S	100	100	18.85	8.04	0	391	0.00	0.00	0.00
6-4-S	100	100	18.85	8.04	0	148	0.00	0.00	0.00
6-5-S	100	100	18.85	8.04	0	5	0.00	0.00	0.00
6-6-S	100	100	18.85	8.04	0	53	0.00	0.00	0.00
6-7-S	100	100	18.85	8.04	0	3359	0.00	0.00	0.00
6-8-S	100	100	18.85	8.04	0	12595	0.00	0.00	0.00
6-9-S	100	100	18.85	8.04	0	21605	0.00	0.00	0.00
6-10-S	100	100	18.85	8.04	0	30566	0.00	0.00	0.00
6-11-S	100	100	18.85	8.04	0	39501	0.00	0.00	0.00
6-12-S	100	100	18.85	8.04	0	48495	0.00	0.00	0.00
6-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
6-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
6-15-S	100	100	18.85	8.04	1	2774	0.00	0.00	0.00
7-1-S	100	100	18.85	8.04	1	59	0.00	0.00	0.00
7-2-S	100	100	18.85	8.04	1	333	0.00	0.00	0.00
7-3-S	100	100	18.85	8.04	0	529	0.00	0.00	0.00
7-4-S	100	100	18.85	8.04	0	221	0.00	0.00	0.00
7-5-S	100	100	18.85	8.04	0	12	0.00	0.00	0.00
7-6-S	100	100	18.85	8.04	0	606	0.00	0.00	0.00
7-7-S	100	100	18.85	8.04	0	5737	0.00	0.00	0.00
7-8-S	100	100	18.85	8.04	0	13731	0.00	0.00	0.00
7-9-S	100	100	18.85	8.04	0	21877	0.00	0.00	0.00
7-10-S	100	100	18.85	8.04	0	30036	0.00	0.00	0.00
7-11-S	100	100	18.85	8.04	0	38170	0.00	0.00	0.00
7-12-S	100	100	18.85	8.04	0	46223	0.00	0.00	0.00
7-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
7-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
7-15-S	100	100	18.85	8.04	1	717	0.00	0.00	0.00
8-1-S	100	100	18.85	8.04	1	221	0.00	0.00	0.00
8-2-S	100	100	18.85	8.04	1	527	0.00	0.00	0.00
8-3-S	100	100	18.85	8.04	0	693	0.00	0.00	0.00
8-4-S	100	100	18.85	8.04	1	1	0.00	0.00	0.00
8-5-S	100	100	18.85	8.04	0	159	0.00	0.00	0.00
8-6-S	100	100	18.85	8.04	0	1268	0.00	0.00	0.00
8-7-S	100	100	18.85	8.04	0	7115	0.00	0.00	0.00
8-8-S	100	100	18.85	8.04	0	13900	0.00	0.00	0.00
8-9-S	100	100	18.85	8.04	0	21458	0.00	0.00	0.00
8-10-S	100	100	18.85	8.04	0	29086	0.00	0.00	0.00
8-11-S	100	100	18.85	8.04	0	36686	0.00	0.00	0.00
8-12-S	100	100	18.85	8.04	0	44164	0.00	0.00	0.00
8-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
8-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
8-15-S	100	100	18.85	8.04	1	10107	0.00	0.00	0.00
9-1-S	100	100	18.85	8.04	1	492	0.00	0.00	0.00
9-2-S	100	100	18.85	8.04	1	162	0.00	0.00	0.00
9-3-S	100	100	18.85	8.04	0	264	0.00	0.00	0.00
9-4-S	100	100	18.85	8.04	0	113	0.00	0.00	0.00
9-5-S	100	100	18.85	8.04	0	7	0.00	0.00	0.00
9-6-S	100	100	18.85	8.04	0	79	0.00	0.00	0.00
9-7-S	100	100	18.85	8.04	0	2941	0.00	0.00	0.00
9-8-S	100	100	18.85	8.04	0	12659	0.00	0.00	0.00
9-9-S	100	100	18.85	8.04	0	20578	0.00	0.00	0.00
9-10-S	100	100	18.85	8.04	0	28314	0.00	0.00	0.00
9-11-S	100	100	18.85	8.04	0	35933	0.00	0.00	0.00
9-12-S	100	100	18.85	8.04	0	43186	0.00	0.00	0.00
9-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
9-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
9-15-S	100	100	18.85	8.04	1	588	0.00	0.00	0.00
10-1-S	100	100	15.71	8.04	1	245	0.00	0.00	0.00
10-2-S	100	100	15.71	8.04	1	439	0.00	0.00	0.00
10-3-S	100	100	15.71	8.04	0	587	0.00	0.00	0.00
10-4-S	100	100	15.71	8.04	0	310	0.00	0.00	0.00
10-5-S	100	100	15.71	8.04	0	73	0.00	0.00	0.00
10-6-S	100	100	15.71	8.04	0	1374	0.00	0.00	0.00
10-7-S	100	100	15.71	8.04	0	7356	0.00	0.00	0.00
10-8-S	100	100	15.71	8.04	0	13338	0.00	0.00	0.00
10-9-S	100	100	15.71	8.04	0	20509	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
10-10-S	100	100	15.71	8.04	0	27790	0.00	0.00	0.00
10-11-S	100	100	15.71	8.04	0	35049	0.00	0.00	0.00
10-12-S	100	100	15.71	8.04	0	42220	0.00	0.00	0.00
10-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
10-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
10-15-S	100	100	15.71	8.04	1	10135	0.00	0.00	0.00
11-1-S	100	100	15.71	8.04	1	487	0.00	0.00	0.00
11-2-S	100	100	15.71	8.04	1	185	0.00	0.00	0.00
11-3-S	100	100	15.71	8.04	0	295	0.00	0.00	0.00
11-4-S	100	100	15.71	8.04	0	138	0.00	0.00	0.00
11-5-S	100	100	15.71	8.04	0	15	0.00	0.00	0.00
11-6-S	100	100	15.71	8.04	19	0	0.00	0.00	0.00
11-7-S	100	100	15.71	8.04	0	2601	0.00	0.00	0.00
11-8-S	100	100	15.71	8.04	0	12108	0.00	0.00	0.00
11-9-S	100	100	15.71	8.04	0	19910	0.00	0.00	0.00
11-10-S	100	100	15.71	8.04	0	27529	0.00	0.00	0.00
11-11-S	100	100	15.71	8.04	0	35032	0.00	0.00	0.00
11-12-S	100	100	15.71	8.04	0	42178	0.00	0.00	0.00
11-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
11-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
11-15-S	100	100	15.71	8.04	1	624	0.00	0.00	0.00
12-1-S	100	100	15.71	8.04	1	143	0.00	0.00	0.00
12-2-S	100	100	15.71	8.04	1	424	0.00	0.00	0.00
12-3-S	100	100	15.71	8.04	0	561	0.00	0.00	0.00
12-4-S	100	100	15.71	8.04	0	316	0.00	0.00	0.00
12-5-S	100	100	15.71	8.04	0	35	0.00	0.00	0.00
12-6-S	100	100	15.71	8.04	0	810	0.00	0.00	0.00
12-7-S	100	100	15.71	8.04	0	6319	0.00	0.00	0.00
12-8-S	100	100	15.71	8.04	0	12845	0.00	0.00	0.00
12-9-S	100	100	15.71	8.04	0	20078	0.00	0.00	0.00
12-10-S	100	100	15.71	8.04	0	27376	0.00	0.00	0.00
12-11-S	100	100	15.71	8.04	0	34642	0.00	0.00	0.00
12-12-S	100	100	15.71	8.04	0	41786	0.00	0.00	0.00
12-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
12-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
12-15-S	100	100	15.71	8.04	1	2545	0.00	0.00	0.00
13-1-S	100	100	15.71	8.04	1	96	0.00	0.00	0.00
13-2-S	100	100	15.71	8.04	1	391	0.00	0.00	0.00
13-3-S	100	100	15.71	8.04	0	577	0.00	0.00	0.00
13-4-S	100	100	15.71	8.04	0	277	0.00	0.00	0.00
13-5-S	100	100	15.71	8.04	0	43	0.00	0.00	0.00
13-6-S	100	100	15.71	8.04	0	427	0.00	0.00	0.00
13-7-S	100	100	15.71	8.04	0	4992	0.00	0.00	0.00
13-8-S	100	100	15.71	8.04	0	12519	0.00	0.00	0.00
13-9-S	100	100	15.71	8.04	0	19924	0.00	0.00	0.00
13-10-S	100	100	15.71	8.04	0	27317	0.00	0.00	0.00
13-11-S	100	100	15.71	8.04	0	34653	0.00	0.00	0.00
13-12-S	100	100	15.71	8.04	0	41801	0.00	0.00	0.00
13-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
13-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
13-15-S	100	100	15.71	8.04	1	7631	0.00	0.00	0.00
14-1-S	100	100	15.71	8.04	1	509	0.00	0.00	0.00
14-2-S	100	100	15.71	8.04	1	311	0.00	0.00	0.00
14-3-S	100	100	15.71	8.04	0	484	0.00	0.00	0.00
14-4-S	100	100	15.71	8.04	0	223	0.00	0.00	0.00
14-5-S	100	100	15.71	8.04	0	22	0.00	0.00	0.00
14-6-S	100	100	15.71	8.04	0	165	0.00	0.00	0.00
14-7-S	100	100	15.71	8.04	0	3552	0.00	0.00	0.00
14-8-S	100	100	15.71	8.04	16	0	0.00	0.00	0.00
14-9-S	100	100	15.71	8.04	0	19754	0.00	0.00	0.00
14-10-S	100	100	15.71	8.04	0	27278	0.00	0.00	0.00
14-11-S	100	100	15.71	8.04	0	34708	0.00	0.00	0.00
14-12-S	100	100	15.71	8.04	0	41858	0.00	0.00	0.00
14-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
14-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
14-15-S	100	100	15.71	8.04	1	581	0.00	0.00	0.00
15-1-S	100	100	15.71	8.04	1	178	0.00	0.00	0.00
15-2-S	100	100	15.71	8.04	1	496	0.00	0.00	0.00
15-3-S	100	100	15.71	8.04	0	724	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
15-4-S	100	100	15.71	8.04	0	362	0.00	0.00	0.00
15-5-S	100	100	15.71	8.04	0	45	0.00	0.00	0.00
15-6-S	100	100	15.71	8.04	0	989	0.00	0.00	0.00
15-7-S	100	100	15.71	8.04	0	6877	0.00	0.00	0.00
15-8-S	100	100	15.71	8.04	0	12856	0.00	0.00	0.00
15-9-S	100	100	15.71	8.04	0	19995	0.00	0.00	0.00
15-10-S	100	100	15.71	8.04	0	27241	0.00	0.00	0.00
15-11-S	100	100	15.71	8.04	0	34469	0.00	0.00	0.00
15-12-S	100	100	15.71	8.04	0	41620	0.00	0.00	0.00
15-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
15-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
15-15-S	100	100	15.71	8.04	0	10151	0.00	0.00	0.00
16-1-S	100	100	15.71	10.05	0	460	0.00	0.00	0.00
16-2-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-3-S	100	100	15.71	10.05	0	6	0.00	0.00	0.00
16-4-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-5-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-6-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-7-S	100	100	15.71	10.05	0	1881	0.00	0.00	0.00
16-8-S	100	100	15.71	10.05	0	11733	0.00	0.00	0.00
16-9-S	100	100	15.71	10.05	0	19595	0.00	0.00	0.00
16-10-S	100	100	15.71	10.05	0	27243	0.00	0.00	0.00
16-11-S	100	100	15.71	10.05	0	34768	0.00	0.00	0.00
16-12-S	100	100	15.71	10.05	0	41919	0.00	0.00	0.00
16-13-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-14-S	100	100	15.71	10.05	0	0	0.00	0.00	0.00
16-15-S	100	100	15.71	10.05	1	581	0.00	0.00	0.00
17-1-S	100	100	15.71	8.04	1	178	0.00	0.00	0.00
17-2-S	100	100	15.71	8.04	1	496	0.00	0.00	0.00
17-3-S	100	100	15.71	8.04	0	724	0.00	0.00	0.00
17-4-S	100	100	15.71	8.04	0	362	0.00	0.00	0.00
17-5-S	100	100	15.71	8.04	0	45	0.00	0.00	0.00
17-6-S	100	100	15.71	8.04	0	989	0.00	0.00	0.00
17-7-S	100	100	15.71	8.04	0	6876	0.00	0.00	0.00
17-8-S	100	100	15.71	8.04	0	12856	0.00	0.00	0.00
17-9-S	100	100	15.71	8.04	0	19994	0.00	0.00	0.00
17-10-S	100	100	15.71	8.04	16	0	0.00	0.00	0.00
17-11-S	100	100	15.71	8.04	0	34468	0.00	0.00	0.00
17-12-S	100	100	15.71	8.04	0	41620	0.00	0.00	0.00
17-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
17-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
17-15-S	100	100	15.71	8.04	1	7631	0.00	0.00	0.00
18-1-S	100	100	15.71	8.04	1	510	0.00	0.00	0.00
18-2-S	100	100	15.71	8.04	1	311	0.00	0.00	0.00
18-3-S	100	100	15.71	8.04	0	484	0.00	0.00	0.00
18-4-S	100	100	15.71	8.04	0	223	0.00	0.00	0.00
18-5-S	100	100	15.71	8.04	0	22	0.00	0.00	0.00
18-6-S	100	100	15.71	8.04	0	165	0.00	0.00	0.00
18-7-S	100	100	15.71	8.04	0	3552	0.00	0.00	0.00
18-8-S	100	100	15.71	8.04	0	12115	0.00	0.00	0.00
18-9-S	100	100	15.71	8.04	0	19753	0.00	0.00	0.00
18-10-S	100	100	15.71	8.04	0	27277	0.00	0.00	0.00
18-11-S	100	100	15.71	8.04	0	34708	0.00	0.00	0.00
18-12-S	100	100	15.71	8.04	0	41857	0.00	0.00	0.00
18-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
18-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
18-15-S	100	100	15.71	8.04	1	2546	0.00	0.00	0.00
19-1-S	100	100	15.71	8.04	1	97	0.00	0.00	0.00
19-2-S	100	100	15.71	8.04	1	391	0.00	0.00	0.00
19-3-S	100	100	15.71	8.04	0	578	0.00	0.00	0.00
19-4-S	100	100	15.71	8.04	0	277	0.00	0.00	0.00
19-5-S	100	100	15.71	8.04	0	43	0.00	0.00	0.00
19-6-S	100	100	15.71	8.04	0	427	0.00	0.00	0.00
19-7-S	100	100	15.71	8.04	0	4992	0.00	0.00	0.00
19-8-S	100	100	15.71	8.04	0	12519	0.00	0.00	0.00
19-9-S	100	100	15.71	8.04	0	19924	0.00	0.00	0.00
19-10-S	100	100	15.71	8.04	0	27317	0.00	0.00	0.00
19-11-S	100	100	15.71	8.04	0	34653	0.00	0.00	0.00
19-12-S	100	100	15.71	8.04	0	41800	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
19-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
19-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
19-15-S	100	100	15.71	8.04	1	624	0.00	0.00	0.00
20-1-S	100	100	15.71	8.04	1	143	0.00	0.00	0.00
20-2-S	100	100	15.71	8.04	1	424	0.00	0.00	0.00
20-3-S	100	100	15.71	8.04	0	561	0.00	0.00	0.00
20-4-S	100	100	15.71	8.04	0	316	0.00	0.00	0.00
20-5-S	100	100	15.71	8.04	0	35	0.00	0.00	0.00
20-6-S	100	100	15.71	8.04	0	811	0.00	0.00	0.00
20-7-S	100	100	15.71	8.04	0	6321	0.00	0.00	0.00
20-8-S	100	100	15.71	8.04	0	12847	0.00	0.00	0.00
20-9-S	100	100	15.71	8.04	0	20079	0.00	0.00	0.00
20-10-S	100	100	15.71	8.04	0	27376	0.00	0.00	0.00
20-11-S	100	100	15.71	8.04	0	34642	0.00	0.00	0.00
20-12-S	100	100	15.71	8.04	16	0	0.00	0.00	0.00
20-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
20-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
20-15-S	100	100	15.71	8.04	1	10137	0.00	0.00	0.00
21-1-S	100	100	15.71	8.04	1	487	0.00	0.00	0.00
21-2-S	100	100	15.71	8.04	1	186	0.00	0.00	0.00
21-3-S	100	100	15.71	8.04	0	296	0.00	0.00	0.00
21-4-S	100	100	15.71	8.04	0	138	0.00	0.00	0.00
21-5-S	100	100	15.71	8.04	0	16	0.00	0.00	0.00
21-6-S	100	100	15.71	8.04	0	112	0.00	0.00	0.00
21-7-S	100	100	15.71	8.04	0	2604	0.00	0.00	0.00
21-8-S	100	100	15.71	8.04	0	12112	0.00	0.00	0.00
21-9-S	100	100	15.71	8.04	0	19914	0.00	0.00	0.00
21-10-S	100	100	15.71	8.04	0	27532	0.00	0.00	0.00
21-11-S	100	100	15.71	8.04	0	35034	0.00	0.00	0.00
21-12-S	100	100	15.71	8.04	0	42180	0.00	0.00	0.00
21-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
21-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
21-15-S	100	100	15.71	8.04	1	589	0.00	0.00	0.00
22-1-S	100	100	15.71	8.04	1	246	0.00	0.00	0.00
22-2-S	100	100	15.71	8.04	1	440	0.00	0.00	0.00
22-3-S	100	100	15.71	8.04	0	588	0.00	0.00	0.00
22-4-S	100	100	15.71	8.04	0	311	0.00	0.00	0.00
22-5-S	100	100	15.71	8.04	0	74	0.00	0.00	0.00
22-6-S	100	100	15.71	8.04	0	1382	0.00	0.00	0.00
22-7-S	100	100	15.71	8.04	0	7365	0.00	0.00	0.00
22-8-S	100	100	15.71	8.04	0	13348	0.00	0.00	0.00
22-9-S	100	100	15.71	8.04	0	20519	0.00	0.00	0.00
22-10-S	100	100	15.71	8.04	0	27800	0.00	0.00	0.00
22-11-S	100	100	15.71	8.04	0	35059	0.00	0.00	0.00
22-12-S	100	100	15.71	8.04	0	42229	0.00	0.00	0.00
22-13-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
22-14-S	100	100	15.71	8.04	0	0	0.00	0.00	0.00
22-15-S	100	100	15.71	8.04	1	10108	0.00	0.00	0.00
23-1-S	100	100	18.85	8.04	1	493	0.00	0.00	0.00
23-2-S	100	100	18.85	8.04	1	162	0.00	0.00	0.00
23-3-S	100	100	18.85	8.04	0	263	0.00	0.00	0.00
23-4-S	100	100	18.85	8.04	0	113	0.00	0.00	0.00
23-5-S	100	100	18.85	8.04	0	7	0.00	0.00	0.00
23-6-S	100	100	18.85	8.04	0	79	0.00	0.00	0.00
23-7-S	100	100	18.85	8.04	0	2954	0.00	0.00	0.00
23-8-S	100	100	18.85	8.04	0	12679	0.00	0.00	0.00
23-9-S	100	100	18.85	8.04	0	20600	0.00	0.00	0.00
23-10-S	100	100	18.85	8.04	0	28338	0.00	0.00	0.00
23-11-S	100	100	18.85	8.04	0	35959	0.00	0.00	0.00
23-12-S	100	100	18.85	8.04	0	43213	0.00	0.00	0.00
23-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
23-14-S	100	100	18.85	8.04	16	0	0.00	0.00	0.00
23-15-S	100	100	18.85	8.04	1	720	0.00	0.00	0.00
24-1-S	100	100	18.85	8.04	1	224	0.00	0.00	0.00
24-2-S	100	100	18.85	8.04	1	530	0.00	0.00	0.00
24-3-S	100	100	18.85	8.04	0	698	0.00	0.00	0.00
24-4-S	100	100	18.85	8.04	0	463	0.00	0.00	0.00
24-5-S	100	100	18.85	8.04	0	164	0.00	0.00	0.00
24-6-S	100	100	18.85	8.04	0	1281	0.00	0.00	0.00

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
24-7-S	100	100	18.85	8.04	0	7139	0.00	0.00	0.00
24-8-S	100	100	18.85	8.04	0	13931	0.00	0.00	0.00
24-9-S	100	100	18.85	8.04	0	21498	0.00	0.00	0.00
24-10-S	100	100	18.85	8.04	0	29136	0.00	0.00	0.00
24-11-S	100	100	18.85	8.04	0	36746	0.00	0.00	0.00
24-12-S	100	100	18.85	8.04	0	44235	0.00	0.00	0.00
24-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
24-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
24-15-S	100	100	18.85	8.04	1	2773	0.00	0.00	0.00
25-1-S	100	100	18.85	8.04	1	58	0.00	0.00	0.00
25-2-S	100	100	18.85	8.04	1	332	0.00	0.00	0.00
25-3-S	100	100	18.85	8.04	0	528	0.00	0.00	0.00
25-4-S	100	100	18.85	8.04	0	219	0.00	0.00	0.00
25-5-S	100	100	18.85	8.04	0	11	0.00	0.00	0.00
25-6-S	100	100	18.85	8.04	0	613	0.00	0.00	0.00
25-7-S	100	100	18.85	8.04	0	5760	0.00	0.00	0.00
25-8-S	100	100	18.85	8.04	0	13755	0.00	0.00	0.00
25-9-S	100	100	18.85	8.04	0	21920	0.00	0.00	0.00
25-10-S	100	100	18.85	8.04	0	30098	0.00	0.00	0.00
25-11-S	100	100	18.85	8.04	0	38269	0.00	0.00	0.00
25-12-S	100	100	18.85	8.04	0	46416	0.00	0.00	0.00
25-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
25-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
25-15-S	100	100	18.85	8.04	1	7407	0.00	0.00	0.00
26-1-S	100	100	18.85	8.04	1	766	0.00	0.00	0.00
26-2-S	100	100	18.85	8.04	1	201	0.00	0.00	0.00
26-3-S	100	100	18.85	8.04	0	389	0.00	0.00	0.00
26-4-S	100	100	18.85	8.04	0	137	0.00	0.00	0.00
26-5-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
26-6-S	100	100	18.85	8.04	0	61	0.00	0.00	0.00
26-7-S	100	100	18.85	8.04	0	3499	0.00	0.00	0.00
26-8-S	100	100	18.85	8.04	0	12931	0.00	0.00	0.00
26-9-S	100	100	18.85	8.04	0	21651	0.00	0.00	0.00
26-10-S	100	100	18.85	8.04	0	30272	0.00	0.00	0.00
26-11-S	100	100	18.85	8.04	0	39091	0.00	0.00	0.00
26-12-S	100	100	18.85	8.04	0	48607	0.00	0.00	0.00
26-13-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
26-14-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00
26-15-S	100	100	18.85	8.04	0	0	0.00	0.00	0.00

Pali in c.a.

Combinazione n° 15 - SLEQ

Y	A_f	σ_c	σ_f	τ_c	σ_{stf}
[m]	[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
0.00	116.80	56.48	1113.70		
0.00	116.80	57.52	856.75		

Verifica a fessurazione

Simbologia adottata

n° indice sezione
Y ordinata sezione espressa in [m]
B larghezza sezione espresso in [cm]
H altezza sezione espressa in [cm]
Af area ferri zona tesa espresso in [cmq]
Aeff area efficace espressa in [cmq]
M momento agente espressa in [kgm]
Mpf momento di prima fessurazione espressa in [kgm]
ε deformazione espresso in %
Sm spaziatura tra le fessure espressa in [mm]

w apertura delle fessure espressa in [mm]

Combinazioni SLEF

Paramento

Combinazione n° 14 - SLEF

Apertura limite fessure w_{lim}=0.40

n°	Y	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1	0.00	100	40	0.00	0.00	0	0	0.000000	0.00	0.000
2	-0.27	100	42	0.00	0.00	-1	-641	0.000000	0.00	0.000
3	-0.55	100	43	0.00	0.00	-5	-1396	0.000000	0.00	0.000
4	-0.82	100	45	0.00	0.00	-11	-2272	0.000000	0.00	0.000
5	-1.10	100	47	0.00	0.00	-20	-3278	0.000000	0.00	0.000
6	-1.37	100	48	0.00	0.00	-31	-4423	0.000000	0.00	0.000
7	-1.65	100	50	0.00	0.00	-45	-5715	0.000000	0.00	0.000
8	-1.92	100	52	0.00	0.00	-62	-7162	0.000000	0.00	0.000
9	-2.20	100	53	0.00	0.00	-82	-8774	0.000000	0.00	0.000
10	-2.47	100	55	0.00	0.00	-104	-10357	0.000000	0.00	0.000
11	-2.75	100	57	0.00	0.00	-119	-10628	0.000000	0.00	0.000
12	-3.02	100	59	0.00	0.00	-111	-8280	0.000000	0.00	0.000
13	-3.30	100	60	0.00	0.00	-65	-3773	0.000000	0.00	0.000
14	-3.57	100	62	0.00	0.00	34	1693	0.000000	0.00	0.000
15	-3.85	100	64	0.00	0.00	203	13657	0.000000	0.00	0.000
16	-4.13	100	65	0.00	0.00	457	66941	0.000000	0.00	0.000
17	-4.40	100	67	0.00	0.00	812	199633	0.000000	0.00	0.000
18	-4.67	100	69	12.57	1010.53	1282	71519	0.000000	0.00	0.000
19	-4.95	100	70	12.57	1648.37	1885	54082	0.000000	0.00	0.000
20	-5.22	100	72	12.57	2086.39	2636	48007	0.000000	0.00	0.000
21	-5.50	100	74	12.57	2377.16	3550	45452	0.000000	0.00	0.000

Piastra fondazione

Combinazione n° 14 - SLEF

Apertura limite fessure w_{lim}=0.40

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-1-P	93	100	0.00	0.00	1682	0	0.000000	0.00	-1000.000
1-2-P	93	100	0.00	0.00	914	0	0.000000	0.00	-1000.000
1-3-P	93	100	0.00	0.00	18	0	0.000000	0.00	-1000.000
1-4-P	93	100	0.00	0.00	5	0	0.000000	0.00	-1000.000
1-5-P	93	100	0.00	0.00	19	0	0.000000	0.00	-1000.000
1-6-P	93	100	0.00	0.00	3589	0	0.000000	0.00	-1000.000
1-7-P	93	100	0.00	0.00	3629	0	0.000000	0.00	-1000.000
1-8-P	93	100	0.00	0.00	5293	0	0.000000	0.00	-1000.000
1-9-P	93	100	0.00	0.00	5275	0	0.000000	0.00	-1000.000
1-10-P	93	100	0.00	0.00	4343	0	0.000000	0.00	-1000.000
1-11-P	93	100	0.00	0.00	2853	0	0.000000	0.00	-1000.000
1-12-P	93	100	0.00	0.00	96	0	0.000000	0.00	-1000.000
1-13-P	93	100	0.00	0.00	165	0	0.000000	0.00	-1000.000
1-14-P	93	100	0.00	0.00	45	0	0.000000	0.00	-1000.000
1-15-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-16-P	93	100	0.00	0.00	3851	0	0.000000	0.00	-1000.000
1-17-P	93	100	0.00	0.00	4512	0	0.000000	0.00	-1000.000
1-18-P	93	100	0.00	0.00	6357	0	0.000000	0.00	-1000.000
1-19-P	93	100	0.00	0.00	4608	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-20-P	93	100	0.00	0.00	3962	0	0.000000	0.00	-1000.000
1-21-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-22-P	93	100	0.00	0.00	43	0	0.000000	0.00	-1000.000
1-23-P	93	100	0.00	0.00	119	0	0.000000	0.00	-1000.000
1-24-P	93	100	0.00	0.00	50	0	0.000000	0.00	-1000.000
1-25-P	93	100	0.00	0.00	2275	0	0.000000	0.00	-1000.000
1-26-P	93	100	0.00	0.00	3684	0	0.000000	0.00	-1000.000
1-27-P	93	100	0.00	0.00	4738	0	0.000000	0.00	-1000.000
1-28-P	93	100	0.00	0.00	5083	0	0.000000	0.00	-1000.000
1-29-P	93	100	0.00	0.00	3831	0	0.000000	0.00	-1000.000
1-30-P	93	100	0.00	0.00	3814	0	0.000000	0.00	-1000.000
1-31-P	93	100	0.00	0.00	42	0	0.000000	0.00	-1000.000
1-32-P	93	100	0.00	0.00	74	0	0.000000	0.00	-1000.000
1-33-P	93	100	0.00	0.00	46	0	0.000000	0.00	-1000.000
1-34-P	93	100	0.00	0.00	2	0	0.000000	0.00	-1000.000
1-35-P	93	100	0.00	0.00	3675	0	0.000000	0.00	-1000.000
1-36-P	93	100	0.00	0.00	3889	0	0.000000	0.00	-1000.000
1-37-P	93	100	0.00	0.00	5356	0	0.000000	0.00	-1000.000
1-38-P	93	100	0.00	0.00	4323	0	0.000000	0.00	-1000.000
1-39-P	93	100	0.00	0.00	3548	0	0.000000	0.00	-1000.000
1-40-P	93	100	0.00	0.00	727	0	0.000000	0.00	-1000.000
1-41-P	93	100	0.00	0.00	46	0	0.000000	0.00	-1000.000
1-42-P	93	100	0.00	0.00	146	0	0.000000	0.00	-1000.000
1-43-P	93	100	0.00	0.00	46	0	0.000000	0.00	-1000.000
1-44-P	93	100	0.00	0.00	727	0	0.000000	0.00	-1000.000
1-45-P	93	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
1-46-P	93	100	0.00	0.00	4323	0	0.000000	0.00	-1000.000
1-47-P	93	100	0.00	0.00	5357	0	0.000000	0.00	-1000.000
1-48-P	93	100	0.00	0.00	3890	0	0.000000	0.00	-1000.000
1-49-P	93	100	0.00	0.00	3675	0	0.000000	0.00	-1000.000
1-50-P	93	100	0.00	0.00	2	0	0.000000	0.00	-1000.000
1-51-P	93	100	0.00	0.00	46	0	0.000000	0.00	-1000.000
1-52-P	93	100	0.00	0.00	74	0	0.000000	0.00	-1000.000
1-53-P	93	100	0.00	0.00	42	0	0.000000	0.00	-1000.000
1-54-P	93	100	0.00	0.00	3815	0	0.000000	0.00	-1000.000
1-55-P	93	100	0.00	0.00	3834	0	0.000000	0.00	-1000.000
1-56-P	93	100	0.00	0.00	5086	0	0.000000	0.00	-1000.000
1-57-P	93	100	0.00	0.00	4741	0	0.000000	0.00	-1000.000
1-58-P	93	100	0.00	0.00	3687	0	0.000000	0.00	-1000.000
1-59-P	93	100	0.00	0.00	2277	0	0.000000	0.00	-1000.000
1-60-P	93	100	0.00	0.00	50	0	0.000000	0.00	-1000.000
1-61-P	93	100	0.00	0.00	120	0	0.000000	0.00	-1000.000
1-62-P	93	100	0.00	0.00	43	0	0.000000	0.00	-1000.000
1-63-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-64-P	93	100	0.00	0.00	3972	0	0.000000	0.00	-1000.000
1-65-P	93	100	0.00	0.00	4624	0	0.000000	0.00	-1000.000
1-66-P	93	100	0.00	0.00	6375	0	0.000000	0.00	-1000.000
1-67-P	93	100	0.00	0.00	4529	0	0.000000	0.00	-1000.000
1-68-P	93	100	0.00	0.00	3862	0	0.000000	0.00	-1000.000
1-69-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-70-P	93	100	0.00	0.00	46	0	0.000000	0.00	-1000.000
1-71-P	93	100	0.00	0.00	168	0	0.000000	0.00	-1000.000
1-72-P	93	100	0.00	0.00	98	0	0.000000	0.00	-1000.000
1-73-P	93	100	0.00	0.00	2881	0	0.000000	0.00	-1000.000
1-74-P	93	100	0.00	0.00	4382	0	0.000000	0.00	-1000.000
1-75-P	93	100	0.00	0.00	5319	0	0.000000	0.00	-1000.000
1-76-P	93	100	0.00	0.00	5335	0	0.000000	0.00	-1000.000
1-77-P	93	100	0.00	0.00	3662	0	0.000000	0.00	-1000.000
1-78-P	93	100	0.00	0.00	3610	0	0.000000	0.00	-1000.000
1-79-P	93	100	0.00	0.00	19	0	0.000000	0.00	-1000.000
1-80-P	93	100	0.00	0.00	5	0	0.000000	0.00	-1000.000
1-81-P	93	100	0.00	0.00	18	0	0.000000	0.00	-1000.000
1-82-P	93	100	0.00	0.00	909	0	0.000000	0.00	-1000.000
1-83-P	93	100	0.00	0.00	1686	0	0.000000	0.00	-1000.000
1-84-P	93	100	0.00	0.00	2097	0	0.000000	0.00	-1000.000
1-85-P	93	100	0.00	0.00	628	0	0.000000	0.00	-1000.000
2-1-P	93	100	0.00	0.00	303	0	0.000000	0.00	-1000.000
2-2-P	93	100	0.00	0.00	78	0	0.000000	0.00	-1000.000
2-3-P	93	100	0.00	0.00	75	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
2-4-P	93	100	0.00	0.00	225	0	0.000000	0.00	-1000.000
2-5-P	93	100	0.00	0.00	589	0	0.000000	0.00	-1000.000
2-6-P	93	100	0.00	0.00	1947	0	0.000000	0.00	-1000.000
2-7-P	93	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
2-8-P	93	100	0.00	0.00	4501	0	0.000000	0.00	-1000.000
2-9-P	93	100	0.00	0.00	4368	0	0.000000	0.00	-1000.000
2-10-P	93	100	0.00	0.00	3281	0	0.000000	0.00	-1000.000
2-11-P	93	100	0.00	0.00	1955	0	0.000000	0.00	-1000.000
2-12-P	93	100	0.00	0.00	747	0	0.000000	0.00	-1000.000
2-13-P	93	100	0.00	0.00	433	0	0.000000	0.00	-1000.000
2-14-P	93	100	0.00	0.00	595	0	0.000000	0.00	-1000.000
2-15-P	93	100	0.00	0.00	1067	0	0.000000	0.00	-1000.000
2-16-P	93	100	0.00	0.00	2457	0	0.000000	0.00	-1000.000
2-17-P	93	100	0.00	0.00	3561	0	0.000000	0.00	-1000.000
2-18-P	93	100	0.00	0.00	4862	0	0.000000	0.00	-1000.000
2-19-P	93	100	0.00	0.00	3527	0	0.000000	0.00	-1000.000
2-20-P	93	100	0.00	0.00	2407	0	0.000000	0.00	-1000.000
2-21-P	93	100	0.00	0.00	941	0	0.000000	0.00	-1000.000
2-22-P	93	100	0.00	0.00	494	0	0.000000	0.00	-1000.000
2-23-P	93	100	0.00	0.00	327	0	0.000000	0.00	-1000.000
2-24-P	93	100	0.00	0.00	564	0	0.000000	0.00	-1000.000
2-25-P	93	100	0.00	0.00	1375	0	0.000000	0.00	-1000.000
2-26-P	93	100	0.00	0.00	2548	0	0.000000	0.00	-1000.000
2-27-P	93	100	0.00	0.00	3712	0	0.000000	0.00	-1000.000
2-28-P	93	100	0.00	0.00	3964	0	0.000000	0.00	-1000.000
2-29-P	93	100	0.00	0.00	2738	0	0.000000	0.00	-1000.000
2-30-P	93	100	0.00	0.00	1837	0	0.000000	0.00	-1000.000
2-31-P	93	100	0.00	0.00	596	0	0.000000	0.00	-1000.000
2-32-P	93	100	0.00	0.00	343	0	0.000000	0.00	-1000.000
2-33-P	93	100	0.00	0.00	387	0	0.000000	0.00	-1000.000
2-34-P	93	100	0.00	0.00	712	0	0.000000	0.00	-1000.000
2-35-P	93	100	0.00	0.00	1887	0	0.000000	0.00	-1000.000
2-36-P	93	100	0.00	0.00	2885	0	0.000000	0.00	-1000.000
2-37-P	93	100	0.00	0.00	4144	0	0.000000	0.00	-1000.000
2-38-P	93	100	0.00	0.00	3356	0	0.000000	0.00	-1000.000
2-39-P	93	100	0.00	0.00	2235	0	0.000000	0.00	-1000.000
2-40-P	93	100	0.00	0.00	963	0	0.000000	0.00	-1000.000
2-41-P	93	100	0.00	0.00	501	0	0.000000	0.00	-1000.000
2-42-P	93	100	0.00	0.00	253	0	0.000000	0.00	-1000.000
2-43-P	93	100	0.00	0.00	501	0	0.000000	0.00	-1000.000
2-44-P	93	100	0.00	0.00	963	0	0.000000	0.00	-1000.000
2-45-P	93	100	0.00	0.00	2235	0	0.000000	0.00	-1000.000
2-46-P	93	100	0.00	0.00	3356	0	0.000000	0.00	-1000.000
2-47-P	93	100	0.00	0.00	4144	0	0.000000	0.00	-1000.000
2-48-P	93	100	0.00	0.00	2886	0	0.000000	0.00	-1000.000
2-49-P	93	100	0.00	0.00	1887	0	0.000000	0.00	-1000.000
2-50-P	93	100	0.00	0.00	712	0	0.000000	0.00	-1000.000
2-51-P	93	100	0.00	0.00	387	0	0.000000	0.00	-1000.000
2-52-P	93	100	0.00	0.00	343	0	0.000000	0.00	-1000.000
2-53-P	93	100	0.00	0.00	596	0	0.000000	0.00	-1000.000
2-54-P	93	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
2-55-P	93	100	0.00	0.00	2740	0	0.000000	0.00	-1000.000
2-56-P	93	100	0.00	0.00	3965	0	0.000000	0.00	-1000.000
2-57-P	93	100	0.00	0.00	3715	0	0.000000	0.00	-1000.000
2-58-P	93	100	0.00	0.00	2550	0	0.000000	0.00	-1000.000
2-59-P	93	100	0.00	0.00	1377	0	0.000000	0.00	-1000.000
2-60-P	93	100	0.00	0.00	564	0	0.000000	0.00	-1000.000
2-61-P	93	100	0.00	0.00	328	0	0.000000	0.00	-1000.000
2-62-P	93	100	0.00	0.00	496	0	0.000000	0.00	-1000.000
2-63-P	93	100	0.00	0.00	944	0	0.000000	0.00	-1000.000
2-64-P	93	100	0.00	0.00	2418	0	0.000000	0.00	-1000.000
2-65-P	93	100	0.00	0.00	3540	0	0.000000	0.00	-1000.000
2-66-P	93	100	0.00	0.00	4876	0	0.000000	0.00	-1000.000
2-67-P	93	100	0.00	0.00	3576	0	0.000000	0.00	-1000.000
2-68-P	93	100	0.00	0.00	2473	0	0.000000	0.00	-1000.000
2-69-P	93	100	0.00	0.00	1075	0	0.000000	0.00	-1000.000
2-70-P	93	100	0.00	0.00	602	0	0.000000	0.00	-1000.000
2-71-P	93	100	0.00	0.00	439	0	0.000000	0.00	-1000.000
2-72-P	93	100	0.00	0.00	759	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
2-73-P	93	100	0.00	0.00	1982	0	0.000000	0.00	-1000.000
2-74-P	93	100	0.00	0.00	3321	0	0.000000	0.00	-1000.000
2-75-P	93	100	0.00	0.00	4410	0	0.000000	0.00	-1000.000
2-76-P	93	100	0.00	0.00	4543	0	0.000000	0.00	-1000.000
2-77-P	93	100	0.00	0.00	3101	0	0.000000	0.00	-1000.000
2-78-P	93	100	0.00	0.00	1969	0	0.000000	0.00	-1000.000
2-79-P	93	100	0.00	0.00	610	0	0.000000	0.00	-1000.000
2-80-P	93	100	0.00	0.00	242	0	0.000000	0.00	-1000.000
2-81-P	93	100	0.00	0.00	145	0	0.000000	0.00	-1000.000
2-82-P	93	100	0.00	0.00	137	0	0.000000	0.00	-1000.000
2-83-P	93	100	0.00	0.00	364	0	0.000000	0.00	-1000.000
2-84-P	93	100	0.00	0.00	588	0	0.000000	0.00	-1000.000
2-85-P	93	100	0.00	0.00	8544	0	0.000000	0.00	-1000.000
3-1-P	93	100	0.00	0.00	8348	0	0.000000	0.00	-1000.000
3-2-P	93	100	0.00	0.00	6449	0	0.000000	0.00	-1000.000
3-3-P	93	100	0.00	0.00	9272	0	0.000000	0.00	-1000.000
3-4-P	93	100	0.00	0.00	10247	0	0.000000	0.00	-1000.000
3-5-P	93	100	0.00	0.00	10887	0	0.000000	0.00	-1000.000
3-6-P	93	100	0.00	0.00	11527	0	0.000000	0.00	-1000.000
3-7-P	93	100	0.00	0.00	11728	0	0.000000	0.00	-1000.000
3-8-P	93	100	0.00	0.00	11929	0	0.000000	0.00	-1000.000
3-9-P	93	100	0.00	0.00	11853	0	0.000000	0.00	-1000.000
3-10-P	93	100	0.00	0.00	11592	0	0.000000	0.00	-1000.000
3-11-P	93	100	0.00	0.00	11313	0	0.000000	0.00	-1000.000
3-12-P	93	100	0.00	0.00	10957	0	0.000000	0.00	-1000.000
3-13-P	93	100	0.00	0.00	10602	0	0.000000	0.00	-1000.000
3-14-P	93	100	0.00	0.00	10690	0	0.000000	0.00	-1000.000
3-15-P	93	100	0.00	0.00	10888	0	0.000000	0.00	-1000.000
3-16-P	93	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
3-17-P	93	100	0.00	0.00	11183	0	0.000000	0.00	-1000.000
3-18-P	93	100	0.00	0.00	11309	0	0.000000	0.00	-1000.000
3-19-P	93	100	0.00	0.00	11084	0	0.000000	0.00	-1000.000
3-20-P	93	100	0.00	0.00	10860	0	0.000000	0.00	-1000.000
3-21-P	93	100	0.00	0.00	10589	0	0.000000	0.00	-1000.000
3-22-P	93	100	0.00	0.00	10288	0	0.000000	0.00	-1000.000
3-23-P	93	100	0.00	0.00	10097	0	0.000000	0.00	-1000.000
3-24-P	93	100	0.00	0.00	10348	0	0.000000	0.00	-1000.000
3-25-P	93	100	0.00	0.00	10598	0	0.000000	0.00	-1000.000
3-26-P	93	100	0.00	0.00	10783	0	0.000000	0.00	-1000.000
3-27-P	93	100	0.00	0.00	10951	0	0.000000	0.00	-1000.000
3-28-P	93	100	0.00	0.00	10976	0	0.000000	0.00	-1000.000
3-29-P	93	100	0.00	0.00	10784	0	0.000000	0.00	-1000.000
3-30-P	93	100	0.00	0.00	10592	0	0.000000	0.00	-1000.000
3-31-P	93	100	0.00	0.00	10315	0	0.000000	0.00	-1000.000
3-32-P	93	100	0.00	0.00	10037	0	0.000000	0.00	-1000.000
3-33-P	93	100	0.00	0.00	10087	0	0.000000	0.00	-1000.000
3-34-P	93	100	0.00	0.00	10354	0	0.000000	0.00	-1000.000
3-35-P	93	100	0.00	0.00	10604	0	0.000000	0.00	-1000.000
3-36-P	93	100	0.00	0.00	10785	0	0.000000	0.00	-1000.000
3-37-P	93	100	0.00	0.00	10965	0	0.000000	0.00	-1000.000
3-38-P	93	100	0.00	0.00	10854	0	0.000000	0.00	-1000.000
3-39-P	93	100	0.00	0.00	10671	0	0.000000	0.00	-1000.000
3-40-P	93	100	0.00	0.00	10452	0	0.000000	0.00	-1000.000
3-41-P	93	100	0.00	0.00	10180	0	0.000000	0.00	-1000.000
3-42-P	93	100	0.00	0.00	9909	0	0.000000	0.00	-1000.000
3-43-P	93	100	0.00	0.00	10180	0	0.000000	0.00	-1000.000
3-44-P	93	100	0.00	0.00	10452	0	0.000000	0.00	-1000.000
3-45-P	93	100	0.00	0.00	10670	0	0.000000	0.00	-1000.000
3-46-P	93	100	0.00	0.00	10854	0	0.000000	0.00	-1000.000
3-47-P	93	100	0.00	0.00	10965	0	0.000000	0.00	-1000.000
3-48-P	93	100	0.00	0.00	10785	0	0.000000	0.00	-1000.000
3-49-P	93	100	0.00	0.00	10604	0	0.000000	0.00	-1000.000
3-50-P	93	100	0.00	0.00	10354	0	0.000000	0.00	-1000.000
3-51-P	93	100	0.00	0.00	10087	0	0.000000	0.00	-1000.000
3-52-P	93	100	0.00	0.00	10037	0	0.000000	0.00	-1000.000
3-53-P	93	100	0.00	0.00	10315	0	0.000000	0.00	-1000.000
3-54-P	93	100	0.00	0.00	10592	0	0.000000	0.00	-1000.000
3-55-P	93	100	0.00	0.00	10784	0	0.000000	0.00	-1000.000
3-56-P	93	100	0.00	0.00	10976	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
3-57-P	93	100	0.00	0.00	10952	0	0.000000	0.00	-1000.000
3-58-P	93	100	0.00	0.00	10784	0	0.000000	0.00	-1000.000
3-59-P	93	100	0.00	0.00	10599	0	0.000000	0.00	-1000.000
3-60-P	93	100	0.00	0.00	10349	0	0.000000	0.00	-1000.000
3-61-P	93	100	0.00	0.00	10100	0	0.000000	0.00	-1000.000
3-62-P	93	100	0.00	0.00	10291	0	0.000000	0.00	-1000.000
3-63-P	93	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
3-64-P	93	100	0.00	0.00	10864	0	0.000000	0.00	-1000.000
3-65-P	93	100	0.00	0.00	11090	0	0.000000	0.00	-1000.000
3-66-P	93	100	0.00	0.00	11316	0	0.000000	0.00	-1000.000
3-67-P	93	100	0.00	0.00	11192	0	0.000000	0.00	-1000.000
3-68-P	93	100	0.00	0.00	11068	0	0.000000	0.00	-1000.000
3-69-P	93	100	0.00	0.00	10902	0	0.000000	0.00	-1000.000
3-70-P	93	100	0.00	0.00	10707	0	0.000000	0.00	-1000.000
3-71-P	93	100	0.00	0.00	10622	0	0.000000	0.00	-1000.000
3-72-P	93	100	0.00	0.00	10982	0	0.000000	0.00	-1000.000
3-73-P	93	100	0.00	0.00	11341	0	0.000000	0.00	-1000.000
3-74-P	93	100	0.00	0.00	11625	0	0.000000	0.00	-1000.000
3-75-P	93	100	0.00	0.00	11890	0	0.000000	0.00	-1000.000
3-76-P	93	100	0.00	0.00	11966	0	0.000000	0.00	-1000.000
3-77-P	93	100	0.00	0.00	11758	0	0.000000	0.00	-1000.000
3-78-P	93	100	0.00	0.00	11550	0	0.000000	0.00	-1000.000
3-79-P	93	100	0.00	0.00	10758	0	0.000000	0.00	-1000.000
3-80-P	93	100	0.00	0.00	9967	0	0.000000	0.00	-1000.000
3-81-P	93	100	0.00	0.00	8726	0	0.000000	0.00	-1000.000
3-82-P	93	100	0.00	0.00	7184	0	0.000000	0.00	-1000.000
3-83-P	93	100	0.00	0.00	5699	0	0.000000	0.00	-1000.000
3-84-P	93	100	0.00	0.00	4228	0	0.000000	0.00	-1000.000
3-85-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-1-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-2-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-3-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-4-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-5-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-6-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-7-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-8-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-9-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-10-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-11-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-12-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-13-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-14-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-15-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-16-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-17-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-18-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-19-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-20-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-21-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-22-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-23-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-24-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-25-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-26-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-27-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-28-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-29-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-30-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-31-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-32-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-33-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-34-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-35-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-36-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-37-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-38-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-39-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-40-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
5-41-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-42-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-43-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-44-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-45-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-46-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-47-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-48-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-49-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-50-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-51-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-52-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-53-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-54-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-55-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-56-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-57-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-58-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-59-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-60-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-61-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-62-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-63-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-64-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-65-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-66-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-67-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-68-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-69-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-70-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-71-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-72-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-73-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-74-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-75-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-76-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-77-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-78-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-79-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-80-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-81-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-82-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-83-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-84-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-85-P	10	100	0.00	0.00	9399	0	0.000000	0.00	-1000.000
6-1-S	100	100	0.00	0.00	975	0	0.000000	0.00	-1000.000
6-2-S	100	100	0.00	0.00	257	0	0.000000	0.00	-1000.000
6-3-S	100	100	0.00	0.00	509	0	0.000000	0.00	-1000.000
6-4-S	100	100	0.00	0.00	209	0	0.000000	0.00	-1000.000
6-5-S	100	100	0.00	0.00	12	0	0.000000	0.00	-1000.000
6-6-S	100	100	0.00	0.00	176	0	0.000000	0.00	-1000.000
6-7-S	100	100	0.00	0.00	5640	0	0.000000	0.00	-1000.000
6-8-S	100	100	0.00	0.00	18025	0	0.000000	0.00	-1000.000
6-9-S	100	100	0.00	0.00	29915	0	0.000000	0.00	-1000.000
6-10-S	100	100	0.00	0.00	41751	0	0.000000	0.00	-1000.000
6-11-S	100	100	0.00	0.00	53562	0	0.000000	0.00	-1000.000
6-12-S	100	100	0.00	0.00	65472	0	0.000000	0.00	-1000.000
6-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
6-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
6-15-S	100	100	0.00	0.00	3511	0	0.000000	0.00	-1000.000
7-1-S	100	100	0.00	0.00	74	0	0.000000	0.00	-1000.000
7-2-S	100	100	0.00	0.00	426	0	0.000000	0.00	-1000.000
7-3-S	100	100	0.00	0.00	688	0	0.000000	0.00	-1000.000
7-4-S	100	100	0.00	0.00	307	0	0.000000	0.00	-1000.000
7-5-S	100	100	0.00	0.00	23	0	0.000000	0.00	-1000.000
7-6-S	100	100	0.00	0.00	1529	0	0.000000	0.00	-1000.000
7-7-S	100	100	0.00	0.00	8959	0	0.000000	0.00	-1000.000
7-8-S	100	100	0.00	0.00	19501	0	0.000000	0.00	-1000.000
7-9-S	100	100	0.00	0.00	30326	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
7-10-S	100	100	0.00	0.00	41176	0	0.000000	0.00	-1000.000
7-11-S	100	100	0.00	0.00	52014	0	0.000000	0.00	-1000.000
7-12-S	100	100	0.00	0.00	62818	0	0.000000	0.00	-1000.000
7-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
7-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
7-15-S	100	100	0.00	0.00	912	0	0.000000	0.00	-1000.000
8-1-S	100	100	0.00	0.00	310	0	0.000000	0.00	-1000.000
8-2-S	100	100	0.00	0.00	684	0	0.000000	0.00	-1000.000
8-3-S	100	100	0.00	0.00	913	0	0.000000	0.00	-1000.000
8-4-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-5-S	100	100	0.00	0.00	273	0	0.000000	0.00	-1000.000
8-6-S	100	100	0.00	0.00	2550	0	0.000000	0.00	-1000.000
8-7-S	100	100	0.00	0.00	10720	0	0.000000	0.00	-1000.000
8-8-S	100	100	0.00	0.00	19731	0	0.000000	0.00	-1000.000
8-9-S	100	100	0.00	0.00	29811	0	0.000000	0.00	-1000.000
8-10-S	100	100	0.00	0.00	39989	0	0.000000	0.00	-1000.000
8-11-S	100	100	0.00	0.00	50148	0	0.000000	0.00	-1000.000
8-12-S	100	100	0.00	0.00	60211	0	0.000000	0.00	-1000.000
8-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-15-S	100	100	0.00	0.00	12808	0	0.000000	0.00	-1000.000
9-1-S	100	100	0.00	0.00	621	0	0.000000	0.00	-1000.000
9-2-S	100	100	0.00	0.00	209	0	0.000000	0.00	-1000.000
9-3-S	100	100	0.00	0.00	343	0	0.000000	0.00	-1000.000
9-4-S	100	100	0.00	0.00	158	0	0.000000	0.00	-1000.000
9-5-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
9-6-S	100	100	0.00	0.00	334	0	0.000000	0.00	-1000.000
9-7-S	100	100	0.00	0.00	5265	0	0.000000	0.00	-1000.000
9-8-S	100	100	0.00	0.00	18177	0	0.000000	0.00	-1000.000
9-9-S	100	100	0.00	0.00	28699	0	0.000000	0.00	-1000.000
9-10-S	100	100	0.00	0.00	38997	0	0.000000	0.00	-1000.000
9-11-S	100	100	0.00	0.00	49166	0	0.000000	0.00	-1000.000
9-12-S	100	100	0.00	0.00	58928	0	0.000000	0.00	-1000.000
9-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
9-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
9-15-S	100	100	0.00	0.00	749	0	0.000000	0.00	-1000.000
10-1-S	100	100	0.00	0.00	340	0	0.000000	0.00	-1000.000
10-2-S	100	100	0.00	0.00	572	0	0.000000	0.00	-1000.000
10-3-S	100	100	0.00	0.00	775	0	0.000000	0.00	-1000.000
10-4-S	100	100	0.00	0.00	440	0	0.000000	0.00	-1000.000
10-5-S	100	100	0.00	0.00	131	0	0.000000	0.00	-1000.000
10-6-S	100	100	0.00	0.00	3021	0	0.000000	0.00	-1000.000
10-7-S	100	100	0.00	0.00	11007	0	0.000000	0.00	-1000.000
10-8-S	100	100	0.00	0.00	18994	0	0.000000	0.00	-1000.000
10-9-S	100	100	0.00	0.00	28571	0	0.000000	0.00	-1000.000
10-10-S	100	100	0.00	0.00	38296	0	0.000000	0.00	-1000.000
10-11-S	100	100	0.00	0.00	48009	0	0.000000	0.00	-1000.000
10-12-S	100	100	0.00	0.00	57660	0	0.000000	0.00	-1000.000
10-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
10-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
10-15-S	100	100	0.00	0.00	12849	0	0.000000	0.00	-1000.000
11-1-S	100	100	0.00	0.00	616	0	0.000000	0.00	-1000.000
11-2-S	100	100	0.00	0.00	241	0	0.000000	0.00	-1000.000
11-3-S	100	100	0.00	0.00	387	0	0.000000	0.00	-1000.000
11-4-S	100	100	0.00	0.00	193	0	0.000000	0.00	-1000.000
11-5-S	100	100	0.00	0.00	34	0	0.000000	0.00	-1000.000
11-6-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-7-S	100	100	0.00	0.00	4668	0	0.000000	0.00	-1000.000
11-8-S	100	100	0.00	0.00	17452	0	0.000000	0.00	-1000.000
11-9-S	100	100	0.00	0.00	27816	0	0.000000	0.00	-1000.000
11-10-S	100	100	0.00	0.00	37956	0	0.000000	0.00	-1000.000
11-11-S	100	100	0.00	0.00	47967	0	0.000000	0.00	-1000.000
11-12-S	100	100	0.00	0.00	57582	0	0.000000	0.00	-1000.000
11-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-15-S	100	100	0.00	0.00	791	0	0.000000	0.00	-1000.000
12-1-S	100	100	0.00	0.00	209	0	0.000000	0.00	-1000.000
12-2-S	100	100	0.00	0.00	549	0	0.000000	0.00	-1000.000
12-3-S	100	100	0.00	0.00	736	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
12-4-S	100	100	0.00	0.00	442	0	0.000000	0.00	-1000.000
12-5-S	100	100	0.00	0.00	75	0	0.000000	0.00	-1000.000
12-6-S	100	100	0.00	0.00	1962	0	0.000000	0.00	-1000.000
12-7-S	100	100	0.00	0.00	9682	0	0.000000	0.00	-1000.000
12-8-S	100	100	0.00	0.00	18353	0	0.000000	0.00	-1000.000
12-9-S	100	100	0.00	0.00	28001	0	0.000000	0.00	-1000.000
12-10-S	100	100	0.00	0.00	37739	0	0.000000	0.00	-1000.000
12-11-S	100	100	0.00	0.00	47454	0	0.000000	0.00	-1000.000
12-12-S	100	100	0.00	0.00	57066	0	0.000000	0.00	-1000.000
12-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
12-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
12-15-S	100	100	0.00	0.00	3225	0	0.000000	0.00	-1000.000
13-1-S	100	100	0.00	0.00	127	0	0.000000	0.00	-1000.000
13-2-S	100	100	0.00	0.00	509	0	0.000000	0.00	-1000.000
13-3-S	100	100	0.00	0.00	759	0	0.000000	0.00	-1000.000
13-4-S	100	100	0.00	0.00	394	0	0.000000	0.00	-1000.000
13-5-S	100	100	0.00	0.00	92	0	0.000000	0.00	-1000.000
13-6-S	100	100	0.00	0.00	1211	0	0.000000	0.00	-1000.000
13-7-S	100	100	0.00	0.00	8007	0	0.000000	0.00	-1000.000
13-8-S	100	100	0.00	0.00	17941	0	0.000000	0.00	-1000.000
13-9-S	100	100	0.00	0.00	27804	0	0.000000	0.00	-1000.000
13-10-S	100	100	0.00	0.00	37661	0	0.000000	0.00	-1000.000
13-11-S	100	100	0.00	0.00	47460	0	0.000000	0.00	-1000.000
13-12-S	100	100	0.00	0.00	57076	0	0.000000	0.00	-1000.000
13-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
13-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
13-15-S	100	100	0.00	0.00	9671	0	0.000000	0.00	-1000.000
14-1-S	100	100	0.00	0.00	645	0	0.000000	0.00	-1000.000
14-2-S	100	100	0.00	0.00	404	0	0.000000	0.00	-1000.000
14-3-S	100	100	0.00	0.00	634	0	0.000000	0.00	-1000.000
14-4-S	100	100	0.00	0.00	314	0	0.000000	0.00	-1000.000
14-5-S	100	100	0.00	0.00	49	0	0.000000	0.00	-1000.000
14-6-S	100	100	0.00	0.00	626	0	0.000000	0.00	-1000.000
14-7-S	100	100	0.00	0.00	5848	0	0.000000	0.00	-1000.000
14-8-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-9-S	100	100	0.00	0.00	27590	0	0.000000	0.00	-1000.000
14-10-S	100	100	0.00	0.00	37609	0	0.000000	0.00	-1000.000
14-11-S	100	100	0.00	0.00	47527	0	0.000000	0.00	-1000.000
14-12-S	100	100	0.00	0.00	57145	0	0.000000	0.00	-1000.000
14-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-15-S	100	100	0.00	0.00	739	0	0.000000	0.00	-1000.000
15-1-S	100	100	0.00	0.00	255	0	0.000000	0.00	-1000.000
15-2-S	100	100	0.00	0.00	644	0	0.000000	0.00	-1000.000
15-3-S	100	100	0.00	0.00	951	0	0.000000	0.00	-1000.000
15-4-S	100	100	0.00	0.00	510	0	0.000000	0.00	-1000.000
15-5-S	100	100	0.00	0.00	96	0	0.000000	0.00	-1000.000
15-6-S	100	100	0.00	0.00	2424	0	0.000000	0.00	-1000.000
15-7-S	100	100	0.00	0.00	10370	0	0.000000	0.00	-1000.000
15-8-S	100	100	0.00	0.00	18349	0	0.000000	0.00	-1000.000
15-9-S	100	100	0.00	0.00	27878	0	0.000000	0.00	-1000.000
15-10-S	100	100	0.00	0.00	37551	0	0.000000	0.00	-1000.000
15-11-S	100	100	0.00	0.00	47218	0	0.000000	0.00	-1000.000
15-12-S	100	100	0.00	0.00	56839	0	0.000000	0.00	-1000.000
15-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
15-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
15-15-S	100	100	0.00	0.00	12863	0	0.000000	0.00	-1000.000
16-1-S	100	100	0.00	0.00	579	0	0.000000	0.00	-1000.000
16-2-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-3-S	100	100	0.00	0.00	9	0	0.000000	0.00	-1000.000
16-4-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-5-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-6-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-7-S	100	100	0.00	0.00	3748	0	0.000000	0.00	-1000.000
16-8-S	100	100	0.00	0.00	16956	0	0.000000	0.00	-1000.000
16-9-S	100	100	0.00	0.00	27391	0	0.000000	0.00	-1000.000
16-10-S	100	100	0.00	0.00	37565	0	0.000000	0.00	-1000.000
16-11-S	100	100	0.00	0.00	47601	0	0.000000	0.00	-1000.000
16-12-S	100	100	0.00	0.00	57219	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
16-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-15-S	100	100	0.00	0.00	739	0	0.000000	0.00	-1000.000
17-1-S	100	100	0.00	0.00	255	0	0.000000	0.00	-1000.000
17-2-S	100	100	0.00	0.00	644	0	0.000000	0.00	-1000.000
17-3-S	100	100	0.00	0.00	951	0	0.000000	0.00	-1000.000
17-4-S	100	100	0.00	0.00	510	0	0.000000	0.00	-1000.000
17-5-S	100	100	0.00	0.00	96	0	0.000000	0.00	-1000.000
17-6-S	100	100	0.00	0.00	2424	0	0.000000	0.00	-1000.000
17-7-S	100	100	0.00	0.00	10370	0	0.000000	0.00	-1000.000
17-8-S	100	100	0.00	0.00	18349	0	0.000000	0.00	-1000.000
17-9-S	100	100	0.00	0.00	27878	0	0.000000	0.00	-1000.000
17-10-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-11-S	100	100	0.00	0.00	47217	0	0.000000	0.00	-1000.000
17-12-S	100	100	0.00	0.00	56838	0	0.000000	0.00	-1000.000
17-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-15-S	100	100	0.00	0.00	9672	0	0.000000	0.00	-1000.000
18-1-S	100	100	0.00	0.00	646	0	0.000000	0.00	-1000.000
18-2-S	100	100	0.00	0.00	404	0	0.000000	0.00	-1000.000
18-3-S	100	100	0.00	0.00	634	0	0.000000	0.00	-1000.000
18-4-S	100	100	0.00	0.00	314	0	0.000000	0.00	-1000.000
18-5-S	100	100	0.00	0.00	49	0	0.000000	0.00	-1000.000
18-6-S	100	100	0.00	0.00	626	0	0.000000	0.00	-1000.000
18-7-S	100	100	0.00	0.00	5848	0	0.000000	0.00	-1000.000
18-8-S	100	100	0.00	0.00	17435	0	0.000000	0.00	-1000.000
18-9-S	100	100	0.00	0.00	27590	0	0.000000	0.00	-1000.000
18-10-S	100	100	0.00	0.00	37608	0	0.000000	0.00	-1000.000
18-11-S	100	100	0.00	0.00	47526	0	0.000000	0.00	-1000.000
18-12-S	100	100	0.00	0.00	57143	0	0.000000	0.00	-1000.000
18-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
18-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
18-15-S	100	100	0.00	0.00	3225	0	0.000000	0.00	-1000.000
19-1-S	100	100	0.00	0.00	128	0	0.000000	0.00	-1000.000
19-2-S	100	100	0.00	0.00	509	0	0.000000	0.00	-1000.000
19-3-S	100	100	0.00	0.00	760	0	0.000000	0.00	-1000.000
19-4-S	100	100	0.00	0.00	394	0	0.000000	0.00	-1000.000
19-5-S	100	100	0.00	0.00	92	0	0.000000	0.00	-1000.000
19-6-S	100	100	0.00	0.00	1211	0	0.000000	0.00	-1000.000
19-7-S	100	100	0.00	0.00	8008	0	0.000000	0.00	-1000.000
19-8-S	100	100	0.00	0.00	17942	0	0.000000	0.00	-1000.000
19-9-S	100	100	0.00	0.00	27804	0	0.000000	0.00	-1000.000
19-10-S	100	100	0.00	0.00	37660	0	0.000000	0.00	-1000.000
19-11-S	100	100	0.00	0.00	47460	0	0.000000	0.00	-1000.000
19-12-S	100	100	0.00	0.00	57075	0	0.000000	0.00	-1000.000
19-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
19-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
19-15-S	100	100	0.00	0.00	791	0	0.000000	0.00	-1000.000
20-1-S	100	100	0.00	0.00	209	0	0.000000	0.00	-1000.000
20-2-S	100	100	0.00	0.00	549	0	0.000000	0.00	-1000.000
20-3-S	100	100	0.00	0.00	736	0	0.000000	0.00	-1000.000
20-4-S	100	100	0.00	0.00	442	0	0.000000	0.00	-1000.000
20-5-S	100	100	0.00	0.00	75	0	0.000000	0.00	-1000.000
20-6-S	100	100	0.00	0.00	1964	0	0.000000	0.00	-1000.000
20-7-S	100	100	0.00	0.00	9684	0	0.000000	0.00	-1000.000
20-8-S	100	100	0.00	0.00	18355	0	0.000000	0.00	-1000.000
20-9-S	100	100	0.00	0.00	28003	0	0.000000	0.00	-1000.000
20-10-S	100	100	0.00	0.00	37740	0	0.000000	0.00	-1000.000
20-11-S	100	100	0.00	0.00	47454	0	0.000000	0.00	-1000.000
20-12-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
20-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
20-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
20-15-S	100	100	0.00	0.00	12850	0	0.000000	0.00	-1000.000
21-1-S	100	100	0.00	0.00	617	0	0.000000	0.00	-1000.000
21-2-S	100	100	0.00	0.00	242	0	0.000000	0.00	-1000.000
21-3-S	100	100	0.00	0.00	388	0	0.000000	0.00	-1000.000
21-4-S	100	100	0.00	0.00	194	0	0.000000	0.00	-1000.000
21-5-S	100	100	0.00	0.00	34	0	0.000000	0.00	-1000.000
21-6-S	100	100	0.00	0.00	313	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
21-7-S	100	100	0.00	0.00	4673	0	0.000000	0.00	-1000.000
21-8-S	100	100	0.00	0.00	17458	0	0.000000	0.00	-1000.000
21-9-S	100	100	0.00	0.00	27822	0	0.000000	0.00	-1000.000
21-10-S	100	100	0.00	0.00	37961	0	0.000000	0.00	-1000.000
21-11-S	100	100	0.00	0.00	47971	0	0.000000	0.00	-1000.000
21-12-S	100	100	0.00	0.00	57585	0	0.000000	0.00	-1000.000
21-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
21-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
21-15-S	100	100	0.00	0.00	749	0	0.000000	0.00	-1000.000
22-1-S	100	100	0.00	0.00	341	0	0.000000	0.00	-1000.000
22-2-S	100	100	0.00	0.00	573	0	0.000000	0.00	-1000.000
22-3-S	100	100	0.00	0.00	776	0	0.000000	0.00	-1000.000
22-4-S	100	100	0.00	0.00	441	0	0.000000	0.00	-1000.000
22-5-S	100	100	0.00	0.00	132	0	0.000000	0.00	-1000.000
22-6-S	100	100	0.00	0.00	3031	0	0.000000	0.00	-1000.000
22-7-S	100	100	0.00	0.00	11019	0	0.000000	0.00	-1000.000
22-8-S	100	100	0.00	0.00	19008	0	0.000000	0.00	-1000.000
22-9-S	100	100	0.00	0.00	28585	0	0.000000	0.00	-1000.000
22-10-S	100	100	0.00	0.00	38310	0	0.000000	0.00	-1000.000
22-11-S	100	100	0.00	0.00	48023	0	0.000000	0.00	-1000.000
22-12-S	100	100	0.00	0.00	57673	0	0.000000	0.00	-1000.000
22-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
22-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
22-15-S	100	100	0.00	0.00	12810	0	0.000000	0.00	-1000.000
23-1-S	100	100	0.00	0.00	622	0	0.000000	0.00	-1000.000
23-2-S	100	100	0.00	0.00	210	0	0.000000	0.00	-1000.000
23-3-S	100	100	0.00	0.00	343	0	0.000000	0.00	-1000.000
23-4-S	100	100	0.00	0.00	158	0	0.000000	0.00	-1000.000
23-5-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
23-6-S	100	100	0.00	0.00	337	0	0.000000	0.00	-1000.000
23-7-S	100	100	0.00	0.00	5289	0	0.000000	0.00	-1000.000
23-8-S	100	100	0.00	0.00	18204	0	0.000000	0.00	-1000.000
23-9-S	100	100	0.00	0.00	28729	0	0.000000	0.00	-1000.000
23-10-S	100	100	0.00	0.00	39030	0	0.000000	0.00	-1000.000
23-11-S	100	100	0.00	0.00	49202	0	0.000000	0.00	-1000.000
23-12-S	100	100	0.00	0.00	58965	0	0.000000	0.00	-1000.000
23-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
23-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
23-15-S	100	100	0.00	0.00	916	0	0.000000	0.00	-1000.000
24-1-S	100	100	0.00	0.00	314	0	0.000000	0.00	-1000.000
24-2-S	100	100	0.00	0.00	689	0	0.000000	0.00	-1000.000
24-3-S	100	100	0.00	0.00	919	0	0.000000	0.00	-1000.000
24-4-S	100	100	0.00	0.00	645	0	0.000000	0.00	-1000.000
24-5-S	100	100	0.00	0.00	281	0	0.000000	0.00	-1000.000
24-6-S	100	100	0.00	0.00	2567	0	0.000000	0.00	-1000.000
24-7-S	100	100	0.00	0.00	10751	0	0.000000	0.00	-1000.000
24-8-S	100	100	0.00	0.00	19771	0	0.000000	0.00	-1000.000
24-9-S	100	100	0.00	0.00	29864	0	0.000000	0.00	-1000.000
24-10-S	100	100	0.00	0.00	40056	0	0.000000	0.00	-1000.000
24-11-S	100	100	0.00	0.00	50229	0	0.000000	0.00	-1000.000
24-12-S	100	100	0.00	0.00	60306	0	0.000000	0.00	-1000.000
24-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
24-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
24-15-S	100	100	0.00	0.00	3510	0	0.000000	0.00	-1000.000
25-1-S	100	100	0.00	0.00	74	0	0.000000	0.00	-1000.000
25-2-S	100	100	0.00	0.00	425	0	0.000000	0.00	-1000.000
25-3-S	100	100	0.00	0.00	686	0	0.000000	0.00	-1000.000
25-4-S	100	100	0.00	0.00	304	0	0.000000	0.00	-1000.000
25-5-S	100	100	0.00	0.00	22	0	0.000000	0.00	-1000.000
25-6-S	100	100	0.00	0.00	1538	0	0.000000	0.00	-1000.000
25-7-S	100	100	0.00	0.00	8984	0	0.000000	0.00	-1000.000
25-8-S	100	100	0.00	0.00	19532	0	0.000000	0.00	-1000.000
25-9-S	100	100	0.00	0.00	30381	0	0.000000	0.00	-1000.000
25-10-S	100	100	0.00	0.00	41257	0	0.000000	0.00	-1000.000
25-11-S	100	100	0.00	0.00	52145	0	0.000000	0.00	-1000.000
25-12-S	100	100	0.00	0.00	63077	0	0.000000	0.00	-1000.000
25-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
25-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
25-15-S	100	100	0.00	0.00	9393	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
26-1-S	100	100	0.00	0.00	972	0	0.000000	0.00	-1000.000
26-2-S	100	100	0.00	0.00	259	0	0.000000	0.00	-1000.000
26-3-S	100	100	0.00	0.00	507	0	0.000000	0.00	-1000.000
26-4-S	100	100	0.00	0.00	194	0	0.000000	0.00	-1000.000
26-5-S	100	100	0.00	0.00	2	0	0.000000	0.00	-1000.000
26-6-S	100	100	0.00	0.00	194	0	0.000000	0.00	-1000.000
26-7-S	100	100	0.00	0.00	5855	0	0.000000	0.00	-1000.000
26-8-S	100	100	0.00	0.00	18477	0	0.000000	0.00	-1000.000
26-9-S	100	100	0.00	0.00	29972	0	0.000000	0.00	-1000.000
26-10-S	100	100	0.00	0.00	41347	0	0.000000	0.00	-1000.000
26-11-S	100	100	0.00	0.00	53008	0	0.000000	0.00	-1000.000
26-12-S	100	100	0.00	0.00	65670	0	0.000000	0.00	-1000.000
26-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
26-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
26-15-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000

Pali in c.a.

