

PROGETTO ESECUTIVO

Comune di SCARPERIA

Titolo progetto:

**Nuova centrale di potabilizzazione "Autodromo",
serbatoio di accumulo, centrale di pompaggio,
e collegamenti acquedotto e fognatura.**

Titolo elaborato:

**Fascicolo dei Calcoli Opere Strutturali - Geotecnica e
Fondazioni - Pozzetto di Sollevamento Acqua Grezza**

INGEGNERIE TOSCANE

Elaborato

Scala

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IL RESPONSABILE DEL PROCEDIMENTO
IN PROGETTAZIONE
Dott. Ing. Mario RUTA

PROGETTAZIONE E DIREZIONE LAVORI
GRANDI PROGETTI
IL RESPONSABILE:
Dott. Ing. Alessandro FRITTELLI

PROGETTISTI:

PROGETTISTA OPERE IDRAULICHE, ELETTRICHE
E STRUTTURALI

Dott. Ing. Giovanni SIMONELLI

C.S.P.:

Dott. Ing. Manuela BONSIGNORI

COLLABORATORI ALLA PROGETTAZIONE:

Opere Idrauliche:

Dott. Ing. Alessio CRIACHI

Dott. Ing. Manuela BONSIGNORI

Dott. Ing. Beatrice SALANI

Dott. Ing. Simone TARABELLA

Opere Geotecniche e Strutture:

Dott. Ing. Nicola MAINARDI

Dott. Geol. Carlo FERRI

Opere Elettriche e automazione

P. Ind. Paolo BASTIANONI

INGEGNERIE TOSCANE s.r.l.

Sede Firenze

Via Da noli 4-50132-FIRENZE

Cod.Fisc. e P.I.V.A. 06111950488

Progettazione e Lavori Grandi Progetti



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RELAZIONE DI CALCOLO GEOTECNICA E SULLE FONDAZIONI

Pozzetto di Sollevamento Acqua Grezza

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

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. 14/01/2008 pubblicato nel suppl. 30 G.U. 29 del 4/02/2008, nonché la Circolare del Ministero Infrastrutture e Trasporti del 2 Febbraio 2009, n. 617 "Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni".

Per il calcolo delle strutture in oggetto si adatteranno i criteri della Geotecnica e della Scienza delle Costruzioni.

CAPACITÀ PORTANTE DI FONDAZIONI SUPERFICIALI

La verifica della capacità portante consiste nel confronto tra la pressione verticale di esercizio in fondazione e la pressione limite per il terreno, valutata secondo Brinch-Hansen:

$$q_{lim} = q N_q Y_q i_q d_q b_q g_q s_q + c N_c Y_c i_c d_c b_c g_c s_c + \frac{1}{2} G B' N_g Y_g i_g b_g s_g$$

dove

Caratteristiche geometriche della fondazione:

q = carico sul piano di fondazione
B = lato minore della fondazione
L = lato maggiore della fondazione
D = profondità della fondazione
 α = inclinazione base della fondazione
G = peso specifico del terreno
B' = larghezza di fondazione ridotta = B - 2 eB
L' = lunghezza di fondazione ridotta = L - 2 eL

Caratteristiche di carico sulla fondazione:

H = risultante delle forze orizzontali
N = risultante delle forze verticali
eB = eccentricità del carico verticale lungo B
eL = eccentricità del carico verticale lungo L
FhB = forza orizzontale lungo B
FhL = forza orizzontale lungo L

Caratteristiche del terreno di fondazione:

β = inclinazione terreno a valle
c = cu = coesione non drenata (condizioni U)
c = c' = coesione drenata (condizioni D)
 Γ = peso specifico apparente (condizioni U)
 $\Gamma = \Gamma'$ = peso specifico sommerso (condizioni D)
 $\phi = 0$ = angolo di attrito interno (condizioni U)
 $\phi = \phi'$ = angolo di attrito interno (condizioni D)

Fattori di capacità portante:

$$N_q = \tan^2\left(\frac{\pi}{4} + \frac{\phi}{2}\right) \exp(\pi \tan \phi) \quad (\text{Prandtl-Cauchy-Meyerhof})$$

$$N_g = 2(N_q + 1) \tan \phi \quad (\text{Vesic})$$

$$N_c = \frac{N_q - 1}{\tan \phi} \quad \text{in condizioni D} \quad (\text{Reissner-Meyerhof})$$

$$N_c = 5,14 \quad \text{in condizioni U}$$

Indici di rigidezza (condizioni D):

$$I_r = \frac{G}{c' + q' \tan \phi} = \text{indice di rigidezza}$$

$$q' = \text{pressione litostatica efficace alla profondità } D + \frac{B}{2}$$

$$G = \frac{E}{2(1 + \mu)} = \text{modulo elastico tangenziale}$$

$$E = \text{modulo elastico normale}$$

$$\mu = \text{coefficiente di Poisson}$$

$$I_{cr} = \frac{1}{2} \exp\left[\frac{3,3 - 0,45 \frac{B}{L}}{\tan(45 - \frac{\phi'}{2})}\right] = \text{indice di rigidezza critico}$$

Coefficienti di punzonamento (Vesic):

$$Yq = Yg = \exp \left[\left(0,6 \frac{B}{L} - 4,4 \right) \tan \phi' + \frac{3,07 \sin \phi' \log(2Ir)}{1 + \sin \phi'} \right] \text{ in condizioni drenate, per } Ir \leq Icr$$

$$Yc = Yq - \frac{1 - Yq}{Nq \times \tan \phi'}$$

Coefficienti di inclinazione del carico (Vesic):

$$ig = \left(\frac{1 - H}{N + B \times L \times c' \times \cot \text{ang} \phi'} \right)^{m+1}$$

$$iq = \left(\frac{1 - H}{N + B \times L \times c' \times \cot \phi'} \right)^m$$

$$ic = iq - \frac{1 - iq}{Nc \times \tan \phi'} \text{ in condizioni D}$$

$$ic = 1 - \frac{m \times H}{B \times L \times cu \times Nc} \text{ in condizioni U}$$

essendo:

$$m = mB \cos^2 \Theta + mL \sin^2 \Theta$$

$$mB = \frac{2 + \frac{B'}{L'}}{1 + \frac{B'}{L'}}$$

$$mL = \frac{2 + \frac{L'}{B'}}{1 + \frac{L'}{B'}}$$

$$\Theta = \tan^{-1} \frac{Fh \times B}{Fh \times L}$$

Coefficienti di affondamento del piano di posa (Brinch-Hansen):

$$dq = 1 + 2 \tan \phi (1 - \sin \phi)^2 \arctg \frac{D}{B'} \text{ per } D > B'$$

$$dq = 1 + 2 \frac{D}{B'} \tan \phi (1 - \sin \phi)^2 \text{ per } D \leq B'$$

$$dc = dq - \frac{1 - dq}{Nc \times \tan \phi} \text{ in condizioni D}$$

$$dc = 1 + 0,4 \arctan \frac{D}{B'} \text{ per } D > B' \text{ in condizioni U}$$

$$dc = 1 + 0,4 \frac{D}{B'} \text{ per } D \leq B' \text{ in condizioni U}$$

Coefficienti di inclinazione del piano di posa:

$$bg = \exp(-2,7 \alpha \tan \phi)$$

$$bc = bq = \exp(-2 \alpha \tan \phi) \text{ in condizioni D}$$

$$bc = 1 - \frac{\alpha}{147} \text{ in condizioni U}$$

$$bq = 1 \text{ in condizioni U}$$

Coefficienti di inclinazione del terreno di fondazione:

$$gc = gq = \sqrt{1 - 0,5 \tan \beta} \text{ in condizioni D}$$

$$gc = 1 - \frac{\beta}{147} \text{ in condizioni U}$$

$$gq = 1 \text{ in condizioni U}$$

Coefficienti di forma (De Beer):

$$sg = 1 - 0,4 \frac{B'}{L'}$$

$$sq = 1 + \frac{B'}{L'} \tan \phi$$

$$sc = 1 + \frac{B' Nq}{L' Nc}$$

L'azione del sisma si traduce in accelerazioni nel sottosuolo (effetto cinematico) e nella fondazione, per l'azione delle forze d'inerzia generate nella struttura in elevazione (effetto inerziale). Tali effetti possono essere portati in conto mediante l'introduzione di coefficienti sismici rispettivamente denominati Khi e Igk, il primo definito dal rapporto tra le componenti orizzontale e verticale dei carichi trasmessi in fondazione ed il secondo funzione dell'accelerazione massima attesa al sito. L'effetto inerziale produce variazioni di tutti i coefficienti di capacità portante del carico limite in funzione del coefficiente sismico Khi e viene portato in conto impiegando le formule comunemente adottate per calcolare i coefficienti correttivi del carico limite in funzione dell'inclinazione, rispetto alla verticale, del carico agente sul piano di posa. Nel caso in cui sia stato attivato il flag per tener conto degli effetti cinematici il valore Igk modifica invece il solo coefficiente Ng; il fattore Ng viene infatti moltiplicato sia per il coefficiente correttivo dell'effetto inerziale, sia per il coefficiente correttivo per l'effetto cinematico.

CAPACITÀ PORTANTE DI FONDAZIONI SU PALI

a) Pali resistenti a compressione

Il carico ultimo del palo a compressione risulta:

$$Q_{lim} = Q_{punta} + Q_{later} - P_{palo} - P_{attr_neg}$$

Q_{punta}: RESISTENZA ALLA PUNTA

- In terreni coesivi in condizioni non drenate:

$$Q_{punta} = (C_{up} \times N_c + \sigma_v) \times A_p \times R_c$$

essendo

C_{up} = coesione non drenata terreno alla quota della punta

N_c = coeff. di capacità portante = 9

σ_v = tensione verticale totale in punta

A_p = area della punta del palo

R_c = coeff. di Meyerhof per le argille S/C

$$R_c = \frac{D+1}{2D+1}$$

per pali trivellati

$$R_c = \frac{D+0,5}{2D}$$

per pali infissi

D = diametro del palo

- In terreni coesivi in condizioni drenate (secondo Vesic):

$$Q_{punta} = (\mu \times \sigma_v' \times N_q + c' \times N_c) \times A_p$$

essendo

$$\mu = \frac{1 + 2(1 - \sin \phi')}{3}$$

$$N_q = \frac{3}{3 \sin \phi'} \exp \left[\left(\left(\frac{\pi}{2} - \phi' \right) \tan \phi' \right) \tan^2 \left(\frac{\pi}{4} + \frac{\phi'}{2} \right) \times Irr^{\frac{4 \sin \phi'}{3(1 + \sin \phi')}} \right]$$

Irr = indice di rigidezza ridotta

$$Irr \approx Ir = \text{indice di rigidezza} = \frac{G}{c' + \sigma_v' \tan \phi'}$$

G = modulo elastico di taglio

σ_v' = tensione verticale efficace in punta

N_c = (N_q - 1) cot φ'

- In terreni incoerenti (secondo Berezantzev):

$$Q_{punta} = \sigma_v' \times \alpha q \times N_q \times A_p$$

essendo

αq = coeff. di riduzione per effetto silos in funzione di L/D

N_q = calcolato con φ* secondo Kishida:

$$\phi^* = \phi' - 3^\circ$$

per pali trivellati

$$\phi^* = (\phi' + 40^\circ) / 2$$

per pali infissi

L = lunghezza del palo

Q_{later}: RESISTENZA LATERALE

- In terreni coesivi in condizioni non drenate:

$$Q_{later} = \alpha \times C_{um} \times A_s$$

essendo

C_{um} = coesione non drenata media lungo lo strato

A_s = area della superficie laterale del palo

α = coeff. riduttivo in funzione delle modalità esecutive:

- per pali infissi:

$$\alpha = 1$$

per Cu ≤ 25 kPa (0,25 kg/cm²)

$$\alpha = 1 - 0,011(Cu - 25)$$

per 25 < Cu < 70 kPa

$$\alpha = 0,5$$

per Cu ≥ 70 kPa (0,70 kg/cm²)

- per pali trivellati:

$$\alpha = 0,7$$

per Cu ≤ 25 kPa (0,25 kg/cm²)

$$\alpha = 0,7 - 0,008(Cu - 25)$$

per 25 < Cu < 70 kPa

$$\alpha = 0,35$$

per Cu ≥ 70 kPa (0,70 kg/cm²)

- In terreni coesivi in condizioni drenate:

$$Q_{later} = (1 - \sin \phi') \cdot \sigma_v'(z) \cdot \mu \cdot A_s$$

essendo

σ_v'(z) = tensione verticale efficace lungo il fusto del palo

μ = coefficiente di attrito:

$$\mu = \tan \phi' \text{ per pali trivellati}$$

$$\mu = \tan (3/4 \cdot \phi')$$

per pali infissi prefabbricati

- In terreni incoerenti:

$$Q_{later} = K \cdot \sigma'_v(z) \cdot \mu \cdot A_s$$

essendo

$\sigma'_v(z)$ = tensione verticale efficace lungo il fusto del palo

K = coefficiente di spinta:

$$K = (1 - \sin \phi') \quad \text{per pali trivellati}$$

$$K = 1 \quad \text{per pali infissi}$$

μ = coefficiente di attrito:

$$\mu = \tan \phi' \quad \text{per pali trivellati}$$

$$\mu = \tan(3/4 \cdot \phi') \quad \text{per pali infissi prefabbricati}$$

Pp: PESO DEL PALO

Patr_neg: CARICO DA ATTRITO NEGATIVO

$$Patr_neg = 0 \quad \text{in terreni coesivi in condizioni non drenate}$$

$$Patr_neg = A_s \times \beta \times \sigma'_m \quad \text{in terreni incoerenti o coesivi in condizioni drenate}$$

essendo

β = coeff. di Lambe

σ'_m = pressione verticale efficace media lungo lo strato deformabile

Il carico ammissibile risulta pari a:

$$Q_{amm} = \left(\frac{Q_{punta}}{\mu_p} + \frac{Q_{later} - P_{palo} - Patr_neg}{\mu_L} \right) \times E_g$$

dove:

μ_p = coefficiente di sicurezza del palo per resistenza di punta (≥ 3)

μ_L = coefficiente di sicurezza del palo per resistenza laterale ($\geq 2,5$)

E_g = coefficiente di efficienza dei pali in gruppo:

- in terreni coesivi:

a) per plinti rettangolari (secondo *Converse-La Barre*):

$$E_g = 1 - \arctan \frac{D}{i} \cdot \frac{(n-1)m + (m-1)n}{90mn}$$

con

m = numero delle file dei pali nel gruppo

n = numero di pali per ciascuna fila

i = interasse fra i pali

b) per plinti triangolari (secondo *Barla*):

$$E_g = 1 - \arctan \frac{D}{i} \cdot 7.05E - 03$$

c) per plinti rettangolari a cinque pali (secondo *Barla*):

$$E_g = 1 - \arctan \frac{D}{i} \cdot 10.85E - 03$$

- in terreni incoerenti:

$$E_g = 1$$

$$E_g = 2/3$$

per pali infissi
per pali trivellati

b) Pali resistenti a trazione

- Il carico ultimo del palo a trazione vale:

$$Q_{lim} = Q_{later} + P_{palo}$$

- Il carico ammissibile risulta invece pari a:

$$Q_{amm} = Q_{lim} / \mu_L$$

CAPACITÀ PORTANTE DELLE PLATEE

La verifica agli S.L.U. delle platee di fondazione risulta particolarmente difficoltosa poiché tali fondazioni spesso hanno forme non rettangolari e pertanto non è possibile valutarne la capacità portante attraverso le classiche formule della geotecnica.

Per potere valutare la portanza delle platee si è quindi implementato un tipo di verifica in cui la fondazione viene modellata per intero (potendo essere costituita, nella forma più generale, da travi rovesce, plinti, pali e platee).

In particolare, gli elementi strutturali vengono modellati in campo elastico lineare, mentre il terreno viene modellato come un letto di molle:

a) lineari elastiche e non reagenti a trazione per le platee;

b) molle non lineari elasto-plastiche non reagenti a trazione per le travi *Winkler* ed i plinti diretti.

Per le molle elastiche delle platee viene calcolato anche il limite elastico, al fine di bloccare il calcolo del moltiplicatore dei carichi qualora venga raggiunto tale limite.

Il legame di tipo elastico reagente a sola compressione è ottenuto utilizzando come rigidità all'origine la costante di *Winkler* del terreno. Il modello così ottenuto è in grado di tenere in conto dell'eterogeneità del terreno in maniera puntuale. Su tale modello viene quindi condotta un'analisi non lineare a controllo di forza immettendo le forze agenti sulla fondazione.

Il calcolo viene interrotto quando le molle delle platee attingono al loro limite elastico o qualora venga raggiunto uno stato di incipiente formazione di cerniere plastiche nelle travi *Winkler*. In corrispondenza a tali eventi viene calcolato il moltiplicatore dei carichi.

CALCOLO DEI CEDIMENTI

Il calcolo viene eseguito sulla base della conoscenza delle tensioni nel sottosuolo.

$$\mu = \int \frac{\sigma(z)}{E} dz$$

essendo

E = modulo elastico o edometrico

$\sigma(z)$ = tensione verticale nel sottosuolo dovuta all'incremento di carico q

La distribuzione delle tensioni verticali viene valutata secondo l'espressione di *Steinbrenner*, considerando la pressione agente uniformemente su una superficie rettangolare di dimensioni B e L:

$$\sigma(z) = \frac{q}{4\pi} \left[\frac{2 \times M \times N \times \sqrt{V} \times (V+1)}{V(V+V1)} + \left| \arctan \frac{2 \times M \times N \times \sqrt{V}}{V-V1} \right| \right]$$

con:

$$M = B / z$$

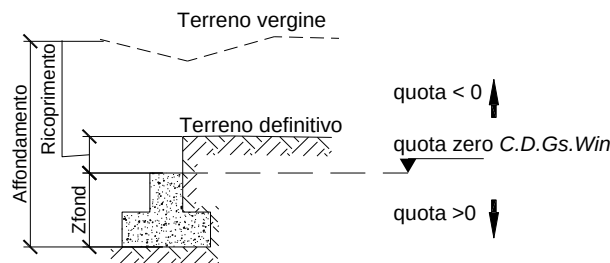
$$N = L / z$$

$$V = M^2 + N^2 + 1$$

$$V1 = (M \times N)^2$$

SPECIFICHE CAMPI TABELLA DI STAMPA

Si riporta di seguito la spiegazione delle sigle usate nella tabella di stampa della stratigrafia del terreno sottostante i plinti.



NOTA: La quota zero di *C.D.Gs. Win* coincide con la quota numero zero dell'alberello quote di *C.D.S. Win* ma cambia la convenzione nel segno: infatti in *C. D. Gs.* le quote sono positive crescenti procedendo verso il basso, mentre in *C. D. S.* le quote sono positive crescenti verso l'alto.

Plinto	: Numero di plinto
Q.t.v.	: quota terreno vergine
Q.t.d.	: quota definitiva terreno
Q.falda	: quota falda
InclTer	: inclinazione terreno
Num Str	: Numero dello strato a cui si riferiscono i dati che seguono
Sp.str.	: Spessore strato. L'ultimo strato ha spessore indefinito, pertanto il relativo dato non viene stampato
Peso Sp	: peso specifico
Fi	: angolo di attrito interno
C'	: coesione drenata
Cu	: coesione NON drenata
Mod.EL.	: modulo elastico
Poisson	: coeff. Poisson
Coeff. Lambe	: coefficiente beta di Lambe
Gr.Sovr	: grado di sovraconsolidazione
Mod.Ed.	: modulo edometrico

Si riporta di seguito la spiegazione delle sigle usate nella tabella di stampa della portanza delle fondazioni superficiali (travi *Winkler*, plinti e piastre) in condizioni drenate e non drenate.

Tabella 1: PARAMETRI GEOTECNICI

Trave, Plinto o Piastra	: Numero elemento
Infiss	: Infissione base fondazione dal piano campagna
Tipo Tabella	: Tipo di tabella (M1/M2) per i coeff. parziali per i parametri del terreno
Gamma	: Peso specifico totale di calcolo
Fi	: Angolo di attrito interno di calcolo in gradi
Coes	: Coesione drenata di calcolo
Mod.EL.	: Modulo elastico di calcolo
Poiss	: Coefficiente di Poisson
P base	: Pressione litostatica base di fondazione in condizioni drenate
Indice Rigid.	: Indice di rigidezza
IndRig Crit.	: Indice di rigidezza critico
Cu	: Coesione non drenata
Phase	: Pressione litostatica base di fondazione in cond. non drenate

Tabella 2: COEFFICIENTI DI PORTANZA

Trave, Plinto o Piastra	: Numero elemento
Nc	: Coefficiente di portanza di Brinch-Hansen
Nq	: Coefficiente di portanza di Brinch-Hansen
Ng	: Coefficiente di portanza di Brinch-Hansen
Gc	: Coefficiente di inclinazione del terreno
Gq	: Coefficiente di inclinazione del terreno
bc	: Coefficiente di inclinazione del piano di posa
bq	: Coefficiente di inclinazione del piano di posa
lgk	: Coefficiente per effetti cinematici
Comb.Nro	: Numero della combinazione di carico

Icv	: Coefficiente di inclinazione del carico
Iqv	: Coefficiente di inclinazione del carico
Igv	: Coefficiente di inclinazione del carico
Dc	: Coefficiente di affondamento del piano di posa
Dq	: Coefficiente di affondamento del piano di posa
Dg	: Coefficiente di affondamento del piano di posa
Sc	: Coefficiente di forma
Sq	: Coefficiente di forma
Sg	: Coefficiente di forma
Psic	: Coefficiente di punzonamento
Psig	: Coefficiente di punzonamento
Psig	: Coefficiente di punzonamento

Tabella 3: PORTANZA (per Risultanti)

Trave, Plinto o Piastra	: Numero elemento in numerazione calcolo C.D.Gs. Win
Asta3d, Filo	: Identificativo di input
Comb.	: Numero della combinazione a cui si riferiscono i dati che seguono
Bx'	: Base di fondazione ridotta lungo x per eccentricità
By'	: Base di fondazione ridotta lungo y per eccentricità
GamEf	: Peso specifico efficace di calcolo
QlimV	: Carico limite in condiz. drenate o non drenate comprensivo dei Coeff. Parziali R1/R2/R3
N	: Carico verticale agente
Coeff.Sicur.	: Minimo tra i rapporti (QlimV/N) tra la condiz. drenata e quella non drenata per la combinazione in esame

Tra tutte le combinazioni vengono riportati i seguenti dati:

Minimo CoeSic	: Minimo coefficiente di sicurezza
N/Ar	: Tensione media agente sull' impronta ridotta
Qlim/Ar	: Tensione limite sull' impronta ridotta
Status Verifica	: Si possono avere i seguenti messaggi:

OK = Verifica soddisfatta

NONVERIF = Non verifica nei seguenti casi:
Coefficiente di sicurezza minore di 1
Se Bx=0 o By=0 per eccentricita' eccessiva dei carichi
Se QlimV=0 per inclinazione dei carichi eccessiva a causa di forze orizzontali elevate

VERIFKO = Verifica impossibile perche' non si sono potuti calcolare i coefficienti geotecnici (ad es. a causa di una eccessiva eccentricita' dei carichi).