Combinazione n° 14 - SLEF

Apertura limite fessure w_{lim}=0.400 mm

Ip	Is	Af	Aeff	Mpf	M	N	ε	Sm	wm
		[cmq]	[cmq]	[kgm]	[kgm]	[kg]	[%]	[mm]	[mm]
1	1	74.33	4383.74	22458	-31404	2487	0.0405	544.80	0.220
2	1	63.71	3755.64	26644	-31404	43062	0.0298	544.95	0.163

Combinazioni SLEQ

Paramento

Combinazione n° 15 - SLEQ

Apertura limite fessure w_{lim}=0.30

n°	Y	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[m]	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1	0.00	100	40	0.00	0.00	0	0	0.000000	0.00	0.000
2	-0.27	100	42	0.00	0.00	-1	-641	0.000000	0.00	0.000
3	-0.55	100	43	0.00	0.00	-5	-1396	0.000000	0.00	0.000
4	-0.82	100	45	0.00	0.00	-11	-2272	0.000000	0.00	0.000
5	-1.10	100	47	0.00	0.00	-20	-3278	0.000000	0.00	0.000
6	-1.37	100	48	0.00	0.00	-31	-4423	0.000000	0.00	0.000
7	-1.65	100	50	0.00	0.00	-45	-5715	0.000000	0.00	0.000
8	-1.92	100	52	0.00	0.00	-62	-7162	0.000000	0.00	0.000
9	-2.20	100	53	0.00	0.00	-82	-8775	0.000000	0.00	0.000
10	-2.47	100	55	0.00	0.00	-105	-10561	0.000000	0.00	0.000
11	-2.75	100	57	0.00	0.00	-132	-12506	0.000000	0.00	0.000
12	-3.02	100	59	0.00	0.00	-157	-14040	0.000000	0.00	0.000
13	-3.30	100	60	0.00	0.00	-169	-13408	0.000000	0.00	0.000
14	-3.57	100	62	0.00	0.00	-150	-9871	0.000000	0.00	0.000
15	-3.85	100	64	0.00	0.00	-87	-4431	0.000000	0.00	0.000
16	-4.13	100	65	0.00	0.00	37	1612	0.000000	0.00	0.000
17	-4.40	100	67	0.00	0.00	238	13839	0.000000	0.00	0.000
18	-4.67	100	69	0.00	0.00	532	61377	0.000000	0.00	0.000
19	-4.95	100	70	0.00	0.00	933	351670	0.000000	0.00	0.000
20	-5.22	100	72	12.57	924.49	1458	86605	0.000000	0.00	0.000
21	-5.50	100	74	12.57	1607.81	2122	62494	0.000000	0.00	0.000

Piastra fondazione

Combinazione n° 15 - SLEQ

Apertura limite fessure w_{lim}=0.30

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-1-P	93	100	0.00	0.00	1319	0	0.000000	0.00	-1000.000
1-2-P	93	100	0.00	0.00	723	0	0.000000	0.00	-1000.000
1-3-P	93	100	0.00	0.00	14	0	0.000000	0.00	-1000.000
1-4-P	93	100	0.00	0.00	4	0	0.000000	0.00	-1000.000
1-5-P	93	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
1-6-P	93	100	0.00	0.00	2823	0	0.000000	0.00	-1000.000
1-7-P	93	100	0.00	0.00	2835	0	0.000000	0.00	-1000.000
1-8-P	93	100	0.00	0.00	4102	0	0.000000	0.00	-1000.000
1-9-P	93	100	0.00	0.00	4081	0	0.000000	0.00	-1000.000
1-10-P	93	100	0.00	0.00	3360	0	0.000000	0.00	-1000.000
1-11-P	93	100	0.00	0.00	2202	0	0.000000	0.00	-1000.000
1-12-P	93	100	0.00	0.00	76	0	0.000000	0.00	-1000.000
1-13-P	93	100	0.00	0.00	137	0	0.000000	0.00	-1000.000
1-14-P	93	100	0.00	0.00	38	0	0.000000	0.00	-1000.000
1-15-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-16-P	93	100	0.00	0.00	2967	0	0.000000	0.00	-1000.000
1-17-P	93	100	0.00	0.00	3448	0	0.000000	0.00	-1000.000
1-18-P	93	100	0.00	0.00	4865	0	0.000000	0.00	-1000.000
1-19-P	93	100	0.00	0.00	3518	0	0.000000	0.00	-1000.000
1-20-P	93	100	0.00	0.00	3045	0	0.000000	0.00	-1000.000
1-21-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-22-P	93	100	0.00	0.00	35	0	0.000000	0.00	-1000.000
1-23-P	93	100	0.00	0.00	99	0	0.000000	0.00	-1000.000
1-24-P	93	100	0.00	0.00	40	0	0.000000	0.00	-1000.000
1-25-P	93	100	0.00	0.00	1740	0	0.000000	0.00	-1000.000
1-26-P	93	100	0.00	0.00	2817	0	0.000000	0.00	-1000.000
1-27-P	93	100	0.00	0.00	3612	0	0.000000	0.00	-1000.000
1-28-P	93	100	0.00	0.00	3877	0	0.000000	0.00	-1000.000
1-29-P	93	100	0.00	0.00	2926	0	0.000000	0.00	-1000.000
1-30-P	93	100	0.00	0.00	2943	0	0.000000	0.00	-1000.000
1-31-P	93	100	0.00	0.00	34	0	0.000000	0.00	-1000.000
1-32-P	93	100	0.00	0.00	61	0	0.000000	0.00	-1000.000
1-33-P	93	100	0.00	0.00	39	0	0.000000	0.00	-1000.000
1-34-P	93	100	0.00	0.00	2	0	0.000000	0.00	-1000.000
1-35-P	93	100	0.00	0.00	2833	0	0.000000	0.00	-1000.000
1-36-P	93	100	0.00	0.00	2970	0	0.000000	0.00	-1000.000
1-37-P	93	100	0.00	0.00	4091	0	0.000000	0.00	-1000.000
1-38-P	93	100	0.00	0.00	3298	0	0.000000	0.00	-1000.000
1-39-P	93	100	0.00	0.00	2725	0	0.000000	0.00	-1000.000
1-40-P	93	100	0.00	0.00	532	0	0.000000	0.00	-1000.000
1-41-P	93	100	0.00	0.00	37	0	0.000000	0.00	-1000.000
1-42-P	93	100	0.00	0.00	122	0	0.000000	0.00	-1000.000
1-43-P	93	100	0.00	0.00	37	0	0.000000	0.00	-1000.000
1-44-P	93	100	0.00	0.00	532	0	0.000000	0.00	-1000.000
1-45-P	93	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
1-46-P	93	100	0.00	0.00	3298	0	0.000000	0.00	-1000.000
1-47-P	93	100	0.00	0.00	4091	0	0.000000	0.00	-1000.000
1-48-P	93	100	0.00	0.00	2970	0	0.000000	0.00	-1000.000
1-49-P	93	100	0.00	0.00	2833	0	0.000000	0.00	-1000.000
1-50-P	93	100	0.00	0.00	2	0	0.000000	0.00	-1000.000
1-51-P	93	100	0.00	0.00	39	0	0.000000	0.00	-1000.000
1-52-P	93	100	0.00	0.00	61	0	0.000000	0.00	-1000.000
1-53-P	93	100	0.00	0.00	34	0	0.000000	0.00	-1000.000
1-54-P	93	100	0.00	0.00	2943	0	0.000000	0.00	-1000.000
1-55-P	93	100	0.00	0.00	2927	0	0.000000	0.00	-1000.000
1-56-P	93	100	0.00	0.00	3879	0	0.000000	0.00	-1000.000
1-57-P	93	100	0.00	0.00	3615	0	0.000000	0.00	-1000.000
1-58-P	93	100	0.00	0.00	2819	0	0.000000	0.00	-1000.000
1-59-P	93	100	0.00	0.00	1741	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-60-P	93	100	0.00	0.00	40	0	0.000000	0.00	-1000.000
1-61-P	93	100	0.00	0.00	100	0	0.000000	0.00	-1000.000
1-62-P	93	100	0.00	0.00	36	0	0.000000	0.00	-1000.000
1-63-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-64-P	93	100	0.00	0.00	3053	0	0.000000	0.00	-1000.000
1-65-P	93	100	0.00	0.00	3530	0	0.000000	0.00	-1000.000
1-66-P	93	100	0.00	0.00	4879	0	0.000000	0.00	-1000.000
1-67-P	93	100	0.00	0.00	3460	0	0.000000	0.00	-1000.000
1-68-P	93	100	0.00	0.00	2975	0	0.000000	0.00	-1000.000
1-69-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-70-P	93	100	0.00	0.00	40	0	0.000000	0.00	-1000.000
1-71-P	93	100	0.00	0.00	139	0	0.000000	0.00	-1000.000
1-72-P	93	100	0.00	0.00	78	0	0.000000	0.00	-1000.000
1-73-P	93	100	0.00	0.00	2224	0	0.000000	0.00	-1000.000
1-74-P	93	100	0.00	0.00	3391	0	0.000000	0.00	-1000.000
1-75-P	93	100	0.00	0.00	4114	0	0.000000	0.00	-1000.000
1-76-P	93	100	0.00	0.00	4135	0	0.000000	0.00	-1000.000
1-77-P	93	100	0.00	0.00	2860	0	0.000000	0.00	-1000.000
1-78-P	93	100	0.00	0.00	2840	0	0.000000	0.00	-1000.000
1-79-P	93	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
1-80-P	93	100	0.00	0.00	4	0	0.000000	0.00	-1000.000
1-81-P	93	100	0.00	0.00	14	0	0.000000	0.00	-1000.000
1-82-P	93	100	0.00	0.00	721	0	0.000000	0.00	-1000.000
1-83-P	93	100	0.00	0.00	1322	0	0.000000	0.00	-1000.000
1-84-P	93	100	0.00	0.00	1651	0	0.000000	0.00	-1000.000
1-85-P	93	100	0.00	0.00	446	0	0.000000	0.00	-1000.000
2-1-P	93	100	0.00	0.00	205	0	0.000000	0.00	-1000.000
2-2-P	93	100	0.00	0.00	68	0	0.000000	0.00	-1000.000
2-3-P	93	100	0.00	0.00	51	0	0.000000	0.00	-1000.000
2-4-P	93	100	0.00	0.00	141	0	0.000000	0.00	-1000.000
2-5-P	93	100	0.00	0.00	407	0	0.000000	0.00	-1000.000
2-6-P	93	100	0.00	0.00	1364	0	0.000000	0.00	-1000.000
2-7-P	93	100	0.00	0.00	8	0	0.000000	0.00	-1000.000
2-8-P	93	100	0.00	0.00	3279	0	0.000000	0.00	-1000.000
2-9-P	93	100	0.00	0.00	3166	0	0.000000	0.00	-1000.000
2-10-P	93	100	0.00	0.00	2313	0	0.000000	0.00	-1000.000
2-11-P	93	100	0.00	0.00	1327	0	0.000000	0.00	-1000.000
2-12-P	93	100	0.00	0.00	505	0	0.000000	0.00	-1000.000
2-13-P	93	100	0.00	0.00	256	0	0.000000	0.00	-1000.000
2-14-P	93	100	0.00	0.00	366	0	0.000000	0.00	-1000.000
2-15-P	93	100	0.00	0.00	683	0	0.000000	0.00	-1000.000
2-16-P	93	100	0.00	0.00	1643	0	0.000000	0.00	-1000.000
2-17-P	93	100	0.00	0.00	2494	0	0.000000	0.00	-1000.000
2-18-P	93	100	0.00	0.00	3500	0	0.000000	0.00	-1000.000
2-19-P	93	100	0.00	0.00	2469	0	0.000000	0.00	-1000.000
2-20-P	93	100	0.00	0.00	1638	0	0.000000	0.00	-1000.000
2-21-P	93	100	0.00	0.00	585	0	0.000000	0.00	-1000.000
2-22-P	93	100	0.00	0.00	291	0	0.000000	0.00	-1000.000
2-23-P	93	100	0.00	0.00	183	0	0.000000	0.00	-1000.000
2-24-P	93	100	0.00	0.00	360	0	0.000000	0.00	-1000.000
2-25-P	93	100	0.00	0.00	871	0	0.000000	0.00	-1000.000
2-26-P	93	100	0.00	0.00	1711	0	0.000000	0.00	-1000.000
2-27-P	93	100	0.00	0.00	2611	0	0.000000	0.00	-1000.000
2-28-P	93	100	0.00	0.00	2806	0	0.000000	0.00	-1000.000
2-29-P	93	100	0.00	0.00	1859	0	0.000000	0.00	-1000.000
2-30-P	93	100	0.00	0.00	1249	0	0.000000	0.00	-1000.000
2-31-P	93	100	0.00	0.00	387	0	0.000000	0.00	-1000.000
2-32-P	93	100	0.00	0.00	191	0	0.000000	0.00	-1000.000
2-33-P	93	100	0.00	0.00	225	0	0.000000	0.00	-1000.000
2-34-P	93	100	0.00	0.00	422	0	0.000000	0.00	-1000.000
2-35-P	93	100	0.00	0.00	1295	0	0.000000	0.00	-1000.000
2-36-P	93	100	0.00	0.00	1975	0	0.000000	0.00	-1000.000
2-37-P	93	100	0.00	0.00	2948	0	0.000000	0.00	-1000.000
2-38-P	93	100	0.00	0.00	2339	0	0.000000	0.00	-1000.000
2-39-P	93	100	0.00	0.00	1487	0	0.000000	0.00	-1000.000
2-40-P	93	100	0.00	0.00	606	0	0.000000	0.00	-1000.000
2-41-P	93	100	0.00	0.00	296	0	0.000000	0.00	-1000.000
2-42-P	93	100	0.00	0.00	138	0	0.000000	0.00	-1000.000
2-43-P	93	100	0.00	0.00	296	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
2-44-P	93	100	0.00	0.00	606	0	0.000000	0.00	-1000.000
2-45-P	93	100	0.00	0.00	1486	0	0.000000	0.00	-1000.000
2-46-P	93	100	0.00	0.00	2339	0	0.000000	0.00	-1000.000
2-47-P	93	100	0.00	0.00	2948	0	0.000000	0.00	-1000.000
2-48-P	93	100	0.00	0.00	1975	0	0.000000	0.00	-1000.000
2-49-P	93	100	0.00	0.00	1295	0	0.000000	0.00	-1000.000
2-50-P	93	100	0.00	0.00	422	0	0.000000	0.00	-1000.000
2-51-P	93	100	0.00	0.00	225	0	0.000000	0.00	-1000.000
2-52-P	93	100	0.00	0.00	191	0	0.000000	0.00	-1000.000
2-53-P	93	100	0.00	0.00	387	0	0.000000	0.00	-1000.000
2-54-P	93	100	0.00	0.00	8	0	0.000000	0.00	-1000.000
2-55-P	93	100	0.00	0.00	1860	0	0.000000	0.00	-1000.000
2-56-P	93	100	0.00	0.00	2807	0	0.000000	0.00	-1000.000
2-57-P	93	100	0.00	0.00	2613	0	0.000000	0.00	-1000.000
2-58-P	93	100	0.00	0.00	1713	0	0.000000	0.00	-1000.000
2-59-P	93	100	0.00	0.00	873	0	0.000000	0.00	-1000.000
2-60-P	93	100	0.00	0.00	360	0	0.000000	0.00	-1000.000
2-61-P	93	100	0.00	0.00	183	0	0.000000	0.00	-1000.000
2-62-P	93	100	0.00	0.00	292	0	0.000000	0.00	-1000.000
2-63-P	93	100	0.00	0.00	587	0	0.000000	0.00	-1000.000
2-64-P	93	100	0.00	0.00	1645	0	0.000000	0.00	-1000.000
2-65-P	93	100	0.00	0.00	2478	0	0.000000	0.00	-1000.000
2-66-P	93	100	0.00	0.00	3511	0	0.000000	0.00	-1000.000
2-67-P	93	100	0.00	0.00	2506	0	0.000000	0.00	-1000.000
2-68-P	93	100	0.00	0.00	1655	0	0.000000	0.00	-1000.000
2-69-P	93	100	0.00	0.00	689	0	0.000000	0.00	-1000.000
2-70-P	93	100	0.00	0.00	371	0	0.000000	0.00	-1000.000
2-71-P	93	100	0.00	0.00	261	0	0.000000	0.00	-1000.000
2-72-P	93	100	0.00	0.00	512	0	0.000000	0.00	-1000.000
2-73-P	93	100	0.00	0.00	1349	0	0.000000	0.00	-1000.000
2-74-P	93	100	0.00	0.00	2343	0	0.000000	0.00	-1000.000
2-75-P	93	100	0.00	0.00	3199	0	0.000000	0.00	-1000.000
2-76-P	93	100	0.00	0.00	3311	0	0.000000	0.00	-1000.000
2-77-P	93	100	0.00	0.00	2216	0	0.000000	0.00	-1000.000
2-78-P	93	100	0.00	0.00	1383	0	0.000000	0.00	-1000.000
2-79-P	93	100	0.00	0.00	422	0	0.000000	0.00	-1000.000
2-80-P	93	100	0.00	0.00	153	0	0.000000	0.00	-1000.000
2-81-P	93	100	0.00	0.00	99	0	0.000000	0.00	-1000.000
2-82-P	93	100	0.00	0.00	96	0	0.000000	0.00	-1000.000
2-83-P	93	100	0.00	0.00	235	0	0.000000	0.00	-1000.000
2-84-P	93	100	0.00	0.00	428	0	0.000000	0.00	-1000.000
2-85-P	93	100	0.00	0.00	6390	0	0.000000	0.00	-1000.000
3-1-P	93	100	0.00	0.00	6181	0	0.000000	0.00	-1000.000
3-2-P	93	100	0.00	0.00	4717	0	0.000000	0.00	-1000.000
3-3-P	93	100	0.00	0.00	6800	0	0.000000	0.00	-1000.000
3-4-P	93	100	0.00	0.00	7517	0	0.000000	0.00	-1000.000
3-5-P	93	100	0.00	0.00	7985	0	0.000000	0.00	-1000.000
3-6-P	93	100	0.00	0.00	8453	0	0.000000	0.00	-1000.000
3-7-P	93	100	0.00	0.00	8597	0	0.000000	0.00	-1000.000
3-8-P	93	100	0.00	0.00	8741	0	0.000000	0.00	-1000.000
3-9-P	93	100	0.00	0.00	8672	0	0.000000	0.00	-1000.000
3-10-P	93	100	0.00	0.00	8461	0	0.000000	0.00	-1000.000
3-11-P	93	100	0.00	0.00	8236	0	0.000000	0.00	-1000.000
3-12-P	93	100	0.00	0.00	7956	0	0.000000	0.00	-1000.000
3-13-P	93	100	0.00	0.00	7675	0	0.000000	0.00	-1000.000
3-14-P	93	100	0.00	0.00	7744	0	0.000000	0.00	-1000.000
3-15-P	93	100	0.00	0.00	7901	0	0.000000	0.00	-1000.000
3-16-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
3-17-P	93	100	0.00	0.00	8136	0	0.000000	0.00	-1000.000
3-18-P	93	100	0.00	0.00	8237	0	0.000000	0.00	-1000.000
3-19-P	93	100	0.00	0.00	8061	0	0.000000	0.00	-1000.000
3-20-P	93	100	0.00	0.00	7885	0	0.000000	0.00	-1000.000
3-21-P	93	100	0.00	0.00	7672	0	0.000000	0.00	-1000.000
3-22-P	93	100	0.00	0.00	7436	0	0.000000	0.00	-1000.000
3-23-P	93	100	0.00	0.00	7287	0	0.000000	0.00	-1000.000
3-24-P	93	100	0.00	0.00	7485	0	0.000000	0.00	-1000.000
3-25-P	93	100	0.00	0.00	7683	0	0.000000	0.00	-1000.000
3-26-P	93	100	0.00	0.00	7830	0	0.000000	0.00	-1000.000
3-27-P	93	100	0.00	0.00	7964	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
3-28-P	93	100	0.00	0.00	7984	0	0.000000	0.00	-1000.000
3-29-P	93	100	0.00	0.00	7833	0	0.000000	0.00	-1000.000
3-30-P	93	100	0.00	0.00	7681	0	0.000000	0.00	-1000.000
3-31-P	93	100	0.00	0.00	7464	0	0.000000	0.00	-1000.000
3-32-P	93	100	0.00	0.00	7246	0	0.000000	0.00	-1000.000
3-33-P	93	100	0.00	0.00	7285	0	0.000000	0.00	-1000.000
3-34-P	93	100	0.00	0.00	7496	0	0.000000	0.00	-1000.000
3-35-P	93	100	0.00	0.00	7693	0	0.000000	0.00	-1000.000
3-36-P	93	100	0.00	0.00	7836	0	0.000000	0.00	-1000.000
3-37-P	93	100	0.00	0.00	7979	0	0.000000	0.00	-1000.000
3-38-P	93	100	0.00	0.00	7891	0	0.000000	0.00	-1000.000
3-39-P	93	100	0.00	0.00	7746	0	0.000000	0.00	-1000.000
3-40-P	93	100	0.00	0.00	7573	0	0.000000	0.00	-1000.000
3-41-P	93	100	0.00	0.00	7359	0	0.000000	0.00	-1000.000
3-42-P	93	100	0.00	0.00	7146	0	0.000000	0.00	-1000.000
3-43-P	93	100	0.00	0.00	7359	0	0.000000	0.00	-1000.000
3-44-P	93	100	0.00	0.00	7573	0	0.000000	0.00	-1000.000
3-45-P	93	100	0.00	0.00	7746	0	0.000000	0.00	-1000.000
3-46-P	93	100	0.00	0.00	7891	0	0.000000	0.00	-1000.000
3-47-P	93	100	0.00	0.00	7979	0	0.000000	0.00	-1000.000
3-48-P	93	100	0.00	0.00	7836	0	0.000000	0.00	-1000.000
3-49-P	93	100	0.00	0.00	7693	0	0.000000	0.00	-1000.000
3-50-P	93	100	0.00	0.00	7496	0	0.000000	0.00	-1000.000
3-51-P	93	100	0.00	0.00	7285	0	0.000000	0.00	-1000.000
3-52-P	93	100	0.00	0.00	7246	0	0.000000	0.00	-1000.000
3-53-P	93	100	0.00	0.00	7464	0	0.000000	0.00	-1000.000
3-54-P	93	100	0.00	0.00	7682	0	0.000000	0.00	-1000.000
3-55-P	93	100	0.00	0.00	7833	0	0.000000	0.00	-1000.000
3-56-P	93	100	0.00	0.00	7984	0	0.000000	0.00	-1000.000
3-57-P	93	100	0.00	0.00	7964	0	0.000000	0.00	-1000.000
3-58-P	93	100	0.00	0.00	7831	0	0.000000	0.00	-1000.000
3-59-P	93	100	0.00	0.00	7684	0	0.000000	0.00	-1000.000
3-60-P	93	100	0.00	0.00	7486	0	0.000000	0.00	-1000.000
3-61-P	93	100	0.00	0.00	7289	0	0.000000	0.00	-1000.000
3-62-P	93	100	0.00	0.00	7438	0	0.000000	0.00	-1000.000
3-63-P	93	100	0.00	0.00	8	0	0.000000	0.00	-1000.000
3-64-P	93	100	0.00	0.00	7888	0	0.000000	0.00	-1000.000
3-65-P	93	100	0.00	0.00	8065	0	0.000000	0.00	-1000.000
3-66-P	93	100	0.00	0.00	8242	0	0.000000	0.00	-1000.000
3-67-P	93	100	0.00	0.00	8143	0	0.000000	0.00	-1000.000
3-68-P	93	100	0.00	0.00	8044	0	0.000000	0.00	-1000.000
3-69-P	93	100	0.00	0.00	7911	0	0.000000	0.00	-1000.000
3-70-P	93	100	0.00	0.00	7757	0	0.000000	0.00	-1000.000
3-71-P	93	100	0.00	0.00	7690	0	0.000000	0.00	-1000.000
3-72-P	93	100	0.00	0.00	7974	0	0.000000	0.00	-1000.000
3-73-P	93	100	0.00	0.00	8258	0	0.000000	0.00	-1000.000
3-74-P	93	100	0.00	0.00	8486	0	0.000000	0.00	-1000.000
3-75-P	93	100	0.00	0.00	8700	0	0.000000	0.00	-1000.000
3-76-P	93	100	0.00	0.00	8769	0	0.000000	0.00	-1000.000
3-77-P	93	100	0.00	0.00	8621	0	0.000000	0.00	-1000.000
3-78-P	93	100	0.00	0.00	8472	0	0.000000	0.00	-1000.000
3-79-P	93	100	0.00	0.00	7892	0	0.000000	0.00	-1000.000
3-80-P	93	100	0.00	0.00	7312	0	0.000000	0.00	-1000.000
3-81-P	93	100	0.00	0.00	6413	0	0.000000	0.00	-1000.000
3-82-P	93	100	0.00	0.00	5302	0	0.000000	0.00	-1000.000
3-83-P	93	100	0.00	0.00	4215	0	0.000000	0.00	-1000.000
3-84-P	93	100	0.00	0.00	3135	0	0.000000	0.00	-1000.000
3-85-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-1-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-2-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-3-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-4-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-5-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-6-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-7-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-8-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-9-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-10-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-11-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
5-12-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-13-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-14-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-15-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-16-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-17-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-18-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-19-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-20-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-21-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-22-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-23-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-24-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-25-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-26-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-27-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-28-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-29-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-30-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-31-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-32-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-33-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-34-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-35-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-36-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-37-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-38-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-39-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-40-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-41-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-42-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-43-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-44-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-45-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-46-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-47-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-48-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-49-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-50-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-51-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-52-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-53-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-54-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-55-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-56-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-57-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-58-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-59-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-60-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-61-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-62-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-63-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-64-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-65-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-66-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-67-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-68-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-69-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-70-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-71-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-72-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-73-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-74-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-75-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-76-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-77-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-78-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-79-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-80-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
5-81-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-82-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-83-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-84-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-85-P	10	100	0.00	0.00	7410	0	0.000000	0.00	-1000.000
6-1-S	100	100	0.00	0.00	768	0	0.000000	0.00	-1000.000
6-2-S	100	100	0.00	0.00	199	0	0.000000	0.00	-1000.000
6-3-S	100	100	0.00	0.00	391	0	0.000000	0.00	-1000.000
6-4-S	100	100	0.00	0.00	148	0	0.000000	0.00	-1000.000
6-5-S	100	100	0.00	0.00	5	0	0.000000	0.00	-1000.000
6-6-S	100	100	0.00	0.00	53	0	0.000000	0.00	-1000.000
6-7-S	100	100	0.00	0.00	3359	0	0.000000	0.00	-1000.000
6-8-S	100	100	0.00	0.00	12595	0	0.000000	0.00	-1000.000
6-9-S	100	100	0.00	0.00	21605	0	0.000000	0.00	-1000.000
6-10-S	100	100	0.00	0.00	30566	0	0.000000	0.00	-1000.000
6-11-S	100	100	0.00	0.00	39501	0	0.000000	0.00	-1000.000
6-12-S	100	100	0.00	0.00	48495	0	0.000000	0.00	-1000.000
6-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
6-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
6-15-S	100	100	0.00	0.00	2774	0	0.000000	0.00	-1000.000
7-1-S	100	100	0.00	0.00	59	0	0.000000	0.00	-1000.000
7-2-S	100	100	0.00	0.00	333	0	0.000000	0.00	-1000.000
7-3-S	100	100	0.00	0.00	529	0	0.000000	0.00	-1000.000
7-4-S	100	100	0.00	0.00	221	0	0.000000	0.00	-1000.000
7-5-S	100	100	0.00	0.00	12	0	0.000000	0.00	-1000.000
7-6-S	100	100	0.00	0.00	606	0	0.000000	0.00	-1000.000
7-7-S	100	100	0.00	0.00	5737	0	0.000000	0.00	-1000.000
7-8-S	100	100	0.00	0.00	13731	0	0.000000	0.00	-1000.000
7-9-S	100	100	0.00	0.00	21877	0	0.000000	0.00	-1000.000
7-10-S	100	100	0.00	0.00	30036	0	0.000000	0.00	-1000.000
7-11-S	100	100	0.00	0.00	38170	0	0.000000	0.00	-1000.000
7-12-S	100	100	0.00	0.00	46223	0	0.000000	0.00	-1000.000
7-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
7-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
7-15-S	100	100	0.00	0.00	717	0	0.000000	0.00	-1000.000
8-1-S	100	100	0.00	0.00	221	0	0.000000	0.00	-1000.000
8-2-S	100	100	0.00	0.00	527	0	0.000000	0.00	-1000.000
8-3-S	100	100	0.00	0.00	693	0	0.000000	0.00	-1000.000
8-4-S	100	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
8-5-S	100	100	0.00	0.00	159	0	0.000000	0.00	-1000.000
8-6-S	100	100	0.00	0.00	1268	0	0.000000	0.00	-1000.000
8-7-S	100	100	0.00	0.00	7115	0	0.000000	0.00	-1000.000
8-8-S	100	100	0.00	0.00	13900	0	0.000000	0.00	-1000.000
8-9-S	100	100	0.00	0.00	21458	0	0.000000	0.00	-1000.000
8-10-S	100	100	0.00	0.00	29086	0	0.000000	0.00	-1000.000
8-11-S	100	100	0.00	0.00	36686	0	0.000000	0.00	-1000.000
8-12-S	100	100	0.00	0.00	44164	0	0.000000	0.00	-1000.000
8-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-15-S	100	100	0.00	0.00	10107	0	0.000000	0.00	-1000.000
9-1-S	100	100	0.00	0.00	492	0	0.000000	0.00	-1000.000
9-2-S	100	100	0.00	0.00	162	0	0.000000	0.00	-1000.000
9-3-S	100	100	0.00	0.00	264	0	0.000000	0.00	-1000.000
9-4-S	100	100	0.00	0.00	113	0	0.000000	0.00	-1000.000
9-5-S	100	100	0.00	0.00	7	0	0.000000	0.00	-1000.000
9-6-S	100	100	0.00	0.00	79	0	0.000000	0.00	-1000.000
9-7-S	100	100	0.00	0.00	2941	0	0.000000	0.00	-1000.000
9-8-S	100	100	0.00	0.00	12659	0	0.000000	0.00	-1000.000
9-9-S	100	100	0.00	0.00	20578	0	0.000000	0.00	-1000.000
9-10-S	100	100	0.00	0.00	28314	0	0.000000	0.00	-1000.000
9-11-S	100	100	0.00	0.00	35933	0	0.000000	0.00	-1000.000
9-12-S	100	100	0.00	0.00	43186	0	0.000000	0.00	-1000.000
9-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
9-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
9-15-S	100	100	0.00	0.00	588	0	0.000000	0.00	-1000.000
10-1-S	100	100	0.00	0.00	245	0	0.000000	0.00	-1000.000
10-2-S	100	100	0.00	0.00	439	0	0.000000	0.00	-1000.000
10-3-S	100	100	0.00	0.00	587	0	0.000000	0.00	-1000.000
10-4-S	100	100	0.00	0.00	310	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
10-5-S	100	100	0.00	0.00	73	0	0.000000	0.00	-1000.000
10-6-S	100	100	0.00	0.00	1374	0	0.000000	0.00	-1000.000
10-7-S	100	100	0.00	0.00	7356	0	0.000000	0.00	-1000.000
10-8-S	100	100	0.00	0.00	13338	0	0.000000	0.00	-1000.000
10-9-S	100	100	0.00	0.00	20509	0	0.000000	0.00	-1000.000
10-10-S	100	100	0.00	0.00	27790	0	0.000000	0.00	-1000.000
10-11-S	100	100	0.00	0.00	35049	0	0.000000	0.00	-1000.000
10-12-S	100	100	0.00	0.00	42220	0	0.000000	0.00	-1000.000
10-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
10-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
10-15-S	100	100	0.00	0.00	10135	0	0.000000	0.00	-1000.000
11-1-S	100	100	0.00	0.00	487	0	0.000000	0.00	-1000.000
11-2-S	100	100	0.00	0.00	185	0	0.000000	0.00	-1000.000
11-3-S	100	100	0.00	0.00	295	0	0.000000	0.00	-1000.000
11-4-S	100	100	0.00	0.00	138	0	0.000000	0.00	-1000.000
11-5-S	100	100	0.00	0.00	15	0	0.000000	0.00	-1000.000
11-6-S	100	100	0.00	0.00	19	0	0.000000	0.00	-1000.000
11-7-S	100	100	0.00	0.00	2601	0	0.000000	0.00	-1000.000
11-8-S	100	100	0.00	0.00	12108	0	0.000000	0.00	-1000.000
11-9-S	100	100	0.00	0.00	19910	0	0.000000	0.00	-1000.000
11-10-S	100	100	0.00	0.00	27529	0	0.000000	0.00	-1000.000
11-11-S	100	100	0.00	0.00	35032	0	0.000000	0.00	-1000.000
11-12-S	100	100	0.00	0.00	42178	0	0.000000	0.00	-1000.000
11-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-15-S	100	100	0.00	0.00	624	0	0.000000	0.00	-1000.000
12-1-S	100	100	0.00	0.00	143	0	0.000000	0.00	-1000.000
12-2-S	100	100	0.00	0.00	424	0	0.000000	0.00	-1000.000
12-3-S	100	100	0.00	0.00	561	0	0.000000	0.00	-1000.000
12-4-S	100	100	0.00	0.00	316	0	0.000000	0.00	-1000.000
12-5-S	100	100	0.00	0.00	35	0	0.000000	0.00	-1000.000
12-6-S	100	100	0.00	0.00	810	0	0.000000	0.00	-1000.000
12-7-S	100	100	0.00	0.00	6319	0	0.000000	0.00	-1000.000
12-8-S	100	100	0.00	0.00	12845	0	0.000000	0.00	-1000.000
12-9-S	100	100	0.00	0.00	20078	0	0.000000	0.00	-1000.000
12-10-S	100	100	0.00	0.00	27376	0	0.000000	0.00	-1000.000
12-11-S	100	100	0.00	0.00	34642	0	0.000000	0.00	-1000.000
12-12-S	100	100	0.00	0.00	41786	0	0.000000	0.00	-1000.000
12-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
12-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
12-15-S	100	100	0.00	0.00	2545	0	0.000000	0.00	-1000.000
13-1-S	100	100	0.00	0.00	96	0	0.000000	0.00	-1000.000
13-2-S	100	100	0.00	0.00	391	0	0.000000	0.00	-1000.000
13-3-S	100	100	0.00	0.00	577	0	0.000000	0.00	-1000.000
13-4-S	100	100	0.00	0.00	277	0	0.000000	0.00	-1000.000
13-5-S	100	100	0.00	0.00	43	0	0.000000	0.00	-1000.000
13-6-S	100	100	0.00	0.00	427	0	0.000000	0.00	-1000.000
13-7-S	100	100	0.00	0.00	4992	0	0.000000	0.00	-1000.000
13-8-S	100	100	0.00	0.00	12519	0	0.000000	0.00	-1000.000
13-9-S	100	100	0.00	0.00	19924	0	0.000000	0.00	-1000.000
13-10-S	100	100	0.00	0.00	27317	0	0.000000	0.00	-1000.000
13-11-S	100	100	0.00	0.00	34653	0	0.000000	0.00	-1000.000
13-12-S	100	100	0.00	0.00	41801	0	0.000000	0.00	-1000.000
13-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
13-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
13-15-S	100	100	0.00	0.00	7631	0	0.000000	0.00	-1000.000
14-1-S	100	100	0.00	0.00	509	0	0.000000	0.00	-1000.000
14-2-S	100	100	0.00	0.00	311	0	0.000000	0.00	-1000.000
14-3-S	100	100	0.00	0.00	484	0	0.000000	0.00	-1000.000
14-4-S	100	100	0.00	0.00	223	0	0.000000	0.00	-1000.000
14-5-S	100	100	0.00	0.00	22	0	0.000000	0.00	-1000.000
14-6-S	100	100	0.00	0.00	165	0	0.000000	0.00	-1000.000
14-7-S	100	100	0.00	0.00	3552	0	0.000000	0.00	-1000.000
14-8-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
14-9-S	100	100	0.00	0.00	19754	0	0.000000	0.00	-1000.000
14-10-S	100	100	0.00	0.00	27278	0	0.000000	0.00	-1000.000
14-11-S	100	100	0.00	0.00	34708	0	0.000000	0.00	-1000.000
14-12-S	100	100	0.00	0.00	41858	0	0.000000	0.00	-1000.000
14-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
14-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-15-S	100	100	0.00	0.00	581	0	0.000000	0.00	-1000.000
15-1-S	100	100	0.00	0.00	178	0	0.000000	0.00	-1000.000
15-2-S	100	100	0.00	0.00	496	0	0.000000	0.00	-1000.000
15-3-S	100	100	0.00	0.00	724	0	0.000000	0.00	-1000.000
15-4-S	100	100	0.00	0.00	362	0	0.000000	0.00	-1000.000
15-5-S	100	100	0.00	0.00	45	0	0.000000	0.00	-1000.000
15-6-S	100	100	0.00	0.00	989	0	0.000000	0.00	-1000.000
15-7-S	100	100	0.00	0.00	6877	0	0.000000	0.00	-1000.000
15-8-S	100	100	0.00	0.00	12856	0	0.000000	0.00	-1000.000
15-9-S	100	100	0.00	0.00	19995	0	0.000000	0.00	-1000.000
15-10-S	100	100	0.00	0.00	27241	0	0.000000	0.00	-1000.000
15-11-S	100	100	0.00	0.00	34469	0	0.000000	0.00	-1000.000
15-12-S	100	100	0.00	0.00	41620	0	0.000000	0.00	-1000.000
15-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
15-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
15-15-S	100	100	0.00	0.00	10151	0	0.000000	0.00	-1000.000
16-1-S	100	100	0.00	0.00	460	0	0.000000	0.00	-1000.000
16-2-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-3-S	100	100	0.00	0.00	6	0	0.000000	0.00	-1000.000
16-4-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-5-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-6-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-7-S	100	100	0.00	0.00	1881	0	0.000000	0.00	-1000.000
16-8-S	100	100	0.00	0.00	11733	0	0.000000	0.00	-1000.000
16-9-S	100	100	0.00	0.00	19595	0	0.000000	0.00	-1000.000
16-10-S	100	100	0.00	0.00	27243	0	0.000000	0.00	-1000.000
16-11-S	100	100	0.00	0.00	34768	0	0.000000	0.00	-1000.000
16-12-S	100	100	0.00	0.00	41919	0	0.000000	0.00	-1000.000
16-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-15-S	100	100	0.00	0.00	581	0	0.000000	0.00	-1000.000
17-1-S	100	100	0.00	0.00	178	0	0.000000	0.00	-1000.000
17-2-S	100	100	0.00	0.00	496	0	0.000000	0.00	-1000.000
17-3-S	100	100	0.00	0.00	724	0	0.000000	0.00	-1000.000
17-4-S	100	100	0.00	0.00	362	0	0.000000	0.00	-1000.000
17-5-S	100	100	0.00	0.00	45	0	0.000000	0.00	-1000.000
17-6-S	100	100	0.00	0.00	989	0	0.000000	0.00	-1000.000
17-7-S	100	100	0.00	0.00	6876	0	0.000000	0.00	-1000.000
17-8-S	100	100	0.00	0.00	12856	0	0.000000	0.00	-1000.000
17-9-S	100	100	0.00	0.00	19994	0	0.000000	0.00	-1000.000
17-10-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
17-11-S	100	100	0.00	0.00	34468	0	0.000000	0.00	-1000.000
17-12-S	100	100	0.00	0.00	41620	0	0.000000	0.00	-1000.000
17-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-15-S	100	100	0.00	0.00	7631	0	0.000000	0.00	-1000.000
18-1-S	100	100	0.00	0.00	510	0	0.000000	0.00	-1000.000
18-2-S	100	100	0.00	0.00	311	0	0.000000	0.00	-1000.000
18-3-S	100	100	0.00	0.00	484	0	0.000000	0.00	-1000.000
18-4-S	100	100	0.00	0.00	223	0	0.000000	0.00	-1000.000
18-5-S	100	100	0.00	0.00	22	0	0.000000	0.00	-1000.000
18-6-S	100	100	0.00	0.00	165	0	0.000000	0.00	-1000.000
18-7-S	100	100	0.00	0.00	3552	0	0.000000	0.00	-1000.000
18-8-S	100	100	0.00	0.00	12115	0	0.000000	0.00	-1000.000
18-9-S	100	100	0.00	0.00	19753	0	0.000000	0.00	-1000.000
18-10-S	100	100	0.00	0.00	27277	0	0.000000	0.00	-1000.000
18-11-S	100	100	0.00	0.00	34708	0	0.000000	0.00	-1000.000
18-12-S	100	100	0.00	0.00	41857	0	0.000000	0.00	-1000.000
18-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
18-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
18-15-S	100	100	0.00	0.00	2546	0	0.000000	0.00	-1000.000
19-1-S	100	100	0.00	0.00	97	0	0.000000	0.00	-1000.000
19-2-S	100	100	0.00	0.00	391	0	0.000000	0.00	-1000.000
19-3-S	100	100	0.00	0.00	578	0	0.000000	0.00	-1000.000
19-4-S	100	100	0.00	0.00	277	0	0.000000	0.00	-1000.000
19-5-S	100	100	0.00	0.00	43	0	0.000000	0.00	-1000.000
19-6-S	100	100	0.00	0.00	427	0	0.000000	0.00	-1000.000
19-7-S	100	100	0.00	0.00	4992	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
19-8-S	100	100	0.00	0.00	12519	0	0.000000	0.00	-1000.000
19-9-S	100	100	0.00	0.00	19924	0	0.000000	0.00	-1000.000
19-10-S	100	100	0.00	0.00	27317	0	0.000000	0.00	-1000.000
19-11-S	100	100	0.00	0.00	34653	0	0.000000	0.00	-1000.000
19-12-S	100	100	0.00	0.00	41800	0	0.000000	0.00	-1000.000
19-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
19-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
19-15-S	100	100	0.00	0.00	624	0	0.000000	0.00	-1000.000
20-1-S	100	100	0.00	0.00	143	0	0.000000	0.00	-1000.000
20-2-S	100	100	0.00	0.00	424	0	0.000000	0.00	-1000.000
20-3-S	100	100	0.00	0.00	561	0	0.000000	0.00	-1000.000
20-4-S	100	100	0.00	0.00	316	0	0.000000	0.00	-1000.000
20-5-S	100	100	0.00	0.00	35	0	0.000000	0.00	-1000.000
20-6-S	100	100	0.00	0.00	811	0	0.000000	0.00	-1000.000
20-7-S	100	100	0.00	0.00	6321	0	0.000000	0.00	-1000.000
20-8-S	100	100	0.00	0.00	12847	0	0.000000	0.00	-1000.000
20-9-S	100	100	0.00	0.00	20079	0	0.000000	0.00	-1000.000
20-10-S	100	100	0.00	0.00	27376	0	0.000000	0.00	-1000.000
20-11-S	100	100	0.00	0.00	34642	0	0.000000	0.00	-1000.000
20-12-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
20-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
20-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
20-15-S	100	100	0.00	0.00	10137	0	0.000000	0.00	-1000.000
21-1-S	100	100	0.00	0.00	487	0	0.000000	0.00	-1000.000
21-2-S	100	100	0.00	0.00	186	0	0.000000	0.00	-1000.000
21-3-S	100	100	0.00	0.00	296	0	0.000000	0.00	-1000.000
21-4-S	100	100	0.00	0.00	138	0	0.000000	0.00	-1000.000
21-5-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
21-6-S	100	100	0.00	0.00	112	0	0.000000	0.00	-1000.000
21-7-S	100	100	0.00	0.00	2604	0	0.000000	0.00	-1000.000
21-8-S	100	100	0.00	0.00	12112	0	0.000000	0.00	-1000.000
21-9-S	100	100	0.00	0.00	19914	0	0.000000	0.00	-1000.000
21-10-S	100	100	0.00	0.00	27532	0	0.000000	0.00	-1000.000
21-11-S	100	100	0.00	0.00	35034	0	0.000000	0.00	-1000.000
21-12-S	100	100	0.00	0.00	42180	0	0.000000	0.00	-1000.000
21-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
21-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
21-15-S	100	100	0.00	0.00	589	0	0.000000	0.00	-1000.000
22-1-S	100	100	0.00	0.00	246	0	0.000000	0.00	-1000.000
22-2-S	100	100	0.00	0.00	440	0	0.000000	0.00	-1000.000
22-3-S	100	100	0.00	0.00	588	0	0.000000	0.00	-1000.000
22-4-S	100	100	0.00	0.00	311	0	0.000000	0.00	-1000.000
22-5-S	100	100	0.00	0.00	74	0	0.000000	0.00	-1000.000
22-6-S	100	100	0.00	0.00	1382	0	0.000000	0.00	-1000.000
22-7-S	100	100	0.00	0.00	7365	0	0.000000	0.00	-1000.000
22-8-S	100	100	0.00	0.00	13348	0	0.000000	0.00	-1000.000
22-9-S	100	100	0.00	0.00	20519	0	0.000000	0.00	-1000.000
22-10-S	100	100	0.00	0.00	27800	0	0.000000	0.00	-1000.000
22-11-S	100	100	0.00	0.00	35059	0	0.000000	0.00	-1000.000
22-12-S	100	100	0.00	0.00	42229	0	0.000000	0.00	-1000.000
22-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
22-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
22-15-S	100	100	0.00	0.00	10108	0	0.000000	0.00	-1000.000
23-1-S	100	100	0.00	0.00	493	0	0.000000	0.00	-1000.000
23-2-S	100	100	0.00	0.00	162	0	0.000000	0.00	-1000.000
23-3-S	100	100	0.00	0.00	263	0	0.000000	0.00	-1000.000
23-4-S	100	100	0.00	0.00	113	0	0.000000	0.00	-1000.000
23-5-S	100	100	0.00	0.00	7	0	0.000000	0.00	-1000.000
23-6-S	100	100	0.00	0.00	79	0	0.000000	0.00	-1000.000
23-7-S	100	100	0.00	0.00	2954	0	0.000000	0.00	-1000.000
23-8-S	100	100	0.00	0.00	12679	0	0.000000	0.00	-1000.000
23-9-S	100	100	0.00	0.00	20600	0	0.000000	0.00	-1000.000
23-10-S	100	100	0.00	0.00	28338	0	0.000000	0.00	-1000.000
23-11-S	100	100	0.00	0.00	35959	0	0.000000	0.00	-1000.000
23-12-S	100	100	0.00	0.00	43213	0	0.000000	0.00	-1000.000
23-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
23-14-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
23-15-S	100	100	0.00	0.00	720	0	0.000000	0.00	-1000.000
24-1-S	100	100	0.00	0.00	224	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
24-2-S	100	100	0.00	0.00	530	0	0.000000	0.00	-1000.000
24-3-S	100	100	0.00	0.00	698	0	0.000000	0.00	-1000.000
24-4-S	100	100	0.00	0.00	463	0	0.000000	0.00	-1000.000
24-5-S	100	100	0.00	0.00	164	0	0.000000	0.00	-1000.000
24-6-S	100	100	0.00	0.00	1281	0	0.000000	0.00	-1000.000
24-7-S	100	100	0.00	0.00	7139	0	0.000000	0.00	-1000.000
24-8-S	100	100	0.00	0.00	13931	0	0.000000	0.00	-1000.000
24-9-S	100	100	0.00	0.00	21498	0	0.000000	0.00	-1000.000
24-10-S	100	100	0.00	0.00	29136	0	0.000000	0.00	-1000.000
24-11-S	100	100	0.00	0.00	36746	0	0.000000	0.00	-1000.000
24-12-S	100	100	0.00	0.00	44235	0	0.000000	0.00	-1000.000
24-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
24-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
24-15-S	100	100	0.00	0.00	2773	0	0.000000	0.00	-1000.000
25-1-S	100	100	0.00	0.00	58	0	0.000000	0.00	-1000.000
25-2-S	100	100	0.00	0.00	332	0	0.000000	0.00	-1000.000
25-3-S	100	100	0.00	0.00	528	0	0.000000	0.00	-1000.000
25-4-S	100	100	0.00	0.00	219	0	0.000000	0.00	-1000.000
25-5-S	100	100	0.00	0.00	11	0	0.000000	0.00	-1000.000
25-6-S	100	100	0.00	0.00	613	0	0.000000	0.00	-1000.000
25-7-S	100	100	0.00	0.00	5760	0	0.000000	0.00	-1000.000
25-8-S	100	100	0.00	0.00	13755	0	0.000000	0.00	-1000.000
25-9-S	100	100	0.00	0.00	21920	0	0.000000	0.00	-1000.000
25-10-S	100	100	0.00	0.00	30098	0	0.000000	0.00	-1000.000
25-11-S	100	100	0.00	0.00	38269	0	0.000000	0.00	-1000.000
25-12-S	100	100	0.00	0.00	46416	0	0.000000	0.00	-1000.000
25-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
25-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
25-15-S	100	100	0.00	0.00	7407	0	0.000000	0.00	-1000.000
26-1-S	100	100	0.00	0.00	766	0	0.000000	0.00	-1000.000
26-2-S	100	100	0.00	0.00	201	0	0.000000	0.00	-1000.000
26-3-S	100	100	0.00	0.00	389	0	0.000000	0.00	-1000.000
26-4-S	100	100	0.00	0.00	137	0	0.000000	0.00	-1000.000
26-5-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
26-6-S	100	100	0.00	0.00	61	0	0.000000	0.00	-1000.000
26-7-S	100	100	0.00	0.00	3499	0	0.000000	0.00	-1000.000
26-8-S	100	100	0.00	0.00	12931	0	0.000000	0.00	-1000.000
26-9-S	100	100	0.00	0.00	21651	0	0.000000	0.00	-1000.000
26-10-S	100	100	0.00	0.00	30272	0	0.000000	0.00	-1000.000
26-11-S	100	100	0.00	0.00	39091	0	0.000000	0.00	-1000.000
26-12-S	100	100	0.00	0.00	48607	0	0.000000	0.00	-1000.000
26-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
26-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
26-15-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000

Pali in c.a.

Combinazione n° 15 - SLEQ

Apertura limite fessure w_{lim}=0.300 mm

Ip	Is	Af	Aeff	Mpf	M	N	ε	Sm	wm
		[cmq]	[cmq]	[kgm]	[kgm]	[kg]	[%]	[mm]	[mm]
1	1	74.33	4383.74	23053	-25990	8251	0.0318	544.80	0.173
2	1	63.71	3755.64	25969	-25990	36525	0.0245	544.95	0.133

Risultati per inviluppo

Spinta e forze

Simbologia adottata

Ic Indice della combinazione

A Tipo azione

I Inclinazione della spinta, espressa in [°]

V Valore dell'azione, espressa in [kg]

C_X, C_Y Componente in direzione X ed Y dell'azione, espressa in [kg]

P_X, P_Y Coordinata X ed Y del punto di applicazione dell'azione, espressa in [m]

Ic	A	V	I	C_X	C_Y	P_X	P_Y
		[kg]	[°]	[kg]	[kg]	[m]	[m]
1	Spinta statica	16443	13.40	15995	3811	0.10	-4.55
	Peso/Inerzia muro			0	16904/0	-1.06	-4.62
	Peso/Inerzia terrapieno			0	1171/0	0.05	-2.75
2	Spinta statica	5484	13.40	5335	1271	0.10	-5.22
	Incremento di spinta sismica		10262	9983	2378	0.10	-4.33
	Peso/Inerzia muro			4953	16904/2476	-1.06	-4.62
	Peso/Inerzia terrapieno			297	1015/149	0.05	-2.75

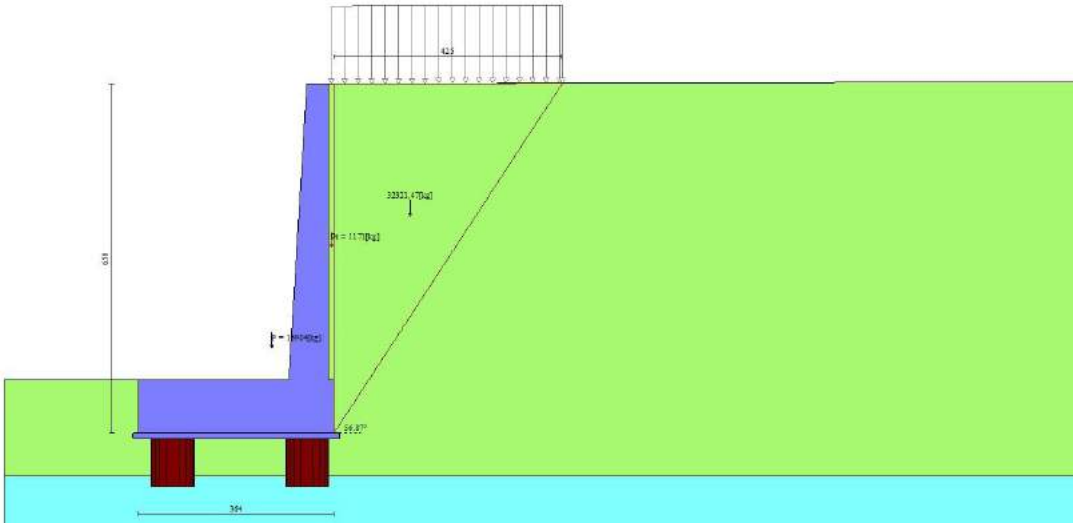

Fig. 42 - Cuneo di spinta (combinazione statica) (Combinazione n° 1)

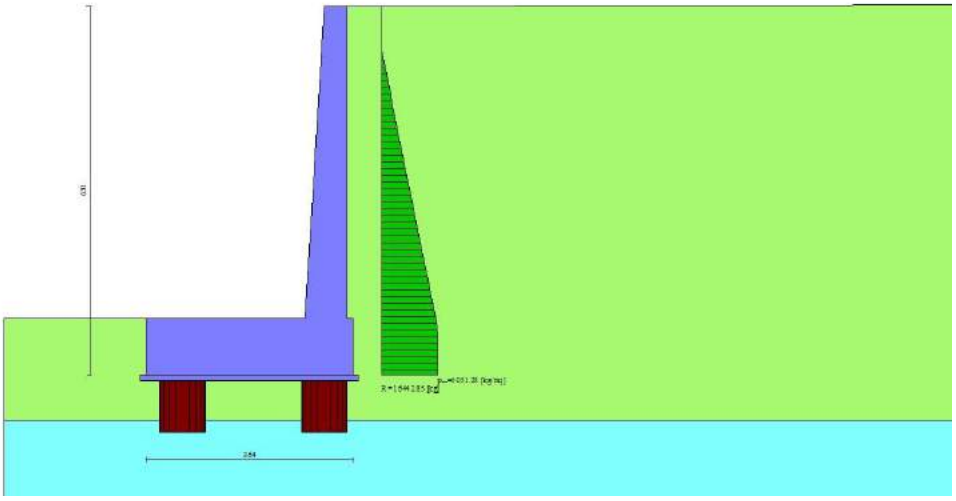

Fig. 43 - Diagramma delle pressioni (combinazione statica) (Combinazione n° 1)

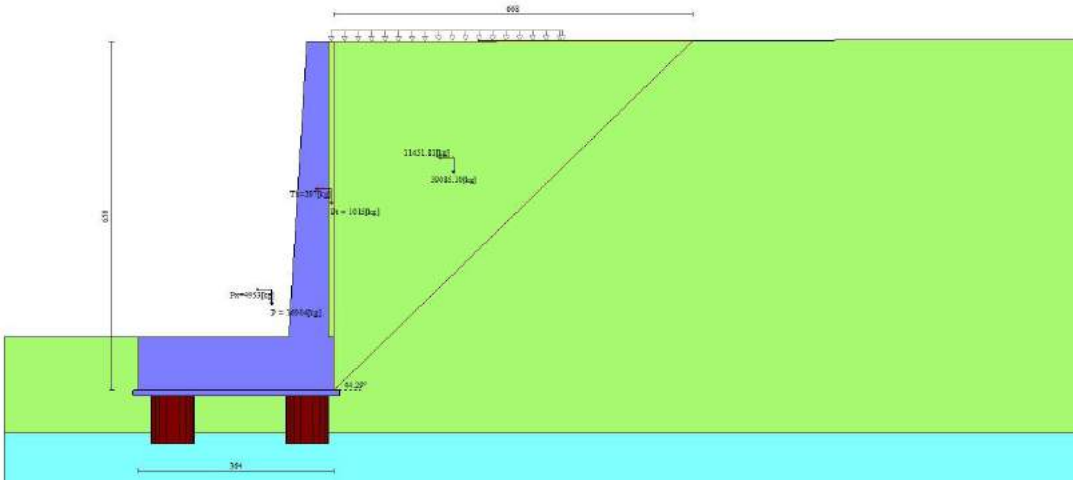

Fig. 44 - Cuneo di spinta (combinazione sismica) (Combinazione n° 2)

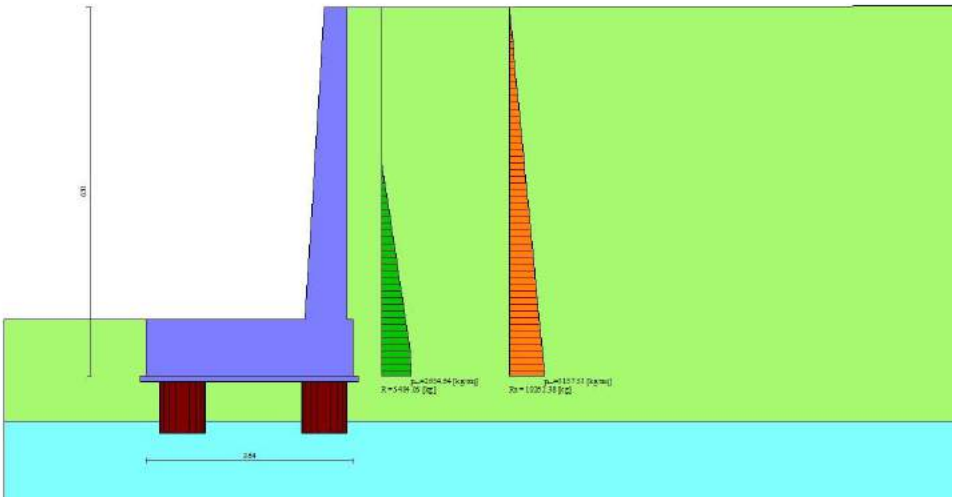

Fig. 45 - Diagramma delle pressioni (combinazione sismica) (Combinazione n° 2)

Scarichi in testa ai pali

Simbologia adottata

Cmb Indice/Tipo combinazione

Ip Indice palo

N Sforzo normale, espresso in [kg]

M Momento, espresso in [kgm]

T Taglio, espresso in [kg]

Cmb	Ip	N	M	T
		[kg]	*[kgm]*	*[kg]*
1 - STR (A1-M1-R3)	1	-43955	-72268	-18661
	2	95021	-72268	-18661
2 - STR (A1-M1-R3) H + V	1	-63486	-92435	-23996
	2	119936	-92435	-23996

Verifiche geotecniche

Quadro riassuntivo coeff. di sicurezza calcolati

Simbologia adottata

Cmb Indice/Tipo combinazione

S Sisma (H: componente orizzontale, V: componente verticale)

FS_{SCO} Coeff. di sicurezza allo scorrimento

FS_{RIB} Coeff. di sicurezza al ribaltamento

FS_{QLIM} Coeff. di sicurezza a carico limite

FS_{STAB} Coeff. di sicurezza a stabilità globale

FS_{HYD} Coeff. di sicurezza a sifonamento

FS_{UPL} Coeff. di sicurezza a sollevamento

Cmb	Sismica	FS_{SCO}	FS_{RIB}	FS_{QLIM}	FS_{STAB}	FS_{HYD}	FS_{UPL}
1 - STR (A1-M1-R3)		1.296					

Cmb	Sismica	FS_{SCO}	FS_{RIB}	FS_{OLIM}	FS_{STAB}	FS_{HYD}	FS_{UPL}
2 - STR (A1-M1-R3)	H + V	1.013					
3 - STR (A1-M1-R3)	H - V	1.288					
4 - STR (A1-M1-R3)		1.285					
5 - STR (A1-M1-R3)		1.294					
6 - STR (A1-M1-R3)		1.287					
7 - GEO (A2-M2-R2)					4.011		
8 - GEO (A2-M2-R2)	H + V				2.226		
9 - GEO (A2-M2-R2)	H - V				1.906		
10 - EQU (A1-M1-R3)			7.647				
11 - EQU (A1-M1-R3)	H + V		6.275				
12 - EQU (A1-M1-R3)	H - V		6.480				

Verifiche portanza trasversale (scorrimento)

Simbologia adottata

Ic Indice/Tipo combinazione

Ip Indice palo

T Carico orizzontale agente alla testa del palo, espresso in [kg]

Td Portanza trasversale di progetto, espresso in [kg]

FS_O Fattore di sicurezza (Td/T)

Ic	Ip	T	Td	FS_O
		[kg]	*[kg]*	
4 - STR (A1-M1-R3)	1	-18661	23703	1.270
	2	-18661	23703	1.270
2 - STR (A1-M1-R3) H + V	1	-23996	24022	1.001
	2	-23996	24022	1.001

Verifiche portanza verticale

Simbologia adottata

Ic Indice/Tipo combinazione

Ip Indice palo

N Carico verticale agente alla testa del palo, espresso in [kg]

Pd Portanza di progetto, espresso in [kg]

FS_V Fattore di sicurezza (Pd/N)

Ic	Ip	N	Pd	FS_V
		[kg]	*[kg]*	
1 - STR (A1-M1-R3)	1	-43955	76824	1.748
	2	95021	156550	1.648
2 - STR (A1-M1-R3) H + V	1	-63486	76824	1.210
	2	119936	156550	1.305
2 - STR (A1-M1-R3) H + V	1	-63486	76824	1.210
	2	119936	156550	1.305
4 - STR (A1-M1-R3)	1	-34892	76824	2.202
	2	98484	156550	1.590
6 - STR (A1-M1-R3)	1	-35643	76824	2.155
	2	98542	156550	1.589

Dettagli calcolo portanza verticale

Simbologia adottata

n° Indice palo

Nc, Nq Coeff. di capacità portante
N'c, N'q Coeff. di capacità portante corretti
Zc Massima profondità andamento pressione geostatica, espressa in [m]
Pp, Pl Portanza di punta e laterale caratteristica, espresse in [kg]
A Attrito negativo, espresso in [kg]
Wp Peso palo, espresso in [kg]

n°	Nc	N'c	Nq	N'q	Zc	Pp	Pl	A	Wp
					[m]	[kg]	[kg]	[kg]	[kg]
1	36.815	36.815	13.104	13.104	--	0 0	110923 110923	0	21363
2	36.815	36.815	13.104	13.104	--	254078 254078	110923 110923	0	21363

Verifica a ribaltamento

Simbologia adottata

n° Indice combinazione
Ms Momento stabilizzante, espresso in [kgm]
Mr Momento ribaltante, espresso in [kgm]
FS Fattore di sicurezza (rapporto tra momento stabilizzante e momento ribaltante)
La verifica viene eseguita rispetto allo spigolo inferiore esterno della fondazione

n°	Ms	Mr	FS
	[kgm]	[kgm]	
10 - EQU (A1-M1-R3)	238226	31154	7.647
11 - EQU (A1-M1-R3) H + V	243747	38846	6.275

Verifica stabilità globale muro + terreno

Simbologia adottata

Ic Indice/Tipo combinazione
C Centro superficie di scorrimento, espresso in [m]
R Raggio, espresso in [m]
FS Fattore di sicurezza

Ic	C	R	FS
	[m]	[m]	
7 - GEO (A2-M2-R2)	-3.73; 2.13	9.46	4.011
9 - GEO (A2-M2-R2) H - V	-2.67; 4.80	28.39	1.906

Dettagli strisce verifiche stabilità

Simbologia adottata

Le ascisse X sono considerate positive verso monte
Le ordinate Y sono considerate positive verso l'alto
Origine in testa al muro (spigolo contro terra)
W peso della striscia espresso in [kg]
Qy carico sulla striscia espresso in [kg]
α angolo fra la base della striscia e l'orizzontale espresso in [°] (positivo antiorario)
ϕ angolo d'attrito del terreno lungo la base della striscia
c coesione del terreno lungo la base della striscia espressa in [kg/cmq]
b larghezza della striscia espressa in [m]
u pressione neutra lungo la base della striscia espressa in [kg/cmq]
Tx; Ty Resistenza al taglio fornita dai tiranti in direzione X ed Y espressa in [kg/cmq]

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]
1	932	0	5.49 - 0.59	71.279	16.318	0.15	0.000	
2	2459	149	0.59	62.019	16.318	0.15	0.000	
3	3505	1852	0.59	55.053	16.318	0.15	0.000	
4	4322	1852	0.59	49.169	16.318	0.15	0.000	
5	4991	1852	0.59	43.928	16.318	0.15	0.000	
6	5551	1852	0.59	39.119	16.318	0.15	0.000	
7	6025	1852	0.59	34.621	16.318	0.15	0.000	
8	6427	1852	0.59	30.357	16.318	0.15	0.000	
9	6767	1852	0.59	26.273	16.318	0.15	0.000	
10	9090	322	0.59	22.328	16.318	0.15	0.000	
11	3631	0	0.59	18.493	16.318	0.15	0.000	
12	2023	0	0.59	14.742	16.318	0.15	0.000	
13	2168	0	0.59	11.055	16.318	0.15	0.000	
14	2271	0	0.59	7.414	16.318	0.15	0.000	
15	2333	0	0.59	3.803	16.318	0.15	0.000	
16	2033	0	0.59	0.208	16.318	0.15	0.000	
17	1923	0	0.59	-3.387	16.318	0.15	0.000	
18	1865	0	0.59	-6.996	16.318	0.15	0.000	
19	1767	0	0.59	-10.633	16.318	0.15	0.000	
20	1627	0	0.59	-14.313	16.318	0.15	0.000	
21	1443	0	0.59	-18.056	16.318	0.15	0.000	
22	1213	0	0.59	-21.880	16.318	0.15	0.000	
23	933	0	0.59	-25.811	16.318	0.15	0.000	
24	598	0	0.59	-29.877	16.318	0.15	0.000	
25	203	0	-9.33 - 0.59	-33.384	16.318	0.15	0.000	

Resistenza al taglio pali 92063 [kg]

n°	W	Qy	b	α	ϕ	c	u	Tx; Ty
	[kg]	[kg]	[m]	[°]	[°]	[kg/cmq]	[kg/cmq]	[kg]
1	13843	0	25.33 - 2.18	72.852	20.100	0.19	0.000	
2	35359	0	2.18	60.893	20.100	0.19	0.000	
3	49000	0	2.18	52.736	21.200	0.11	0.000	
4	61076	0	2.18	45.941	21.200	0.11	0.000	
5	70932	0	2.18	39.911	21.200	0.11	0.000	
6	78943	0	2.18	34.380	21.200	0.11	0.000	
7	85487	0	2.18	29.196	21.200	0.11	0.000	
8	90799	0	2.18	24.266	21.200	0.11	0.000	
9	95032	0	2.18	19.521	21.200	0.11	0.000	
10	98290	403	2.18	14.912	21.200	0.11	0.000	
11	100645	1089	2.18	10.401	21.200	0.11	0.000	
12	102549	658	2.18	5.955	21.200	0.11	0.000	
13	82792	0	2.18	1.545	21.200	0.11	0.000	
14	81528	0	2.18	-2.856	21.200	0.11	0.000	
15	80209	0	2.18	-7.274	21.200	0.11	0.000	
16	78437	0	2.18	-11.736	21.200	0.11	0.000	
17	75798	0	2.18	-16.272	21.200	0.11	0.000	
18	72237	0	2.18	-20.917	21.200	0.11	0.000	
19	67674	0	2.18	-25.711	21.200	0.11	0.000	
20	61993	0	2.18	-30.709	21.200	0.11	0.000	
21	55020	0	2.18	-35.985	21.200	0.11	0.000	
22	46487	0	2.18	-41.645	21.200	0.11	0.000	
23	35950	0	2.18	-47.867	21.200	0.11	0.000	
24	23432	0	2.18	-54.978	20.100	0.19	0.000	
25	8582	0	-29.13 - 2.18	-63.668	20.100	0.19	0.000	

Resistenza al taglio pali 0 [kg]

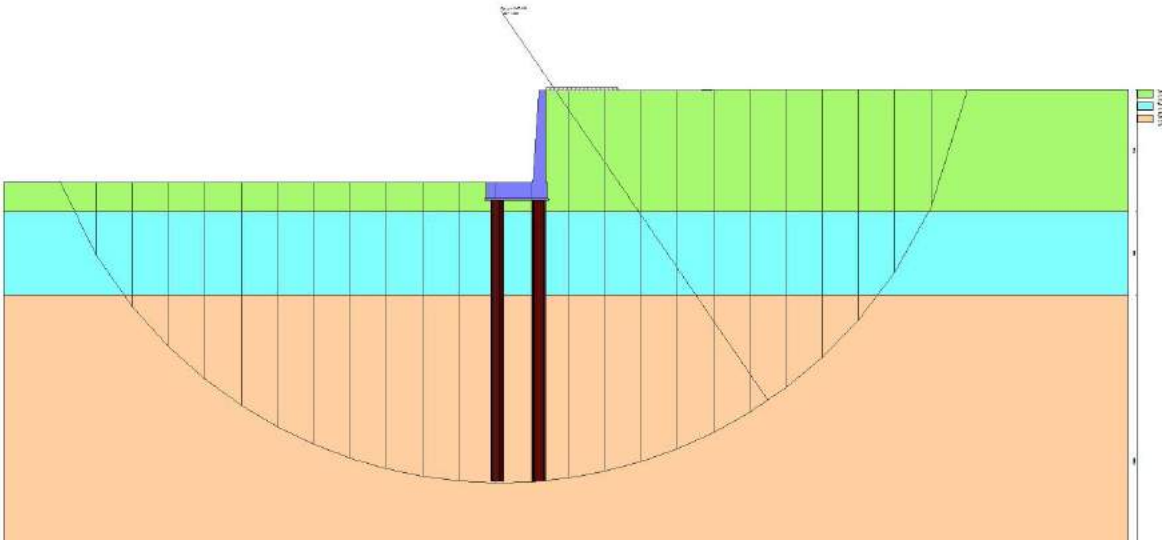

Fig. 46 - Stabilità fronte di scavo - Cerchio critico (Combinazione n° 9)

Sollecitazioni

Elementi calcolati a trave

Simbologia adottata

N Sforzo normale, espresso in [kg]. Positivo se di compressione.

T Taglio, espresso in [kg]. Positivo se diretto da monte verso valle

M Momento, espresso in [kgm]. Positivo se tende le fibre contro terra (a monte)

Elementi calcolati a piastra

Simbologia adottata

Mx, My Momenti flettenti, espresso in [kgm]

Mxy Momento torcente, espresso in [kgm]. Positivo se diretto da monte verso valle

Tx, Ty Tagli, espresso in [kg]. Positivo se tende le fibre contro terra (a monte)

I momenti flettenti sono positivi se tendono le fibre inferiori (intradosso fondazione, paramento esterno)

Paramento

n°	X	N_{min}	N_{max}	T_{min}	T_{max}	M_{min}	M_{max}
	[m]	*[kg]*	*[kg]*	*[kg]*	*[kg]*	*[kgm]*	*[kgm]*
1	0.00	0	0	0	0	0	0
2	-0.27	281	365	0	99	-2	12
3	-0.55	573	745	0	237	-6	53
4	-0.82	877	1140	0	412	-14	136
5	-1.10	1193	1550	0	625	-20	269
6	-1.37	1520	1975	0	875	-31	463
7	-1.65	1858	2416	0	1164	-45	728
8	-1.92	2208	2871	0	1490	-62	1075
9	-2.20	2570	3341	0	1854	-82	1514
10	-2.47	2943	3826	0	2256	-105	2055
11	-2.75	3328	4327	2	2697	-132	2708
12	-3.02	3725	4842	37	3210	-157	3489
13	-3.30	4133	5372	129	3817	-169	4420
14	-3.57	4552	5918	278	4519	-150	5527
15	-3.85	4983	6478	485	5316	-87	6837
16	-4.13	5426	7054	748	6208	37	8376
17	-4.40	5880	7644	1069	7195	238	10169

n°	X	N_{min}	N_{max}	T_{min}	T_{max}	M_{min}	M_{max}
	[m]	*[kg]*	*[kg]*	*[kg]*	*[kg]*	*[kgm]*	*[kgm]*
18	-4.67	6346	8250	1447	8277	532	12243
19	-4.95	6823	8870	1883	9455	933	14623
20	-5.22	7312	9506	2376	10728	1458	17337
21	-5.50	7813	10157	2926	12096	2122	20409

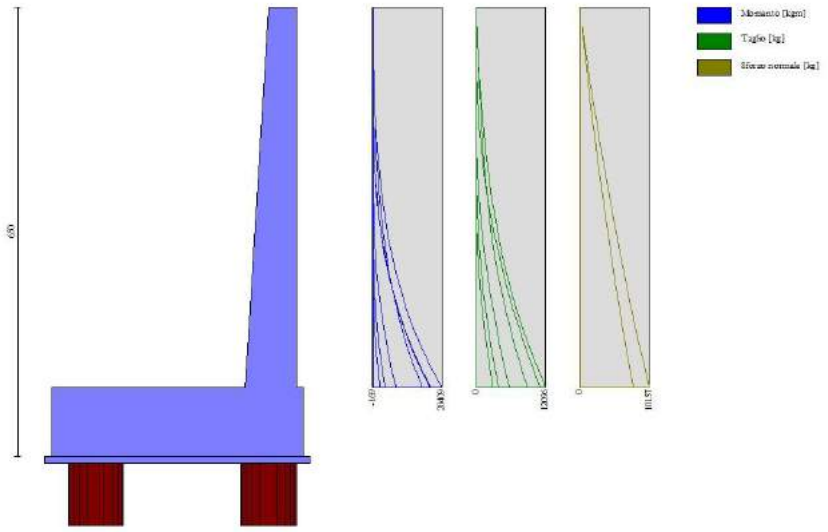

Fig. 47 - Paramento

Piastra fondazione

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*	
1	-91 -232	990 268	-1837 -6477	-6474 -23345	19513 5909	MAX MIN
2	-4807 -16362	-6496 -22571	-1170 -4000	-8792 -30660	4745 1608	MAX MIN
3	-188 -782	-5858 -19837	-5197 -18501	49381 14887	-2759 -11226	MAX MIN
4	2594 794	-3333 -11148	-110 -473	18956 5605	2995 1486	MAX MIN
5	1001 242	37425 10732	700 165	-1995 -5934	-4169 -20391	MAX MIN
6	-11406 -37797	-15529 -51839	-963 -3327	2940 868	-26061 -94119	MAX MIN
7	-1474 -4833	-3292 -9105	-697 -2596	11309 3231	-11037 -42543	MAX MIN
8	-260 -779	-2601 -6822	-978 -3799	17399 4996	-7964 -32767	MAX MIN
9	-2878 -10006	-8597 -28847	-308 -962	-1099 -3967	-32023 -115131	MAX MIN
10	-2288 -8207	-5809 -20207	3265 903	20097 5324	7682 2331	MAX MIN
11	4275 1439	-3657 -12402	13434 3721	-13234 -43765	-34 -1855	MAX MIN
12	-521 -1452	-1819 -4001	311 -16	-4477 -15797	-7443 -30647	MAX MIN
13	-141 -537	20045 4150	-451 -1460	-890 -4462	-13766 -55864	MAX MIN
14	-830 -3918	20230 4201	-405 -1446	-1087 -5335	-12486 -50724	MAX MIN
15	2577 474	19659 3996	-447 -1273	-909 -4070	-14153 -57611	MAX MIN
16	6624	21763	-370	-803	-11667	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
	1491	4524	-1017	-3316	-49147	MIN
17	10630	3819	-120	-732	7674	MAX
	3318	1118	-320	-2201	2457	MIN
18	5397	-1549	-235	-281	269	MAX
	1765	-5065	-686	-1065	-1175	MIN
19	4455	-142	-292	-221	-4626	MAX
	1254	-1101	-849	-992	-21148	MIN
20	8226	21743	-308	93	-8622	MAX
	1876	4430	-928	-7	-38742	MIN
21	11891	52908	643	-541	-12121	MAX
	2630	11792	-3	-2538	-53225	MIN
22	22943	69120	3373	-334	-11458	MAX
	5165	15549	601	-652	-48939	MIN
23	14604	53187	-275	-206	-11699	MAX
	3265	11772	-544	-1306	-52580	MIN
24	15378	51807	-374	37	-10381	MAX
	3381	11257	-1086	-323	-48279	MIN
25	15523	50423	-256	611	-9473	MAX
	3371	10790	-783	243	-45161	MIN
26	-1819	-5389	-1271	-6766	7454	MAX
	-6500	-18761	-4374	-24420	2291	MIN
27	5100	-3454	-3907	40400	-2	MAX
	1634	-11686	-13822	12277	-1890	MIN
28	-457	-1716	-599	14513	-7047	MAX
	-984	-3585	-2142	4238	-29483	MIN
29	6950	21471	-243	2405	-10925	MAX
	1482	4362	-814	755	-46727	MIN
30	15108	49820	-128	921	-9490	MAX
	3231	10586	-395	301	-45209	MIN
31	20624	68745	343	0	-11757	MAX
	4595	15317	-67	0	-53189	MIN
32	20384	67948	-152	0	-11184	MAX
	4473	14909	-206	0	-52352	MIN
33	19750	65835	-297	0	-9914	MAX
	4247	14156	-848	0	-48165	MIN
34	19111	63704	-216	0	-9035	MAX
	4044	13480	-664	0	-45110	MIN
35	18830	62766	-120	0	-8929	MAX
	3954	13179	-376	0	-44696	MIN
36	18830	62766	-120	0	-8929	MAX
	3954	13179	-376	0	-44696	MIN
37	18830	62766	-120	0	-8929	MAX
	3954	13179	-376	0	-44696	MIN
38	18830	62766	-120	0	-8929	MAX
	3954	13179	-376	0	-44696	MIN
39	18830	62766	-120	0	-8929	MAX
	3954	13179	-376	0	-44696	MIN
40	18830	62766	-120	0	-8929	MAX
	3954	13179	-376	0	-44696	MIN
41	18830	62766	-120	0	-8929	MAX
	3954	13179	-376	0	-44696	MIN
42	5493	33913	-131	-543	-4129	MAX
	1507	9739	-408	-1773	-20159	MIN
43	-10966	-14961	-181	8	-24943	MAX
	-36197	-49940	-561	-62	-90441	MIN
44	-3111	-8131	-222	183	-30679	MAX
	-10289	-26990	-693	87	-110980	MIN
45	4852	19502	-192	526	-13049	MAX
	858	3808	-611	187	-54241	MIN
46	14743	49458	-142	588	-9721	MAX
	3116	10468	-462	190	-45982	MIN
47	18647	62156	-116	0	-8946	MAX
	3896	12988	-379	0	-44719	MIN
48	18647	62156	-116	0	-8946	MAX
	3896	12988	-379	0	-44719	MIN
49	-19	-64	3	0	-633	MAX
	-25	-83	2	0	-819	MIN
50	-19	-63	0	0	-632	MAX
	-24	-82	0	0	-818	MIN
51	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
52	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
53	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
54	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
55	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
56	-1858	-5372	3560	20921	7500	MAX
	-6500	-18693	1008	5684	2312	MIN
57	5033	-3455	12746	-12318	62	MAX
	1577	-11655	3556	-40717	-1703	MIN
58	-553	-1783	762	-4121	-6879	MAX
	-1188	-3709	154	-14354	-28934	MIN
59	6613	20844	-147	-422	-10662	MAX
	1358	4149	-416	-1528	-45812	MIN
60	14651	48504	-167	234	-9187	MAX
	3083	10175	-555	80	-44109	MIN
61	18334	61113	-122	0	-8619	MAX
	3802	12675	-407	0	-43556	MIN
62	18334	61113	-122	0	-8619	MAX
	3802	12675	-407	0	-43556	MIN
63	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
64	1	0	0	1	-632	MAX
	1	0	0	0	-818	MIN
65	2	0	3	1	-633	MAX
	2	0	2	1	-819	MIN
66	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
67	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
68	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
69	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
70	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
71	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
72	10607	3698	-80	-282	7560	MAX
	3241	1082	-259	-955	2442	MIN
73	5440	-1520	-110	162	374	MAX
	1705	-4910	-356	61	-902	MIN
74	4256	-291	-129	309	-4271	MAX
	1123	-1208	-419	104	-20016	MIN
75	7685	20582	-102	427	-8031	MAX
	1656	4025	-336	137	-36713	MIN
76	14644	47751	-69	350	-8769	MAX
	3079	9946	-231	108	-42633	MIN
77	18081	60270	-55	0	-8322	MAX
	3727	12424	-184	0	-42508	MIN
78	18081	60270	-55	0	-8322	MAX
	3727	12424	-184	0	-42508	MIN
79	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
80	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
81	-1957	-5377	-1171	-6276	7586	MAX
	-6770	-18704	-4088	-22912	2340	MIN
82	4754	-3483	-3780	40986	108	MAX
	1478	-11733	-13469	12425	-1556	MIN
83	-649	-1862	-419	14926	-6806	MAX
	-1473	-3930	-1621	4319	-28683	MIN
84	6331	20381	-65	2369	-10580	MAX
	1267	4004	-282	695	-45508	MIN
85	14390	47808	67	486	-9111	MAX
	3004	9965	21	143	-43810	MIN
86	18097	60324	18	0	-8549	MAX
	3732	12441	5	0	-43272	MIN
87	18097	60324	18	0	-8549	MAX
	3732	12441	5	0	-43272	MIN
88	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
89	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
90	5018	33893	-40	-125	-4078	MAX
	1327	9730	-136	-438	-20005	MIN
91	-11150	-15010	-56	152	-24852	MAX
	-36693	-50070	-188	50	-90151	MIN
92	-3297	-8281	-64	221	-30521	MAX
	-10825	-27433	-215	70	-110441	MIN
93	4296	18580	-48	251	-12856	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
	677	3515	-163	77	-53540	MIN
94	14204	48002	-30	177	-9532	MAX
	2950	10026	-104	53	-45254	MIN
95	18142	60472	-23	0	-8767	MAX
	3746	12487	-81	0	-44012	MIN
96	18142	60472	-23	0	-8767	MAX
	3746	12487	-81	0	-44012	MIN
97	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
98	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
99	-2034	-5383	3804	21972	7644	MAX
	-7007	-18723	1086	6006	2358	MIN
100	4526	-3505	13075	-12327	131	MAX
	1404	-11804	3662	-40691	-1477	MIN
101	-712	-1914	1168	-4178	-6779	MAX
	-1670	-4096	284	-14485	-28586	MIN
102	6168	20120	-34	-535	-10561	MAX
	1217	3925	-83	-1852	-45430	MIN
103	14264	47482	-86	-32	-9104	MAX
	2966	9870	-291	-113	-43765	MIN
104	17994	59981	-56	0	-8548	MAX
	3703	12342	-191	0	-43245	MIN
105	17994	59981	-56	0	-8548	MAX
	3703	12342	-191	0	-43245	MIN
106	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
107	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
108	10144	3662	-18	-48	7677	MAX
	3088	1069	-62	-174	2479	MIN
109	4991	-1565	-25	97	423	MAX
	1558	-5047	-87	30	-737	MIN
110	3860	-574	-28	125	-4210	MAX
	996	-1458	-98	38	-19800	MIN
111	7348	20042	-20	127	-7983	MAX
	1552	3860	-71	38	-36520	MIN
112	14375	47053	-12	80	-8743	MAX
	2998	9741	-42	23	-42500	MIN
113	17858	59526	-9	0	-8307	MAX
	3663	12209	-32	0	-42408	MIN
114	17858	59526	-9	0	-8307	MAX
	3663	12209	-32	0	-42408	MIN
115	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
116	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
117	-2080	-5387	-1125	-6112	7676	MAX
	-7154	-18737	-3937	-22358	2368	MIN
118	4388	-3519	-3716	40888	142	MAX
	1361	-11847	-13262	12389	-1441	MIN
119	-745	-1941	-344	14743	-6771	MAX
	-1780	-4187	-1378	4257	-28555	MIN
120	6085	19993	-7	2120	-10562	MAX
	1192	3888	-89	615	-45423	MIN
121	14208	47344	198	285	-9113	MAX
	2951	9831	60	82	-43785	MIN
122	17954	59847	120	0	-8561	MAX
	3692	12306	36	0	-43276	MIN
123	17954	59847	120	0	-8561	MAX
	3692	12306	36	0	-43276	MIN
124	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
125	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
126	4718	33866	-7	-15	-4058	MAX
	1233	9721	-25	-59	-19939	MIN
127	-11238	-15037	-10	51	-24829	MAX
	-36977	-50159	-36	15	-90073	MIN
128	-3367	-8338	-11	61	-30502	MAX
	-11053	-27622	-39	18	-110367	MIN
129	4122	18310	-7	57	-12853	MAX
	625	3435	-27	16	-53514	MIN
130	14084	47702	-4	32	-9546	MAX
	2916	9941	-15	9	-45280	MIN
131	18053	60175	-3	0	-8788	MAX
	3721	12404	-11	0	-44061	MIN

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
132	18053	60175	-3	0	-8788	MAX
	3721	12404	-11	0	-44061	MIN
133	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
134	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
135	-2103	-5390	3882	22222	7690	MAX
	-7231	-18744	1109	6077	2372	MIN
136	4317	-3525	13184	-12356	146	MAX
	1340	-11869	3694	-40782	-1426	MIN
137	-761	-1954	1291	-4219	-6770	MAX
	-1834	-4230	320	-14615	-28547	MIN
138	6048	19938	34	-580	-10565	MAX
	1182	3872	-10	-1997	-45433	MIN
139	14186	47293	-69	-62	-9121	MAX
	2945	9817	-232	-214	-43810	MIN
140	17941	59802	-43	0	-8571	MAX
	3688	12294	-145	0	-43307	MIN
141	17941	59802	-43	0	-8571	MAX
	3688	12294	-145	0	-43307	MIN
142	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
143	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
144	9985	3647	-2	-4	7708	MAX
	3040	1065	-8	-16	2488	MIN
145	4843	-1579	-3	21	432	MAX
	1513	-5093	-12	6	-704	MIN
146	3747	-652	-3	24	-4206	MAX
	962	-1525	-13	7	-19781	MIN
147	7268	19923	-2	21	-7990	MAX
	1528	3826	-9	6	-36535	MIN
148	14327	46938	-1	11	-8759	MAX
	2985	9710	-4	3	-42546	MIN
149	17827	59422	-1	0	-8327	MAX
	3655	12182	-3	0	-42466	MIN
150	17827	59422	-1	0	-8327	MAX
	3655	12182	-3	0	-42466	MIN
151	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
152	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
153	-2112	-5390	-1114	-6086	7696	MAX
	-7262	-18747	-3901	-22260	2374	MIN
154	4288	-3528	-3701	40826	147	MAX
	1332	-11878	-13210	12369	-1421	MIN
155	-767	-1959	-328	14665	-6770	MAX
	-1855	-4246	-1321	4234	-28546	MIN
156	6034	19919	4	2043	-10568	MAX
	1178	3867	-49	593	-45440	MIN
157	14179	47277	222	238	-9126	MAX
	2943	9813	66	68	-43823	MIN
158	17937	59790	138	0	-8576	MAX
	3687	12291	41	0	-43323	MIN
159	17937	59790	138	0	-8576	MAX
	3687	12291	41	0	-43323	MIN
160	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
161	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
162	4652	33860	0	0	-4055	MAX
	1214	9719	0	-1	-19927	MIN
163	-11256	-15042	0	0	-24826	MAX
	-37037	-50178	0	0	-90061	MIN
164	-3380	-8348	0	0	-30501	MAX
	-11099	-27657	0	0	-110364	MIN
165	4092	18267	0	0	-12858	MAX
	616	3423	0	0	-53527	MIN
166	14068	47666	0	0	-9555	MAX
	2911	9932	0	0	-45307	MIN
167	18044	60146	0	0	-8799	MAX
	3719	12397	0	0	-44093	MIN
168	18044	60146	0	0	-8799	MAX
	3719	12397	0	0	-44093	MIN
169	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
170	0	0	0	0	-633	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
	0	0	0	0	-819	MIN
171	-2112	-5390	3901	22259	7696	MAX
	-7262	-18747	1114	6086	2374	MIN
172	4288	-3528	13210	-12369	147	MAX
	1332	-11878	3701	-40826	-1421	MIN
173	-767	-1959	1320	-4234	-6770	MAX
	-1855	-4246	328	-14665	-28546	MIN
174	6034	19918	48	-593	-10568	MAX
	1178	3867	-4	-2043	-45439	MIN
175	14179	47277	-66	-68	-9126	MAX
	2943	9813	-222	-238	-43823	MIN
176	17937	59790	-41	0	-8576	MAX
	3687	12291	-138	0	-43322	MIN
177	17937	59790	-41	0	-8576	MAX
	3687	12291	-138	0	-43322	MIN
178	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
179	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
180	9985	3647	8	15	7708	MAX
	3040	1065	2	3	2488	MIN
181	4844	-1579	12	-6	432	MAX
	1513	-5093	3	-21	-704	MIN
182	3747	-652	13	-7	-4206	MAX
	962	-1525	3	-24	-19781	MIN
183	7268	19922	8	-6	-7990	MAX
	1528	3826	2	-21	-36534	MIN
184	14326	46938	4	-3	-8759	MAX
	2985	9710	1	-11	-42545	MIN
185	17826	59422	3	0	-8327	MAX
	3655	12182	1	0	-42466	MIN
186	17826	59422	3	0	-8327	MAX
	3655	12182	1	0	-42466	MIN
187	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
188	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
189	-2102	-5390	-1109	-6077	7690	MAX
	-7230	-18744	-3882	-22223	2372	MIN
190	4318	-3525	-3694	40781	146	MAX
	1340	-11869	-13184	12356	-1426	MIN
191	-761	-1954	-320	14614	-6770	MAX
	-1834	-4229	-1291	4219	-28547	MIN
192	6048	19938	9	1997	-10565	MAX
	1182	3872	-34	580	-45432	MIN
193	14186	47292	232	214	-9121	MAX
	2944	9817	69	62	-43809	MIN
194	17940	59801	145	0	-8571	MAX
	3688	12294	43	0	-43305	MIN
195	17940	59801	145	0	-8571	MAX
	3688	12294	43	0	-43305	MIN
196	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
197	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
198	4719	33866	25	58	-4058	MAX
	1233	9721	7	15	-19939	MIN
199	-11238	-15037	36	-16	-24829	MAX
	-36975	-50159	10	-52	-90073	MIN
200	-3367	-8338	39	-18	-30501	MAX
	-11053	-27622	11	-62	-110367	MIN
201	4122	18310	27	-17	-12853	MAX
	625	3435	7	-58	-53513	MIN
202	14084	47701	15	-9	-9545	MAX
	2916	9941	4	-32	-45279	MIN
203	18052	60174	11	0	-8788	MAX
	3721	12404	3	0	-44060	MIN
204	18052	60174	11	0	-8788	MAX
	3721	12404	3	0	-44060	MIN
205	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
206	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
207	-2079	-5387	3938	22357	7675	MAX
	-7152	-18736	1125	6112	2368	MIN
208	4390	-3518	13262	-12389	142	MAX
	1362	-11847	3716	-40890	-1441	MIN

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
209	-745	-1941	1378	-4258	-6771	MAX
	-1779	-4186	345	-14745	-28554	MIN
210	6086	19993	90	-616	-10561	MAX
	1193	3888	7	-2121	-45422	MIN
211	14208	47343	-60	-82	-9112	MAX
	2951	9831	-198	-285	-43783	MIN
212	17954	59846	-36	0	-8560	MAX
	3692	12305	-120	0	-43273	MIN
213	17954	59846	-36	0	-8560	MAX
	3692	12305	-120	0	-43273	MIN
214	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
215	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
216	10149	3663	63	175	7677	MAX
	3089	1070	18	48	2478	MIN
217	4995	-1565	88	-31	423	MAX
	1559	-5046	25	-100	-737	MIN
218	3863	-573	99	-39	-4210	MAX
	997	-1457	28	-128	-19799	MIN
219	7350	20043	71	-38	-7983	MAX
	1552	3861	20	-130	-36518	MIN
220	14375	47053	43	-23	-8742	MAX
	2999	9741	12	-81	-42496	MIN
221	17857	59524	32	0	-8306	MAX
	3663	12209	9	0	-42404	MIN
222	17857	59524	32	0	-8306	MAX
	3663	12209	9	0	-42404	MIN
223	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
224	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
225	-2032	-5383	-1086	-6005	7643	MAX
	-7000	-18723	-3803	-21970	2358	MIN
226	4532	-3505	-3661	40687	131	MAX
	1406	-11802	-13073	12326	-1478	MIN
227	-710	-1913	-283	14480	-6779	MAX
	-1665	-4093	-1165	4177	-28585	MIN
228	6171	20123	85	1848	-10560	MAX
	1218	3926	35	534	-45427	MIN
229	14264	47483	292	111	-9103	MAX
	2967	9870	86	31	-43761	MIN
230	17994	59980	192	0	-8547	MAX
	3703	12342	56	0	-43240	MIN
231	17994	59980	192	0	-8547	MAX
	3703	12342	56	0	-43240	MIN
232	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
233	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
234	5029	33894	138	443	-4078	MAX
	1330	9730	41	126	-20006	MIN
235	-11147	-15009	192	-51	-24852	MAX
	-36684	-50068	57	-158	-90152	MIN
236	-3295	-8280	220	-71	-30521	MAX
	-10818	-27429	65	-227	-110440	MIN
237	4300	18585	166	-79	-12855	MAX
	678	3516	49	-258	-53537	MIN
238	14206	48006	106	-54	-9530	MAX
	2951	10027	31	-181	-45248	MIN
239	18142	60474	82	0	-8765	MAX
	3746	12487	24	0	-44006	MIN
240	18142	60474	82	0	-8765	MAX
	3746	12487	24	0	-44006	MIN
241	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
242	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
243	-1953	-5376	4092	22921	7583	MAX
	-6754	-18703	1172	6279	2340	MIN
244	4769	-3482	13474	-12427	107	MAX
	1482	-11730	3781	-40993	-1558	MIN
245	-646	-1861	1627	-4321	-6806	MAX
	-1462	-3923	421	-14936	-28684	MIN
246	6339	20390	287	-697	-10579	MAX
	1269	4006	67	-2379	-45505	MIN
247	14394	47815	-20	-145	-9109	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
	3005	9967	-63	-492	-43803	MIN
248	18099	60329	-4	0	-8547	MAX
	3733	12442	-16	0	-43264	MIN
249	18099	60329	-4	0	-8547	MAX
	3733	12442	-16	0	-43264	MIN
250	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
251	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
252	10629	3699	265	971	7556	MAX
	3246	1082	81	286	2441	MIN
253	5460	-1519	365	-63	373	MAX
	1710	-4905	112	-171	-906	MIN
254	4272	-283	430	-108	-4271	MAX
	1127	-1201	131	-321	-20018	MIN
255	7697	20596	344	-140	-8031	MAX
	1659	4028	104	-441	-36712	MIN
256	14650	47765	237	-110	-8767	MAX
	3080	9950	70	-360	-42627	MIN
257	18085	60282	189	0	-8320	MAX
	3728	12427	56	0	-42500	MIN
258	18085	60282	189	0	-8320	MAX
	3728	12427	56	0	-42500	MIN
259	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
260	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
261	-1851	-5371	-1006	-5678	7496	MAX
	-6471	-18692	-3552	-20896	2311	MIN
262	5060	-3453	-3552	40708	61	MAX
	1585	-11649	-12734	12316	-1709	MIN
263	-547	-1780	-150	14340	-6880	MAX
	-1164	-3698	-747	4117	-28940	MIN
264	6631	20866	429	1509	-10663	MAX
	1362	4155	151	418	-45815	MIN
265	14663	48529	565	-84	-9186	MAX
	3086	10181	170	-250	-44106	MIN
266	18341	61138	415	0	-8618	MAX
	3804	12681	124	0	-43551	MIN
267	18341	61138	415	0	-8618	MAX
	3804	12681	124	0	-43551	MIN
268	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
269	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
270	5530	33914	418	1808	-4131	MAX
	1517	9740	134	552	-20164	MIN
271	-10957	-14959	577	54	-24945	MAX
	-36161	-49934	185	-10	-90450	MIN
272	-3103	-8127	713	-90	-30682	MAX
	-10255	-26972	227	-196	-110992	MIN
273	4880	19533	630	-193	-13052	MAX
	865	3816	197	-548	-54252	MIN
274	14763	49500	477	-196	-9723	MAX
	3121	10479	146	-610	-45989	MIN
275	18660	62201	392	0	-8947	MAX
	3900	12999	119	0	-44723	MIN
276	18660	62201	392	0	-8947	MAX
	3900	12999	119	0	-44723	MIN
277	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
278	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
279	-1808	-5388	4387	24465	7449	MAX
	-6457	-18760	1274	6778	2290	MIN
280	5143	-3452	13841	-12278	-5	MAX
	1646	-11680	3912	-40404	-1900	MIN
281	-446	-1710	2168	-4240	-7052	MAX
	-952	-3571	606	-14518	-29503	MIN
282	6990	21513	840	-759	-10932	MAX
	1491	4373	249	-2423	-46756	MIN
283	15139	49888	419	-308	-9498	MAX
	3238	10603	134	-947	-45240	MIN
284	18853	62843	396	0	-8936	MAX
	3960	13199	125	0	-44726	MIN
285	18853	62843	396	0	-8936	MAX
	3960	13199	125	0	-44726	MIN

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	[kgm]	[kgm]	[kg]	[kg]	
286	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
287	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
288	10679	3822	333	2248	7673	MAX
	3331	1119	123	745	2457	MIN
289	5445	-1548	708	1067	267	MAX
	1778	-5062	241	281	-1181	MIN
290	4502	-130	881	1004	-4633	MAX
	1266	-1090	301	223	-21176	MIN
291	8271	21789	965	27	-8637	MAX
	1887	4442	318	-89	-38803	MIN
292	15568	50529	815	-248	-9493	MAX
	3382	10817	264	-632	-45245	MIN
293	19153	63844	695	0	-9056	MAX
	4054	13514	224	0	-45199	MIN
294	19153	63844	695	0	-9056	MAX
	4054	13514	224	0	-45199	MIN
295	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
296	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
297	-2275	-5812	-899	-5307	7692	MAX
	-8160	-20216	-3250	-20033	2333	MIN
298	4336	-3657	-3715	43748	-32	MAX
	1455	-12402	-13415	13231	-1843	MIN
299	-505	-1816	30	15790	-7446	MAX
	-1392	-3993	-254	4476	-30652	MIN
300	6636	21799	1084	3459	-11692	MAX
	1495	4535	387	833	-49251	MIN
301	15405	51946	1153	430	-10431	MAX
	3385	11292	390	-14	-48494	MIN
302	19806	66018	886	0	-9971	MAX
	4261	14203	306	0	-48413	MIN
303	19806	66018	886	0	-9971	MAX
	4261	14203	306	0	-48413	MIN
304	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
305	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
306	1042	37426	-166	6003	-4177	MAX
	252	10732	-705	2013	-20432	MIN
307	-11399	-15540	3336	-859	-26056	MAX
	-37770	-51884	966	-2902	-94100	MIN
308	-2818	-8594	978	3710	-31990	MAX
	-9755	-28826	313	1045	-114967	MIN
309	2609	19667	1656	4054	-14130	MAX
	487	4003	537	905	-57486	MIN
310	13742	53193	516	2754	-11754	MAX
	3061	11778	271	510	-52842	MIN
311	20578	68593	175	0	-11292	MAX
	4518	15058	110	0	-52880	MIN
312	20578	68593	175	0	-11292	MAX
	4518	15058	110	0	-52880	MIN
313	-19	-63	0	0	-633	MAX
	-25	-82	0	0	-819	MIN
314	0	0	0	0	-633	MAX
	0	0	0	0	-819	MIN
315	-4805	-6498	4020	30722	4782	MAX
	-16356	-22580	1174	8808	1617	MIN
316	-178	-5856	18458	-14876	-2785	MAX
	-740	-19828	5187	-49338	-11356	MIN
317	-1490	-3403	2614	-3235	-10980	MAX
	-4903	-9574	701	-11324	-42263	MIN
318	1555	20795	1588	2872	-13529	MAX
	341	4317	486	582	-54690	MIN
319	8113	52161	-24	5682	-12195	MAX
	1819	11668	-695	1208	-53690	MIN
320	20716	69052	-386	0	-12104	MAX
	4622	15408	-2323	0	-55029	MIN
321	20716	69052	-386	0	-12104	MAX
	4622	15408	-2323	0	-55029	MIN
322	-19	-63	0	0	-632	MAX
	-24	-82	0	0	-818	MIN
323	1	0	0	0	-632	MAX
	1	0	0	-1	-818	MIN
324	-105	959	6449	23415	19591	MAX

In	Mx	My	Mxy	Tx	Ty	
	[kgm]	*[kgm]*	*[kgm]*	*[kg]*	*[kg]*	
	-295	261	1831	6490	5929	MIN
325	2755 829	-3327 -11113	499 115	-5609 -18985	3201 1550	MAX MIN
326	-393 -1401	-2593 -6805	3403 889	-4905 -16955	-8062 -33322	MAX MIN
327	943 232	20978 4340	1962 528	2420 527	-13469 -54390	MAX MIN
328	2532 565	51668 11559	-567 -3042	6970 1528	-11476 -47831	MAX MIN
329	20611 4594	68703 15313	-1939 -9244	0 0	-9307 -39957	MAX MIN
330	20611 4594	68703 15313	-1939 -9244	0 0	-9307 -39957	MAX MIN
331	-19 -25	-64 -83	-2 -3	0 0	-633 -819	MAX MIN
332	2 2	0 0	-2 -3	-1 -1	-633 -819	MAX MIN

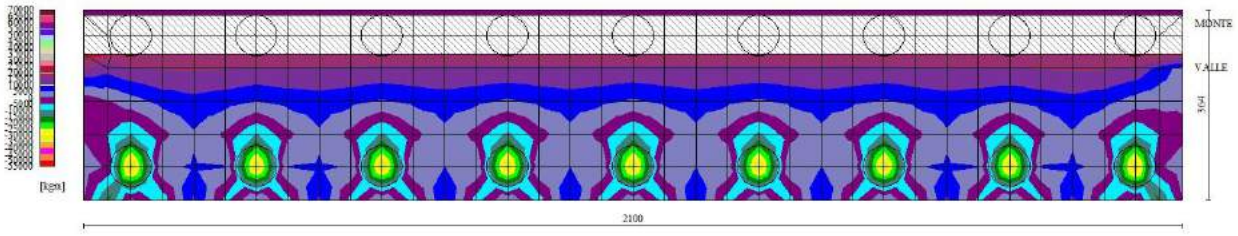

Fig. 48 - Piastra fondazione - Momento Mx (Combinazione n° 2)

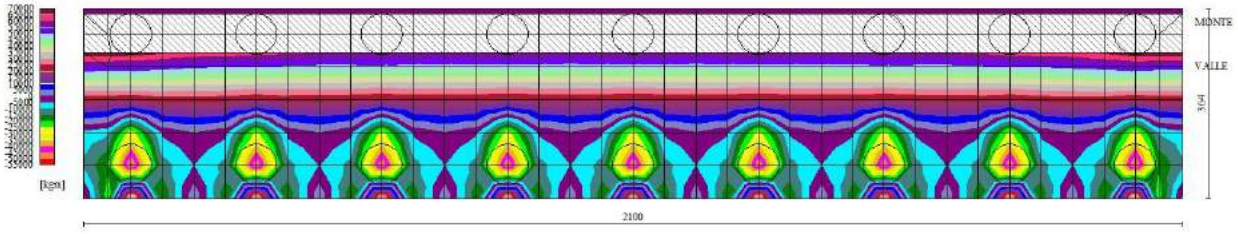

Fig. 49 - Piastra fondazione - Momento My (Combinazione n° 2)

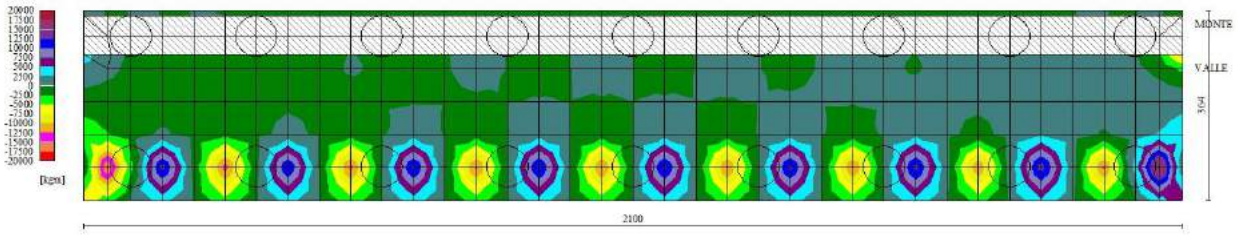

Fig. 50 - Piastra fondazione - Momento Mxy (Combinazione n° 2)

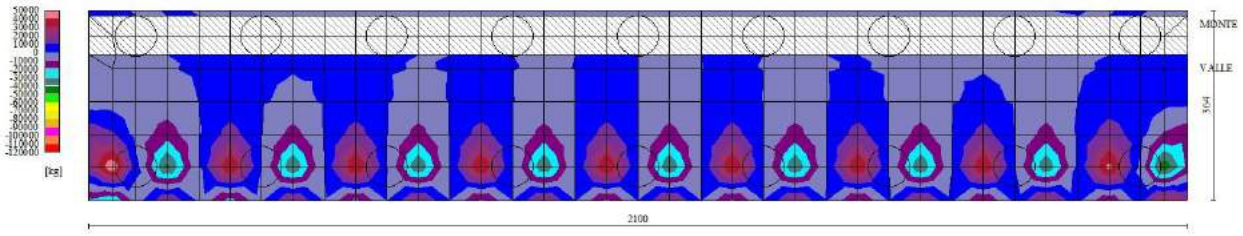

Fig. 51 - Piastra fondazione - Taglio Tx (Combinazione n° 2)

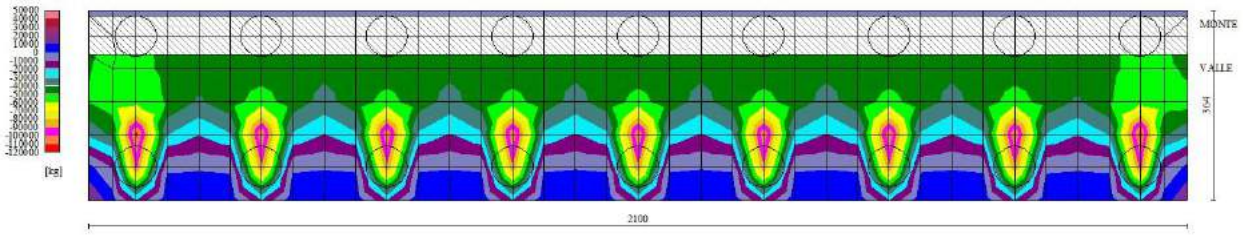

Fig. 52 - Piastra fondazione - Taglio Ty (Combinazione n° 2)

Sollecitazioni pali

Simbologia adottata

N Sforzo normale, espresso in [kg]. Positivo se di compressione.

T Taglio, espresso in [kg]. Positivo se diretto da monte verso valle

M Momento, espresso in [kgm]. Positivo se tende le fibre contro terra (a monte)

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr

	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-43955	-364643	-18661	-31063	-72268	-120293
21	3.40	-38046	-356610	-18661	-31063	-8820	-14682
44	7.31	-30358	-342847	426	709	49407	82242
59	9.86	-23675	-325615	9265	15423	33479	55728
101	17.00	0	0	56	94	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	95021	364629	-18661	-31063	-72268	-120293
21	3.40	96732	356596	-18661	-31063	-8820	-14682
35	5.78	97930	350973	-18661	-31063	35593	59248
44	7.31	97301	342833	426	709	49407	82242
59	9.86	95059	325601	9265	15423	33479	55728
101	17.00	81012	0	56	94	0	0

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-63486	-364646	-23996	-31228	-92435	-120293
9	1.36	-60557	-361433	-23996	-31228	-59801	-77825
44	7.31	-46076	-342849	627	816	63959	83237
59	9.86	-36386	-325616	11994	15609	43254	56291
101	17.00	0	0	72	94	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	119936	364621	-23996	-31228	-92435	-120293
9	1.36	120401	361408	-23996	-31228	-59801	-77825
35	5.78	121913	350966	-23996	-31228	46261	60205
44	7.31	120738	342825	627	816	63959	83237
59	9.86	117330	325593	11994	15609	43254	56291
101	17.00	98354	0	72	94	0	0

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-51095	-364650	-18871	-31214	-72727	-120293
4	0.51	-50131	-363445	-18871	-31214	-63103	-104374
44	7.31	-36104	-342853	488	807	50273	83154
59	9.86	-28322	-325620	9427	15593	34004	56244
101	17.00	0	0	57	94	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	92853	364648	-18871	-31214	-72727	-120293
4	0.51	93117	363443	-18871	-31214	-63103	-104374
35	5.78	95843	350993	-18871	-31214	36350	60125
44	7.31	95262	342852	488	807	50273	83154
59	9.86	93121	325620	9427	15593	34004	56244
101	17.00	79503	0	57	94	0	0

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr

	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-34892	-364642	-18661	-30814	-72852	-120293
4	0.51	-34105	-363438	-18661	-30814	-63335	-104580
44	7.31	-23065	-342845	332	548	48900	80745
59	9.86	-17777	-325612	9171	15143	33237	54881
101	17.00	0	0	57	93	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	98484	364652	-18661	-30814	-72852	-120293
4	0.51	98729	363447	-18661	-30814	-63335	-104580
35	5.78	101264	350997	-18661	-30814	35009	57807
44	7.31	100559	342856	332	548	48900	80745
59	9.86	98155	325623	9171	15143	33237	54881
101	17.00	83422	0	57	93	0	0

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-43205	-364642	-18661	-31027	-72352	-120293
9	1.36	-40863	-361429	-18661	-31027	-46973	-78099
44	7.31	-29754	-342846	412	686	49334	82025
59	9.86	-23187	-325615	9252	15382	33444	55605
101	17.00	0	0	56	94	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	94964	364631	-18661	-31027	-72352	-120293
9	1.36	95649	361418	-18661	-31027	-46973	-78099
35	5.78	97875	350976	-18661	-31027	35509	59039
44	7.31	97247	342835	412	686	49334	82025
59	9.86	95008	325604	9252	15382	33444	55605
101	17.00	80972	0	56	94	0	0

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-35643	-364635	-18661	-30849	-72768	-120293
15	2.38	-31928	-359013	-18661	-30849	-28355	-46874
44	7.31	-23669	-342839	346	571	48973	80959
59	9.86	-18266	-325607	9185	15183	33272	55003
101	17.00	0	0	57	93	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	98542	364634	-18661	-30849	-72768	-120293
15	2.38	99685	359011	-18661	-30849	-28355	-46874
35	5.78	101319	350978	-18661	-30849	35093	58014
44	7.31	100612	342838	346	571	48973	80959
59	9.86	98206	325605	9185	15183	33272	55003
101	17.00	83462	0	57	93	0	0

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr

	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	-9028	-225548	-10408	-30092	-41605	-120293
44	7.31	2566	-209412	29	83	26427	76411
60	10.03	8028	-196706	4962	14347	17291	49993
101	17.00	24669	0	32	92	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	56031	364634	-10408	-30092	-41605	-120293
44	7.31	60624	342838	29	83	26427	76411
45	7.48	60627	341832	756	2186	26423	76397
60	10.03	60145	324295	4962	14347	17291	49993
101	17.00	53872	0	32	92	0	0

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	2487	62135	-7664	-29358	-31404	-120293
9	1.36	3505	61439	-7664	-29358	-20981	-80367
44	7.31	7017	57690	-102	-390	18797	72003
45	7.48	7016	57495	428	1639	18814	72069
60	10.03	6483	54189	3534	13538	12437	47640
101	17.00	0	0	24	90	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	43062	364636	-7664	-29358	-31404	-120293
9	1.36	44204	361423	-7664	-29358	-20981	-80367
45	7.48	48463	341834	428	1639	18814	72069
55	9.18	48644	330651	3284	12581	15352	58804
60	10.03	48599	324296	3534	13538	12437	47640

Palo n° 1

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	8251	206130	-6224	-28807	-25990	-120293
4	0.51	8570	205259	-6224	-28807	-22816	-105602
36	5.95	11878	196134	-5328	-24661	11042	51107
45	7.48	11603	190739	265	1228	14868	68817
60	10.03	10166	179772	2794	12931	9911	45871
101	17.00	0	0	19	89	0	0

Palo n° 2

n°	Y	Ne	Nr	Te	Tr	Me	Mr
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	36525	364647	-6224	-28807	-25990	-120293
4	0.51	36975	363442	-6224	-28807	-22816	-105602
45	7.48	42331	341845	265	1228	14868	68817
60	10.03	42778	324307	2794	12931	9911	45871
62	10.37	42783	321623	2770	12819	8962	41479

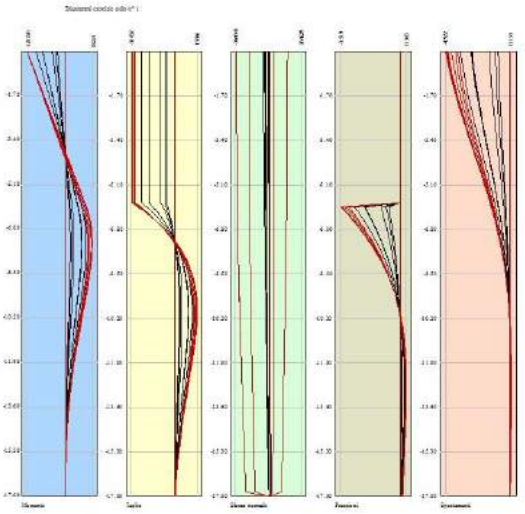

Fig. 53 - Sollecitazioni palo (Palo n° 1) (Inviluppo)

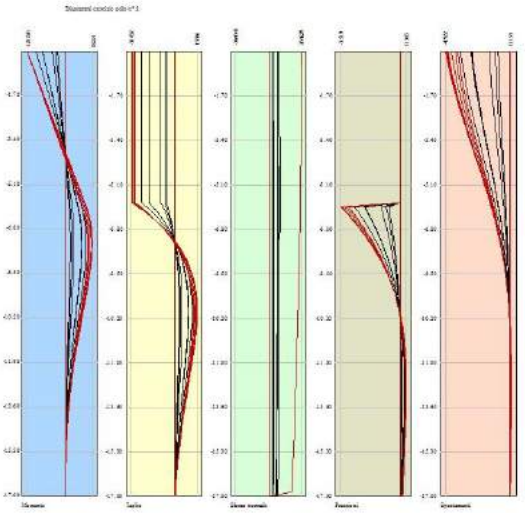

Fig. 54 - Sollecitazioni palo (Palo n° 2) (Inviluppo)

Verifiche strutturali

Verifiche a flessione

Elementi calcolati a trave

Simbologia adottata

n° indice sezione

Y ordinata sezione espressa in [m]

B larghezza sezione espresso in [cm]

H altezza sezione espressa in [cm]
Afi area ferri inferiori espresso in [cmq]
Afs area ferri superiori espressa in [cmq]
M momento agente espressa in [kgm]
N sforzo normale agente espressa in [kg]
Mu momento ultimi espresso in [kgm]
Nu sforzo normale ultimo espressa in [kg]
FS fattore di sicurezza (rapporto tra sollecitazione ultima e sollecitazione agente)

Elementi calcolati a piastra

Simbologia adottata

n° indice sezione
Y ordinata sezione espressa in [m]
B larghezza sezione espresso in [cm]
H altezza sezione espressa in [cm]
Afi, Afs area ferri inferiori e superiori, espresso in [cmq]
Mp, Mn momento positivo e negativo agente espressa in [kgm]
Mu momento ultimi espresso in [kgm]
FS fattore di sicurezza (rapporto tra sollecitazione ultima e sollecitazione agente)

Paramento

n°	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	100	40	12.57	12.57	0	0	0	0	1000.000
2	100	42	12.57	12.57	0	0	0	0	1000.000
3	100	43	12.57	12.57	53	573	51832	556122	970.329
4	100	45	12.57	12.57	136	877	65041	420585	479.552
5	100	47	12.57	12.57	269	1193	64067	284470	238.548
6	100	48	12.57	12.57	463	1520	55400	182004	119.775
7	100	50	12.57	12.57	728	1858	46225	118015	63.512
8	100	52	12.57	12.57	1075	2208	41113	84477	38.254
9	100	53	12.57	12.57	1514	2570	38644	65620	25.533
10	100	55	12.57	12.57	2055	2943	37360	53522	18.184
11	100	57	12.57	12.57	2708	3328	36465	44814	13.465
12	100	59	12.57	12.57	3489	3725	36036	38474	10.330
13	100	60	12.57	12.57	4420	4133	35878	33548	8.118
14	100	62	12.57	12.57	5527	4552	35897	29566	6.495
15	100	64	12.57	12.57	6837	4983	36046	26273	5.272
16	100	65	12.57	12.57	8376	5426	36296	23513	4.334
17	100	67	12.57	12.57	10169	5880	36627	21180	3.602
18	100	69	12.57	12.57	12243	6346	37027	19193	3.024
19	100	70	12.57	12.57	14623	6823	37484	17490	2.563
20	100	72	12.57	12.57	17337	7312	37988	16023	2.191
21	100	74	12.57	12.57	20409	7813	38534	14751	1.888

Fondazione

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-1-P	8.04	8.04	2077	-820	0	1000000.000 (2)
1-2-P	8.04	8.04	1682	-4252	0	1000000.000 (2)
1-3-P	8.04	8.04	914	-8229	0	1000000.000 (2)
1-4-P	8.04	8.04	18	-15331	0	1000000.000 (2)
1-5-P	8.04	8.04	5	-16824	0	1000000.000 (2)
1-6-P	8.04	8.04	19	-8606	0	1000000.000 (2)
1-7-P	8.04	8.04	3589	-3865	0	1000000.000 (2)
1-8-P	8.04	8.04	3629	-1145	0	1000000.000 (2)
1-9-P	8.04	8.04	5293	-47	0	1000000.000 (2)
1-10-P	8.04	8.04	5275	-336	0	1000000.000 (2)
1-11-P	8.04	8.04	4343	-1756	0	1000000.000 (2)
1-12-P	8.04	8.04	2853	-3725	0	1000000.000 (2)
1-13-P	8.04	8.04	96	-8744	0	1000000.000 (2)
1-14-P	8.04	8.04	165	-16543	0	1000000.000 (2)
1-15-P	8.04	8.04	45	-11802	0	1000000.000 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-16-P	8.04	8.04	0	-4062	0	1000000.000 (2)
1-17-P	8.04	8.04	3851	-2247	0	1000000.000 (2)
1-18-P	8.04	8.04	4512	-533	0	1000000.000 (2)
1-19-P	8.04	8.04	6357	-3	0	1000000.000 (2)
1-20-P	8.04	8.04	4608	-732	0	1000000.000 (2)
1-21-P	8.04	8.04	3962	-2564	0	1000000.000 (2)
1-22-P	8.04	8.04	0	-4358	0	1000000.000 (2)
1-23-P	8.04	8.04	43	-12176	0	1000000.000 (2)
1-24-P	8.04	8.04	119	-16944	0	1000000.000 (2)
1-25-P	8.04	8.04	50	-9170	0	1000000.000 (2)
1-26-P	8.04	8.04	2275	-3645	0	1000000.000 (2)
1-27-P	8.04	8.04	3684	-1566	0	1000000.000 (2)
1-28-P	8.04	8.04	4738	-224	0	1000000.000 (2)
1-29-P	8.04	8.04	5083	-112	0	1000000.000 (2)
1-30-P	8.04	8.04	3831	-1307	0	1000000.000 (2)
1-31-P	8.04	8.04	3814	-3737	0	1000000.000 (2)
1-32-P	8.04	8.04	42	-7800	0	1000000.000 (2)
1-33-P	8.04	8.04	74	-15592	0	1000000.000 (2)
1-34-P	8.04	8.04	46	-14028	0	1000000.000 (2)
1-35-P	8.04	8.04	2	-6251	0	1000000.000 (2)
1-36-P	8.04	8.04	3675	-3179	0	1000000.000 (2)
1-37-P	8.04	8.04	3889	-975	0	1000000.000 (2)
1-38-P	8.04	8.04	5356	-24	0	1000000.000 (2)
1-39-P	8.04	8.04	4323	-450	0	1000000.000 (2)
1-40-P	8.04	8.04	3548	-2104	0	1000000.000 (2)
1-41-P	8.04	8.04	727	-3899	0	1000000.000 (2)
1-42-P	8.04	8.04	46	-10977	0	1000000.000 (2)
1-43-P	8.04	8.04	146	-18822	0	1000000.000 (2)
1-44-P	8.04	8.04	46	-10977	0	1000000.000 (2)
1-45-P	8.04	8.04	727	-3899	0	1000000.000 (2)
1-46-P	8.04	8.04	3548	-2104	0	1000000.000 (2)
1-47-P	8.04	8.04	4323	-450	0	1000000.000 (2)
1-48-P	8.04	8.04	5357	-24	0	1000000.000 (2)
1-49-P	8.04	8.04	3890	-975	0	1000000.000 (2)
1-50-P	8.04	8.04	3675	-3179	0	1000000.000 (2)
1-51-P	8.04	8.04	2	-6251	0	1000000.000 (2)
1-52-P	8.04	8.04	46	-14027	0	1000000.000 (2)
1-53-P	8.04	8.04	74	-15591	0	1000000.000 (2)
1-54-P	8.04	8.04	42	-7799	0	1000000.000 (2)
1-55-P	8.04	8.04	3815	-3736	0	1000000.000 (2)
1-56-P	8.04	8.04	3834	-1307	0	1000000.000 (2)
1-57-P	8.04	8.04	5086	-112	0	1000000.000 (2)
1-58-P	8.04	8.04	4741	-224	0	1000000.000 (2)
1-59-P	8.04	8.04	3687	-1564	0	1000000.000 (2)
1-60-P	8.04	8.04	2277	-3641	0	1000000.000 (2)
1-61-P	8.04	8.04	50	-9163	0	1000000.000 (2)
1-62-P	8.04	8.04	120	-16937	0	1000000.000 (2)
1-63-P	8.04	8.04	43	-12167	0	1000000.000 (2)
1-64-P	8.04	8.04	0	-4347	0	1000000.000 (2)
1-65-P	8.04	8.04	3972	-2560	0	1000000.000 (2)
1-66-P	8.04	8.04	4624	-732	0	1000000.000 (2)
1-67-P	8.04	8.04	6375	-3	0	1000000.000 (2)
1-68-P	8.04	8.04	4529	-529	0	1000000.000 (2)
1-69-P	8.04	8.04	3862	-2234	0	1000000.000 (2)
1-70-P	8.04	8.04	0	-4036	0	1000000.000 (2)
1-71-P	8.04	8.04	46	-11774	0	1000000.000 (2)
1-72-P	8.04	8.04	168	-16514	0	1000000.000 (2)
1-73-P	8.04	8.04	98	-8710	0	1000000.000 (2)
1-74-P	8.04	8.04	2881	-3715	0	1000000.000 (2)
1-75-P	8.04	8.04	4382	-1756	0	1000000.000 (2)
1-76-P	8.04	8.04	5319	-337	0	1000000.000 (2)
1-77-P	8.04	8.04	5335	-45	0	1000000.000 (2)
1-78-P	8.04	8.04	3662	-1130	0	1000000.000 (2)
1-79-P	8.04	8.04	3610	-3837	0	1000000.000 (2)
1-80-P	8.04	8.04	19	-8559	0	1000000.000 (2)
1-81-P	8.04	8.04	5	-16779	0	1000000.000 (2)
1-82-P	8.04	8.04	18	-15295	0	1000000.000 (2)
1-83-P	8.04	8.04	909	-8203	0	1000000.000 (2)
1-84-P	8.04	8.04	1686	-4234	0	1000000.000 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
1-85-P	8.04	8.04	2097	-815	0	1000000.000 (2)
2-1-P	8.04	8.04	628	-1924	0	1000000.000 (2)
2-2-P	8.04	8.04	303	-2431	0	1000000.000 (2)
2-3-P	8.04	8.04	78	-3413	0	1000000.000 (2)
2-4-P	8.04	8.04	75	-6131	0	1000000.000 (2)
2-5-P	8.04	8.04	225	-6397	0	1000000.000 (2)
2-6-P	8.04	8.04	589	-2958	0	1000000.000 (2)
2-7-P	8.04	8.04	1947	-528	0	1000000.000 (2)
2-8-P	8.04	8.04	3065	-106	0	1000000.000 (2)
2-9-P	8.04	8.04	4501	-3	0	1000000.000 (2)
2-10-P	8.04	8.04	4368	-75	0	1000000.000 (2)
2-11-P	8.04	8.04	3281	-355	0	1000000.000 (2)
2-12-P	8.04	8.04	1955	-864	0	1000000.000 (2)
2-13-P	8.04	8.04	747	-3360	0	1000000.000 (2)
2-14-P	8.04	8.04	433	-6764	0	1000000.000 (2)
2-15-P	8.04	8.04	595	-4766	0	1000000.000 (2)
2-16-P	8.04	8.04	1067	-1619	0	1000000.000 (2)
2-17-P	8.04	8.04	2457	-300	0	1000000.000 (2)
2-18-P	8.04	8.04	3561	-52	0	1000000.000 (2)
2-19-P	8.04	8.04	4862	-2	0	1000000.000 (2)
2-20-P	8.04	8.04	3527	-125	0	1000000.000 (2)
2-21-P	8.04	8.04	2407	-461	0	1000000.000 (2)
2-22-P	8.04	8.04	941	-1804	0	1000000.000 (2)
2-23-P	8.04	8.04	494	-5071	0	1000000.000 (2)
2-24-P	8.04	8.04	327	-7153	0	1000000.000 (2)
2-25-P	8.04	8.04	564	-3738	0	1000000.000 (2)
2-26-P	8.04	8.04	1375	-909	0	1000000.000 (2)
2-27-P	8.04	8.04	2548	-246	0	1000000.000 (2)
2-28-P	8.04	8.04	3712	-26	0	1000000.000 (2)
2-29-P	8.04	8.04	3964	-16	0	1000000.000 (2)
2-30-P	8.04	8.04	2738	-214	0	1000000.000 (2)
2-31-P	8.04	8.04	1837	-737	0	1000000.000 (2)
2-32-P	8.04	8.04	596	-3178	0	1000000.000 (2)
2-33-P	8.04	8.04	343	-6616	0	1000000.000 (2)
2-34-P	8.04	8.04	387	-5932	0	1000000.000 (2)
2-35-P	8.04	8.04	712	-2588	0	1000000.000 (2)
2-36-P	8.04	8.04	1887	-551	0	1000000.000 (2)
2-37-P	8.04	8.04	2885	-147	0	1000000.000 (2)
2-38-P	8.04	8.04	4144	-3	0	1000000.000 (2)
2-39-P	8.04	8.04	3356	-62	0	1000000.000 (2)
2-40-P	8.04	8.04	2235	-351	0	1000000.000 (2)
2-41-P	8.04	8.04	963	-1394	0	1000000.000 (2)
2-42-P	8.04	8.04	501	-4604	0	1000000.000 (2)
2-43-P	8.04	8.04	253	-8042	0	1000000.000 (2)
2-44-P	8.04	8.04	501	-4604	0	1000000.000 (2)
2-45-P	8.04	8.04	963	-1394	0	1000000.000 (2)
2-46-P	8.04	8.04	2235	-351	0	1000000.000 (2)
2-47-P	8.04	8.04	3356	-62	0	1000000.000 (2)
2-48-P	8.04	8.04	4144	-3	0	1000000.000 (2)
2-49-P	8.04	8.04	2886	-147	0	1000000.000 (2)
2-50-P	8.04	8.04	1887	-551	0	1000000.000 (2)
2-51-P	8.04	8.04	712	-2587	0	1000000.000 (2)
2-52-P	8.04	8.04	387	-5931	0	1000000.000 (2)
2-53-P	8.04	8.04	343	-6615	0	1000000.000 (2)
2-54-P	8.04	8.04	596	-3177	0	1000000.000 (2)
2-55-P	8.04	8.04	1838	-737	0	1000000.000 (2)
2-56-P	8.04	8.04	2740	-214	0	1000000.000 (2)
2-57-P	8.04	8.04	3965	-16	0	1000000.000 (2)
2-58-P	8.04	8.04	3715	-26	0	1000000.000 (2)
2-59-P	8.04	8.04	2550	-245	0	1000000.000 (2)
2-60-P	8.04	8.04	1377	-907	0	1000000.000 (2)
2-61-P	8.04	8.04	564	-3734	0	1000000.000 (2)
2-62-P	8.04	8.04	328	-7148	0	1000000.000 (2)
2-63-P	8.04	8.04	496	-5066	0	1000000.000 (2)
2-64-P	8.04	8.04	944	-1799	0	1000000.000 (2)
2-65-P	8.04	8.04	2418	-462	0	1000000.000 (2)
2-66-P	8.04	8.04	3540	-125	0	1000000.000 (2)
2-67-P	8.04	8.04	4876	-2	0	1000000.000 (2)
2-68-P	8.04	8.04	3576	-51	0	1000000.000 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
2-69-P	8.04	8.04	2473	-296	0	1000000.000 (2)
2-70-P	8.04	8.04	1075	-1604	0	1000000.000 (2)
2-71-P	8.04	8.04	602	-4747	0	1000000.000 (2)
2-72-P	8.04	8.04	439	-6740	0	1000000.000 (2)
2-73-P	8.04	8.04	759	-3340	0	1000000.000 (2)
2-74-P	8.04	8.04	1982	-855	0	1000000.000 (2)
2-75-P	8.04	8.04	3321	-356	0	1000000.000 (2)
2-76-P	8.04	8.04	4410	-76	0	1000000.000 (2)
2-77-P	8.04	8.04	4543	-3	0	1000000.000 (2)
2-78-P	8.04	8.04	3101	-102	0	1000000.000 (2)
2-79-P	8.04	8.04	1969	-510	0	1000000.000 (2)
2-80-P	8.04	8.04	610	-2896	0	1000000.000 (2)
2-81-P	8.04	8.04	242	-6287	0	1000000.000 (2)
2-82-P	8.04	8.04	145	-5922	0	1000000.000 (2)
2-83-P	8.04	8.04	137	-2969	0	1000000.000 (2)
2-84-P	8.04	8.04	364	-1728	0	1000000.000 (2)
2-85-P	8.04	8.04	588	-850	0	1000000.000 (2)
3-1-P	8.04	8.04	8544	-329	0	1000000.000 (2)
3-2-P	8.04	8.04	8348	-127	0	1000000.000 (2)
3-3-P	8.04	8.04	6449	-10	0	1000000.000 (2)
3-4-P	8.04	8.04	9272	0	0	1000000.000 (2)
3-5-P	8.04	8.04	10247	0	0	1000000.000 (2)
3-6-P	8.04	8.04	10887	0	0	1000000.000 (2)
3-7-P	8.04	8.04	11527	0	0	1000000.000 (2)
3-8-P	8.04	8.04	11728	0	0	1000000.000 (2)
3-9-P	8.04	8.04	11929	0	0	1000000.000 (2)
3-10-P	8.04	8.04	11853	0	0	1000000.000 (2)
3-11-P	8.04	8.04	11592	0	0	1000000.000 (2)
3-12-P	8.04	8.04	11313	0	0	1000000.000 (2)
3-13-P	8.04	8.04	10957	0	0	1000000.000 (2)
3-14-P	8.04	8.04	10602	0	0	1000000.000 (2)
3-15-P	8.04	8.04	10690	0	0	1000000.000 (2)
3-16-P	8.04	8.04	10888	0	0	1000000.000 (2)
3-17-P	8.04	8.04	11057	0	0	1000000.000 (2)
3-18-P	8.04	8.04	11183	0	0	1000000.000 (2)
3-19-P	8.04	8.04	11309	0	0	1000000.000 (2)
3-20-P	8.04	8.04	11084	0	0	1000000.000 (2)
3-21-P	8.04	8.04	10860	0	0	1000000.000 (2)
3-22-P	8.04	8.04	10589	0	0	1000000.000 (2)
3-23-P	8.04	8.04	10288	0	0	1000000.000 (2)
3-24-P	8.04	8.04	10097	0	0	1000000.000 (2)
3-25-P	8.04	8.04	10348	0	0	1000000.000 (2)
3-26-P	8.04	8.04	10598	0	0	1000000.000 (2)
3-27-P	8.04	8.04	10783	0	0	1000000.000 (2)
3-28-P	8.04	8.04	10951	0	0	1000000.000 (2)
3-29-P	8.04	8.04	10976	0	0	1000000.000 (2)
3-30-P	8.04	8.04	10784	0	0	1000000.000 (2)
3-31-P	8.04	8.04	10592	0	0	1000000.000 (2)
3-32-P	8.04	8.04	10315	0	0	1000000.000 (2)
3-33-P	8.04	8.04	10037	0	0	1000000.000 (2)
3-34-P	8.04	8.04	10087	0	0	1000000.000 (2)
3-35-P	8.04	8.04	10354	0	0	1000000.000 (2)
3-36-P	8.04	8.04	10604	0	0	1000000.000 (2)
3-37-P	8.04	8.04	10785	0	0	1000000.000 (2)
3-38-P	8.04	8.04	10965	0	0	1000000.000 (2)
3-39-P	8.04	8.04	10854	0	0	1000000.000 (2)
3-40-P	8.04	8.04	10671	0	0	1000000.000 (2)
3-41-P	8.04	8.04	10452	0	0	1000000.000 (2)
3-42-P	8.04	8.04	10180	0	0	1000000.000 (2)
3-43-P	8.04	8.04	9909	0	0	1000000.000 (2)
3-44-P	8.04	8.04	10180	0	0	1000000.000 (2)
3-45-P	8.04	8.04	10452	0	0	1000000.000 (2)
3-46-P	8.04	8.04	10670	0	0	1000000.000 (2)
3-47-P	8.04	8.04	10854	0	0	1000000.000 (2)
3-48-P	8.04	8.04	10965	0	0	1000000.000 (2)
3-49-P	8.04	8.04	10785	0	0	1000000.000 (2)
3-50-P	8.04	8.04	10604	0	0	1000000.000 (2)
3-51-P	8.04	8.04	10354	0	0	1000000.000 (2)
3-52-P	8.04	8.04	10087	0	0	1000000.000 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
3-53-P	8.04	8.04	10037	0	0	1000000.000 (2)
3-54-P	8.04	8.04	10315	0	0	1000000.000 (2)
3-55-P	8.04	8.04	10592	0	0	1000000.000 (2)
3-56-P	8.04	8.04	10784	0	0	1000000.000 (2)
3-57-P	8.04	8.04	10976	0	0	1000000.000 (2)
3-58-P	8.04	8.04	10952	0	0	1000000.000 (2)
3-59-P	8.04	8.04	10784	0	0	1000000.000 (2)
3-60-P	8.04	8.04	10599	0	0	1000000.000 (2)
3-61-P	8.04	8.04	10349	0	0	1000000.000 (2)
3-62-P	8.04	8.04	10100	0	0	1000000.000 (2)
3-63-P	8.04	8.04	10291	0	0	1000000.000 (2)
3-64-P	8.04	8.04	10593	0	0	1000000.000 (2)
3-65-P	8.04	8.04	10864	0	0	1000000.000 (2)
3-66-P	8.04	8.04	11090	0	0	1000000.000 (2)
3-67-P	8.04	8.04	11316	0	0	1000000.000 (2)
3-68-P	8.04	8.04	11192	0	0	1000000.000 (2)
3-69-P	8.04	8.04	11068	0	0	1000000.000 (2)
3-70-P	8.04	8.04	10902	0	0	1000000.000 (2)
3-71-P	8.04	8.04	10707	0	0	1000000.000 (2)
3-72-P	8.04	8.04	10622	0	0	1000000.000 (2)
3-73-P	8.04	8.04	10982	0	0	1000000.000 (2)
3-74-P	8.04	8.04	11341	0	0	1000000.000 (2)
3-75-P	8.04	8.04	11625	0	0	1000000.000 (2)
3-76-P	8.04	8.04	11890	0	0	1000000.000 (2)
3-77-P	8.04	8.04	11966	0	0	1000000.000 (2)
3-78-P	8.04	8.04	11758	0	0	1000000.000 (2)
3-79-P	8.04	8.04	11550	0	0	1000000.000 (2)
3-80-P	8.04	8.04	10758	0	0	1000000.000 (2)
3-81-P	8.04	8.04	9967	0	0	1000000.000 (2)
3-82-P	8.04	8.04	8726	0	0	1000000.000 (2)
3-83-P	8.04	8.04	7184	0	0	1000000.000 (2)
3-84-P	8.04	8.04	5699	0	0	1000000.000 (2)
3-85-P	8.04	8.04	4228	0	0	1000000.000 (2)
5-1-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-2-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-3-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-4-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-5-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-6-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-7-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-8-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-9-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-10-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-11-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-12-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-13-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-14-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-15-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-16-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-17-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-18-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-19-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-20-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-21-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-22-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-23-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-24-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-25-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-26-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-27-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-28-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-29-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-30-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-31-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-32-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-33-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-34-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-35-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-36-P	4.02	4.02	0	-1	0	1000000.000 (1)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
5-37-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-38-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-39-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-40-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-41-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-42-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-43-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-44-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-45-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-46-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-47-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-48-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-49-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-50-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-51-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-52-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-53-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-54-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-55-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-56-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-57-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-58-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-59-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-60-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-61-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-62-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-63-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-64-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-65-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-66-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-67-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-68-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-69-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-70-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-71-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-72-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-73-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-74-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-75-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-76-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-77-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-78-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-79-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-80-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-81-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-82-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-83-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-84-P	4.02	4.02	0	-1	0	1000000.000 (1)
5-85-P	4.02	4.02	0	-1	0	1000000.000 (1)
6-1-S	18.85	8.04	9399	-6853	0	1000000.000 (2)
6-2-S	18.85	8.04	975	-9387	0	1000000.000 (2)
6-3-S	18.85	8.04	257	-19428	0	1000000.000 (2)
6-4-S	18.85	8.04	509	-25963	0	1000000.000 (2)
6-5-S	18.85	8.04	209	-20953	0	1000000.000 (2)
6-6-S	18.85	8.04	12	-16046	0	1000000.000 (2)
6-7-S	18.85	8.04	176	-7222	0	1000000.000 (2)
6-8-S	18.85	8.04	5640	-153	0	1000000.000 (2)
6-9-S	18.85	8.04	18025	-5	0	1000000.000 (2)
6-10-S	18.85	8.04	29915	0	0	1000000.000 (2)
6-11-S	18.85	8.04	41751	0	0	1000000.000 (2)
6-12-S	18.85	8.04	53562	0	0	1000000.000 (2)
6-13-S	18.85	8.04	65472	0	0	1000000.000 (2)
6-14-S	18.85	8.04	0	-77	0	1000000.000 (1)
6-15-S	18.85	8.04	0	0	0	1000000.000 (1)
7-1-S	18.85	8.04	3511	-7217	0	1000000.000 (2)
7-2-S	18.85	8.04	74	-9021	0	1000000.000 (2)
7-3-S	18.85	8.04	426	-14629	0	1000000.000 (2)
7-4-S	18.85	8.04	688	-17892	0	1000000.000 (2)
7-5-S	18.85	8.04	307	-13694	0	1000000.000 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
7-6-S	18.85	8.04	23	-9593	0	1000000.000 (2)
7-7-S	18.85	8.04	1529	-3124	0	1000000.000 (2)
7-8-S	18.85	8.04	8959	-6	0	1000000.000 (2)
7-9-S	18.85	8.04	19501	0	0	1000000.000 (2)
7-10-S	18.85	8.04	30326	0	0	1000000.000 (2)
7-11-S	18.85	8.04	41176	0	0	1000000.000 (2)
7-12-S	18.85	8.04	52014	0	0	1000000.000 (2)
7-13-S	18.85	8.04	62818	0	0	1000000.000 (2)
7-14-S	18.85	8.04	0	-77	0	1000000.000 (1)
8-1-S	18.85	8.04	912	-6857	0	1000000.000 (2)
8-2-S	18.85	8.04	310	-8136	0	1000000.000 (2)
8-3-S	18.85	8.04	684	-10391	0	1000000.000 (2)
8-4-S	18.85	8.04	913	-11575	0	1000000.000 (2)
8-5-S	18.85	8.04	638	-8182	0	1000000.000 (2)
8-6-S	18.85	8.04	273	-5042	0	1000000.000 (2)
8-7-S	18.85	8.04	1268	-938	0	1000000.000 (3)
8-8-S	18.85	8.04	10720	0	0	1000000.000 (2)
8-9-S	18.85	8.04	19731	0	0	1000000.000 (2)
8-10-S	18.85	8.04	29811	0	0	1000000.000 (2)
8-11-S	18.85	8.04	39989	0	0	1000000.000 (2)
8-12-S	18.85	8.04	50148	0	0	1000000.000 (2)
8-13-S	18.85	8.04	60211	0	0	1000000.000 (2)
8-14-S	18.85	8.04	0	-77	0	1000000.000 (1)
9-1-S	18.85	8.04	12808	-3859	0	1000000.000 (2)
9-2-S	18.85	8.04	621	-6209	0	1000000.000 (2)
9-3-S	18.85	8.04	209	-20140	0	1000000.000 (2)
9-4-S	18.85	8.04	343	-29150	0	1000000.000 (2)
9-5-S	18.85	8.04	158	-23298	0	1000000.000 (2)
9-6-S	18.85	8.04	16	-17489	0	1000000.000 (2)
9-7-S	18.85	8.04	334	-8027	0	1000000.000 (2)
9-8-S	18.85	8.04	5265	-23	0	1000000.000 (2)
9-9-S	18.85	8.04	18177	0	0	1000000.000 (2)
9-10-S	18.85	8.04	28699	0	0	1000000.000 (2)
9-11-S	18.85	8.04	38997	0	0	1000000.000 (2)
9-12-S	18.85	8.04	49166	0	0	1000000.000 (2)
9-13-S	18.85	8.04	58928	0	0	1000000.000 (2)
9-14-S	18.85	8.04	0	-77	0	1000000.000 (1)
10-1-S	15.71	8.04	749	-5779	0	1000000.000 (2)
10-2-S	15.71	8.04	340	-6195	0	1000000.000 (2)
10-3-S	15.71	8.04	572	-7252	0	1000000.000 (2)
10-4-S	15.71	8.04	775	-7490	0	1000000.000 (2)
10-5-S	15.71	8.04	440	-5081	0	1000000.000 (2)
10-6-S	15.71	8.04	73	-2830	0	1000000.000 (3)
10-7-S	15.71	8.04	3021	0	0	1000000.000 (2)
10-8-S	15.71	8.04	11007	0	0	1000000.000 (2)
10-9-S	15.71	8.04	18994	0	0	1000000.000 (2)
10-10-S	15.71	8.04	28571	0	0	1000000.000 (2)
10-11-S	15.71	8.04	38296	0	0	1000000.000 (2)
10-12-S	15.71	8.04	48009	0	0	1000000.000 (2)
10-13-S	15.71	8.04	57660	0	0	1000000.000 (2)
10-14-S	15.71	8.04	0	-77	0	1000000.000 (1)
11-1-S	15.71	8.04	12849	-3911	0	1000000.000 (2)
11-2-S	15.71	8.04	616	-6249	0	1000000.000 (2)
11-3-S	15.71	8.04	241	-20251	0	1000000.000 (2)
11-4-S	15.71	8.04	387	-29323	0	1000000.000 (2)
11-5-S	15.71	8.04	193	-23556	0	1000000.000 (2)
11-6-S	15.71	8.04	34	-17823	0	1000000.000 (2)
11-7-S	15.71	8.04	312	-8445	0	1000000.000 (2)
11-8-S	15.71	8.04	4668	-9	0	1000000.000 (2)
11-9-S	15.71	8.04	17452	0	0	1000000.000 (2)
11-10-S	15.71	8.04	27816	0	0	1000000.000 (2)
11-11-S	15.71	8.04	37956	0	0	1000000.000 (2)
11-12-S	15.71	8.04	47967	0	0	1000000.000 (2)
11-13-S	15.71	8.04	57582	0	0	1000000.000 (2)
11-14-S	15.71	8.04	0	-77	0	1000000.000 (1)
12-1-S	15.71	8.04	791	-6778	0	1000000.000 (2)
12-2-S	15.71	8.04	209	-8085	0	1000000.000 (2)
12-3-S	15.71	8.04	549	-10313	0	1000000.000 (2)
12-4-S	15.71	8.04	736	-11501	0	1000000.000 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
12-5-S	15.71	8.04	442	-8255	0	1000000.000 (2)
12-6-S	15.71	8.04	75	-5276	0	1000000.000 (2)
12-7-S	15.71	8.04	810	-1017	0	1000000.000 (3)
12-8-S	15.71	8.04	9682	0	0	1000000.000 (2)
12-9-S	15.71	8.04	18353	0	0	1000000.000 (2)
12-10-S	15.71	8.04	28001	0	0	1000000.000 (2)
12-11-S	15.71	8.04	37739	0	0	1000000.000 (2)
12-12-S	15.71	8.04	47454	0	0	1000000.000 (2)
12-13-S	15.71	8.04	57066	0	0	1000000.000 (2)
12-14-S	15.71	8.04	0	-77	0	1000000.000 (1)
13-1-S	15.71	8.04	3225	-6798	0	1000000.000 (2)
13-2-S	15.71	8.04	127	-8756	0	1000000.000 (2)
13-3-S	15.71	8.04	509	-14216	0	1000000.000 (2)
13-4-S	15.71	8.04	759	-17378	0	1000000.000 (2)
13-5-S	15.71	8.04	394	-13422	0	1000000.000 (2)
13-6-S	15.71	8.04	92	-9366	0	1000000.000 (2)
13-7-S	15.71	8.04	1211	-3139	0	1000000.000 (2)
13-8-S	15.71	8.04	8007	0	0	1000000.000 (2)
13-9-S	15.71	8.04	17941	0	0	1000000.000 (2)
13-10-S	15.71	8.04	27804	0	0	1000000.000 (2)
13-11-S	15.71	8.04	37661	0	0	1000000.000 (2)
13-12-S	15.71	8.04	47460	0	0	1000000.000 (2)
13-13-S	15.71	8.04	57076	0	0	1000000.000 (2)
13-14-S	15.71	8.04	0	-77	0	1000000.000 (1)
14-1-S	15.71	8.04	9671	-6045	0	1000000.000 (2)
14-2-S	15.71	8.04	645	-7728	0	1000000.000 (2)
14-3-S	15.71	8.04	404	-17997	0	1000000.000 (2)
14-4-S	15.71	8.04	634	-24563	0	1000000.000 (2)
14-5-S	15.71	8.04	314	-19513	0	1000000.000 (2)
14-6-S	15.71	8.04	49	-14517	0	1000000.000 (2)
14-7-S	15.71	8.04	626	-6473	0	1000000.000 (2)
14-8-S	15.71	8.04	5848	-54	0	1000000.000 (2)
14-9-S	15.71	8.04	17435	0	0	1000000.000 (2)
14-10-S	15.71	8.04	27590	0	0	1000000.000 (2)
14-11-S	15.71	8.04	37609	0	0	1000000.000 (2)
14-12-S	15.71	8.04	47527	0	0	1000000.000 (2)
14-13-S	15.71	8.04	57145	0	0	1000000.000 (2)
14-14-S	15.71	8.04	0	-77	0	1000000.000 (1)
15-1-S	15.71	8.04	739	-7244	0	1000000.000 (2)
15-2-S	15.71	8.04	255	-7268	0	1000000.000 (2)
15-3-S	15.71	8.04	644	-8164	0	1000000.000 (2)
15-4-S	15.71	8.04	951	-8276	0	1000000.000 (2)
15-5-S	15.71	8.04	510	-5766	0	1000000.000 (2)
15-6-S	15.71	8.04	96	-3284	0	1000000.000 (2)
15-7-S	15.71	8.04	2424	-33	0	1000000.000 (2)
15-8-S	15.71	8.04	10370	0	0	1000000.000 (2)
15-9-S	15.71	8.04	18349	0	0	1000000.000 (2)
15-10-S	15.71	8.04	27878	0	0	1000000.000 (2)
15-11-S	15.71	8.04	37551	0	0	1000000.000 (2)
15-12-S	15.71	8.04	47218	0	0	1000000.000 (2)
15-13-S	15.71	8.04	56839	0	0	1000000.000 (2)
15-14-S	15.71	8.04	0	-77	0	1000000.000 (1)
16-1-S	15.71	10.05	12863	-607	0	1000000.000 (2)
16-2-S	15.71	10.05	579	-5049	0	1000000.000 (2)
16-3-S	15.71	10.05	0	-20986	0	1000000.000 (2)
16-4-S	15.71	10.05	9	-31203	0	1000000.000 (2)
16-5-S	15.71	10.05	0	-25343	0	1000000.000 (2)
16-6-S	15.71	10.05	0	-19492	0	1000000.000 (2)
16-7-S	15.71	10.05	0	-9585	0	1000000.000 (2)
16-8-S	15.71	10.05	3748	-62	0	1000000.000 (2)
16-9-S	15.71	10.05	16956	0	0	1000000.000 (2)
16-10-S	15.71	10.05	27391	0	0	1000000.000 (2)
16-11-S	15.71	10.05	37565	0	0	1000000.000 (2)
16-12-S	15.71	10.05	47601	0	0	1000000.000 (2)
16-13-S	15.71	10.05	57219	0	0	1000000.000 (2)
16-14-S	15.71	10.05	0	-77	0	1000000.000 (1)
17-1-S	15.71	8.04	739	-7244	0	1000000.000 (2)
17-2-S	15.71	8.04	255	-7268	0	1000000.000 (2)
17-3-S	15.71	8.04	644	-8164	0	1000000.000 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
17-4-S	15.71	8.04	951	-8276	0	1000000.000 (2)
17-5-S	15.71	8.04	510	-5766	0	1000000.000 (2)
17-6-S	15.71	8.04	96	-3284	0	1000000.000 (2)
17-7-S	15.71	8.04	2424	-33	0	1000000.000 (2)
17-8-S	15.71	8.04	10370	0	0	1000000.000 (2)
17-9-S	15.71	8.04	18349	0	0	1000000.000 (2)
17-10-S	15.71	8.04	27878	0	0	1000000.000 (2)
17-11-S	15.71	8.04	37551	0	0	1000000.000 (2)
17-12-S	15.71	8.04	47217	0	0	1000000.000 (2)
17-13-S	15.71	8.04	56838	0	0	1000000.000 (2)
17-14-S	15.71	8.04	0	-77	0	1000000.000 (1)
18-1-S	15.71	8.04	9672	-6045	0	1000000.000 (2)
18-2-S	15.71	8.04	646	-7728	0	1000000.000 (2)
18-3-S	15.71	8.04	404	-17997	0	1000000.000 (2)
18-4-S	15.71	8.04	634	-24563	0	1000000.000 (2)
18-5-S	15.71	8.04	314	-19513	0	1000000.000 (2)
18-6-S	15.71	8.04	49	-14517	0	1000000.000 (2)
18-7-S	15.71	8.04	626	-6473	0	1000000.000 (2)
18-8-S	15.71	8.04	5848	-54	0	1000000.000 (2)
18-9-S	15.71	8.04	17435	0	0	1000000.000 (2)
18-10-S	15.71	8.04	27590	0	0	1000000.000 (2)
18-11-S	15.71	8.04	37608	0	0	1000000.000 (2)
18-12-S	15.71	8.04	47526	0	0	1000000.000 (2)
18-13-S	15.71	8.04	57143	0	0	1000000.000 (2)
18-14-S	15.71	8.04	0	-77	0	1000000.000 (1)
19-1-S	15.71	8.04	3225	-6798	0	1000000.000 (2)
19-2-S	15.71	8.04	128	-8755	0	1000000.000 (2)
19-3-S	15.71	8.04	509	-14216	0	1000000.000 (2)
19-4-S	15.71	8.04	760	-17378	0	1000000.000 (2)
19-5-S	15.71	8.04	394	-13422	0	1000000.000 (2)
19-6-S	15.71	8.04	92	-9365	0	1000000.000 (2)
19-7-S	15.71	8.04	1211	-3138	0	1000000.000 (2)
19-8-S	15.71	8.04	8008	0	0	1000000.000 (2)
19-9-S	15.71	8.04	17942	0	0	1000000.000 (2)
19-10-S	15.71	8.04	27804	0	0	1000000.000 (2)
19-11-S	15.71	8.04	37660	0	0	1000000.000 (2)
19-12-S	15.71	8.04	47460	0	0	1000000.000 (2)
19-13-S	15.71	8.04	57075	0	0	1000000.000 (2)
19-14-S	15.71	8.04	0	-77	0	1000000.000 (1)
20-1-S	15.71	8.04	791	-6778	0	1000000.000 (2)
20-2-S	15.71	8.04	209	-8084	0	1000000.000 (2)
20-3-S	15.71	8.04	549	-10312	0	1000000.000 (2)
20-4-S	15.71	8.04	736	-11500	0	1000000.000 (2)
20-5-S	15.71	8.04	442	-8254	0	1000000.000 (2)
20-6-S	15.71	8.04	75	-5274	0	1000000.000 (2)
20-7-S	15.71	8.04	811	-1016	0	1000000.000 (3)
20-8-S	15.71	8.04	9684	0	0	1000000.000 (2)
20-9-S	15.71	8.04	18355	0	0	1000000.000 (2)
20-10-S	15.71	8.04	28003	0	0	1000000.000 (2)
20-11-S	15.71	8.04	37740	0	0	1000000.000 (2)
20-12-S	15.71	8.04	47454	0	0	1000000.000 (2)
20-13-S	15.71	8.04	57066	0	0	1000000.000 (2)
20-14-S	15.71	8.04	0	-77	0	1000000.000 (1)
21-1-S	15.71	8.04	12850	-3911	0	1000000.000 (2)
21-2-S	15.71	8.04	617	-6249	0	1000000.000 (2)
21-3-S	15.71	8.04	242	-20249	0	1000000.000 (2)
21-4-S	15.71	8.04	388	-29321	0	1000000.000 (2)
21-5-S	15.71	8.04	194	-23553	0	1000000.000 (2)
21-6-S	15.71	8.04	34	-17818	0	1000000.000 (2)
21-7-S	15.71	8.04	313	-8441	0	1000000.000 (2)
21-8-S	15.71	8.04	4673	-8	0	1000000.000 (2)
21-9-S	15.71	8.04	17458	0	0	1000000.000 (2)
21-10-S	15.71	8.04	27822	0	0	1000000.000 (2)
21-11-S	15.71	8.04	37961	0	0	1000000.000 (2)
21-12-S	15.71	8.04	47971	0	0	1000000.000 (2)
21-13-S	15.71	8.04	57585	0	0	1000000.000 (2)
21-14-S	15.71	8.04	0	-77	0	1000000.000 (1)
22-1-S	15.71	8.04	749	-5777	0	1000000.000 (2)
22-2-S	15.71	8.04	341	-6193	0	1000000.000 (2)