SCARICA = Verifica soddisfatta:Impronta non sollecitata o in trazione

DECOMPR = Verifica soddisfatta:
lo sforzo agente sull'elemento è di trazione, ma la risultante dei carichi agenti sul terreno è di debole compressione per effetto del peso proprio dell'elemento stesso.

Tabella 3: PORTANZA (per Tensioni)

Trave, Plinto o Piastra	: Numero elemento in numerazione calcolo C.D.Gs. Win
Asta3d, Filo	: Identificativo di input
Comb.	: Numero della combinazione a cui si riferiscono i dati che seguono
Bx'	: Base di fondazione ridotta lungo x per eccentricità
By'	: Base di fondazione ridotta lungo y per eccentricità
GamEf	: Peso specifico efficace di calcolo
SgmLimV	: Tensione limite in condiz. drenate o non drenate
SgmTerr	: Tensione elastica massima sul terreno
Coeff.Sicur.	: Minimo tra i rapporti (SgmLimV/SgmTerr) tra la condiz. drenata e quella non drenata per la combinazione in esame

Tra tutte le combinazioni vengono riportati i seguenti dati:

Minimo CoeSic	: Minimo coefficiente di sicurezza
N/Ar	: Tensione media agente sull' impronta ridotta
Qlim/Ar	: Tensione limite media sull' impronta ridotta (SgmLimV minima)
Status Verifica	: Si possono avere i seguenti messaggi:

OK = Verifica soddisfatta

NOVERIF = Non verifica nei seguenti casi:
Coefficiente di sicurezza minore di 1
Se Bx=0 o By=0 per eccentricita' eccessiva dei carichi
Se SgmLimV=0 per inclinazione dei carichi eccessiva a causa di forze orizzontali elevate

SCARICA = Impronta non sollecitata o in trazione

DECOMPR = Verifica soddisfatta:
lo sforzo agente sull'elemento è di trazione, ma la risultante dei carichi agenti sul terreno è di debole compressione per effetto del peso proprio dell'elemento stesso.

La verifica allo scorrimento delle fondazioni superficiali è stata condotta calcolando la resistenza limite secondo la seguente relazione, che tiene in conto sia il contributo ad attrito che quello coesivo:

$$V_{res} = \frac{N}{\gamma_r} \times \frac{tg \varphi}{\gamma_\varphi} + \frac{A}{\gamma_r} \times \frac{C}{\gamma_C}$$

in cui:

g_φ, g_C	: Coefficienti parziali per i parametri geotecnici (Tabella 6.2.II D.M. 2008)
g_r	: Coefficienti parziali SLU fondazioni superficiali (Tabella 6.4.I D.M. 2008)

Si riporta di seguito la spiegazione delle sigle usate nella precedente relazione e nella relativa tabella di stampa.

Comb.	: Numero combinazione a cui si riferisce la verifica
Tipo Elem.	: Tipo di elemento strutturale: Trave/Plinto/Piastra
Elem. N.ro	: Numero dell'elemento strutturale (numero Travata/Filo/Nodo3D) in base al tipo elemento
N	: Scarico verticale
tg φ / g_φ / g_r	: Coefficiente attrito di progetto

C/ g_c/ g_r	: Adesione di progetto
Area	: Area ridotta
Vres	: Resistenza allo scorrimento dell' elemento strutturale
Fh	: Azione orizzontale trasmessa dall' elemento strutturale
Verifica Locale	: Flag di verifica allo scorrimento del singolo elemento. Se l'elemento è collegato al resto della fondazione, la condizione di slittamento del singolo elemento non pregiudica la verifica globale della intera fondazione
S(Vres)	: Somma dei contributi resistenti dei vari elementi strutturali
S(Fh)	: Somma dei contributi delle azioni orizzontali trasmesse dai vari elementi strutturali
Verifica Globale	: Flag di verifica globale allo scorrimento della intera fondazione

Si riporta di seguito la spiegazione delle sigle usate nella tabella di stampa dei cedimenti elastici ed edometrici:

Filo	: numero del filo fisso in corrispondenza del quale viene calcolato lo stato deformativo
Comb.	: numero di combinazione di carico
Ced.EL.	: cedimento elastico
Ced.Ed.	: cedimento edometrico

Si riporta di seguito la spiegazione delle sigle usate nella tabella di stampa dei cedimenti residui SLD:

Filo	: numero del filo fisso in corrispondenza del quale viene calcolato lo stato deformativo
Comb.	: numero di combinazione di carico
Ced.EL.	: cedimento elastico SLD
Kw	: costante di Winkler (SigTer/CedEISLD)
 Ced.Res.	: <i>cedimento residuo SLD</i>

TABULATI DI CALCOLO

DATI GENERALI			
COEFFICIENTI PARZIALI GEOTECNICA			
		TABELLA M1	TABELLA M2
Tangente Resist. Taglio		1.00	1.25
Peso Specifico		1.00	1.00
Coesione Efficace (c'k)		1.00	1.25
Resist. a taglio NON drenata (cuk)		1.00	1.40
Tipo Approccio		Doppia Combinaz.: (A1+M1+R1) e (A2+M1/M2+R2/R3)	
Tipo di fondazione		Su Pali Infissi	
		COEFFICIENTE R1	COEFFICIENTE R2
Capacita' Portante		1.00	1.80
Scorrimento		1.00	1.00
Resist. alla Base		1.00	1.45
Resist. Lat. a Compr.		1.00	1.45
Resist. Lat. a Traz.		1.00	1.60
Carichi Trasversali		1.00	1.60
Fattore di correlazione CSI per il calcolo di Rk pali		1.00	

COORDINATE NODI3D PLATEA															
IDENT. POSIZIONE NODO				IDENT. POSIZIONE NODO				IDENT. POSIZIONE NODO				IDENT. POSIZIONE NODO			
Nodo3d N.ro	Coord.X (m)	Coord.Y (m)	Coord.Z (m)	Nodo3d N.ro	Coord.X (m)	Coord.Y (m)	Coord.Z (m)	Nodo3d N.ro	Coord.X (m)	Coord.Y (m)	Coord.Z (m)	Nodo3d N.ro	Coord.X (m)	Coord.Y (m)	Coord.Z (m)
1	0.00	4.80	0.00	2	0.00	1.10	0.00	5	2.50	4.80	0.00	7	4.85	4.80	0.00
8	4.85	4.80	1.50	9	2.50	1.10	0.00	11	4.85	1.10	0.00	12	4.85	1.10	1.50
13	7.00	1.10	1.50	18	7.00	4.80	1.50	23	-0.50	5.30	0.00	24	-0.50	0.60	0.00
25	5.35	0.60	0.00	26	5.35	5.30	0.00	27	0.00	3.88	0.00	28	0.00	2.95	0.00
29	0.00	2.03	0.00	30	1.25	4.80	0.00	31	3.67	4.80	0.00	32	1.25	1.10	0.00
33	4.85	2.03	0.00	34	4.85	2.95	0.00	35	4.85	3.88	0.00	36	3.67	1.10	0.00
37	0.50	2.60	0.00	38	0.50	1.60	0.00	39	1.50	1.60	0.00	40	1.50	2.60	0.00
41	2.50	1.60	0.00	42	2.50	2.60	0.00	43	0.50	3.60	0.00	44	1.50	3.60	0.00
45	2.50	3.60	0.00	46	3.50	2.60	0.00	47	3.50	1.60	0.00	48	4.50	1.60	0.00
49	4.50	2.60	0.00	50	3.50	3.60	0.00	51	4.50	3.60	0.00	52	2.42	0.60	0.00
53	1.45	0.60	0.00	54	3.40	0.60	0.00	55	2.42	5.30	0.00	56	1.45	5.30	0.00
57	3.40	5.30	0.00	58	0.47	0.60	0.00	59	-0.50	1.54	0.00	60	-0.50	2.48	0.00
61	-0.50	3.42	0.00	62	-0.50	4.36	0.00	63	0.48	5.30	0.00	64	4.38	0.60	0.00
65	5.35	1.54	0.00	66	5.35	2.48	0.00	67	4.38	5.30	0.00	68	5.35	3.42	0.00
69	5.35	4.36	0.00	70	4.55	5.30	1.50	71	4.55	0.60	1.50	72	7.50	0.60	1.50
73	7.50	5.30	1.50	74	4.85	3.88	1.50	75	4.85	2.95	1.50	76	4.85	2.03	1.50
77	5.93	1.10	1.50	78	7.00	2.03	1.50	79	7.00	2.95	1.50	80	7.00	3.88	1.50
81	5.93	4.80	1.50	82	6.55	1.60	1.50	83	5.55	1.60	1.50	84	5.55	2.60	1.50
85	6.55	2.60	1.50	86	5.55	3.60	1.50	87	6.55	3.60	1.50	88	4.55	1.54	1.50
89	5.53	0.60	1.50	90	4.55	2.48	1.50	91	6.52	0.60	1.50	92	4.55	3.42	1.50
93	4.55	4.36	1.50	94	5.53	5.30	1.50	95	7.50	1.54	1.50	96	7.50	2.48	1.50
97	7.50	3.42	1.50	98	6.52	5.30	1.50	99	7.50	4.36	1.50				

GEOMETRIA PLATEA																								
Shell N.ro	Nodo 1	Nodo 2	Nodo 3	Nodo 4	Str N.ro	Shell N.ro	Nodo 1	Nodo 2	Nodo 3	Nodo 4	Str N.ro	Shell N.ro	Nodo 1	Nodo 2	Nodo 3	Nodo 4	Str N.ro	Shell N.ro	Nodo 1	Nodo 2	Nodo 3	Nodo 4	Str N.ro	
17	37	38	39	40	4	18	41	42	40	39	4	19	43	37	40	44	4	20	44	40	42	45	4	
21	42	41	47	46	4	22	48	49	46	47	4	23	42	46	50	45	4	24	50	46	49	51	4	
25	9	32	53	52	4	26	54	36	9	52	4	27	43	44	30	1	4	28	5	55	56	30	4	
29	44	45	5	30	4	30	9	41	39	32	4	31	9	36	47	41	4	32	50	31	5	45	4	
33	5	31	57	55	4	34	51	35	31	50	4	35	58	32	2	24	4	36	2	29	59	24	4	
37	29	28	60	59	4	38	32	39	38	2	4	39	37	28	29	38	4	40	61	60	28	27	4	
41	27	1	62	61	4	42	1	30	63	23	4	43	43	27	28	37	4	44	64	11	36	54	4	
45	36	11	48	47	4	46	65	33	11	25	4	47	33	49	48	11	4	48	33	65	66	34	4	
49	31	7	67	57	4	50	34	66	68	35	4	51	34	35	51	49	4	52	35	68	69	7	4	
53	29	2	38	38	4	54	32	58	53	53	4	55	62	1	23	23	4	56	27	43	1	1	4	
57	63	30	56	56	4	58	64	25	11	11	4	59	49	33	34	34	4	60	7	31	35	35	4	
61	69	26	7	7	4	62	7	26	67	67	4	63	82	85	84	83	2	64	85	87	86	84	2	
65	86	74	75	84	2	66	74	86	81	8	2	67	80	18	81	87	2	68	12	76	88	71	2	
69	89	77	12	71	2	70	76	75	90	88	2	71	83	84	76	12	2	72	77	82	83	12	2	
73	91	13	77	89	2	74	92	75	74	93	2	75	93	74	8	70	2	76	94	70	8	81	2	
77	78	79	85	82	2	78	95	96	78	13	2	79	96	97	79	78	2	80	79	80	87	85	2	
81	81	18	98	94	2	82	80	79	97	99	2	83	18	80	99	73	2	84	76	84	75	75	2	
85	75	92	90	90	2	86	13	82	77	77	2	87	13	91	72	72	2	88	82	13	78	78	2	
89	95	13	72	72	2	90	81	86	87	87	2	91	18	73	98	98	2							

STRATIGRAFIA PLATEA															
Plat N.ro	Q.t.v. (m)	Q.t.d. (m)	Q.falda (m)	Incl Grd	Kw kg/cmc	Num Str	Sp.str. (m)	Peso Sp kg/cmc	F' (Grd)	C' kg/cmq	Cu kg/cmq	Mod.El. kg/cmq	Poisson	Gr.Sovr (%)	Mod.Ed. kg/cmq
2	-3.4	-3.4		0	2	1		1722	24.50	0.19	0.69	410.00	0.20	1	80.00
4	-3.4	-3.3		0	2	1		1722	24.50	0.19	0.69	410.00	0.20	1	80.00

COMBINAZIONI CARICHI - S.L.V. - A1										
DESCRIZIONI	1	2	3	4	5	6	7	8	9	10
Peso Strutturale	1.30	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Perm.Non Strutturale	1.50	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Var.Neve	1.05	1.50	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Var.Bibl.Arch.	1.50	1.50	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
SISMA DIREZ. GRD 0	0.00	0.00	1.00	1.00	-1.00	-1.00	0.30	0.30	-0.30	-0.30
SISMA DIREZ. GRD 90	0.00	0.00	0.30	-0.30	0.30	-0.30	1.00	-1.00	1.00	-1.00

COMBINAZIONI CARICHI - S.L.V. - A2										
DESCRIZIONI	1	2	3	4	5	6	7	8	9	10
Peso Strutturale	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Perm.Non Strutturale	1.30	1.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Var.Neve	0.91	1.30	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Var.Bibl.Arch.	1.30	1.30	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80

COMBINAZIONI CARICHI - S.L.V. - A2												
DESCRIZIONI			1	2	3	4	5	6	7	8	9	10
SISMA DIREZ. GRD 0			0.00	0.00	1.00	1.00	-1.00	-1.00	0.30	0.30	-0.30	-0.30
SISMA DIREZ. GRD 90			0.00	0.00	0.30	-0.30	0.30	-0.30	1.00	-1.00	1.00	-1.00

RISULTANTI SOLLECITAZIONI NODI PLATEE												
Nod3d N.ro	Combinazione N.ro	Fz (t)	Nod3d N.ro	Combinazione N.ro	Fz (t)	Nod3d N.ro	Combinazione N.ro	Fz (t)	Nod3d N.ro	Combinazione N.ro	Fz (t)	
1	A1 / 1	-6.48	2	A1 / 1	-4.10	5	A1 / 1	-7.88	7	A1 / 1	-4.83	
	A1 / 2	-6.49		A1 / 2	-4.11		A1 / 2	-7.90		A1 / 2	-4.84	
	A2 / 1	-5.39		A2 / 1	-3.41		A2 / 1	-6.55		A2 / 1	-4.02	
	A2 / 2	-5.40		A2 / 2	-3.42		A2 / 2	-6.57		A2 / 2	-4.02	
X+	A2 / 4	-5.36	X+	A2 / 3	-3.39	X+	A2 / 3	-6.52	X+	A2 / 4	-4.00	
X-	A2 / 6	-5.36	X-	A2 / 5	-3.39	X-	A2 / 5	-6.52	X-	A2 / 6	-4.00	
Y+	A2 / 9	-5.36	Y+	A2 / 9	-3.39	Y+	A2 / 7	-6.52	Y+	A2 / 7	-4.00	
Y-	A2 / 10	-5.36	Y-	A2 / 10	-3.39	Y-	A2 / 8	-6.52	Y-	A2 / 8	-4.00	
8	A1 / 1	-3.58	9	A1 / 1	-4.63	11	A1 / 1	-4.51	12	A1 / 1	-4.04	
	A1 / 2	-3.59		A1 / 2	-4.64		A1 / 2	-4.52		A1 / 2	-4.04	
	A2 / 1	-2.98		A2 / 1	-3.85		A2 / 1	-3.75		A2 / 1	-3.35	
	A2 / 2	-2.98		A2 / 2	-3.85		A2 / 2	-3.76		A2 / 2	-3.36	
X+	A2 / 4	-2.96	X+	A2 / 4	-3.82	X+	A2 / 3	-3.73	X+	A2 / 3	-3.34	
X-	A2 / 6	-2.96	X-	A2 / 6	-3.82	X-	A2 / 5	-3.73	X-	A2 / 5	-3.34	
Y+	A2 / 7	-2.96	Y+	A2 / 7	-3.82	Y+	A2 / 7	-3.73	Y+	A2 / 7	-3.34	
Y-	A2 / 8	-2.96	Y-	A2 / 8	-3.82	Y-	A2 / 8	-3.73	Y-	A2 / 8	-3.34	
13	A1 / 1	-4.29	18	A1 / 1	-4.11	23	A1 / 1	-1.88	24	A1 / 1	-2.22	
	A1 / 2	-4.30		A1 / 2	-4.12		A1 / 2	-1.89		A1 / 2	-2.22	
	A2 / 1	-3.56		A2 / 1	-3.41		A2 / 1	-1.57		A2 / 1	-1.84	
	A2 / 2	-3.57		A2 / 2	-3.42		A2 / 2	-1.57		A2 / 2	-1.85	
X+	A2 / 3	-3.55	X+	A2 / 4	-3.40	X+	A2 / 3	-1.56	X+	A2 / 4	-1.83	
X-	A2 / 5	-3.55	X-	A2 / 6	-3.40	X-	A2 / 5	-1.56	X-	A2 / 6	-1.83	
Y+	A2 / 9	-3.55	Y+	A2 / 9	-3.40	Y+	A2 / 9	-1.56	Y+	A2 / 9	-1.83	
Y-	A2 / 10	-3.55	Y-	A2 / 10	-3.40	Y-	A2 / 10	-1.56	Y-	A2 / 10	-1.83	
25	A1 / 1	-1.61	26	A1 / 1	-1.30	27	A1 / 1	-3.73	28	A1 / 1	-4.11	
	A1 / 2	-1.61		A1 / 2	-1.30		A1 / 2	-3.74		A1 / 2	-4.12	
	A2 / 1	-1.34		A2 / 1	-1.08		A2 / 1	-3.10		A2 / 1	-3.42	
	A2 / 2	-1.34		A2 / 2	-1.08		A2 / 2	-3.11		A2 / 2	-3.42	
X+	A2 / 4	-1.33	X+	A2 / 3	-1.07	X+	A2 / 4	-3.08	X+	A2 / 4	-3.39	
X-	A2 / 6	-1.33	X-	A2 / 5	-1.07	X-	A2 / 6	-3.08	X-	A2 / 6	-3.39	
Y+	A2 / 7	-1.33	Y+	A2 / 7	-1.07	Y+	A2 / 9	-3.08	Y+	A2 / 9	-3.39	
Y-	A2 / 8	-1.33	Y-	A2 / 8	-1.07	Y-	A2 / 10	-3.08	Y-	A2 / 10	-3.39	
29	A1 / 1	-3.73	30	A1 / 1	-8.83	31	A1 / 1	-8.33	32	A1 / 1	-5.47	
	A1 / 2	-3.74		A1 / 2	-8.85		A1 / 2	-8.35		A1 / 2	-5.48	
	A2 / 1	-3.10		A2 / 1	-7.35		A2 / 1	-6.93		A2 / 1	-4.55	
	A2 / 2	-3.11		A2 / 2	-7.36		A2 / 2	-6.94		A2 / 2	-4.56	
X+	A2 / 3	-3.08	X+	A2 / 3	-7.30	X+	A2 / 3	-6.89	X+	A2 / 4	-4.52	
X-	A2 / 5	-3.08	X-	A2 / 5	-7.30	X-	A2 / 5	-6.89	X-	A2 / 6	-4.52	
Y+	A2 / 9	-3.08	Y+	A2 / 7	-7.30	Y+	A2 / 7	-6.89	Y+	A2 / 7	-4.52	
Y-	A2 / 10	-3.08	Y-	A2 / 8	-7.30	Y-	A2 / 8	-6.89	Y-	A2 / 8	-4.52	
33	A1 / 1	-3.03	34	A1 / 1	-3.03	35	A1 / 1	-5.95	36	A1 / 1	-4.47	
	A1 / 2	-3.03		A1 / 2	-3.03		A1 / 2	-5.96		A1 / 2	-4.48	
	A2 / 1	-2.52		A2 / 1	-2.51		A2 / 1	-4.94		A2 / 1	-3.72	
	A2 / 2	-2.52		A2 / 2	-2.52		A2 / 2	-4.95		A2 / 2	-3.73	
X+	A2 / 3	-2.50	X+	A2 / 3	-2.50	X+	A2 / 4	-4.92	X+	A2 / 4	-3.70	
X-	A2 / 5	-2.50	X-	A2 / 5	-2.50	X-	A2 / 6	-4.92	X-	A2 / 6	-3.70	
Y+	A2 / 7	-2.50	Y+	A2 / 7	-2.50	Y+	A2 / 7	-4.92	Y+	A2 / 7	-3.70	
Y-	A2 / 8	-2.50	Y-	A2 / 8	-2.50	Y-	A2 / 8	-4.92	Y-	A2 / 8	-3.70	
37	A1 / 1	-6.31	38	A1 / 1	-5.04	39	A1 / 1	-6.57	40	A1 / 1	-8.22	
	A1 / 2	-6.32		A1 / 2	-5.05		A1 / 2	-6.58		A1 / 2	-8.24	
	A2 / 1	-5.25		A2 / 1	-4.19		A2 / 1	-5.46		A2 / 1	-6.84	
	A2 / 2	-5.26		A2 / 2	-4.20		A2 / 2	-5.48		A2 / 2	-6.86	
X+	A2 / 3	-5.21	X+	A2 / 3	-4.17	X+	A2 / 3	-5.43	X+	A2 / 3	-6.79	
X-	A2 / 5	-5.21	X-	A2 / 5	-4.17	X-	A2 / 5	-5.43	X-	A2 / 5	-6.79	
Y+	A2 / 7	-5.21	Y+	A2 / 7	-4.17	Y+	A2 / 7	-5.43	Y+	A2 / 7	-6.79	
Y-	A2 / 8	-5.21	Y-	A2 / 8	-4.17	Y-	A2 / 8	-5.43	Y-	A2 / 8	-6.79	
41	A1 / 1	-6.43	42	A1 / 1	-8.06	43	A1 / 1	-6.69	44	A1 / 1	-9.70	
	A1 / 2	-6.45		A1 / 2	-8.07		A1 / 2	-6.70		A1 / 2	-9.72	
	A2 / 1	-5.35		A2 / 1	-6.71		A2 / 1	-5.56		A2 / 1	-8.08	
	A2 / 2	-5.36		A2 / 2	-6.72		A2 / 2	-5.58		A2 / 2	-8.09	
X+	A2 / 3	-5.32	X+	A2 / 3	-6.66	X+	A2 / 4	-5.53	X+	A2 / 4	-8.02	
X-	A2 / 5	-5.32	X-	A2 / 5	-6.66	X-	A2 / 6	-5.53	X-	A2 / 6	-8.02	
Y+	A2 / 7	-5.32	Y+	A2 / 7	-6.66	Y+	A2 / 7	-5.53	Y+	A2 / 7	-8.02	
Y-	A2 / 8	-5.32	Y-	A2 / 8	-6.66	Y-	A2 / 8	-5.53	Y-	A2 / 8	-8.02	
45	A1 / 1	-9.43	46	A1 / 1	-8.03	47	A1 / 1	-6.33	48	A1 / 1	-3.84	
	A1 / 2	-9.45		A1 / 2	-8.04		A1 / 2	-6.34		A1 / 2	-3.84	
	A2 / 1	-7.85		A2 / 1	-6.68		A2 / 1	-5.26		A2 / 1	-3.19	
	A2 / 2	-7.86		A2 / 2	-6.69		A2 / 2	-5.27		A2 / 2	-3.19	
X+	A2 / 4	-7.79	X+	A2 / 3	-6.63	X+	A2 / 3	-5.23	X+	A2 / 3	-3.17	
X-	A2 / 6	-7.79	X-	A2 / 5	-6.63	X-	A2 / 5	-5.23	X-	A2 / 5	-3.17	
Y+	A2 / 7	-7.79	Y+	A2 / 7	-6.63	Y+	A2 / 7	-5.23	Y+	A2 / 7	-3.17	
Y-	A2 / 8	-7.79	Y-	A2 / 8	-6.63	Y-	A2 / 8	-5.23	Y-	A2 / 8	-3.17	
49	A1 / 1	-5.86	50	A1 / 1	-8.53	51	A1 / 1	-4.59	52	A1 / 1	-2.32	
	A1 / 2	-5.87		A1 / 2	-8.54		A1 / 2	-4.60		A1 / 2	-2.33	
	A2 / 1	-4.87		A2 / 1	-7.09		A2 / 1	-3.81		A2 / 1	-1.93	
	A2 / 2	-4.88		A2 / 2	-7.11		A2 / 2	-3.82		A2 / 2	-1.94	
X+	A2 / 3	-4.85	X+	A2 / 4	-7.05	X+	A2 / 4	-3.79	X+	A2 / 4	-1.92	
X-	A2 / 5	-4.85	X-	A2 / 6	-7.05	X-	A2 / 6	-3.79	X-	A2 / 6	-1.92	
Y+	A2 / 7	-4.85	Y+	A2 / 7	-7.05	Y+	A2 / 7	-3.79	Y+	A2 / 7	-1.92	
Y-	A2 / 8	-4.85	Y-	A2 / 8	-7.05	Y-	A2 / 8	-3.79	Y-	A2 / 8	-1.92	
53	A1 / 1	-1.89	54	A1 / 1	-2.25	55	A1 / 1	-2.32	56	A1 / 1	-1.89	