Is	Afi	Afs	Mp	Mn	Mu	FS
	[cmq]	[cmq]	[kgm]	[kgm]	[kgm]	
22-3-S	15.71	8.04	573	-7249	0	1000000.000 (2)
22-4-S	15.71	8.04	776	-7485	0	1000000.000 (2)
22-5-S	15.71	8.04	441	-5074	0	1000000.000 (2)
22-6-S	15.71	8.04	74	-2823	0	1000000.000 (3)
22-7-S	15.71	8.04	3031	0	0	1000000.000 (2)
22-8-S	15.71	8.04	11019	0	0	1000000.000 (2)
22-9-S	15.71	8.04	19008	0	0	1000000.000 (2)
22-10-S	15.71	8.04	28585	0	0	1000000.000 (2)
22-11-S	15.71	8.04	38310	0	0	1000000.000 (2)
22-12-S	15.71	8.04	48023	0	0	1000000.000 (2)
22-13-S	15.71	8.04	57673	0	0	1000000.000 (2)
22-14-S	15.71	8.04	0	-77	0	1000000.000 (1)
23-1-S	18.85	8.04	12810	-3858	0	1000000.000 (2)
23-2-S	18.85	8.04	622	-6207	0	1000000.000 (2)
23-3-S	18.85	8.04	210	-20135	0	1000000.000 (2)
23-4-S	18.85	8.04	343	-29143	0	1000000.000 (2)
23-5-S	18.85	8.04	158	-23287	0	1000000.000 (2)
23-6-S	18.85	8.04	16	-17475	0	1000000.000 (2)
23-7-S	18.85	8.04	337	-8012	0	1000000.000 (2)
23-8-S	18.85	8.04	5289	-24	0	1000000.000 (2)
23-9-S	18.85	8.04	18204	0	0	1000000.000 (2)
23-10-S	18.85	8.04	28729	0	0	1000000.000 (2)
23-11-S	18.85	8.04	39030	0	0	1000000.000 (2)
23-12-S	18.85	8.04	49202	0	0	1000000.000 (2)
23-13-S	18.85	8.04	58965	0	0	1000000.000 (2)
23-14-S	18.85	8.04	0	-77	0	1000000.000 (1)
24-1-S	18.85	8.04	916	-6859	0	1000000.000 (2)
24-2-S	18.85	8.04	314	-8137	0	1000000.000 (2)
24-3-S	18.85	8.04	689	-10392	0	1000000.000 (2)
24-4-S	18.85	8.04	919	-11575	0	1000000.000 (2)
24-5-S	18.85	8.04	645	-8179	0	1000000.000 (2)
24-6-S	18.85	8.04	281	-5036	0	1000000.000 (2)
24-7-S	18.85	8.04	1281	-934	0	1000000.000 (3)
24-8-S	18.85	8.04	10751	0	0	1000000.000 (2)
24-9-S	18.85	8.04	19771	0	0	1000000.000 (2)
24-10-S	18.85	8.04	29864	0	0	1000000.000 (2)
24-11-S	18.85	8.04	40056	0	0	1000000.000 (2)
24-12-S	18.85	8.04	50229	0	0	1000000.000 (2)
24-13-S	18.85	8.04	60306	0	0	1000000.000 (2)
24-14-S	18.85	8.04	0	-77	0	1000000.000 (1)
25-1-S	18.85	8.04	3510	-7220	0	1000000.000 (2)
25-2-S	18.85	8.04	74	-9027	0	1000000.000 (2)
25-3-S	18.85	8.04	425	-14635	0	1000000.000 (2)
25-4-S	18.85	8.04	686	-17896	0	1000000.000 (2)
25-5-S	18.85	8.04	304	-13690	0	1000000.000 (2)
25-6-S	18.85	8.04	22	-9584	0	1000000.000 (2)
25-7-S	18.85	8.04	1538	-3118	0	1000000.000 (2)
25-8-S	18.85	8.04	8984	-8	0	1000000.000 (2)
25-9-S	18.85	8.04	19532	0	0	1000000.000 (2)
25-10-S	18.85	8.04	30381	0	0	1000000.000 (2)
25-11-S	18.85	8.04	41257	0	0	1000000.000 (2)
25-12-S	18.85	8.04	52145	0	0	1000000.000 (2)
25-13-S	18.85	8.04	63077	0	0	1000000.000 (2)
25-14-S	18.85	8.04	0	-77	0	1000000.000 (1)
26-1-S	18.85	8.04	9393	-6858	0	1000000.000 (2)
26-2-S	18.85	8.04	972	-9391	0	1000000.000 (2)
26-3-S	18.85	8.04	259	-19435	0	1000000.000 (2)
26-4-S	18.85	8.04	507	-25982	0	1000000.000 (2)
26-5-S	18.85	8.04	194	-21030	0	1000000.000 (2)
26-6-S	18.85	8.04	2	-16199	0	1000000.000 (2)
26-7-S	18.85	8.04	194	-7281	0	1000000.000 (2)
26-8-S	18.85	8.04	5855	-159	0	1000000.000 (2)
26-9-S	18.85	8.04	18477	0	0	1000000.000 (2)
26-10-S	18.85	8.04	29972	0	0	1000000.000 (2)
26-11-S	18.85	8.04	41347	0	0	1000000.000 (2)
26-12-S	18.85	8.04	53008	0	0	1000000.000 (2)
26-13-S	18.85	8.04	65670	0	0	1000000.000 (2)
26-14-S	18.85	8.04	0	-77	0	1000000.000 (1)
26-15-S	18.85	8.04	0	0	0	1000000.000 (1)

Pali in c.a.

Ip	Is	A_f	M	N	Mu	Nu	FS
		[cmq]	*[kgm]*	*[kg]*	*[kgm]*	*[kg]*	
1	66	31.86	29316	-31268	29352	-31306	1.001
2	1	116.80	92435	119936	141673	183824	1.533

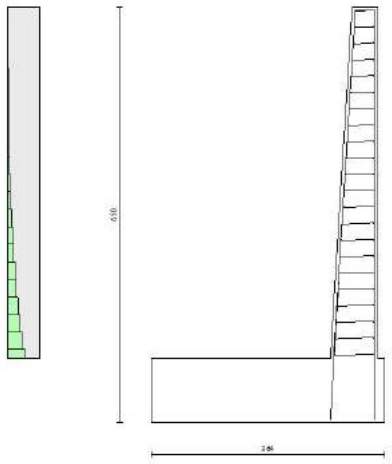

Fig. 55 - Paramento (Inviluppo)

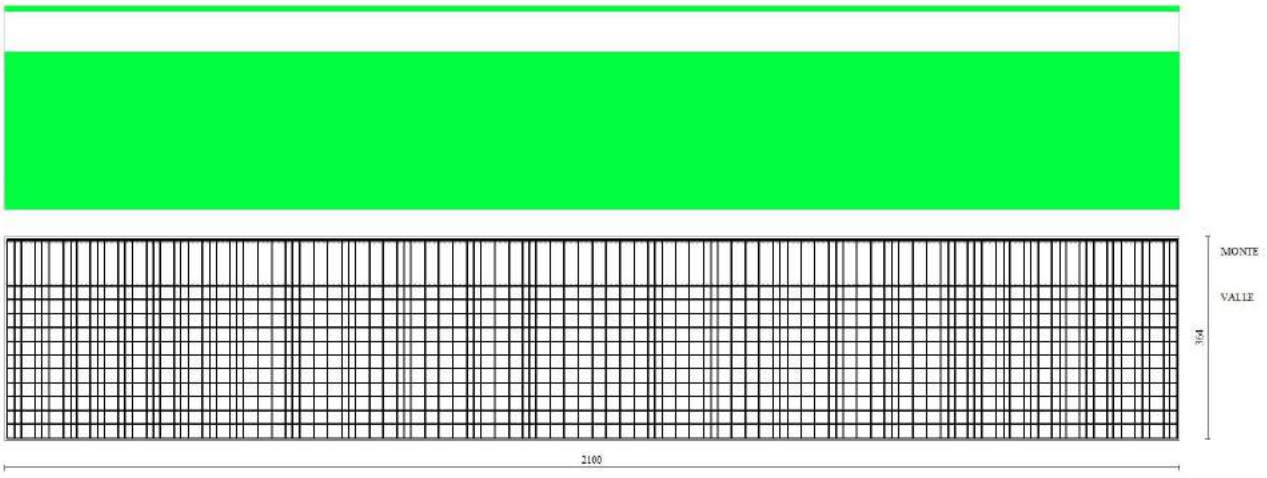

Fig. 56 - Piastra fondazione dir. X (Inviluppo)

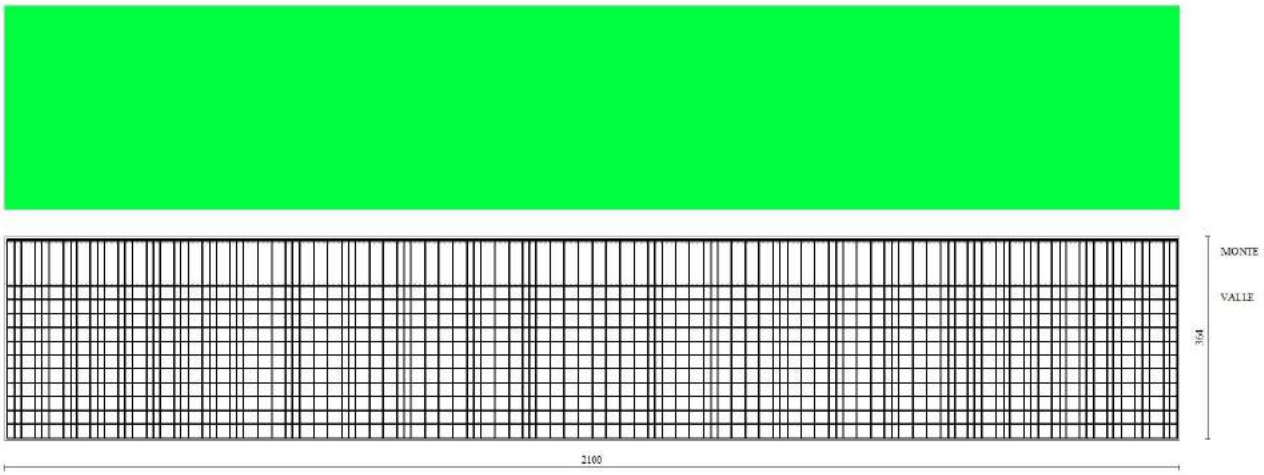

Fig. 57 - Piastra fondazione dir. Y (Inviluppo)

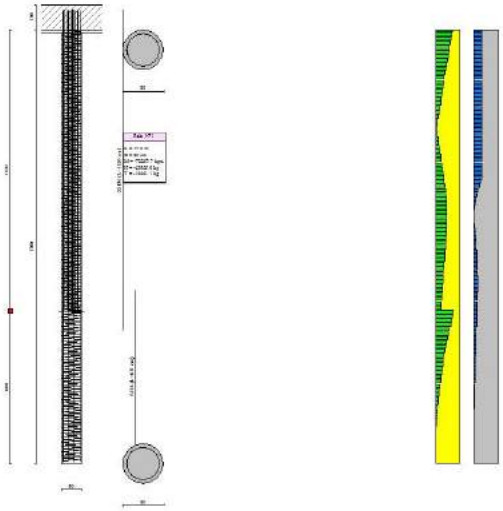

Fig. 58 - Pali (Palo n° 1) (Inviluppo)

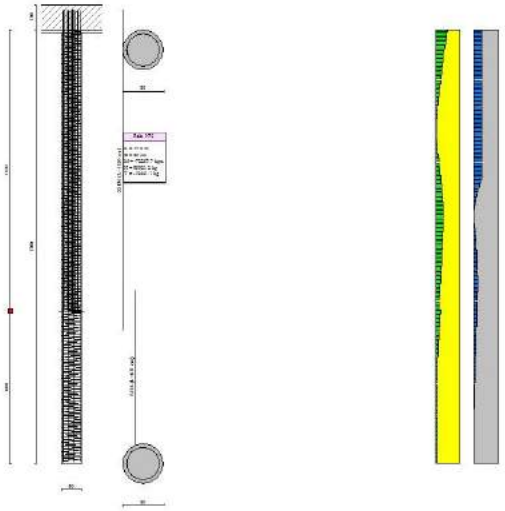

Fig. 59 - Pali (Palo n° 2) (Inviluppo)

Verifiche a taglio

Simbologia adottata

Is indice sezione

Y ordinata sezione espressa in [m]

B larghezza sezione espresso in [cm]

H altezza sezione espressa in [cm]

A_{sw} area ferri a taglio espresso in [cmq]

cotgθ inclinazione delle bielle compresse, θ inclinazione dei puntoni di calcestruzzo

V_{Rcd} resistenza di progetto a 'taglio compressione' espressa in [kg]

V_{Rsd} resistenza di progetto a 'taglio trazione' espressa in [kg]

V_{Rd} resistenza di progetto a taglio espresso in [kg]. Per elementi con armature trasversali resistenti al taglio (A_{sw}>0.0) V_{Rd}=min(V_{Rcd}, V_{Rsd}).

T taglio agente espressa in [kg]

FS fattore di sicurezza (rapporto tra sollecitazione resistente e sollecitazione agente)

Paramento

n°	B	H	A_{sw}	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	*[cm]*	*[cmq]*		*[kg]*	*[kg]*	*[kg]*	*[kg]*	
1	100	40	0.00	--	0	0	22080	0	100.000
2	100	42	0.00	--	0	0	22581	99	227.014
3	100	43	0.00	--	0	0	23075	237	97.477
4	100	45	0.00	--	0	0	23564	412	57.226
5	100	47	0.00	--	0	0	24047	625	38.500
6	100	48	0.00	--	0	0	24525	875	28.021
7	100	50	0.00	--	0	0	24998	1164	21.483
8	100	52	0.00	--	0	0	25467	1490	17.094
9	100	53	0.00	--	0	0	25932	1854	13.988
10	100	55	0.00	--	0	0	26392	2256	11.701
11	100	57	0.00	--	0	0	26850	2697	9.954
12	100	59	0.00	--	0	0	27304	3210	8.507
13	100	60	0.00	--	0	0	27755	3817	7.272
14	100	62	0.00	--	0	0	28203	4519	6.241
15	100	64	0.00	--	0	0	28648	5316	5.389
16	100	65	0.00	--	0	0	29091	6208	4.686
17	100	67	0.00	--	0	0	29532	7195	4.104
18	100	69	0.00	--	0	0	29970	8277	3.621

n°	B	H	A_{sw}	cotθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
19	100	70	0.00	--	0	0	30406	9455	3.216
20	100	72	0.00	--	0	0	30841	10728	2.875
21	100	74	0.00	--	0	0	31273	12096	2.586

Fondazione

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-1-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-2-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-3-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-4-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-5-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-6-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-7-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-8-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-9-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-10-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-11-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-12-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-13-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-14-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-15-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-16-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-17-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-18-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-19-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-20-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-21-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-22-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-23-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-24-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-25-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-26-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-27-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-28-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-29-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-30-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-31-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-32-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-33-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-34-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-35-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-36-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-37-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-38-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-39-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-40-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-41-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-42-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-43-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-44-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-45-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-46-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-47-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-48-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-49-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-50-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-51-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-52-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-53-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-54-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-55-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-56-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-57-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-58-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-59-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
1-60-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-61-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-62-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-63-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-64-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-65-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-66-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-67-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-68-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-69-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-70-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-71-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-72-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-73-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-74-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-75-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-76-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-77-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-78-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-79-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-80-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-81-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-82-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-83-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-84-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
1-85-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-1-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-2-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-3-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-4-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-5-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-6-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-7-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-8-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-9-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-10-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-11-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-12-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-13-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-14-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-15-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-16-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-17-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-18-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-19-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-20-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-21-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-22-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-23-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-24-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-25-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-26-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-27-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-28-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-29-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-30-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-31-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-32-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-33-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-34-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-35-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-36-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-37-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-38-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-39-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-40-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-41-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-42-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-43-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
2-44-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-45-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-46-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-47-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-48-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-49-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-50-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-51-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-52-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-53-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-54-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-55-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-56-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-57-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-58-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-59-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-60-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-61-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-62-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-63-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-64-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-65-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-66-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-67-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-68-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-69-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-70-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-71-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-72-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-73-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-74-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-75-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-76-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-77-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-78-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-79-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-80-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-81-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-82-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-83-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-84-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
2-85-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-1-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-2-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-3-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-4-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-5-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-6-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-7-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-8-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-9-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-10-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-11-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-12-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-13-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-14-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-15-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-16-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-17-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-18-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-19-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-20-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-21-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-22-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-23-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-24-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-25-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-26-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-27-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
3-28-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-29-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-30-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-31-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-32-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-33-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-34-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-35-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-36-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-37-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-38-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-39-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-40-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-41-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-42-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-43-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-44-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-45-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-46-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-47-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-48-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-49-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-50-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-51-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-52-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-53-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-54-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-55-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-56-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-57-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-58-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-59-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-60-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-61-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-62-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-63-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-64-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-65-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-66-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-67-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-68-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-69-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-70-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-71-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-72-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-73-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-74-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-75-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-76-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-77-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-78-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-79-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-80-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-81-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-82-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-83-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-84-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
3-85-P	93	100	0.00	0.000	0	0	0	0	100.000 (1)
5-1-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-2-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-3-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-4-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-5-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-6-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-7-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-8-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-9-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-10-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-11-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
5-12-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-13-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-14-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-15-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-16-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-17-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-18-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-19-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-20-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-21-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-22-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-23-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-24-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-25-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-26-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-27-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-28-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-29-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-30-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-31-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-32-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-33-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-34-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-35-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-36-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-37-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-38-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-39-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-40-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-41-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-42-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-43-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-44-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-45-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-46-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-47-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-48-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-49-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-50-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-51-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-52-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-53-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-54-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-55-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-56-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-57-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-58-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-59-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-60-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-61-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-62-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-63-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-64-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-65-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-66-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-67-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-68-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-69-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-70-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-71-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-72-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-73-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-74-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-75-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-76-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-77-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-78-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-79-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-80-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
5-81-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-82-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-83-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-84-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
5-85-P	10	100	0.00	0.000	0	0	0	0	100.000 (1)
6-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
6-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
7-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
8-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
9-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
10-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
10-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
11-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
12-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
13-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
14-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
14-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
15-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
16-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
17-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
18-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
19-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
19-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
20-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
21-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
22-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
23-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)

Is	B	H	A_{sw}	cotg (θ)	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
	[cm]	[cm]	[cmq]		[kg]	[kg]	[kg]	[kg]	
24-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
24-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
25-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-1-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-2-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-3-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-4-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-5-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-6-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-7-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-8-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-9-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-10-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-11-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-12-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-13-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-14-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)
26-15-S	100	100	0.00	0.000	0	0	0	0	100.000 (1)

Pali in c.a.

La verifica a taglio sui pali circolari in c.a. viene eseguita considerando una sezione quadrata inscritta nella circonferenza. Se D è il diametro del palo, il lato della sezione quadrata sulla quale si esegue la verifica è $L = 2^{0.5}/2\ D$.

Ip	Is	L	A_{sw}	s	cotgθ	V_{Rcd}	V_{Rsd}	V_{Rd}	T	FS
		[cm]	[cmq]	[cm]		[kg]	[kg]	[kg]	[kg]	
1	9	56.57	157.08	13	2.500	82684	54053	54053	23996	2.253
2	9	56.57	157.08	13	2.500	96036	54053	54053	23996	2.253

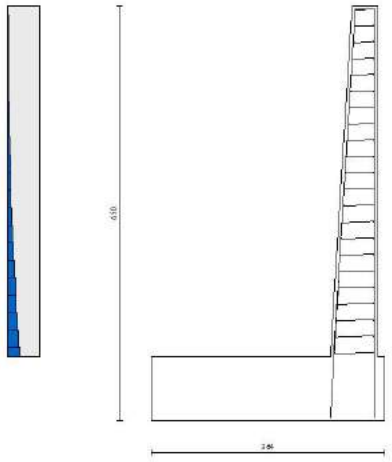

Fig. 60 - Paramento (Inviluppo)

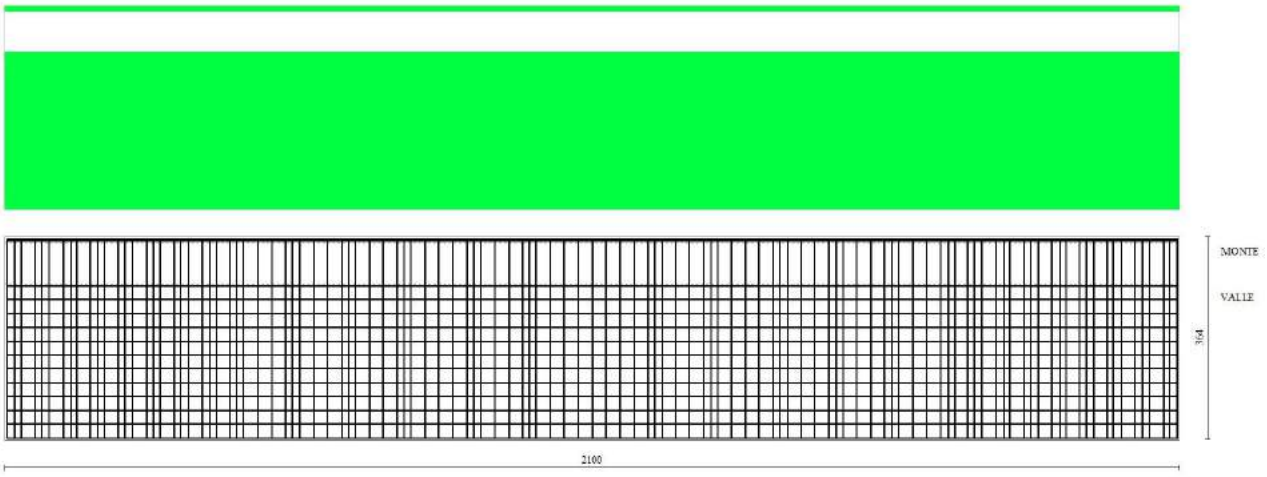

Fig. 61 - Piastra fondazione dir. X (Inviluppo)

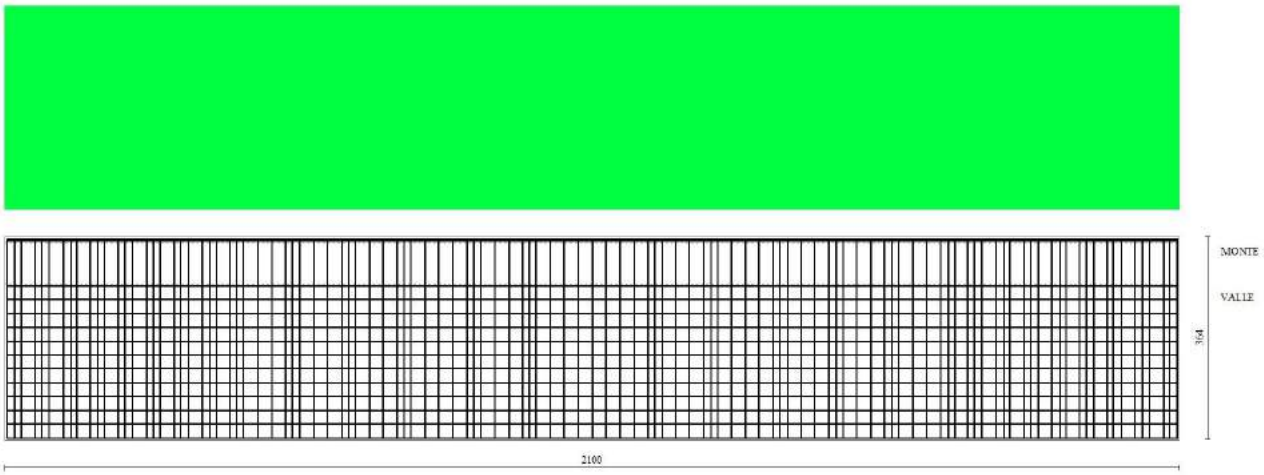

Fig. 62 - Piastra fondazione dir. Y (Inviluppo)

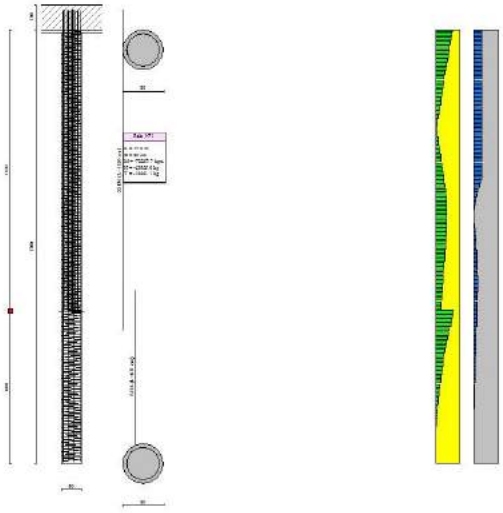

Fig. 63 - Pali (Palo n° 1) (Inviluppo)

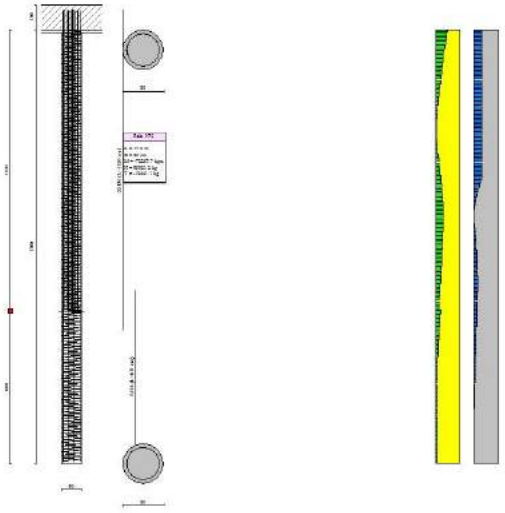

Fig. 64 - Pali (Palo n° 2) (Inviluppo)

Verifica a punzonamento

Simbologia adottata

OP	Oggetto che viene punzonato
P	Oggetto che punzona
c_1, c_2	Dimensioni pilastro nelle due direzioni, espressa in [mm]
d	Altezza utile della fondazione, espressa in [mm]
u_0	Lunghezza perimetro di verifica a faccia pilastro, espresso in [mm]
u_1	Lunghezza perimetro di verifica per effetto della diffusione, espresso in [mm]
ρ_y, ρ_z	Percentuali di armatura piastra in zona tesa
dpc, duc	distanza della prima e dell'ultima cucitura dalla faccia del pilastro
$V_{Ed,i}$	Tensione di taglio sul perimetro del pilastro, espressa in [kg/cmq]
$V_{Rd,max}$	Valore di progetto del massimo taglio-punzonamento resistente, espressa in [kg/cmq]
$V_{Ed,f}$	Tensione di taglio sul perimetro di verifica u1, espresso in [kg/cmq]
$V_{Rd,cf}$	Valore di progetto del taglio-punzonamento resistente senza armature sul perimetro di verifica u1, espresso in [kg/cmq]
$V_{Rd,cs}$	Valore di progetto del taglio-punzonamento resistente con armature, espresso in [kg/cmq]
nsc	Numero di serie di cuciture
nc	Numero di cuciture
FS	Fattore di sicurezza (minore tra i rapporti $V_{Rd,max}/V_{Ed,i}$, $V_{Rd,cf}/V_{Ed,f}$ e $V_{Rd,cs}/V_{Ed,f}$)

Verifica delle tensioni

Simbologia adottata

n°	indice sezione
Y	ordinata sezione, espressa in [m]
B	larghezza sezione, espresso in [cm]
H	altezza sezione, espressa in [cm]
Afi	area ferri inferiori, espresso in [cmq]
Afs	area ferri superiori, espressa in [cmq]
M	momento agente, espressa in [kgm]
N	sforzo normale agente, espressa in [kg]
σc	tensione di compressione nel cls, espressa in [kg/cmq]
σfi	tensione nei ferri inferiori, espressa in [kg/cmq]
σfs	tensione nei ferri superiori, espressa in [kg/cmq]

Combinazioni SLER

Paramento

Tensione massima di compressione nel calcestruzzo	203.12	[kg/cmq]
Tensione massima di trazione dell'acciaio	3670.40	[kg/cmq]

n°	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kg]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	100	40	12.57	12.57	0	0	0.00 (13)	0.00 (13)	0.00 (13)
2	100	42	12.57	12.57	-1	281	0.07 (13)	0.97 (13)	0.88 (13)
3	100	43	12.57	12.57	-5	573	0.13 (13)	1.98 (13)	1.67 (13)
4	100	45	12.57	12.57	-11	877	0.21 (13)	3.03 (13)	2.36 (13)
5	100	47	12.57	12.57	-20	1193	0.28 (13)	4.11 (13)	2.97 (13)
6	100	48	12.57	12.57	-31	1520	0.36 (13)	5.22 (13)	3.52 (13)
7	100	50	12.57	12.57	-45	1858	0.44 (13)	6.35 (13)	4.00 (13)
8	100	52	12.57	12.57	-57	2208	0.51 (13)	7.37 (13)	4.55 (13)
9	100	53	12.57	12.57	-54	2570	0.55 (13)	8.00 (13)	5.48 (13)
10	100	55	12.57	12.57	-20	2943	0.53 (13)	7.93 (13)	7.06 (13)
11	100	57	12.57	12.57	61	3328	0.65 (13)	6.96 (13)	9.52 (13)
12	100	59	12.57	12.57	205	3725	0.91 (13)	4.91 (13)	13.03 (13)
13	100	60	12.57	12.57	426	4133	1.26 (13)	1.65 (13)	17.74 (13)
14	100	62	12.57	12.57	741	4552	1.79 (13)	5.34 (13)	24.58 (13)
15	100	64	12.57	12.57	1166	4983	2.67 (13)	25.38 (13)	35.60 (13)
16	100	65	12.57	12.57	1716	5426	3.91 (13)	66.33 (13)	50.53 (13)
17	100	67	12.57	12.57	2406	5880	5.43 (13)	128.21 (13)	68.12 (13)
18	100	69	12.57	12.57	3253	6346	7.17 (13)	208.97 (13)	87.94 (13)
19	100	70	12.57	12.57	4272	6823	9.12 (13)	307.72 (13)	110.03 (13)
20	100	72	12.57	12.57	5479	7312	11.30 (13)	424.36 (13)	134.51 (13)
21	100	74	12.57	12.57	6890	7813	13.69 (13)	559.14 (13)	161.49 (13)

Piastra fondazione

Tensione massima di compressione nel calcestruzzo	203.12	[kg/cmq]
Tensione massima di trazione dell'acciaio	3670.40	[kg/cmq]

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	*[cm]*	*[cmq]*	*[cmq]*	*[kgm]*	*[kgm]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1-1-P	93	100	8.04	8.04	0	1374	0.00 (13)	0.00 (13)	0.00 (13)
1-2-P	93	100	8.04	8.04	0	760	0.00 (13)	0.00 (13)	0.00 (13)
1-3-P	93	100	8.04	8.04	0	15	0.00 (13)	0.00 (13)	0.00 (13)
1-4-P	93	100	8.04	8.04	0	4	0.00 (13)	0.00 (13)	0.00 (13)
1-5-P	93	100	8.04	8.04	0	15	0.00 (13)	0.00 (13)	0.00 (13)
1-6-P	93	100	8.04	8.04	0	2954	0.00 (13)	0.00 (13)	0.00 (13)
1-7-P	93	100	8.04	8.04	0	3010	0.00 (13)	0.00 (13)	0.00 (13)
1-8-P	93	100	8.04	8.04	0	4402	0.00 (13)	0.00 (13)	0.00 (13)
1-9-P	93	100	8.04	8.04	0	4384	0.00 (13)	0.00 (13)	0.00 (13)
1-10-P	93	100	8.04	8.04	0	3598	0.00 (13)	0.00 (13)	0.00 (13)
1-11-P	93	100	8.04	8.04	0	2348	0.00 (13)	0.00 (13)	0.00 (13)
1-12-P	93	100	8.04	8.04	0	78	0.00 (13)	0.00 (13)	0.00 (13)
1-13-P	93	100	8.04	8.04	0	132	0.00 (13)	0.00 (13)	0.00 (13)
1-14-P	93	100	8.04	8.04	0	36	0.00 (13)	0.00 (13)	0.00 (13)
1-15-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-16-P	93	100	8.04	8.04	0	3172	0.00 (13)	0.00 (13)	0.00 (13)
1-17-P	93	100	8.04	8.04	0	3737	0.00 (13)	0.00 (13)	0.00 (13)
1-18-P	93	100	8.04	8.04	0	5268	0.00 (13)	0.00 (13)	0.00 (13)
1-19-P	93	100	8.04	8.04	0	3814	0.00 (13)	0.00 (13)	0.00 (13)
1-20-P	93	100	8.04	8.04	0	3263	0.00 (13)	0.00 (13)	0.00 (13)
1-21-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-22-P	93	100	8.04	8.04	0	33	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-23-P	93	100	8.04	8.04	0	94	0.00 (13)	0.00 (13)	0.00 (13)
1-24-P	93	100	8.04	8.04	0	40	0.00 (13)	0.00 (13)	0.00 (13)
1-25-P	93	100	8.04	8.04	0	1862	0.00 (13)	0.00 (13)	0.00 (13)
1-26-P	93	100	8.04	8.04	0	3040	0.00 (13)	0.00 (13)	0.00 (13)
1-27-P	93	100	8.04	8.04	0	3925	0.00 (13)	0.00 (13)	0.00 (13)
1-28-P	93	100	8.04	8.04	0	4212	0.00 (13)	0.00 (13)	0.00 (13)
1-29-P	93	100	8.04	8.04	0	3164	0.00 (13)	0.00 (13)	0.00 (13)
1-30-P	93	100	8.04	8.04	0	3133	0.00 (13)	0.00 (13)	0.00 (13)
1-31-P	93	100	8.04	8.04	0	34	0.00 (13)	0.00 (13)	0.00 (13)
1-32-P	93	100	8.04	8.04	0	59	0.00 (13)	0.00 (13)	0.00 (13)
1-33-P	93	100	8.04	8.04	0	36	0.00 (13)	0.00 (13)	0.00 (13)
1-34-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-35-P	93	100	8.04	8.04	0	3021	0.00 (13)	0.00 (13)	0.00 (13)
1-36-P	93	100	8.04	8.04	0	3215	0.00 (13)	0.00 (13)	0.00 (13)
1-37-P	93	100	8.04	8.04	0	4439	0.00 (13)	0.00 (13)	0.00 (13)
1-38-P	93	100	8.04	8.04	0	3579	0.00 (13)	0.00 (13)	0.00 (13)
1-39-P	93	100	8.04	8.04	0	2922	0.00 (13)	0.00 (13)	0.00 (13)
1-40-P	93	100	8.04	8.04	0	584	0.00 (13)	0.00 (13)	0.00 (13)
1-41-P	93	100	8.04	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
1-42-P	93	100	8.04	8.04	0	115	0.00 (13)	0.00 (13)	0.00 (13)
1-43-P	93	100	8.04	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
1-44-P	93	100	8.04	8.04	0	584	0.00 (13)	0.00 (13)	0.00 (13)
1-45-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-46-P	93	100	8.04	8.04	0	3579	0.00 (13)	0.00 (13)	0.00 (13)
1-47-P	93	100	8.04	8.04	0	4439	0.00 (13)	0.00 (13)	0.00 (13)
1-48-P	93	100	8.04	8.04	0	3215	0.00 (13)	0.00 (13)	0.00 (13)
1-49-P	93	100	8.04	8.04	0	3021	0.00 (13)	0.00 (13)	0.00 (13)
1-50-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-51-P	93	100	8.04	8.04	0	36	0.00 (13)	0.00 (13)	0.00 (13)
1-52-P	93	100	8.04	8.04	0	59	0.00 (13)	0.00 (13)	0.00 (13)
1-53-P	93	100	8.04	8.04	0	34	0.00 (13)	0.00 (13)	0.00 (13)
1-54-P	93	100	8.04	8.04	0	3134	0.00 (13)	0.00 (13)	0.00 (13)
1-55-P	93	100	8.04	8.04	0	3166	0.00 (13)	0.00 (13)	0.00 (13)
1-56-P	93	100	8.04	8.04	0	4215	0.00 (13)	0.00 (13)	0.00 (13)
1-57-P	93	100	8.04	8.04	0	3928	0.00 (13)	0.00 (13)	0.00 (13)
1-58-P	93	100	8.04	8.04	0	3042	0.00 (13)	0.00 (13)	0.00 (13)
1-59-P	93	100	8.04	8.04	0	1864	0.00 (13)	0.00 (13)	0.00 (13)
1-60-P	93	100	8.04	8.04	0	40	0.00 (13)	0.00 (13)	0.00 (13)
1-61-P	93	100	8.04	8.04	0	95	0.00 (13)	0.00 (13)	0.00 (13)
1-62-P	93	100	8.04	8.04	0	34	0.00 (13)	0.00 (13)	0.00 (13)
1-63-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-64-P	93	100	8.04	8.04	0	3271	0.00 (13)	0.00 (13)	0.00 (13)
1-65-P	93	100	8.04	8.04	0	3828	0.00 (13)	0.00 (13)	0.00 (13)
1-66-P	93	100	8.04	8.04	0	5284	0.00 (13)	0.00 (13)	0.00 (13)
1-67-P	93	100	8.04	8.04	0	3751	0.00 (13)	0.00 (13)	0.00 (13)
1-68-P	93	100	8.04	8.04	0	3182	0.00 (13)	0.00 (13)	0.00 (13)
1-69-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-70-P	93	100	8.04	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
1-71-P	93	100	8.04	8.04	0	135	0.00 (13)	0.00 (13)	0.00 (13)
1-72-P	93	100	8.04	8.04	0	80	0.00 (13)	0.00 (13)	0.00 (13)
1-73-P	93	100	8.04	8.04	0	2371	0.00 (13)	0.00 (13)	0.00 (13)
1-74-P	93	100	8.04	8.04	0	3630	0.00 (13)	0.00 (13)	0.00 (13)
1-75-P	93	100	8.04	8.04	0	4419	0.00 (13)	0.00 (13)	0.00 (13)
1-76-P	93	100	8.04	8.04	0	4437	0.00 (13)	0.00 (13)	0.00 (13)
1-77-P	93	100	8.04	8.04	0	3037	0.00 (13)	0.00 (13)	0.00 (13)
1-78-P	93	100	8.04	8.04	0	2972	0.00 (13)	0.00 (13)	0.00 (13)
1-79-P	93	100	8.04	8.04	0	15	0.00 (13)	0.00 (13)	0.00 (13)
1-80-P	93	100	8.04	8.04	0	4	0.00 (13)	0.00 (13)	0.00 (13)
1-81-P	93	100	8.04	8.04	0	15	0.00 (13)	0.00 (13)	0.00 (13)
1-82-P	93	100	8.04	8.04	0	757	0.00 (13)	0.00 (13)	0.00 (13)
1-83-P	93	100	8.04	8.04	0	1377	0.00 (13)	0.00 (13)	0.00 (13)
1-84-P	93	100	8.04	8.04	0	1722	0.00 (13)	0.00 (13)	0.00 (13)
1-85-P	93	100	8.04	8.04	0	506	0.00 (13)	0.00 (13)	0.00 (13)
2-1-P	93	100	8.04	8.04	0	238	0.00 (13)	0.00 (13)	0.00 (13)
2-2-P	93	100	8.04	8.04	0	65	0.00 (13)	0.00 (13)	0.00 (13)
2-3-P	93	100	8.04	8.04	0	59	0.00 (13)	0.00 (13)	0.00 (13)
2-4-P	93	100	8.04	8.04	0	180	0.00 (13)	0.00 (13)	0.00 (13)
2-5-P	93	100	8.04	8.04	0	470	0.00 (13)	0.00 (13)	0.00 (13)
2-6-P	93	100	8.04	8.04	0	1569	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2-7-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
2-8-P	93	100	8.04	8.04	0	3682	0.00 (13)	0.00 (13)	0.00 (13)
2-9-P	93	100	8.04	8.04	0	3569	0.00 (13)	0.00 (13)	0.00 (13)
2-10-P	93	100	8.04	8.04	0	2663	0.00 (13)	0.00 (13)	0.00 (13)
2-11-P	93	100	8.04	8.04	0	1571	0.00 (13)	0.00 (13)	0.00 (13)
2-12-P	93	100	8.04	8.04	0	594	0.00 (13)	0.00 (13)	0.00 (13)
2-13-P	93	100	8.04	8.04	0	341	0.00 (13)	0.00 (13)	0.00 (13)
2-14-P	93	100	8.04	8.04	0	451	0.00 (13)	0.00 (13)	0.00 (13)
2-15-P	93	100	8.04	8.04	0	847	0.00 (13)	0.00 (13)	0.00 (13)
2-16-P	93	100	8.04	8.04	0	1971	0.00 (13)	0.00 (13)	0.00 (13)
2-17-P	93	100	8.04	8.04	0	2889	0.00 (13)	0.00 (13)	0.00 (13)
2-18-P	93	100	8.04	8.04	0	3966	0.00 (13)	0.00 (13)	0.00 (13)
2-19-P	93	100	8.04	8.04	0	2860	0.00 (13)	0.00 (13)	0.00 (13)
2-20-P	93	100	8.04	8.04	0	1928	0.00 (13)	0.00 (13)	0.00 (13)
2-21-P	93	100	8.04	8.04	0	742	0.00 (13)	0.00 (13)	0.00 (13)
2-22-P	93	100	8.04	8.04	0	379	0.00 (13)	0.00 (13)	0.00 (13)
2-23-P	93	100	8.04	8.04	0	252	0.00 (13)	0.00 (13)	0.00 (13)
2-24-P	93	100	8.04	8.04	0	445	0.00 (13)	0.00 (13)	0.00 (13)
2-25-P	93	100	8.04	8.04	0	1083	0.00 (13)	0.00 (13)	0.00 (13)
2-26-P	93	100	8.04	8.04	0	2045	0.00 (13)	0.00 (13)	0.00 (13)
2-27-P	93	100	8.04	8.04	0	3013	0.00 (13)	0.00 (13)	0.00 (13)
2-28-P	93	100	8.04	8.04	0	3222	0.00 (13)	0.00 (13)	0.00 (13)
2-29-P	93	100	8.04	8.04	0	2204	0.00 (13)	0.00 (13)	0.00 (13)
2-30-P	93	100	8.04	8.04	0	1469	0.00 (13)	0.00 (13)	0.00 (13)
2-31-P	93	100	8.04	8.04	0	472	0.00 (13)	0.00 (13)	0.00 (13)
2-32-P	93	100	8.04	8.04	0	265	0.00 (13)	0.00 (13)	0.00 (13)
2-33-P	93	100	8.04	8.04	0	301	0.00 (13)	0.00 (13)	0.00 (13)
2-34-P	93	100	8.04	8.04	0	554	0.00 (13)	0.00 (13)	0.00 (13)
2-35-P	93	100	8.04	8.04	0	1512	0.00 (13)	0.00 (13)	0.00 (13)
2-36-P	93	100	8.04	8.04	0	2327	0.00 (13)	0.00 (13)	0.00 (13)
2-37-P	93	100	8.04	8.04	0	3371	0.00 (13)	0.00 (13)	0.00 (13)
2-38-P	93	100	8.04	8.04	0	2718	0.00 (13)	0.00 (13)	0.00 (13)
2-39-P	93	100	8.04	8.04	0	1785	0.00 (13)	0.00 (13)	0.00 (13)
2-40-P	93	100	8.04	8.04	0	759	0.00 (13)	0.00 (13)	0.00 (13)
2-41-P	93	100	8.04	8.04	0	380	0.00 (13)	0.00 (13)	0.00 (13)
2-42-P	93	100	8.04	8.04	0	195	0.00 (13)	0.00 (13)	0.00 (13)
2-43-P	93	100	8.04	8.04	0	380	0.00 (13)	0.00 (13)	0.00 (13)
2-44-P	93	100	8.04	8.04	0	759	0.00 (13)	0.00 (13)	0.00 (13)
2-45-P	93	100	8.04	8.04	0	1785	0.00 (13)	0.00 (13)	0.00 (13)
2-46-P	93	100	8.04	8.04	0	2718	0.00 (13)	0.00 (13)	0.00 (13)
2-47-P	93	100	8.04	8.04	0	3371	0.00 (13)	0.00 (13)	0.00 (13)
2-48-P	93	100	8.04	8.04	0	2327	0.00 (13)	0.00 (13)	0.00 (13)
2-49-P	93	100	8.04	8.04	0	1512	0.00 (13)	0.00 (13)	0.00 (13)
2-50-P	93	100	8.04	8.04	0	554	0.00 (13)	0.00 (13)	0.00 (13)
2-51-P	93	100	8.04	8.04	0	301	0.00 (13)	0.00 (13)	0.00 (13)
2-52-P	93	100	8.04	8.04	0	265	0.00 (13)	0.00 (13)	0.00 (13)
2-53-P	93	100	8.04	8.04	0	472	0.00 (13)	0.00 (13)	0.00 (13)
2-54-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
2-55-P	93	100	8.04	8.04	0	2205	0.00 (13)	0.00 (13)	0.00 (13)
2-56-P	93	100	8.04	8.04	0	3223	0.00 (13)	0.00 (13)	0.00 (13)
2-57-P	93	100	8.04	8.04	0	3015	0.00 (13)	0.00 (13)	0.00 (13)
2-58-P	93	100	8.04	8.04	0	2047	0.00 (13)	0.00 (13)	0.00 (13)
2-59-P	93	100	8.04	8.04	0	1084	0.00 (13)	0.00 (13)	0.00 (13)
2-60-P	93	100	8.04	8.04	0	446	0.00 (13)	0.00 (13)	0.00 (13)
2-61-P	93	100	8.04	8.04	0	253	0.00 (13)	0.00 (13)	0.00 (13)
2-62-P	93	100	8.04	8.04	0	380	0.00 (13)	0.00 (13)	0.00 (13)
2-63-P	93	100	8.04	8.04	0	745	0.00 (13)	0.00 (13)	0.00 (13)
2-64-P	93	100	8.04	8.04	0	1936	0.00 (13)	0.00 (13)	0.00 (13)
2-65-P	93	100	8.04	8.04	0	2870	0.00 (13)	0.00 (13)	0.00 (13)
2-66-P	93	100	8.04	8.04	0	3978	0.00 (13)	0.00 (13)	0.00 (13)
2-67-P	93	100	8.04	8.04	0	2902	0.00 (13)	0.00 (13)	0.00 (13)
2-68-P	93	100	8.04	8.04	0	1984	0.00 (13)	0.00 (13)	0.00 (13)
2-69-P	93	100	8.04	8.04	0	853	0.00 (13)	0.00 (13)	0.00 (13)
2-70-P	93	100	8.04	8.04	0	456	0.00 (13)	0.00 (13)	0.00 (13)
2-71-P	93	100	8.04	8.04	0	345	0.00 (13)	0.00 (13)	0.00 (13)
2-72-P	93	100	8.04	8.04	0	601	0.00 (13)	0.00 (13)	0.00 (13)
2-73-P	93	100	8.04	8.04	0	1594	0.00 (13)	0.00 (13)	0.00 (13)
2-74-P	93	100	8.04	8.04	0	2695	0.00 (13)	0.00 (13)	0.00 (13)
2-75-P	93	100	8.04	8.04	0	3603	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2-76-P	93	100	8.04	8.04	0	3716	0.00 (13)	0.00 (13)	0.00 (13)
2-77-P	93	100	8.04	8.04	0	2523	0.00 (13)	0.00 (13)	0.00 (13)
2-78-P	93	100	8.04	8.04	0	1587	0.00 (13)	0.00 (13)	0.00 (13)
2-79-P	93	100	8.04	8.04	0	484	0.00 (13)	0.00 (13)	0.00 (13)
2-80-P	93	100	8.04	8.04	0	193	0.00 (13)	0.00 (13)	0.00 (13)
2-81-P	93	100	8.04	8.04	0	116	0.00 (13)	0.00 (13)	0.00 (13)
2-82-P	93	100	8.04	8.04	0	108	0.00 (13)	0.00 (13)	0.00 (13)
2-83-P	93	100	8.04	8.04	0	285	0.00 (13)	0.00 (13)	0.00 (13)
2-84-P	93	100	8.04	8.04	0	474	0.00 (13)	0.00 (13)	0.00 (13)
2-85-P	93	100	8.04	8.04	0	6894	0.00 (13)	0.00 (13)	0.00 (13)
3-1-P	93	100	8.04	8.04	0	6735	0.00 (13)	0.00 (13)	0.00 (13)
3-2-P	93	100	8.04	8.04	0	5202	0.00 (13)	0.00 (13)	0.00 (13)
3-3-P	93	100	8.04	8.04	0	7475	0.00 (13)	0.00 (13)	0.00 (13)
3-4-P	93	100	8.04	8.04	0	8260	0.00 (13)	0.00 (13)	0.00 (13)
3-5-P	93	100	8.04	8.04	0	8776	0.00 (13)	0.00 (13)	0.00 (13)
3-6-P	93	100	8.04	8.04	0	9293	0.00 (13)	0.00 (13)	0.00 (13)
3-7-P	93	100	8.04	8.04	0	9454	0.00 (13)	0.00 (13)	0.00 (13)
3-8-P	93	100	8.04	8.04	0	9613	0.00 (13)	0.00 (13)	0.00 (13)
3-9-P	93	100	8.04	8.04	0	9548	0.00 (13)	0.00 (13)	0.00 (13)
3-10-P	93	100	8.04	8.04	0	9333	0.00 (13)	0.00 (13)	0.00 (13)
3-11-P	93	100	8.04	8.04	0	9103	0.00 (13)	0.00 (13)	0.00 (13)
3-12-P	93	100	8.04	8.04	0	8813	0.00 (13)	0.00 (13)	0.00 (13)
3-13-P	93	100	8.04	8.04	0	8522	0.00 (13)	0.00 (13)	0.00 (13)
3-14-P	93	100	8.04	8.04	0	8592	0.00 (13)	0.00 (13)	0.00 (13)
3-15-P	93	100	8.04	8.04	0	8751	0.00 (13)	0.00 (13)	0.00 (13)
3-16-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
3-17-P	93	100	8.04	8.04	0	8989	0.00 (13)	0.00 (13)	0.00 (13)
3-18-P	93	100	8.04	8.04	0	9091	0.00 (13)	0.00 (13)	0.00 (13)
3-19-P	93	100	8.04	8.04	0	8907	0.00 (13)	0.00 (13)	0.00 (13)
3-20-P	93	100	8.04	8.04	0	8723	0.00 (13)	0.00 (13)	0.00 (13)
3-21-P	93	100	8.04	8.04	0	8503	0.00 (13)	0.00 (13)	0.00 (13)
3-22-P	93	100	8.04	8.04	0	8258	0.00 (13)	0.00 (13)	0.00 (13)
3-23-P	93	100	8.04	8.04	0	8103	0.00 (13)	0.00 (13)	0.00 (13)
3-24-P	93	100	8.04	8.04	0	8306	0.00 (13)	0.00 (13)	0.00 (13)
3-25-P	93	100	8.04	8.04	0	8508	0.00 (13)	0.00 (13)	0.00 (13)
3-26-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-27-P	93	100	8.04	8.04	0	8796	0.00 (13)	0.00 (13)	0.00 (13)
3-28-P	93	100	8.04	8.04	0	8815	0.00 (13)	0.00 (13)	0.00 (13)
3-29-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-30-P	93	100	8.04	8.04	0	8502	0.00 (13)	0.00 (13)	0.00 (13)
3-31-P	93	100	8.04	8.04	0	8277	0.00 (13)	0.00 (13)	0.00 (13)
3-32-P	93	100	8.04	8.04	0	8052	0.00 (13)	0.00 (13)	0.00 (13)
3-33-P	93	100	8.04	8.04	0	8093	0.00 (13)	0.00 (13)	0.00 (13)
3-34-P	93	100	8.04	8.04	0	8310	0.00 (13)	0.00 (13)	0.00 (13)
3-35-P	93	100	8.04	8.04	0	8513	0.00 (13)	0.00 (13)	0.00 (13)
3-36-P	93	100	8.04	8.04	0	8660	0.00 (13)	0.00 (13)	0.00 (13)
3-37-P	93	100	8.04	8.04	0	8806	0.00 (13)	0.00 (13)	0.00 (13)
3-38-P	93	100	8.04	8.04	0	8716	0.00 (13)	0.00 (13)	0.00 (13)
3-39-P	93	100	8.04	8.04	0	8566	0.00 (13)	0.00 (13)	0.00 (13)
3-40-P	93	100	8.04	8.04	0	8388	0.00 (13)	0.00 (13)	0.00 (13)
3-41-P	93	100	8.04	8.04	0	8168	0.00 (13)	0.00 (13)	0.00 (13)
3-42-P	93	100	8.04	8.04	0	7948	0.00 (13)	0.00 (13)	0.00 (13)
3-43-P	93	100	8.04	8.04	0	8168	0.00 (13)	0.00 (13)	0.00 (13)
3-44-P	93	100	8.04	8.04	0	8388	0.00 (13)	0.00 (13)	0.00 (13)
3-45-P	93	100	8.04	8.04	0	8566	0.00 (13)	0.00 (13)	0.00 (13)
3-46-P	93	100	8.04	8.04	0	8716	0.00 (13)	0.00 (13)	0.00 (13)
3-47-P	93	100	8.04	8.04	0	8806	0.00 (13)	0.00 (13)	0.00 (13)
3-48-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-49-P	93	100	8.04	8.04	0	8512	0.00 (13)	0.00 (13)	0.00 (13)
3-50-P	93	100	8.04	8.04	0	8310	0.00 (13)	0.00 (13)	0.00 (13)
3-51-P	93	100	8.04	8.04	0	8093	0.00 (13)	0.00 (13)	0.00 (13)
3-52-P	93	100	8.04	8.04	0	8052	0.00 (13)	0.00 (13)	0.00 (13)
3-53-P	93	100	8.04	8.04	0	8277	0.00 (13)	0.00 (13)	0.00 (13)
3-54-P	93	100	8.04	8.04	0	8503	0.00 (13)	0.00 (13)	0.00 (13)
3-55-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-56-P	93	100	8.04	8.04	0	8816	0.00 (13)	0.00 (13)	0.00 (13)
3-57-P	93	100	8.04	8.04	0	8796	0.00 (13)	0.00 (13)	0.00 (13)
3-58-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-59-P	93	100	8.04	8.04	0	8509	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
3-60-P	93	100	8.04	8.04	0	8307	0.00 (13)	0.00 (13)	0.00 (13)
3-61-P	93	100	8.04	8.04	0	8105	0.00 (13)	0.00 (13)	0.00 (13)
3-62-P	93	100	8.04	8.04	0	8261	0.00 (13)	0.00 (13)	0.00 (13)
3-63-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
3-64-P	93	100	8.04	8.04	0	8727	0.00 (13)	0.00 (13)	0.00 (13)
3-65-P	93	100	8.04	8.04	0	8912	0.00 (13)	0.00 (13)	0.00 (13)
3-66-P	93	100	8.04	8.04	0	9097	0.00 (13)	0.00 (13)	0.00 (13)
3-67-P	93	100	8.04	8.04	0	8997	0.00 (13)	0.00 (13)	0.00 (13)
3-68-P	93	100	8.04	8.04	0	8897	0.00 (13)	0.00 (13)	0.00 (13)
3-69-P	93	100	8.04	8.04	0	8762	0.00 (13)	0.00 (13)	0.00 (13)
3-70-P	93	100	8.04	8.04	0	8606	0.00 (13)	0.00 (13)	0.00 (13)
3-71-P	93	100	8.04	8.04	0	8539	0.00 (13)	0.00 (13)	0.00 (13)
3-72-P	93	100	8.04	8.04	0	8833	0.00 (13)	0.00 (13)	0.00 (13)
3-73-P	93	100	8.04	8.04	0	9126	0.00 (13)	0.00 (13)	0.00 (13)
3-74-P	93	100	8.04	8.04	0	9360	0.00 (13)	0.00 (13)	0.00 (13)
3-75-P	93	100	8.04	8.04	0	9578	0.00 (13)	0.00 (13)	0.00 (13)
3-76-P	93	100	8.04	8.04	0	9642	0.00 (13)	0.00 (13)	0.00 (13)
3-77-P	93	100	8.04	8.04	0	9478	0.00 (13)	0.00 (13)	0.00 (13)
3-78-P	93	100	8.04	8.04	0	9312	0.00 (13)	0.00 (13)	0.00 (13)
3-79-P	93	100	8.04	8.04	0	8672	0.00 (13)	0.00 (13)	0.00 (13)
3-80-P	93	100	8.04	8.04	0	8033	0.00 (13)	0.00 (13)	0.00 (13)
3-81-P	93	100	8.04	8.04	0	7034	0.00 (13)	0.00 (13)	0.00 (13)
3-82-P	93	100	8.04	8.04	0	5795	0.00 (13)	0.00 (13)	0.00 (13)
3-83-P	93	100	8.04	8.04	0	4598	0.00 (13)	0.00 (13)	0.00 (13)
3-84-P	93	100	8.04	8.04	0	3411	0.00 (13)	0.00 (13)	0.00 (13)
3-85-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-1-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-2-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-3-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-4-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-5-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-6-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-7-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-8-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-9-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-10-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-11-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-12-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-13-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-14-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-15-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-16-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-17-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-18-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-19-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-20-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-21-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-22-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-23-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-24-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-25-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-26-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-27-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-28-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-29-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-30-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-31-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-32-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-33-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-34-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-35-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-36-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-37-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-38-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-39-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-40-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-41-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-42-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-43-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-44-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-45-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-46-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-47-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-48-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-49-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-50-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-51-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-52-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-53-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-54-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-55-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-56-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-57-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-58-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-59-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-60-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-61-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-62-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-63-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-64-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-65-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-66-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-67-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-68-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-69-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-70-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-71-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-72-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-73-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-74-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-75-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-76-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-77-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-78-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-79-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-80-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-81-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-82-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-83-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-84-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-85-P	10	100	4.02	4.02	0	7708	0.00 (13)	0.00 (13)	0.00 (13)
6-1-S	100	100	18.85	8.04	0	785	0.00 (13)	0.00 (13)	0.00 (13)
6-2-S	100	100	18.85	8.04	0	208	0.00 (13)	0.00 (13)	0.00 (13)
6-3-S	100	100	18.85	8.04	0	414	0.00 (13)	0.00 (13)	0.00 (13)
6-4-S	100	100	18.85	8.04	0	167	0.00 (13)	0.00 (13)	0.00 (13)
6-5-S	100	100	18.85	8.04	0	9	0.00 (13)	0.00 (13)	0.00 (13)
6-6-S	100	100	18.85	8.04	0	119	0.00 (13)	0.00 (13)	0.00 (13)
6-7-S	100	100	18.85	8.04	0	4446	0.00 (13)	0.00 (13)	0.00 (13)
6-8-S	100	100	18.85	8.04	0	14510	0.00 (13)	0.00 (13)	0.00 (13)
6-9-S	100	100	18.85	8.04	0	24117	0.00 (13)	0.00 (13)	0.00 (13)
6-10-S	100	100	18.85	8.04	0	33673	0.00 (13)	0.00 (13)	0.00 (13)
6-11-S	100	100	18.85	8.04	0	43212	0.00 (13)	0.00 (13)	0.00 (13)
6-12-S	100	100	18.85	8.04	0	52785	0.00 (13)	0.00 (13)	0.00 (13)
6-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
6-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
6-15-S	100	100	18.85	8.04	0	2878	0.00 (13)	0.00 (13)	0.00 (13)
7-1-S	100	100	18.85	8.04	0	60	0.00 (13)	0.00 (13)	0.00 (13)
7-2-S	100	100	18.85	8.04	0	402	0.00 (13)	0.00 (13)	0.00 (13)
7-3-S	100	100	18.85	8.04	0	559	0.00 (13)	0.00 (13)	0.00 (13)
7-4-S	100	100	18.85	8.04	0	246	0.00 (13)	0.00 (13)	0.00 (13)
7-5-S	100	100	18.85	8.04	0	18	0.00 (13)	0.00 (13)	0.00 (13)
7-6-S	100	100	18.85	8.04	0	1165	0.00 (13)	0.00 (13)	0.00 (13)
7-7-S	100	100	18.85	8.04	0	7134	0.00 (13)	0.00 (13)	0.00 (13)
7-8-S	100	100	18.85	8.04	0	15694	0.00 (13)	0.00 (13)	0.00 (13)
7-9-S	100	100	18.85	8.04	0	24423	0.00 (13)	0.00 (13)	0.00 (13)
7-10-S	100	100	18.85	8.04	0	33167	0.00 (13)	0.00 (13)	0.00 (13)
7-11-S	100	100	18.85	8.04	0	41890	0.00 (13)	0.00 (13)	0.00 (13)
7-12-S	100	100	18.85	8.04	0	50546	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
7-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
7-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
7-15-S	100	100	18.85	8.04	0	751	0.00 (13)	0.00 (13)	0.00 (13)
8-1-S	100	100	18.85	8.04	0	257	0.00 (13)	0.00 (13)	0.00 (13)
8-2-S	100	100	18.85	8.04	0	562	0.00 (13)	0.00 (13)	0.00 (13)
8-3-S	100	100	18.85	8.04	0	825	0.00 (13)	0.00 (13)	0.00 (13)
8-4-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
8-5-S	100	100	18.85	8.04	0	217	0.00 (13)	0.00 (13)	0.00 (13)
8-6-S	100	100	18.85	8.04	0	1976	0.00 (13)	0.00 (13)	0.00 (13)
8-7-S	100	100	18.85	8.04	0	8558	0.00 (13)	0.00 (13)	0.00 (13)
8-8-S	100	100	18.85	8.04	0	15862	0.00 (13)	0.00 (13)	0.00 (13)
8-9-S	100	100	18.85	8.04	0	23978	0.00 (13)	0.00 (13)	0.00 (13)
8-10-S	100	100	18.85	8.04	0	32169	0.00 (13)	0.00 (13)	0.00 (13)
8-11-S	100	100	18.85	8.04	0	40325	0.00 (13)	0.00 (13)	0.00 (13)
8-12-S	100	100	18.85	8.04	0	48378	0.00 (13)	0.00 (13)	0.00 (13)
8-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
8-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
8-15-S	100	100	18.85	8.04	0	10506	0.00 (13)	0.00 (13)	0.00 (13)
9-1-S	100	100	18.85	8.04	0	497	0.00 (13)	0.00 (13)	0.00 (13)
9-2-S	100	100	18.85	8.04	0	221	0.00 (13)	0.00 (13)	0.00 (13)
9-3-S	100	100	18.85	8.04	0	279	0.00 (13)	0.00 (13)	0.00 (13)
9-4-S	100	100	18.85	8.04	0	127	0.00 (13)	0.00 (13)	0.00 (13)
9-5-S	100	100	18.85	8.04	0	12	0.00 (13)	0.00 (13)	0.00 (13)
9-6-S	100	100	18.85	8.04	0	241	0.00 (13)	0.00 (13)	0.00 (13)
9-7-S	100	100	18.85	8.04	0	4104	0.00 (13)	0.00 (13)	0.00 (13)
9-8-S	100	100	18.85	8.04	0	14589	0.00 (13)	0.00 (13)	0.00 (13)
9-9-S	100	100	18.85	8.04	0	23062	0.00 (13)	0.00 (13)	0.00 (13)
9-10-S	100	100	18.85	8.04	0	31348	0.00 (13)	0.00 (13)	0.00 (13)
9-11-S	100	100	18.85	8.04	0	39517	0.00 (13)	0.00 (13)	0.00 (13)
9-12-S	100	100	18.85	8.04	0	47314	0.00 (13)	0.00 (13)	0.00 (13)
9-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
9-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
9-15-S	100	100	18.85	8.04	0	616	0.00 (13)	0.00 (13)	0.00 (13)
10-1-S	100	100	15.71	8.04	0	279	0.00 (13)	0.00 (13)	0.00 (13)
10-2-S	100	100	15.71	8.04	0	467	0.00 (13)	0.00 (13)	0.00 (13)
10-3-S	100	100	15.71	8.04	0	631	0.00 (13)	0.00 (13)	0.00 (13)
10-4-S	100	100	15.71	8.04	0	354	0.00 (13)	0.00 (13)	0.00 (13)
10-5-S	100	100	15.71	8.04	0	102	0.00 (13)	0.00 (13)	0.00 (13)
10-6-S	100	100	15.71	8.04	0	2313	0.00 (13)	0.00 (13)	0.00 (13)
10-7-S	100	100	15.71	8.04	0	8775	0.00 (13)	0.00 (13)	0.00 (13)
10-8-S	100	100	15.71	8.04	0	15238	0.00 (13)	0.00 (13)	0.00 (13)
10-9-S	100	100	15.71	8.04	0	22942	0.00 (13)	0.00 (13)	0.00 (13)
10-10-S	100	100	15.71	8.04	0	30760	0.00 (13)	0.00 (13)	0.00 (13)
10-11-S	100	100	15.71	8.04	0	38552	0.00 (13)	0.00 (13)	0.00 (13)
10-12-S	100	100	15.71	8.04	0	46266	0.00 (13)	0.00 (13)	0.00 (13)
10-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
10-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
10-15-S	100	100	15.71	8.04	0	10539	0.00 (13)	0.00 (13)	0.00 (13)
11-1-S	100	100	15.71	8.04	0	492	0.00 (13)	0.00 (13)	0.00 (13)
11-2-S	100	100	15.71	8.04	0	248	0.00 (13)	0.00 (13)	0.00 (13)
11-3-S	100	100	15.71	8.04	0	315	0.00 (13)	0.00 (13)	0.00 (13)
11-4-S	100	100	15.71	8.04	0	156	0.00 (13)	0.00 (13)	0.00 (13)
11-5-S	100	100	15.71	8.04	0	25	0.00 (13)	0.00 (13)	0.00 (13)
11-6-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
11-7-S	100	100	15.71	8.04	0	3643	0.00 (13)	0.00 (13)	0.00 (13)
11-8-S	100	100	15.71	8.04	0	13985	0.00 (13)	0.00 (13)	0.00 (13)
11-9-S	100	100	15.71	8.04	0	22329	0.00 (13)	0.00 (13)	0.00 (13)
11-10-S	100	100	15.71	8.04	0	30483	0.00 (13)	0.00 (13)	0.00 (13)
11-11-S	100	100	15.71	8.04	0	38525	0.00 (13)	0.00 (13)	0.00 (13)
11-12-S	100	100	15.71	8.04	0	46199	0.00 (13)	0.00 (13)	0.00 (13)
11-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
11-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
11-15-S	100	100	15.71	8.04	0	649	0.00 (13)	0.00 (13)	0.00 (13)
12-1-S	100	100	15.71	8.04	0	171	0.00 (13)	0.00 (13)	0.00 (13)
12-2-S	100	100	15.71	8.04	0	449	0.00 (13)	0.00 (13)	0.00 (13)
12-3-S	100	100	15.71	8.04	0	682	0.00 (13)	0.00 (13)	0.00 (13)
12-4-S	100	100	15.71	8.04	0	356	0.00 (13)	0.00 (13)	0.00 (13)
12-5-S	100	100	15.71	8.04	0	56	0.00 (13)	0.00 (13)	0.00 (13)
12-6-S	100	100	15.71	8.04	0	1479	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
12-7-S	100	100	15.71	8.04	0	7688	0.00 (13)	0.00 (13)	0.00 (13)
12-8-S	100	100	15.71	8.04	0	14711	0.00 (13)	0.00 (13)	0.00 (13)
12-9-S	100	100	15.71	8.04	0	22472	0.00 (13)	0.00 (13)	0.00 (13)
12-10-S	100	100	15.71	8.04	0	30300	0.00 (13)	0.00 (13)	0.00 (13)
12-11-S	100	100	15.71	8.04	0	38092	0.00 (13)	0.00 (13)	0.00 (13)
12-12-S	100	100	15.71	8.04	0	45774	0.00 (13)	0.00 (13)	0.00 (13)
12-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
12-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
12-15-S	100	100	15.71	8.04	0	2645	0.00 (13)	0.00 (13)	0.00 (13)
13-1-S	100	100	15.71	8.04	0	104	0.00 (13)	0.00 (13)	0.00 (13)
13-2-S	100	100	15.71	8.04	0	466	0.00 (13)	0.00 (13)	0.00 (13)
13-3-S	100	100	15.71	8.04	0	618	0.00 (13)	0.00 (13)	0.00 (13)
13-4-S	100	100	15.71	8.04	0	317	0.00 (13)	0.00 (13)	0.00 (13)
13-5-S	100	100	15.71	8.04	0	69	0.00 (13)	0.00 (13)	0.00 (13)
13-6-S	100	100	15.71	8.04	0	897	0.00 (13)	0.00 (13)	0.00 (13)
13-7-S	100	100	15.71	8.04	0	6321	0.00 (13)	0.00 (13)	0.00 (13)
13-8-S	100	100	15.71	8.04	0	14377	0.00 (13)	0.00 (13)	0.00 (13)
13-9-S	100	100	15.71	8.04	0	22313	0.00 (13)	0.00 (13)	0.00 (13)
13-10-S	100	100	15.71	8.04	0	30237	0.00 (13)	0.00 (13)	0.00 (13)
13-11-S	100	100	15.71	8.04	0	38103	0.00 (13)	0.00 (13)	0.00 (13)
13-12-S	100	100	15.71	8.04	0	45782	0.00 (13)	0.00 (13)	0.00 (13)
13-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
13-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
13-15-S	100	100	15.71	8.04	0	7932	0.00 (13)	0.00 (13)	0.00 (13)
14-1-S	100	100	15.71	8.04	0	516	0.00 (13)	0.00 (13)	0.00 (13)
14-2-S	100	100	15.71	8.04	0	383	0.00 (13)	0.00 (13)	0.00 (13)
14-3-S	100	100	15.71	8.04	0	516	0.00 (13)	0.00 (13)	0.00 (13)
14-4-S	100	100	15.71	8.04	0	253	0.00 (13)	0.00 (13)	0.00 (13)
14-5-S	100	100	15.71	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
14-6-S	100	100	15.71	8.04	0	450	0.00 (13)	0.00 (13)	0.00 (13)
14-7-S	100	100	15.71	8.04	0	4601	0.00 (13)	0.00 (13)	0.00 (13)
14-8-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
14-9-S	100	100	15.71	8.04	0	22140	0.00 (13)	0.00 (13)	0.00 (13)
14-10-S	100	100	15.71	8.04	0	30196	0.00 (13)	0.00 (13)	0.00 (13)
14-11-S	100	100	15.71	8.04	0	38163	0.00 (13)	0.00 (13)	0.00 (13)
14-12-S	100	100	15.71	8.04	0	45838	0.00 (13)	0.00 (13)	0.00 (13)
14-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
14-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
14-15-S	100	100	15.71	8.04	0	607	0.00 (13)	0.00 (13)	0.00 (13)
15-1-S	100	100	15.71	8.04	0	209	0.00 (13)	0.00 (13)	0.00 (13)
15-2-S	100	100	15.71	8.04	0	526	0.00 (13)	0.00 (13)	0.00 (13)
15-3-S	100	100	15.71	8.04	0	774	0.00 (13)	0.00 (13)	0.00 (13)
15-4-S	100	100	15.71	8.04	0	410	0.00 (13)	0.00 (13)	0.00 (13)
15-5-S	100	100	15.71	8.04	0	72	0.00 (13)	0.00 (13)	0.00 (13)
15-6-S	100	100	15.71	8.04	0	1825	0.00 (13)	0.00 (13)	0.00 (13)
15-7-S	100	100	15.71	8.04	0	8248	0.00 (13)	0.00 (13)	0.00 (13)
15-8-S	100	100	15.71	8.04	0	14704	0.00 (13)	0.00 (13)	0.00 (13)
15-9-S	100	100	15.71	8.04	0	22368	0.00 (13)	0.00 (13)	0.00 (13)
15-10-S	100	100	15.71	8.04	0	30144	0.00 (13)	0.00 (13)	0.00 (13)
15-11-S	100	100	15.71	8.04	0	37898	0.00 (13)	0.00 (13)	0.00 (13)
15-12-S	100	100	15.71	8.04	0	45582	0.00 (13)	0.00 (13)	0.00 (13)
15-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
15-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
15-15-S	100	100	15.71	8.04	0	10549	0.00 (13)	0.00 (13)	0.00 (13)
16-1-S	100	100	15.71	10.05	0	461	0.00 (13)	0.00 (13)	0.00 (13)
16-2-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-3-S	100	100	15.71	10.05	0	7	0.00 (13)	0.00 (13)	0.00 (13)
16-4-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-5-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-6-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-7-S	100	100	15.71	10.05	0	2889	0.00 (13)	0.00 (13)	0.00 (13)
16-8-S	100	100	15.71	10.05	0	13576	0.00 (13)	0.00 (13)	0.00 (13)
16-9-S	100	100	15.71	10.05	0	21978	0.00 (13)	0.00 (13)	0.00 (13)
16-10-S	100	100	15.71	10.05	0	30161	0.00 (13)	0.00 (13)	0.00 (13)
16-11-S	100	100	15.71	10.05	0	38224	0.00 (13)	0.00 (13)	0.00 (13)
16-12-S	100	100	15.71	10.05	0	45900	0.00 (13)	0.00 (13)	0.00 (13)
16-13-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-14-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-15-S	100	100	15.71	10.05	0	607	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
17-1-S	100	100	15.71	8.04	0	209	0.00 (13)	0.00 (13)	0.00 (13)
17-2-S	100	100	15.71	8.04	0	526	0.00 (13)	0.00 (13)	0.00 (13)
17-3-S	100	100	15.71	8.04	0	774	0.00 (13)	0.00 (13)	0.00 (13)
17-4-S	100	100	15.71	8.04	0	410	0.00 (13)	0.00 (13)	0.00 (13)
17-5-S	100	100	15.71	8.04	0	72	0.00 (13)	0.00 (13)	0.00 (13)
17-6-S	100	100	15.71	8.04	0	1825	0.00 (13)	0.00 (13)	0.00 (13)
17-7-S	100	100	15.71	8.04	0	8248	0.00 (13)	0.00 (13)	0.00 (13)
17-8-S	100	100	15.71	8.04	0	14704	0.00 (13)	0.00 (13)	0.00 (13)
17-9-S	100	100	15.71	8.04	0	22368	0.00 (13)	0.00 (13)	0.00 (13)
17-10-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
17-11-S	100	100	15.71	8.04	0	37898	0.00 (13)	0.00 (13)	0.00 (13)
17-12-S	100	100	15.71	8.04	0	45581	0.00 (13)	0.00 (13)	0.00 (13)
17-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
17-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
17-15-S	100	100	15.71	8.04	0	7932	0.00 (13)	0.00 (13)	0.00 (13)
18-1-S	100	100	15.71	8.04	0	516	0.00 (13)	0.00 (13)	0.00 (13)
18-2-S	100	100	15.71	8.04	0	383	0.00 (13)	0.00 (13)	0.00 (13)
18-3-S	100	100	15.71	8.04	0	516	0.00 (13)	0.00 (13)	0.00 (13)
18-4-S	100	100	15.71	8.04	0	253	0.00 (13)	0.00 (13)	0.00 (13)
18-5-S	100	100	15.71	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
18-6-S	100	100	15.71	8.04	0	450	0.00 (13)	0.00 (13)	0.00 (13)
18-7-S	100	100	15.71	8.04	0	4601	0.00 (13)	0.00 (13)	0.00 (13)
18-8-S	100	100	15.71	8.04	0	13966	0.00 (13)	0.00 (13)	0.00 (13)
18-9-S	100	100	15.71	8.04	0	22139	0.00 (13)	0.00 (13)	0.00 (13)
18-10-S	100	100	15.71	8.04	0	30195	0.00 (13)	0.00 (13)	0.00 (13)
18-11-S	100	100	15.71	8.04	0	38162	0.00 (13)	0.00 (13)	0.00 (13)
18-12-S	100	100	15.71	8.04	0	45838	0.00 (13)	0.00 (13)	0.00 (13)
18-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
18-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
18-15-S	100	100	15.71	8.04	0	2645	0.00 (13)	0.00 (13)	0.00 (13)
19-1-S	100	100	15.71	8.04	0	104	0.00 (13)	0.00 (13)	0.00 (13)
19-2-S	100	100	15.71	8.04	0	467	0.00 (13)	0.00 (13)	0.00 (13)
19-3-S	100	100	15.71	8.04	0	619	0.00 (13)	0.00 (13)	0.00 (13)
19-4-S	100	100	15.71	8.04	0	317	0.00 (13)	0.00 (13)	0.00 (13)
19-5-S	100	100	15.71	8.04	0	69	0.00 (13)	0.00 (13)	0.00 (13)
19-6-S	100	100	15.71	8.04	0	897	0.00 (13)	0.00 (13)	0.00 (13)
19-7-S	100	100	15.71	8.04	0	6321	0.00 (13)	0.00 (13)	0.00 (13)
19-8-S	100	100	15.71	8.04	0	14378	0.00 (13)	0.00 (13)	0.00 (13)
19-9-S	100	100	15.71	8.04	0	22313	0.00 (13)	0.00 (13)	0.00 (13)
19-10-S	100	100	15.71	8.04	0	30236	0.00 (13)	0.00 (13)	0.00 (13)
19-11-S	100	100	15.71	8.04	0	38102	0.00 (13)	0.00 (13)	0.00 (13)
19-12-S	100	100	15.71	8.04	0	45781	0.00 (13)	0.00 (13)	0.00 (13)
19-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
19-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
19-15-S	100	100	15.71	8.04	0	649	0.00 (13)	0.00 (13)	0.00 (13)
20-1-S	100	100	15.71	8.04	0	172	0.00 (13)	0.00 (13)	0.00 (13)
20-2-S	100	100	15.71	8.04	0	448	0.00 (13)	0.00 (13)	0.00 (13)
20-3-S	100	100	15.71	8.04	0	682	0.00 (13)	0.00 (13)	0.00 (13)
20-4-S	100	100	15.71	8.04	0	356	0.00 (13)	0.00 (13)	0.00 (13)
20-5-S	100	100	15.71	8.04	0	56	0.00 (13)	0.00 (13)	0.00 (13)
20-6-S	100	100	15.71	8.04	0	1480	0.00 (13)	0.00 (13)	0.00 (13)
20-7-S	100	100	15.71	8.04	0	7690	0.00 (13)	0.00 (13)	0.00 (13)
20-8-S	100	100	15.71	8.04	0	14713	0.00 (13)	0.00 (13)	0.00 (13)
20-9-S	100	100	15.71	8.04	0	22473	0.00 (13)	0.00 (13)	0.00 (13)
20-10-S	100	100	15.71	8.04	0	30301	0.00 (13)	0.00 (13)	0.00 (13)
20-11-S	100	100	15.71	8.04	0	38093	0.00 (13)	0.00 (13)	0.00 (13)
20-12-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
20-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
20-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
20-15-S	100	100	15.71	8.04	0	10540	0.00 (13)	0.00 (13)	0.00 (13)
21-1-S	100	100	15.71	8.04	0	492	0.00 (13)	0.00 (13)	0.00 (13)
21-2-S	100	100	15.71	8.04	0	249	0.00 (13)	0.00 (13)	0.00 (13)
21-3-S	100	100	15.71	8.04	0	316	0.00 (13)	0.00 (13)	0.00 (13)
21-4-S	100	100	15.71	8.04	0	156	0.00 (13)	0.00 (13)	0.00 (13)
21-5-S	100	100	15.71	8.04	0	26	0.00 (13)	0.00 (13)	0.00 (13)
21-6-S	100	100	15.71	8.04	0	229	0.00 (13)	0.00 (13)	0.00 (13)
21-7-S	100	100	15.71	8.04	0	3647	0.00 (13)	0.00 (13)	0.00 (13)
21-8-S	100	100	15.71	8.04	0	13990	0.00 (13)	0.00 (13)	0.00 (13)
21-9-S	100	100	15.71	8.04	0	22333	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
21-10-S	100	100	15.71	8.04	0	30487	0.00 (13)	0.00 (13)	0.00 (13)
21-11-S	100	100	15.71	8.04	0	38528	0.00 (13)	0.00 (13)	0.00 (13)
21-12-S	100	100	15.71	8.04	0	46201	0.00 (13)	0.00 (13)	0.00 (13)
21-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
21-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
21-15-S	100	100	15.71	8.04	0	616	0.00 (13)	0.00 (13)	0.00 (13)
22-1-S	100	100	15.71	8.04	0	280	0.00 (13)	0.00 (13)	0.00 (13)
22-2-S	100	100	15.71	8.04	0	468	0.00 (13)	0.00 (13)	0.00 (13)
22-3-S	100	100	15.71	8.04	0	632	0.00 (13)	0.00 (13)	0.00 (13)
22-4-S	100	100	15.71	8.04	0	355	0.00 (13)	0.00 (13)	0.00 (13)
22-5-S	100	100	15.71	8.04	0	103	0.00 (13)	0.00 (13)	0.00 (13)
22-6-S	100	100	15.71	8.04	0	2322	0.00 (13)	0.00 (13)	0.00 (13)
22-7-S	100	100	15.71	8.04	0	8785	0.00 (13)	0.00 (13)	0.00 (13)
22-8-S	100	100	15.71	8.04	0	15249	0.00 (13)	0.00 (13)	0.00 (13)
22-9-S	100	100	15.71	8.04	0	22953	0.00 (13)	0.00 (13)	0.00 (13)
22-10-S	100	100	15.71	8.04	0	30771	0.00 (13)	0.00 (13)	0.00 (13)
22-11-S	100	100	15.71	8.04	0	38563	0.00 (13)	0.00 (13)	0.00 (13)
22-12-S	100	100	15.71	8.04	0	46276	0.00 (13)	0.00 (13)	0.00 (13)
22-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
22-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
22-15-S	100	100	15.71	8.04	0	10507	0.00 (13)	0.00 (13)	0.00 (13)
23-1-S	100	100	18.85	8.04	0	498	0.00 (13)	0.00 (13)	0.00 (13)
23-2-S	100	100	18.85	8.04	0	221	0.00 (13)	0.00 (13)	0.00 (13)
23-3-S	100	100	18.85	8.04	0	279	0.00 (13)	0.00 (13)	0.00 (13)
23-4-S	100	100	18.85	8.04	0	127	0.00 (13)	0.00 (13)	0.00 (13)
23-5-S	100	100	18.85	8.04	0	12	0.00 (13)	0.00 (13)	0.00 (13)
23-6-S	100	100	18.85	8.04	0	243	0.00 (13)	0.00 (13)	0.00 (13)
23-7-S	100	100	18.85	8.04	0	4123	0.00 (13)	0.00 (13)	0.00 (13)
23-8-S	100	100	18.85	8.04	0	14611	0.00 (13)	0.00 (13)	0.00 (13)
23-9-S	100	100	18.85	8.04	0	23087	0.00 (13)	0.00 (13)	0.00 (13)
23-10-S	100	100	18.85	8.04	0	31374	0.00 (13)	0.00 (13)	0.00 (13)
23-11-S	100	100	18.85	8.04	0	39546	0.00 (13)	0.00 (13)	0.00 (13)
23-12-S	100	100	18.85	8.04	0	47344	0.00 (13)	0.00 (13)	0.00 (13)
23-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
23-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
23-15-S	100	100	18.85	8.04	0	754	0.00 (13)	0.00 (13)	0.00 (13)
24-1-S	100	100	18.85	8.04	0	260	0.00 (13)	0.00 (13)	0.00 (13)
24-2-S	100	100	18.85	8.04	0	566	0.00 (13)	0.00 (13)	0.00 (13)
24-3-S	100	100	18.85	8.04	0	830	0.00 (13)	0.00 (13)	0.00 (13)
24-4-S	100	100	18.85	8.04	0	524	0.00 (13)	0.00 (13)	0.00 (13)
24-5-S	100	100	18.85	8.04	0	223	0.00 (13)	0.00 (13)	0.00 (13)
24-6-S	100	100	18.85	8.04	0	1990	0.00 (13)	0.00 (13)	0.00 (13)
24-7-S	100	100	18.85	8.04	0	8583	0.00 (13)	0.00 (13)	0.00 (13)
24-8-S	100	100	18.85	8.04	0	15895	0.00 (13)	0.00 (13)	0.00 (13)
24-9-S	100	100	18.85	8.04	0	24022	0.00 (13)	0.00 (13)	0.00 (13)
24-10-S	100	100	18.85	8.04	0	32224	0.00 (13)	0.00 (13)	0.00 (13)
24-11-S	100	100	18.85	8.04	0	40391	0.00 (13)	0.00 (13)	0.00 (13)
24-12-S	100	100	18.85	8.04	0	48456	0.00 (13)	0.00 (13)	0.00 (13)
24-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
24-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
24-15-S	100	100	18.85	8.04	0	2877	0.00 (13)	0.00 (13)	0.00 (13)
25-1-S	100	100	18.85	8.04	0	60	0.00 (13)	0.00 (13)	0.00 (13)
25-2-S	100	100	18.85	8.04	0	401	0.00 (13)	0.00 (13)	0.00 (13)
25-3-S	100	100	18.85	8.04	0	557	0.00 (13)	0.00 (13)	0.00 (13)
25-4-S	100	100	18.85	8.04	0	243	0.00 (13)	0.00 (13)	0.00 (13)
25-5-S	100	100	18.85	8.04	0	17	0.00 (13)	0.00 (13)	0.00 (13)
25-6-S	100	100	18.85	8.04	0	1172	0.00 (13)	0.00 (13)	0.00 (13)
25-7-S	100	100	18.85	8.04	0	7155	0.00 (13)	0.00 (13)	0.00 (13)
25-8-S	100	100	18.85	8.04	0	15720	0.00 (13)	0.00 (13)	0.00 (13)
25-9-S	100	100	18.85	8.04	0	24468	0.00 (13)	0.00 (13)	0.00 (13)
25-10-S	100	100	18.85	8.04	0	33234	0.00 (13)	0.00 (13)	0.00 (13)
25-11-S	100	100	18.85	8.04	0	41997	0.00 (13)	0.00 (13)	0.00 (13)
25-12-S	100	100	18.85	8.04	0	50756	0.00 (13)	0.00 (13)	0.00 (13)
25-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
25-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
25-15-S	100	100	18.85	8.04	0	7703	0.00 (13)	0.00 (13)	0.00 (13)
26-1-S	100	100	18.85	8.04	0	782	0.00 (13)	0.00 (13)	0.00 (13)
26-2-S	100	100	18.85	8.04	0	210	0.00 (13)	0.00 (13)	0.00 (13)
26-3-S	100	100	18.85	8.04	0	412	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
26-4-S	100	100	18.85	8.04	0	155	0.00 (13)	0.00 (13)	0.00 (13)
26-5-S	100	100	18.85	8.04	0	1	0.00 (13)	0.00 (13)	0.00 (13)
26-6-S	100	100	18.85	8.04	0	135	0.00 (13)	0.00 (13)	0.00 (13)
26-7-S	100	100	18.85	8.04	0	4620	0.00 (13)	0.00 (13)	0.00 (13)
26-8-S	100	100	18.85	8.04	0	14873	0.00 (13)	0.00 (13)	0.00 (13)
26-9-S	100	100	18.85	8.04	0	24164	0.00 (13)	0.00 (13)	0.00 (13)
26-10-S	100	100	18.85	8.04	0	33353	0.00 (13)	0.00 (13)	0.00 (13)
26-11-S	100	100	18.85	8.04	0	42776	0.00 (13)	0.00 (13)	0.00 (13)
26-12-S	100	100	18.85	8.04	0	52939	0.00 (13)	0.00 (13)	0.00 (13)
26-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
26-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
26-15-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)

Pali in c.a.

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1	1	116.80	89.17	1994.18		
1	2	116.80	85.37	1910.58		
1	3	116.80	81.57	1826.98		
1	4	116.80	77.77	1743.39		
1	5	116.80	73.97	1659.79		
1	6	116.80	70.17	1576.19		
1	7	116.80	66.37	1492.60		
1	8	116.80	62.57	1409.00		
1	9	116.80	58.77	1325.40		
1	10	116.80	54.97	1241.81		
1	11	116.80	51.17	1158.22		
1	12	116.80	47.37	1074.62		
1	13	116.80	43.57	991.03		
1	14	116.80	39.77	907.44		
1	15	116.80	35.97	823.85		
1	16	116.80	32.17	740.26		
1	17	116.80	28.37	656.67		
1	18	116.80	24.56	573.09		
1	19	116.80	20.76	489.52		
1	20	116.80	16.96	405.95		
1	21	116.80	13.16	322.40		
1	22	116.80	9.35	238.89		
1	23	116.80	6.15	155.46		
1	24	116.80	4.05	72.39		
1	25	116.80	2.46	67.40		
1	26	116.80	5.48	145.42		
1	27	116.80	9.33	223.88		
1	28	116.80	13.17	302.46		
1	29	116.80	17.00	381.07		
1	30	116.80	20.84	459.71		
1	31	116.80	24.67	538.36		
1	32	116.80	28.50	617.02		
1	33	116.80	32.33	695.68		
1	34	116.80	36.16	774.34		
1	35	116.80	39.99	853.01		
1	36	116.80	43.82	931.29		
1	37	116.80	47.08	997.43		
1	38	116.80	49.82	1052.30		
1	39	116.80	52.06	1096.69		
1	40	116.80	53.85	1131.37		
1	41	116.80	55.22	1157.08		
1	42	116.80	56.20	1174.55		
1	43	116.80	56.83	1184.44		
1	44	116.80	57.13	1187.43		
1	45	116.80	57.13	1184.12		
1	46	116.80	56.88	1175.13		
1	47	116.80	56.38	1161.02		
1	48	116.80	55.66	1142.31		
1	49	116.80	54.76	1119.53		
1	50	116.80	53.68	1093.15		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	51	116.80	52.46	1063.61		
1	52	116.80	51.11	1031.35		
1	53	116.80	49.65	996.75		
1	54	116.80	48.10	960.19		
1	55	116.80	46.48	922.00		
1	56	116.80	44.79	882.52		
1	57	116.80	43.05	842.04		
1	58	116.80	41.29	800.82		
1	59	116.80	39.50	759.12		
1	60	116.80	37.69	717.17		
1	61	116.80	35.89	675.18		
1	62	116.80	34.09	633.34		
1	63	116.80	32.30	591.83		
1	64	116.80	30.54	550.80		
1	65	116.80	28.81	510.40		
1	66	31.86	50.39	1319.50		
1	67	31.86	47.00	1202.43		
1	68	31.86	43.68	1088.29		
1	69	31.86	40.45	977.40		
1	70	31.86	37.31	870.03		
1	71	31.86	34.26	766.46		
1	72	31.86	31.31	666.99		
1	73	31.86	28.45	571.92		
1	74	31.86	25.70	492.43		
1	75	31.86	23.05	441.16		
1	76	31.86	20.52	392.78		
1	77	31.86	18.11	347.33		
1	78	31.86	15.84	304.79		
1	79	31.86	13.76	265.17		
1	80	31.86	11.92	228.47		
1	81	31.86	10.37	194.65		
1	82	31.86	9.12	163.69		
1	83	31.86	8.17	135.57		
1	84	31.86	7.44	110.24		
1	85	31.86	6.89	87.69		
1	86	31.86	6.45	80.52		
1	87	31.86	6.07	77.17		
1	88	31.86	5.73	74.25		
1	89	31.86	5.44	71.73		
1	90	31.86	5.18	69.61		
1	91	31.86	4.96	67.86		
1	92	31.86	4.78	66.48		
1	93	31.86	4.63	65.44		
1	94	31.86	4.51	64.73		
1	95	31.86	4.43	64.33		
1	96	31.86	4.38	64.23		
1	97	31.86	4.35	64.41		
1	98	31.86	4.36	64.86		
1	99	31.86	4.38	65.56		
1	100	31.86	4.44	66.48		
1	101	31.86	4.51	67.62		
2	1	116.80	92.01	1392.82		
2	2	116.80	88.16	1311.61		
2	3	116.80	84.31	1230.53		
2	4	116.80	80.46	1149.60		
2	5	116.80	76.61	1068.87		
2	6	116.80	72.75	988.35		
2	7	116.80	68.89	908.10		
2	8	116.80	65.02	828.18		
2	9	116.80	61.15	748.67		
2	10	116.80	57.28	669.67		
2	11	116.80	53.41	599.74		
2	12	116.80	49.53	561.20		
2	13	116.80	45.66	522.52		
2	14	116.80	41.79	483.72		
2	15	116.80	37.94	444.84		
2	16	116.80	34.13	406.01		
2	17	116.80	30.39	367.50		
2	18	116.80	26.78	329.80		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
2	19	116.80	23.39	293.74		
2	20	116.80	20.32	260.37		
2	21	116.80	17.62	230.46		
2	22	116.80	15.10	202.24		
2	23	116.80	12.58	174.03		
2	24	116.80	10.05	145.82		
2	25	116.80	10.00	145.26		
2	26	116.80	12.56	174.04		
2	27	116.80	15.12	202.82		
2	28	116.80	17.68	231.61		
2	29	116.80	20.38	261.75		
2	30	116.80	23.43	295.15		
2	31	116.80	26.79	331.23		
2	32	116.80	30.38	369.00		
2	33	116.80	34.09	407.69		
2	34	116.80	37.89	446.78		
2	35	116.80	41.73	485.98		
2	36	116.80	45.59	525.06		
2	37	116.80	48.89	558.25		
2	38	116.80	51.65	585.97		
2	39	116.80	53.92	608.62		
2	40	116.80	55.72	626.61		
2	41	116.80	57.09	640.31		
2	42	116.80	58.07	657.05		
2	43	116.80	58.69	669.29		
2	44	116.80	58.98	675.00		
2	45	116.80	58.97	674.76		
2	46	116.80	58.69	669.16		
2	47	116.80	58.16	658.73		
2	48	116.80	57.42	644.00		
2	49	116.80	56.48	634.19		
2	50	116.80	55.37	623.11		
2	51	116.80	54.11	610.51		
2	52	116.80	52.72	596.60		
2	53	116.80	51.22	581.56		
2	54	116.80	49.62	565.56		
2	55	116.80	47.95	548.76		
2	56	116.80	46.22	531.32		
2	57	116.80	44.45	513.38		
2	58	116.80	42.64	495.07		
2	59	116.80	40.82	476.52		
2	60	116.80	38.99	457.84		
2	61	116.80	37.16	439.15		
2	62	116.80	35.36	420.56		
2	63	116.80	33.58	402.18		
2	64	116.80	31.84	384.12		
2	65	116.80	30.15	366.48		
2	66	31.86	37.97	415.45		
2	67	31.86	35.40	394.05		
2	68	31.86	33.05	373.97		
2	69	31.86	30.92	355.29		
2	70	31.86	29.01	338.07		
2	71	31.86	27.29	322.28		
2	72	31.86	25.76	307.87		
2	73	31.86	24.38	294.74		
2	74	31.86	23.15	282.77		
2	75	31.86	22.04	271.83		
2	76	31.86	21.02	261.69		
2	77	31.86	20.05	252.07		
2	78	31.86	19.13	242.95		
2	79	31.86	18.27	234.32		
2	80	31.86	17.45	226.17		
2	81	31.86	16.68	218.50		
2	82	31.86	15.96	211.31		
2	83	31.86	15.29	204.58		
2	84	31.86	14.67	198.30		
2	85	31.86	14.09	192.47		
2	86	31.86	13.56	187.06		
2	87	31.86	13.07	182.08		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2	88	31.86	12.62	177.49		
2	89	31.86	12.21	173.30		
2	90	31.86	11.84	169.48		
2	91	31.86	11.50	166.02		
2	92	31.86	11.21	162.91		
2	93	31.86	10.94	160.12		
2	94	31.86	10.71	157.65		
2	95	31.86	10.51	155.47		
2	96	31.86	10.33	153.56		
2	97	31.86	10.19	151.93		
2	98	31.86	10.07	150.53		
2	99	31.86	9.97	149.37		
2	100	31.86	9.90	148.42		
2	101	31.86	9.84	147.67		

Combinazioni SLEF

Paramento

Tensione massima di compressione nel calcestruzzo 338.54 [kg/cmq]
Tensione massima di trazione dell'acciaio 4588.00 [kg/cmq]

n°	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1	100	40	12.57	12.57	0	0	0.00 (14)	0.00 (14)	0.00 (14)
2	100	42	12.57	12.57	-1	281	0.07 (14)	0.97 (14)	0.88 (14)
3	100	43	12.57	12.57	-5	573	0.13 (14)	1.98 (14)	1.67 (14)
4	100	45	12.57	12.57	-11	877	0.21 (14)	3.03 (14)	2.36 (14)
5	100	47	12.57	12.57	-20	1193	0.28 (14)	4.11 (14)	2.97 (14)
6	100	48	12.57	12.57	-31	1520	0.36 (14)	5.22 (14)	3.52 (14)
7	100	50	12.57	12.57	-45	1858	0.44 (14)	6.35 (14)	4.00 (14)
8	100	52	12.57	12.57	-62	2208	0.52 (14)	7.49 (14)	4.44 (14)
9	100	53	12.57	12.57	-82	2570	0.60 (14)	8.65 (14)	4.82 (14)
10	100	55	12.57	12.57	-104	2943	0.68 (14)	9.79 (14)	5.20 (14)
11	100	57	12.57	12.57	-119	3328	0.74 (14)	10.72 (14)	5.76 (14)
12	100	59	12.57	12.57	-111	3725	0.77 (14)	11.18 (14)	6.77 (14)
13	100	60	12.57	12.57	-65	4133	0.74 (14)	10.92 (14)	8.46 (14)
14	100	62	12.57	12.57	34	4552	0.74 (14)	9.79 (14)	11.02 (14)
15	100	64	12.57	12.57	203	4983	1.01 (14)	7.62 (14)	14.59 (14)
16	100	65	12.57	12.57	457	5426	1.35 (14)	4.31 (14)	19.28 (14)
17	100	67	12.57	12.57	812	5880	1.80 (14)	0.49 (14)	25.29 (14)
18	100	69	12.57	12.57	1282	6346	2.51 (14)	12.61 (14)	34.53 (14)
19	100	70	12.57	12.57	1885	6823	3.62 (14)	42.11 (14)	48.42 (14)
20	100	72	12.57	12.57	2636	7312	5.08 (14)	95.08 (14)	66.10 (14)
21	100	74	12.57	12.57	3550	7813	6.79 (14)	170.05 (14)	86.29 (14)

Piastra fondazione

Tensione massima di compressione nel calcestruzzo 203.12 [kg/cmq]
Tensione massima di trazione dell'acciaio 3670.40 [kg/cmq]