RISULTANTI SOLLECITAZIONI NODI PLATEE											
Nod3d N.ro	Combinazione N.ro	Fz (t)	Nod3d N.ro	Combinazione N.ro	Fz (t)	Nod3d N.ro	Combinazione N.ro	Fz (t)	Nod3d N.ro	Combinazione N.ro	Fz (t)
	A1 / 2	-1.90		A1 / 2	-2.25		A1 / 2	-2.33		A1 / 2	-1.89
	A2 / 1	-1.57		A2 / 1	-1.87		A2 / 1	-1.93		A2 / 1	-1.57
	A2 / 2	-1.58		A2 / 2	-1.87		A2 / 2	-1.94		A2 / 2	-1.58
X+	A2 / 4	-1.56	X+	A2 / 4	-1.86	X+	A2 / 3	-1.92	X+	A2 / 3	-1.56
X-	A2 / 6	-1.56	X-	A2 / 6	-1.86	X-	A2 / 5	-1.92	X-	A2 / 5	-1.56
Y+	A2 / 7	-1.56	Y+	A2 / 7	-1.86	Y+	A2 / 7	-1.92	Y+	A2 / 7	-1.56
Y-	A2 / 8	-1.56	Y-	A2 / 8	-1.86	Y-	A2 / 8	-1.92	Y-	A2 / 8	-1.56
57	A1 / 1	-2.25	58	A1 / 1	-1.90	59	A1 / 1	-2.04	60	A1 / 1	-2.05
	A1 / 2	-2.25		A1 / 2	-1.91		A1 / 2	-2.04		A1 / 2	-2.05
	A2 / 1	-1.87		A2 / 1	-1.58		A2 / 1	-1.69		A2 / 1	-1.70
	A2 / 2	-1.87		A2 / 2	-1.59		A2 / 2	-1.70		A2 / 2	-1.70
X+	A2 / 3	-1.86	X+	A2 / 4	-1.57	X+	A2 / 3	-1.68	X+	A2 / 3	-1.69
X-	A2 / 5	-1.86	X-	A2 / 6	-1.57	X-	A2 / 5	-1.68	X-	A2 / 5	-1.69
Y+	A2 / 7	-1.86	Y+	A2 / 7	-1.57	Y+	A2 / 9	-1.68	Y+	A2 / 9	-1.69
Y-	A2 / 8	-1.86	Y-	A2 / 8	-1.57	Y-	A2 / 10	-1.68	Y-	A2 / 10	-1.69
61	A1 / 1	-2.04	62	A1 / 1	-1.70	63	A1 / 1	-1.90	64	A1 / 1	-1.77
	A1 / 2	-2.05		A1 / 2	-1.70		A1 / 2	-1.90		A1 / 2	-1.78
	A2 / 1	-1.70		A2 / 1	-1.42		A2 / 1	-1.58		A2 / 1	-1.47
	A2 / 2	-1.70		A2 / 2	-1.42		A2 / 2	-1.58		A2 / 2	-1.48
X+	A2 / 4	-1.69	X+	A2 / 4	-1.40	X+	A2 / 3	-1.57	X+	A2 / 4	-1.47
X-	A2 / 6	-1.69	X-	A2 / 6	-1.41	X-	A2 / 5	-1.57	X-	A2 / 6	-1.46
Y+	A2 / 9	-1.69	Y+	A2 / 9	-1.41	Y+	A2 / 7	-1.57	Y+	A2 / 7	-1.46
Y-	A2 / 10	-1.69	Y-	A2 / 10	-1.41	Y-	A2 / 8	-1.57	Y-	A2 / 8	-1.46
65	A1 / 1	-1.90	66	A1 / 1	-1.91	67	A1 / 1	-1.77	68	A1 / 1	-1.90
	A1 / 2	-1.90		A1 / 2	-1.91		A1 / 2	-1.78		A1 / 2	-1.91
	A2 / 1	-1.58		A2 / 1	-1.58		A2 / 1	-1.47		A2 / 1	-1.58
	A2 / 2	-1.58		A2 / 2	-1.59		A2 / 2	-1.48		A2 / 2	-1.59
X+	A2 / 3	-1.57	X+	A2 / 3	-1.58	X+	A2 / 3	-1.47	X+	A2 / 4	-1.57
X-	A2 / 5	-1.57	X-	A2 / 5	-1.58	X-	A2 / 5	-1.47	X-	A2 / 6	-1.57
Y+	A2 / 7	-1.57	Y+	A2 / 7	-1.58	Y+	A2 / 7	-1.47	Y+	A2 / 7	-1.57
Y-	A2 / 8	-1.57	Y-	A2 / 8	-1.58	Y-	A2 / 8	-1.47	Y-	A2 / 8	-1.57
69	A1 / 1	-1.59	70	A1 / 1	-1.62	71	A1 / 1	-1.62	72	A1 / 1	-1.19
	A1 / 2	-1.59		A1 / 2	-1.62		A1 / 2	-1.62		A1 / 2	-1.20
	A2 / 1	-1.32		A2 / 1	-1.34		A2 / 1	-1.34		A2 / 1	-0.99
	A2 / 2	-1.32		A2 / 2	-1.35		A2 / 2	-1.35		A2 / 2	-0.99
X+	A2 / 4	-1.31	X+	A2 / 4	-1.34	X+	A2 / 3	-1.34	X+	A2 / 3	-0.99
X-	A2 / 6	-1.31	X-	A2 / 6	-1.34	X-	A2 / 5	-1.34	X-	A2 / 5	-0.99
Y+	A2 / 7	-1.31	Y+	A2 / 7	-1.34	Y+	A2 / 7	-1.34	Y+	A2 / 9	-0.99
Y-	A2 / 8	-1.31	Y-	A2 / 8	-1.34	Y-	A2 / 8	-1.34	Y-	A2 / 10	-0.99
73	A1 / 1	-1.47	74	A1 / 1	-4.47	75	A1 / 1	-3.76	76	A1 / 1	-3.38
	A1 / 2	-1.48		A1 / 2	-4.48		A1 / 2	-3.76		A1 / 2	-3.39
	A2 / 1	-1.22		A2 / 1	-3.71		A2 / 1	-3.12		A2 / 1	-2.81
	A2 / 2	-1.23		A2 / 2	-3.72		A2 / 2	-3.13		A2 / 2	-2.81
X+	A2 / 4	-1.22	X+	A2 / 4	-3.70	X+	A2 / 4	-3.11	X+	A2 / 3	-2.79
X-	A2 / 6	-1.22	X-	A2 / 6	-3.69	X-	A2 / 6	-3.11	X-	A2 / 5	-2.79
Y+	A2 / 9	-1.22	Y+	A2 / 7	-3.69	Y+	A2 / 7	-3.11	Y+	A2 / 7	-2.79
Y-	A2 / 10	-1.22	Y-	A2 / 8	-3.69	Y-	A2 / 8	-3.11	Y-	A2 / 8	-2.79
77	A1 / 1	-3.75	78	A1 / 1	-3.12	79	A1 / 1	-3.41	80	A1 / 1	-4.21
	A1 / 2	-3.76		A1 / 2	-3.13		A1 / 2	-3.42		A1 / 2	-4.22
	A2 / 1	-3.12		A2 / 1	-2.59		A2 / 1	-2.83		A2 / 1	-3.49
	A2 / 2	-3.12		A2 / 2	-2.59		A2 / 2	-2.84		A2 / 2	-3.50
X+	A2 / 3	-3.10	X+	A2 / 3	-2.58	X+	A2 / 4	-2.82	X+	A2 / 4	-3.48
X-	A2 / 5	-3.10	X-	A2 / 5	-2.58	X-	A2 / 6	-2.82	X-	A2 / 6	-3.48
Y+	A2 / 7	-3.10	Y+	A2 / 9	-2.58	Y+	A2 / 9	-2.82	Y+	A2 / 9	-3.48
Y-	A2 / 8	-3.10	Y-	A2 / 10	-2.58	Y-	A2 / 10	-2.82	Y-	A2 / 10	-3.48
81	A1 / 1	-7.18	82	A1 / 1	-4.98	83	A1 / 1	-4.36	84	A1 / 1	-7.47
	A1 / 2	-7.20		A1 / 2	-4.99		A1 / 2	-4.37		A1 / 2	-7.48
	A2 / 1	-5.96		A2 / 1	-4.14		A2 / 1	-3.62		A2 / 1	-6.20
	A2 / 2	-5.98		A2 / 2	-4.15		A2 / 2	-3.63		A2 / 2	-6.22
X+	A2 / 4	-5.94	X+	A2 / 3	-4.12	X+	A2 / 3	-3.61	X+	A2 / 3	-6.18
X-	A2 / 6	-5.94	X-	A2 / 5	-4.12	X-	A2 / 5	-3.61	X-	A2 / 5	-6.18
Y+	A2 / 7	-5.94	Y+	A2 / 9	-4.12	Y+	A2 / 7	-3.61	Y+	A2 / 7	-6.18
Y-	A2 / 8	-5.94	Y-	A2 / 10	-4.12	Y-	A2 / 8	-3.61	Y-	A2 / 8	-6.18
85	A1 / 1	-5.49	86	A1 / 1	-6.81	87	A1 / 1	-5.92	88	A1 / 1	-1.14
	A1 / 2	-5.50		A1 / 2	-6.82		A1 / 2	-5.93		A1 / 2	-1.15
	A2 / 1	-4.56		A2 / 1	-5.65		A2 / 1	-4.91		A2 / 1	-0.95
	A2 / 2	-4.57		A2 / 2	-5.67		A2 / 2	-4.92		A2 / 2	-0.95
X+	A2 / 3	-4.55	X+	A2 / 4	-5.63	X+	A2 / 4	-4.90	X+	A2 / 3	-0.95
X-	A2 / 5	-4.55	X-	A2 / 6	-5.63	X-	A2 / 6	-4.90	X-	A2 / 5	-0.95
Y+	A2 / 9	-4.55	Y+	A2 / 7	-5.63	Y+	A2 / 9	-4.90	Y+	A2 / 7	-0.95
Y-	A2 / 10	-4.55	Y-	A2 / 8	-5.63	Y-	A2 / 10	-4.90	Y-	A2 / 8	-0.95
89	A1 / 1	-2.05	90	A1 / 1	-0.96	91	A1 / 1	-1.62	92	A1 / 1	-0.96
	A1 / 2	-2.05		A1 / 2	-0.96		A1 / 2	-1.63		A1 / 2	-0.96
	A2 / 1	-1.70		A2 / 1	-0.79		A2 / 1	-1.35		A2 / 1	-0.79
	A2 / 2	-1.70		A2 / 2	-0.80		A2 / 2	-1.35		A2 / 2	-0.80
X+	A2 / 3	-1.69	X+	A2 / 3	-0.79	X+	A2 / 3	-1.34	X+	A2 / 4	-0.79
X-	A2 / 5	-1.69	X-	A2 / 5	-0.79	X-	A2 / 5	-1.34	X-	A2 / 6	-0.79
Y+	A2 / 7	-1.69	Y+	A2 / 7	-0.79	Y+	A2 / 9	-1.34	Y+	A2 / 7	-0.79
Y-	A2 / 8	-1.69	Y-	A2 / 8	-0.79	Y-	A2 / 10	-1.34	Y-	A2 / 8	-0.79
93	A1 / 1	-1.14	94	A1 / 1	-2.04	95	A1 / 1	-1.46	96	A1 / 1	-1.74
	A1 / 2	-1.15		A1 / 2	-2.04		A1 / 2	-1.46		A1 / 2	-1.74
	A2 / 1	-0.95		A2 / 1	-1.70		A2 / 1	-1.21		A2 / 1	-1.44
	A2 / 2	-0.95		A2 / 2	-1.70		A2 / 2	-1.21		A2 / 2	-1.45
X+	A2 / 4	-0.95	X+	A2 / 4	-1.69	X+	A2 / 3	-1.21	X+	A2 / 3	-1.44
X-	A2 / 6	-0.95	X-	A2 / 6	-1.69	X-	A2 / 5	-1.21	X-	A2 / 5	-1.44
Y+	A2 / 7	-0.95	Y+	A2 / 7	-1.69	Y+	A2 / 9	-1.21	Y+	A2 / 9	-1.44

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

RISULTANTI SOLLECITAZIONI NODI PLATEE											
Nod3d N.ro	Combinazione N.ro	Fz (t)	Nod3d N.ro	Combinazione N.ro	Fz (t)	Nod3d N.ro	Combinazione N.ro	Fz (t)	Nod3d N.ro	Combinazione N.ro	Fz (t)
	Y- A2 / 8	-0.95		Y- A2 / 8	-1.69		Y- A2 / 10	-1.21		Y- A2 / 10	-1.44
97	A1 / 1 A1 / 2 A2 / 1 A2 / 2 X+ A2 / 4 X- A2 / 6 Y+ A2 / 9 Y- A2 / 10	-1.74 -1.74 -1.44 -1.45 -1.44 -1.44 -1.44 -1.44	98	A1 / 1 A1 / 2 A2 / 1 A2 / 2 X+ A2 / 4 X- A2 / 6 Y+ A2 / 9 Y- A2 / 10	-1.62 -1.62 -1.35 -1.35 -1.34 -1.34 -1.34 -1.34	99	A1 / 1 A1 / 2 A2 / 1 A2 / 2 X+ A2 / 4 X- A2 / 6 Y+ A2 / 9 Y- A2 / 10	-1.74 -1.74 -1.44 -1.45 -1.44 -1.44 -1.44 -1.44			

PARAMETRI GEOTECNICI PIASTRE WINKLER													
IDENTIFICATIVO				CONDIZIONE DRENATA								NON DRENATA	
Piast N.ro	Infiss m	Tipo Tabel	Gamma kg/mc	Fi' Grd	C' kg/cm ²	Mod.El kg/cm ²	Poisson	P base kg/cm ²	Indice Rigid.	IndRig Crit.	Cu kg/cm ²	P base kg/cm ²	
1	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	334.71	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	418.39	29.35	0.49	0.63	
2	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	339.34	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	424.17	29.35	0.49	0.63	
3	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	332.09	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	415.11	29.35	0.49	0.63	
4	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	337.20	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	421.50	29.35	0.49	0.63	
5	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	443.98	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	554.98	29.35	0.49	0.37	
6	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	337.92	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	422.41	29.35	0.49	0.63	
7	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	337.88	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	422.35	29.35	0.49	0.63	
8	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	442.14	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	552.68	29.35	0.49	0.37	
9	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	440.06	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	550.08	29.35	0.49	0.37	
10	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	440.78	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	550.98	29.35	0.49	0.37	
11	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	345.30	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.63	29.35	0.49	0.63	
12	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	344.23	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	430.29	29.35	0.49	0.63	
13	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	345.89	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	432.37	29.35	0.49	0.63	
14	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	347.14	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	433.93	29.35	0.49	0.63	
15	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	340.18	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	425.23	29.35	0.49	0.63	
16	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	339.33	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	424.16	29.35	0.49	0.63	
17	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	340.18	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	425.23	29.35	0.49	0.63	
18	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	330.85	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	413.56	29.35	0.49	0.63	
19	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	331.19	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	413.99	29.35	0.49	0.63	
20	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	336.39	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	420.49	29.35	0.49	0.63	
21	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	341.43	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	426.79	29.35	0.49	0.63	
22	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	341.43	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	426.79	29.35	0.49	0.63	
23	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	335.00	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	418.75	29.35	0.49	0.63	
24	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	338.09	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	422.61	29.35	0.49	0.63	
25	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	334.83	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	418.54	29.35	0.49	0.63	
26	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	337.26	42.00	0.69	0.63	

PARAMETRI GEOTECNICI PIASTRE WINKLER													
IDENTIFICATIVO				CONDIZIONE DRENATA								NON DRENATA	
Plast N.ro	Infiss m	Tipo Tabel	Gamma kg/mc	F ⁱ Grd	C ⁱ kg/cmq	Mod.El kg/cmq	Poiss on	P base kg/cmq	Indice Rigid.	IndRig Crit.		Cu kg/cmq	P base kg/cmq
		M2	1722	20.03	0.15	410.00	0.20	0.63	421.58	29.35		0.49	0.63
27	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	334.23	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	417.79	29.35		0.49	0.63
28	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	331.28	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	414.10	29.35		0.49	0.63
29	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	334.30	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	417.88	29.35		0.49	0.63
30	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	331.28	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	414.10	29.35		0.49	0.63
31	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	334.18	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	417.73	29.35		0.49	0.63
32	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	329.18	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	411.47	29.35		0.49	0.63
33	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	329.31	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	411.63	29.35		0.49	0.63
34	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	331.28	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	414.10	29.35		0.49	0.63
35	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	334.37	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	417.96	29.35		0.49	0.63
36	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	339.40	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	424.25	29.35		0.49	0.63
37	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	335.11	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	418.88	29.35		0.49	0.63
38	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	330.57	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	413.22	29.35		0.49	0.63
39	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	337.66	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	422.07	29.35		0.49	0.63
40	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	343.76	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	429.70	29.35		0.49	0.63
41	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	345.22	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.52	29.35		0.49	0.63
42	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	343.88	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	429.85	29.35		0.49	0.63
43	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	343.76	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	429.70	29.35		0.49	0.63
44	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	345.22	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.52	29.35		0.49	0.63
45	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	343.88	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	429.85	29.35		0.49	0.63
46	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	345.22	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.52	29.35		0.49	0.63
47	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	344.85	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.06	29.35		0.49	0.63
48	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	344.85	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.06	29.35		0.49	0.63
49	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	344.85	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.06	29.35		0.49	0.63
50	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	345.98	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	432.48	29.35		0.49	0.63
51	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	345.22	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.52	29.35		0.49	0.63
52	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	345.36	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.70	29.35		0.49	0.63
53	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	344.85	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.06	29.35		0.49	0.63
54	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	344.85	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.06	29.35		0.49	0.63
55	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	345.36	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.70	29.35		0.49	0.63
56	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	344.85	42.00		0.69	0.63
		M2	1722	20.03	0.15	410.00	0.20	0.63	431.06	29.35		0.49	0.63