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-1-P	93	100	8.04	8.04	0	1374	0.00 (13)	0.00 (13)	0.00 (13)
1-2-P	93	100	8.04	8.04	0	760	0.00 (13)	0.00 (13)	0.00 (13)
1-3-P	93	100	8.04	8.04	0	15	0.00 (13)	0.00 (13)	0.00 (13)
1-4-P	93	100	8.04	8.04	0	4	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-5-P	93	100	8.04	8.04	0	15	0.00 (13)	0.00 (13)	0.00 (13)
1-6-P	93	100	8.04	8.04	0	2954	0.00 (13)	0.00 (13)	0.00 (13)
1-7-P	93	100	8.04	8.04	0	3010	0.00 (13)	0.00 (13)	0.00 (13)
1-8-P	93	100	8.04	8.04	0	4402	0.00 (13)	0.00 (13)	0.00 (13)
1-9-P	93	100	8.04	8.04	0	4384	0.00 (13)	0.00 (13)	0.00 (13)
1-10-P	93	100	8.04	8.04	0	3598	0.00 (13)	0.00 (13)	0.00 (13)
1-11-P	93	100	8.04	8.04	0	2348	0.00 (13)	0.00 (13)	0.00 (13)
1-12-P	93	100	8.04	8.04	0	78	0.00 (13)	0.00 (13)	0.00 (13)
1-13-P	93	100	8.04	8.04	0	132	0.00 (13)	0.00 (13)	0.00 (13)
1-14-P	93	100	8.04	8.04	0	36	0.00 (13)	0.00 (13)	0.00 (13)
1-15-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-16-P	93	100	8.04	8.04	0	3172	0.00 (13)	0.00 (13)	0.00 (13)
1-17-P	93	100	8.04	8.04	0	3737	0.00 (13)	0.00 (13)	0.00 (13)
1-18-P	93	100	8.04	8.04	0	5268	0.00 (13)	0.00 (13)	0.00 (13)
1-19-P	93	100	8.04	8.04	0	3814	0.00 (13)	0.00 (13)	0.00 (13)
1-20-P	93	100	8.04	8.04	0	3263	0.00 (13)	0.00 (13)	0.00 (13)
1-21-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-22-P	93	100	8.04	8.04	0	33	0.00 (13)	0.00 (13)	0.00 (13)
1-23-P	93	100	8.04	8.04	0	94	0.00 (13)	0.00 (13)	0.00 (13)
1-24-P	93	100	8.04	8.04	0	40	0.00 (13)	0.00 (13)	0.00 (13)
1-25-P	93	100	8.04	8.04	0	1862	0.00 (13)	0.00 (13)	0.00 (13)
1-26-P	93	100	8.04	8.04	0	3040	0.00 (13)	0.00 (13)	0.00 (13)
1-27-P	93	100	8.04	8.04	0	3925	0.00 (13)	0.00 (13)	0.00 (13)
1-28-P	93	100	8.04	8.04	0	4212	0.00 (13)	0.00 (13)	0.00 (13)
1-29-P	93	100	8.04	8.04	0	3164	0.00 (13)	0.00 (13)	0.00 (13)
1-30-P	93	100	8.04	8.04	0	3133	0.00 (13)	0.00 (13)	0.00 (13)
1-31-P	93	100	8.04	8.04	0	34	0.00 (13)	0.00 (13)	0.00 (13)
1-32-P	93	100	8.04	8.04	0	59	0.00 (13)	0.00 (13)	0.00 (13)
1-33-P	93	100	8.04	8.04	0	36	0.00 (13)	0.00 (13)	0.00 (13)
1-34-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-35-P	93	100	8.04	8.04	0	3021	0.00 (13)	0.00 (13)	0.00 (13)
1-36-P	93	100	8.04	8.04	0	3215	0.00 (13)	0.00 (13)	0.00 (13)
1-37-P	93	100	8.04	8.04	0	4439	0.00 (13)	0.00 (13)	0.00 (13)
1-38-P	93	100	8.04	8.04	0	3579	0.00 (13)	0.00 (13)	0.00 (13)
1-39-P	93	100	8.04	8.04	0	2922	0.00 (13)	0.00 (13)	0.00 (13)
1-40-P	93	100	8.04	8.04	0	584	0.00 (13)	0.00 (13)	0.00 (13)
1-41-P	93	100	8.04	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
1-42-P	93	100	8.04	8.04	0	115	0.00 (13)	0.00 (13)	0.00 (13)
1-43-P	93	100	8.04	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
1-44-P	93	100	8.04	8.04	0	584	0.00 (13)	0.00 (13)	0.00 (13)
1-45-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-46-P	93	100	8.04	8.04	0	3579	0.00 (13)	0.00 (13)	0.00 (13)
1-47-P	93	100	8.04	8.04	0	4439	0.00 (13)	0.00 (13)	0.00 (13)
1-48-P	93	100	8.04	8.04	0	3215	0.00 (13)	0.00 (13)	0.00 (13)
1-49-P	93	100	8.04	8.04	0	3021	0.00 (13)	0.00 (13)	0.00 (13)
1-50-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-51-P	93	100	8.04	8.04	0	36	0.00 (13)	0.00 (13)	0.00 (13)
1-52-P	93	100	8.04	8.04	0	59	0.00 (13)	0.00 (13)	0.00 (13)
1-53-P	93	100	8.04	8.04	0	34	0.00 (13)	0.00 (13)	0.00 (13)
1-54-P	93	100	8.04	8.04	0	3134	0.00 (13)	0.00 (13)	0.00 (13)
1-55-P	93	100	8.04	8.04	0	3166	0.00 (13)	0.00 (13)	0.00 (13)
1-56-P	93	100	8.04	8.04	0	4215	0.00 (13)	0.00 (13)	0.00 (13)
1-57-P	93	100	8.04	8.04	0	3928	0.00 (13)	0.00 (13)	0.00 (13)
1-58-P	93	100	8.04	8.04	0	3042	0.00 (13)	0.00 (13)	0.00 (13)
1-59-P	93	100	8.04	8.04	0	1864	0.00 (13)	0.00 (13)	0.00 (13)
1-60-P	93	100	8.04	8.04	0	40	0.00 (13)	0.00 (13)	0.00 (13)
1-61-P	93	100	8.04	8.04	0	95	0.00 (13)	0.00 (13)	0.00 (13)
1-62-P	93	100	8.04	8.04	0	34	0.00 (13)	0.00 (13)	0.00 (13)
1-63-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-64-P	93	100	8.04	8.04	0	3271	0.00 (13)	0.00 (13)	0.00 (13)
1-65-P	93	100	8.04	8.04	0	3828	0.00 (13)	0.00 (13)	0.00 (13)
1-66-P	93	100	8.04	8.04	0	5284	0.00 (13)	0.00 (13)	0.00 (13)
1-67-P	93	100	8.04	8.04	0	3751	0.00 (13)	0.00 (13)	0.00 (13)
1-68-P	93	100	8.04	8.04	0	3182	0.00 (13)	0.00 (13)	0.00 (13)
1-69-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-70-P	93	100	8.04	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
1-71-P	93	100	8.04	8.04	0	135	0.00 (13)	0.00 (13)	0.00 (13)
1-72-P	93	100	8.04	8.04	0	80	0.00 (13)	0.00 (13)	0.00 (13)
1-73-P	93	100	8.04	8.04	0	2371	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-74-P	93	100	8.04	8.04	0	3630	0.00 (13)	0.00 (13)	0.00 (13)
1-75-P	93	100	8.04	8.04	0	4419	0.00 (13)	0.00 (13)	0.00 (13)
1-76-P	93	100	8.04	8.04	0	4437	0.00 (13)	0.00 (13)	0.00 (13)
1-77-P	93	100	8.04	8.04	0	3037	0.00 (13)	0.00 (13)	0.00 (13)
1-78-P	93	100	8.04	8.04	0	2972	0.00 (13)	0.00 (13)	0.00 (13)
1-79-P	93	100	8.04	8.04	0	15	0.00 (13)	0.00 (13)	0.00 (13)
1-80-P	93	100	8.04	8.04	0	4	0.00 (13)	0.00 (13)	0.00 (13)
1-81-P	93	100	8.04	8.04	0	15	0.00 (13)	0.00 (13)	0.00 (13)
1-82-P	93	100	8.04	8.04	0	757	0.00 (13)	0.00 (13)	0.00 (13)
1-83-P	93	100	8.04	8.04	0	1377	0.00 (13)	0.00 (13)	0.00 (13)
1-84-P	93	100	8.04	8.04	0	1722	0.00 (13)	0.00 (13)	0.00 (13)
1-85-P	93	100	8.04	8.04	0	506	0.00 (13)	0.00 (13)	0.00 (13)
2-1-P	93	100	8.04	8.04	0	238	0.00 (13)	0.00 (13)	0.00 (13)
2-2-P	93	100	8.04	8.04	0	65	0.00 (13)	0.00 (13)	0.00 (13)
2-3-P	93	100	8.04	8.04	0	59	0.00 (13)	0.00 (13)	0.00 (13)
2-4-P	93	100	8.04	8.04	0	180	0.00 (13)	0.00 (13)	0.00 (13)
2-5-P	93	100	8.04	8.04	0	470	0.00 (13)	0.00 (13)	0.00 (13)
2-6-P	93	100	8.04	8.04	0	1569	0.00 (13)	0.00 (13)	0.00 (13)
2-7-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
2-8-P	93	100	8.04	8.04	0	3682	0.00 (13)	0.00 (13)	0.00 (13)
2-9-P	93	100	8.04	8.04	0	3569	0.00 (13)	0.00 (13)	0.00 (13)
2-10-P	93	100	8.04	8.04	0	2663	0.00 (13)	0.00 (13)	0.00 (13)
2-11-P	93	100	8.04	8.04	0	1571	0.00 (13)	0.00 (13)	0.00 (13)
2-12-P	93	100	8.04	8.04	0	594	0.00 (13)	0.00 (13)	0.00 (13)
2-13-P	93	100	8.04	8.04	0	341	0.00 (13)	0.00 (13)	0.00 (13)
2-14-P	93	100	8.04	8.04	0	451	0.00 (13)	0.00 (13)	0.00 (13)
2-15-P	93	100	8.04	8.04	0	847	0.00 (13)	0.00 (13)	0.00 (13)
2-16-P	93	100	8.04	8.04	0	1971	0.00 (13)	0.00 (13)	0.00 (13)
2-17-P	93	100	8.04	8.04	0	2889	0.00 (13)	0.00 (13)	0.00 (13)
2-18-P	93	100	8.04	8.04	0	3966	0.00 (13)	0.00 (13)	0.00 (13)
2-19-P	93	100	8.04	8.04	0	2860	0.00 (13)	0.00 (13)	0.00 (13)
2-20-P	93	100	8.04	8.04	0	1928	0.00 (13)	0.00 (13)	0.00 (13)
2-21-P	93	100	8.04	8.04	0	742	0.00 (13)	0.00 (13)	0.00 (13)
2-22-P	93	100	8.04	8.04	0	379	0.00 (13)	0.00 (13)	0.00 (13)
2-23-P	93	100	8.04	8.04	0	252	0.00 (13)	0.00 (13)	0.00 (13)
2-24-P	93	100	8.04	8.04	0	445	0.00 (13)	0.00 (13)	0.00 (13)
2-25-P	93	100	8.04	8.04	0	1083	0.00 (13)	0.00 (13)	0.00 (13)
2-26-P	93	100	8.04	8.04	0	2045	0.00 (13)	0.00 (13)	0.00 (13)
2-27-P	93	100	8.04	8.04	0	3013	0.00 (13)	0.00 (13)	0.00 (13)
2-28-P	93	100	8.04	8.04	0	3222	0.00 (13)	0.00 (13)	0.00 (13)
2-29-P	93	100	8.04	8.04	0	2204	0.00 (13)	0.00 (13)	0.00 (13)
2-30-P	93	100	8.04	8.04	0	1469	0.00 (13)	0.00 (13)	0.00 (13)
2-31-P	93	100	8.04	8.04	0	472	0.00 (13)	0.00 (13)	0.00 (13)
2-32-P	93	100	8.04	8.04	0	265	0.00 (13)	0.00 (13)	0.00 (13)
2-33-P	93	100	8.04	8.04	0	301	0.00 (13)	0.00 (13)	0.00 (13)
2-34-P	93	100	8.04	8.04	0	554	0.00 (13)	0.00 (13)	0.00 (13)
2-35-P	93	100	8.04	8.04	0	1512	0.00 (13)	0.00 (13)	0.00 (13)
2-36-P	93	100	8.04	8.04	0	2327	0.00 (13)	0.00 (13)	0.00 (13)
2-37-P	93	100	8.04	8.04	0	3371	0.00 (13)	0.00 (13)	0.00 (13)
2-38-P	93	100	8.04	8.04	0	2718	0.00 (13)	0.00 (13)	0.00 (13)
2-39-P	93	100	8.04	8.04	0	1785	0.00 (13)	0.00 (13)	0.00 (13)
2-40-P	93	100	8.04	8.04	0	759	0.00 (13)	0.00 (13)	0.00 (13)
2-41-P	93	100	8.04	8.04	0	380	0.00 (13)	0.00 (13)	0.00 (13)
2-42-P	93	100	8.04	8.04	0	195	0.00 (13)	0.00 (13)	0.00 (13)
2-43-P	93	100	8.04	8.04	0	380	0.00 (13)	0.00 (13)	0.00 (13)
2-44-P	93	100	8.04	8.04	0	759	0.00 (13)	0.00 (13)	0.00 (13)
2-45-P	93	100	8.04	8.04	0	1785	0.00 (13)	0.00 (13)	0.00 (13)
2-46-P	93	100	8.04	8.04	0	2718	0.00 (13)	0.00 (13)	0.00 (13)
2-47-P	93	100	8.04	8.04	0	3371	0.00 (13)	0.00 (13)	0.00 (13)
2-48-P	93	100	8.04	8.04	0	2327	0.00 (13)	0.00 (13)	0.00 (13)
2-49-P	93	100	8.04	8.04	0	1512	0.00 (13)	0.00 (13)	0.00 (13)
2-50-P	93	100	8.04	8.04	0	554	0.00 (13)	0.00 (13)	0.00 (13)
2-51-P	93	100	8.04	8.04	0	301	0.00 (13)	0.00 (13)	0.00 (13)
2-52-P	93	100	8.04	8.04	0	265	0.00 (13)	0.00 (13)	0.00 (13)
2-53-P	93	100	8.04	8.04	0	472	0.00 (13)	0.00 (13)	0.00 (13)
2-54-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
2-55-P	93	100	8.04	8.04	0	2205	0.00 (13)	0.00 (13)	0.00 (13)
2-56-P	93	100	8.04	8.04	0	3223	0.00 (13)	0.00 (13)	0.00 (13)
2-57-P	93	100	8.04	8.04	0	3015	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2-58-P	93	100	8.04	8.04	0	2047	0.00 (13)	0.00 (13)	0.00 (13)
2-59-P	93	100	8.04	8.04	0	1084	0.00 (13)	0.00 (13)	0.00 (13)
2-60-P	93	100	8.04	8.04	0	446	0.00 (13)	0.00 (13)	0.00 (13)
2-61-P	93	100	8.04	8.04	0	253	0.00 (13)	0.00 (13)	0.00 (13)
2-62-P	93	100	8.04	8.04	0	380	0.00 (13)	0.00 (13)	0.00 (13)
2-63-P	93	100	8.04	8.04	0	745	0.00 (13)	0.00 (13)	0.00 (13)
2-64-P	93	100	8.04	8.04	0	1936	0.00 (13)	0.00 (13)	0.00 (13)
2-65-P	93	100	8.04	8.04	0	2870	0.00 (13)	0.00 (13)	0.00 (13)
2-66-P	93	100	8.04	8.04	0	3978	0.00 (13)	0.00 (13)	0.00 (13)
2-67-P	93	100	8.04	8.04	0	2902	0.00 (13)	0.00 (13)	0.00 (13)
2-68-P	93	100	8.04	8.04	0	1984	0.00 (13)	0.00 (13)	0.00 (13)
2-69-P	93	100	8.04	8.04	0	853	0.00 (13)	0.00 (13)	0.00 (13)
2-70-P	93	100	8.04	8.04	0	456	0.00 (13)	0.00 (13)	0.00 (13)
2-71-P	93	100	8.04	8.04	0	345	0.00 (13)	0.00 (13)	0.00 (13)
2-72-P	93	100	8.04	8.04	0	601	0.00 (13)	0.00 (13)	0.00 (13)
2-73-P	93	100	8.04	8.04	0	1594	0.00 (13)	0.00 (13)	0.00 (13)
2-74-P	93	100	8.04	8.04	0	2695	0.00 (13)	0.00 (13)	0.00 (13)
2-75-P	93	100	8.04	8.04	0	3603	0.00 (13)	0.00 (13)	0.00 (13)
2-76-P	93	100	8.04	8.04	0	3716	0.00 (13)	0.00 (13)	0.00 (13)
2-77-P	93	100	8.04	8.04	0	2523	0.00 (13)	0.00 (13)	0.00 (13)
2-78-P	93	100	8.04	8.04	0	1587	0.00 (13)	0.00 (13)	0.00 (13)
2-79-P	93	100	8.04	8.04	0	484	0.00 (13)	0.00 (13)	0.00 (13)
2-80-P	93	100	8.04	8.04	0	193	0.00 (13)	0.00 (13)	0.00 (13)
2-81-P	93	100	8.04	8.04	0	116	0.00 (13)	0.00 (13)	0.00 (13)
2-82-P	93	100	8.04	8.04	0	108	0.00 (13)	0.00 (13)	0.00 (13)
2-83-P	93	100	8.04	8.04	0	285	0.00 (13)	0.00 (13)	0.00 (13)
2-84-P	93	100	8.04	8.04	0	474	0.00 (13)	0.00 (13)	0.00 (13)
2-85-P	93	100	8.04	8.04	0	6894	0.00 (13)	0.00 (13)	0.00 (13)
3-1-P	93	100	8.04	8.04	0	6735	0.00 (13)	0.00 (13)	0.00 (13)
3-2-P	93	100	8.04	8.04	0	5202	0.00 (13)	0.00 (13)	0.00 (13)
3-3-P	93	100	8.04	8.04	0	7475	0.00 (13)	0.00 (13)	0.00 (13)
3-4-P	93	100	8.04	8.04	0	8260	0.00 (13)	0.00 (13)	0.00 (13)
3-5-P	93	100	8.04	8.04	0	8776	0.00 (13)	0.00 (13)	0.00 (13)
3-6-P	93	100	8.04	8.04	0	9293	0.00 (13)	0.00 (13)	0.00 (13)
3-7-P	93	100	8.04	8.04	0	9454	0.00 (13)	0.00 (13)	0.00 (13)
3-8-P	93	100	8.04	8.04	0	9613	0.00 (13)	0.00 (13)	0.00 (13)
3-9-P	93	100	8.04	8.04	0	9548	0.00 (13)	0.00 (13)	0.00 (13)
3-10-P	93	100	8.04	8.04	0	9333	0.00 (13)	0.00 (13)	0.00 (13)
3-11-P	93	100	8.04	8.04	0	9103	0.00 (13)	0.00 (13)	0.00 (13)
3-12-P	93	100	8.04	8.04	0	8813	0.00 (13)	0.00 (13)	0.00 (13)
3-13-P	93	100	8.04	8.04	0	8522	0.00 (13)	0.00 (13)	0.00 (13)
3-14-P	93	100	8.04	8.04	0	8592	0.00 (13)	0.00 (13)	0.00 (13)
3-15-P	93	100	8.04	8.04	0	8751	0.00 (13)	0.00 (13)	0.00 (13)
3-16-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
3-17-P	93	100	8.04	8.04	0	8989	0.00 (13)	0.00 (13)	0.00 (13)
3-18-P	93	100	8.04	8.04	0	9091	0.00 (13)	0.00 (13)	0.00 (13)
3-19-P	93	100	8.04	8.04	0	8907	0.00 (13)	0.00 (13)	0.00 (13)
3-20-P	93	100	8.04	8.04	0	8723	0.00 (13)	0.00 (13)	0.00 (13)
3-21-P	93	100	8.04	8.04	0	8503	0.00 (13)	0.00 (13)	0.00 (13)
3-22-P	93	100	8.04	8.04	0	8258	0.00 (13)	0.00 (13)	0.00 (13)
3-23-P	93	100	8.04	8.04	0	8103	0.00 (13)	0.00 (13)	0.00 (13)
3-24-P	93	100	8.04	8.04	0	8306	0.00 (13)	0.00 (13)	0.00 (13)
3-25-P	93	100	8.04	8.04	0	8508	0.00 (13)	0.00 (13)	0.00 (13)
3-26-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-27-P	93	100	8.04	8.04	0	8796	0.00 (13)	0.00 (13)	0.00 (13)
3-28-P	93	100	8.04	8.04	0	8815	0.00 (13)	0.00 (13)	0.00 (13)
3-29-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-30-P	93	100	8.04	8.04	0	8502	0.00 (13)	0.00 (13)	0.00 (13)
3-31-P	93	100	8.04	8.04	0	8277	0.00 (13)	0.00 (13)	0.00 (13)
3-32-P	93	100	8.04	8.04	0	8052	0.00 (13)	0.00 (13)	0.00 (13)
3-33-P	93	100	8.04	8.04	0	8093	0.00 (13)	0.00 (13)	0.00 (13)
3-34-P	93	100	8.04	8.04	0	8310	0.00 (13)	0.00 (13)	0.00 (13)
3-35-P	93	100	8.04	8.04	0	8513	0.00 (13)	0.00 (13)	0.00 (13)
3-36-P	93	100	8.04	8.04	0	8660	0.00 (13)	0.00 (13)	0.00 (13)
3-37-P	93	100	8.04	8.04	0	8806	0.00 (13)	0.00 (13)	0.00 (13)
3-38-P	93	100	8.04	8.04	0	8716	0.00 (13)	0.00 (13)	0.00 (13)
3-39-P	93	100	8.04	8.04	0	8566	0.00 (13)	0.00 (13)	0.00 (13)
3-40-P	93	100	8.04	8.04	0	8388	0.00 (13)	0.00 (13)	0.00 (13)
3-41-P	93	100	8.04	8.04	0	8168	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
3-42-P	93	100	8.04	8.04	0	7948	0.00 (13)	0.00 (13)	0.00 (13)
3-43-P	93	100	8.04	8.04	0	8168	0.00 (13)	0.00 (13)	0.00 (13)
3-44-P	93	100	8.04	8.04	0	8388	0.00 (13)	0.00 (13)	0.00 (13)
3-45-P	93	100	8.04	8.04	0	8566	0.00 (13)	0.00 (13)	0.00 (13)
3-46-P	93	100	8.04	8.04	0	8716	0.00 (13)	0.00 (13)	0.00 (13)
3-47-P	93	100	8.04	8.04	0	8806	0.00 (13)	0.00 (13)	0.00 (13)
3-48-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-49-P	93	100	8.04	8.04	0	8512	0.00 (13)	0.00 (13)	0.00 (13)
3-50-P	93	100	8.04	8.04	0	8310	0.00 (13)	0.00 (13)	0.00 (13)
3-51-P	93	100	8.04	8.04	0	8093	0.00 (13)	0.00 (13)	0.00 (13)
3-52-P	93	100	8.04	8.04	0	8052	0.00 (13)	0.00 (13)	0.00 (13)
3-53-P	93	100	8.04	8.04	0	8277	0.00 (13)	0.00 (13)	0.00 (13)
3-54-P	93	100	8.04	8.04	0	8503	0.00 (13)	0.00 (13)	0.00 (13)
3-55-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-56-P	93	100	8.04	8.04	0	8816	0.00 (13)	0.00 (13)	0.00 (13)
3-57-P	93	100	8.04	8.04	0	8796	0.00 (13)	0.00 (13)	0.00 (13)
3-58-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-59-P	93	100	8.04	8.04	0	8509	0.00 (13)	0.00 (13)	0.00 (13)
3-60-P	93	100	8.04	8.04	0	8307	0.00 (13)	0.00 (13)	0.00 (13)
3-61-P	93	100	8.04	8.04	0	8105	0.00 (13)	0.00 (13)	0.00 (13)
3-62-P	93	100	8.04	8.04	0	8261	0.00 (13)	0.00 (13)	0.00 (13)
3-63-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
3-64-P	93	100	8.04	8.04	0	8727	0.00 (13)	0.00 (13)	0.00 (13)
3-65-P	93	100	8.04	8.04	0	8912	0.00 (13)	0.00 (13)	0.00 (13)
3-66-P	93	100	8.04	8.04	0	9097	0.00 (13)	0.00 (13)	0.00 (13)
3-67-P	93	100	8.04	8.04	0	8997	0.00 (13)	0.00 (13)	0.00 (13)
3-68-P	93	100	8.04	8.04	0	8897	0.00 (13)	0.00 (13)	0.00 (13)
3-69-P	93	100	8.04	8.04	0	8762	0.00 (13)	0.00 (13)	0.00 (13)
3-70-P	93	100	8.04	8.04	0	8606	0.00 (13)	0.00 (13)	0.00 (13)
3-71-P	93	100	8.04	8.04	0	8539	0.00 (13)	0.00 (13)	0.00 (13)
3-72-P	93	100	8.04	8.04	0	8833	0.00 (13)	0.00 (13)	0.00 (13)
3-73-P	93	100	8.04	8.04	0	9126	0.00 (13)	0.00 (13)	0.00 (13)
3-74-P	93	100	8.04	8.04	0	9360	0.00 (13)	0.00 (13)	0.00 (13)
3-75-P	93	100	8.04	8.04	0	9578	0.00 (13)	0.00 (13)	0.00 (13)
3-76-P	93	100	8.04	8.04	0	9642	0.00 (13)	0.00 (13)	0.00 (13)
3-77-P	93	100	8.04	8.04	0	9478	0.00 (13)	0.00 (13)	0.00 (13)
3-78-P	93	100	8.04	8.04	0	9312	0.00 (13)	0.00 (13)	0.00 (13)
3-79-P	93	100	8.04	8.04	0	8672	0.00 (13)	0.00 (13)	0.00 (13)
3-80-P	93	100	8.04	8.04	0	8033	0.00 (13)	0.00 (13)	0.00 (13)
3-81-P	93	100	8.04	8.04	0	7034	0.00 (13)	0.00 (13)	0.00 (13)
3-82-P	93	100	8.04	8.04	0	5795	0.00 (13)	0.00 (13)	0.00 (13)
3-83-P	93	100	8.04	8.04	0	4598	0.00 (13)	0.00 (13)	0.00 (13)
3-84-P	93	100	8.04	8.04	0	3411	0.00 (13)	0.00 (13)	0.00 (13)
3-85-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-1-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-2-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-3-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-4-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-5-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-6-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-7-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-8-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-9-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-10-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-11-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-12-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-13-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-14-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-15-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-16-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-17-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-18-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-19-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-20-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-21-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-22-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-23-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-24-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-25-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-26-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-27-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-28-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-29-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-30-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-31-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-32-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-33-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-34-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-35-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-36-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-37-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-38-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-39-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-40-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-41-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-42-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-43-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-44-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-45-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-46-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-47-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-48-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-49-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-50-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-51-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-52-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-53-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-54-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-55-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-56-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-57-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-58-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-59-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-60-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-61-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-62-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-63-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-64-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-65-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-66-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-67-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-68-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-69-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-70-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-71-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-72-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-73-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-74-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-75-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-76-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-77-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-78-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-79-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-80-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-81-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-82-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-83-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-84-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-85-P	10	100	4.02	4.02	0	7708	0.00 (13)	0.00 (13)	0.00 (13)
6-1-S	100	100	18.85	8.04	0	785	0.00 (13)	0.00 (13)	0.00 (13)
6-2-S	100	100	18.85	8.04	0	208	0.00 (13)	0.00 (13)	0.00 (13)
6-3-S	100	100	18.85	8.04	0	414	0.00 (13)	0.00 (13)	0.00 (13)
6-4-S	100	100	18.85	8.04	0	167	0.00 (13)	0.00 (13)	0.00 (13)
6-5-S	100	100	18.85	8.04	0	9	0.00 (13)	0.00 (13)	0.00 (13)
6-6-S	100	100	18.85	8.04	0	119	0.00 (13)	0.00 (13)	0.00 (13)
6-7-S	100	100	18.85	8.04	0	4446	0.00 (13)	0.00 (13)	0.00 (13)
6-8-S	100	100	18.85	8.04	0	14510	0.00 (13)	0.00 (13)	0.00 (13)
6-9-S	100	100	18.85	8.04	0	24117	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
6-10-S	100	100	18.85	8.04	0	33673	0.00 (13)	0.00 (13)	0.00 (13)
6-11-S	100	100	18.85	8.04	0	43212	0.00 (13)	0.00 (13)	0.00 (13)
6-12-S	100	100	18.85	8.04	0	52785	0.00 (13)	0.00 (13)	0.00 (13)
6-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
6-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
6-15-S	100	100	18.85	8.04	0	2878	0.00 (13)	0.00 (13)	0.00 (13)
7-1-S	100	100	18.85	8.04	0	60	0.00 (13)	0.00 (13)	0.00 (13)
7-2-S	100	100	18.85	8.04	0	402	0.00 (13)	0.00 (13)	0.00 (13)
7-3-S	100	100	18.85	8.04	0	559	0.00 (13)	0.00 (13)	0.00 (13)
7-4-S	100	100	18.85	8.04	0	246	0.00 (13)	0.00 (13)	0.00 (13)
7-5-S	100	100	18.85	8.04	0	18	0.00 (13)	0.00 (13)	0.00 (13)
7-6-S	100	100	18.85	8.04	0	1165	0.00 (13)	0.00 (13)	0.00 (13)
7-7-S	100	100	18.85	8.04	0	7134	0.00 (13)	0.00 (13)	0.00 (13)
7-8-S	100	100	18.85	8.04	0	15694	0.00 (13)	0.00 (13)	0.00 (13)
7-9-S	100	100	18.85	8.04	0	24423	0.00 (13)	0.00 (13)	0.00 (13)
7-10-S	100	100	18.85	8.04	0	33167	0.00 (13)	0.00 (13)	0.00 (13)
7-11-S	100	100	18.85	8.04	0	41890	0.00 (13)	0.00 (13)	0.00 (13)
7-12-S	100	100	18.85	8.04	0	50546	0.00 (13)	0.00 (13)	0.00 (13)
7-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
7-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
7-15-S	100	100	18.85	8.04	0	751	0.00 (13)	0.00 (13)	0.00 (13)
8-1-S	100	100	18.85	8.04	0	257	0.00 (13)	0.00 (13)	0.00 (13)
8-2-S	100	100	18.85	8.04	0	562	0.00 (13)	0.00 (13)	0.00 (13)
8-3-S	100	100	18.85	8.04	0	825	0.00 (13)	0.00 (13)	0.00 (13)
8-4-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
8-5-S	100	100	18.85	8.04	0	217	0.00 (13)	0.00 (13)	0.00 (13)
8-6-S	100	100	18.85	8.04	0	1976	0.00 (13)	0.00 (13)	0.00 (13)
8-7-S	100	100	18.85	8.04	0	8558	0.00 (13)	0.00 (13)	0.00 (13)
8-8-S	100	100	18.85	8.04	0	15862	0.00 (13)	0.00 (13)	0.00 (13)
8-9-S	100	100	18.85	8.04	0	23978	0.00 (13)	0.00 (13)	0.00 (13)
8-10-S	100	100	18.85	8.04	0	32169	0.00 (13)	0.00 (13)	0.00 (13)
8-11-S	100	100	18.85	8.04	0	40325	0.00 (13)	0.00 (13)	0.00 (13)
8-12-S	100	100	18.85	8.04	0	48378	0.00 (13)	0.00 (13)	0.00 (13)
8-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
8-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
8-15-S	100	100	18.85	8.04	0	10506	0.00 (13)	0.00 (13)	0.00 (13)
9-1-S	100	100	18.85	8.04	0	497	0.00 (13)	0.00 (13)	0.00 (13)
9-2-S	100	100	18.85	8.04	0	221	0.00 (13)	0.00 (13)	0.00 (13)
9-3-S	100	100	18.85	8.04	0	279	0.00 (13)	0.00 (13)	0.00 (13)
9-4-S	100	100	18.85	8.04	0	127	0.00 (13)	0.00 (13)	0.00 (13)
9-5-S	100	100	18.85	8.04	0	12	0.00 (13)	0.00 (13)	0.00 (13)
9-6-S	100	100	18.85	8.04	0	241	0.00 (13)	0.00 (13)	0.00 (13)
9-7-S	100	100	18.85	8.04	0	4104	0.00 (13)	0.00 (13)	0.00 (13)
9-8-S	100	100	18.85	8.04	0	14589	0.00 (13)	0.00 (13)	0.00 (13)
9-9-S	100	100	18.85	8.04	0	23062	0.00 (13)	0.00 (13)	0.00 (13)
9-10-S	100	100	18.85	8.04	0	31348	0.00 (13)	0.00 (13)	0.00 (13)
9-11-S	100	100	18.85	8.04	0	39517	0.00 (13)	0.00 (13)	0.00 (13)
9-12-S	100	100	18.85	8.04	0	47314	0.00 (13)	0.00 (13)	0.00 (13)
9-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
9-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
9-15-S	100	100	18.85	8.04	0	616	0.00 (13)	0.00 (13)	0.00 (13)
10-1-S	100	100	15.71	8.04	0	279	0.00 (13)	0.00 (13)	0.00 (13)
10-2-S	100	100	15.71	8.04	0	467	0.00 (13)	0.00 (13)	0.00 (13)
10-3-S	100	100	15.71	8.04	0	631	0.00 (13)	0.00 (13)	0.00 (13)
10-4-S	100	100	15.71	8.04	0	354	0.00 (13)	0.00 (13)	0.00 (13)
10-5-S	100	100	15.71	8.04	0	102	0.00 (13)	0.00 (13)	0.00 (13)
10-6-S	100	100	15.71	8.04	0	2313	0.00 (13)	0.00 (13)	0.00 (13)
10-7-S	100	100	15.71	8.04	0	8775	0.00 (13)	0.00 (13)	0.00 (13)
10-8-S	100	100	15.71	8.04	0	15238	0.00 (13)	0.00 (13)	0.00 (13)
10-9-S	100	100	15.71	8.04	0	22942	0.00 (13)	0.00 (13)	0.00 (13)
10-10-S	100	100	15.71	8.04	0	30760	0.00 (13)	0.00 (13)	0.00 (13)
10-11-S	100	100	15.71	8.04	0	38552	0.00 (13)	0.00 (13)	0.00 (13)
10-12-S	100	100	15.71	8.04	0	46266	0.00 (13)	0.00 (13)	0.00 (13)
10-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
10-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
10-15-S	100	100	15.71	8.04	0	10539	0.00 (13)	0.00 (13)	0.00 (13)
11-1-S	100	100	15.71	8.04	0	492	0.00 (13)	0.00 (13)	0.00 (13)
11-2-S	100	100	15.71	8.04	0	248	0.00 (13)	0.00 (13)	0.00 (13)
11-3-S	100	100	15.71	8.04	0	315	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
11-4-S	100	100	15.71	8.04	0	156	0.00 (13)	0.00 (13)	0.00 (13)
11-5-S	100	100	15.71	8.04	0	25	0.00 (13)	0.00 (13)	0.00 (13)
11-6-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
11-7-S	100	100	15.71	8.04	0	3643	0.00 (13)	0.00 (13)	0.00 (13)
11-8-S	100	100	15.71	8.04	0	13985	0.00 (13)	0.00 (13)	0.00 (13)
11-9-S	100	100	15.71	8.04	0	22329	0.00 (13)	0.00 (13)	0.00 (13)
11-10-S	100	100	15.71	8.04	0	30483	0.00 (13)	0.00 (13)	0.00 (13)
11-11-S	100	100	15.71	8.04	0	38525	0.00 (13)	0.00 (13)	0.00 (13)
11-12-S	100	100	15.71	8.04	0	46199	0.00 (13)	0.00 (13)	0.00 (13)
11-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
11-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
11-15-S	100	100	15.71	8.04	0	649	0.00 (13)	0.00 (13)	0.00 (13)
12-1-S	100	100	15.71	8.04	0	171	0.00 (13)	0.00 (13)	0.00 (13)
12-2-S	100	100	15.71	8.04	0	449	0.00 (13)	0.00 (13)	0.00 (13)
12-3-S	100	100	15.71	8.04	0	682	0.00 (13)	0.00 (13)	0.00 (13)
12-4-S	100	100	15.71	8.04	0	356	0.00 (13)	0.00 (13)	0.00 (13)
12-5-S	100	100	15.71	8.04	0	56	0.00 (13)	0.00 (13)	0.00 (13)
12-6-S	100	100	15.71	8.04	0	1479	0.00 (13)	0.00 (13)	0.00 (13)
12-7-S	100	100	15.71	8.04	0	7688	0.00 (13)	0.00 (13)	0.00 (13)
12-8-S	100	100	15.71	8.04	0	14711	0.00 (13)	0.00 (13)	0.00 (13)
12-9-S	100	100	15.71	8.04	0	22472	0.00 (13)	0.00 (13)	0.00 (13)
12-10-S	100	100	15.71	8.04	0	30300	0.00 (13)	0.00 (13)	0.00 (13)
12-11-S	100	100	15.71	8.04	0	38092	0.00 (13)	0.00 (13)	0.00 (13)
12-12-S	100	100	15.71	8.04	0	45774	0.00 (13)	0.00 (13)	0.00 (13)
12-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
12-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
12-15-S	100	100	15.71	8.04	0	2645	0.00 (13)	0.00 (13)	0.00 (13)
13-1-S	100	100	15.71	8.04	0	104	0.00 (13)	0.00 (13)	0.00 (13)
13-2-S	100	100	15.71	8.04	0	466	0.00 (13)	0.00 (13)	0.00 (13)
13-3-S	100	100	15.71	8.04	0	618	0.00 (13)	0.00 (13)	0.00 (13)
13-4-S	100	100	15.71	8.04	0	317	0.00 (13)	0.00 (13)	0.00 (13)
13-5-S	100	100	15.71	8.04	0	69	0.00 (13)	0.00 (13)	0.00 (13)
13-6-S	100	100	15.71	8.04	0	897	0.00 (13)	0.00 (13)	0.00 (13)
13-7-S	100	100	15.71	8.04	0	6321	0.00 (13)	0.00 (13)	0.00 (13)
13-8-S	100	100	15.71	8.04	0	14377	0.00 (13)	0.00 (13)	0.00 (13)
13-9-S	100	100	15.71	8.04	0	22313	0.00 (13)	0.00 (13)	0.00 (13)
13-10-S	100	100	15.71	8.04	0	30237	0.00 (13)	0.00 (13)	0.00 (13)
13-11-S	100	100	15.71	8.04	0	38103	0.00 (13)	0.00 (13)	0.00 (13)
13-12-S	100	100	15.71	8.04	0	45782	0.00 (13)	0.00 (13)	0.00 (13)
13-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
13-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
13-15-S	100	100	15.71	8.04	0	7932	0.00 (13)	0.00 (13)	0.00 (13)
14-1-S	100	100	15.71	8.04	0	516	0.00 (13)	0.00 (13)	0.00 (13)
14-2-S	100	100	15.71	8.04	0	383	0.00 (13)	0.00 (13)	0.00 (13)
14-3-S	100	100	15.71	8.04	0	516	0.00 (13)	0.00 (13)	0.00 (13)
14-4-S	100	100	15.71	8.04	0	253	0.00 (13)	0.00 (13)	0.00 (13)
14-5-S	100	100	15.71	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
14-6-S	100	100	15.71	8.04	0	450	0.00 (13)	0.00 (13)	0.00 (13)
14-7-S	100	100	15.71	8.04	0	4601	0.00 (13)	0.00 (13)	0.00 (13)
14-8-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
14-9-S	100	100	15.71	8.04	0	22140	0.00 (13)	0.00 (13)	0.00 (13)
14-10-S	100	100	15.71	8.04	0	30196	0.00 (13)	0.00 (13)	0.00 (13)
14-11-S	100	100	15.71	8.04	0	38163	0.00 (13)	0.00 (13)	0.00 (13)
14-12-S	100	100	15.71	8.04	0	45838	0.00 (13)	0.00 (13)	0.00 (13)
14-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
14-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
14-15-S	100	100	15.71	8.04	0	607	0.00 (13)	0.00 (13)	0.00 (13)
15-1-S	100	100	15.71	8.04	0	209	0.00 (13)	0.00 (13)	0.00 (13)
15-2-S	100	100	15.71	8.04	0	526	0.00 (13)	0.00 (13)	0.00 (13)
15-3-S	100	100	15.71	8.04	0	774	0.00 (13)	0.00 (13)	0.00 (13)
15-4-S	100	100	15.71	8.04	0	410	0.00 (13)	0.00 (13)	0.00 (13)
15-5-S	100	100	15.71	8.04	0	72	0.00 (13)	0.00 (13)	0.00 (13)
15-6-S	100	100	15.71	8.04	0	1825	0.00 (13)	0.00 (13)	0.00 (13)
15-7-S	100	100	15.71	8.04	0	8248	0.00 (13)	0.00 (13)	0.00 (13)
15-8-S	100	100	15.71	8.04	0	14704	0.00 (13)	0.00 (13)	0.00 (13)
15-9-S	100	100	15.71	8.04	0	22368	0.00 (13)	0.00 (13)	0.00 (13)
15-10-S	100	100	15.71	8.04	0	30144	0.00 (13)	0.00 (13)	0.00 (13)
15-11-S	100	100	15.71	8.04	0	37898	0.00 (13)	0.00 (13)	0.00 (13)
15-12-S	100	100	15.71	8.04	0	45582	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
15-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
15-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
15-15-S	100	100	15.71	8.04	0	10549	0.00 (13)	0.00 (13)	0.00 (13)
16-1-S	100	100	15.71	10.05	0	461	0.00 (13)	0.00 (13)	0.00 (13)
16-2-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-3-S	100	100	15.71	10.05	0	7	0.00 (13)	0.00 (13)	0.00 (13)
16-4-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-5-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-6-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-7-S	100	100	15.71	10.05	0	2889	0.00 (13)	0.00 (13)	0.00 (13)
16-8-S	100	100	15.71	10.05	0	13576	0.00 (13)	0.00 (13)	0.00 (13)
16-9-S	100	100	15.71	10.05	0	21978	0.00 (13)	0.00 (13)	0.00 (13)
16-10-S	100	100	15.71	10.05	0	30161	0.00 (13)	0.00 (13)	0.00 (13)
16-11-S	100	100	15.71	10.05	0	38224	0.00 (13)	0.00 (13)	0.00 (13)
16-12-S	100	100	15.71	10.05	0	45900	0.00 (13)	0.00 (13)	0.00 (13)
16-13-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-14-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-15-S	100	100	15.71	10.05	0	607	0.00 (13)	0.00 (13)	0.00 (13)
17-1-S	100	100	15.71	8.04	0	209	0.00 (13)	0.00 (13)	0.00 (13)
17-2-S	100	100	15.71	8.04	0	526	0.00 (13)	0.00 (13)	0.00 (13)
17-3-S	100	100	15.71	8.04	0	774	0.00 (13)	0.00 (13)	0.00 (13)
17-4-S	100	100	15.71	8.04	0	410	0.00 (13)	0.00 (13)	0.00 (13)
17-5-S	100	100	15.71	8.04	0	72	0.00 (13)	0.00 (13)	0.00 (13)
17-6-S	100	100	15.71	8.04	0	1825	0.00 (13)	0.00 (13)	0.00 (13)
17-7-S	100	100	15.71	8.04	0	8248	0.00 (13)	0.00 (13)	0.00 (13)
17-8-S	100	100	15.71	8.04	0	14704	0.00 (13)	0.00 (13)	0.00 (13)
17-9-S	100	100	15.71	8.04	0	22368	0.00 (13)	0.00 (13)	0.00 (13)
17-10-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
17-11-S	100	100	15.71	8.04	0	37898	0.00 (13)	0.00 (13)	0.00 (13)
17-12-S	100	100	15.71	8.04	0	45581	0.00 (13)	0.00 (13)	0.00 (13)
17-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
17-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
17-15-S	100	100	15.71	8.04	0	7932	0.00 (13)	0.00 (13)	0.00 (13)
18-1-S	100	100	15.71	8.04	0	516	0.00 (13)	0.00 (13)	0.00 (13)
18-2-S	100	100	15.71	8.04	0	383	0.00 (13)	0.00 (13)	0.00 (13)
18-3-S	100	100	15.71	8.04	0	516	0.00 (13)	0.00 (13)	0.00 (13)
18-4-S	100	100	15.71	8.04	0	253	0.00 (13)	0.00 (13)	0.00 (13)
18-5-S	100	100	15.71	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
18-6-S	100	100	15.71	8.04	0	450	0.00 (13)	0.00 (13)	0.00 (13)
18-7-S	100	100	15.71	8.04	0	4601	0.00 (13)	0.00 (13)	0.00 (13)
18-8-S	100	100	15.71	8.04	0	13966	0.00 (13)	0.00 (13)	0.00 (13)
18-9-S	100	100	15.71	8.04	0	22139	0.00 (13)	0.00 (13)	0.00 (13)
18-10-S	100	100	15.71	8.04	0	30195	0.00 (13)	0.00 (13)	0.00 (13)
18-11-S	100	100	15.71	8.04	0	38162	0.00 (13)	0.00 (13)	0.00 (13)
18-12-S	100	100	15.71	8.04	0	45838	0.00 (13)	0.00 (13)	0.00 (13)
18-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
18-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
18-15-S	100	100	15.71	8.04	0	2645	0.00 (13)	0.00 (13)	0.00 (13)
19-1-S	100	100	15.71	8.04	0	104	0.00 (13)	0.00 (13)	0.00 (13)
19-2-S	100	100	15.71	8.04	0	467	0.00 (13)	0.00 (13)	0.00 (13)
19-3-S	100	100	15.71	8.04	0	619	0.00 (13)	0.00 (13)	0.00 (13)
19-4-S	100	100	15.71	8.04	0	317	0.00 (13)	0.00 (13)	0.00 (13)
19-5-S	100	100	15.71	8.04	0	69	0.00 (13)	0.00 (13)	0.00 (13)
19-6-S	100	100	15.71	8.04	0	897	0.00 (13)	0.00 (13)	0.00 (13)
19-7-S	100	100	15.71	8.04	0	6321	0.00 (13)	0.00 (13)	0.00 (13)
19-8-S	100	100	15.71	8.04	0	14378	0.00 (13)	0.00 (13)	0.00 (13)
19-9-S	100	100	15.71	8.04	0	22313	0.00 (13)	0.00 (13)	0.00 (13)
19-10-S	100	100	15.71	8.04	0	30236	0.00 (13)	0.00 (13)	0.00 (13)
19-11-S	100	100	15.71	8.04	0	38102	0.00 (13)	0.00 (13)	0.00 (13)
19-12-S	100	100	15.71	8.04	0	45781	0.00 (13)	0.00 (13)	0.00 (13)
19-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
19-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
19-15-S	100	100	15.71	8.04	0	649	0.00 (13)	0.00 (13)	0.00 (13)
20-1-S	100	100	15.71	8.04	0	172	0.00 (13)	0.00 (13)	0.00 (13)
20-2-S	100	100	15.71	8.04	0	448	0.00 (13)	0.00 (13)	0.00 (13)
20-3-S	100	100	15.71	8.04	0	682	0.00 (13)	0.00 (13)	0.00 (13)
20-4-S	100	100	15.71	8.04	0	356	0.00 (13)	0.00 (13)	0.00 (13)
20-5-S	100	100	15.71	8.04	0	56	0.00 (13)	0.00 (13)	0.00 (13)
20-6-S	100	100	15.71	8.04	0	1480	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
20-7-S	100	100	15.71	8.04	0	7690	0.00 (13)	0.00 (13)	0.00 (13)
20-8-S	100	100	15.71	8.04	0	14713	0.00 (13)	0.00 (13)	0.00 (13)
20-9-S	100	100	15.71	8.04	0	22473	0.00 (13)	0.00 (13)	0.00 (13)
20-10-S	100	100	15.71	8.04	0	30301	0.00 (13)	0.00 (13)	0.00 (13)
20-11-S	100	100	15.71	8.04	0	38093	0.00 (13)	0.00 (13)	0.00 (13)
20-12-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
20-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
20-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
20-15-S	100	100	15.71	8.04	0	10540	0.00 (13)	0.00 (13)	0.00 (13)
21-1-S	100	100	15.71	8.04	0	492	0.00 (13)	0.00 (13)	0.00 (13)
21-2-S	100	100	15.71	8.04	0	249	0.00 (13)	0.00 (13)	0.00 (13)
21-3-S	100	100	15.71	8.04	0	316	0.00 (13)	0.00 (13)	0.00 (13)
21-4-S	100	100	15.71	8.04	0	156	0.00 (13)	0.00 (13)	0.00 (13)
21-5-S	100	100	15.71	8.04	0	26	0.00 (13)	0.00 (13)	0.00 (13)
21-6-S	100	100	15.71	8.04	0	229	0.00 (13)	0.00 (13)	0.00 (13)
21-7-S	100	100	15.71	8.04	0	3647	0.00 (13)	0.00 (13)	0.00 (13)
21-8-S	100	100	15.71	8.04	0	13990	0.00 (13)	0.00 (13)	0.00 (13)
21-9-S	100	100	15.71	8.04	0	22333	0.00 (13)	0.00 (13)	0.00 (13)
21-10-S	100	100	15.71	8.04	0	30487	0.00 (13)	0.00 (13)	0.00 (13)
21-11-S	100	100	15.71	8.04	0	38528	0.00 (13)	0.00 (13)	0.00 (13)
21-12-S	100	100	15.71	8.04	0	46201	0.00 (13)	0.00 (13)	0.00 (13)
21-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
21-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
21-15-S	100	100	15.71	8.04	0	616	0.00 (13)	0.00 (13)	0.00 (13)
22-1-S	100	100	15.71	8.04	0	280	0.00 (13)	0.00 (13)	0.00 (13)
22-2-S	100	100	15.71	8.04	0	468	0.00 (13)	0.00 (13)	0.00 (13)
22-3-S	100	100	15.71	8.04	0	632	0.00 (13)	0.00 (13)	0.00 (13)
22-4-S	100	100	15.71	8.04	0	355	0.00 (13)	0.00 (13)	0.00 (13)
22-5-S	100	100	15.71	8.04	0	103	0.00 (13)	0.00 (13)	0.00 (13)
22-6-S	100	100	15.71	8.04	0	2322	0.00 (13)	0.00 (13)	0.00 (13)
22-7-S	100	100	15.71	8.04	0	8785	0.00 (13)	0.00 (13)	0.00 (13)
22-8-S	100	100	15.71	8.04	0	15249	0.00 (13)	0.00 (13)	0.00 (13)
22-9-S	100	100	15.71	8.04	0	22953	0.00 (13)	0.00 (13)	0.00 (13)
22-10-S	100	100	15.71	8.04	0	30771	0.00 (13)	0.00 (13)	0.00 (13)
22-11-S	100	100	15.71	8.04	0	38563	0.00 (13)	0.00 (13)	0.00 (13)
22-12-S	100	100	15.71	8.04	0	46276	0.00 (13)	0.00 (13)	0.00 (13)
22-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
22-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
22-15-S	100	100	15.71	8.04	0	10507	0.00 (13)	0.00 (13)	0.00 (13)
23-1-S	100	100	18.85	8.04	0	498	0.00 (13)	0.00 (13)	0.00 (13)
23-2-S	100	100	18.85	8.04	0	221	0.00 (13)	0.00 (13)	0.00 (13)
23-3-S	100	100	18.85	8.04	0	279	0.00 (13)	0.00 (13)	0.00 (13)
23-4-S	100	100	18.85	8.04	0	127	0.00 (13)	0.00 (13)	0.00 (13)
23-5-S	100	100	18.85	8.04	0	12	0.00 (13)	0.00 (13)	0.00 (13)
23-6-S	100	100	18.85	8.04	0	243	0.00 (13)	0.00 (13)	0.00 (13)
23-7-S	100	100	18.85	8.04	0	4123	0.00 (13)	0.00 (13)	0.00 (13)
23-8-S	100	100	18.85	8.04	0	14611	0.00 (13)	0.00 (13)	0.00 (13)
23-9-S	100	100	18.85	8.04	0	23087	0.00 (13)	0.00 (13)	0.00 (13)
23-10-S	100	100	18.85	8.04	0	31374	0.00 (13)	0.00 (13)	0.00 (13)
23-11-S	100	100	18.85	8.04	0	39546	0.00 (13)	0.00 (13)	0.00 (13)
23-12-S	100	100	18.85	8.04	0	47344	0.00 (13)	0.00 (13)	0.00 (13)
23-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
23-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
23-15-S	100	100	18.85	8.04	0	754	0.00 (13)	0.00 (13)	0.00 (13)
24-1-S	100	100	18.85	8.04	0	260	0.00 (13)	0.00 (13)	0.00 (13)
24-2-S	100	100	18.85	8.04	0	566	0.00 (13)	0.00 (13)	0.00 (13)
24-3-S	100	100	18.85	8.04	0	830	0.00 (13)	0.00 (13)	0.00 (13)
24-4-S	100	100	18.85	8.04	0	524	0.00 (13)	0.00 (13)	0.00 (13)
24-5-S	100	100	18.85	8.04	0	223	0.00 (13)	0.00 (13)	0.00 (13)
24-6-S	100	100	18.85	8.04	0	1990	0.00 (13)	0.00 (13)	0.00 (13)
24-7-S	100	100	18.85	8.04	0	8583	0.00 (13)	0.00 (13)	0.00 (13)
24-8-S	100	100	18.85	8.04	0	15895	0.00 (13)	0.00 (13)	0.00 (13)
24-9-S	100	100	18.85	8.04	0	24022	0.00 (13)	0.00 (13)	0.00 (13)
24-10-S	100	100	18.85	8.04	0	32224	0.00 (13)	0.00 (13)	0.00 (13)
24-11-S	100	100	18.85	8.04	0	40391	0.00 (13)	0.00 (13)	0.00 (13)
24-12-S	100	100	18.85	8.04	0	48456	0.00 (13)	0.00 (13)	0.00 (13)
24-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
24-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
24-15-S	100	100	18.85	8.04	0	2877	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
25-1-S	100	100	18.85	8.04	0	60	0.00 (13)	0.00 (13)	0.00 (13)
25-2-S	100	100	18.85	8.04	0	401	0.00 (13)	0.00 (13)	0.00 (13)
25-3-S	100	100	18.85	8.04	0	557	0.00 (13)	0.00 (13)	0.00 (13)
25-4-S	100	100	18.85	8.04	0	243	0.00 (13)	0.00 (13)	0.00 (13)
25-5-S	100	100	18.85	8.04	0	17	0.00 (13)	0.00 (13)	0.00 (13)
25-6-S	100	100	18.85	8.04	0	1172	0.00 (13)	0.00 (13)	0.00 (13)
25-7-S	100	100	18.85	8.04	0	7155	0.00 (13)	0.00 (13)	0.00 (13)
25-8-S	100	100	18.85	8.04	0	15720	0.00 (13)	0.00 (13)	0.00 (13)
25-9-S	100	100	18.85	8.04	0	24468	0.00 (13)	0.00 (13)	0.00 (13)
25-10-S	100	100	18.85	8.04	0	33234	0.00 (13)	0.00 (13)	0.00 (13)
25-11-S	100	100	18.85	8.04	0	41997	0.00 (13)	0.00 (13)	0.00 (13)
25-12-S	100	100	18.85	8.04	0	50756	0.00 (13)	0.00 (13)	0.00 (13)
25-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
25-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
25-15-S	100	100	18.85	8.04	0	7703	0.00 (13)	0.00 (13)	0.00 (13)
26-1-S	100	100	18.85	8.04	0	782	0.00 (13)	0.00 (13)	0.00 (13)
26-2-S	100	100	18.85	8.04	0	210	0.00 (13)	0.00 (13)	0.00 (13)
26-3-S	100	100	18.85	8.04	0	412	0.00 (13)	0.00 (13)	0.00 (13)
26-4-S	100	100	18.85	8.04	0	155	0.00 (13)	0.00 (13)	0.00 (13)
26-5-S	100	100	18.85	8.04	0	1	0.00 (13)	0.00 (13)	0.00 (13)
26-6-S	100	100	18.85	8.04	0	135	0.00 (13)	0.00 (13)	0.00 (13)
26-7-S	100	100	18.85	8.04	0	4620	0.00 (13)	0.00 (13)	0.00 (13)
26-8-S	100	100	18.85	8.04	0	14873	0.00 (13)	0.00 (13)	0.00 (13)
26-9-S	100	100	18.85	8.04	0	24164	0.00 (13)	0.00 (13)	0.00 (13)
26-10-S	100	100	18.85	8.04	0	33353	0.00 (13)	0.00 (13)	0.00 (13)
26-11-S	100	100	18.85	8.04	0	42776	0.00 (13)	0.00 (13)	0.00 (13)
26-12-S	100	100	18.85	8.04	0	52939	0.00 (13)	0.00 (13)	0.00 (13)
26-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
26-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
26-15-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)

Pali in c.a.

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1	1	116.80	89.17	1994.18		
1	2	116.80	85.37	1910.58		
1	3	116.80	81.57	1826.98		
1	4	116.80	77.77	1743.39		
1	5	116.80	73.97	1659.79		
1	6	116.80	70.17	1576.19		
1	7	116.80	66.37	1492.60		
1	8	116.80	62.57	1409.00		
1	9	116.80	58.77	1325.40		
1	10	116.80	54.97	1241.81		
1	11	116.80	51.17	1158.22		
1	12	116.80	47.37	1074.62		
1	13	116.80	43.57	991.03		
1	14	116.80	39.77	907.44		
1	15	116.80	35.97	823.85		
1	16	116.80	32.17	740.26		
1	17	116.80	28.37	656.67		
1	18	116.80	24.56	573.09		
1	19	116.80	20.76	489.52		
1	20	116.80	16.96	405.95		
1	21	116.80	13.16	322.40		
1	22	116.80	9.35	238.89		
1	23	116.80	6.15	155.46		
1	24	116.80	4.05	72.39		
1	25	116.80	2.46	67.40		
1	26	116.80	5.48	145.42		
1	27	116.80	9.33	223.88		
1	28	116.80	13.17	302.46		
1	29	116.80	17.00	381.07		
1	30	116.80	20.84	459.71		
1	31	116.80	24.67	538.36		
1	32	116.80	28.50	617.02		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	33	116.80	32.33	695.68		
1	34	116.80	36.16	774.34		
1	35	116.80	39.99	853.01		
1	36	116.80	43.82	931.29		
1	37	116.80	47.08	997.43		
1	38	116.80	49.82	1052.30		
1	39	116.80	52.06	1096.69		
1	40	116.80	53.85	1131.37		
1	41	116.80	55.22	1157.08		
1	42	116.80	56.20	1174.55		
1	43	116.80	56.83	1184.44		
1	44	116.80	57.13	1187.43		
1	45	116.80	57.13	1184.12		
1	46	116.80	56.88	1175.13		
1	47	116.80	56.38	1161.02		
1	48	116.80	55.66	1142.31		
1	49	116.80	54.76	1119.53		
1	50	116.80	53.68	1093.15		
1	51	116.80	52.46	1063.61		
1	52	116.80	51.11	1031.35		
1	53	116.80	49.65	996.75		
1	54	116.80	48.10	960.19		
1	55	116.80	46.48	922.00		
1	56	116.80	44.79	882.52		
1	57	116.80	43.05	842.04		
1	58	116.80	41.29	800.82		
1	59	116.80	39.50	759.12		
1	60	116.80	37.69	717.17		
1	61	116.80	35.89	675.18		
1	62	116.80	34.09	633.34		
1	63	116.80	32.30	591.83		
1	64	116.80	30.54	550.80		
1	65	116.80	28.81	510.40		
1	66	31.86	50.39	1319.50		
1	67	31.86	47.00	1202.43		
1	68	31.86	43.68	1088.29		
1	69	31.86	40.45	977.40		
1	70	31.86	37.31	870.03		
1	71	31.86	34.26	766.46		
1	72	31.86	31.31	666.99		
1	73	31.86	28.45	571.92		
1	74	31.86	25.70	492.43		
1	75	31.86	23.05	441.16		
1	76	31.86	20.52	392.78		
1	77	31.86	18.11	347.33		
1	78	31.86	15.84	304.79		
1	79	31.86	13.76	265.17		
1	80	31.86	11.92	228.47		
1	81	31.86	10.37	194.65		
1	82	31.86	9.12	163.69		
1	83	31.86	8.17	135.57		
1	84	31.86	7.44	110.24		
1	85	31.86	6.89	87.69		
1	86	31.86	6.45	80.52		
1	87	31.86	6.07	77.17		
1	88	31.86	5.73	74.25		
1	89	31.86	5.44	71.73		
1	90	31.86	5.18	69.61		
1	91	31.86	4.96	67.86		
1	92	31.86	4.78	66.48		
1	93	31.86	4.63	65.44		
1	94	31.86	4.51	64.73		
1	95	31.86	4.43	64.33		
1	96	31.86	4.38	64.23		
1	97	31.86	4.35	64.41		
1	98	31.86	4.36	64.86		
1	99	31.86	4.38	65.56		
1	100	31.86	4.44	66.48		
1	101	31.86	4.51	67.62		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
2	1	116.80	92.01	1392.82		
2	2	116.80	88.16	1311.61		
2	3	116.80	84.31	1230.53		
2	4	116.80	80.46	1149.60		
2	5	116.80	76.61	1068.87		
2	6	116.80	72.75	988.35		
2	7	116.80	68.89	908.10		
2	8	116.80	65.02	828.18		
2	9	116.80	61.15	748.67		
2	10	116.80	57.28	669.67		
2	11	116.80	53.41	599.74		
2	12	116.80	49.53	561.20		
2	13	116.80	45.66	522.52		
2	14	116.80	41.79	483.72		
2	15	116.80	37.94	444.84		
2	16	116.80	34.13	406.01		
2	17	116.80	30.39	367.50		
2	18	116.80	26.78	329.80		
2	19	116.80	23.39	293.74		
2	20	116.80	20.32	260.37		
2	21	116.80	17.62	230.46		
2	22	116.80	15.10	202.24		
2	23	116.80	12.58	174.03		
2	24	116.80	10.05	145.82		
2	25	116.80	10.00	145.26		
2	26	116.80	12.56	174.04		
2	27	116.80	15.12	202.82		
2	28	116.80	17.68	231.61		
2	29	116.80	20.38	261.75		
2	30	116.80	23.43	295.15		
2	31	116.80	26.79	331.23		
2	32	116.80	30.38	369.00		
2	33	116.80	34.09	407.69		
2	34	116.80	37.89	446.78		
2	35	116.80	41.73	485.98		
2	36	116.80	45.59	525.06		
2	37	116.80	48.89	558.25		
2	38	116.80	51.65	585.97		
2	39	116.80	53.92	608.62		
2	40	116.80	55.72	626.61		
2	41	116.80	57.09	640.31		
2	42	116.80	58.07	657.05		
2	43	116.80	58.69	669.29		
2	44	116.80	58.98	675.00		
2	45	116.80	58.97	674.76		
2	46	116.80	58.69	669.16		
2	47	116.80	58.16	658.73		
2	48	116.80	57.42	644.00		
2	49	116.80	56.48	634.19		
2	50	116.80	55.37	623.11		
2	51	116.80	54.11	610.51		
2	52	116.80	52.72	596.60		
2	53	116.80	51.22	581.56		
2	54	116.80	49.62	565.56		
2	55	116.80	47.95	548.76		
2	56	116.80	46.22	531.32		
2	57	116.80	44.45	513.38		
2	58	116.80	42.64	495.07		
2	59	116.80	40.82	476.52		
2	60	116.80	38.99	457.84		
2	61	116.80	37.16	439.15		
2	62	116.80	35.36	420.56		
2	63	116.80	33.58	402.18		
2	64	116.80	31.84	384.12		
2	65	116.80	30.15	366.48		
2	66	31.86	37.97	415.45		
2	67	31.86	35.40	394.05		
2	68	31.86	33.05	373.97		
2	69	31.86	30.92	355.29		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2	70	31.86	29.01	338.07		
2	71	31.86	27.29	322.28		
2	72	31.86	25.76	307.87		
2	73	31.86	24.38	294.74		
2	74	31.86	23.15	282.77		
2	75	31.86	22.04	271.83		
2	76	31.86	21.02	261.69		
2	77	31.86	20.05	252.07		
2	78	31.86	19.13	242.95		
2	79	31.86	18.27	234.32		
2	80	31.86	17.45	226.17		
2	81	31.86	16.68	218.50		
2	82	31.86	15.96	211.31		
2	83	31.86	15.29	204.58		
2	84	31.86	14.67	198.30		
2	85	31.86	14.09	192.47		
2	86	31.86	13.56	187.06		
2	87	31.86	13.07	182.08		
2	88	31.86	12.62	177.49		
2	89	31.86	12.21	173.30		
2	90	31.86	11.84	169.48		
2	91	31.86	11.50	166.02		
2	92	31.86	11.21	162.91		
2	93	31.86	10.94	160.12		
2	94	31.86	10.71	157.65		
2	95	31.86	10.51	155.47		
2	96	31.86	10.33	153.56		
2	97	31.86	10.19	151.93		
2	98	31.86	10.07	150.53		
2	99	31.86	9.97	149.37		
2	100	31.86	9.90	148.42		
2	101	31.86	9.84	147.67		

Combinazioni SLEQ

Paramento

Tensione massima di compressione nel calcestruzzo	152.34	[kg/cmq]
Tensione massima di trazione dell'acciaio	4588.00	[kg/cmq]

n°	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1	100	40	12.57	12.57	0	0	0.00 (15)	0.00 (15)	0.00 (15)
2	100	42	12.57	12.57	-1	281	0.07 (15)	0.97 (15)	0.88 (15)
3	100	43	12.57	12.57	-5	573	0.13 (15)	1.98 (15)	1.67 (15)
4	100	45	12.57	12.57	-11	877	0.21 (15)	3.03 (15)	2.36 (15)
5	100	47	12.57	12.57	-20	1193	0.28 (15)	4.11 (15)	2.97 (15)
6	100	48	12.57	12.57	-31	1520	0.36 (15)	5.22 (15)	3.52 (15)
7	100	50	12.57	12.57	-45	1858	0.44 (15)	6.35 (15)	4.00 (15)
8	100	52	12.57	12.57	-62	2208	0.52 (15)	7.49 (15)	4.44 (15)
9	100	53	12.57	12.57	-82	2570	0.60 (15)	8.65 (15)	4.82 (15)
10	100	55	12.57	12.57	-105	2943	0.68 (15)	9.82 (15)	5.17 (15)
11	100	57	12.57	12.57	-132	3328	0.76 (15)	10.99 (15)	5.49 (15)
12	100	59	12.57	12.57	-157	3725	0.84 (15)	12.09 (15)	5.85 (15)
13	100	60	12.57	12.57	-169	4133	0.89 (15)	12.88 (15)	6.51 (15)
14	100	62	12.57	12.57	-150	4552	0.90 (15)	13.11 (15)	7.70 (15)
15	100	64	12.57	12.57	-87	4983	0.85 (15)	12.60 (15)	9.61 (15)
16	100	65	12.57	12.57	37	5426	0.83 (15)	11.18 (15)	12.41 (15)
17	100	67	12.57	12.57	238	5880	1.11 (15)	8.75 (15)	16.21 (15)
18	100	69	12.57	12.57	532	6346	1.48 (15)	5.20 (15)	21.11 (15)
19	100	70	12.57	12.57	933	6823	1.93 (15)	0.35 (15)	27.24 (15)
20	100	72	12.57	12.57	1458	7312	2.61 (15)	10.63 (15)	36.28 (15)

n°	B	H	Afi	Afs	M	N	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kg/cmq]	[kg/cmq]	[kg/cmq]
21	100	74	12.57	12.57	2122	7813	3.69 (15)	37.58 (15)	50.03 (15)

Piastra fondazione

Tensione massima di compressione nel calcestruzzo	203.12	[kg/cmq]
Tensione massima di trazione dell'acciaio	3670.40	[kg/cmq]

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-1-P	93	100	8.04	8.04	0	1374	0.00 (13)	0.00 (13)	0.00 (13)
1-2-P	93	100	8.04	8.04	0	760	0.00 (13)	0.00 (13)	0.00 (13)
1-3-P	93	100	8.04	8.04	0	15	0.00 (13)	0.00 (13)	0.00 (13)
1-4-P	93	100	8.04	8.04	0	4	0.00 (13)	0.00 (13)	0.00 (13)
1-5-P	93	100	8.04	8.04	0	15	0.00 (13)	0.00 (13)	0.00 (13)
1-6-P	93	100	8.04	8.04	0	2954	0.00 (13)	0.00 (13)	0.00 (13)
1-7-P	93	100	8.04	8.04	0	3010	0.00 (13)	0.00 (13)	0.00 (13)
1-8-P	93	100	8.04	8.04	0	4402	0.00 (13)	0.00 (13)	0.00 (13)
1-9-P	93	100	8.04	8.04	0	4384	0.00 (13)	0.00 (13)	0.00 (13)
1-10-P	93	100	8.04	8.04	0	3598	0.00 (13)	0.00 (13)	0.00 (13)
1-11-P	93	100	8.04	8.04	0	2348	0.00 (13)	0.00 (13)	0.00 (13)
1-12-P	93	100	8.04	8.04	0	78	0.00 (13)	0.00 (13)	0.00 (13)
1-13-P	93	100	8.04	8.04	0	132	0.00 (13)	0.00 (13)	0.00 (13)
1-14-P	93	100	8.04	8.04	0	36	0.00 (13)	0.00 (13)	0.00 (13)
1-15-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-16-P	93	100	8.04	8.04	0	3172	0.00 (13)	0.00 (13)	0.00 (13)
1-17-P	93	100	8.04	8.04	0	3737	0.00 (13)	0.00 (13)	0.00 (13)
1-18-P	93	100	8.04	8.04	0	5268	0.00 (13)	0.00 (13)	0.00 (13)
1-19-P	93	100	8.04	8.04	0	3814	0.00 (13)	0.00 (13)	0.00 (13)
1-20-P	93	100	8.04	8.04	0	3263	0.00 (13)	0.00 (13)	0.00 (13)
1-21-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-22-P	93	100	8.04	8.04	0	33	0.00 (13)	0.00 (13)	0.00 (13)
1-23-P	93	100	8.04	8.04	0	94	0.00 (13)	0.00 (13)	0.00 (13)
1-24-P	93	100	8.04	8.04	0	40	0.00 (13)	0.00 (13)	0.00 (13)
1-25-P	93	100	8.04	8.04	0	1862	0.00 (13)	0.00 (13)	0.00 (13)
1-26-P	93	100	8.04	8.04	0	3040	0.00 (13)	0.00 (13)	0.00 (13)
1-27-P	93	100	8.04	8.04	0	3925	0.00 (13)	0.00 (13)	0.00 (13)
1-28-P	93	100	8.04	8.04	0	4212	0.00 (13)	0.00 (13)	0.00 (13)
1-29-P	93	100	8.04	8.04	0	3164	0.00 (13)	0.00 (13)	0.00 (13)
1-30-P	93	100	8.04	8.04	0	3133	0.00 (13)	0.00 (13)	0.00 (13)
1-31-P	93	100	8.04	8.04	0	34	0.00 (13)	0.00 (13)	0.00 (13)
1-32-P	93	100	8.04	8.04	0	59	0.00 (13)	0.00 (13)	0.00 (13)
1-33-P	93	100	8.04	8.04	0	36	0.00 (13)	0.00 (13)	0.00 (13)
1-34-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-35-P	93	100	8.04	8.04	0	3021	0.00 (13)	0.00 (13)	0.00 (13)
1-36-P	93	100	8.04	8.04	0	3215	0.00 (13)	0.00 (13)	0.00 (13)
1-37-P	93	100	8.04	8.04	0	4439	0.00 (13)	0.00 (13)	0.00 (13)
1-38-P	93	100	8.04	8.04	0	3579	0.00 (13)	0.00 (13)	0.00 (13)
1-39-P	93	100	8.04	8.04	0	2922	0.00 (13)	0.00 (13)	0.00 (13)
1-40-P	93	100	8.04	8.04	0	584	0.00 (13)	0.00 (13)	0.00 (13)
1-41-P	93	100	8.04	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
1-42-P	93	100	8.04	8.04	0	115	0.00 (13)	0.00 (13)	0.00 (13)
1-43-P	93	100	8.04	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
1-44-P	93	100	8.04	8.04	0	584	0.00 (13)	0.00 (13)	0.00 (13)
1-45-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-46-P	93	100	8.04	8.04	0	3579	0.00 (13)	0.00 (13)	0.00 (13)
1-47-P	93	100	8.04	8.04	0	4439	0.00 (13)	0.00 (13)	0.00 (13)
1-48-P	93	100	8.04	8.04	0	3215	0.00 (13)	0.00 (13)	0.00 (13)
1-49-P	93	100	8.04	8.04	0	3021	0.00 (13)	0.00 (13)	0.00 (13)
1-50-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-51-P	93	100	8.04	8.04	0	36	0.00 (13)	0.00 (13)	0.00 (13)
1-52-P	93	100	8.04	8.04	0	59	0.00 (13)	0.00 (13)	0.00 (13)
1-53-P	93	100	8.04	8.04	0	34	0.00 (13)	0.00 (13)	0.00 (13)
1-54-P	93	100	8.04	8.04	0	3134	0.00 (13)	0.00 (13)	0.00 (13)
1-55-P	93	100	8.04	8.04	0	3166	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1-56-P	93	100	8.04	8.04	0	4215	0.00 (13)	0.00 (13)	0.00 (13)
1-57-P	93	100	8.04	8.04	0	3928	0.00 (13)	0.00 (13)	0.00 (13)
1-58-P	93	100	8.04	8.04	0	3042	0.00 (13)	0.00 (13)	0.00 (13)
1-59-P	93	100	8.04	8.04	0	1864	0.00 (13)	0.00 (13)	0.00 (13)
1-60-P	93	100	8.04	8.04	0	40	0.00 (13)	0.00 (13)	0.00 (13)
1-61-P	93	100	8.04	8.04	0	95	0.00 (13)	0.00 (13)	0.00 (13)
1-62-P	93	100	8.04	8.04	0	34	0.00 (13)	0.00 (13)	0.00 (13)
1-63-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-64-P	93	100	8.04	8.04	0	3271	0.00 (13)	0.00 (13)	0.00 (13)
1-65-P	93	100	8.04	8.04	0	3828	0.00 (13)	0.00 (13)	0.00 (13)
1-66-P	93	100	8.04	8.04	0	5284	0.00 (13)	0.00 (13)	0.00 (13)
1-67-P	93	100	8.04	8.04	0	3751	0.00 (13)	0.00 (13)	0.00 (13)
1-68-P	93	100	8.04	8.04	0	3182	0.00 (13)	0.00 (13)	0.00 (13)
1-69-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
1-70-P	93	100	8.04	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
1-71-P	93	100	8.04	8.04	0	135	0.00 (13)	0.00 (13)	0.00 (13)
1-72-P	93	100	8.04	8.04	0	80	0.00 (13)	0.00 (13)	0.00 (13)
1-73-P	93	100	8.04	8.04	0	2371	0.00 (13)	0.00 (13)	0.00 (13)
1-74-P	93	100	8.04	8.04	0	3630	0.00 (13)	0.00 (13)	0.00 (13)
1-75-P	93	100	8.04	8.04	0	4419	0.00 (13)	0.00 (13)	0.00 (13)
1-76-P	93	100	8.04	8.04	0	4437	0.00 (13)	0.00 (13)	0.00 (13)
1-77-P	93	100	8.04	8.04	0	3037	0.00 (13)	0.00 (13)	0.00 (13)
1-78-P	93	100	8.04	8.04	0	2972	0.00 (13)	0.00 (13)	0.00 (13)
1-79-P	93	100	8.04	8.04	0	15	0.00 (13)	0.00 (13)	0.00 (13)
1-80-P	93	100	8.04	8.04	0	4	0.00 (13)	0.00 (13)	0.00 (13)
1-81-P	93	100	8.04	8.04	0	15	0.00 (13)	0.00 (13)	0.00 (13)
1-82-P	93	100	8.04	8.04	0	757	0.00 (13)	0.00 (13)	0.00 (13)
1-83-P	93	100	8.04	8.04	0	1377	0.00 (13)	0.00 (13)	0.00 (13)
1-84-P	93	100	8.04	8.04	0	1722	0.00 (13)	0.00 (13)	0.00 (13)
1-85-P	93	100	8.04	8.04	0	506	0.00 (13)	0.00 (13)	0.00 (13)
2-1-P	93	100	8.04	8.04	0	238	0.00 (13)	0.00 (13)	0.00 (13)
2-2-P	93	100	8.04	8.04	0	65	0.00 (13)	0.00 (13)	0.00 (13)
2-3-P	93	100	8.04	8.04	0	59	0.00 (13)	0.00 (13)	0.00 (13)
2-4-P	93	100	8.04	8.04	0	180	0.00 (13)	0.00 (13)	0.00 (13)
2-5-P	93	100	8.04	8.04	0	470	0.00 (13)	0.00 (13)	0.00 (13)
2-6-P	93	100	8.04	8.04	0	1569	0.00 (13)	0.00 (13)	0.00 (13)
2-7-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
2-8-P	93	100	8.04	8.04	0	3682	0.00 (13)	0.00 (13)	0.00 (13)
2-9-P	93	100	8.04	8.04	0	3569	0.00 (13)	0.00 (13)	0.00 (13)
2-10-P	93	100	8.04	8.04	0	2663	0.00 (13)	0.00 (13)	0.00 (13)
2-11-P	93	100	8.04	8.04	0	1571	0.00 (13)	0.00 (13)	0.00 (13)
2-12-P	93	100	8.04	8.04	0	594	0.00 (13)	0.00 (13)	0.00 (13)
2-13-P	93	100	8.04	8.04	0	341	0.00 (13)	0.00 (13)	0.00 (13)
2-14-P	93	100	8.04	8.04	0	451	0.00 (13)	0.00 (13)	0.00 (13)
2-15-P	93	100	8.04	8.04	0	847	0.00 (13)	0.00 (13)	0.00 (13)
2-16-P	93	100	8.04	8.04	0	1971	0.00 (13)	0.00 (13)	0.00 (13)
2-17-P	93	100	8.04	8.04	0	2889	0.00 (13)	0.00 (13)	0.00 (13)
2-18-P	93	100	8.04	8.04	0	3966	0.00 (13)	0.00 (13)	0.00 (13)
2-19-P	93	100	8.04	8.04	0	2860	0.00 (13)	0.00 (13)	0.00 (13)
2-20-P	93	100	8.04	8.04	0	1928	0.00 (13)	0.00 (13)	0.00 (13)
2-21-P	93	100	8.04	8.04	0	742	0.00 (13)	0.00 (13)	0.00 (13)
2-22-P	93	100	8.04	8.04	0	379	0.00 (13)	0.00 (13)	0.00 (13)
2-23-P	93	100	8.04	8.04	0	252	0.00 (13)	0.00 (13)	0.00 (13)
2-24-P	93	100	8.04	8.04	0	445	0.00 (13)	0.00 (13)	0.00 (13)
2-25-P	93	100	8.04	8.04	0	1083	0.00 (13)	0.00 (13)	0.00 (13)
2-26-P	93	100	8.04	8.04	0	2045	0.00 (13)	0.00 (13)	0.00 (13)
2-27-P	93	100	8.04	8.04	0	3013	0.00 (13)	0.00 (13)	0.00 (13)
2-28-P	93	100	8.04	8.04	0	3222	0.00 (13)	0.00 (13)	0.00 (13)
2-29-P	93	100	8.04	8.04	0	2204	0.00 (13)	0.00 (13)	0.00 (13)
2-30-P	93	100	8.04	8.04	0	1469	0.00 (13)	0.00 (13)	0.00 (13)
2-31-P	93	100	8.04	8.04	0	472	0.00 (13)	0.00 (13)	0.00 (13)
2-32-P	93	100	8.04	8.04	0	265	0.00 (13)	0.00 (13)	0.00 (13)
2-33-P	93	100	8.04	8.04	0	301	0.00 (13)	0.00 (13)	0.00 (13)
2-34-P	93	100	8.04	8.04	0	554	0.00 (13)	0.00 (13)	0.00 (13)
2-35-P	93	100	8.04	8.04	0	1512	0.00 (13)	0.00 (13)	0.00 (13)
2-36-P	93	100	8.04	8.04	0	2327	0.00 (13)	0.00 (13)	0.00 (13)
2-37-P	93	100	8.04	8.04	0	3371	0.00 (13)	0.00 (13)	0.00 (13)
2-38-P	93	100	8.04	8.04	0	2718	0.00 (13)	0.00 (13)	0.00 (13)
2-39-P	93	100	8.04	8.04	0	1785	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
2-40-P	93	100	8.04	8.04	0	759	0.00 (13)	0.00 (13)	0.00 (13)
2-41-P	93	100	8.04	8.04	0	380	0.00 (13)	0.00 (13)	0.00 (13)
2-42-P	93	100	8.04	8.04	0	195	0.00 (13)	0.00 (13)	0.00 (13)
2-43-P	93	100	8.04	8.04	0	380	0.00 (13)	0.00 (13)	0.00 (13)
2-44-P	93	100	8.04	8.04	0	759	0.00 (13)	0.00 (13)	0.00 (13)
2-45-P	93	100	8.04	8.04	0	1785	0.00 (13)	0.00 (13)	0.00 (13)
2-46-P	93	100	8.04	8.04	0	2718	0.00 (13)	0.00 (13)	0.00 (13)
2-47-P	93	100	8.04	8.04	0	3371	0.00 (13)	0.00 (13)	0.00 (13)
2-48-P	93	100	8.04	8.04	0	2327	0.00 (13)	0.00 (13)	0.00 (13)
2-49-P	93	100	8.04	8.04	0	1512	0.00 (13)	0.00 (13)	0.00 (13)
2-50-P	93	100	8.04	8.04	0	554	0.00 (13)	0.00 (13)	0.00 (13)
2-51-P	93	100	8.04	8.04	0	301	0.00 (13)	0.00 (13)	0.00 (13)
2-52-P	93	100	8.04	8.04	0	265	0.00 (13)	0.00 (13)	0.00 (13)
2-53-P	93	100	8.04	8.04	0	472	0.00 (13)	0.00 (13)	0.00 (13)
2-54-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
2-55-P	93	100	8.04	8.04	0	2205	0.00 (13)	0.00 (13)	0.00 (13)
2-56-P	93	100	8.04	8.04	0	3223	0.00 (13)	0.00 (13)	0.00 (13)
2-57-P	93	100	8.04	8.04	0	3015	0.00 (13)	0.00 (13)	0.00 (13)
2-58-P	93	100	8.04	8.04	0	2047	0.00 (13)	0.00 (13)	0.00 (13)
2-59-P	93	100	8.04	8.04	0	1084	0.00 (13)	0.00 (13)	0.00 (13)
2-60-P	93	100	8.04	8.04	0	446	0.00 (13)	0.00 (13)	0.00 (13)
2-61-P	93	100	8.04	8.04	0	253	0.00 (13)	0.00 (13)	0.00 (13)
2-62-P	93	100	8.04	8.04	0	380	0.00 (13)	0.00 (13)	0.00 (13)
2-63-P	93	100	8.04	8.04	0	745	0.00 (13)	0.00 (13)	0.00 (13)
2-64-P	93	100	8.04	8.04	0	1936	0.00 (13)	0.00 (13)	0.00 (13)
2-65-P	93	100	8.04	8.04	0	2870	0.00 (13)	0.00 (13)	0.00 (13)
2-66-P	93	100	8.04	8.04	0	3978	0.00 (13)	0.00 (13)	0.00 (13)
2-67-P	93	100	8.04	8.04	0	2902	0.00 (13)	0.00 (13)	0.00 (13)
2-68-P	93	100	8.04	8.04	0	1984	0.00 (13)	0.00 (13)	0.00 (13)
2-69-P	93	100	8.04	8.04	0	853	0.00 (13)	0.00 (13)	0.00 (13)
2-70-P	93	100	8.04	8.04	0	456	0.00 (13)	0.00 (13)	0.00 (13)
2-71-P	93	100	8.04	8.04	0	345	0.00 (13)	0.00 (13)	0.00 (13)
2-72-P	93	100	8.04	8.04	0	601	0.00 (13)	0.00 (13)	0.00 (13)
2-73-P	93	100	8.04	8.04	0	1594	0.00 (13)	0.00 (13)	0.00 (13)
2-74-P	93	100	8.04	8.04	0	2695	0.00 (13)	0.00 (13)	0.00 (13)
2-75-P	93	100	8.04	8.04	0	3603	0.00 (13)	0.00 (13)	0.00 (13)
2-76-P	93	100	8.04	8.04	0	3716	0.00 (13)	0.00 (13)	0.00 (13)
2-77-P	93	100	8.04	8.04	0	2523	0.00 (13)	0.00 (13)	0.00 (13)
2-78-P	93	100	8.04	8.04	0	1587	0.00 (13)	0.00 (13)	0.00 (13)
2-79-P	93	100	8.04	8.04	0	484	0.00 (13)	0.00 (13)	0.00 (13)
2-80-P	93	100	8.04	8.04	0	193	0.00 (13)	0.00 (13)	0.00 (13)
2-81-P	93	100	8.04	8.04	0	116	0.00 (13)	0.00 (13)	0.00 (13)
2-82-P	93	100	8.04	8.04	0	108	0.00 (13)	0.00 (13)	0.00 (13)
2-83-P	93	100	8.04	8.04	0	285	0.00 (13)	0.00 (13)	0.00 (13)
2-84-P	93	100	8.04	8.04	0	474	0.00 (13)	0.00 (13)	0.00 (13)
2-85-P	93	100	8.04	8.04	0	6894	0.00 (13)	0.00 (13)	0.00 (13)
3-1-P	93	100	8.04	8.04	0	6735	0.00 (13)	0.00 (13)	0.00 (13)
3-2-P	93	100	8.04	8.04	0	5202	0.00 (13)	0.00 (13)	0.00 (13)
3-3-P	93	100	8.04	8.04	0	7475	0.00 (13)	0.00 (13)	0.00 (13)
3-4-P	93	100	8.04	8.04	0	8260	0.00 (13)	0.00 (13)	0.00 (13)
3-5-P	93	100	8.04	8.04	0	8776	0.00 (13)	0.00 (13)	0.00 (13)
3-6-P	93	100	8.04	8.04	0	9293	0.00 (13)	0.00 (13)	0.00 (13)
3-7-P	93	100	8.04	8.04	0	9454	0.00 (13)	0.00 (13)	0.00 (13)
3-8-P	93	100	8.04	8.04	0	9613	0.00 (13)	0.00 (13)	0.00 (13)
3-9-P	93	100	8.04	8.04	0	9548	0.00 (13)	0.00 (13)	0.00 (13)
3-10-P	93	100	8.04	8.04	0	9333	0.00 (13)	0.00 (13)	0.00 (13)
3-11-P	93	100	8.04	8.04	0	9103	0.00 (13)	0.00 (13)	0.00 (13)
3-12-P	93	100	8.04	8.04	0	8813	0.00 (13)	0.00 (13)	0.00 (13)
3-13-P	93	100	8.04	8.04	0	8522	0.00 (13)	0.00 (13)	0.00 (13)
3-14-P	93	100	8.04	8.04	0	8592	0.00 (13)	0.00 (13)	0.00 (13)
3-15-P	93	100	8.04	8.04	0	8751	0.00 (13)	0.00 (13)	0.00 (13)
3-16-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
3-17-P	93	100	8.04	8.04	0	8989	0.00 (13)	0.00 (13)	0.00 (13)
3-18-P	93	100	8.04	8.04	0	9091	0.00 (13)	0.00 (13)	0.00 (13)
3-19-P	93	100	8.04	8.04	0	8907	0.00 (13)	0.00 (13)	0.00 (13)
3-20-P	93	100	8.04	8.04	0	8723	0.00 (13)	0.00 (13)	0.00 (13)
3-21-P	93	100	8.04	8.04	0	8503	0.00 (13)	0.00 (13)	0.00 (13)
3-22-P	93	100	8.04	8.04	0	8258	0.00 (13)	0.00 (13)	0.00 (13)
3-23-P	93	100	8.04	8.04	0	8103	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
3-24-P	93	100	8.04	8.04	0	8306	0.00 (13)	0.00 (13)	0.00 (13)
3-25-P	93	100	8.04	8.04	0	8508	0.00 (13)	0.00 (13)	0.00 (13)
3-26-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-27-P	93	100	8.04	8.04	0	8796	0.00 (13)	0.00 (13)	0.00 (13)
3-28-P	93	100	8.04	8.04	0	8815	0.00 (13)	0.00 (13)	0.00 (13)
3-29-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-30-P	93	100	8.04	8.04	0	8502	0.00 (13)	0.00 (13)	0.00 (13)
3-31-P	93	100	8.04	8.04	0	8277	0.00 (13)	0.00 (13)	0.00 (13)
3-32-P	93	100	8.04	8.04	0	8052	0.00 (13)	0.00 (13)	0.00 (13)
3-33-P	93	100	8.04	8.04	0	8093	0.00 (13)	0.00 (13)	0.00 (13)
3-34-P	93	100	8.04	8.04	0	8310	0.00 (13)	0.00 (13)	0.00 (13)
3-35-P	93	100	8.04	8.04	0	8513	0.00 (13)	0.00 (13)	0.00 (13)
3-36-P	93	100	8.04	8.04	0	8660	0.00 (13)	0.00 (13)	0.00 (13)
3-37-P	93	100	8.04	8.04	0	8806	0.00 (13)	0.00 (13)	0.00 (13)
3-38-P	93	100	8.04	8.04	0	8716	0.00 (13)	0.00 (13)	0.00 (13)
3-39-P	93	100	8.04	8.04	0	8566	0.00 (13)	0.00 (13)	0.00 (13)
3-40-P	93	100	8.04	8.04	0	8388	0.00 (13)	0.00 (13)	0.00 (13)
3-41-P	93	100	8.04	8.04	0	8168	0.00 (13)	0.00 (13)	0.00 (13)
3-42-P	93	100	8.04	8.04	0	7948	0.00 (13)	0.00 (13)	0.00 (13)
3-43-P	93	100	8.04	8.04	0	8168	0.00 (13)	0.00 (13)	0.00 (13)
3-44-P	93	100	8.04	8.04	0	8388	0.00 (13)	0.00 (13)	0.00 (13)
3-45-P	93	100	8.04	8.04	0	8566	0.00 (13)	0.00 (13)	0.00 (13)
3-46-P	93	100	8.04	8.04	0	8716	0.00 (13)	0.00 (13)	0.00 (13)
3-47-P	93	100	8.04	8.04	0	8806	0.00 (13)	0.00 (13)	0.00 (13)
3-48-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-49-P	93	100	8.04	8.04	0	8512	0.00 (13)	0.00 (13)	0.00 (13)
3-50-P	93	100	8.04	8.04	0	8310	0.00 (13)	0.00 (13)	0.00 (13)
3-51-P	93	100	8.04	8.04	0	8093	0.00 (13)	0.00 (13)	0.00 (13)
3-52-P	93	100	8.04	8.04	0	8052	0.00 (13)	0.00 (13)	0.00 (13)
3-53-P	93	100	8.04	8.04	0	8277	0.00 (13)	0.00 (13)	0.00 (13)
3-54-P	93	100	8.04	8.04	0	8503	0.00 (13)	0.00 (13)	0.00 (13)
3-55-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-56-P	93	100	8.04	8.04	0	8816	0.00 (13)	0.00 (13)	0.00 (13)
3-57-P	93	100	8.04	8.04	0	8796	0.00 (13)	0.00 (13)	0.00 (13)
3-58-P	93	100	8.04	8.04	0	8659	0.00 (13)	0.00 (13)	0.00 (13)
3-59-P	93	100	8.04	8.04	0	8509	0.00 (13)	0.00 (13)	0.00 (13)
3-60-P	93	100	8.04	8.04	0	8307	0.00 (13)	0.00 (13)	0.00 (13)
3-61-P	93	100	8.04	8.04	0	8105	0.00 (13)	0.00 (13)	0.00 (13)
3-62-P	93	100	8.04	8.04	0	8261	0.00 (13)	0.00 (13)	0.00 (13)
3-63-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
3-64-P	93	100	8.04	8.04	0	8727	0.00 (13)	0.00 (13)	0.00 (13)
3-65-P	93	100	8.04	8.04	0	8912	0.00 (13)	0.00 (13)	0.00 (13)
3-66-P	93	100	8.04	8.04	0	9097	0.00 (13)	0.00 (13)	0.00 (13)
3-67-P	93	100	8.04	8.04	0	8997	0.00 (13)	0.00 (13)	0.00 (13)
3-68-P	93	100	8.04	8.04	0	8897	0.00 (13)	0.00 (13)	0.00 (13)
3-69-P	93	100	8.04	8.04	0	8762	0.00 (13)	0.00 (13)	0.00 (13)
3-70-P	93	100	8.04	8.04	0	8606	0.00 (13)	0.00 (13)	0.00 (13)
3-71-P	93	100	8.04	8.04	0	8539	0.00 (13)	0.00 (13)	0.00 (13)
3-72-P	93	100	8.04	8.04	0	8833	0.00 (13)	0.00 (13)	0.00 (13)
3-73-P	93	100	8.04	8.04	0	9126	0.00 (13)	0.00 (13)	0.00 (13)
3-74-P	93	100	8.04	8.04	0	9360	0.00 (13)	0.00 (13)	0.00 (13)
3-75-P	93	100	8.04	8.04	0	9578	0.00 (13)	0.00 (13)	0.00 (13)
3-76-P	93	100	8.04	8.04	0	9642	0.00 (13)	0.00 (13)	0.00 (13)
3-77-P	93	100	8.04	8.04	0	9478	0.00 (13)	0.00 (13)	0.00 (13)
3-78-P	93	100	8.04	8.04	0	9312	0.00 (13)	0.00 (13)	0.00 (13)
3-79-P	93	100	8.04	8.04	0	8672	0.00 (13)	0.00 (13)	0.00 (13)
3-80-P	93	100	8.04	8.04	0	8033	0.00 (13)	0.00 (13)	0.00 (13)
3-81-P	93	100	8.04	8.04	0	7034	0.00 (13)	0.00 (13)	0.00 (13)
3-82-P	93	100	8.04	8.04	0	5795	0.00 (13)	0.00 (13)	0.00 (13)
3-83-P	93	100	8.04	8.04	0	4598	0.00 (13)	0.00 (13)	0.00 (13)
3-84-P	93	100	8.04	8.04	0	3411	0.00 (13)	0.00 (13)	0.00 (13)
3-85-P	93	100	8.04	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-1-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-2-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-3-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-4-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-5-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-6-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-7-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-8-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-9-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-10-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-11-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-12-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-13-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-14-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-15-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-16-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-17-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-18-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-19-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-20-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-21-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-22-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-23-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-24-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-25-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-26-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-27-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-28-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-29-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-30-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-31-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-32-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-33-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-34-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-35-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-36-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-37-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-38-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-39-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-40-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-41-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-42-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-43-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-44-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-45-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-46-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-47-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-48-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-49-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-50-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-51-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-52-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-53-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-54-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-55-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-56-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-57-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-58-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-59-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-60-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-61-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-62-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-63-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-64-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-65-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-66-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-67-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-68-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-69-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-70-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-71-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-72-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-73-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-74-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-75-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-76-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
5-77-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-78-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-79-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-80-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-81-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-82-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-83-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-84-P	10	100	4.02	4.02	0	0	0.00 (13)	0.00 (13)	0.00 (13)
5-85-P	10	100	4.02	4.02	0	7708	0.00 (13)	0.00 (13)	0.00 (13)
6-1-S	100	100	18.85	8.04	0	785	0.00 (13)	0.00 (13)	0.00 (13)
6-2-S	100	100	18.85	8.04	0	208	0.00 (13)	0.00 (13)	0.00 (13)
6-3-S	100	100	18.85	8.04	0	414	0.00 (13)	0.00 (13)	0.00 (13)
6-4-S	100	100	18.85	8.04	0	167	0.00 (13)	0.00 (13)	0.00 (13)
6-5-S	100	100	18.85	8.04	0	9	0.00 (13)	0.00 (13)	0.00 (13)
6-6-S	100	100	18.85	8.04	0	119	0.00 (13)	0.00 (13)	0.00 (13)
6-7-S	100	100	18.85	8.04	0	4446	0.00 (13)	0.00 (13)	0.00 (13)
6-8-S	100	100	18.85	8.04	0	14510	0.00 (13)	0.00 (13)	0.00 (13)
6-9-S	100	100	18.85	8.04	0	24117	0.00 (13)	0.00 (13)	0.00 (13)
6-10-S	100	100	18.85	8.04	0	33673	0.00 (13)	0.00 (13)	0.00 (13)
6-11-S	100	100	18.85	8.04	0	43212	0.00 (13)	0.00 (13)	0.00 (13)
6-12-S	100	100	18.85	8.04	0	52785	0.00 (13)	0.00 (13)	0.00 (13)
6-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
6-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
6-15-S	100	100	18.85	8.04	0	2878	0.00 (13)	0.00 (13)	0.00 (13)
7-1-S	100	100	18.85	8.04	0	60	0.00 (13)	0.00 (13)	0.00 (13)
7-2-S	100	100	18.85	8.04	0	402	0.00 (13)	0.00 (13)	0.00 (13)
7-3-S	100	100	18.85	8.04	0	559	0.00 (13)	0.00 (13)	0.00 (13)
7-4-S	100	100	18.85	8.04	0	246	0.00 (13)	0.00 (13)	0.00 (13)
7-5-S	100	100	18.85	8.04	0	18	0.00 (13)	0.00 (13)	0.00 (13)
7-6-S	100	100	18.85	8.04	0	1165	0.00 (13)	0.00 (13)	0.00 (13)
7-7-S	100	100	18.85	8.04	0	7134	0.00 (13)	0.00 (13)	0.00 (13)
7-8-S	100	100	18.85	8.04	0	15694	0.00 (13)	0.00 (13)	0.00 (13)
7-9-S	100	100	18.85	8.04	0	24423	0.00 (13)	0.00 (13)	0.00 (13)
7-10-S	100	100	18.85	8.04	0	33167	0.00 (13)	0.00 (13)	0.00 (13)
7-11-S	100	100	18.85	8.04	0	41890	0.00 (13)	0.00 (13)	0.00 (13)
7-12-S	100	100	18.85	8.04	0	50546	0.00 (13)	0.00 (13)	0.00 (13)
7-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
7-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
7-15-S	100	100	18.85	8.04	0	751	0.00 (13)	0.00 (13)	0.00 (13)
8-1-S	100	100	18.85	8.04	0	257	0.00 (13)	0.00 (13)	0.00 (13)
8-2-S	100	100	18.85	8.04	0	562	0.00 (13)	0.00 (13)	0.00 (13)
8-3-S	100	100	18.85	8.04	0	825	0.00 (13)	0.00 (13)	0.00 (13)
8-4-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
8-5-S	100	100	18.85	8.04	0	217	0.00 (13)	0.00 (13)	0.00 (13)
8-6-S	100	100	18.85	8.04	0	1976	0.00 (13)	0.00 (13)	0.00 (13)
8-7-S	100	100	18.85	8.04	0	8558	0.00 (13)	0.00 (13)	0.00 (13)
8-8-S	100	100	18.85	8.04	0	15862	0.00 (13)	0.00 (13)	0.00 (13)
8-9-S	100	100	18.85	8.04	0	23978	0.00 (13)	0.00 (13)	0.00 (13)
8-10-S	100	100	18.85	8.04	0	32169	0.00 (13)	0.00 (13)	0.00 (13)
8-11-S	100	100	18.85	8.04	0	40325	0.00 (13)	0.00 (13)	0.00 (13)
8-12-S	100	100	18.85	8.04	0	48378	0.00 (13)	0.00 (13)	0.00 (13)
8-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
8-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
8-15-S	100	100	18.85	8.04	0	10506	0.00 (13)	0.00 (13)	0.00 (13)
9-1-S	100	100	18.85	8.04	0	497	0.00 (13)	0.00 (13)	0.00 (13)
9-2-S	100	100	18.85	8.04	0	221	0.00 (13)	0.00 (13)	0.00 (13)
9-3-S	100	100	18.85	8.04	0	279	0.00 (13)	0.00 (13)	0.00 (13)
9-4-S	100	100	18.85	8.04	0	127	0.00 (13)	0.00 (13)	0.00 (13)
9-5-S	100	100	18.85	8.04	0	12	0.00 (13)	0.00 (13)	0.00 (13)
9-6-S	100	100	18.85	8.04	0	241	0.00 (13)	0.00 (13)	0.00 (13)
9-7-S	100	100	18.85	8.04	0	4104	0.00 (13)	0.00 (13)	0.00 (13)
9-8-S	100	100	18.85	8.04	0	14589	0.00 (13)	0.00 (13)	0.00 (13)
9-9-S	100	100	18.85	8.04	0	23062	0.00 (13)	0.00 (13)	0.00 (13)
9-10-S	100	100	18.85	8.04	0	31348	0.00 (13)	0.00 (13)	0.00 (13)
9-11-S	100	100	18.85	8.04	0	39517	0.00 (13)	0.00 (13)	0.00 (13)
9-12-S	100	100	18.85	8.04	0	47314	0.00 (13)	0.00 (13)	0.00 (13)
9-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
9-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
9-15-S	100	100	18.85	8.04	0	616	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
10-1-S	100	100	15.71	8.04	0	279	0.00 (13)	0.00 (13)	0.00 (13)
10-2-S	100	100	15.71	8.04	0	467	0.00 (13)	0.00 (13)	0.00 (13)
10-3-S	100	100	15.71	8.04	0	631	0.00 (13)	0.00 (13)	0.00 (13)
10-4-S	100	100	15.71	8.04	0	354	0.00 (13)	0.00 (13)	0.00 (13)
10-5-S	100	100	15.71	8.04	0	102	0.00 (13)	0.00 (13)	0.00 (13)
10-6-S	100	100	15.71	8.04	0	2313	0.00 (13)	0.00 (13)	0.00 (13)
10-7-S	100	100	15.71	8.04	0	8775	0.00 (13)	0.00 (13)	0.00 (13)
10-8-S	100	100	15.71	8.04	0	15238	0.00 (13)	0.00 (13)	0.00 (13)
10-9-S	100	100	15.71	8.04	0	22942	0.00 (13)	0.00 (13)	0.00 (13)
10-10-S	100	100	15.71	8.04	0	30760	0.00 (13)	0.00 (13)	0.00 (13)
10-11-S	100	100	15.71	8.04	0	38552	0.00 (13)	0.00 (13)	0.00 (13)
10-12-S	100	100	15.71	8.04	0	46266	0.00 (13)	0.00 (13)	0.00 (13)
10-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
10-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
10-15-S	100	100	15.71	8.04	0	10539	0.00 (13)	0.00 (13)	0.00 (13)
11-1-S	100	100	15.71	8.04	0	492	0.00 (13)	0.00 (13)	0.00 (13)
11-2-S	100	100	15.71	8.04	0	248	0.00 (13)	0.00 (13)	0.00 (13)
11-3-S	100	100	15.71	8.04	0	315	0.00 (13)	0.00 (13)	0.00 (13)
11-4-S	100	100	15.71	8.04	0	156	0.00 (13)	0.00 (13)	0.00 (13)
11-5-S	100	100	15.71	8.04	0	25	0.00 (13)	0.00 (13)	0.00 (13)
11-6-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
11-7-S	100	100	15.71	8.04	0	3643	0.00 (13)	0.00 (13)	0.00 (13)
11-8-S	100	100	15.71	8.04	0	13985	0.00 (13)	0.00 (13)	0.00 (13)
11-9-S	100	100	15.71	8.04	0	22329	0.00 (13)	0.00 (13)	0.00 (13)
11-10-S	100	100	15.71	8.04	0	30483	0.00 (13)	0.00 (13)	0.00 (13)
11-11-S	100	100	15.71	8.04	0	38525	0.00 (13)	0.00 (13)	0.00 (13)
11-12-S	100	100	15.71	8.04	0	46199	0.00 (13)	0.00 (13)	0.00 (13)
11-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
11-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
11-15-S	100	100	15.71	8.04	0	649	0.00 (13)	0.00 (13)	0.00 (13)
12-1-S	100	100	15.71	8.04	0	171	0.00 (13)	0.00 (13)	0.00 (13)
12-2-S	100	100	15.71	8.04	0	449	0.00 (13)	0.00 (13)	0.00 (13)
12-3-S	100	100	15.71	8.04	0	682	0.00 (13)	0.00 (13)	0.00 (13)
12-4-S	100	100	15.71	8.04	0	356	0.00 (13)	0.00 (13)	0.00 (13)
12-5-S	100	100	15.71	8.04	0	56	0.00 (13)	0.00 (13)	0.00 (13)
12-6-S	100	100	15.71	8.04	0	1479	0.00 (13)	0.00 (13)	0.00 (13)
12-7-S	100	100	15.71	8.04	0	7688	0.00 (13)	0.00 (13)	0.00 (13)
12-8-S	100	100	15.71	8.04	0	14711	0.00 (13)	0.00 (13)	0.00 (13)
12-9-S	100	100	15.71	8.04	0	22472	0.00 (13)	0.00 (13)	0.00 (13)
12-10-S	100	100	15.71	8.04	0	30300	0.00 (13)	0.00 (13)	0.00 (13)
12-11-S	100	100	15.71	8.04	0	38092	0.00 (13)	0.00 (13)	0.00 (13)
12-12-S	100	100	15.71	8.04	0	45774	0.00 (13)	0.00 (13)	0.00 (13)
12-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
12-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
12-15-S	100	100	15.71	8.04	0	2645	0.00 (13)	0.00 (13)	0.00 (13)
13-1-S	100	100	15.71	8.04	0	104	0.00 (13)	0.00 (13)	0.00 (13)
13-2-S	100	100	15.71	8.04	0	466	0.00 (13)	0.00 (13)	0.00 (13)
13-3-S	100	100	15.71	8.04	0	618	0.00 (13)	0.00 (13)	0.00 (13)
13-4-S	100	100	15.71	8.04	0	317	0.00 (13)	0.00 (13)	0.00 (13)
13-5-S	100	100	15.71	8.04	0	69	0.00 (13)	0.00 (13)	0.00 (13)
13-6-S	100	100	15.71	8.04	0	897	0.00 (13)	0.00 (13)	0.00 (13)
13-7-S	100	100	15.71	8.04	0	6321	0.00 (13)	0.00 (13)	0.00 (13)
13-8-S	100	100	15.71	8.04	0	14377	0.00 (13)	0.00 (13)	0.00 (13)
13-9-S	100	100	15.71	8.04	0	22313	0.00 (13)	0.00 (13)	0.00 (13)
13-10-S	100	100	15.71	8.04	0	30237	0.00 (13)	0.00 (13)	0.00 (13)
13-11-S	100	100	15.71	8.04	0	38103	0.00 (13)	0.00 (13)	0.00 (13)
13-12-S	100	100	15.71	8.04	0	45782	0.00 (13)	0.00 (13)	0.00 (13)
13-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
13-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
13-15-S	100	100	15.71	8.04	0	7932	0.00 (13)	0.00 (13)	0.00 (13)
14-1-S	100	100	15.71	8.04	0	516	0.00 (13)	0.00 (13)	0.00 (13)
14-2-S	100	100	15.71	8.04	0	383	0.00 (13)	0.00 (13)	0.00 (13)
14-3-S	100	100	15.71	8.04	0	516	0.00 (13)	0.00 (13)	0.00 (13)
14-4-S	100	100	15.71	8.04	0	253	0.00 (13)	0.00 (13)	0.00 (13)
14-5-S	100	100	15.71	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
14-6-S	100	100	15.71	8.04	0	450	0.00 (13)	0.00 (13)	0.00 (13)
14-7-S	100	100	15.71	8.04	0	4601	0.00 (13)	0.00 (13)	0.00 (13)
14-8-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
14-9-S	100	100	15.71	8.04	0	22140	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
14-10-S	100	100	15.71	8.04	0	30196	0.00 (13)	0.00 (13)	0.00 (13)
14-11-S	100	100	15.71	8.04	0	38163	0.00 (13)	0.00 (13)	0.00 (13)
14-12-S	100	100	15.71	8.04	0	45838	0.00 (13)	0.00 (13)	0.00 (13)
14-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
14-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
14-15-S	100	100	15.71	8.04	0	607	0.00 (13)	0.00 (13)	0.00 (13)
15-1-S	100	100	15.71	8.04	0	209	0.00 (13)	0.00 (13)	0.00 (13)
15-2-S	100	100	15.71	8.04	0	526	0.00 (13)	0.00 (13)	0.00 (13)
15-3-S	100	100	15.71	8.04	0	774	0.00 (13)	0.00 (13)	0.00 (13)
15-4-S	100	100	15.71	8.04	0	410	0.00 (13)	0.00 (13)	0.00 (13)
15-5-S	100	100	15.71	8.04	0	72	0.00 (13)	0.00 (13)	0.00 (13)
15-6-S	100	100	15.71	8.04	0	1825	0.00 (13)	0.00 (13)	0.00 (13)
15-7-S	100	100	15.71	8.04	0	8248	0.00 (13)	0.00 (13)	0.00 (13)
15-8-S	100	100	15.71	8.04	0	14704	0.00 (13)	0.00 (13)	0.00 (13)
15-9-S	100	100	15.71	8.04	0	22368	0.00 (13)	0.00 (13)	0.00 (13)
15-10-S	100	100	15.71	8.04	0	30144	0.00 (13)	0.00 (13)	0.00 (13)
15-11-S	100	100	15.71	8.04	0	37898	0.00 (13)	0.00 (13)	0.00 (13)
15-12-S	100	100	15.71	8.04	0	45582	0.00 (13)	0.00 (13)	0.00 (13)
15-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
15-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
15-15-S	100	100	15.71	8.04	0	10549	0.00 (13)	0.00 (13)	0.00 (13)
16-1-S	100	100	15.71	10.05	0	461	0.00 (13)	0.00 (13)	0.00 (13)
16-2-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-3-S	100	100	15.71	10.05	0	7	0.00 (13)	0.00 (13)	0.00 (13)
16-4-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-5-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-6-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-7-S	100	100	15.71	10.05	0	2889	0.00 (13)	0.00 (13)	0.00 (13)
16-8-S	100	100	15.71	10.05	0	13576	0.00 (13)	0.00 (13)	0.00 (13)
16-9-S	100	100	15.71	10.05	0	21978	0.00 (13)	0.00 (13)	0.00 (13)
16-10-S	100	100	15.71	10.05	0	30161	0.00 (13)	0.00 (13)	0.00 (13)
16-11-S	100	100	15.71	10.05	0	38224	0.00 (13)	0.00 (13)	0.00 (13)
16-12-S	100	100	15.71	10.05	0	45900	0.00 (13)	0.00 (13)	0.00 (13)
16-13-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-14-S	100	100	15.71	10.05	0	0	0.00 (13)	0.00 (13)	0.00 (13)
16-15-S	100	100	15.71	10.05	0	607	0.00 (13)	0.00 (13)	0.00 (13)
17-1-S	100	100	15.71	8.04	0	209	0.00 (13)	0.00 (13)	0.00 (13)
17-2-S	100	100	15.71	8.04	0	526	0.00 (13)	0.00 (13)	0.00 (13)
17-3-S	100	100	15.71	8.04	0	774	0.00 (13)	0.00 (13)	0.00 (13)
17-4-S	100	100	15.71	8.04	0	410	0.00 (13)	0.00 (13)	0.00 (13)
17-5-S	100	100	15.71	8.04	0	72	0.00 (13)	0.00 (13)	0.00 (13)
17-6-S	100	100	15.71	8.04	0	1825	0.00 (13)	0.00 (13)	0.00 (13)
17-7-S	100	100	15.71	8.04	0	8248	0.00 (13)	0.00 (13)	0.00 (13)
17-8-S	100	100	15.71	8.04	0	14704	0.00 (13)	0.00 (13)	0.00 (13)
17-9-S	100	100	15.71	8.04	0	22368	0.00 (13)	0.00 (13)	0.00 (13)
17-10-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
17-11-S	100	100	15.71	8.04	0	37898	0.00 (13)	0.00 (13)	0.00 (13)
17-12-S	100	100	15.71	8.04	0	45581	0.00 (13)	0.00 (13)	0.00 (13)
17-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
17-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
17-15-S	100	100	15.71	8.04	0	7932	0.00 (13)	0.00 (13)	0.00 (13)
18-1-S	100	100	15.71	8.04	0	516	0.00 (13)	0.00 (13)	0.00 (13)
18-2-S	100	100	15.71	8.04	0	383	0.00 (13)	0.00 (13)	0.00 (13)
18-3-S	100	100	15.71	8.04	0	516	0.00 (13)	0.00 (13)	0.00 (13)
18-4-S	100	100	15.71	8.04	0	253	0.00 (13)	0.00 (13)	0.00 (13)
18-5-S	100	100	15.71	8.04	0	37	0.00 (13)	0.00 (13)	0.00 (13)
18-6-S	100	100	15.71	8.04	0	450	0.00 (13)	0.00 (13)	0.00 (13)
18-7-S	100	100	15.71	8.04	0	4601	0.00 (13)	0.00 (13)	0.00 (13)
18-8-S	100	100	15.71	8.04	0	13966	0.00 (13)	0.00 (13)	0.00 (13)
18-9-S	100	100	15.71	8.04	0	22139	0.00 (13)	0.00 (13)	0.00 (13)
18-10-S	100	100	15.71	8.04	0	30195	0.00 (13)	0.00 (13)	0.00 (13)
18-11-S	100	100	15.71	8.04	0	38162	0.00 (13)	0.00 (13)	0.00 (13)
18-12-S	100	100	15.71	8.04	0	45838	0.00 (13)	0.00 (13)	0.00 (13)
18-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
18-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
18-15-S	100	100	15.71	8.04	0	2645	0.00 (13)	0.00 (13)	0.00 (13)
19-1-S	100	100	15.71	8.04	0	104	0.00 (13)	0.00 (13)	0.00 (13)
19-2-S	100	100	15.71	8.04	0	467	0.00 (13)	0.00 (13)	0.00 (13)
19-3-S	100	100	15.71	8.04	0	619	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
19-4-S	100	100	15.71	8.04	0	317	0.00 (13)	0.00 (13)	0.00 (13)
19-5-S	100	100	15.71	8.04	0	69	0.00 (13)	0.00 (13)	0.00 (13)
19-6-S	100	100	15.71	8.04	0	897	0.00 (13)	0.00 (13)	0.00 (13)
19-7-S	100	100	15.71	8.04	0	6321	0.00 (13)	0.00 (13)	0.00 (13)
19-8-S	100	100	15.71	8.04	0	14378	0.00 (13)	0.00 (13)	0.00 (13)
19-9-S	100	100	15.71	8.04	0	22313	0.00 (13)	0.00 (13)	0.00 (13)
19-10-S	100	100	15.71	8.04	0	30236	0.00 (13)	0.00 (13)	0.00 (13)
19-11-S	100	100	15.71	8.04	0	38102	0.00 (13)	0.00 (13)	0.00 (13)
19-12-S	100	100	15.71	8.04	0	45781	0.00 (13)	0.00 (13)	0.00 (13)
19-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
19-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
19-15-S	100	100	15.71	8.04	0	649	0.00 (13)	0.00 (13)	0.00 (13)
20-1-S	100	100	15.71	8.04	0	172	0.00 (13)	0.00 (13)	0.00 (13)
20-2-S	100	100	15.71	8.04	0	448	0.00 (13)	0.00 (13)	0.00 (13)
20-3-S	100	100	15.71	8.04	0	682	0.00 (13)	0.00 (13)	0.00 (13)
20-4-S	100	100	15.71	8.04	0	356	0.00 (13)	0.00 (13)	0.00 (13)
20-5-S	100	100	15.71	8.04	0	56	0.00 (13)	0.00 (13)	0.00 (13)
20-6-S	100	100	15.71	8.04	0	1480	0.00 (13)	0.00 (13)	0.00 (13)
20-7-S	100	100	15.71	8.04	0	7690	0.00 (13)	0.00 (13)	0.00 (13)
20-8-S	100	100	15.71	8.04	0	14713	0.00 (13)	0.00 (13)	0.00 (13)
20-9-S	100	100	15.71	8.04	0	22473	0.00 (13)	0.00 (13)	0.00 (13)
20-10-S	100	100	15.71	8.04	0	30301	0.00 (13)	0.00 (13)	0.00 (13)
20-11-S	100	100	15.71	8.04	0	38093	0.00 (13)	0.00 (13)	0.00 (13)
20-12-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
20-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
20-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
20-15-S	100	100	15.71	8.04	0	10540	0.00 (13)	0.00 (13)	0.00 (13)
21-1-S	100	100	15.71	8.04	0	492	0.00 (13)	0.00 (13)	0.00 (13)
21-2-S	100	100	15.71	8.04	0	249	0.00 (13)	0.00 (13)	0.00 (13)
21-3-S	100	100	15.71	8.04	0	316	0.00 (13)	0.00 (13)	0.00 (13)
21-4-S	100	100	15.71	8.04	0	156	0.00 (13)	0.00 (13)	0.00 (13)
21-5-S	100	100	15.71	8.04	0	26	0.00 (13)	0.00 (13)	0.00 (13)
21-6-S	100	100	15.71	8.04	0	229	0.00 (13)	0.00 (13)	0.00 (13)
21-7-S	100	100	15.71	8.04	0	3647	0.00 (13)	0.00 (13)	0.00 (13)
21-8-S	100	100	15.71	8.04	0	13990	0.00 (13)	0.00 (13)	0.00 (13)
21-9-S	100	100	15.71	8.04	0	22333	0.00 (13)	0.00 (13)	0.00 (13)
21-10-S	100	100	15.71	8.04	0	30487	0.00 (13)	0.00 (13)	0.00 (13)
21-11-S	100	100	15.71	8.04	0	38528	0.00 (13)	0.00 (13)	0.00 (13)
21-12-S	100	100	15.71	8.04	0	46201	0.00 (13)	0.00 (13)	0.00 (13)
21-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
21-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
21-15-S	100	100	15.71	8.04	0	616	0.00 (13)	0.00 (13)	0.00 (13)
22-1-S	100	100	15.71	8.04	0	280	0.00 (13)	0.00 (13)	0.00 (13)
22-2-S	100	100	15.71	8.04	0	468	0.00 (13)	0.00 (13)	0.00 (13)
22-3-S	100	100	15.71	8.04	0	632	0.00 (13)	0.00 (13)	0.00 (13)
22-4-S	100	100	15.71	8.04	0	355	0.00 (13)	0.00 (13)	0.00 (13)
22-5-S	100	100	15.71	8.04	0	103	0.00 (13)	0.00 (13)	0.00 (13)
22-6-S	100	100	15.71	8.04	0	2322	0.00 (13)	0.00 (13)	0.00 (13)
22-7-S	100	100	15.71	8.04	0	8785	0.00 (13)	0.00 (13)	0.00 (13)
22-8-S	100	100	15.71	8.04	0	15249	0.00 (13)	0.00 (13)	0.00 (13)
22-9-S	100	100	15.71	8.04	0	22953	0.00 (13)	0.00 (13)	0.00 (13)
22-10-S	100	100	15.71	8.04	0	30771	0.00 (13)	0.00 (13)	0.00 (13)
22-11-S	100	100	15.71	8.04	0	38563	0.00 (13)	0.00 (13)	0.00 (13)
22-12-S	100	100	15.71	8.04	0	46276	0.00 (13)	0.00 (13)	0.00 (13)
22-13-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
22-14-S	100	100	15.71	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
22-15-S	100	100	15.71	8.04	0	10507	0.00 (13)	0.00 (13)	0.00 (13)
23-1-S	100	100	18.85	8.04	0	498	0.00 (13)	0.00 (13)	0.00 (13)
23-2-S	100	100	18.85	8.04	0	221	0.00 (13)	0.00 (13)	0.00 (13)
23-3-S	100	100	18.85	8.04	0	279	0.00 (13)	0.00 (13)	0.00 (13)
23-4-S	100	100	18.85	8.04	0	127	0.00 (13)	0.00 (13)	0.00 (13)
23-5-S	100	100	18.85	8.04	0	12	0.00 (13)	0.00 (13)	0.00 (13)
23-6-S	100	100	18.85	8.04	0	243	0.00 (13)	0.00 (13)	0.00 (13)
23-7-S	100	100	18.85	8.04	0	4123	0.00 (13)	0.00 (13)	0.00 (13)
23-8-S	100	100	18.85	8.04	0	14611	0.00 (13)	0.00 (13)	0.00 (13)
23-9-S	100	100	18.85	8.04	0	23087	0.00 (13)	0.00 (13)	0.00 (13)
23-10-S	100	100	18.85	8.04	0	31374	0.00 (13)	0.00 (13)	0.00 (13)
23-11-S	100	100	18.85	8.04	0	39546	0.00 (13)	0.00 (13)	0.00 (13)
23-12-S	100	100	18.85	8.04	0	47344	0.00 (13)	0.00 (13)	0.00 (13)

Is	B	H	Afi	Afs	Mp	Mn	σc	σfi	σfs
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[kg/cmq]	[kg/cmq]	[kg/cmq]
23-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
23-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
23-15-S	100	100	18.85	8.04	0	754	0.00 (13)	0.00 (13)	0.00 (13)
24-1-S	100	100	18.85	8.04	0	260	0.00 (13)	0.00 (13)	0.00 (13)
24-2-S	100	100	18.85	8.04	0	566	0.00 (13)	0.00 (13)	0.00 (13)
24-3-S	100	100	18.85	8.04	0	830	0.00 (13)	0.00 (13)	0.00 (13)
24-4-S	100	100	18.85	8.04	0	524	0.00 (13)	0.00 (13)	0.00 (13)
24-5-S	100	100	18.85	8.04	0	223	0.00 (13)	0.00 (13)	0.00 (13)
24-6-S	100	100	18.85	8.04	0	1990	0.00 (13)	0.00 (13)	0.00 (13)
24-7-S	100	100	18.85	8.04	0	8583	0.00 (13)	0.00 (13)	0.00 (13)
24-8-S	100	100	18.85	8.04	0	15895	0.00 (13)	0.00 (13)	0.00 (13)
24-9-S	100	100	18.85	8.04	0	24022	0.00 (13)	0.00 (13)	0.00 (13)
24-10-S	100	100	18.85	8.04	0	32224	0.00 (13)	0.00 (13)	0.00 (13)
24-11-S	100	100	18.85	8.04	0	40391	0.00 (13)	0.00 (13)	0.00 (13)
24-12-S	100	100	18.85	8.04	0	48456	0.00 (13)	0.00 (13)	0.00 (13)
24-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
24-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
24-15-S	100	100	18.85	8.04	0	2877	0.00 (13)	0.00 (13)	0.00 (13)
25-1-S	100	100	18.85	8.04	0	60	0.00 (13)	0.00 (13)	0.00 (13)
25-2-S	100	100	18.85	8.04	0	401	0.00 (13)	0.00 (13)	0.00 (13)
25-3-S	100	100	18.85	8.04	0	557	0.00 (13)	0.00 (13)	0.00 (13)
25-4-S	100	100	18.85	8.04	0	243	0.00 (13)	0.00 (13)	0.00 (13)
25-5-S	100	100	18.85	8.04	0	17	0.00 (13)	0.00 (13)	0.00 (13)
25-6-S	100	100	18.85	8.04	0	1172	0.00 (13)	0.00 (13)	0.00 (13)
25-7-S	100	100	18.85	8.04	0	7155	0.00 (13)	0.00 (13)	0.00 (13)
25-8-S	100	100	18.85	8.04	0	15720	0.00 (13)	0.00 (13)	0.00 (13)
25-9-S	100	100	18.85	8.04	0	24468	0.00 (13)	0.00 (13)	0.00 (13)
25-10-S	100	100	18.85	8.04	0	33234	0.00 (13)	0.00 (13)	0.00 (13)
25-11-S	100	100	18.85	8.04	0	41997	0.00 (13)	0.00 (13)	0.00 (13)
25-12-S	100	100	18.85	8.04	0	50756	0.00 (13)	0.00 (13)	0.00 (13)
25-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
25-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
25-15-S	100	100	18.85	8.04	0	7703	0.00 (13)	0.00 (13)	0.00 (13)
26-1-S	100	100	18.85	8.04	0	782	0.00 (13)	0.00 (13)	0.00 (13)
26-2-S	100	100	18.85	8.04	0	210	0.00 (13)	0.00 (13)	0.00 (13)
26-3-S	100	100	18.85	8.04	0	412	0.00 (13)	0.00 (13)	0.00 (13)
26-4-S	100	100	18.85	8.04	0	155	0.00 (13)	0.00 (13)	0.00 (13)
26-5-S	100	100	18.85	8.04	0	1	0.00 (13)	0.00 (13)	0.00 (13)
26-6-S	100	100	18.85	8.04	0	135	0.00 (13)	0.00 (13)	0.00 (13)
26-7-S	100	100	18.85	8.04	0	4620	0.00 (13)	0.00 (13)	0.00 (13)
26-8-S	100	100	18.85	8.04	0	14873	0.00 (13)	0.00 (13)	0.00 (13)
26-9-S	100	100	18.85	8.04	0	24164	0.00 (13)	0.00 (13)	0.00 (13)
26-10-S	100	100	18.85	8.04	0	33353	0.00 (13)	0.00 (13)	0.00 (13)
26-11-S	100	100	18.85	8.04	0	42776	0.00 (13)	0.00 (13)	0.00 (13)
26-12-S	100	100	18.85	8.04	0	52939	0.00 (13)	0.00 (13)	0.00 (13)
26-13-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
26-14-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)
26-15-S	100	100	18.85	8.04	0	0	0.00 (13)	0.00 (13)	0.00 (13)

Pali in c.a.

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]	[kg/cmq]
1	1	116.80	89.17	1994.18		
1	2	116.80	85.37	1910.58		
1	3	116.80	81.57	1826.98		
1	4	116.80	77.77	1743.39		
1	5	116.80	73.97	1659.79		
1	6	116.80	70.17	1576.19		
1	7	116.80	66.37	1492.60		
1	8	116.80	62.57	1409.00		
1	9	116.80	58.77	1325.40		
1	10	116.80	54.97	1241.81		
1	11	116.80	51.17	1158.22		
1	12	116.80	47.37	1074.62		
1	13	116.80	43.57	991.03		
1	14	116.80	39.77	907.44		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	15	116.80	35.97	823.85		
1	16	116.80	32.17	740.26		
1	17	116.80	28.37	656.67		
1	18	116.80	24.56	573.09		
1	19	116.80	20.76	489.52		
1	20	116.80	16.96	405.95		
1	21	116.80	13.16	322.40		
1	22	116.80	9.35	238.89		
1	23	116.80	6.15	155.46		
1	24	116.80	4.05	72.39		
1	25	116.80	2.46	67.40		
1	26	116.80	5.48	145.42		
1	27	116.80	9.33	223.88		
1	28	116.80	13.17	302.46		
1	29	116.80	17.00	381.07		
1	30	116.80	20.84	459.71		
1	31	116.80	24.67	538.36		
1	32	116.80	28.50	617.02		
1	33	116.80	32.33	695.68		
1	34	116.80	36.16	774.34		
1	35	116.80	39.99	853.01		
1	36	116.80	43.82	931.29		
1	37	116.80	47.08	997.43		
1	38	116.80	49.82	1052.30		
1	39	116.80	52.06	1096.69		
1	40	116.80	53.85	1131.37		
1	41	116.80	55.22	1157.08		
1	42	116.80	56.20	1174.55		
1	43	116.80	56.83	1184.44		
1	44	116.80	57.13	1187.43		
1	45	116.80	57.13	1184.12		
1	46	116.80	56.88	1175.13		
1	47	116.80	56.38	1161.02		
1	48	116.80	55.66	1142.31		
1	49	116.80	54.76	1119.53		
1	50	116.80	53.68	1093.15		
1	51	116.80	52.46	1063.61		
1	52	116.80	51.11	1031.35		
1	53	116.80	49.65	996.75		
1	54	116.80	48.10	960.19		
1	55	116.80	46.48	922.00		
1	56	116.80	44.79	882.52		
1	57	116.80	43.05	842.04		
1	58	116.80	41.29	800.82		
1	59	116.80	39.50	759.12		
1	60	116.80	37.69	717.17		
1	61	116.80	35.89	675.18		
1	62	116.80	34.09	633.34		
1	63	116.80	32.30	591.83		
1	64	116.80	30.54	550.80		
1	65	116.80	28.81	510.40		
1	66	31.86	50.39	1319.50		
1	67	31.86	47.00	1202.43		
1	68	31.86	43.68	1088.29		
1	69	31.86	40.45	977.40		
1	70	31.86	37.31	870.03		
1	71	31.86	34.26	766.46		
1	72	31.86	31.31	666.99		
1	73	31.86	28.45	571.92		
1	74	31.86	25.70	492.43		
1	75	31.86	23.05	441.16		
1	76	31.86	20.52	392.78		
1	77	31.86	18.11	347.33		
1	78	31.86	15.84	304.79		
1	79	31.86	13.76	265.17		
1	80	31.86	11.92	228.47		
1	81	31.86	10.37	194.65		
1	82	31.86	9.12	163.69		
1	83	31.86	8.17	135.57		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
1	84	31.86	7.44	110.24		
1	85	31.86	6.89	87.69		
1	86	31.86	6.45	80.52		
1	87	31.86	6.07	77.17		
1	88	31.86	5.73	74.25		
1	89	31.86	5.44	71.73		
1	90	31.86	5.18	69.61		
1	91	31.86	4.96	67.86		
1	92	31.86	4.78	66.48		
1	93	31.86	4.63	65.44		
1	94	31.86	4.51	64.73		
1	95	31.86	4.43	64.33		
1	96	31.86	4.38	64.23		
1	97	31.86	4.35	64.41		
1	98	31.86	4.36	64.86		
1	99	31.86	4.38	65.56		
1	100	31.86	4.44	66.48		
1	101	31.86	4.51	67.62		
2	1	116.80	92.01	1392.82		
2	2	116.80	88.16	1311.61		
2	3	116.80	84.31	1230.53		
2	4	116.80	80.46	1149.60		
2	5	116.80	76.61	1068.87		
2	6	116.80	72.75	988.35		
2	7	116.80	68.89	908.10		
2	8	116.80	65.02	828.18		
2	9	116.80	61.15	748.67		
2	10	116.80	57.28	669.67		
2	11	116.80	53.41	599.74		
2	12	116.80	49.53	561.20		
2	13	116.80	45.66	522.52		
2	14	116.80	41.79	483.72		
2	15	116.80	37.94	444.84		
2	16	116.80	34.13	406.01		
2	17	116.80	30.39	367.50		
2	18	116.80	26.78	329.80		
2	19	116.80	23.39	293.74		
2	20	116.80	20.32	260.37		
2	21	116.80	17.62	230.46		
2	22	116.80	15.10	202.24		
2	23	116.80	12.58	174.03		
2	24	116.80	10.05	145.82		
2	25	116.80	10.00	145.26		
2	26	116.80	12.56	174.04		
2	27	116.80	15.12	202.82		
2	28	116.80	17.68	231.61		
2	29	116.80	20.38	261.75		
2	30	116.80	23.43	295.15		
2	31	116.80	26.79	331.23		
2	32	116.80	30.38	369.00		
2	33	116.80	34.09	407.69		
2	34	116.80	37.89	446.78		
2	35	116.80	41.73	485.98		
2	36	116.80	45.59	525.06		
2	37	116.80	48.89	558.25		
2	38	116.80	51.65	585.97		
2	39	116.80	53.92	608.62		
2	40	116.80	55.72	626.61		
2	41	116.80	57.09	640.31		
2	42	116.80	58.07	657.05		
2	43	116.80	58.69	669.29		
2	44	116.80	58.98	675.00		
2	45	116.80	58.97	674.76		
2	46	116.80	58.69	669.16		
2	47	116.80	58.16	658.73		
2	48	116.80	57.42	644.00		
2	49	116.80	56.48	634.19		
2	50	116.80	55.37	623.11		
2	51	116.80	54.11	610.51		

Ip	Is	A_f	σ_c	σ_f	τ_c	σ_{stf}
		[cmq]	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*	*[kg/cmq]*
2	52	116.80	52.72	596.60		
2	53	116.80	51.22	581.56		
2	54	116.80	49.62	565.56		
2	55	116.80	47.95	548.76		
2	56	116.80	46.22	531.32		
2	57	116.80	44.45	513.38		
2	58	116.80	42.64	495.07		
2	59	116.80	40.82	476.52		
2	60	116.80	38.99	457.84		
2	61	116.80	37.16	439.15		
2	62	116.80	35.36	420.56		
2	63	116.80	33.58	402.18		
2	64	116.80	31.84	384.12		
2	65	116.80	30.15	366.48		
2	66	31.86	37.97	415.45		
2	67	31.86	35.40	394.05		
2	68	31.86	33.05	373.97		
2	69	31.86	30.92	355.29		
2	70	31.86	29.01	338.07		
2	71	31.86	27.29	322.28		
2	72	31.86	25.76	307.87		
2	73	31.86	24.38	294.74		
2	74	31.86	23.15	282.77		
2	75	31.86	22.04	271.83		
2	76	31.86	21.02	261.69		
2	77	31.86	20.05	252.07		
2	78	31.86	19.13	242.95		
2	79	31.86	18.27	234.32		
2	80	31.86	17.45	226.17		
2	81	31.86	16.68	218.50		
2	82	31.86	15.96	211.31		
2	83	31.86	15.29	204.58		
2	84	31.86	14.67	198.30		
2	85	31.86	14.09	192.47		
2	86	31.86	13.56	187.06		
2	87	31.86	13.07	182.08		
2	88	31.86	12.62	177.49		
2	89	31.86	12.21	173.30		
2	90	31.86	11.84	169.48		
2	91	31.86	11.50	166.02		
2	92	31.86	11.21	162.91		
2	93	31.86	10.94	160.12		
2	94	31.86	10.71	157.65		
2	95	31.86	10.51	155.47		
2	96	31.86	10.33	153.56		
2	97	31.86	10.19	151.93		
2	98	31.86	10.07	150.53		
2	99	31.86	9.97	149.37		
2	100	31.86	9.90	148.42		
2	101	31.86	9.84	147.67		

Verifica a fessurazione

Simbologia adottata

n° indice sezione
Y ordinata sezione espressa in [m]
B larghezza sezione espresso in [cm]
H altezza sezione espressa in [cm]
Af area ferri zona tesa espresso in [cmq]
Aeff area efficace espressa in [cmq]
M momento agente espressa in [kgm]
Mpf momento di prima fessurazione espressa in [kgm]
ε deformazione espresso in %
Sm spaziatura tra le fessure espressa in [mm]
w apertura delle fessure espressa in [mm]

Combinazioni SLEF

Paramento

Apertura limite fessure w_{lim}=0.40

n°	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1	100	40	0.00	0.00	0	0	0.000000	0.00	0.000 (14)
2	100	42	0.00	0.00	-1	-641	0.000000	0.00	0.000 (14)
3	100	43	0.00	0.00	-5	-1396	0.000000	0.00	0.000 (14)
4	100	45	0.00	0.00	-11	-2272	0.000000	0.00	0.000 (14)
5	100	47	0.00	0.00	-20	-3278	0.000000	0.00	0.000 (14)
6	100	48	0.00	0.00	-31	-4423	0.000000	0.00	0.000 (14)
7	100	50	0.00	0.00	-45	-5715	0.000000	0.00	0.000 (14)
8	100	52	0.00	0.00	-62	-7162	0.000000	0.00	0.000 (14)
9	100	53	0.00	0.00	-82	-8774	0.000000	0.00	0.000 (14)
10	100	55	0.00	0.00	-104	-10357	0.000000	0.00	0.000 (14)
11	100	57	0.00	0.00	-119	-10628	0.000000	0.00	0.000 (14)
12	100	59	0.00	0.00	-111	-8280	0.000000	0.00	0.000 (14)
13	100	60	0.00	0.00	-65	-3773	0.000000	0.00	0.000 (14)
14	100	62	0.00	0.00	34	1693	0.000000	0.00	0.000 (14)
15	100	64	0.00	0.00	203	13657	0.000000	0.00	0.000 (14)
16	100	65	0.00	0.00	457	66941	0.000000	0.00	0.000 (14)
17	100	67	0.00	0.00	812	199633	0.000000	0.00	0.000 (14)
18	100	69	12.57	1010.53	1282	71519	0.000000	0.00	0.000 (14)
19	100	70	12.57	1648.37	1885	54082	0.000000	0.00	0.000 (14)
20	100	72	12.57	2086.39	2636	48007	0.000000	0.00	0.000 (14)
21	100	74	12.57	2377.16	3550	45452	0.000000	0.00	0.000 (14)

Piastra fondazione

Apertura limite fessure w_{lim}=0.40

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-1-P	93	100	0.00	0.00	1682	0	0.000000	0.00	-1000.000
1-2-P	93	100	0.00	0.00	914	0	0.000000	0.00	-1000.000
1-3-P	93	100	0.00	0.00	18	0	0.000000	0.00	-1000.000
1-4-P	93	100	0.00	0.00	5	0	0.000000	0.00	-1000.000
1-5-P	93	100	0.00	0.00	19	0	0.000000	0.00	-1000.000
1-6-P	93	100	0.00	0.00	3589	0	0.000000	0.00	-1000.000
1-7-P	93	100	0.00	0.00	3629	0	0.000000	0.00	-1000.000
1-8-P	93	100	0.00	0.00	5293	0	0.000000	0.00	-1000.000
1-9-P	93	100	0.00	0.00	5275	0	0.000000	0.00	-1000.000
1-10-P	93	100	0.00	0.00	4343	0	0.000000	0.00	-1000.000
1-11-P	93	100	0.00	0.00	2853	0	0.000000	0.00	-1000.000
1-12-P	93	100	0.00	0.00	96	0	0.000000	0.00	-1000.000
1-13-P	93	100	0.00	0.00	165	0	0.000000	0.00	-1000.000
1-14-P	93	100	0.00	0.00	45	0	0.000000	0.00	-1000.000
1-15-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-16-P	93	100	0.00	0.00	3851	0	0.000000	0.00	-1000.000
1-17-P	93	100	0.00	0.00	4512	0	0.000000	0.00	-1000.000
1-18-P	93	100	0.00	0.00	6357	0	0.000000	0.00	-1000.000
1-19-P	93	100	0.00	0.00	4608	0	0.000000	0.00	-1000.000
1-20-P	93	100	0.00	0.00	3962	0	0.000000	0.00	-1000.000
1-21-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-22-P	93	100	0.00	0.00	43	0	0.000000	0.00	-1000.000
1-23-P	93	100	0.00	0.00	119	0	0.000000	0.00	-1000.000
1-24-P	93	100	0.00	0.00	50	0	0.000000	0.00	-1000.000
1-25-P	93	100	0.00	0.00	2275	0	0.000000	0.00	-1000.000
1-26-P	93	100	0.00	0.00	3684	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-27-P	93	100	0.00	0.00	4738	0	0.000000	0.00	-1000.000
1-28-P	93	100	0.00	0.00	5083	0	0.000000	0.00	-1000.000
1-29-P	93	100	0.00	0.00	3831	0	0.000000	0.00	-1000.000
1-30-P	93	100	0.00	0.00	3814	0	0.000000	0.00	-1000.000
1-31-P	93	100	0.00	0.00	42	0	0.000000	0.00	-1000.000
1-32-P	93	100	0.00	0.00	74	0	0.000000	0.00	-1000.000
1-33-P	93	100	0.00	0.00	46	0	0.000000	0.00	-1000.000
1-34-P	93	100	0.00	0.00	2	0	0.000000	0.00	-1000.000
1-35-P	93	100	0.00	0.00	3675	0	0.000000	0.00	-1000.000
1-36-P	93	100	0.00	0.00	3889	0	0.000000	0.00	-1000.000
1-37-P	93	100	0.00	0.00	5356	0	0.000000	0.00	-1000.000
1-38-P	93	100	0.00	0.00	4323	0	0.000000	0.00	-1000.000
1-39-P	93	100	0.00	0.00	3548	0	0.000000	0.00	-1000.000
1-40-P	93	100	0.00	0.00	727	0	0.000000	0.00	-1000.000
1-41-P	93	100	0.00	0.00	46	0	0.000000	0.00	-1000.000
1-42-P	93	100	0.00	0.00	146	0	0.000000	0.00	-1000.000
1-43-P	93	100	0.00	0.00	46	0	0.000000	0.00	-1000.000
1-44-P	93	100	0.00	0.00	727	0	0.000000	0.00	-1000.000
1-45-P	93	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
1-46-P	93	100	0.00	0.00	4323	0	0.000000	0.00	-1000.000
1-47-P	93	100	0.00	0.00	5357	0	0.000000	0.00	-1000.000
1-48-P	93	100	0.00	0.00	3890	0	0.000000	0.00	-1000.000
1-49-P	93	100	0.00	0.00	3675	0	0.000000	0.00	-1000.000
1-50-P	93	100	0.00	0.00	2	0	0.000000	0.00	-1000.000
1-51-P	93	100	0.00	0.00	46	0	0.000000	0.00	-1000.000
1-52-P	93	100	0.00	0.00	74	0	0.000000	0.00	-1000.000
1-53-P	93	100	0.00	0.00	42	0	0.000000	0.00	-1000.000
1-54-P	93	100	0.00	0.00	3815	0	0.000000	0.00	-1000.000
1-55-P	93	100	0.00	0.00	3834	0	0.000000	0.00	-1000.000
1-56-P	93	100	0.00	0.00	5086	0	0.000000	0.00	-1000.000
1-57-P	93	100	0.00	0.00	4741	0	0.000000	0.00	-1000.000
1-58-P	93	100	0.00	0.00	3687	0	0.000000	0.00	-1000.000
1-59-P	93	100	0.00	0.00	2277	0	0.000000	0.00	-1000.000
1-60-P	93	100	0.00	0.00	50	0	0.000000	0.00	-1000.000
1-61-P	93	100	0.00	0.00	120	0	0.000000	0.00	-1000.000
1-62-P	93	100	0.00	0.00	43	0	0.000000	0.00	-1000.000
1-63-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-64-P	93	100	0.00	0.00	3972	0	0.000000	0.00	-1000.000
1-65-P	93	100	0.00	0.00	4624	0	0.000000	0.00	-1000.000
1-66-P	93	100	0.00	0.00	6375	0	0.000000	0.00	-1000.000
1-67-P	93	100	0.00	0.00	4529	0	0.000000	0.00	-1000.000
1-68-P	93	100	0.00	0.00	3862	0	0.000000	0.00	-1000.000
1-69-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-70-P	93	100	0.00	0.00	46	0	0.000000	0.00	-1000.000
1-71-P	93	100	0.00	0.00	168	0	0.000000	0.00	-1000.000
1-72-P	93	100	0.00	0.00	98	0	0.000000	0.00	-1000.000
1-73-P	93	100	0.00	0.00	2881	0	0.000000	0.00	-1000.000
1-74-P	93	100	0.00	0.00	4382	0	0.000000	0.00	-1000.000
1-75-P	93	100	0.00	0.00	5319	0	0.000000	0.00	-1000.000
1-76-P	93	100	0.00	0.00	5335	0	0.000000	0.00	-1000.000
1-77-P	93	100	0.00	0.00	3662	0	0.000000	0.00	-1000.000
1-78-P	93	100	0.00	0.00	3610	0	0.000000	0.00	-1000.000
1-79-P	93	100	0.00	0.00	19	0	0.000000	0.00	-1000.000
1-80-P	93	100	0.00	0.00	5	0	0.000000	0.00	-1000.000
1-81-P	93	100	0.00	0.00	18	0	0.000000	0.00	-1000.000
1-82-P	93	100	0.00	0.00	909	0	0.000000	0.00	-1000.000
1-83-P	93	100	0.00	0.00	1686	0	0.000000	0.00	-1000.000
1-84-P	93	100	0.00	0.00	2097	0	0.000000	0.00	-1000.000
1-85-P	93	100	0.00	0.00	628	0	0.000000	0.00	-1000.000
2-1-P	93	100	0.00	0.00	303	0	0.000000	0.00	-1000.000
2-2-P	93	100	0.00	0.00	78	0	0.000000	0.00	-1000.000
2-3-P	93	100	0.00	0.00	75	0	0.000000	0.00	-1000.000
2-4-P	93	100	0.00	0.00	225	0	0.000000	0.00	-1000.000
2-5-P	93	100	0.00	0.00	589	0	0.000000	0.00	-1000.000
2-6-P	93	100	0.00	0.00	1947	0	0.000000	0.00	-1000.000
2-7-P	93	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
2-8-P	93	100	0.00	0.00	4501	0	0.000000	0.00	-1000.000
2-9-P	93	100	0.00	0.00	4368	0	0.000000	0.00	-1000.000
2-10-P	93	100	0.00	0.00	3281	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
2-11-P	93	100	0.00	0.00	1955	0	0.000000	0.00	-1000.000
2-12-P	93	100	0.00	0.00	747	0	0.000000	0.00	-1000.000
2-13-P	93	100	0.00	0.00	433	0	0.000000	0.00	-1000.000
2-14-P	93	100	0.00	0.00	595	0	0.000000	0.00	-1000.000
2-15-P	93	100	0.00	0.00	1067	0	0.000000	0.00	-1000.000
2-16-P	93	100	0.00	0.00	2457	0	0.000000	0.00	-1000.000
2-17-P	93	100	0.00	0.00	3561	0	0.000000	0.00	-1000.000
2-18-P	93	100	0.00	0.00	4862	0	0.000000	0.00	-1000.000
2-19-P	93	100	0.00	0.00	3527	0	0.000000	0.00	-1000.000
2-20-P	93	100	0.00	0.00	2407	0	0.000000	0.00	-1000.000
2-21-P	93	100	0.00	0.00	941	0	0.000000	0.00	-1000.000
2-22-P	93	100	0.00	0.00	494	0	0.000000	0.00	-1000.000
2-23-P	93	100	0.00	0.00	327	0	0.000000	0.00	-1000.000
2-24-P	93	100	0.00	0.00	564	0	0.000000	0.00	-1000.000
2-25-P	93	100	0.00	0.00	1375	0	0.000000	0.00	-1000.000
2-26-P	93	100	0.00	0.00	2548	0	0.000000	0.00	-1000.000
2-27-P	93	100	0.00	0.00	3712	0	0.000000	0.00	-1000.000
2-28-P	93	100	0.00	0.00	3964	0	0.000000	0.00	-1000.000
2-29-P	93	100	0.00	0.00	2738	0	0.000000	0.00	-1000.000
2-30-P	93	100	0.00	0.00	1837	0	0.000000	0.00	-1000.000
2-31-P	93	100	0.00	0.00	596	0	0.000000	0.00	-1000.000
2-32-P	93	100	0.00	0.00	343	0	0.000000	0.00	-1000.000
2-33-P	93	100	0.00	0.00	387	0	0.000000	0.00	-1000.000
2-34-P	93	100	0.00	0.00	712	0	0.000000	0.00	-1000.000
2-35-P	93	100	0.00	0.00	1887	0	0.000000	0.00	-1000.000
2-36-P	93	100	0.00	0.00	2885	0	0.000000	0.00	-1000.000
2-37-P	93	100	0.00	0.00	4144	0	0.000000	0.00	-1000.000
2-38-P	93	100	0.00	0.00	3356	0	0.000000	0.00	-1000.000
2-39-P	93	100	0.00	0.00	2235	0	0.000000	0.00	-1000.000
2-40-P	93	100	0.00	0.00	963	0	0.000000	0.00	-1000.000
2-41-P	93	100	0.00	0.00	501	0	0.000000	0.00	-1000.000
2-42-P	93	100	0.00	0.00	253	0	0.000000	0.00	-1000.000
2-43-P	93	100	0.00	0.00	501	0	0.000000	0.00	-1000.000
2-44-P	93	100	0.00	0.00	963	0	0.000000	0.00	-1000.000
2-45-P	93	100	0.00	0.00	2235	0	0.000000	0.00	-1000.000
2-46-P	93	100	0.00	0.00	3356	0	0.000000	0.00	-1000.000
2-47-P	93	100	0.00	0.00	4144	0	0.000000	0.00	-1000.000
2-48-P	93	100	0.00	0.00	2886	0	0.000000	0.00	-1000.000
2-49-P	93	100	0.00	0.00	1887	0	0.000000	0.00	-1000.000
2-50-P	93	100	0.00	0.00	712	0	0.000000	0.00	-1000.000
2-51-P	93	100	0.00	0.00	387	0	0.000000	0.00	-1000.000
2-52-P	93	100	0.00	0.00	343	0	0.000000	0.00	-1000.000
2-53-P	93	100	0.00	0.00	596	0	0.000000	0.00	-1000.000
2-54-P	93	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
2-55-P	93	100	0.00	0.00	2740	0	0.000000	0.00	-1000.000
2-56-P	93	100	0.00	0.00	3965	0	0.000000	0.00	-1000.000
2-57-P	93	100	0.00	0.00	3715	0	0.000000	0.00	-1000.000
2-58-P	93	100	0.00	0.00	2550	0	0.000000	0.00	-1000.000
2-59-P	93	100	0.00	0.00	1377	0	0.000000	0.00	-1000.000
2-60-P	93	100	0.00	0.00	564	0	0.000000	0.00	-1000.000
2-61-P	93	100	0.00	0.00	328	0	0.000000	0.00	-1000.000
2-62-P	93	100	0.00	0.00	496	0	0.000000	0.00	-1000.000
2-63-P	93	100	0.00	0.00	944	0	0.000000	0.00	-1000.000
2-64-P	93	100	0.00	0.00	2418	0	0.000000	0.00	-1000.000
2-65-P	93	100	0.00	0.00	3540	0	0.000000	0.00	-1000.000
2-66-P	93	100	0.00	0.00	4876	0	0.000000	0.00	-1000.000
2-67-P	93	100	0.00	0.00	3576	0	0.000000	0.00	-1000.000
2-68-P	93	100	0.00	0.00	2473	0	0.000000	0.00	-1000.000
2-69-P	93	100	0.00	0.00	1075	0	0.000000	0.00	-1000.000
2-70-P	93	100	0.00	0.00	602	0	0.000000	0.00	-1000.000
2-71-P	93	100	0.00	0.00	439	0	0.000000	0.00	-1000.000
2-72-P	93	100	0.00	0.00	759	0	0.000000	0.00	-1000.000
2-73-P	93	100	0.00	0.00	1982	0	0.000000	0.00	-1000.000
2-74-P	93	100	0.00	0.00	3321	0	0.000000	0.00	-1000.000
2-75-P	93	100	0.00	0.00	4410	0	0.000000	0.00	-1000.000
2-76-P	93	100	0.00	0.00	4543	0	0.000000	0.00	-1000.000
2-77-P	93	100	0.00	0.00	3101	0	0.000000	0.00	-1000.000
2-78-P	93	100	0.00	0.00	1969	0	0.000000	0.00	-1000.000
2-79-P	93	100	0.00	0.00	610	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
2-80-P	93	100	0.00	0.00	242	0	0.000000	0.00	-1000.000
2-81-P	93	100	0.00	0.00	145	0	0.000000	0.00	-1000.000
2-82-P	93	100	0.00	0.00	137	0	0.000000	0.00	-1000.000
2-83-P	93	100	0.00	0.00	364	0	0.000000	0.00	-1000.000
2-84-P	93	100	0.00	0.00	588	0	0.000000	0.00	-1000.000
2-85-P	93	100	0.00	0.00	8544	0	0.000000	0.00	-1000.000
3-1-P	93	100	0.00	0.00	8348	0	0.000000	0.00	-1000.000
3-2-P	93	100	0.00	0.00	6449	0	0.000000	0.00	-1000.000
3-3-P	93	100	0.00	0.00	9272	0	0.000000	0.00	-1000.000
3-4-P	93	100	0.00	0.00	10247	0	0.000000	0.00	-1000.000
3-5-P	93	100	0.00	0.00	10887	0	0.000000	0.00	-1000.000
3-6-P	93	100	0.00	0.00	11527	0	0.000000	0.00	-1000.000
3-7-P	93	100	0.00	0.00	11728	0	0.000000	0.00	-1000.000
3-8-P	93	100	0.00	0.00	11929	0	0.000000	0.00	-1000.000
3-9-P	93	100	0.00	0.00	11853	0	0.000000	0.00	-1000.000
3-10-P	93	100	0.00	0.00	11592	0	0.000000	0.00	-1000.000
3-11-P	93	100	0.00	0.00	11313	0	0.000000	0.00	-1000.000
3-12-P	93	100	0.00	0.00	10957	0	0.000000	0.00	-1000.000
3-13-P	93	100	0.00	0.00	10602	0	0.000000	0.00	-1000.000
3-14-P	93	100	0.00	0.00	10690	0	0.000000	0.00	-1000.000
3-15-P	93	100	0.00	0.00	10888	0	0.000000	0.00	-1000.000
3-16-P	93	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
3-17-P	93	100	0.00	0.00	11183	0	0.000000	0.00	-1000.000
3-18-P	93	100	0.00	0.00	11309	0	0.000000	0.00	-1000.000
3-19-P	93	100	0.00	0.00	11084	0	0.000000	0.00	-1000.000
3-20-P	93	100	0.00	0.00	10860	0	0.000000	0.00	-1000.000
3-21-P	93	100	0.00	0.00	10589	0	0.000000	0.00	-1000.000
3-22-P	93	100	0.00	0.00	10288	0	0.000000	0.00	-1000.000
3-23-P	93	100	0.00	0.00	10097	0	0.000000	0.00	-1000.000
3-24-P	93	100	0.00	0.00	10348	0	0.000000	0.00	-1000.000
3-25-P	93	100	0.00	0.00	10598	0	0.000000	0.00	-1000.000
3-26-P	93	100	0.00	0.00	10783	0	0.000000	0.00	-1000.000
3-27-P	93	100	0.00	0.00	10951	0	0.000000	0.00	-1000.000
3-28-P	93	100	0.00	0.00	10976	0	0.000000	0.00	-1000.000
3-29-P	93	100	0.00	0.00	10784	0	0.000000	0.00	-1000.000
3-30-P	93	100	0.00	0.00	10592	0	0.000000	0.00	-1000.000
3-31-P	93	100	0.00	0.00	10315	0	0.000000	0.00	-1000.000
3-32-P	93	100	0.00	0.00	10037	0	0.000000	0.00	-1000.000
3-33-P	93	100	0.00	0.00	10087	0	0.000000	0.00	-1000.000
3-34-P	93	100	0.00	0.00	10354	0	0.000000	0.00	-1000.000
3-35-P	93	100	0.00	0.00	10604	0	0.000000	0.00	-1000.000
3-36-P	93	100	0.00	0.00	10785	0	0.000000	0.00	-1000.000
3-37-P	93	100	0.00	0.00	10965	0	0.000000	0.00	-1000.000
3-38-P	93	100	0.00	0.00	10854	0	0.000000	0.00	-1000.000
3-39-P	93	100	0.00	0.00	10671	0	0.000000	0.00	-1000.000
3-40-P	93	100	0.00	0.00	10452	0	0.000000	0.00	-1000.000
3-41-P	93	100	0.00	0.00	10180	0	0.000000	0.00	-1000.000
3-42-P	93	100	0.00	0.00	9909	0	0.000000	0.00	-1000.000
3-43-P	93	100	0.00	0.00	10180	0	0.000000	0.00	-1000.000
3-44-P	93	100	0.00	0.00	10452	0	0.000000	0.00	-1000.000
3-45-P	93	100	0.00	0.00	10670	0	0.000000	0.00	-1000.000
3-46-P	93	100	0.00	0.00	10854	0	0.000000	0.00	-1000.000
3-47-P	93	100	0.00	0.00	10965	0	0.000000	0.00	-1000.000
3-48-P	93	100	0.00	0.00	10785	0	0.000000	0.00	-1000.000
3-49-P	93	100	0.00	0.00	10604	0	0.000000	0.00	-1000.000
3-50-P	93	100	0.00	0.00	10354	0	0.000000	0.00	-1000.000
3-51-P	93	100	0.00	0.00	10087	0	0.000000	0.00	-1000.000
3-52-P	93	100	0.00	0.00	10037	0	0.000000	0.00	-1000.000
3-53-P	93	100	0.00	0.00	10315	0	0.000000	0.00	-1000.000
3-54-P	93	100	0.00	0.00	10592	0	0.000000	0.00	-1000.000
3-55-P	93	100	0.00	0.00	10784	0	0.000000	0.00	-1000.000
3-56-P	93	100	0.00	0.00	10976	0	0.000000	0.00	-1000.000
3-57-P	93	100	0.00	0.00	10952	0	0.000000	0.00	-1000.000
3-58-P	93	100	0.00	0.00	10784	0	0.000000	0.00	-1000.000
3-59-P	93	100	0.00	0.00	10599	0	0.000000	0.00	-1000.000
3-60-P	93	100	0.00	0.00	10349	0	0.000000	0.00	-1000.000
3-61-P	93	100	0.00	0.00	10100	0	0.000000	0.00	-1000.000
3-62-P	93	100	0.00	0.00	10291	0	0.000000	0.00	-1000.000
3-63-P	93	100	0.00	0.00	0	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
3-64-P	93	100	0.00	0.00	10864	0	0.000000	0.00	-1000.000
3-65-P	93	100	0.00	0.00	11090	0	0.000000	0.00	-1000.000
3-66-P	93	100	0.00	0.00	11316	0	0.000000	0.00	-1000.000
3-67-P	93	100	0.00	0.00	11192	0	0.000000	0.00	-1000.000
3-68-P	93	100	0.00	0.00	11068	0	0.000000	0.00	-1000.000
3-69-P	93	100	0.00	0.00	10902	0	0.000000	0.00	-1000.000
3-70-P	93	100	0.00	0.00	10707	0	0.000000	0.00	-1000.000
3-71-P	93	100	0.00	0.00	10622	0	0.000000	0.00	-1000.000
3-72-P	93	100	0.00	0.00	10982	0	0.000000	0.00	-1000.000
3-73-P	93	100	0.00	0.00	11341	0	0.000000	0.00	-1000.000
3-74-P	93	100	0.00	0.00	11625	0	0.000000	0.00	-1000.000
3-75-P	93	100	0.00	0.00	11890	0	0.000000	0.00	-1000.000
3-76-P	93	100	0.00	0.00	11966	0	0.000000	0.00	-1000.000
3-77-P	93	100	0.00	0.00	11758	0	0.000000	0.00	-1000.000
3-78-P	93	100	0.00	0.00	11550	0	0.000000	0.00	-1000.000
3-79-P	93	100	0.00	0.00	10758	0	0.000000	0.00	-1000.000
3-80-P	93	100	0.00	0.00	9967	0	0.000000	0.00	-1000.000
3-81-P	93	100	0.00	0.00	8726	0	0.000000	0.00	-1000.000
3-82-P	93	100	0.00	0.00	7184	0	0.000000	0.00	-1000.000
3-83-P	93	100	0.00	0.00	5699	0	0.000000	0.00	-1000.000
3-84-P	93	100	0.00	0.00	4228	0	0.000000	0.00	-1000.000
3-85-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-1-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-2-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-3-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-4-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-5-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-6-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-7-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-8-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-9-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-10-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-11-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-12-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-13-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-14-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-15-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-16-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-17-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-18-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-19-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-20-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-21-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-22-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-23-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-24-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-25-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-26-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-27-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-28-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-29-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-30-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-31-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-32-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-33-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-34-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-35-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-36-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-37-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-38-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-39-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-40-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-41-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-42-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-43-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-44-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-45-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-46-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-47-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
5-48-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-49-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-50-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-51-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-52-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-53-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-54-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-55-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-56-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-57-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-58-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-59-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-60-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-61-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-62-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-63-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-64-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-65-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-66-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-67-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-68-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-69-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-70-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-71-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-72-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-73-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-74-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-75-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-76-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-77-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-78-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-79-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-80-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-81-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-82-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-83-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-84-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-85-P	10	100	0.00	0.00	9399	0	0.000000	0.00	-1000.000
6-1-S	100	100	0.00	0.00	975	0	0.000000	0.00	-1000.000
6-2-S	100	100	0.00	0.00	257	0	0.000000	0.00	-1000.000
6-3-S	100	100	0.00	0.00	509	0	0.000000	0.00	-1000.000
6-4-S	100	100	0.00	0.00	209	0	0.000000	0.00	-1000.000
6-5-S	100	100	0.00	0.00	12	0	0.000000	0.00	-1000.000
6-6-S	100	100	0.00	0.00	176	0	0.000000	0.00	-1000.000
6-7-S	100	100	0.00	0.00	5640	0	0.000000	0.00	-1000.000
6-8-S	100	100	0.00	0.00	18025	0	0.000000	0.00	-1000.000
6-9-S	100	100	0.00	0.00	29915	0	0.000000	0.00	-1000.000
6-10-S	100	100	0.00	0.00	41751	0	0.000000	0.00	-1000.000
6-11-S	100	100	0.00	0.00	53562	0	0.000000	0.00	-1000.000
6-12-S	100	100	0.00	0.00	65472	0	0.000000	0.00	-1000.000
6-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
6-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
6-15-S	100	100	0.00	0.00	3511	0	0.000000	0.00	-1000.000
7-1-S	100	100	0.00	0.00	74	0	0.000000	0.00	-1000.000
7-2-S	100	100	0.00	0.00	426	0	0.000000	0.00	-1000.000
7-3-S	100	100	0.00	0.00	688	0	0.000000	0.00	-1000.000
7-4-S	100	100	0.00	0.00	307	0	0.000000	0.00	-1000.000
7-5-S	100	100	0.00	0.00	23	0	0.000000	0.00	-1000.000
7-6-S	100	100	0.00	0.00	1529	0	0.000000	0.00	-1000.000
7-7-S	100	100	0.00	0.00	8959	0	0.000000	0.00	-1000.000
7-8-S	100	100	0.00	0.00	19501	0	0.000000	0.00	-1000.000
7-9-S	100	100	0.00	0.00	30326	0	0.000000	0.00	-1000.000
7-10-S	100	100	0.00	0.00	41176	0	0.000000	0.00	-1000.000
7-11-S	100	100	0.00	0.00	52014	0	0.000000	0.00	-1000.000
7-12-S	100	100	0.00	0.00	62818	0	0.000000	0.00	-1000.000
7-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
7-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
7-15-S	100	100	0.00	0.00	912	0	0.000000	0.00	-1000.000
8-1-S	100	100	0.00	0.00	310	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
8-2-S	100	100	0.00	0.00	684	0	0.000000	0.00	-1000.000
8-3-S	100	100	0.00	0.00	913	0	0.000000	0.00	-1000.000
8-4-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-5-S	100	100	0.00	0.00	273	0	0.000000	0.00	-1000.000
8-6-S	100	100	0.00	0.00	2550	0	0.000000	0.00	-1000.000
8-7-S	100	100	0.00	0.00	10720	0	0.000000	0.00	-1000.000
8-8-S	100	100	0.00	0.00	19731	0	0.000000	0.00	-1000.000
8-9-S	100	100	0.00	0.00	29811	0	0.000000	0.00	-1000.000
8-10-S	100	100	0.00	0.00	39989	0	0.000000	0.00	-1000.000
8-11-S	100	100	0.00	0.00	50148	0	0.000000	0.00	-1000.000
8-12-S	100	100	0.00	0.00	60211	0	0.000000	0.00	-1000.000
8-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-15-S	100	100	0.00	0.00	12808	0	0.000000	0.00	-1000.000
9-1-S	100	100	0.00	0.00	621	0	0.000000	0.00	-1000.000
9-2-S	100	100	0.00	0.00	209	0	0.000000	0.00	-1000.000
9-3-S	100	100	0.00	0.00	343	0	0.000000	0.00	-1000.000
9-4-S	100	100	0.00	0.00	158	0	0.000000	0.00	-1000.000
9-5-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
9-6-S	100	100	0.00	0.00	334	0	0.000000	0.00	-1000.000
9-7-S	100	100	0.00	0.00	5265	0	0.000000	0.00	-1000.000
9-8-S	100	100	0.00	0.00	18177	0	0.000000	0.00	-1000.000
9-9-S	100	100	0.00	0.00	28699	0	0.000000	0.00	-1000.000
9-10-S	100	100	0.00	0.00	38997	0	0.000000	0.00	-1000.000
9-11-S	100	100	0.00	0.00	49166	0	0.000000	0.00	-1000.000
9-12-S	100	100	0.00	0.00	58928	0	0.000000	0.00	-1000.000
9-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
9-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
9-15-S	100	100	0.00	0.00	749	0	0.000000	0.00	-1000.000
10-1-S	100	100	0.00	0.00	340	0	0.000000	0.00	-1000.000
10-2-S	100	100	0.00	0.00	572	0	0.000000	0.00	-1000.000
10-3-S	100	100	0.00	0.00	775	0	0.000000	0.00	-1000.000
10-4-S	100	100	0.00	0.00	440	0	0.000000	0.00	-1000.000
10-5-S	100	100	0.00	0.00	131	0	0.000000	0.00	-1000.000
10-6-S	100	100	0.00	0.00	3021	0	0.000000	0.00	-1000.000
10-7-S	100	100	0.00	0.00	11007	0	0.000000	0.00	-1000.000
10-8-S	100	100	0.00	0.00	18994	0	0.000000	0.00	-1000.000
10-9-S	100	100	0.00	0.00	28571	0	0.000000	0.00	-1000.000
10-10-S	100	100	0.00	0.00	38296	0	0.000000	0.00	-1000.000
10-11-S	100	100	0.00	0.00	48009	0	0.000000	0.00	-1000.000
10-12-S	100	100	0.00	0.00	57660	0	0.000000	0.00	-1000.000
10-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
10-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
10-15-S	100	100	0.00	0.00	12849	0	0.000000	0.00	-1000.000
11-1-S	100	100	0.00	0.00	616	0	0.000000	0.00	-1000.000
11-2-S	100	100	0.00	0.00	241	0	0.000000	0.00	-1000.000
11-3-S	100	100	0.00	0.00	387	0	0.000000	0.00	-1000.000
11-4-S	100	100	0.00	0.00	193	0	0.000000	0.00	-1000.000
11-5-S	100	100	0.00	0.00	34	0	0.000000	0.00	-1000.000
11-6-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-7-S	100	100	0.00	0.00	4668	0	0.000000	0.00	-1000.000
11-8-S	100	100	0.00	0.00	17452	0	0.000000	0.00	-1000.000
11-9-S	100	100	0.00	0.00	27816	0	0.000000	0.00	-1000.000
11-10-S	100	100	0.00	0.00	37956	0	0.000000	0.00	-1000.000
11-11-S	100	100	0.00	0.00	47967	0	0.000000	0.00	-1000.000
11-12-S	100	100	0.00	0.00	57582	0	0.000000	0.00	-1000.000
11-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-15-S	100	100	0.00	0.00	791	0	0.000000	0.00	-1000.000
12-1-S	100	100	0.00	0.00	209	0	0.000000	0.00	-1000.000
12-2-S	100	100	0.00	0.00	549	0	0.000000	0.00	-1000.000
12-3-S	100	100	0.00	0.00	736	0	0.000000	0.00	-1000.000
12-4-S	100	100	0.00	0.00	442	0	0.000000	0.00	-1000.000
12-5-S	100	100	0.00	0.00	75	0	0.000000	0.00	-1000.000
12-6-S	100	100	0.00	0.00	1962	0	0.000000	0.00	-1000.000
12-7-S	100	100	0.00	0.00	9682	0	0.000000	0.00	-1000.000
12-8-S	100	100	0.00	0.00	18353	0	0.000000	0.00	-1000.000
12-9-S	100	100	0.00	0.00	28001	0	0.000000	0.00	-1000.000
12-10-S	100	100	0.00	0.00	37739	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
12-11-S	100	100	0.00	0.00	47454	0	0.000000	0.00	-1000.000
12-12-S	100	100	0.00	0.00	57066	0	0.000000	0.00	-1000.000
12-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
12-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
12-15-S	100	100	0.00	0.00	3225	0	0.000000	0.00	-1000.000
13-1-S	100	100	0.00	0.00	127	0	0.000000	0.00	-1000.000
13-2-S	100	100	0.00	0.00	509	0	0.000000	0.00	-1000.000
13-3-S	100	100	0.00	0.00	759	0	0.000000	0.00	-1000.000
13-4-S	100	100	0.00	0.00	394	0	0.000000	0.00	-1000.000
13-5-S	100	100	0.00	0.00	92	0	0.000000	0.00	-1000.000
13-6-S	100	100	0.00	0.00	1211	0	0.000000	0.00	-1000.000
13-7-S	100	100	0.00	0.00	8007	0	0.000000	0.00	-1000.000
13-8-S	100	100	0.00	0.00	17941	0	0.000000	0.00	-1000.000
13-9-S	100	100	0.00	0.00	27804	0	0.000000	0.00	-1000.000
13-10-S	100	100	0.00	0.00	37661	0	0.000000	0.00	-1000.000
13-11-S	100	100	0.00	0.00	47460	0	0.000000	0.00	-1000.000
13-12-S	100	100	0.00	0.00	57076	0	0.000000	0.00	-1000.000
13-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
13-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
13-15-S	100	100	0.00	0.00	9671	0	0.000000	0.00	-1000.000
14-1-S	100	100	0.00	0.00	645	0	0.000000	0.00	-1000.000
14-2-S	100	100	0.00	0.00	404	0	0.000000	0.00	-1000.000
14-3-S	100	100	0.00	0.00	634	0	0.000000	0.00	-1000.000
14-4-S	100	100	0.00	0.00	314	0	0.000000	0.00	-1000.000
14-5-S	100	100	0.00	0.00	49	0	0.000000	0.00	-1000.000
14-6-S	100	100	0.00	0.00	626	0	0.000000	0.00	-1000.000
14-7-S	100	100	0.00	0.00	5848	0	0.000000	0.00	-1000.000
14-8-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-9-S	100	100	0.00	0.00	27590	0	0.000000	0.00	-1000.000
14-10-S	100	100	0.00	0.00	37609	0	0.000000	0.00	-1000.000
14-11-S	100	100	0.00	0.00	47527	0	0.000000	0.00	-1000.000
14-12-S	100	100	0.00	0.00	57145	0	0.000000	0.00	-1000.000
14-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-15-S	100	100	0.00	0.00	739	0	0.000000	0.00	-1000.000
15-1-S	100	100	0.00	0.00	255	0	0.000000	0.00	-1000.000
15-2-S	100	100	0.00	0.00	644	0	0.000000	0.00	-1000.000
15-3-S	100	100	0.00	0.00	951	0	0.000000	0.00	-1000.000
15-4-S	100	100	0.00	0.00	510	0	0.000000	0.00	-1000.000
15-5-S	100	100	0.00	0.00	96	0	0.000000	0.00	-1000.000
15-6-S	100	100	0.00	0.00	2424	0	0.000000	0.00	-1000.000
15-7-S	100	100	0.00	0.00	10370	0	0.000000	0.00	-1000.000
15-8-S	100	100	0.00	0.00	18349	0	0.000000	0.00	-1000.000
15-9-S	100	100	0.00	0.00	27878	0	0.000000	0.00	-1000.000
15-10-S	100	100	0.00	0.00	37551	0	0.000000	0.00	-1000.000
15-11-S	100	100	0.00	0.00	47218	0	0.000000	0.00	-1000.000
15-12-S	100	100	0.00	0.00	56839	0	0.000000	0.00	-1000.000
15-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
15-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
15-15-S	100	100	0.00	0.00	12863	0	0.000000	0.00	-1000.000
16-1-S	100	100	0.00	0.00	579	0	0.000000	0.00	-1000.000
16-2-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-3-S	100	100	0.00	0.00	9	0	0.000000	0.00	-1000.000
16-4-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-5-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-6-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-7-S	100	100	0.00	0.00	3748	0	0.000000	0.00	-1000.000
16-8-S	100	100	0.00	0.00	16956	0	0.000000	0.00	-1000.000
16-9-S	100	100	0.00	0.00	27391	0	0.000000	0.00	-1000.000
16-10-S	100	100	0.00	0.00	37565	0	0.000000	0.00	-1000.000
16-11-S	100	100	0.00	0.00	47601	0	0.000000	0.00	-1000.000
16-12-S	100	100	0.00	0.00	57219	0	0.000000	0.00	-1000.000
16-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-15-S	100	100	0.00	0.00	739	0	0.000000	0.00	-1000.000
17-1-S	100	100	0.00	0.00	255	0	0.000000	0.00	-1000.000
17-2-S	100	100	0.00	0.00	644	0	0.000000	0.00	-1000.000
17-3-S	100	100	0.00	0.00	951	0	0.000000	0.00	-1000.000
17-4-S	100	100	0.00	0.00	510	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
17-5-S	100	100	0.00	0.00	96	0	0.000000	0.00	-1000.000
17-6-S	100	100	0.00	0.00	2424	0	0.000000	0.00	-1000.000
17-7-S	100	100	0.00	0.00	10370	0	0.000000	0.00	-1000.000
17-8-S	100	100	0.00	0.00	18349	0	0.000000	0.00	-1000.000
17-9-S	100	100	0.00	0.00	27878	0	0.000000	0.00	-1000.000
17-10-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-11-S	100	100	0.00	0.00	47217	0	0.000000	0.00	-1000.000
17-12-S	100	100	0.00	0.00	56838	0	0.000000	0.00	-1000.000
17-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-15-S	100	100	0.00	0.00	9672	0	0.000000	0.00	-1000.000
18-1-S	100	100	0.00	0.00	646	0	0.000000	0.00	-1000.000
18-2-S	100	100	0.00	0.00	404	0	0.000000	0.00	-1000.000
18-3-S	100	100	0.00	0.00	634	0	0.000000	0.00	-1000.000
18-4-S	100	100	0.00	0.00	314	0	0.000000	0.00	-1000.000
18-5-S	100	100	0.00	0.00	49	0	0.000000	0.00	-1000.000
18-6-S	100	100	0.00	0.00	626	0	0.000000	0.00	-1000.000
18-7-S	100	100	0.00	0.00	5848	0	0.000000	0.00	-1000.000
18-8-S	100	100	0.00	0.00	17435	0	0.000000	0.00	-1000.000
18-9-S	100	100	0.00	0.00	27590	0	0.000000	0.00	-1000.000
18-10-S	100	100	0.00	0.00	37608	0	0.000000	0.00	-1000.000
18-11-S	100	100	0.00	0.00	47526	0	0.000000	0.00	-1000.000
18-12-S	100	100	0.00	0.00	57143	0	0.000000	0.00	-1000.000
18-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
18-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
18-15-S	100	100	0.00	0.00	3225	0	0.000000	0.00	-1000.000
19-1-S	100	100	0.00	0.00	128	0	0.000000	0.00	-1000.000
19-2-S	100	100	0.00	0.00	509	0	0.000000	0.00	-1000.000
19-3-S	100	100	0.00	0.00	760	0	0.000000	0.00	-1000.000
19-4-S	100	100	0.00	0.00	394	0	0.000000	0.00	-1000.000
19-5-S	100	100	0.00	0.00	92	0	0.000000	0.00	-1000.000
19-6-S	100	100	0.00	0.00	1211	0	0.000000	0.00	-1000.000
19-7-S	100	100	0.00	0.00	8008	0	0.000000	0.00	-1000.000
19-8-S	100	100	0.00	0.00	17942	0	0.000000	0.00	-1000.000
19-9-S	100	100	0.00	0.00	27804	0	0.000000	0.00	-1000.000
19-10-S	100	100	0.00	0.00	37660	0	0.000000	0.00	-1000.000
19-11-S	100	100	0.00	0.00	47460	0	0.000000	0.00	-1000.000
19-12-S	100	100	0.00	0.00	57075	0	0.000000	0.00	-1000.000
19-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
19-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
19-15-S	100	100	0.00	0.00	791	0	0.000000	0.00	-1000.000
20-1-S	100	100	0.00	0.00	209	0	0.000000	0.00	-1000.000
20-2-S	100	100	0.00	0.00	549	0	0.000000	0.00	-1000.000
20-3-S	100	100	0.00	0.00	736	0	0.000000	0.00	-1000.000
20-4-S	100	100	0.00	0.00	442	0	0.000000	0.00	-1000.000
20-5-S	100	100	0.00	0.00	75	0	0.000000	0.00	-1000.000
20-6-S	100	100	0.00	0.00	1964	0	0.000000	0.00	-1000.000
20-7-S	100	100	0.00	0.00	9684	0	0.000000	0.00	-1000.000
20-8-S	100	100	0.00	0.00	18355	0	0.000000	0.00	-1000.000
20-9-S	100	100	0.00	0.00	28003	0	0.000000	0.00	-1000.000
20-10-S	100	100	0.00	0.00	37740	0	0.000000	0.00	-1000.000
20-11-S	100	100	0.00	0.00	47454	0	0.000000	0.00	-1000.000
20-12-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
20-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
20-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
20-15-S	100	100	0.00	0.00	12850	0	0.000000	0.00	-1000.000
21-1-S	100	100	0.00	0.00	617	0	0.000000	0.00	-1000.000
21-2-S	100	100	0.00	0.00	242	0	0.000000	0.00	-1000.000
21-3-S	100	100	0.00	0.00	388	0	0.000000	0.00	-1000.000
21-4-S	100	100	0.00	0.00	194	0	0.000000	0.00	-1000.000
21-5-S	100	100	0.00	0.00	34	0	0.000000	0.00	-1000.000
21-6-S	100	100	0.00	0.00	313	0	0.000000	0.00	-1000.000
21-7-S	100	100	0.00	0.00	4673	0	0.000000	0.00	-1000.000
21-8-S	100	100	0.00	0.00	17458	0	0.000000	0.00	-1000.000
21-9-S	100	100	0.00	0.00	27822	0	0.000000	0.00	-1000.000
21-10-S	100	100	0.00	0.00	37961	0	0.000000	0.00	-1000.000
21-11-S	100	100	0.00	0.00	47971	0	0.000000	0.00	-1000.000
21-12-S	100	100	0.00	0.00	57585	0	0.000000	0.00	-1000.000
21-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
21-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
21-15-S	100	100	0.00	0.00	749	0	0.000000	0.00	-1000.000
22-1-S	100	100	0.00	0.00	341	0	0.000000	0.00	-1000.000
22-2-S	100	100	0.00	0.00	573	0	0.000000	0.00	-1000.000
22-3-S	100	100	0.00	0.00	776	0	0.000000	0.00	-1000.000
22-4-S	100	100	0.00	0.00	441	0	0.000000	0.00	-1000.000
22-5-S	100	100	0.00	0.00	132	0	0.000000	0.00	-1000.000
22-6-S	100	100	0.00	0.00	3031	0	0.000000	0.00	-1000.000
22-7-S	100	100	0.00	0.00	11019	0	0.000000	0.00	-1000.000
22-8-S	100	100	0.00	0.00	19008	0	0.000000	0.00	-1000.000
22-9-S	100	100	0.00	0.00	28585	0	0.000000	0.00	-1000.000
22-10-S	100	100	0.00	0.00	38310	0	0.000000	0.00	-1000.000
22-11-S	100	100	0.00	0.00	48023	0	0.000000	0.00	-1000.000
22-12-S	100	100	0.00	0.00	57673	0	0.000000	0.00	-1000.000
22-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
22-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
22-15-S	100	100	0.00	0.00	12810	0	0.000000	0.00	-1000.000
23-1-S	100	100	0.00	0.00	622	0	0.000000	0.00	-1000.000
23-2-S	100	100	0.00	0.00	210	0	0.000000	0.00	-1000.000
23-3-S	100	100	0.00	0.00	343	0	0.000000	0.00	-1000.000
23-4-S	100	100	0.00	0.00	158	0	0.000000	0.00	-1000.000
23-5-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
23-6-S	100	100	0.00	0.00	337	0	0.000000	0.00	-1000.000
23-7-S	100	100	0.00	0.00	5289	0	0.000000	0.00	-1000.000
23-8-S	100	100	0.00	0.00	18204	0	0.000000	0.00	-1000.000
23-9-S	100	100	0.00	0.00	28729	0	0.000000	0.00	-1000.000
23-10-S	100	100	0.00	0.00	39030	0	0.000000	0.00	-1000.000
23-11-S	100	100	0.00	0.00	49202	0	0.000000	0.00	-1000.000
23-12-S	100	100	0.00	0.00	58965	0	0.000000	0.00	-1000.000
23-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
23-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
23-15-S	100	100	0.00	0.00	916	0	0.000000	0.00	-1000.000
24-1-S	100	100	0.00	0.00	314	0	0.000000	0.00	-1000.000
24-2-S	100	100	0.00	0.00	689	0	0.000000	0.00	-1000.000
24-3-S	100	100	0.00	0.00	919	0	0.000000	0.00	-1000.000
24-4-S	100	100	0.00	0.00	645	0	0.000000	0.00	-1000.000
24-5-S	100	100	0.00	0.00	281	0	0.000000	0.00	-1000.000
24-6-S	100	100	0.00	0.00	2567	0	0.000000	0.00	-1000.000
24-7-S	100	100	0.00	0.00	10751	0	0.000000	0.00	-1000.000
24-8-S	100	100	0.00	0.00	19771	0	0.000000	0.00	-1000.000
24-9-S	100	100	0.00	0.00	29864	0	0.000000	0.00	-1000.000
24-10-S	100	100	0.00	0.00	40056	0	0.000000	0.00	-1000.000
24-11-S	100	100	0.00	0.00	50229	0	0.000000	0.00	-1000.000
24-12-S	100	100	0.00	0.00	60306	0	0.000000	0.00	-1000.000
24-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
24-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
24-15-S	100	100	0.00	0.00	3510	0	0.000000	0.00	-1000.000
25-1-S	100	100	0.00	0.00	74	0	0.000000	0.00	-1000.000
25-2-S	100	100	0.00	0.00	425	0	0.000000	0.00	-1000.000
25-3-S	100	100	0.00	0.00	686	0	0.000000	0.00	-1000.000
25-4-S	100	100	0.00	0.00	304	0	0.000000	0.00	-1000.000
25-5-S	100	100	0.00	0.00	22	0	0.000000	0.00	-1000.000
25-6-S	100	100	0.00	0.00	1538	0	0.000000	0.00	-1000.000
25-7-S	100	100	0.00	0.00	8984	0	0.000000	0.00	-1000.000
25-8-S	100	100	0.00	0.00	19532	0	0.000000	0.00	-1000.000
25-9-S	100	100	0.00	0.00	30381	0	0.000000	0.00	-1000.000
25-10-S	100	100	0.00	0.00	41257	0	0.000000	0.00	-1000.000
25-11-S	100	100	0.00	0.00	52145	0	0.000000	0.00	-1000.000
25-12-S	100	100	0.00	0.00	63077	0	0.000000	0.00	-1000.000
25-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
25-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
25-15-S	100	100	0.00	0.00	9393	0	0.000000	0.00	-1000.000
26-1-S	100	100	0.00	0.00	972	0	0.000000	0.00	-1000.000
26-2-S	100	100	0.00	0.00	259	0	0.000000	0.00	-1000.000
26-3-S	100	100	0.00	0.00	507	0	0.000000	0.00	-1000.000
26-4-S	100	100	0.00	0.00	194	0	0.000000	0.00	-1000.000
26-5-S	100	100	0.00	0.00	2	0	0.000000	0.00	-1000.000
26-6-S	100	100	0.00	0.00	194	0	0.000000	0.00	-1000.000
26-7-S	100	100	0.00	0.00	5855	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
26-8-S	100	100	0.00	0.00	18477	0	0.000000	0.00	-1000.000
26-9-S	100	100	0.00	0.00	29972	0	0.000000	0.00	-1000.000
26-10-S	100	100	0.00	0.00	41347	0	0.000000	0.00	-1000.000
26-11-S	100	100	0.00	0.00	53008	0	0.000000	0.00	-1000.000
26-12-S	100	100	0.00	0.00	65670	0	0.000000	0.00	-1000.000
26-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
26-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
26-15-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000