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

PARAMETRI GEOTECNICI PIASTRE WINKLER													
IDENTIFICATIVO				CONDIZIONE DRENATA								NON DRENATA	
Plast N.ro	Infiss m	Tipo Tabel	Gamma kg/mc	Fi' Grd	C' kg/cmq	Mod.El kg/cmq	Poiss on	P base kg/cmq	Indice Rigid.	IndRig Crit.	Cu kg/cmq	P base kg/cmq	
57	3.65	M1	1722	24.50	0.19	410.00	0.20	0.63	345.98	42.00	0.69	0.63	
		M2	1722	20.03	0.15	410.00	0.20	0.63	432.48	29.35	0.49	0.63	
58	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	454.09	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	567.61	29.35	0.49	0.37	
59	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	454.09	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	567.61	29.35	0.49	0.37	
60	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	456.25	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	570.31	29.35	0.49	0.37	
61	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	454.10	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	567.62	29.35	0.49	0.37	
62	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	440.48	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	550.60	29.35	0.49	0.37	
63	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	443.23	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	554.04	29.35	0.49	0.37	
64	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	444.83	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	556.04	29.35	0.49	0.37	
65	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	442.79	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	553.49	29.35	0.49	0.37	
66	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	445.03	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	556.28	29.35	0.49	0.37	
67	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	443.68	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	554.60	29.35	0.49	0.37	
68	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	440.35	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	550.44	29.35	0.49	0.37	
69	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	431.17	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	538.96	29.35	0.49	0.37	
70	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	437.72	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	547.15	29.35	0.49	0.37	
71	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	440.55	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	550.69	29.35	0.49	0.37	
72	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	430.46	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	538.07	29.35	0.49	0.37	
73	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	435.87	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	544.83	29.35	0.49	0.37	
74	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	432.35	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	540.44	29.35	0.49	0.37	
75	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	434.48	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	543.10	29.35	0.49	0.37	
76	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	457.51	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	571.89	29.35	0.49	0.37	
77	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	451.19	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	563.99	29.35	0.49	0.37	
78	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	459.05	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	573.82	29.35	0.49	0.37	
79	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	453.46	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	566.83	29.35	0.49	0.37	
80	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	459.05	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	573.82	29.35	0.49	0.37	
81	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	457.51	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	571.89	29.35	0.49	0.37	
82	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	451.19	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	563.99	29.35	0.49	0.37	
83	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	454.29	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	567.86	29.35	0.49	0.37	
84	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	452.34	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	565.42	29.35	0.49	0.37	
85	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	452.34	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	565.42	29.35	0.49	0.37	
86	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	453.46	42.00	0.69	0.37	
		M2	1722	20.03	0.15	410.00	0.20	0.37	566.83	29.35	0.49	0.37	

PARAMETRI GEOTECNICI PIASTRE WINKLER														
IDENTIFICATIVO				CONDIZIONE DRENATA								NON DRENATA		
Piast N.ro	Infiss m	Tipo Tabel	Gamma kg/mc	F ⁱ Grd	C ['] kg/cmq	Mod.El kg/cmq	Poisson	P base kg/cmq	Indice Rigid.	IndRig Crit.	Cu kg/cmq	P base kg/cmq		
87	2.15	M1	1722	24.50	0.19	410.00	0.20	0.37	452.34	42.00	0.69	0.37		
		M2	1722	20.03	0.15	410.00	0.20	0.37	565.42	29.35	0.49	0.37		

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI DRENATE																					
Piast Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Ilgk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig
1	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.97	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00
	14.86	6.42	5.41	1.00	1.00	1.00	1.00	A1/2	0.97	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
								A2/1	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								A2/2	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								A2/4	0.89	0.91	0.85	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								X+	A2/6	0.94	0.95	0.91	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y+	A2/9	0.92	0.93	0.89	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y-	A2/10	0.92	0.93	0.89	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00
	2	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.97	0.98	0.96	1.48	1.43	1.00	1.51	1.46	0.60	1.00	1.00
14.86		6.42	5.41	1.00	1.00	1.00	1.00	A1/2	0.97	0.98	0.96	1.48	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
								A2/1	0.97	0.98	0.96	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								A2/2	0.97	0.98	0.96	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								A2/3	0.89	0.91	0.85	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								X+	A2/5	0.94	0.95	0.91	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								X-	A2/9	0.92	0.93	0.89	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y+	A2/10	0.92	0.93	0.89	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y-	A2/10	0.92	0.93	0.89	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00
3		20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.98	0.98	0.96	1.45	1.41	1.00	1.51	1.46	0.60	1.00	1.00
	14.86	6.42	5.41	1.00	1.00	1.00	1.00	A1/2	0.98	0.98	0.96	1.45	1.41	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
								A2/1	0.97	0.98	0.96	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								A2/2	0.97	0.98	0.96	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								X+	A2/3	0.89	0.91	0.85	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								X-	A2/5	0.94	0.95	0.91	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y+	A2/7	0.91	0.92	0.87	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y-	A2/8	0.91	0.92	0.87	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00
	4	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00
14.86		6.42	5.41	1.00	1.00	1.00	1.00	A1/2	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
								A2/1	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								A2/2	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								X+	A2/4	0.89	0.91	0.85	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								X-	A2/6	0.94	0.95	0.91	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y+	A2/7	0.91	0.92	0.88	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y-	A2/8	0.91	0.92	0.88	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00
5		20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.98	0.98	0.96	1.44	1.40	1.00	1.51	1.46	0.60	1.00	1.00
	14.86	6.42	5.41	1.00	1.00	1.00	1.00	A1/2	0.98	0.98	0.96	1.44	1.40	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
								A2/1	0.97	0.98	0.96	1.47	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								A2/2	0.97	0.98	0.96	1.47	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								X+	A2/4	0.89	0.91	0.85	1.47	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								X-	A2/6	0.94	0.95	0.91	1.47	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y+	A2/7	0.91	0.92	0.88	1.47	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y-	A2/8	0.91	0.92	0.88	1.47	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
	6	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00
14.86		6.42	5.41	1.00	1.00	1.00	1.00	A1/2	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
								A2/1	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								A2/2	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								X+	A2/4	0.89	0.91	0.85	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								X-	A2/6	0.94	0.95	0.91	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y+	A2/7	0.91	0.92	0.87	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y-	A2/8	0.91	0.92	0.87	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00
7		20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00
	14.86	6.42	5.41	1.00	1.00	1.00	1.00	A1/2	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
								A2/1	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								A2/2	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								X+	A2/3	0.89	0.91	0.85	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								X-	A2/5	0.94	0.95	0.91	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y+	A2/7	0.91	0.92	0.88	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y-	A2/8	0.91	0.92	0.88	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00
	8	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.98	0.98	0.96	1.43	1.39	1.00	1.51	1.46	0.60	1.00	1.00
14.86		6.42	5.41	1.00	1.00	1.00	1.00	A1/2	0.98	0.98	0.96	1.43	1.39	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
								A2/1	0.97	0.98	0.96	1.47	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								A2/2	0.97	0.98	0.96	1.47	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								X+	A2/3	0.89	0.91	0.85	1.47	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								X-	A2/5	0.94	0.95	0.91	1.47	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y+	A2/7	0.91	0.92	0.88	1.47	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y-	A2/8	0.91	0.92	0.88	1.47	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
9		20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.98	0.98	0.96	1.43	1.39	1.00	1.51	1.46	0.60	1.00	1.00
	14.86	6.42	5.41	1.00	1.00	1.00	1.00	A1/2	0.98	0.98	0.96	1.43	1.39	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
								A2/1	0.98	0.98	0.97	1.46	1.39	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								A2/2	0.98	0.98	0.97	1.46	1.39	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								X+	A2/3	0.90	0.91	0.86	1.46	1.39	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								X-	A2/5	0.94	0.95	0.92	1.46	1.39	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y+	A2/9	0.92	0.94	0.90	1.46	1.39	1.00	1.43	1.36	0.60	1.00	1.00	1.00
								Y-	A2/10	0.92	0.94	0.90	1.46	1.39	1.00	1.43	1.36	0.60	1.00	1.00	1.00
	10	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.98	0.98	0.96	1.43	1.39	1.00	1.51	1.46	0.60	1.00	1.00
14.86		6.42	5.41	1.00	1.00	1.00	1.00	A1/2	0.98	0.98	0.96	1.43	1.39	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
								A2/1	0.98	0.98	0.97	1.46	1.39	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								A2/2	0.98	0.98	0.97	1.46	1.39	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
								X+	A2/4	0.9											

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI DRENATE																								
Piastr Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Ilgk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento					
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig			
									Y-	A2/10	0.92	0.94	0.90	1.46	1.39	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
11	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00		
										A1/2	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00		
	14.86	6.42	5.41		1.00	1.00	1.00			A2/1	0.97	0.98	0.96	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
										A2/2	0.97	0.98	0.96	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
	X+	A2/3	0.89	0.91	0.85	1.54	1.46	1.00		1.43	1.36	0.60	1.00	1.00	1.00									
	X-	A2/5	0.94	0.95	0.91	1.54	1.46	1.00		1.43	1.36	0.60	1.00	1.00	1.00									
	Y+	A2/9	0.92	0.93	0.89	1.54	1.46	1.00		1.43	1.36	0.60	1.00	1.00	1.00									
	Y-	A2/10	0.92	0.93	0.89	1.54	1.46	1.00		1.43	1.36	0.60	1.00	1.00	1.00									
	12	20.01	10.12	10.13	1.00	1.00	1.00	1.00		1.00		A1/1	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00
												A1/2	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00
14.86		6.42	5.41		1.00	1.00	1.00		A2/1	0.97		0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97		0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
X+		A2/4	0.89	0.91	0.85	1.54	1.45	1.00	1.43	1.36		0.60	1.00	1.00	1.00									
X-		A2/6	0.94	0.95	0.91	1.54	1.45	1.00	1.43	1.36		0.60	1.00	1.00	1.00									
Y+		A2/9	0.92	0.93	0.89	1.54	1.45	1.00	1.43	1.36		0.60	1.00	1.00	1.00									
Y-		A2/10	0.92	0.93	0.89	1.54	1.45	1.00	1.43	1.36		0.60	1.00	1.00	1.00									
13		20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00			A1/1	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00
												A1/2	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00
	14.86	6.42	5.41		1.00	1.00	1.00		A2/1		0.97	0.98	0.96	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2		0.97	0.98	0.96	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
	X+	A2/4	0.89	0.91	0.85	1.54	1.46	1.00	1.43		1.36	0.60	1.00	1.00	1.00									
	X-	A2/6	0.94	0.95	0.91	1.54	1.46	1.00	1.43		1.36	0.60	1.00	1.00	1.00									
	Y+	A2/7	0.91	0.92	0.88	1.54	1.46	1.00	1.43		1.36	0.60	1.00	1.00	1.00									
	Y-	A2/8	0.91	0.92	0.88	1.54	1.46	1.00	1.43		1.36	0.60	1.00	1.00	1.00									
	14	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00			A1/1	0.98	0.98	0.96	1.51	1.46	1.00	1.51	1.46	0.60	1.00	1.00	1.00
												A1/2	0.98	0.98	0.96	1.51	1.46	1.00	1.51	1.46	0.60	1.00	1.00	1.00
14.86		6.42	5.41		1.00	1.00	1.00		A2/1	0.97		0.98	0.96	1.55	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97		0.98	0.96	1.55	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
X+		A2/3	0.89	0.91	0.85	1.55	1.46	1.00	1.43	1.36		0.60	1.00	1.00	1.00									
X-		A2/5	0.94	0.95	0.91	1.55	1.46	1.00	1.43	1.36		0.60	1.00	1.00	1.00									
Y+		A2/7	0.91	0.92	0.88	1.55	1.46	1.00	1.43	1.36		0.60	1.00	1.00	1.00									
Y-		A2/8	0.91	0.92	0.88	1.55	1.46	1.00	1.43	1.36		0.60	1.00	1.00	1.00									
15		20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00			A1/1	0.97	0.98	0.96	1.48	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
												A1/2	0.97	0.98	0.96	1.48	1.43	1.00	1.51	1.46	0.60	1.00		

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI DRENATE																							
Piast Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Ilgk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento				
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig		
									X+	A2/3	0.89	0.91	0.85	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X-	A2/5	0.94	0.95	0.91	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/7	0.91	0.92	0.88	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/8	0.91	0.92	0.88	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
22	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.49	1.44	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.49	1.44	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/3	0.89	0.91	0.85	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/5	0.94	0.95	0.91	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.88	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.88	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
	23	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00
14.86		6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/4	0.89	0.91	0.85	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/6	0.94	0.95	0.91	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.88	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.88	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
24		20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.48	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.48	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
	14.86	6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/4	0.89	0.91	0.85	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/6	0.94	0.95	0.91	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.87	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.88	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
	25	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00
14.86		6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/3	0.89	0.91	0.85	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/5	0.94	0.95	0.91	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.87	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.87	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
26		20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
	14.86	6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/3	0.89	0.91	0.85	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/5	0.94	0.95	0.91	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.87	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.87	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
	27	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00
14.86		6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/3	0.89	0.91	0.85	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/5	0.94	0.95	0.91	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.87	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.87	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
28		20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.45	1.41	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.45	1.41	1.00	1.51	1.46	0.60	1.00	1.00	1.00
	14.86	6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/3	0.89	0.91	0.85	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/5	0.94	0.95	0.91	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.87	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.88	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
	29	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00
14.86		6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.3						

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI DRENATE																					
Piastr Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Ilgk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psiq	Psig
	14.86	6.42	5.41	1.00	1.00	1.00	1.00	1.00	A1/2	0.98	0.98	0.96	1.44	1.40	1.00	1.51	1.46	0.60	1.00	1.00	1.00
									A2/1	0.97	0.98	0.96	1.48	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
									A2/2	0.97	0.98	0.96	1.48	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
									A2/4	0.89	0.91	0.85	1.48	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
	X+	A2/6	0.94	0.95	0.91	1.48	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	Y+	A2/7	0.91	0.92	0.87	1.48	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	Y-	A2/8	0.91	0.92	0.88	1.48	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
		14.86	6.42	5.41	1.00	1.00	1.00	1.00	1.00	A1/1	0.98	0.98	0.96	1.44	1.40	1.00	1.51	1.46	0.60	1.00	1.00
A1/2										0.98	0.98	0.96	1.44	1.40	1.00	1.51	1.46	0.60	1.00	1.00	1.00
A2/1										0.97	0.98	0.96	1.48	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
A2/2										0.97	0.98	0.96	1.48	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00
X+		A2/4	0.89	0.91	0.85	1.48	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
X-		A2/6	0.94	0.95	0.91	1.48	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
Y+		A2/7	0.91	0.92	0.88	1.48	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
Y-		A2/8	0.91	0.92	0.88	1.48	1.40	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.98	0.98	0.96	1.45	1.41	1.00	1.51	1.46	0.60	1.00	1.00	1.00
									A1/2	0.98	0.98	0.96	1.45	1.41	1.00	1.51	1.46	0.60	1.00	1.00	1.00
									A2/1	0.97	0.98	0.96	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00
									A2/2	0.97	0.98	0.96	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00
	X+	A2/3	0.89	0.91	0.85	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	X-	A2/5	0.94	0.95	0.91	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	Y+	A2/7	0.91	0.92	0.88	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	Y-	A2/8	0.91	0.92	0.88	1.49	1.41	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00
									A1/2	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00
									A2/1	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00
									A2/2	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00
	X+	A2/3	0.89	0.91	0.85	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	X-	A2/5	0.94	0.95	0.91	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	Y+	A2/7	0.91	0.92	0.87	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	Y-	A2/8	0.91	0.92	0.88	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00	A1/1	0.98	0.98	0.96	1.48	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
									A1/2	0.98	0.98	0.96	1.48	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
									A2/1	0.97	0.98	0.96	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00
									A2/2	0.97	0.98	0.96	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00
	X+	A2/3	0.89	0.91	0.85	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	X-	A2/5	0.94	0.95	0.91	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	Y+	A2/7	0.91	0.92	0.88	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00							
	Y-	A2/8	0.91	0.92	0.88	1.52	1.4														

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI DRENATE																							
Piast Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Igk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento				
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig		
									Y-	A2/8	0.91	0.92	0.87	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
43	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.49	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.49	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.97	0.98	0.96	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/3	0.89	0.91	0.85	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/5	0.94	0.95	0.91	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	1.00
									Y+	A2/7	0.91	0.92	0.87	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/8	0.91	0.92	0.87	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
44	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/3	0.89	0.91	0.85	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/5	0.94	0.95	0.91	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/7	0.91	0.92	0.87	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/8	0.91	0.92	0.87	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
45	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.97	0.98	0.96	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/3	0.89	0.91	0.85	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/5	0.94	0.95	0.91	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/7	0.91	0.92	0.87	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/8	0.91	0.92	0.87	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
46	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/4	0.89	0.91	0.85	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/6	0.94	0.95	0.91	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/7	0.91	0.92	0.87	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/8	0.91	0.92	0.87	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
47	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/3	0.89	0.91	0.85	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/5	0.94	0.95	0.91	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/9	0.92	0.93	0.89	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/10	0.92	0.93	0.89	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
48	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/3	0.89	0.91	0.85	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/5	0.94	0.95	0.91	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/9	0.92	0.93	0.89	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/10	0.92	0.93	0.89	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
49	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/4	0.89	0.91	0.85	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/6	0.94	0.95	0.91	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/9	0.92	0.93	0.89	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/10	0.92	0.93	0.89	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
50	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.97	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.54	1.46	1.00	1.43	1.36	0.60				

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI DRENATE																							
Piast Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Ilgk Sism	Comb N.ro	Coeffincl.Car.			Affondamento			Forma			Punzonamento				
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig		
									X+	A2/3	0.89	0.91	0.85	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X-	A2/5	0.94	0.95	0.91	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/7	0.91	0.92	0.88	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/8	0.91	0.92	0.88	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
54	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/3	0.89	0.91	0.85	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/5	0.94	0.95	0.91	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.87	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.88	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
	55	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00
14.86		6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/3	0.89	0.91	0.85	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/5	0.94	0.95	0.91	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.87	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.88	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
56		20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00
	14.86	6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/4	0.89	0.91	0.85	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/6	0.94	0.95	0.91	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.88	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.88	1.54	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
	57	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.50	1.45	1.00	1.51	1.46	0.60	1.00	1.00	1.00
14.86		6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/4	0.89	0.91	0.85	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/6	0.94	0.95	0.91	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.88	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.88	1.54	1.46	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
58		20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
	14.86	6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/4	0.89	0.91	0.85	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/6	0.94	0.95	0.91	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.88	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.88	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
	59	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
14.86		6.42	5.41		1.00	1.00	1.00		A2/1	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.97	0.98	0.96	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/3	0.89	0.91	0.85	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/5	0.94	0.95	0.91	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/7	0.91	0.92	0.88	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.91	0.92	0.88	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
60		20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.48	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.48	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
	14.86	6.42	5.41		1.00	1.00	1.00		A2/1	0.98	0.98	0.97	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.98	0.98	0.97	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
		X+	A2/3	0.90	0.91	0.86	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		X-	A2/5	0.94	0.95	0.92	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y+	A2/9	0.93	0.94	0.90	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
		Y-	A2/10	0.93	0.94	0.90	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00								
	61	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
											A1/2	0.98	0.98	0.96	1.47	1.43	1.00	1.51	1.46	0.60	1.00	1.00	1.00
14.86		6.42	5.41		1.00	1.00	1.00		A2/1	0.98	0.98	0.97	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00		
									A2/2	0.98	0.98	0.97	1.51	1.43	1.00	1.43	1.36</						

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COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI DRENATE																							
Piast Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Igk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento				
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig		
									Y-	A2/8	0.91	0.92	0.88	1.43	1.37	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
75	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.41	1.37	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.41	1.37	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.98	0.98	0.97	1.44	1.37	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.98	0.98	0.97	1.44	1.37	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/4	0.90	0.91	0.86	1.44	1.37	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/6	0.94	0.95	0.92	1.44	1.37	1.00	1.43	1.36	0.60	1.00	1.00	1.00	1.00
									Y+	A2/9	0.92	0.94	0.90	1.44	1.37	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/10	0.92	0.94	0.90	1.44	1.37	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
76	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.48	1.44	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.48	1.44	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.97	0.98	0.96	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/3	0.89	0.91	0.85	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/5	0.94	0.95	0.91	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/7	0.91	0.92	0.87	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/8	0.91	0.92	0.88	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
77	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.97	0.98	0.96	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/3	0.89	0.91	0.85	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/5	0.94	0.95	0.91	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/7	0.91	0.92	0.88	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/8	0.91	0.92	0.88	1.50	1.42	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
78	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.49	1.44	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.49	1.44	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.97	0.98	0.96	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/3	0.89	0.91	0.85	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/5	0.94	0.95	0.91	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/7	0.91	0.92	0.88	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/8	0.91	0.92	0.88	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
79	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.47	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.47	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.97	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.98	0.98	0.97	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/3	0.89	0.91	0.86	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/5	0.94	0.95	0.92	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/9	0.92	0.94	0.90	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/10	0.92	0.94	0.90	1.51	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
80	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.49	1.44	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.49	1.44	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.97	0.98	0.96	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/4	0.89	0.91	0.85	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/6	0.94	0.95	0.91	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/7	0.91	0.92	0.88	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/8	0.91	0.92	0.88	1.53	1.45	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
81	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.48	1.44	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.48	1.44	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
										A2/2	0.97	0.98	0.96	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									X+	A2/4	0.89	0.91	0.85	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
	14.86	6.42	5.41			1.00	1.00	1.00	X-	A2/6	0.94	0.95	0.91	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y+	A2/7	0.91	0.92	0.87	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
									Y-	A2/8	0.91	0.92	0.88	1.52	1.44	1.00	1.43	1.36	0.60	1.00	1.00	1.00	
82	20.01	10.12	10.13	1.00	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A1/2	0.98	0.98	0.96	1.46	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00	
										A2/1	0.97	0.98	0.96	1.50	1.42	1.00							

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI DRENATE																																												
Piast Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Igk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento																									
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig																							
				1.00	1.00	1.00	1.00	1.00	X+	A2/4	0.90	0.91	0.86	1.50	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00																						
									X-	A2/6	0.94	0.95	0.92	1.50	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00																						
									Y+	A2/9	0.93	0.94	0.90	1.50	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00																						
									Y-	A2/10	0.93	0.94	0.90	1.50	1.43	1.00	1.43	1.36	0.60	1.00	1.00	1.00																						
										86	20.01	10.12	10.13	1.00	1.00	1.00	1.00		A1/1	0.98	0.98	0.96	1.47	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00													
																																A1/2	0.98	0.98	0.96	1.47	1.42	1.00	1.51	1.46	0.60	1.00	1.00	1.00
																																A2/1	0.97	0.98	0.97	1.51	1.43	1.00	1.43	1.36	0.60			