Pali in c.a.

Apertura limite fessure w_{lim}=0.400 mm

Ip	Is	Af	Aeff	Mpf	M	N	ε	Sm	wm
		[cmq]	[cmq]	[kgm]	[kgm]	[kg]	[%]	[mm]	[mm]
1	1	74.33	4383.74	21270	-72268	-43955	0.0570	544.80	0.31
2	1	63.71	3755.64	27981	-72268	95021	0.0398	544.95	0.22

Combinazioni SLEQ

Paramento

Apertura limite fessure w_{lim}=0.30

n°	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1	100	40	0.00	0.00	0	0	0.000000	0.00	0.000 (15)
2	100	42	0.00	0.00	-1	-641	0.000000	0.00	0.000 (15)
3	100	43	0.00	0.00	-5	-1396	0.000000	0.00	0.000 (15)
4	100	45	0.00	0.00	-11	-2272	0.000000	0.00	0.000 (15)
5	100	47	0.00	0.00	-20	-3278	0.000000	0.00	0.000 (15)
6	100	48	0.00	0.00	-31	-4423	0.000000	0.00	0.000 (15)
7	100	50	0.00	0.00	-45	-5715	0.000000	0.00	0.000 (15)
8	100	52	0.00	0.00	-62	-7162	0.000000	0.00	0.000 (15)
9	100	53	0.00	0.00	-82	-8775	0.000000	0.00	0.000 (15)
10	100	55	0.00	0.00	-105	-10561	0.000000	0.00	0.000 (15)
11	100	57	0.00	0.00	-132	-12506	0.000000	0.00	0.000 (15)
12	100	59	0.00	0.00	-157	-14040	0.000000	0.00	0.000 (15)
13	100	60	0.00	0.00	-169	-13408	0.000000	0.00	0.000 (15)
14	100	62	0.00	0.00	-150	-9871	0.000000	0.00	0.000 (15)
15	100	64	0.00	0.00	-87	-4431	0.000000	0.00	0.000 (15)
16	100	65	0.00	0.00	37	1612	0.000000	0.00	0.000 (15)
17	100	67	0.00	0.00	238	13839	0.000000	0.00	0.000 (15)
18	100	69	0.00	0.00	532	61377	0.000000	0.00	0.000 (15)
19	100	70	0.00	0.00	933	351670	0.000000	0.00	0.000 (15)
20	100	72	12.57	924.49	1458	86605	0.000000	0.00	0.000 (15)
21	100	74	12.57	1607.81	2122	62494	0.000000	0.00	0.000 (15)

Piastra fondazione

Apertura limite fessure w_{lim}=0.30

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-1-P	93	100	0.00	0.00	1319	0	0.000000	0.00	-1000.000
1-2-P	93	100	0.00	0.00	723	0	0.000000	0.00	-1000.000
1-3-P	93	100	0.00	0.00	14	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-4-P	93	100	0.00	0.00	4	0	0.000000	0.00	-1000.000
1-5-P	93	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
1-6-P	93	100	0.00	0.00	2823	0	0.000000	0.00	-1000.000
1-7-P	93	100	0.00	0.00	2835	0	0.000000	0.00	-1000.000
1-8-P	93	100	0.00	0.00	4102	0	0.000000	0.00	-1000.000
1-9-P	93	100	0.00	0.00	4081	0	0.000000	0.00	-1000.000
1-10-P	93	100	0.00	0.00	3360	0	0.000000	0.00	-1000.000
1-11-P	93	100	0.00	0.00	2202	0	0.000000	0.00	-1000.000
1-12-P	93	100	0.00	0.00	76	0	0.000000	0.00	-1000.000
1-13-P	93	100	0.00	0.00	137	0	0.000000	0.00	-1000.000
1-14-P	93	100	0.00	0.00	38	0	0.000000	0.00	-1000.000
1-15-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-16-P	93	100	0.00	0.00	2967	0	0.000000	0.00	-1000.000
1-17-P	93	100	0.00	0.00	3448	0	0.000000	0.00	-1000.000
1-18-P	93	100	0.00	0.00	4865	0	0.000000	0.00	-1000.000
1-19-P	93	100	0.00	0.00	3518	0	0.000000	0.00	-1000.000
1-20-P	93	100	0.00	0.00	3045	0	0.000000	0.00	-1000.000
1-21-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-22-P	93	100	0.00	0.00	35	0	0.000000	0.00	-1000.000
1-23-P	93	100	0.00	0.00	99	0	0.000000	0.00	-1000.000
1-24-P	93	100	0.00	0.00	40	0	0.000000	0.00	-1000.000
1-25-P	93	100	0.00	0.00	1740	0	0.000000	0.00	-1000.000
1-26-P	93	100	0.00	0.00	2817	0	0.000000	0.00	-1000.000
1-27-P	93	100	0.00	0.00	3612	0	0.000000	0.00	-1000.000
1-28-P	93	100	0.00	0.00	3877	0	0.000000	0.00	-1000.000
1-29-P	93	100	0.00	0.00	2926	0	0.000000	0.00	-1000.000
1-30-P	93	100	0.00	0.00	2943	0	0.000000	0.00	-1000.000
1-31-P	93	100	0.00	0.00	34	0	0.000000	0.00	-1000.000
1-32-P	93	100	0.00	0.00	61	0	0.000000	0.00	-1000.000
1-33-P	93	100	0.00	0.00	39	0	0.000000	0.00	-1000.000
1-34-P	93	100	0.00	0.00	2	0	0.000000	0.00	-1000.000
1-35-P	93	100	0.00	0.00	2833	0	0.000000	0.00	-1000.000
1-36-P	93	100	0.00	0.00	2970	0	0.000000	0.00	-1000.000
1-37-P	93	100	0.00	0.00	4091	0	0.000000	0.00	-1000.000
1-38-P	93	100	0.00	0.00	3298	0	0.000000	0.00	-1000.000
1-39-P	93	100	0.00	0.00	2725	0	0.000000	0.00	-1000.000
1-40-P	93	100	0.00	0.00	532	0	0.000000	0.00	-1000.000
1-41-P	93	100	0.00	0.00	37	0	0.000000	0.00	-1000.000
1-42-P	93	100	0.00	0.00	122	0	0.000000	0.00	-1000.000
1-43-P	93	100	0.00	0.00	37	0	0.000000	0.00	-1000.000
1-44-P	93	100	0.00	0.00	532	0	0.000000	0.00	-1000.000
1-45-P	93	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
1-46-P	93	100	0.00	0.00	3298	0	0.000000	0.00	-1000.000
1-47-P	93	100	0.00	0.00	4091	0	0.000000	0.00	-1000.000
1-48-P	93	100	0.00	0.00	2970	0	0.000000	0.00	-1000.000
1-49-P	93	100	0.00	0.00	2833	0	0.000000	0.00	-1000.000
1-50-P	93	100	0.00	0.00	2	0	0.000000	0.00	-1000.000
1-51-P	93	100	0.00	0.00	39	0	0.000000	0.00	-1000.000
1-52-P	93	100	0.00	0.00	61	0	0.000000	0.00	-1000.000
1-53-P	93	100	0.00	0.00	34	0	0.000000	0.00	-1000.000
1-54-P	93	100	0.00	0.00	2943	0	0.000000	0.00	-1000.000
1-55-P	93	100	0.00	0.00	2927	0	0.000000	0.00	-1000.000
1-56-P	93	100	0.00	0.00	3879	0	0.000000	0.00	-1000.000
1-57-P	93	100	0.00	0.00	3615	0	0.000000	0.00	-1000.000
1-58-P	93	100	0.00	0.00	2819	0	0.000000	0.00	-1000.000
1-59-P	93	100	0.00	0.00	1741	0	0.000000	0.00	-1000.000
1-60-P	93	100	0.00	0.00	40	0	0.000000	0.00	-1000.000
1-61-P	93	100	0.00	0.00	100	0	0.000000	0.00	-1000.000
1-62-P	93	100	0.00	0.00	36	0	0.000000	0.00	-1000.000
1-63-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-64-P	93	100	0.00	0.00	3053	0	0.000000	0.00	-1000.000
1-65-P	93	100	0.00	0.00	3530	0	0.000000	0.00	-1000.000
1-66-P	93	100	0.00	0.00	4879	0	0.000000	0.00	-1000.000
1-67-P	93	100	0.00	0.00	3460	0	0.000000	0.00	-1000.000
1-68-P	93	100	0.00	0.00	2975	0	0.000000	0.00	-1000.000
1-69-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
1-70-P	93	100	0.00	0.00	40	0	0.000000	0.00	-1000.000
1-71-P	93	100	0.00	0.00	139	0	0.000000	0.00	-1000.000
1-72-P	93	100	0.00	0.00	78	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
1-73-P	93	100	0.00	0.00	2224	0	0.000000	0.00	-1000.000
1-74-P	93	100	0.00	0.00	3391	0	0.000000	0.00	-1000.000
1-75-P	93	100	0.00	0.00	4114	0	0.000000	0.00	-1000.000
1-76-P	93	100	0.00	0.00	4135	0	0.000000	0.00	-1000.000
1-77-P	93	100	0.00	0.00	2860	0	0.000000	0.00	-1000.000
1-78-P	93	100	0.00	0.00	2840	0	0.000000	0.00	-1000.000
1-79-P	93	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
1-80-P	93	100	0.00	0.00	4	0	0.000000	0.00	-1000.000
1-81-P	93	100	0.00	0.00	14	0	0.000000	0.00	-1000.000
1-82-P	93	100	0.00	0.00	721	0	0.000000	0.00	-1000.000
1-83-P	93	100	0.00	0.00	1322	0	0.000000	0.00	-1000.000
1-84-P	93	100	0.00	0.00	1651	0	0.000000	0.00	-1000.000
1-85-P	93	100	0.00	0.00	446	0	0.000000	0.00	-1000.000
2-1-P	93	100	0.00	0.00	205	0	0.000000	0.00	-1000.000
2-2-P	93	100	0.00	0.00	68	0	0.000000	0.00	-1000.000
2-3-P	93	100	0.00	0.00	51	0	0.000000	0.00	-1000.000
2-4-P	93	100	0.00	0.00	141	0	0.000000	0.00	-1000.000
2-5-P	93	100	0.00	0.00	407	0	0.000000	0.00	-1000.000
2-6-P	93	100	0.00	0.00	1364	0	0.000000	0.00	-1000.000
2-7-P	93	100	0.00	0.00	8	0	0.000000	0.00	-1000.000
2-8-P	93	100	0.00	0.00	3279	0	0.000000	0.00	-1000.000
2-9-P	93	100	0.00	0.00	3166	0	0.000000	0.00	-1000.000
2-10-P	93	100	0.00	0.00	2313	0	0.000000	0.00	-1000.000
2-11-P	93	100	0.00	0.00	1327	0	0.000000	0.00	-1000.000
2-12-P	93	100	0.00	0.00	505	0	0.000000	0.00	-1000.000
2-13-P	93	100	0.00	0.00	256	0	0.000000	0.00	-1000.000
2-14-P	93	100	0.00	0.00	366	0	0.000000	0.00	-1000.000
2-15-P	93	100	0.00	0.00	683	0	0.000000	0.00	-1000.000
2-16-P	93	100	0.00	0.00	1643	0	0.000000	0.00	-1000.000
2-17-P	93	100	0.00	0.00	2494	0	0.000000	0.00	-1000.000
2-18-P	93	100	0.00	0.00	3500	0	0.000000	0.00	-1000.000
2-19-P	93	100	0.00	0.00	2469	0	0.000000	0.00	-1000.000
2-20-P	93	100	0.00	0.00	1638	0	0.000000	0.00	-1000.000
2-21-P	93	100	0.00	0.00	585	0	0.000000	0.00	-1000.000
2-22-P	93	100	0.00	0.00	291	0	0.000000	0.00	-1000.000
2-23-P	93	100	0.00	0.00	183	0	0.000000	0.00	-1000.000
2-24-P	93	100	0.00	0.00	360	0	0.000000	0.00	-1000.000
2-25-P	93	100	0.00	0.00	871	0	0.000000	0.00	-1000.000
2-26-P	93	100	0.00	0.00	1711	0	0.000000	0.00	-1000.000
2-27-P	93	100	0.00	0.00	2611	0	0.000000	0.00	-1000.000
2-28-P	93	100	0.00	0.00	2806	0	0.000000	0.00	-1000.000
2-29-P	93	100	0.00	0.00	1859	0	0.000000	0.00	-1000.000
2-30-P	93	100	0.00	0.00	1249	0	0.000000	0.00	-1000.000
2-31-P	93	100	0.00	0.00	387	0	0.000000	0.00	-1000.000
2-32-P	93	100	0.00	0.00	191	0	0.000000	0.00	-1000.000
2-33-P	93	100	0.00	0.00	225	0	0.000000	0.00	-1000.000
2-34-P	93	100	0.00	0.00	422	0	0.000000	0.00	-1000.000
2-35-P	93	100	0.00	0.00	1295	0	0.000000	0.00	-1000.000
2-36-P	93	100	0.00	0.00	1975	0	0.000000	0.00	-1000.000
2-37-P	93	100	0.00	0.00	2948	0	0.000000	0.00	-1000.000
2-38-P	93	100	0.00	0.00	2339	0	0.000000	0.00	-1000.000
2-39-P	93	100	0.00	0.00	1487	0	0.000000	0.00	-1000.000
2-40-P	93	100	0.00	0.00	606	0	0.000000	0.00	-1000.000
2-41-P	93	100	0.00	0.00	296	0	0.000000	0.00	-1000.000
2-42-P	93	100	0.00	0.00	138	0	0.000000	0.00	-1000.000
2-43-P	93	100	0.00	0.00	296	0	0.000000	0.00	-1000.000
2-44-P	93	100	0.00	0.00	606	0	0.000000	0.00	-1000.000
2-45-P	93	100	0.00	0.00	1486	0	0.000000	0.00	-1000.000
2-46-P	93	100	0.00	0.00	2339	0	0.000000	0.00	-1000.000
2-47-P	93	100	0.00	0.00	2948	0	0.000000	0.00	-1000.000
2-48-P	93	100	0.00	0.00	1975	0	0.000000	0.00	-1000.000
2-49-P	93	100	0.00	0.00	1295	0	0.000000	0.00	-1000.000
2-50-P	93	100	0.00	0.00	422	0	0.000000	0.00	-1000.000
2-51-P	93	100	0.00	0.00	225	0	0.000000	0.00	-1000.000
2-52-P	93	100	0.00	0.00	191	0	0.000000	0.00	-1000.000
2-53-P	93	100	0.00	0.00	387	0	0.000000	0.00	-1000.000
2-54-P	93	100	0.00	0.00	8	0	0.000000	0.00	-1000.000
2-55-P	93	100	0.00	0.00	1860	0	0.000000	0.00	-1000.000
2-56-P	93	100	0.00	0.00	2807	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
2-57-P	93	100	0.00	0.00	2613	0	0.000000	0.00	-1000.000
2-58-P	93	100	0.00	0.00	1713	0	0.000000	0.00	-1000.000
2-59-P	93	100	0.00	0.00	873	0	0.000000	0.00	-1000.000
2-60-P	93	100	0.00	0.00	360	0	0.000000	0.00	-1000.000
2-61-P	93	100	0.00	0.00	183	0	0.000000	0.00	-1000.000
2-62-P	93	100	0.00	0.00	292	0	0.000000	0.00	-1000.000
2-63-P	93	100	0.00	0.00	587	0	0.000000	0.00	-1000.000
2-64-P	93	100	0.00	0.00	1645	0	0.000000	0.00	-1000.000
2-65-P	93	100	0.00	0.00	2478	0	0.000000	0.00	-1000.000
2-66-P	93	100	0.00	0.00	3511	0	0.000000	0.00	-1000.000
2-67-P	93	100	0.00	0.00	2506	0	0.000000	0.00	-1000.000
2-68-P	93	100	0.00	0.00	1655	0	0.000000	0.00	-1000.000
2-69-P	93	100	0.00	0.00	689	0	0.000000	0.00	-1000.000
2-70-P	93	100	0.00	0.00	371	0	0.000000	0.00	-1000.000
2-71-P	93	100	0.00	0.00	261	0	0.000000	0.00	-1000.000
2-72-P	93	100	0.00	0.00	512	0	0.000000	0.00	-1000.000
2-73-P	93	100	0.00	0.00	1349	0	0.000000	0.00	-1000.000
2-74-P	93	100	0.00	0.00	2343	0	0.000000	0.00	-1000.000
2-75-P	93	100	0.00	0.00	3199	0	0.000000	0.00	-1000.000
2-76-P	93	100	0.00	0.00	3311	0	0.000000	0.00	-1000.000
2-77-P	93	100	0.00	0.00	2216	0	0.000000	0.00	-1000.000
2-78-P	93	100	0.00	0.00	1383	0	0.000000	0.00	-1000.000
2-79-P	93	100	0.00	0.00	422	0	0.000000	0.00	-1000.000
2-80-P	93	100	0.00	0.00	153	0	0.000000	0.00	-1000.000
2-81-P	93	100	0.00	0.00	99	0	0.000000	0.00	-1000.000
2-82-P	93	100	0.00	0.00	96	0	0.000000	0.00	-1000.000
2-83-P	93	100	0.00	0.00	235	0	0.000000	0.00	-1000.000
2-84-P	93	100	0.00	0.00	428	0	0.000000	0.00	-1000.000
2-85-P	93	100	0.00	0.00	6390	0	0.000000	0.00	-1000.000
3-1-P	93	100	0.00	0.00	6181	0	0.000000	0.00	-1000.000
3-2-P	93	100	0.00	0.00	4717	0	0.000000	0.00	-1000.000
3-3-P	93	100	0.00	0.00	6800	0	0.000000	0.00	-1000.000
3-4-P	93	100	0.00	0.00	7517	0	0.000000	0.00	-1000.000
3-5-P	93	100	0.00	0.00	7985	0	0.000000	0.00	-1000.000
3-6-P	93	100	0.00	0.00	8453	0	0.000000	0.00	-1000.000
3-7-P	93	100	0.00	0.00	8597	0	0.000000	0.00	-1000.000
3-8-P	93	100	0.00	0.00	8741	0	0.000000	0.00	-1000.000
3-9-P	93	100	0.00	0.00	8672	0	0.000000	0.00	-1000.000
3-10-P	93	100	0.00	0.00	8461	0	0.000000	0.00	-1000.000
3-11-P	93	100	0.00	0.00	8236	0	0.000000	0.00	-1000.000
3-12-P	93	100	0.00	0.00	7956	0	0.000000	0.00	-1000.000
3-13-P	93	100	0.00	0.00	7675	0	0.000000	0.00	-1000.000
3-14-P	93	100	0.00	0.00	7744	0	0.000000	0.00	-1000.000
3-15-P	93	100	0.00	0.00	7901	0	0.000000	0.00	-1000.000
3-16-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
3-17-P	93	100	0.00	0.00	8136	0	0.000000	0.00	-1000.000
3-18-P	93	100	0.00	0.00	8237	0	0.000000	0.00	-1000.000
3-19-P	93	100	0.00	0.00	8061	0	0.000000	0.00	-1000.000
3-20-P	93	100	0.00	0.00	7885	0	0.000000	0.00	-1000.000
3-21-P	93	100	0.00	0.00	7672	0	0.000000	0.00	-1000.000
3-22-P	93	100	0.00	0.00	7436	0	0.000000	0.00	-1000.000
3-23-P	93	100	0.00	0.00	7287	0	0.000000	0.00	-1000.000
3-24-P	93	100	0.00	0.00	7485	0	0.000000	0.00	-1000.000
3-25-P	93	100	0.00	0.00	7683	0	0.000000	0.00	-1000.000
3-26-P	93	100	0.00	0.00	7830	0	0.000000	0.00	-1000.000
3-27-P	93	100	0.00	0.00	7964	0	0.000000	0.00	-1000.000
3-28-P	93	100	0.00	0.00	7984	0	0.000000	0.00	-1000.000
3-29-P	93	100	0.00	0.00	7833	0	0.000000	0.00	-1000.000
3-30-P	93	100	0.00	0.00	7681	0	0.000000	0.00	-1000.000
3-31-P	93	100	0.00	0.00	7464	0	0.000000	0.00	-1000.000
3-32-P	93	100	0.00	0.00	7246	0	0.000000	0.00	-1000.000
3-33-P	93	100	0.00	0.00	7285	0	0.000000	0.00	-1000.000
3-34-P	93	100	0.00	0.00	7496	0	0.000000	0.00	-1000.000
3-35-P	93	100	0.00	0.00	7693	0	0.000000	0.00	-1000.000
3-36-P	93	100	0.00	0.00	7836	0	0.000000	0.00	-1000.000
3-37-P	93	100	0.00	0.00	7979	0	0.000000	0.00	-1000.000
3-38-P	93	100	0.00	0.00	7891	0	0.000000	0.00	-1000.000
3-39-P	93	100	0.00	0.00	7746	0	0.000000	0.00	-1000.000
3-40-P	93	100	0.00	0.00	7573	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
3-41-P	93	100	0.00	0.00	7359	0	0.000000	0.00	-1000.000
3-42-P	93	100	0.00	0.00	7146	0	0.000000	0.00	-1000.000
3-43-P	93	100	0.00	0.00	7359	0	0.000000	0.00	-1000.000
3-44-P	93	100	0.00	0.00	7573	0	0.000000	0.00	-1000.000
3-45-P	93	100	0.00	0.00	7746	0	0.000000	0.00	-1000.000
3-46-P	93	100	0.00	0.00	7891	0	0.000000	0.00	-1000.000
3-47-P	93	100	0.00	0.00	7979	0	0.000000	0.00	-1000.000
3-48-P	93	100	0.00	0.00	7836	0	0.000000	0.00	-1000.000
3-49-P	93	100	0.00	0.00	7693	0	0.000000	0.00	-1000.000
3-50-P	93	100	0.00	0.00	7496	0	0.000000	0.00	-1000.000
3-51-P	93	100	0.00	0.00	7285	0	0.000000	0.00	-1000.000
3-52-P	93	100	0.00	0.00	7246	0	0.000000	0.00	-1000.000
3-53-P	93	100	0.00	0.00	7464	0	0.000000	0.00	-1000.000
3-54-P	93	100	0.00	0.00	7682	0	0.000000	0.00	-1000.000
3-55-P	93	100	0.00	0.00	7833	0	0.000000	0.00	-1000.000
3-56-P	93	100	0.00	0.00	7984	0	0.000000	0.00	-1000.000
3-57-P	93	100	0.00	0.00	7964	0	0.000000	0.00	-1000.000
3-58-P	93	100	0.00	0.00	7831	0	0.000000	0.00	-1000.000
3-59-P	93	100	0.00	0.00	7684	0	0.000000	0.00	-1000.000
3-60-P	93	100	0.00	0.00	7486	0	0.000000	0.00	-1000.000
3-61-P	93	100	0.00	0.00	7289	0	0.000000	0.00	-1000.000
3-62-P	93	100	0.00	0.00	7438	0	0.000000	0.00	-1000.000
3-63-P	93	100	0.00	0.00	8	0	0.000000	0.00	-1000.000
3-64-P	93	100	0.00	0.00	7888	0	0.000000	0.00	-1000.000
3-65-P	93	100	0.00	0.00	8065	0	0.000000	0.00	-1000.000
3-66-P	93	100	0.00	0.00	8242	0	0.000000	0.00	-1000.000
3-67-P	93	100	0.00	0.00	8143	0	0.000000	0.00	-1000.000
3-68-P	93	100	0.00	0.00	8044	0	0.000000	0.00	-1000.000
3-69-P	93	100	0.00	0.00	7911	0	0.000000	0.00	-1000.000
3-70-P	93	100	0.00	0.00	7757	0	0.000000	0.00	-1000.000
3-71-P	93	100	0.00	0.00	7690	0	0.000000	0.00	-1000.000
3-72-P	93	100	0.00	0.00	7974	0	0.000000	0.00	-1000.000
3-73-P	93	100	0.00	0.00	8258	0	0.000000	0.00	-1000.000
3-74-P	93	100	0.00	0.00	8486	0	0.000000	0.00	-1000.000
3-75-P	93	100	0.00	0.00	8700	0	0.000000	0.00	-1000.000
3-76-P	93	100	0.00	0.00	8769	0	0.000000	0.00	-1000.000
3-77-P	93	100	0.00	0.00	8621	0	0.000000	0.00	-1000.000
3-78-P	93	100	0.00	0.00	8472	0	0.000000	0.00	-1000.000
3-79-P	93	100	0.00	0.00	7892	0	0.000000	0.00	-1000.000
3-80-P	93	100	0.00	0.00	7312	0	0.000000	0.00	-1000.000
3-81-P	93	100	0.00	0.00	6413	0	0.000000	0.00	-1000.000
3-82-P	93	100	0.00	0.00	5302	0	0.000000	0.00	-1000.000
3-83-P	93	100	0.00	0.00	4215	0	0.000000	0.00	-1000.000
3-84-P	93	100	0.00	0.00	3135	0	0.000000	0.00	-1000.000
3-85-P	93	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-1-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-2-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-3-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-4-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-5-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-6-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-7-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-8-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-9-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-10-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-11-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-12-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-13-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-14-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-15-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-16-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-17-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-18-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-19-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-20-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-21-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-22-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-23-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-24-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
5-25-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-26-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-27-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-28-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-29-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-30-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-31-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-32-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-33-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-34-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-35-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-36-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-37-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-38-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-39-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-40-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-41-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-42-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-43-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-44-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-45-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-46-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-47-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-48-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-49-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-50-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-51-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-52-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-53-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-54-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-55-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-56-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-57-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-58-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-59-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-60-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-61-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-62-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-63-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-64-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-65-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-66-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-67-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-68-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-69-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-70-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-71-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-72-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-73-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-74-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-75-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-76-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-77-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-78-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-79-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-80-P	10	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
5-81-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-82-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-83-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-84-P	10	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
5-85-P	10	100	0.00	0.00	7410	0	0.000000	0.00	-1000.000
6-1-S	100	100	0.00	0.00	768	0	0.000000	0.00	-1000.000
6-2-S	100	100	0.00	0.00	199	0	0.000000	0.00	-1000.000
6-3-S	100	100	0.00	0.00	391	0	0.000000	0.00	-1000.000
6-4-S	100	100	0.00	0.00	148	0	0.000000	0.00	-1000.000
6-5-S	100	100	0.00	0.00	5	0	0.000000	0.00	-1000.000
6-6-S	100	100	0.00	0.00	53	0	0.000000	0.00	-1000.000
6-7-S	100	100	0.00	0.00	3359	0	0.000000	0.00	-1000.000
6-8-S	100	100	0.00	0.00	12595	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
6-9-S	100	100	0.00	0.00	21605	0	0.000000	0.00	-1000.000
6-10-S	100	100	0.00	0.00	30566	0	0.000000	0.00	-1000.000
6-11-S	100	100	0.00	0.00	39501	0	0.000000	0.00	-1000.000
6-12-S	100	100	0.00	0.00	48495	0	0.000000	0.00	-1000.000
6-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
6-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
6-15-S	100	100	0.00	0.00	2774	0	0.000000	0.00	-1000.000
7-1-S	100	100	0.00	0.00	59	0	0.000000	0.00	-1000.000
7-2-S	100	100	0.00	0.00	333	0	0.000000	0.00	-1000.000
7-3-S	100	100	0.00	0.00	529	0	0.000000	0.00	-1000.000
7-4-S	100	100	0.00	0.00	221	0	0.000000	0.00	-1000.000
7-5-S	100	100	0.00	0.00	12	0	0.000000	0.00	-1000.000
7-6-S	100	100	0.00	0.00	606	0	0.000000	0.00	-1000.000
7-7-S	100	100	0.00	0.00	5737	0	0.000000	0.00	-1000.000
7-8-S	100	100	0.00	0.00	13731	0	0.000000	0.00	-1000.000
7-9-S	100	100	0.00	0.00	21877	0	0.000000	0.00	-1000.000
7-10-S	100	100	0.00	0.00	30036	0	0.000000	0.00	-1000.000
7-11-S	100	100	0.00	0.00	38170	0	0.000000	0.00	-1000.000
7-12-S	100	100	0.00	0.00	46223	0	0.000000	0.00	-1000.000
7-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
7-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
7-15-S	100	100	0.00	0.00	717	0	0.000000	0.00	-1000.000
8-1-S	100	100	0.00	0.00	221	0	0.000000	0.00	-1000.000
8-2-S	100	100	0.00	0.00	527	0	0.000000	0.00	-1000.000
8-3-S	100	100	0.00	0.00	693	0	0.000000	0.00	-1000.000
8-4-S	100	100	0.00	0.00	1	0	0.000000	0.00	-1000.000
8-5-S	100	100	0.00	0.00	159	0	0.000000	0.00	-1000.000
8-6-S	100	100	0.00	0.00	1268	0	0.000000	0.00	-1000.000
8-7-S	100	100	0.00	0.00	7115	0	0.000000	0.00	-1000.000
8-8-S	100	100	0.00	0.00	13900	0	0.000000	0.00	-1000.000
8-9-S	100	100	0.00	0.00	21458	0	0.000000	0.00	-1000.000
8-10-S	100	100	0.00	0.00	29086	0	0.000000	0.00	-1000.000
8-11-S	100	100	0.00	0.00	36686	0	0.000000	0.00	-1000.000
8-12-S	100	100	0.00	0.00	44164	0	0.000000	0.00	-1000.000
8-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
8-15-S	100	100	0.00	0.00	10107	0	0.000000	0.00	-1000.000
9-1-S	100	100	0.00	0.00	492	0	0.000000	0.00	-1000.000
9-2-S	100	100	0.00	0.00	162	0	0.000000	0.00	-1000.000
9-3-S	100	100	0.00	0.00	264	0	0.000000	0.00	-1000.000
9-4-S	100	100	0.00	0.00	113	0	0.000000	0.00	-1000.000
9-5-S	100	100	0.00	0.00	7	0	0.000000	0.00	-1000.000
9-6-S	100	100	0.00	0.00	79	0	0.000000	0.00	-1000.000
9-7-S	100	100	0.00	0.00	2941	0	0.000000	0.00	-1000.000
9-8-S	100	100	0.00	0.00	12659	0	0.000000	0.00	-1000.000
9-9-S	100	100	0.00	0.00	20578	0	0.000000	0.00	-1000.000
9-10-S	100	100	0.00	0.00	28314	0	0.000000	0.00	-1000.000
9-11-S	100	100	0.00	0.00	35933	0	0.000000	0.00	-1000.000
9-12-S	100	100	0.00	0.00	43186	0	0.000000	0.00	-1000.000
9-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
9-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
9-15-S	100	100	0.00	0.00	588	0	0.000000	0.00	-1000.000
10-1-S	100	100	0.00	0.00	245	0	0.000000	0.00	-1000.000
10-2-S	100	100	0.00	0.00	439	0	0.000000	0.00	-1000.000
10-3-S	100	100	0.00	0.00	587	0	0.000000	0.00	-1000.000
10-4-S	100	100	0.00	0.00	310	0	0.000000	0.00	-1000.000
10-5-S	100	100	0.00	0.00	73	0	0.000000	0.00	-1000.000
10-6-S	100	100	0.00	0.00	1374	0	0.000000	0.00	-1000.000
10-7-S	100	100	0.00	0.00	7356	0	0.000000	0.00	-1000.000
10-8-S	100	100	0.00	0.00	13338	0	0.000000	0.00	-1000.000
10-9-S	100	100	0.00	0.00	20509	0	0.000000	0.00	-1000.000
10-10-S	100	100	0.00	0.00	27790	0	0.000000	0.00	-1000.000
10-11-S	100	100	0.00	0.00	35049	0	0.000000	0.00	-1000.000
10-12-S	100	100	0.00	0.00	42220	0	0.000000	0.00	-1000.000
10-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
10-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
10-15-S	100	100	0.00	0.00	10135	0	0.000000	0.00	-1000.000
11-1-S	100	100	0.00	0.00	487	0	0.000000	0.00	-1000.000
11-2-S	100	100	0.00	0.00	185	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
11-3-S	100	100	0.00	0.00	295	0	0.000000	0.00	-1000.000
11-4-S	100	100	0.00	0.00	138	0	0.000000	0.00	-1000.000
11-5-S	100	100	0.00	0.00	15	0	0.000000	0.00	-1000.000
11-6-S	100	100	0.00	0.00	19	0	0.000000	0.00	-1000.000
11-7-S	100	100	0.00	0.00	2601	0	0.000000	0.00	-1000.000
11-8-S	100	100	0.00	0.00	12108	0	0.000000	0.00	-1000.000
11-9-S	100	100	0.00	0.00	19910	0	0.000000	0.00	-1000.000
11-10-S	100	100	0.00	0.00	27529	0	0.000000	0.00	-1000.000
11-11-S	100	100	0.00	0.00	35032	0	0.000000	0.00	-1000.000
11-12-S	100	100	0.00	0.00	42178	0	0.000000	0.00	-1000.000
11-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
11-15-S	100	100	0.00	0.00	624	0	0.000000	0.00	-1000.000
12-1-S	100	100	0.00	0.00	143	0	0.000000	0.00	-1000.000
12-2-S	100	100	0.00	0.00	424	0	0.000000	0.00	-1000.000
12-3-S	100	100	0.00	0.00	561	0	0.000000	0.00	-1000.000
12-4-S	100	100	0.00	0.00	316	0	0.000000	0.00	-1000.000
12-5-S	100	100	0.00	0.00	35	0	0.000000	0.00	-1000.000
12-6-S	100	100	0.00	0.00	810	0	0.000000	0.00	-1000.000
12-7-S	100	100	0.00	0.00	6319	0	0.000000	0.00	-1000.000
12-8-S	100	100	0.00	0.00	12845	0	0.000000	0.00	-1000.000
12-9-S	100	100	0.00	0.00	20078	0	0.000000	0.00	-1000.000
12-10-S	100	100	0.00	0.00	27376	0	0.000000	0.00	-1000.000
12-11-S	100	100	0.00	0.00	34642	0	0.000000	0.00	-1000.000
12-12-S	100	100	0.00	0.00	41786	0	0.000000	0.00	-1000.000
12-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
12-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
12-15-S	100	100	0.00	0.00	2545	0	0.000000	0.00	-1000.000
13-1-S	100	100	0.00	0.00	96	0	0.000000	0.00	-1000.000
13-2-S	100	100	0.00	0.00	391	0	0.000000	0.00	-1000.000
13-3-S	100	100	0.00	0.00	577	0	0.000000	0.00	-1000.000
13-4-S	100	100	0.00	0.00	277	0	0.000000	0.00	-1000.000
13-5-S	100	100	0.00	0.00	43	0	0.000000	0.00	-1000.000
13-6-S	100	100	0.00	0.00	427	0	0.000000	0.00	-1000.000
13-7-S	100	100	0.00	0.00	4992	0	0.000000	0.00	-1000.000
13-8-S	100	100	0.00	0.00	12519	0	0.000000	0.00	-1000.000
13-9-S	100	100	0.00	0.00	19924	0	0.000000	0.00	-1000.000
13-10-S	100	100	0.00	0.00	27317	0	0.000000	0.00	-1000.000
13-11-S	100	100	0.00	0.00	34653	0	0.000000	0.00	-1000.000
13-12-S	100	100	0.00	0.00	41801	0	0.000000	0.00	-1000.000
13-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
13-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
13-15-S	100	100	0.00	0.00	7631	0	0.000000	0.00	-1000.000
14-1-S	100	100	0.00	0.00	509	0	0.000000	0.00	-1000.000
14-2-S	100	100	0.00	0.00	311	0	0.000000	0.00	-1000.000
14-3-S	100	100	0.00	0.00	484	0	0.000000	0.00	-1000.000
14-4-S	100	100	0.00	0.00	223	0	0.000000	0.00	-1000.000
14-5-S	100	100	0.00	0.00	22	0	0.000000	0.00	-1000.000
14-6-S	100	100	0.00	0.00	165	0	0.000000	0.00	-1000.000
14-7-S	100	100	0.00	0.00	3552	0	0.000000	0.00	-1000.000
14-8-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
14-9-S	100	100	0.00	0.00	19754	0	0.000000	0.00	-1000.000
14-10-S	100	100	0.00	0.00	27278	0	0.000000	0.00	-1000.000
14-11-S	100	100	0.00	0.00	34708	0	0.000000	0.00	-1000.000
14-12-S	100	100	0.00	0.00	41858	0	0.000000	0.00	-1000.000
14-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
14-15-S	100	100	0.00	0.00	581	0	0.000000	0.00	-1000.000
15-1-S	100	100	0.00	0.00	178	0	0.000000	0.00	-1000.000
15-2-S	100	100	0.00	0.00	496	0	0.000000	0.00	-1000.000
15-3-S	100	100	0.00	0.00	724	0	0.000000	0.00	-1000.000
15-4-S	100	100	0.00	0.00	362	0	0.000000	0.00	-1000.000
15-5-S	100	100	0.00	0.00	45	0	0.000000	0.00	-1000.000
15-6-S	100	100	0.00	0.00	989	0	0.000000	0.00	-1000.000
15-7-S	100	100	0.00	0.00	6877	0	0.000000	0.00	-1000.000
15-8-S	100	100	0.00	0.00	12856	0	0.000000	0.00	-1000.000
15-9-S	100	100	0.00	0.00	19995	0	0.000000	0.00	-1000.000
15-10-S	100	100	0.00	0.00	27241	0	0.000000	0.00	-1000.000
15-11-S	100	100	0.00	0.00	34469	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
15-12-S	100	100	0.00	0.00	41620	0	0.000000	0.00	-1000.000
15-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
15-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
15-15-S	100	100	0.00	0.00	10151	0	0.000000	0.00	-1000.000
16-1-S	100	100	0.00	0.00	460	0	0.000000	0.00	-1000.000
16-2-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-3-S	100	100	0.00	0.00	6	0	0.000000	0.00	-1000.000
16-4-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-5-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-6-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-7-S	100	100	0.00	0.00	1881	0	0.000000	0.00	-1000.000
16-8-S	100	100	0.00	0.00	11733	0	0.000000	0.00	-1000.000
16-9-S	100	100	0.00	0.00	19595	0	0.000000	0.00	-1000.000
16-10-S	100	100	0.00	0.00	27243	0	0.000000	0.00	-1000.000
16-11-S	100	100	0.00	0.00	34768	0	0.000000	0.00	-1000.000
16-12-S	100	100	0.00	0.00	41919	0	0.000000	0.00	-1000.000
16-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
16-15-S	100	100	0.00	0.00	581	0	0.000000	0.00	-1000.000
17-1-S	100	100	0.00	0.00	178	0	0.000000	0.00	-1000.000
17-2-S	100	100	0.00	0.00	496	0	0.000000	0.00	-1000.000
17-3-S	100	100	0.00	0.00	724	0	0.000000	0.00	-1000.000
17-4-S	100	100	0.00	0.00	362	0	0.000000	0.00	-1000.000
17-5-S	100	100	0.00	0.00	45	0	0.000000	0.00	-1000.000
17-6-S	100	100	0.00	0.00	989	0	0.000000	0.00	-1000.000
17-7-S	100	100	0.00	0.00	6876	0	0.000000	0.00	-1000.000
17-8-S	100	100	0.00	0.00	12856	0	0.000000	0.00	-1000.000
17-9-S	100	100	0.00	0.00	19994	0	0.000000	0.00	-1000.000
17-10-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
17-11-S	100	100	0.00	0.00	34468	0	0.000000	0.00	-1000.000
17-12-S	100	100	0.00	0.00	41620	0	0.000000	0.00	-1000.000
17-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
17-15-S	100	100	0.00	0.00	7631	0	0.000000	0.00	-1000.000
18-1-S	100	100	0.00	0.00	510	0	0.000000	0.00	-1000.000
18-2-S	100	100	0.00	0.00	311	0	0.000000	0.00	-1000.000
18-3-S	100	100	0.00	0.00	484	0	0.000000	0.00	-1000.000
18-4-S	100	100	0.00	0.00	223	0	0.000000	0.00	-1000.000
18-5-S	100	100	0.00	0.00	22	0	0.000000	0.00	-1000.000
18-6-S	100	100	0.00	0.00	165	0	0.000000	0.00	-1000.000
18-7-S	100	100	0.00	0.00	3552	0	0.000000	0.00	-1000.000
18-8-S	100	100	0.00	0.00	12115	0	0.000000	0.00	-1000.000
18-9-S	100	100	0.00	0.00	19753	0	0.000000	0.00	-1000.000
18-10-S	100	100	0.00	0.00	27277	0	0.000000	0.00	-1000.000
18-11-S	100	100	0.00	0.00	34708	0	0.000000	0.00	-1000.000
18-12-S	100	100	0.00	0.00	41857	0	0.000000	0.00	-1000.000
18-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
18-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
18-15-S	100	100	0.00	0.00	2546	0	0.000000	0.00	-1000.000
19-1-S	100	100	0.00	0.00	97	0	0.000000	0.00	-1000.000
19-2-S	100	100	0.00	0.00	391	0	0.000000	0.00	-1000.000
19-3-S	100	100	0.00	0.00	578	0	0.000000	0.00	-1000.000
19-4-S	100	100	0.00	0.00	277	0	0.000000	0.00	-1000.000
19-5-S	100	100	0.00	0.00	43	0	0.000000	0.00	-1000.000
19-6-S	100	100	0.00	0.00	427	0	0.000000	0.00	-1000.000
19-7-S	100	100	0.00	0.00	4992	0	0.000000	0.00	-1000.000
19-8-S	100	100	0.00	0.00	12519	0	0.000000	0.00	-1000.000
19-9-S	100	100	0.00	0.00	19924	0	0.000000	0.00	-1000.000
19-10-S	100	100	0.00	0.00	27317	0	0.000000	0.00	-1000.000
19-11-S	100	100	0.00	0.00	34653	0	0.000000	0.00	-1000.000
19-12-S	100	100	0.00	0.00	41800	0	0.000000	0.00	-1000.000
19-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
19-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
19-15-S	100	100	0.00	0.00	624	0	0.000000	0.00	-1000.000
20-1-S	100	100	0.00	0.00	143	0	0.000000	0.00	-1000.000
20-2-S	100	100	0.00	0.00	424	0	0.000000	0.00	-1000.000
20-3-S	100	100	0.00	0.00	561	0	0.000000	0.00	-1000.000
20-4-S	100	100	0.00	0.00	316	0	0.000000	0.00	-1000.000
20-5-S	100	100	0.00	0.00	35	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
20-6-S	100	100	0.00	0.00	811	0	0.000000	0.00	-1000.000
20-7-S	100	100	0.00	0.00	6321	0	0.000000	0.00	-1000.000
20-8-S	100	100	0.00	0.00	12847	0	0.000000	0.00	-1000.000
20-9-S	100	100	0.00	0.00	20079	0	0.000000	0.00	-1000.000
20-10-S	100	100	0.00	0.00	27376	0	0.000000	0.00	-1000.000
20-11-S	100	100	0.00	0.00	34642	0	0.000000	0.00	-1000.000
20-12-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
20-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
20-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
20-15-S	100	100	0.00	0.00	10137	0	0.000000	0.00	-1000.000
21-1-S	100	100	0.00	0.00	487	0	0.000000	0.00	-1000.000
21-2-S	100	100	0.00	0.00	186	0	0.000000	0.00	-1000.000
21-3-S	100	100	0.00	0.00	296	0	0.000000	0.00	-1000.000
21-4-S	100	100	0.00	0.00	138	0	0.000000	0.00	-1000.000
21-5-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
21-6-S	100	100	0.00	0.00	112	0	0.000000	0.00	-1000.000
21-7-S	100	100	0.00	0.00	2604	0	0.000000	0.00	-1000.000
21-8-S	100	100	0.00	0.00	12112	0	0.000000	0.00	-1000.000
21-9-S	100	100	0.00	0.00	19914	0	0.000000	0.00	-1000.000
21-10-S	100	100	0.00	0.00	27532	0	0.000000	0.00	-1000.000
21-11-S	100	100	0.00	0.00	35034	0	0.000000	0.00	-1000.000
21-12-S	100	100	0.00	0.00	42180	0	0.000000	0.00	-1000.000
21-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
21-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
21-15-S	100	100	0.00	0.00	589	0	0.000000	0.00	-1000.000
22-1-S	100	100	0.00	0.00	246	0	0.000000	0.00	-1000.000
22-2-S	100	100	0.00	0.00	440	0	0.000000	0.00	-1000.000
22-3-S	100	100	0.00	0.00	588	0	0.000000	0.00	-1000.000
22-4-S	100	100	0.00	0.00	311	0	0.000000	0.00	-1000.000
22-5-S	100	100	0.00	0.00	74	0	0.000000	0.00	-1000.000
22-6-S	100	100	0.00	0.00	1382	0	0.000000	0.00	-1000.000
22-7-S	100	100	0.00	0.00	7365	0	0.000000	0.00	-1000.000
22-8-S	100	100	0.00	0.00	13348	0	0.000000	0.00	-1000.000
22-9-S	100	100	0.00	0.00	20519	0	0.000000	0.00	-1000.000
22-10-S	100	100	0.00	0.00	27800	0	0.000000	0.00	-1000.000
22-11-S	100	100	0.00	0.00	35059	0	0.000000	0.00	-1000.000
22-12-S	100	100	0.00	0.00	42229	0	0.000000	0.00	-1000.000
22-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
22-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
22-15-S	100	100	0.00	0.00	10108	0	0.000000	0.00	-1000.000
23-1-S	100	100	0.00	0.00	493	0	0.000000	0.00	-1000.000
23-2-S	100	100	0.00	0.00	162	0	0.000000	0.00	-1000.000
23-3-S	100	100	0.00	0.00	263	0	0.000000	0.00	-1000.000
23-4-S	100	100	0.00	0.00	113	0	0.000000	0.00	-1000.000
23-5-S	100	100	0.00	0.00	7	0	0.000000	0.00	-1000.000
23-6-S	100	100	0.00	0.00	79	0	0.000000	0.00	-1000.000
23-7-S	100	100	0.00	0.00	2954	0	0.000000	0.00	-1000.000
23-8-S	100	100	0.00	0.00	12679	0	0.000000	0.00	-1000.000
23-9-S	100	100	0.00	0.00	20600	0	0.000000	0.00	-1000.000
23-10-S	100	100	0.00	0.00	28338	0	0.000000	0.00	-1000.000
23-11-S	100	100	0.00	0.00	35959	0	0.000000	0.00	-1000.000
23-12-S	100	100	0.00	0.00	43213	0	0.000000	0.00	-1000.000
23-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
23-14-S	100	100	0.00	0.00	16	0	0.000000	0.00	-1000.000
23-15-S	100	100	0.00	0.00	720	0	0.000000	0.00	-1000.000
24-1-S	100	100	0.00	0.00	224	0	0.000000	0.00	-1000.000
24-2-S	100	100	0.00	0.00	530	0	0.000000	0.00	-1000.000
24-3-S	100	100	0.00	0.00	698	0	0.000000	0.00	-1000.000
24-4-S	100	100	0.00	0.00	463	0	0.000000	0.00	-1000.000
24-5-S	100	100	0.00	0.00	164	0	0.000000	0.00	-1000.000
24-6-S	100	100	0.00	0.00	1281	0	0.000000	0.00	-1000.000
24-7-S	100	100	0.00	0.00	7139	0	0.000000	0.00	-1000.000
24-8-S	100	100	0.00	0.00	13931	0	0.000000	0.00	-1000.000
24-9-S	100	100	0.00	0.00	21498	0	0.000000	0.00	-1000.000
24-10-S	100	100	0.00	0.00	29136	0	0.000000	0.00	-1000.000
24-11-S	100	100	0.00	0.00	36746	0	0.000000	0.00	-1000.000
24-12-S	100	100	0.00	0.00	44235	0	0.000000	0.00	-1000.000
24-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
24-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000

Is	B	H	Af	Aeff	M	Mpf	ε	Sm	w
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kgm]	[%]	[mm]	[mm]
24-15-S	100	100	0.00	0.00	2773	0	0.000000	0.00	-1000.000
25-1-S	100	100	0.00	0.00	58	0	0.000000	0.00	-1000.000
25-2-S	100	100	0.00	0.00	332	0	0.000000	0.00	-1000.000
25-3-S	100	100	0.00	0.00	528	0	0.000000	0.00	-1000.000
25-4-S	100	100	0.00	0.00	219	0	0.000000	0.00	-1000.000
25-5-S	100	100	0.00	0.00	11	0	0.000000	0.00	-1000.000
25-6-S	100	100	0.00	0.00	613	0	0.000000	0.00	-1000.000
25-7-S	100	100	0.00	0.00	5760	0	0.000000	0.00	-1000.000
25-8-S	100	100	0.00	0.00	13755	0	0.000000	0.00	-1000.000
25-9-S	100	100	0.00	0.00	21920	0	0.000000	0.00	-1000.000
25-10-S	100	100	0.00	0.00	30098	0	0.000000	0.00	-1000.000
25-11-S	100	100	0.00	0.00	38269	0	0.000000	0.00	-1000.000
25-12-S	100	100	0.00	0.00	46416	0	0.000000	0.00	-1000.000
25-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
25-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
25-15-S	100	100	0.00	0.00	7407	0	0.000000	0.00	-1000.000
26-1-S	100	100	0.00	0.00	766	0	0.000000	0.00	-1000.000
26-2-S	100	100	0.00	0.00	201	0	0.000000	0.00	-1000.000
26-3-S	100	100	0.00	0.00	389	0	0.000000	0.00	-1000.000
26-4-S	100	100	0.00	0.00	137	0	0.000000	0.00	-1000.000
26-5-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
26-6-S	100	100	0.00	0.00	61	0	0.000000	0.00	-1000.000
26-7-S	100	100	0.00	0.00	3499	0	0.000000	0.00	-1000.000
26-8-S	100	100	0.00	0.00	12931	0	0.000000	0.00	-1000.000
26-9-S	100	100	0.00	0.00	21651	0	0.000000	0.00	-1000.000
26-10-S	100	100	0.00	0.00	30272	0	0.000000	0.00	-1000.000
26-11-S	100	100	0.00	0.00	39091	0	0.000000	0.00	-1000.000
26-12-S	100	100	0.00	0.00	48607	0	0.000000	0.00	-1000.000
26-13-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
26-14-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000
26-15-S	100	100	0.00	0.00	0	0	0.000000	0.00	-1000.000

Pali in c.a.

Apertura limite fessure w_{lim}=0.300 mm

Ip	Is	Af	Aeff	Mpf	M	N	ε	Sm	wm
		[cmq]	[cmq]	[kgm]	[kgm]	[kg]	[%]	[mm]	[mm]
1	1	74.33	4383.74	21270	-72268	-43955	0.0570	544.80	0.31
2	1	63.71	3755.64	27981	-72268	95021	0.0398	544.95	0.22

Dichiarazioni secondo N.T.C. 2018 (punto 10.2)

Analisi e verifiche svolte con l'ausilio di codici di calcolo

Il sottoscritto , in qualità di calcolatore delle opere in progetto, dichiara quanto segue.

Tipo di analisi svolta

L'analisi strutturale e le verifiche sono condotte con l'ausilio di un codice di calcolo automatico. La verifica della sicurezza degli elementi strutturali è stata valutata con i metodi della scienza delle costruzioni.

Il calcolo dei muri di sostegno viene eseguito secondo le seguenti fasi:

- Calcolo della spinta del terreno
- Verifica a ribaltamento
- Verifica a scorrimento del muro sul piano di posa
- Verifica della stabilità complesso fondazione terreno (carico limite)
- Verifica della stabilità globale
- Calcolo delle sollecitazioni sia del muro che della fondazione, progetto delle armature e relative verifiche dei materiali.
- Calcolo della portanza assiale e trasversale dei pali. Progetto e verifica delle armature dei pali inseriti.

L'analisi strutturale sotto le azioni sismiche è condotta con il metodo dell'analisi statica equivalente secondo le disposizioni del capitolo 7 del D.M. 17/07/2018.

La verifica delle sezioni degli elementi strutturali è eseguita con il metodo degli Stati Limite. Le combinazioni di carico adottate sono esaustive relativamente agli scenari di carico più gravosi cui l'opera sarà soggetta.

Origine e caratteristiche dei codici di calcolo

Titolo MAX - Analisi e Calcolo Muri di Sostegno

Versione 15.0

Produttore Aztec Informatica srl, Casali del Manco - loc. Casole Bruzio (CS)

Licenza AIU3677TH

Affidabilità dei codici di calcolo

Un attento esame preliminare della documentazione a corredo del software ha consentito di valutarne l'affidabilità. La documentazione fornita dal produttore del software contiene un'esauriente descrizione delle basi teoriche, degli algoritmi impiegati e l'individuazione dei campi d'impiego. La società produttrice Aztec Informatica srl ha verificato l'affidabilità e la robustezza del codice di calcolo attraverso un numero significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con soluzioni teoriche.

Modalità di presentazione dei risultati

La relazione di calcolo strutturale presenta i dati di calcolo tale da garantirne la leggibilità, la corretta interpretazione e la riproducibilità. La relazione di calcolo illustra in modo esaustivo i dati in ingresso ed i risultati delle analisi in forma tabellare.

Informazioni generali sull'elaborazione

Il software prevede una serie di controlli automatici che consentono l'individuazione di errori di modellazione, di non rispetto di limitazioni geometriche e di armatura e di presenza di elementi non verificati. Il codice di calcolo consente di visualizzare e controllare, sia in forma grafica che tabellare, i dati del modello strutturale, in modo da avere una visione consapevole del comportamento corretto del modello strutturale.

Giudizio motivato di accettabilità dei risultati

I risultati delle elaborazioni sono stati sottoposti a controlli dal sottoscritto utente del software. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali. Inoltre sulla base di considerazioni riguardanti gli stati tensionali e deformativi determinati, si è valutata la validità delle scelte operate in sede di schematizzazione e di modellazione della struttura e delle azioni.

In base a quanto sopra, io sottoscritto asserisco che l'elaborazione è corretta ed idonea al caso specifico, pertanto i risultati di calcolo sono da ritenersi validi ed accettabili.