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI NON DRENATE																					
Piastr N.ro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Ilgk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig
1	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									A1/2	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00	1.00	1.00	1.00	1.00	A2/1	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								A2/2	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
	X+	A2/4	0.96	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
		X-	A2/6	0.98	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00						
	Y+	A2/9	0.97	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
		Y-	A2/10	0.97																	

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI NON DRENATE																					
Piast Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Igk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig
									Y+	A2/7	0.97	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y-	A2/8	0.97	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00
9	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.90	1.49	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.90	1.49	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.90	1.49	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.90	1.49	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X+	A2/3	0.96	1.00	0.90	1.49	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X-	A2/5	0.98	1.00	0.90	1.49	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y+	A2/9	0.97	1.00	0.90	1.49	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y-	A2/10	0.97	1.00	0.90	1.49	1.00	1.00	1.19	1.00	0.60	1.00	1.00
10	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.90	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.90	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.90	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.90	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X+	A2/4	0.96	1.00	0.90	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X-	A2/6	0.98	1.00	0.90	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y+	A2/9	0.97	1.00	0.90	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y-	A2/10	0.97	1.00	0.90	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00
11	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X+	A2/3	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X-	A2/5	0.98	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y+	A2/9	0.97	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y-	A2/10	0.97	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
12	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X+	A2/4	0.96	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X-	A2/6	0.98	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y+	A2/9	0.97	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y-	A2/10	0.97	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
13	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X+	A2/4	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X-	A2/6	0.98	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y+	A2/7	0.97	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y-	A2/8	0.97	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
14	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X+	A2/3	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X-	A2/5	0.98	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y+	A2/7	0.97	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y-	A2/8	0.97	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00
15	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X+	A2/4	0.96	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									X-	A2/6	0.98	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y+	A2/9	0.97	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y-	A2/10	0.97	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
16	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.89	1.55							

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI NON DRENATE																							
Piast Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Igk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento				
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig		
										A2/2	0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
									X+	A2/3	0.96	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
									X-	A2/5	0.98	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
									Y+	A2/7	0.97	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
									Y-	A2/8	0.97	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
20	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
									A1/2	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/1	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/2	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									X+	A2/4	0.96	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
X-	A2/6	0.98	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00									
Y+	A2/7	0.96	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
Y-	A2/8	0.96	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
21	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
									A1/2	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/1	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/2	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									X+	A2/3	0.96	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
X-	A2/5	0.98	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00									
Y+	A2/7	0.97	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
Y-	A2/8	0.97	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
22	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
									A1/2	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/1	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/2	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									X+	A2/3	0.96	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
X-	A2/5	0.98	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00									
Y+	A2/7	0.97	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
Y-	A2/8	0.97	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
23	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
									A1/2	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/1	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/2	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									X+	A2/4	0.96	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
X-	A2/6	0.98	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00									
Y+	A2/7	0.97	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
Y-	A2/8	0.97	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
24	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
									A1/2	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/1	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/2	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									X+	A2/4	0.96	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
X-	A2/6	0.98	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00									
Y+	A2/7	0.97	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
Y-	A2/8	0.97	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
25	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
									A1/2	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/1	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/2	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									X+	A2/3	0.96	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
X-	A2/5	0.98	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00									
Y+	A2/7	0.96	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
Y-	A2/8	0.96	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
26	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
									A1/2	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/1	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/2	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									X+	A2/3	0.96	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
X-	A2/5	0.98	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00									
Y+	A2/7	0.96	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
Y-	A2/8	0.96	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	1.00								
27	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
									A1/2	0.99	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/1	0.99	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									A2/2	0.99	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									X+	A2/3	0.96	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
X-	A2/5																						

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI NON DRENATE																						
Piast Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Ilgk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento			
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig	
30	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
									A1/2	0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
									A2/1	0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
									A2/2	0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
	X+	A2/3	0.96	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		X-	A2/5	0.98	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
	Y+	A2/7	0.97	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.97	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
	31	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
A2/1										0.99	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
A2/2										0.99	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
X+		A2/4	0.96	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		X-	A2/6	0.98	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
Y+		A2/7	0.96	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.96	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
32		5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	A2/1									0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
	A2/2									0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
	X+	A2/4	0.96	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		X-	A2/6	0.98	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
	Y+	A2/7	0.97	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.97	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
	33	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
A2/1										0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
A2/2										0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
X+		A2/4	0.96	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		X-	A2/6	0.98	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
Y+		A2/7	0.97	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.97	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
34		5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	A2/1									0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
	A2/2									0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
	X+	A2/3	0.96	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		X-	A2/5	0.98	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
	Y+	A2/7	0.97	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.97	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
	35	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
A2/1										0.99	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
A2/2										0.99	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
X+		A2/3	0.96	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		X-	A2/5	0.98	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
Y+		A2/7	0.97	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.97	1.00	0.89	1.53	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
36		5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	A2/1									0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
	A2/2									0.99	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
	X+	A2/3	0.96	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		X-	A2/5	0.98	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
	Y+	A2/7	0.97	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.97	1.00	0.89	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
	37	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
A2/1										0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
A2/2										0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
X+		A2/3	0.96	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		X-	A2/5	0.98	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
Y+		A2/7	0.97	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		Y-	A2/8	0.97	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
38		5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	A2/1									0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
	A2/2									0.99	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
	X+	A2/4	0.96	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00								
		X-	A2/6	0.98	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00							
	Y+	A2/7	0.97	1.00	0.89	1.52	1.00	1.00	1.19	1.00	0.60	1.00</										

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI NON DRENATE																						
Piast Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Ilgk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento			
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig	
									Y+	A2/7	0.96	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y-	A2/8	0.96	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
41	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
								X+	A2/4	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								X-	A2/6	0.98	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								Y+	A2/7	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								Y-	A2/8	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
42	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
								X+	A2/4	0.96	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								X-	A2/6	0.98	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								Y+	A2/7	0.97	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								Y-	A2/8	0.97	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
43	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
								X+	A2/3	0.96	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								X-	A2/5	0.98	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								Y+	A2/7	0.96	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								Y-	A2/8	0.96	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
44	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
								X+	A2/3	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								X-	A2/5	0.98	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								Y+	A2/7	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								Y-	A2/8	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
45	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
								X+	A2/3	0.96	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								X-	A2/5	0.98	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								Y+	A2/7	0.97	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								Y-	A2/8	0.97	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
46	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
								X+	A2/4	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								X-	A2/6	0.98	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								Y+	A2/7	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								Y-	A2/8	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
47	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
								X+	A2/3	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	
								X-	A2/5	0.98	1.00	0.89	1.58	1.00	1.00	1.19	1.0					

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI NON DRENATE																						
Piastr Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Ilgk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento			
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig	
										A2/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X+	A2/3	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X-	A2/5	0.98	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y+	A2/7	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y-	A2/8	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
52	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X+	A2/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X-	A2/4	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y+	A2/6	0.98	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y-	A2/7	0.97	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/8	0.97	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
53	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X+	A2/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X-	A2/3	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y+	A2/5	0.98	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y-	A2/7	0.97	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/8	0.97	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
54	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X+	A2/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X-	A2/3	0.96	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y+	A2/5	0.98	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y-	A2/7	0.97	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/8	0.97	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
55	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.58	1.00	1.00	1.19	1.00	0.60</			

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI NON DRENATE																						
Piastr Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Ilgk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento			
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig	
62	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X+	A2/4	0.96	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X-	A2/6	0.98	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y+	A2/7	0.97	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y-	A2/8	0.97	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
63	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X+	A2/4	0.96	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X-	A2/6	0.98	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y+	A2/7	0.97	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y-	A2/8	0.97	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
64	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X+	A2/3	0.96	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X-	A2/5	0.98	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y+	A2/7	0.97	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y-	A2/8	0.97	1.00	0.89	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
65	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X+	A2/3	0.96	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X-	A2/5	0.98	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y+	A2/7	0.97	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y-	A2/8	0.97	1.00	0.89	1.50	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
66	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X+	A2/3	0.96	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X-	A2/5	0.98	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y+	A2/9	0.97	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y-	A2/10	0.97	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
67	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X+	A2/4	0.96	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									X-	A2/6	0.98	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y+	A2/9	0.97	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
									Y-	A2/10	0.97	1.00	0.90	1.51	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
68	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.90	1.49	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A1/2	0.99	1.00	0.90	1.49	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.90	1.49	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00
										A2/2	0.99	1.00	0.90	1.49	1.00	1.00						

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI NON DRENATE																					
Piast Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Igk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento		
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig
									Y+	A2/7	0.97	1.00	0.89	1.46	1.00	1.00	1.19	1.00	0.60	1.00	1.00
									Y-	A2/8	0.97	1.00	0.89	1.46	1.00	1.00	1.19	1.00	0.60	1.00	1.00
73	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.90	1.48	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.90	1.48	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.90	1.48	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.90	1.48	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X+		A2/3	0.96	1.00	0.90	1.48	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X-		A2/5	0.98	1.00	0.90	1.48	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y+		A2/9	0.97	1.00	0.90	1.48	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y-		A2/10	0.97	1.00	0.90	1.48	1.00	1.00	1.19	1.00	0.60	1.00	1.00
74	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.89	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.89	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X+		A2/4	0.96	1.00	0.89	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X-		A2/6	0.98	1.00	0.89	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y+		A2/7	0.97	1.00	0.89	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y-		A2/8	0.97	1.00	0.89	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
75	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.90	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.90	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.90	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.90	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X+		A2/4	0.96	1.00	0.90	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X-		A2/6	0.98	1.00	0.90	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y+		A2/9	0.97	1.00	0.90	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y-		A2/10	0.97	1.00	0.90	1.47	1.00	1.00	1.19	1.00	0.60	1.00	1.00
76	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X+		A2/3	0.96	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X-		A2/5	0.98	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y+		A2/7	0.97	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y-		A2/8	0.97	1.00	0.89	1.56	1.00	1.00	1.19	1.00	0.60	1.00	1.00
77	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X+		A2/3	0.96	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X-		A2/5	0.98	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y+		A2/7	0.97	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y-		A2/8	0.97	1.00	0.89	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
78	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X+		A2/3	0.96	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X-		A2/5	0.98	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y+		A2/7	0.97	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y-		A2/8	0.97	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
79	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1.00			A2/1	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A2/2	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X+		A2/3	0.96	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								X-		A2/5	0.98	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y+		A2/9	0.97	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
								Y-		A2/10	0.97	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00
80	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00		A1/1	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
										A1/2	0.99	1.00	0.89	1.57	1.00	1.00	1.19	1.00	0.60	1.00	1.00
	5.14	1.00	0.00		1.00	1.00	1														

COEFFICIENTI DI PORTANZA PIASTRE WINKLER - CONDIZIONI NON DRENATE																								
Piast Nro	Brinch Hansen			IclTe Gc=Gq	Incl.PianoPosa			Igk Sism	Comb N.ro	CoeffIncl.Car.			Affondamento			Forma			Punzonamento					
	Nc	Nq	Ng		Bc	Bq	Bg			IcV	IqV	IgV	Dc	Dq	Dg	Sc	Sq	Sg	Psic	Psig	Psig			
									A2/2	0.99	1.00	0.90	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00			
									X+	A2/3	0.96	1.00	0.90	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									X-	A2/5	0.98	1.00	0.90	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									Y+	A2/9	0.97	1.00	0.90	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
									Y-	A2/10	0.97	1.00	0.90	1.55	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
84	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00			
									A1/2	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00		
									A2/1	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00		
		5.14	1.00	0.00		1.00	1.00	1.00		A2/2	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00		
										X+	A2/3	0.96	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
										X-	A2/5	0.98	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
									Y+	A2/9	0.97	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00		
									Y-	A2/10	0.97	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
85	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00			
									A1/2	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00		
									A2/1	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00		
		5.14	1.00	0.00		1.00	1.00	1.00		A2/2	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00		
										X+	A2/4	0.96	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
										X-	A2/6	0.98	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
									Y+	A2/9	0.97	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00		
									Y-	A2/10	0.97	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
86	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00			
									A1/2	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00		
									A2/1	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00		
		5.14	1.00	0.00		1.00	1.00	1.00		A2/2	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00		
										X+	A2/4	0.96	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
										X-	A2/6	0.98	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
									Y+	A2/9	0.97	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00		
									Y-	A2/10	0.97	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	
87	5.14	1.00	0.00	1.00	1.00	1.00	1.00	1.00	A1/1	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00			
									A1/2	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00		
									A2/1	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00		
		5.14	1.00	0.00		1.00	1.00	1.00		A2/2	0.99	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00		
										X+	A2/4	0.96	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
										X-	A2/6	0.98	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00
									Y+	A2/9	0.97	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00		
									Y-	A2/10	0.97	1.00	0.90	1.54	1.00	1.00	1.19	1.00	0.60	1.00	1.00	1.00	1.00	

CARICO LIMITE PIASTRE WINKLER														
IDENTIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Piastr N.ro	Nodo3d N.ro	Comb N.ro	Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
1	1	A1 / 1	0.87	0.87	1722	160.4	1722	52.6						
		A1 / 2	0.87	0.87	1722	160.4	1722	52.6						
		A2 / 1	0.87	0.87	1722	52.4	1722	21.6						
		A2 / 2	0.87	0.87	1722	52.4	1722	21.6						
		X+ A2 / 4	0.87	0.87	1722	48.4	1722	21.0						
		X- A2 / 6	0.87	0.87	1722	50.6	1722	21.3						
		Y+ A2 / 9	0.87	0.87	1722	49.9	1722	21.2						
		Y- A2 / 10	0.87	0.87	1722	49.9	1722	21.2						
2	2	A1 / 1	0.69	0.69	1722	102.1	1722	33.7						
		A1 / 2	0.69	0.69	1722	102.1	1722	33.7						
		A2 / 1	0.69	0.69	1722	33.4	1722	13.8						
		A2 / 2	0.69	0.69	1722	33.4	1722	13.8						
		X+ A2 / 3	0.69	0.69	1722	30.8	1722	13.4						
		X- A2 / 5	0.69	0.69	1722	32.2	1722	13.6						
		Y+ A2 / 9	0.69	0.69	1722	31.7	1722	13.6						
		Y- A2 / 10	0.69	0.69	1722	31.7	1722	13.6						
3	5	A1 / 1	0.97	0.97	1722	200.2	1722	65.5						
		A1 / 2	0.97	0.97	1722	200.2	1722	65.5						
		A2 / 1	0.97	0.97	1722	65.4	1722	26.9						
		A2 / 2	0.97	0.97	1722	65.4	1722	26.9						
		X+ A2 / 3	0.97	0.97	1722	60.4	1722	26.1						
		X- A2 / 5	0.97	0.97	1722	63.2	1722	26.6						
		Y+ A2 / 7	0.97	0.97	1722	61.4	1722	26.3						
		Y- A2 / 8	0.97	0.97	1722	61.4	1722	26.3						
4	7	A1 / 1	0.77	0.77	1722	127.3	1722	41.9						
		A1 / 2	0.77	0.77	1722	127.3	1722	41.9						
		A2 / 1	0.77	0.77	1722	41.6	1722	17.2						
		A2 / 2	0.77	0.77	1722	41.6	1722	17.2						
		X+ A2 / 4	0.77	0.77	1722	38.5	1722	16.7						
		X- A2 / 6	0.77	0.77	1722	40.2	1722	17.0						
		Y+ A2 / 7	0.77	0.77	1722	39.1	1722	16.8						
		Y- A2 / 8	0.77	0.77	1722	39.1	1722	16.8						
5	8	A1 / 1	0.66	0.66	1722	69.8	1722	29.4						
		A1 / 2	0.66	0.66	1722	69.8	1722	29.4						
		A2 / 1	0.66	0.66	1722	22.7	1722	11.9						
		A2 / 2	0.66	0.66	1722	22.7	1722	11.9						
		X+ A2 / 4	0.66	0.66	1722	20.9	1722	11.6						
		X- A2 / 6	0.66	0.66	1722	21.9	1722	11.7						
		Y+ A2 / 7	0.66	0.66	1722	21.3	1722	11.6						
		Y- A2 / 8	0.66	0.66	1722	21.3	1722	11.6						
6	9	A1 / 1	0.74	0.74	1722	118.4	1722	39.0						
		A1 / 2	0.74	0.74	1722	118.4	1722	39.0						
		A2 / 1	0.74	0.74	1722	38.7	1722	16.0						
		A2 / 2	0.74	0.74	1722	38.7	1722	16.0						

CARICO LIMITE PIASTRE WINKLER														
IDENTIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Piastr N.ro	Nodo3d N.ro	Comb N.ro	Bx' m	By' m	Gamef kg/mc	QLimV (t)	Gamef kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		X+	A2 / 4	0.74	0.74	1722	35.7	1722	15.5					
		X-	A2 / 6	0.74	0.74	1722	37.4	1722	15.8					
		Y+	A2 / 7	0.74	0.74	1722	36.3	1722	15.6					
		Y-	A2 / 8	0.74	0.74	1722	36.4	1722	15.6					
7	11		A1 / 1	0.74	0.74	1722	118.9	1722	39.2					
			A1 / 2	0.74	0.74	1722	118.9	1722	39.2					
			A2 / 1	0.74	0.74	1722	38.9	1722	16.1					
			A2 / 2	0.74	0.74	1722	38.9	1722	16.1					
		X+	A2 / 3	0.74	0.74	1722	35.9	1722	15.6					
		X-	A2 / 5	0.74	0.74	1722	37.6	1722	15.9					
		Y+	A2 / 7	0.74	0.74	1722	36.5	1722	15.7					
		Y-	A2 / 8	0.74	0.74	1722	36.5	1722	15.7					
8	12		A1 / 1	0.70	0.70	1722	78.4	1722	33.0					
			A1 / 2	0.70	0.70	1722	78.4	1722	33.0					
			A2 / 1	0.70	0.70	1722	25.5	1722	13.4					
			A2 / 2	0.70	0.70	1722	25.5	1722	13.4					
		X+	A2 / 3	0.70	0.70	1722	23.5	1722	13.0					
		X-	A2 / 5	0.70	0.70	1722	24.6	1722	13.2					
		Y+	A2 / 7	0.70	0.70	1722	23.9	1722	13.1					
		Y-	A2 / 8	0.70	0.70	1722	23.9	1722	13.1					
9	13		A1 / 1	0.75	0.75	1722	88.9	1722	37.3					
			A1 / 2	0.75	0.75	1722	88.9	1722	37.3					
			A2 / 1	0.75	0.75	1722	28.9	1722	15.1					
			A2 / 2	0.75	0.75	1722	28.9	1722	15.1					
		X+	A2 / 3	0.75	0.75	1722	26.7	1722	14.7					
		X-	A2 / 5	0.75	0.75	1722	27.9	1722	14.9					
		Y+	A2 / 9	0.75	0.75	1722	27.5	1722	14.9					
		Y-	A2 / 10	0.75	0.75	1722	27.5	1722	14.9					
10	18		A1 / 1	0.74	0.74	1722	85.2	1722	35.8					
			A1 / 2	0.74	0.74	1722	85.2	1722	35.8					
			A2 / 1	0.74	0.74	1722	27.7	1722	14.5					
			A2 / 2	0.74	0.74	1722	27.7	1722	14.5					
		X+	A2 / 4	0.74	0.74	1722	25.6	1722	14.1					
		X-	A2 / 6	0.74	0.74	1722	26.8	1722	14.3					
		Y+	A2 / 9	0.74	0.74	1722	26.4	1722	14.3					
		Y-	A2 / 10	0.74	0.74	1722	26.4	1722	14.2					
11	23		A1 / 1	0.47	0.47	1722	47.2	1722	15.7					
			A1 / 2	0.47	0.47	1722	47.2	1722	15.7					
			A2 / 1	0.47	0.47	1722	15.5	1722	6.4					
			A2 / 2	0.47	0.47	1722	15.5	1722	6.4					
		X+	A2 / 3	0.47	0.47	1722	14.3	1722	6.2					
		X-	A2 / 5	0.47	0.47	1722	14.9	1722	6.3					
		Y+	A2 / 9	0.47	0.47	1722	14.7	1722	6.3					
		Y-	A2 / 10	0.47	0.47	1722	14.7	1722	6.3					
12	24		A1 / 1	0.51	0.51	1722	55.5	1722	18.4					
			A1 / 2	0.51	0.51	1722	55.5	1722	18.4					
			A2 / 1	0.51	0.51	1722	18.2	1722	7.5					
			A2 / 2	0.51	0.51	1722	18.2	1722	7.5					
		X+	A2 / 4	0.51	0.51	1722	16.7	1722	7.3					
		X-	A2 / 6	0.51	0.51	1722	17.5	1722	7.4					
		Y+	A2 / 9	0.51	0.51	1722	17.3	1722	7.4					
		Y-	A2 / 10	0.51	0.51	1722	17.3	1722	7.4					
13	25		A1 / 1	0.44	0.44	1722	43.0	1722	14.3					
			A1 / 2	0.44	0.44	1722	43.0	1722	14.3					
			A2 / 1	0.44	0.44	1722	14.1	1722	5.9					
			A2 / 2	0.44	0.44	1722	14.1	1722	5.9					
		X+	A2 / 4	0.44	0.44	1722	13.0	1722	5.7					
		X-	A2 / 6	0.44	0.44	1722	13.6	1722	5.8					
		Y+	A2 / 7	0.44	0.44	1722	13.2	1722	5.7					
		Y-	A2 / 8	0.44	0.44	1722	13.2	1722	5.7					
14	26		A1 / 1	0.40	0.40	1722	34.8	1722	11.6					
			A1 / 2	0.40	0.40	1722	34.8	1722	11.6					
			A2 / 1	0.40	0.40	1722	11.4	1722	4.7					
			A2 / 2	0.40	0.40	1722	11.4	1722	4.7					
		X+	A2 / 3	0.40	0.40	1722	10.5	1722	4.6					
		X-	A2 / 5	0.40	0.40	1722	11.0	1722	4.7					
		Y+	A2 / 7	0.40	0.40	1722	10.7	1722	4.6					
		Y-	A2 / 8	0.40	0.40	1722	10.7	1722	4.6					
15	27		A1 / 1	0.66	0.66	1722	92.9	1722	30.7					
			A1 / 2	0.66	0.66	1722	92.9	1722	30.7					
			A2 / 1	0.66	0.66	1722	30.4	1722	12.6					
			A2 / 2	0.66	0.66	1722	30.4	1722	12.6					
		X+	A2 / 4	0.66	0.66	1722	28.0	1722	12.2					
		X-	A2 / 6	0.66	0.66	1722	29.3	1722	12.4					
		Y+	A2 / 9	0.66	0.66	1722	28.9	1722	12.4					
		Y-	A2 / 10	0.66	0.66	1722	28.9	1722	12.4					
16	28		A1 / 1	0.69	0.69	1722	102.2	1722	33.7					
			A1 / 2	0.69	0.69	1722	102.2	1722	33.7					
			A2 / 1	0.69	0.69	1722	33.4	1722	13.8					
			A2 / 2	0.69	0.69	1722	33.4	1722	13.8					
		X+	A2 / 4	0.69	0.69	1722	30.8	1722	13.4					
		X-	A2 / 6	0.69	0.69	1722	32.2	1722	13.6					
		Y+	A2 / 9	0.69	0.69	1722	31.8	1722	13.6					
		Y-	A2 / 10	0.69	0.69	1722	31.8	1722	13.6					

CARICO LIMITE PIASTRE WINKLER														
IDENTIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Piastr N.ro	Nodo3d N.ro	Comb N.ro	Bx' m	By' m	GamEf kg/mc	QLimV (t)	GamEf kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
17	29	A1 / 1	0.66	0.66	1722	92.9	1722	30.7						
		A1 / 2	0.66	0.66	1722	92.9	1722	30.7						
		A2 / 1	0.66	0.66	1722	30.4	1722	12.6						
		A2 / 2	0.66	0.66	1722	30.4	1722	12.6						
		X+ A2 / 3	0.66	0.66	1722	28.0	1722	12.2						
		X- A2 / 5	0.66	0.66	1722	29.3	1722	12.4						
		Y+ A2 / 9	0.66	0.66	1722	28.9	1722	12.4						
		Y- A2 / 10	0.66	0.66	1722	28.9	1722	12.4						
18	30	A1 / 1	1.02	1.02	1722	220.6	1722	72.1						
		A1 / 2	1.02	1.02	1722	220.6	1722	72.1						
		A2 / 1	1.02	1.02	1722	72.1	1722	29.6						
		A2 / 2	1.02	1.02	1722	72.1	1722	29.6						
		X+ A2 / 3	1.02	1.02	1722	66.4	1722	28.7						
		X- A2 / 5	1.02	1.02	1722	69.5	1722	29.2						
		Y+ A2 / 7	1.02	1.02	1722	67.6	1722	28.9						
		Y- A2 / 8	1.02	1.02	1722	67.6	1722	28.9						
19	31	A1 / 1	1.00	1.00	1722	214.9	1722	70.2						
		A1 / 2	1.00	1.00	1722	214.9	1722	70.2						
		A2 / 1	1.00	1.00	1722	70.2	1722	28.8						
		A2 / 2	1.00	1.00	1722	70.2	1722	28.8						
		X+ A2 / 3	1.00	1.00	1722	64.8	1722	28.0						
		X- A2 / 5	1.00	1.00	1722	67.8	1722	28.5						
		Y+ A2 / 7	1.00	1.00	1722	65.9	1722	28.2						
		Y- A2 / 8	1.00	1.00	1722	65.9	1722	28.2						
20	32	A1 / 1	0.80	0.80	1722	137.6	1722	45.2						
		A1 / 2	0.80	0.80	1722	137.6	1722	45.2						
		A2 / 1	0.80	0.80	1722	45.0	1722	18.6						
		A2 / 2	0.80	0.80	1722	45.0	1722	18.6						
		X+ A2 / 4	0.80	0.80	1722	41.5	1722	18.0						
		X- A2 / 6	0.80	0.80	1722	43.4	1722	18.3						
		Y+ A2 / 7	0.80	0.80	1722	42.2	1722	18.1						
		Y- A2 / 8	0.80	0.80	1722	42.2	1722	18.1						
21	33	A1 / 1	0.61	0.61	1722	80.3	1722	26.5						
		A1 / 2	0.61	0.61	1722	80.3	1722	26.5						
		A2 / 1	0.61	0.61	1722	26.3	1722	10.9						
		A2 / 2	0.61	0.61	1722	26.3	1722	10.9						
		X+ A2 / 3	0.61	0.61	1722	24.3	1722	10.6						
		X- A2 / 5	0.61	0.61	1722	25.4	1722	10.8						
		Y+ A2 / 7	0.61	0.61	1722	24.7	1722	10.6						
		Y- A2 / 8	0.61	0.61	1722	24.7	1722	10.7						
22	34	A1 / 1	0.61	0.61	1722	80.3	1722	26.5						
		A1 / 2	0.61	0.61	1722	80.3	1722	26.5						
		A2 / 1	0.61	0.61	1722	26.3	1722	10.9						
		A2 / 2	0.61	0.61	1722	26.3	1722	10.9						
		X+ A2 / 3	0.61	0.61	1722	24.3	1722	10.6						
		X- A2 / 5	0.61	0.61	1722	25.4	1722	10.8						
		Y+ A2 / 7	0.61	0.61	1722	24.7	1722	10.7						
		Y- A2 / 8	0.61	0.61	1722	24.7	1722	10.7						
23	35	A1 / 1	0.85	0.85	1722	156.4	1722	51.3						
		A1 / 2	0.85	0.85	1722	156.4	1722	51.3						
		A2 / 1	0.85	0.85	1722	51.2	1722	21.1						
		A2 / 2	0.85	0.85	1722	51.2	1722	21.1						
		X+ A2 / 4	0.85	0.85	1722	47.2	1722	20.5						
		X- A2 / 6	0.85	0.85	1722	49.4	1722	20.8						
		Y+ A2 / 7	0.85	0.85	1722	48.0	1722	20.6						
		Y- A2 / 8	0.85	0.85	1722	48.0	1722	20.6						
24	36	A1 / 1	0.74	0.74	1722	116.4	1722	38.3						
		A1 / 2	0.74	0.74	1722	116.4	1722	38.3						
		A2 / 1	0.74	0.74	1722	38.1	1722	15.7						
		A2 / 2	0.74	0.74	1722	38.1	1722	15.7						
		X+ A2 / 4	0.74	0.74	1722	35.2	1722	15.3						
		X- A2 / 6	0.74	0.74	1722	36.8	1722	15.5						
		Y+ A2 / 7	0.74	0.74	1722	35.7	1722	15.4						
		Y- A2 / 8	0.74	0.74	1722	35.8	1722	15.4						
25	37	A1 / 1	0.86	0.86	1722	158.8	1722	52.1						
		A1 / 2	0.86	0.86	1722	158.8	1722	52.1						
		A2 / 1	0.86	0.86	1722	51.9	1722	21.4						
		A2 / 2	0.86	0.86	1722	51.9	1722	21.4						
		X+ A2 / 3	0.86	0.86	1722	47.9	1722	20.8						
		X- A2 / 5	0.86	0.86	1722	50.1	1722	21.1						
		Y+ A2 / 7	0.86	0.86	1722	48.7	1722	20.9						
		Y- A2 / 8	0.86	0.86	1722	48.7	1722	20.9						
26	38	A1 / 1	0.77	0.77	1722	126.5	1722	41.6						
		A1 / 2	0.77	0.77	1722	126.5	1722	41.6						
		A2 / 1	0.77	0.77	1722	41.4	1722	17.1						
		A2 / 2	0.77	0.77	1722	41.4	1722	17.1						
		X+ A2 / 3	0.77	0.77	1722	38.1	1722	16.6						
		X- A2 / 5	0.77	0.77	1722	39.9	1722	16.9						
		Y+ A2 / 7	0.77	0.77	1722	38.8	1722	16.7						
		Y- A2 / 8	0.77	0.77	1722	38.8	1722	16.7						
27	39	A1 / 1	0.88	0.88	1722	167.4	1722	54.9						
		A1 / 2	0.88	0.88	1722	167.4	1722	54.9						
		A2 / 1	0.88	0.88	1722	54.7	1722	22.5						
		A2 / 2	0.88	0.88	1722	54.7	1722	22.5						
		X+ A2 / 3	0.88	0.88	1722	50.5	1722	21.9						

CARICO LIMITE PIASTRE WINKLER														
IDENTIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Piastr N.ro	Nodo3d N.ro	Comb N.ro	Bx' m	By' m	Gamef kg/mc	QLimV (t)	Gamef kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		X- A2 / 5	0.88	0.88	1722	52.8	1722	22.2						
		Y+ A2 / 7	0.88	0.88	1722	51.3	1722	22.0						
		Y- A2 / 8	0.88	0.88	1722	51.4	1722	22.0						
28	40	A1 / 1	1.00	1.00	1722	213.4	1722	69.8						
		A1 / 2	1.00	1.00	1722	213.4	1722	69.8						
		A2 / 1	1.00	1.00	1722	69.7	1722	28.6						
		A2 / 2	1.00	1.00	1722	69.7	1722	28.6						
		X+ A2 / 3	1.00	1.00	1722	64.4	1722	27.9						
		X- A2 / 5	1.00	1.00	1722	67.3	1722	28.3						
		Y+ A2 / 7	1.00	1.00	1722	65.5	1722	28.0						
		Y- A2 / 8	1.00	1.00	1722	65.5	1722	28.0						
29	41	A1 / 1	0.88	0.88	1722	166.4	1722	54.6						
		A1 / 2	0.88	0.88	1722	166.4	1722	54.6						
		A2 / 1	0.88	0.88	1722	54.4	1722	22.4						
		A2 / 2	0.88	0.88	1722	54.4	1722	22.4						
		X+ A2 / 3	0.88	0.88	1722	50.2	1722	21.8						
		X- A2 / 5	0.88	0.88	1722	52.5	1722	22.1						
		Y+ A2 / 7	0.88	0.88	1722	51.0	1722	21.9						
		Y- A2 / 8	0.88	0.88	1722	51.1	1722	21.9						
30	42	A1 / 1	1.00	1.00	1722	213.5	1722	69.8						
		A1 / 2	1.00	1.00	1722	213.5	1722	69.8						
		A2 / 1	1.00	1.00	1722	69.8	1722	28.6						
		A2 / 2	1.00	1.00	1722	69.8	1722	28.6						
		X+ A2 / 3	1.00	1.00	1722	64.4	1722	27.9						
		X- A2 / 5	1.00	1.00	1722	67.4	1722	28.3						
		Y+ A2 / 7	1.00	1.00	1722	65.5	1722	28.0						
		Y- A2 / 8	1.00	1.00	1722	65.5	1722	28.0						
31	43	A1 / 1	0.89	0.89	1722	168.1	1722	55.1						
		A1 / 2	0.89	0.89	1722	168.1	1722	55.1						
		A2 / 1	0.89	0.89	1722	55.0	1722	22.6						
		A2 / 2	0.89	0.89	1722	55.0	1722	22.6						
		X+ A2 / 4	0.89	0.89	1722	50.7	1722	22.0						
		X- A2 / 6	0.89	0.89	1722	53.0	1722	22.3						
		Y+ A2 / 7	0.89	0.89	1722	51.5	1722	22.1						
		Y- A2 / 8	0.89	0.89	1722	51.6	1722	22.1						
32	44	A1 / 1	1.08	1.08	1722	250.1	1722	81.6						
		A1 / 2	1.08	1.08	1722	250.1	1722	81.6						
		A2 / 1	1.08	1.08	1722	81.7	1722	33.5						
		A2 / 2	1.08	1.08	1722	81.7	1722	33.5						
		X+ A2 / 4	1.08	1.08	1722	75.4	1722	32.6						
		X- A2 / 6	1.08	1.08	1722	78.8	1722	33.1						
		Y+ A2 / 7	1.08	1.08	1722	76.7	1722	32.8						
		Y- A2 / 8	1.08	1.08	1722	76.7	1722	32.8						
33	45	A1 / 1	1.08	1.08	1722	247.8	1722	80.8						
		A1 / 2	1.08	1.08	1722	247.8	1722	80.8						
		A2 / 1	1.08	1.08	1722	80.9	1722	33.2						
		A2 / 2	1.08	1.08	1722	80.9	1722	33.2						
		X+ A2 / 4	1.08	1.08	1722	74.8	1722	32.3						
		X- A2 / 6	1.08	1.08	1722	78.1	1722	32.8						
		Y+ A2 / 7	1.08	1.08	1722	76.0	1722	32.5						
		Y- A2 / 8	1.08	1.08	1722	76.0	1722	32.5						
34	46	A1 / 1	1.00	1.00	1722	213.5	1722	69.8						
		A1 / 2	1.00	1.00	1722	213.5	1722	69.8						
		A2 / 1	1.00	1.00	1722	69.8	1722	28.6						
		A2 / 2	1.00	1.00	1722	69.8	1722	28.6						
		X+ A2 / 3	1.00	1.00	1722	64.4	1722	27.9						
		X- A2 / 5	1.00	1.00	1722	67.4	1722	28.3						
		Y+ A2 / 7	1.00	1.00	1722	65.5	1722	28.0						
		Y- A2 / 8	1.00	1.00	1722	65.5	1722	28.0						
35	47	A1 / 1	0.88	0.88	1722	165.4	1722	54.3						
		A1 / 2	0.88	0.88	1722	165.4	1722	54.3						
		A2 / 1	0.88	0.88	1722	54.1	1722	22.3						
		A2 / 2	0.88	0.88	1722	54.1	1722	22.3						
		X+ A2 / 3	0.88	0.88	1722	49.9	1722	21.7						
		X- A2 / 5	0.88	0.88	1722	52.2	1722	22.0						
		Y+ A2 / 7	0.88	0.88	1722	50.8	1722	21.8						
		Y- A2 / 8	0.88	0.88	1722	50.8	1722	21.8						
36	48	A1 / 1	0.69	0.69	1722	101.4	1722	33.4						
		A1 / 2	0.69	0.69	1722	101.4	1722	33.4						
		A2 / 1	0.69	0.69	1722	33.2	1722	13.7						
		A2 / 2	0.69	0.69	1722	33.2	1722	13.7						
		X+ A2 / 3	0.69	0.69	1722	30.6	1722	13.3						
		X- A2 / 5	0.69	0.69	1722	32.0	1722	13.6						
		Y+ A2 / 7	0.69	0.69	1722	31.2	1722	13.4						
		Y- A2 / 8	0.69	0.69	1722	31.2	1722	13.4						
37	49	A1 / 1	0.85	0.85	1722	155.0	1722	50.9						
		A1 / 2	0.85	0.85	1722	155.0	1722	50.9						
		A2 / 1	0.85	0.85	1722	50.7	1722	20.9						
		A2 / 2	0.85	0.85	1722	50.7	1722	20.9						
		X+ A2 / 3	0.85	0.85	1722	46.8	1722	20.3						
		X- A2 / 5	0.85	0.85	1722	48.9	1722	20.6						
		Y+ A2 / 7	0.85	0.85	1722	47.6	1722	20.4						
		Y- A2 / 8	0.85	0.85	1722	47.6	1722	20.4						
38	50	A1 / 1	1.03	1.03	1722	225.4	1722	73.6						

CARICO LIMITE PIASTRE WINKLER														
IDENTIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Piastr N.ro	Nodo3d N.ro	Comb N.ro	Bx' m	By' m	Gamef kg/mc	QLimV (t)	Gamef kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		A1 / 2	1.03	1.03	1722	225.5	1722	73.6						
		A2 / 1	1.03	1.03	1722	73.7	1722	30.2						
		A2 / 2	1.03	1.03	1722	73.7	1722	30.2						
		X+ A2 / 4	1.03	1.03	1722	68.1	1722	29.4						
		X- A2 / 6	1.03	1.03	1722	71.1	1722	29.9						
		Y+ A2 / 7	1.03	1.03	1722	69.2	1722	29.6						
		Y- A2 / 8	1.03	1.03	1722	69.2	1722	29.6						
39	51	A1 / 1	0.75	0.75	1722	121.6	1722	40.0						
		A1 / 2	0.75	0.75	1722	121.6	1722	40.0						
		A2 / 1	0.75	0.75	1722	39.8	1722	16.4						
		A2 / 2	0.75	0.75	1722	39.8	1722	16.4						
		X+ A2 / 4	0.75	0.75	1722	36.8	1722	16.0						
		X- A2 / 6	0.75	0.75	1722	38.4	1722	16.2						
		Y+ A2 / 7	0.75	0.75	1722	37.4	1722	16.1						
		Y- A2 / 8	0.75	0.75	1722	37.4	1722	16.1						
40	52	A1 / 1	0.52	0.52	1722	59.3	1722	19.6						
		A1 / 2	0.52	0.52	1722	59.3	1722	19.6						
		A2 / 1	0.52	0.52	1722	19.4	1722	8.1						
		A2 / 2	0.52	0.52	1722	19.4	1722	8.1						
		X+ A2 / 4	0.52	0.52	1722	17.9	1722	7.8						
		X- A2 / 6	0.52	0.52	1722	18.7	1722	8.0						
		Y+ A2 / 7	0.52	0.52	1722	18.2	1722	7.9						
		Y- A2 / 8	0.52	0.52	1722	18.2	1722	7.9						
41	53	A1 / 1	0.47	0.47	1722	47.9	1722	15.9						
		A1 / 2	0.47	0.47	1722	47.9	1722	15.9						
		A2 / 1	0.47	0.47	1722	15.7	1722	6.5						
		A2 / 2	0.47	0.47	1722	15.7	1722	6.5						
		X+ A2 / 4	0.47	0.47	1722	14.5	1722	6.3						
		X- A2 / 6	0.47	0.47	1722	15.1	1722	6.4						
		Y+ A2 / 7	0.47	0.47	1722	14.7	1722	6.4						
		Y- A2 / 8	0.47	0.47	1722	14.7	1722	6.4						
42	54	A1 / 1	0.52	0.52	1722	58.3	1722	19.3						
		A1 / 2	0.52	0.52	1722	58.3	1722	19.3						
		A2 / 1	0.52	0.52	1722	19.1	1722	7.9						
		A2 / 2	0.52	0.52	1722	19.1	1722	7.9						
		X+ A2 / 4	0.52	0.52	1722	17.6	1722	7.7						
		X- A2 / 6	0.52	0.52	1722	18.4	1722	7.8						
		Y+ A2 / 7	0.52	0.52	1722	17.9	1722	7.7						
		Y- A2 / 8	0.52	0.52	1722	17.9	1722	7.7						
43	55	A1 / 1	0.52	0.52	1722	59.3	1722	19.6						
		A1 / 2	0.52	0.52	1722	59.3	1722	19.6						
		A2 / 1	0.52	0.52	1722	19.4	1722	8.1						
		A2 / 2	0.52	0.52	1722	19.4	1722	8.1						
		X+ A2 / 3	0.52	0.52	1722	17.9	1722	7.8						
		X- A2 / 5	0.52	0.52	1722	18.7	1722	8.0						
		Y+ A2 / 7	0.52	0.52	1722	18.2	1722	7.9						
		Y- A2 / 8	0.52	0.52	1722	18.2	1722	7.9						
44	56	A1 / 1	0.47	0.47	1722	47.9	1722	15.9						
		A1 / 2	0.47	0.47	1722	47.9	1722	15.9						
		A2 / 1	0.47	0.47	1722	15.7	1722	6.5						
		A2 / 2	0.47	0.47	1722	15.7	1722	6.5						
		X+ A2 / 3	0.47	0.47	1722	14.5	1722	6.3						
		X- A2 / 5	0.47	0.47	1722	15.1	1722	6.4						
		Y+ A2 / 7	0.47	0.47	1722	14.7	1722	6.4						
		Y- A2 / 8	0.47	0.47	1722	14.7	1722	6.4						
45	57	A1 / 1	0.52	0.52	1722	58.3	1722	19.3						
		A1 / 2	0.52	0.52	1722	58.3	1722	19.3						
		A2 / 1	0.52	0.52	1722	19.1	1722	7.9						
		A2 / 2	0.52	0.52	1722	19.1	1722	7.9						
		X+ A2 / 3	0.52	0.52	1722	17.6	1722	7.7						
		X- A2 / 5	0.52	0.52	1722	18.4	1722	7.8						
		Y+ A2 / 7	0.52	0.52	1722	17.9	1722	7.7						
		Y- A2 / 8	0.52	0.52	1722	17.9	1722	7.7						
46	58	A1 / 1	0.47	0.47	1722	47.9	1722	15.9						
		A1 / 2	0.47	0.47	1722	47.9	1722	15.9						
		A2 / 1	0.47	0.47	1722	15.7	1722	6.5						
		A2 / 2	0.47	0.47	1722	15.7	1722	6.5						
		X+ A2 / 4	0.47	0.47	1722	14.5	1722	6.3						
		X- A2 / 6	0.47	0.47	1722	15.1	1722	6.4						
		Y+ A2 / 7	0.47	0.47	1722	14.7	1722	6.4						
		Y- A2 / 8	0.47	0.47	1722	14.7	1722	6.4						
47	59	A1 / 1	0.48	0.48	1722	50.6	1722	16.8						
		A1 / 2	0.48	0.48	1722	50.6	1722	16.8						
		A2 / 1	0.48	0.48	1722	16.6	1722	6.9						
		A2 / 2	0.48	0.48	1722	16.6	1722	6.9						
		X+ A2 / 3	0.48	0.48	1722	15.3	1722	6.7						
		X- A2 / 5	0.48	0.48	1722	16.0	1722	6.8						
		Y+ A2 / 9	0.48	0.48	1722	15.8	1722	6.8						
		Y- A2 / 10	0.48	0.48	1722	15.8	1722	6.8						
48	60	A1 / 1	0.48	0.48	1722	50.6	1722	16.8						
		A1 / 2	0.48	0.48	1722	50.6	1722	16.8						
		A2 / 1	0.48	0.48	1722	16.6	1722	6.9						
		A2 / 2	0.48	0.48	1722	16.6	1722	6.9						
		X+ A2 / 3	0.48	0.48	1722	15.3	1722	6.7						
		X- A2 / 5	0.48	0.48	1722	16.0	1722	6.8						

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

CARICO LIMITE PIASTRE WINKLER														
IDENTIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Piastr N.ro	Nodo3d N.ro	Comb N.ro	Bx' m	By' m	Gamef kg/mc	QLimV (t)	Gamef kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		Y+ A2 / 9	0.48	0.48	1722	15.8	1722	6.8						
		Y- A2 / 10	0.48	0.48	1722	15.8	1722	6.8						
49	61	A1 / 1	0.48	0.48	1722	50.6	1722	16.8						
		A1 / 2	0.48	0.48	1722	50.6	1722	16.8						
		A2 / 1	0.48	0.48	1722	16.6	1722	6.9						
		A2 / 2	0.48	0.48	1722	16.6	1722	6.9						
		X+ A2 / 4	0.48	0.48	1722	15.3	1722	6.7						
		X- A2 / 6	0.48	0.48	1722	16.0	1722	6.8						
		Y+ A2 / 9	0.48	0.48	1722	15.8	1722	6.8						
		Y- A2 / 10	0.48	0.48	1722	15.8	1722	6.8						
50	62	A1 / 1	0.44	0.44	1722	42.4	1722	14.1						
		A1 / 2	0.44	0.44	1722	42.4	1722	14.1						
		A2 / 1	0.44	0.44	1722	13.9	1722	5.8						
		A2 / 2	0.44	0.44	1722	13.9	1722	5.8						
		X+ A2 / 4	0.44	0.44	1722	12.8	1722	5.6						
		X- A2 / 6	0.44	0.44	1722	13.4	1722	5.7						
		Y+ A2 / 9	0.44	0.44	1722	13.2	1722	5.7						
		Y- A2 / 10	0.44	0.44	1722	13.2	1722	5.7						
51	63	A1 / 1	0.47	0.47	1722	47.9	1722	15.9						
		A1 / 2	0.47	0.47	1722	47.9	1722	15.9						
		A2 / 1	0.47	0.47	1722	15.7	1722	6.5						
		A2 / 2	0.47	0.47	1722	15.7	1722	6.5						
		X+ A2 / 3	0.47	0.47	1722	14.5	1722	6.3						
		X- A2 / 5	0.47	0.47	1722	15.1	1722	6.4						
		Y+ A2 / 7	0.47	0.47	1722	14.7	1722	6.4						
		Y- A2 / 8	0.47	0.47	1722	14.7	1722	6.4						
52	64	A1 / 1	0.46	0.46	1722	46.9	1722	15.6						
		A1 / 2	0.46	0.46	1722	46.9	1722	15.6						
		A2 / 1	0.46	0.46	1722	15.4	1722	6.4						
		A2 / 2	0.46	0.46	1722	15.4	1722	6.4						
		X+ A2 / 4	0.46	0.46	1722	14.2	1722	6.2						
		X- A2 / 6	0.46	0.46	1722	14.8	1722	6.3						
		Y+ A2 / 7	0.46	0.46	1722	14.4	1722	6.2						
		Y- A2 / 8	0.46	0.46	1722	14.4	1722	6.2						
53	65	A1 / 1	0.48	0.48	1722	50.7	1722	16.8						
		A1 / 2	0.48	0.48	1722	50.7	1722	16.8						
		A2 / 1	0.48	0.48	1722	16.6	1722	6.9						
		A2 / 2	0.48	0.48	1722	16.6	1722	6.9						
		X+ A2 / 3	0.48	0.48	1722	15.3	1722	6.7						
		X- A2 / 5	0.48	0.48	1722	16.0	1722	6.8						
		Y+ A2 / 7	0.48	0.48	1722	15.6	1722	6.7						
		Y- A2 / 8	0.48	0.48	1722	15.6	1722	6.7						
54	66	A1 / 1	0.48	0.48	1722	50.7	1722	16.8						
		A1 / 2	0.48	0.48	1722	50.7	1722	16.8						
		A2 / 1	0.48	0.48	1722	16.6	1722	6.9						
		A2 / 2	0.48	0.48	1722	16.6	1722	6.9						
		X+ A2 / 3	0.48	0.48	1722	15.3	1722	6.7						
		X- A2 / 5	0.48	0.48	1722	16.0	1722	6.8						
		Y+ A2 / 7	0.48	0.48	1722	15.6	1722	6.7						
		Y- A2 / 8	0.48	0.48	1722	15.6	1722	6.7						
55	67	A1 / 1	0.46	0.46	1722	46.9	1722	15.6						
		A1 / 2	0.46	0.46	1722	46.9	1722	15.6						
		A2 / 1	0.46	0.46	1722	15.4	1722	6.4						
		A2 / 2	0.46	0.46	1722	15.4	1722	6.4						
		X+ A2 / 3	0.46	0.46	1722	14.2	1722	6.2						
		X- A2 / 5	0.46	0.46	1722	14.8	1722	6.3						
		Y+ A2 / 7	0.46	0.46	1722	14.4	1722	6.2						
		Y- A2 / 8	0.46	0.46	1722	14.4	1722	6.2						
56	68	A1 / 1	0.48	0.48	1722	50.7	1722	16.8						
		A1 / 2	0.48	0.48	1722	50.7	1722	16.8						
		A2 / 1	0.48	0.48	1722	16.6	1722	6.9						
		A2 / 2	0.48	0.48	1722	16.6	1722	6.9						
		X+ A2 / 4	0.48	0.48	1722	15.3	1722	6.7						
		X- A2 / 6	0.48	0.48	1722	16.0	1722	6.8						
		Y+ A2 / 7	0.48	0.48	1722	15.6	1722	6.7						
		Y- A2 / 8	0.48	0.48	1722	15.6	1722	6.7						
57	69	A1 / 1	0.44	0.44	1722	42.4	1722	14.1						
		A1 / 2	0.44	0.44	1722	42.4	1722	14.1						
		A2 / 1	0.44	0.44	1722	13.9	1722	5.8						
		A2 / 2	0.44	0.44	1722	13.9	1722	5.8						
		X+ A2 / 4	0.44	0.44	1722	12.8	1722	5.6						
		X- A2 / 6	0.44	0.44	1722	13.4	1722	5.7						
		Y+ A2 / 7	0.44	0.44	1722	13.0	1722	5.6						
		Y- A2 / 8	0.44	0.44	1722	13.0	1722	5.6						
58	70	A1 / 1	0.45	0.45	1722	31.9	1722	13.6						
		A1 / 2	0.45	0.45	1722	31.9	1722	13.6						
		A2 / 1	0.45	0.45	1722	10.4	1722	5.5						
		A2 / 2	0.45	0.45	1722	10.4	1722	5.5						
		X+ A2 / 4	0.45	0.45	1722	9.6	1722	5.3						
		X- A2 / 6	0.45	0.45	1722	10.0	1722	5.4						
		Y+ A2 / 7	0.45	0.45	1722	9.7	1722	5.4						
		Y- A2 / 8	0.45	0.45	1722	9.7	1722	5.4						
59	71	A1 / 1	0.45	0.45	1722	31.9	1722	13.6						
		A1 / 2	0.45	0.45	1722	31.9	1722	13.6						

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

CARICO LIMITE PIASTRE WINKLER															
IDENTIFICATIVO					DRENATE		NON DRENATE		RISULTATI						
Piastr N.ro	Nodo3d N.ro	Comb N.ro	Bx' m	By' m	Gamef kg/mc	QLimV (t)	Gamef kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica	
		A2 / 1	0.45	0.45	1722	10.4	1722	5.5							
		A2 / 2	0.45	0.45	1722	10.4	1722	5.5							
		X+ A2 / 3	0.45	0.45	1722	9.6	1722	5.3							
		X- A2 / 5	0.45	0.45	1722	10.0	1722	5.4							
		Y+ A2 / 7	0.45	0.45	1722	9.7	1722	5.4							
		Y- A2 / 8	0.45	0.45	1722	9.7	1722	5.4							
60	72	A1 / 1	0.40	0.40	1722	25.8	1722	11.0							
		A1 / 2	0.40	0.40	1722	25.8	1722	11.0							
		A2 / 1	0.40	0.40	1722	8.4	1722	4.5							
		A2 / 2	0.40	0.40	1722	8.4	1722	4.5							
		X+ A2 / 3	0.40	0.40	1722	7.8	1722	4.3							
		X- A2 / 5	0.40	0.40	1722	8.1	1722	4.4							
		Y+ A2 / 9	0.40	0.40	1722	8.0	1722	4.4							
		Y- A2 / 10	0.40	0.40	1722	8.0	1722	4.4							
61	73	A1 / 1	0.45	0.45	1722	31.9	1722	13.6							
		A1 / 2	0.45	0.45	1722	31.9	1722	13.6							
		A2 / 1	0.45	0.45	1722	10.4	1722	5.5							
		A2 / 2	0.45	0.45	1722	10.4	1722	5.5							
		X+ A2 / 4	0.45	0.45	1722	9.6	1722	5.3							
		X- A2 / 6	0.45	0.45	1722	10.0	1722	5.4							
		Y+ A2 / 9	0.45	0.45	1722	9.9	1722	5.4							
		Y- A2 / 10	0.45	0.45	1722	9.9	1722	5.4							
62	74	A1 / 1	0.74	0.74	1722	86.7	1722	36.4							
		A1 / 2	0.74	0.74	1722	86.7	1722	36.4							
		A2 / 1	0.74	0.74	1722	28.2	1722	14.7							
		A2 / 2	0.74	0.74	1722	28.2	1722	14.7							
		X+ A2 / 4	0.74	0.74	1722	26.0	1722	14.3							
		X- A2 / 6	0.74	0.74	1722	27.2	1722	14.6							
		Y+ A2 / 7	0.74	0.74	1722	26.4	1722	14.4							
		Y- A2 / 8	0.74	0.74	1722	26.5	1722	14.4							
63	75	A1 / 1	0.68	0.68	1722	73.2	1722	30.8							
		A1 / 2	0.68	0.68	1722	73.2	1722	30.8							
		A2 / 1	0.68	0.68	1722	23.8	1722	12.5							
		A2 / 2	0.68	0.68	1722	23.8	1722	12.5							
		X+ A2 / 4	0.68	0.68	1722	22.0	1722	12.1							
		X- A2 / 6	0.68	0.68	1722	23.0	1722	12.3							
		Y+ A2 / 7	0.68	0.68	1722	22.3	1722	12.2							
		Y- A2 / 8	0.68	0.68	1722	22.4	1722	12.2							
64	76	A1 / 1	0.65	0.65	1722	66.0	1722	27.8							
		A1 / 2	0.65	0.65	1722	66.0	1722	27.8							
		A2 / 1	0.65	0.65	1722	21.5	1722	11.3							
		A2 / 2	0.65	0.65	1722	21.5	1722	11.3							
		X+ A2 / 3	0.65	0.65	1722	19.8	1722	10.9							
		X- A2 / 5	0.65	0.65	1722	20.7	1722	11.1							
		Y+ A2 / 7	0.65	0.65	1722	20.1	1722	11.0							
		Y- A2 / 8	0.65	0.65	1722	20.1	1722	11.0							
65	77	A1 / 1	0.69	0.69	1722	75.3	1722	31.7							
		A1 / 2	0.69	0.69	1722	75.3	1722	31.7							
		A2 / 1	0.69	0.69	1722	24.5	1722	12.8							
		A2 / 2	0.69	0.69	1722	24.5	1722	12.8							
		X+ A2 / 3	0.69	0.69	1722	22.6	1722	12.5							
		X- A2 / 5	0.69	0.69	1722	23.7	1722	12.7							
		Y+ A2 / 7	0.69	0.69	1722	23.0	1722	12.6							
		Y- A2 / 8	0.69	0.69	1722	23.0	1722	12.6							
66	78	A1 / 1	0.64	0.64	1722	65.1	1722	27.5							
		A1 / 2	0.64	0.64	1722	65.1	1722	27.5							
		A2 / 1	0.64	0.64	1722	21.2	1722	11.1							
		A2 / 2	0.64	0.64	1722	21.2	1722	11.1							
		X+ A2 / 3	0.64	0.64	1722	19.6	1722	10.8							
		X- A2 / 5	0.64	0.64	1722	20.5	1722	11.0							
		Y+ A2 / 9	0.64	0.64	1722	20.2	1722	10.9							
		Y- A2 / 10	0.64	0.64	1722	20.2	1722	10.9							
67	79	A1 / 1	0.67	0.67	1722	71.2	1722	30.0							
		A1 / 2	0.67	0.67	1722	71.2	1722	30.0							
		A2 / 1	0.67	0.67	1722	23.2	1722	12.1							
		A2 / 2	0.67	0.67	1722	23.2	1722	12.1							
		X+ A2 / 4	0.67	0.67	1722	21.4	1722	11.8							
		X- A2 / 6	0.67	0.67	1722	22.4	1722	12.0							
		Y+ A2 / 9	0.67	0.67	1722	22.1	1722	11.9							
		Y- A2 / 10	0.67	0.67	1722	22.1	1722	11.9							
68	80	A1 / 1	0.74	0.74	1722	87.4	1722	36.7							
		A1 / 2	0.74	0.74	1722	87.4	1722	36.7							
		A2 / 1	0.74	0.74	1722	28.4	1722	14.9							
		A2 / 2	0.74	0.74	1722	28.4	1722	14.9							
		X+ A2 / 4	0.74	0.74	1722	26.3	1722	14.5							
		X- A2 / 6	0.74	0.74	1722	27.4	1722	14.7							
		Y+ A2 / 9	0.74	0.74	1722	27.1	1722	14.6							
		Y- A2 / 10	0.74	0.74	1722	27.1	1722	14.6							
69	81	A1 / 1	0.96	0.96	1722	141.9	1722	59.0							
		A1 / 2	0.96	0.96	1722	141.9	1722	59.0							
		A2 / 1	0.96	0.96	1722	46.1	1722	23.9							
		A2 / 2	0.96	0.96	1722	46.1	1722	23.9							
		X+ A2 / 4	0.96	0.96	1722	42.6	1722	23.3							
		X- A2 / 6	0.96	0.96	1722	44.5	1722	23.6							
		Y+ A2 / 7	0.96	0.96	1722	43.3	1722	23.4							

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

CARICO LIMITE PIASTRE WINKLER														
IDENTIFICATIVO					DRENATE		NON DRENATE		RISULTATI					
Piastr N.ro	Nodo3d N.ro	Comb N.ro	Bx' m	By' m	Gamef kg/mc	QLimV (t)	Gamef kg/mc	QLimV (t)	N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
		Y- A2 / 8	0.96	0.96	1722	43.3	1722	23.4						
70	82	A1 / 1	0.80	0.80	1722	101.5	1722	42.5						
		A1 / 2	0.80	0.80	1722	101.5	1722	42.5						
		A2 / 1	0.80	0.80	1722	33.0	1722	17.2						
		A2 / 2	0.80	0.80	1722	33.0	1722	17.2						
		X+ A2 / 3	0.80	0.80	1722	30.5	1722	16.8						
		X- A2 / 5	0.80	0.80	1722	31.9	1722	17.0						
		Y+ A2 / 9	0.80	0.80	1722	31.4	1722	16.9						
		Y- A2 / 10	0.80	0.80	1722	31.4	1722	16.9						
71	83	A1 / 1	0.74	0.74	1722	86.3	1722	36.2						
		A1 / 2	0.74	0.74	1722	86.3	1722	36.2						
		A2 / 1	0.74	0.74	1722	28.1	1722	14.7						
		A2 / 2	0.74	0.74	1722	28.1	1722	14.7						
		X+ A2 / 3	0.74	0.74	1722	25.9	1722	14.3						
		X- A2 / 5	0.74	0.74	1722	27.1	1722	14.5						
		Y+ A2 / 7	0.74	0.74	1722	26.3	1722	14.4						
		Y- A2 / 8	0.74	0.74	1722	26.4	1722	14.4						
72	84	A1 / 1	0.97	0.97	1722	146.8	1722	61.0						
		A1 / 2	0.97	0.97	1722	146.8	1722	61.0						
		A2 / 1	0.97	0.97	1722	47.7	1722	24.7						
		A2 / 2	0.97	0.97	1722	47.7	1722	24.7						
		X+ A2 / 3	0.97	0.97	1722	44.0	1722	24.0						
		X- A2 / 5	0.97	0.97	1722	46.0	1722	24.4						
		Y+ A2 / 7	0.97	0.97	1722	44.7	1722	24.2						
		Y- A2 / 8	0.97	0.97	1722	44.7	1722	24.2						
73	85	A1 / 1	0.85	0.85	1722	112.2	1722	46.9						
		A1 / 2	0.85	0.85	1722	112.2	1722	46.9						
		A2 / 1	0.85	0.85	1722	36.5	1722	19.0						
		A2 / 2	0.85	0.85	1722	36.5	1722	19.0						
		X+ A2 / 3	0.85	0.85	1722	33.7	1722	18.5						
		X- A2 / 5	0.85	0.85	1722	35.2	1722	18.8						
		Y+ A2 / 9	0.85	0.85	1722	34.7	1722	18.7						
		Y- A2 / 10	0.85	0.85	1722	34.7	1722	18.7						
74	86	A1 / 1	0.93	0.93	1722	134.0	1722	55.8						
		A1 / 2	0.93	0.93	1722	134.0	1722	55.8						
		A2 / 1	0.93	0.93	1722	43.6	1722	22.6						
		A2 / 2	0.93	0.93	1722	43.6	1722	22.6						
		X+ A2 / 4	0.93	0.93	1722	40.2	1722	22.0						
		X- A2 / 6	0.93	0.93	1722	42.0	1722	22.3						
		Y+ A2 / 7	0.93	0.93	1722	40.9	1722	22.1						
		Y- A2 / 8	0.93	0.93	1722	40.9	1722	22.1						
75	87	A1 / 1	0.88	0.88	1722	120.5	1722	50.3						
		A1 / 2	0.88	0.88	1722	120.5	1722	50.3						
		A2 / 1	0.88	0.88	1722	39.2	1722	20.4						
		A2 / 2	0.88	0.88	1722	39.2	1722	20.4						
		X+ A2 / 4	0.88	0.88	1722	36.2	1722	19.8						
		X- A2 / 6	0.88	0.88	1722	37.8	1722	20.1						
		Y+ A2 / 9	0.88	0.88	1722	37.3	1722	20.0						
		Y- A2 / 10	0.88	0.88	1722	37.3	1722	20.0						
76	88	A1 / 1	0.37	0.37	1722	22.6	1722	9.6						
		A1 / 2	0.37	0.37	1722	22.6	1722	9.6						
		A2 / 1	0.37	0.37	1722	7.4	1722	3.9						
		A2 / 2	0.37	0.37	1722	7.4	1722	3.9						
		X+ A2 / 3	0.37	0.37	1722	6.8	1722	3.8						
		X- A2 / 5	0.37	0.37	1722	7.1	1722	3.8						
		Y+ A2 / 7	0.37	0.37	1722	6.9	1722	3.8						
		Y- A2 / 8	0.37	0.37	1722	6.9	1722	3.8						
77	89	A1 / 1	0.51	0.51	1722	41.2	1722	17.4						
		A1 / 2	0.51	0.51	1722	41.2	1722	17.4						
		A2 / 1	0.51	0.51	1722	13.4	1722	7.1						
		A2 / 2	0.51	0.51	1722	13.4	1722	7.1						
		X+ A2 / 3	0.51	0.51	1722	12.4	1722	6.9						
		X- A2 / 5	0.51	0.51	1722	12.9	1722	7.0						
		Y+ A2 / 7	0.51	0.51	1722	12.6	1722	6.9						
		Y- A2 / 8	0.51	0.51	1722	12.6	1722	6.9						
78	90	A1 / 1	0.34	0.34	1722	18.9	1722	8.1						
		A1 / 2	0.34	0.34	1722	18.9	1722	8.1						
		A2 / 1	0.34	0.34	1722	6.2	1722	3.3						
		A2 / 2	0.34	0.34	1722	6.2	1722	3.3						
		X+ A2 / 3	0.34	0.34	1722	5.7	1722	3.2						
		X- A2 / 5	0.34	0.34	1722	6.0	1722	3.2						
		Y+ A2 / 7	0.34	0.34	1722	5.8	1722	3.2						
		Y- A2 / 8	0.34	0.34	1722	5.8	1722	3.2						
79	91	A1 / 1	0.46	0.46	1722	33.8	1722	14.4						
		A1 / 2	0.46	0.46	1722	33.8	1722	14.4						
		A2 / 1	0.46	0.46	1722	11.0	1722	5.8						
		A2 / 2	0.46	0.46	1722	11.0	1722	5.8						
		X+ A2 / 3	0.46	0.46	1722	10.2	1722	5.7						
		X- A2 / 5	0.46	0.46	1722	10.6	1722	5.7						
		Y+ A2 / 9	0.46	0.46	1722	10.5	1722	5.7						
		Y- A2 / 10	0.46	0.46	1722	10.5	1722	5.7						
80	92	A1 / 1	0.34	0.34	1722	18.9	1722	8.1						
		A1 / 2	0.34	0.34	1722	18.9	1722	8.1						
		A2 / 1	0.34	0.34	1722	6.2	1722	3.3						

CARICO LIMITE PIASTRE WINKLER														
IDENTIFICATIVO					DRENATE		NON DRENATE		N (t)	Coeff. Sicur.	Minimo CoeSic	N/Ar kg/cmq	QLim/Ar kg/cmq	Status Verifica
Piastr N.ro	Nodo3d N.ro	Comb N.ro	Bx' m	By' m	Gamef kg/mc	QLimV (t)	Gamef kg/mc	QLimV (t)						
		A2 / 2	0.34	0.34	1722	6.2	1722	3.3						
		X+ A2 / 4	0.34	0.34	1722	5.7	1722	3.2						
		X- A2 / 6	0.34	0.34	1722	5.9	1722	3.2						
		Y+ A2 / 7	0.34	0.34	1722	5.8	1722	3.2						
		Y- A2 / 8	0.34	0.34	1722	5.8	1722	3.2						
81	93	A1 / 1	0.37	0.37	1722	22.6	1722	9.6						
		A1 / 2	0.37	0.37	1722	22.6	1722	9.6						
		A2 / 1	0.37	0.37	1722	7.4	1722	3.9						
		A2 / 2	0.37	0.37	1722	7.4	1722	3.9						
		X+ A2 / 4	0.37	0.37	1722	6.8	1722	3.8						
		X- A2 / 6	0.37	0.37	1722	7.1	1722	3.8						
		Y+ A2 / 7	0.37	0.37	1722	6.9	1722	3.8						
		Y- A2 / 8	0.37	0.37	1722	6.9	1722	3.8						
82	94	A1 / 1	0.51	0.51	1722	41.2	1722	17.4						
		A1 / 2	0.51	0.51	1722	41.2	1722	17.4						
		A2 / 1	0.51	0.51	1722	13.4	1722	7.1						
		A2 / 2	0.51	0.51	1722	13.4	1722	7.1						
		X+ A2 / 4	0.51	0.51	1722	12.4	1722	6.9						
		X- A2 / 6	0.51	0.51	1722	12.9	1722	7.0						
		Y+ A2 / 7	0.51	0.51	1722	12.6	1722	6.9						
		Y- A2 / 8	0.51	0.51	1722	12.6	1722	6.9						
83	95	A1 / 1	0.44	0.44	1722	31.3	1722	13.3						
		A1 / 2	0.44	0.44	1722	31.3	1722	13.3						
		A2 / 1	0.44	0.44	1722	10.2	1722	5.4						
		A2 / 2	0.44	0.44	1722	10.2	1722	5.4						
		X+ A2 / 3	0.44	0.44	1722	9.4	1722	5.2						
		X- A2 / 5	0.44	0.44	1722	9.9	1722	5.3						
		Y+ A2 / 9	0.44	0.44	1722	9.7	1722	5.3						
		Y- A2 / 10	0.44	0.44	1722	9.7	1722	5.3						
84	96	A1 / 1	0.48	0.48	1722	37.4	1722	15.9						
		A1 / 2	0.48	0.48	1722	37.4	1722	15.9						
		A2 / 1	0.48	0.48	1722	12.2	1722	6.4						
		A2 / 2	0.48	0.48	1722	12.2	1722	6.4						
		X+ A2 / 3	0.48	0.48	1722	11.3	1722	6.3						
		X- A2 / 5	0.48	0.48	1722	11.8	1722	6.3						
		Y+ A2 / 9	0.48	0.48	1722	11.6	1722	6.3						
		Y- A2 / 10	0.48	0.48	1722	11.6	1722	6.3						
85	97	A1 / 1	0.48	0.48	1722	37.4	1722	15.9						
		A1 / 2	0.48	0.48	1722	37.4	1722	15.9						
		A2 / 1	0.48	0.48	1722	12.2	1722	6.4						
		A2 / 2	0.48	0.48	1722	12.2	1722	6.4						
		X+ A2 / 4	0.48	0.48	1722	11.3	1722	6.3						
		X- A2 / 6	0.48	0.48	1722	11.8	1722	6.3						
		Y+ A2 / 9	0.48	0.48	1722	11.6	1722	6.3						
		Y- A2 / 10	0.48	0.48	1722	11.6	1722	6.3						
86	98	A1 / 1	0.46	0.46	1722	33.8	1722	14.4						
		A1 / 2	0.46	0.46	1722	33.8	1722	14.4						
		A2 / 1	0.46	0.46	1722	11.0	1722	5.8						
		A2 / 2	0.46	0.46	1722	11.0	1722	5.8						
		X+ A2 / 4	0.46	0.46	1722	10.2	1722	5.7						
		X- A2 / 6	0.46	0.46	1722	10.6	1722	5.7						
		Y+ A2 / 9	0.46	0.46	1722	10.5	1722	5.7						
		Y- A2 / 10	0.46	0.46	1722	10.5	1722	5.7						
87	99	A1 / 1	0.48	0.48	1722	37.4	1722	15.9						
		A1 / 2	0.48	0.48	1722	37.4	1722	15.9						
		A2 / 1	0.48	0.48	1722	12.2	1722	6.4						
		A2 / 2	0.48	0.48	1722	12.2	1722	6.4						
		X+ A2 / 4	0.48	0.48	1722	11.3	1722	6.3						
		X- A2 / 6	0.48	0.48	1722	11.8	1722	6.3						
		Y+ A2 / 9	0.48	0.48	1722	11.6	1722	6.3						
		Y- A2 / 10	0.48	0.48	1722	11.6	1722	6.3						

VERIFICA ALLO SCORRIMENTO - CONDIZIONI DRENATE												
IDENTIFICATIVO			RISULTATI									
Combinazione N.ro	Tipo Elem.	Elem N.ro	N (t)	Tg(f)/ Gfi/Gr	C/Gc/Gr t/mq	Area mq	Vres (t)	Fh (t)	Verifica Locale	S(Vres) (t)	S(Fh) (t)	Verifica Globale
A2 / 3	PIASTRA	99	1.44	0.214	0.00	0.233	0.31	0.14	OK	0.31	0.14	OK

VERIFICA ALLO SCORRIMENTO - CONDIZIONI NON DRENATE												
IDENTIFICATIVO			RISULTATI									
Combinazione N.ro	Tipo Elem.	Elem N.ro	N (t)	Tg(f)/ Gfi/Gr	C/Gc/Gr t/mq	Area mq	Vres (t)	Fh (t)	Verifica Locale	S(Vres) (t)	S(Fh) (t)	Verifica Globale
A2 / 3	PIASTRA	99	1.44	0.214	0.00	0.233	0.31	0.14	OK	0.31	0.14	OK

PORTANZA GLOBALE PIASTRE - MOLTIPLICATORI DI COLLASSO											
		DRENATE				NON DRENATE				RISULTATI	
Comb N.ro		Risult (t)	Resist (t)	Moltip. Collasso	%Pl. Moll	Risult (t)	Resist (t)	Moltip. Collasso	%Pl. Moll	Moltip. Minimo	STATUS (m)
A1 / 1		338	338	1.000	0	338	338	1.000	0	1.000	OK
A1 / 2		338	338	1.000	0	338	338	1.000	0		OK
A2 / 1		281	281	1.000	0	281	281	1.000	0		OK
A2 / 2		281	281	1.000	0	281	281	1.000	0		OK
A2 / 3		231	231	1.000	0	231	231	1.000	0		OK
A2 / 4		231	231	1.000	0	231	231	1.000	0		OK
A2 / 5		231	231	1.000	0	231	231	1.000	0		OK

PORTANZA GLOBALE PIASTRE - MOLTIPLICATORI DI COLLASSO										
Comb N.ro	DRENATE				NON DRENATE				RISULTATI	
	Risult (t)	Resist (t)	Moltip. Collasso	%Pl. Moll	Risult (t)	Resist (t)	Moltip. Collasso	%Pl. Moll	Moltip. Minimo	STATUS (m)
A2 / 6	231	231	1.000	0	231	231	1.000	0		OK
A2 / 7	231	231	1.000	0	231	231	1.000	0		OK
A2 / 8	231	231	1.000	0	231	231	1.000	0		OK
A2 / 9	231	231	1.000	0	231	231	1.000	0		OK
A2 / 10	231	231	1.000	0	231	231	1.000	0		OK

PORTANZA GLOBALE PIASTRE - ABBASSAMENTI COMBINAZ.:A1 / 1														
Nodo3d N.ro	DRENATE		NON DRENATE		Nodo3d N.ro	DRENATE		NON DRENATE		Nodo3d N.ro	DRENATE		NON DRENATE	
	SpostZ (cm)	SpostZ/ SpostEl	SpostZ (cm)	SpostZ/ SpostEl		SpostZ (cm)	SpostZ/ SpostEl	SpostZ (cm)	SpostZ/ SpostEl		SpostZ (cm)	SpostZ/ SpostEl	SpostZ (cm)	SpostZ/ SpostEl
1	-0.431	ELAST.	-0.431	ELAST.	2	-0.431	ELAST.	-0.431	ELAST.	5	-0.416	ELAST.	-0.416	ELAST.
7	-0.406	ELAST.	-0.406	ELAST.	8	-0.405	ELAST.	-0.405	ELAST.	9	-0.416	ELAST.	-0.416	ELAST.
11	-0.406	ELAST.	-0.406	ELAST.	12	-0.406	ELAST.	-0.406	ELAST.	13	-0.379	ELAST.	-0.379	ELAST.
18	-0.379	ELAST.	-0.379	ELAST.	23	-0.435	ELAST.	-0.435	ELAST.	24	-0.435	ELAST.	-0.435	ELAST.
25	-0.405	ELAST.	-0.405	ELAST.	26	-0.405	ELAST.	-0.405	ELAST.	27	-0.430	ELAST.	-0.430	ELAST.
28	-0.430	ELAST.	-0.430	ELAST.	29	-0.430	ELAST.	-0.430	ELAST.	30	-0.423	ELAST.	-0.423	ELAST.
31	-0.411	ELAST.	-0.411	ELAST.	32	-0.423	ELAST.	-0.423	ELAST.	33	-0.405	ELAST.	-0.405	ELAST.
34	-0.405	ELAST.	-0.405	ELAST.	35	-0.405	ELAST.	-0.405	ELAST.	36	-0.410	ELAST.	-0.410	ELAST.
37	-0.426	ELAST.	-0.426	ELAST.	38	-0.427	ELAST.	-0.427	ELAST.	39	-0.421	ELAST.	-0.421	ELAST.
40	-0.419	ELAST.	-0.419	ELAST.	41	-0.415	ELAST.	-0.415	ELAST.	42	-0.414	ELAST.	-0.414	ELAST.
43	-0.426	ELAST.	-0.426	ELAST.	44	-0.420	ELAST.	-0.420	ELAST.	45	-0.414	ELAST.	-0.414	ELAST.
46	-0.409	ELAST.	-0.409	ELAST.	47	-0.410	ELAST.	-0.410	ELAST.	48	-0.407	ELAST.	-0.407	ELAST.
49	-0.406	ELAST.	-0.406	ELAST.	50	-0.410	ELAST.	-0.410	ELAST.	51	-0.406	ELAST.	-0.406	ELAST.
52	-0.417	ELAST.	-0.417	ELAST.	53	-0.422	ELAST.	-0.422	ELAST.	54	-0.412	ELAST.	-0.412	ELAST.
55	-0.417	ELAST.	-0.417	ELAST.	56	-0.423	ELAST.	-0.423	ELAST.	57	-0.413	ELAST.	-0.413	ELAST.
58	-0.428	ELAST.	-0.428	ELAST.	59	-0.434	ELAST.	-0.434	ELAST.	60	-0.433	ELAST.	-0.433	ELAST.
61	-0.433	ELAST.	-0.433	ELAST.	62	-0.434	ELAST.	-0.434	ELAST.	63	-0.429	ELAST.	-0.429	ELAST.
64	-0.408	ELAST.	-0.408	ELAST.	65	-0.404	ELAST.	-0.404	ELAST.	66	-0.403	ELAST.	-0.403	ELAST.
67	-0.409	ELAST.	-0.409	ELAST.	68	-0.403	ELAST.	-0.403	ELAST.	69	-0.404	ELAST.	-0.404	ELAST.
70	-0.409	ELAST.	-0.409	ELAST.	71	-0.409	ELAST.	-0.409	ELAST.	72	-0.374	ELAST.	-0.374	ELAST.
73	-0.373	ELAST.	-0.373	ELAST.	74	-0.405	ELAST.	-0.405	ELAST.	75	-0.405	ELAST.	-0.405	ELAST.
76	-0.405	ELAST.	-0.405	ELAST.	77	-0.393	ELAST.	-0.393	ELAST.	78	-0.379	ELAST.	-0.379	ELAST.
79	-0.379	ELAST.	-0.379	ELAST.	80	-0.379	ELAST.	-0.379	ELAST.	81	-0.392	ELAST.	-0.392	ELAST.
82	-0.385	ELAST.	-0.385	ELAST.	83	-0.397	ELAST.	-0.397	ELAST.	84	-0.397	ELAST.	-0.397	ELAST.
85	-0.385	ELAST.	-0.385	ELAST.	86	-0.397	ELAST.	-0.397	ELAST.	87	-0.384	ELAST.	-0.384	ELAST.
88	-0.409	ELAST.	-0.409	ELAST.	89	-0.397	ELAST.	-0.397	ELAST.	90	-0.409	ELAST.	-0.409	ELAST.
91	-0.385	ELAST.	-0.385	ELAST.	92	-0.409	ELAST.	-0.409	ELAST.	93	-0.409	ELAST.	-0.409	ELAST.
94	-0.397	ELAST.	-0.397	ELAST.	95	-0.373	ELAST.	-0.373	ELAST.	96	-0.373	ELAST.	-0.373	ELAST.
97	-0.373	ELAST.	-0.373	ELAST.	98	-0.385	ELAST.	-0.385	ELAST.	99	-0.373	ELAST.	-0.373	ELAST.

CEDIMENTI ELASTICI ED EDOMETRICI															
Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm	Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm
1	Rare 1	0.00	0.00	2	Rare 1	0.00	0.00	3	Rare 1	0.00	0.02	4	Rare 1	0.02	0.09
	Rare 2	0.00	0.00		Rare 2	0.00	0.00		Rare 2	0.00	0.02		Rare 2	0.02	0.09
	Freq 1	0.00	0.00		Freq 1	0.00	0.00		Freq 1	0.00	0.02		Freq 1	0.02	0.08
	Freq 2	0.00	0.00		Freq 2	0.00	0.00		Freq 2	0.00	0.01		Freq 2	0.01	0.07
	Perm 1	0.00	0.00		Perm 1	0.00	0.00		Perm 1	0.00	0.01		Perm 1	0.01	0.07
	MAX.	0.00	0.00		MAX.	0.00	0.00		MAX.	0.00	0.02		MAX.	0.02	0.09
5	Rare 1	0.03	0.16	6	Rare 1	0.03	0.18	7	Rare 1	0.00	0.01	8	Rare 1	0.01	0.04
	Rare 2	0.03	0.16		Rare 2	0.04	0.18		Rare 2	0.00	0.01		Rare 2	0.01	0.04
	Freq 1	0.03	0.15		Freq 1	0.03	0.17		Freq 1	0.00	0.01		Freq 1	0.01	0.03
	Freq 2	0.03	0.14		Freq 2	0.03	0.16		Freq 2	0.00	0.00		Freq 2	0.00	0.02
	Perm 1	0.03	0.14		Perm 1	0.03	0.16		Perm 1	0.00	0.00		Perm 1	0.00	0.02
	MAX.	0.03	0.16		MAX.	0.04	0.18		MAX.	0.00	0.01		MAX.	0.01	0.04
9	Rare 1	0.02	0.13	10	Rare 1	0.03	0.15	11	Rare 1	0.01	0.07	12	Rare 1	0.01	0.07
	Rare 2	0.02	0.13		Rare 2	0.03	0.15		Rare 2	0.01	0.07		Rare 2	0.01	0.07
	Freq 1	0.02	0.12		Freq 1	0.03	0.14		Freq 1	0.01	0.06		Freq 1	0.01	0.06
	Freq 2	0.02	0.11		Freq 2	0.03	0.14		Freq 2	0.01	0.06		Freq 2	0.01	0.06
	Perm 1	0.02	0.11		Perm 1	0.03	0.14		Perm 1	0.01	0.06		Perm 1	0.01	0.06
	MAX.	0.02	0.13		MAX.	0.03	0.15		MAX.	0.01	0.07		MAX.	0.01	0.07
13	Rare 1	0.01	0.05	14	Rare 1	0.01	0.05	15	Rare 1	0.01	0.04	16	Rare 1	0.00	0.02
	Rare 2	0.01	0.05		Rare 2	0.01	0.05		Rare 2	0.01	0.04		Rare 2	0.00	0.02
	Freq 1	0.01	0.05		Freq 1	0.01	0.04		Freq 1	0.01	0.04		Freq 1	0.00	0.01
	Freq 2	0.01	0.04		Freq 2	0.01	0.04		Freq 2	0.01	0.03		Freq 2	0.00	0.01
	Perm 1	0.01	0.04		Perm 1	0.01	0.04		Perm 1	0.01	0.03		Perm 1	0.00	0.01
	MAX.	0.01	0.05		MAX.	0.01	0.05		MAX.	0.01	0.04		MAX.	0.00	0.02
17	Rare 1	0.01	0.07	18	Rare 1	0.02	0.08	19	Rare 1	0.04	0.22	20	Rare 1	0.05	0.28
	Rare 2	0.01	0.07		Rare 2	0.02	0.08		Rare 2	0.04	0.22		Rare 2	0.05	0.28
	Freq 1	0.01	0.05		Freq 1	0.01	0.07		Freq 1	0.04	0.20		Freq 1	0.05	0.26
	Freq 2	0.01	0.05		Freq 2	0.01	0.07		Freq 2	0.04	0.19		Freq 2	0.05	0.25
	Perm 1	0.01	0.04		Perm 1	0.01	0.07		Perm 1	0.04	0.19		Perm 1	0.05	0.25
	MAX.	0.01	0.07		MAX.	0.02	0.08		MAX.	0.04	0.22		MAX.	0.05	0.28
21	Rare 1	0.06	0.30	22	Rare 1	0.02	0.10	23	Rare 1	0.01	0.05	24	Rare 1	0.01	0.03
	Rare 2	0.06	0.31		Rare 2	0.02	0.10		Rare 2	0.01	0.06		Rare 2	0.01	0.03
	Freq 1	0.06	0.29		Freq 1	0.02	0.09		Freq 1	0.01	0.05		Freq 1	0.00	0.02
	Freq 2	0.05	0.27		Freq 2	0.02	0.08		Freq 2	0.01	0.04		Freq 2	0.00	0.02
	Perm 1	0.05	0.27		Perm 1	0.02	0.08		Perm 1	0.01	0.04		Perm 1	0.00	0.02
	MAX.	0.06	0.31		MAX.	0.02	0.10		MAX.	0.01	0.06		MAX.	0.01	0.03
25	Rare 1	0.01	0.07	26	Rare 1	0.01	0.03	27	Rare 1	0.02	0.08	28	Rare 1	0.01	0.04
	Rare 2	0.01	0.07		Rare 2	0.01	0.03		Rare 2	0.02	0.09		Rare 2	0.01	0.04
	Freq 1	0.01	0.06		Freq 1	0.01	0.03		Freq 1	0.01	0.07		Freq 1	0.01	0.04
	Freq 2	0.01	0.05		Freq 2	0.00	0.02		Freq 2	0.01	0.07		Freq 2	0.01	0.03
	Perm 1	0.01	0.05		Perm 1	0.00	0.02		Perm 1	0.01	0.07		Perm 1	0.01	0.03
	MAX.	0.01	0.07		MAX.	0.01	0.03		MAX.	0.02	0.09		MAX.	0.01	0.04
29	Rare 1	0.01	0.05	30	Rare 1	0.01	0.04	31	Rare 1	0.01	0.06	32	Rare 1	0.01	0.07
	Rare 2	0.01	0.05		Rare 2	0.01	0.04		Rare 2	0.01	0.06		Rare 2	0.01	0.07

CEDIMENTI ELASTICI ED EDOMETRICI																		
Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm		Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm		Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm		Filo N.ro	Combinaz N.ro	Ced.El. cm	Ced.Ed. cm
	Freq 1	0.01	0.04			Freq 1	0.01	0.04			Freq 1	0.01	0.05			Freq 1	0.01	0.06
	Freq 2	0.01	0.04			Freq 2	0.01	0.03			Freq 2	0.01	0.04			Freq 2	0.01	0.05
	Perm 1	0.01	0.04			Perm 1	0.01	0.03			Perm 1	0.01	0.04			Perm 1	0.01	0.05
	MAX.	0.01	0.05			MAX.	0.01	0.04			MAX.	0.01	0.06			MAX.	0.01	0.07
33	Rare 1	0.02	0.10		34	Rare 1	0.03	0.17		35	Rare 1	0.05	0.24		36	Rare 1	0.01	0.06
	Rare 2	0.02	0.10			Rare 2	0.03	0.17			Rare 2	0.05	0.24			Rare 2	0.01	0.06
	Freq 1	0.02	0.08			Freq 1	0.03	0.15			Freq 1	0.04	0.22			Freq 1	0.01	0.05
	Freq 2	0.01	0.07			Freq 2	0.03	0.15			Freq 2	0.04	0.21			Freq 2	0.01	0.04
	Perm 1	0.01	0.07			Perm 1	0.03	0.14			Perm 1	0.04	0.21			Perm 1	0.01	0.04
	MAX.	0.02	0.10			MAX.	0.03	0.17			MAX.	0.05	0.24			MAX.	0.01	0.06
37	Rare 1	0.05	0.28		38	Rare 1	0.01	0.03		39	Rare 1	0.00	0.01		40	Rare 1	0.01	0.03
	Rare 2	0.06	0.28			Rare 2	0.01	0.03			Rare 2	0.00	0.01			Rare 2	0.01	0.03
	Freq 1	0.05	0.26			Freq 1	0.00	0.02			Freq 1	0.00	0.01			Freq 1	0.00	0.02
	Freq 2	0.05	0.25			Freq 2	0.00	0.02			Freq 2	0.00	0.00			Freq 2	0.00	0.02
	Perm 1	0.05	0.25			Perm 1	0.00	0.02			Perm 1	0.00	0.00			Perm 1	0.00	0.02
	MAX.	0.06	0.28			MAX.	0.01	0.03			MAX.	0.00	0.01			MAX.	0.01	0.03
41	Rare 1	0.01	0.05		42	Rare 1	0.00	0.02		43	Rare 1	0.01	0.04		44	Rare 1	0.00	0.00
	Rare 2	0.01	0.05			Rare 2	0.00	0.02			Rare 2	0.01	0.05			Rare 2	0.00	0.00
	Freq 1	0.01	0.04			Freq 1	0.00	0.01			Freq 1	0.01	0.04			Freq 1	0.00	0.00
	Freq 2	0.01	0.04			Freq 2	0.00	0.01			Freq 2	0.01	0.03			Freq 2	0.00	0.00
	Perm 1	0.01	0.04			Perm 1	0.00	0.01			Perm 1	0.01	0.03			Perm 1	0.00	0.00
	MAX.	0.01	0.05			MAX.	0.00	0.02			MAX.	0.01	0.05			MAX.	0.00	0.00
45	Rare 1	0.00	0.00		46	Rare 1	0.00	0.00		47	Rare 1	0.00	0.00		48	Rare 1	0.00	0.00
	Rare 2	0.00	0.00			Rare 2	0.00	0.00			Rare 2	0.00	0.00			Rare 2	0.00	0.00
	Freq 1	0.00	0.00			Freq 1	0.00	0.00			Freq 1	0.00	0.00			Freq 1	0.00	0.00
	Freq 2	0.00	0.00			Freq 2	0.00	0.00			Freq 2	0.00	0.00			Freq 2	0.00	0.00
	Perm 1	0.00	0.00			Perm 1	0.00	0.00			Perm 1	0.00	0.00			Perm 1	0.00	0.00
	MAX.	0.00	0.00			MAX.	0.00	0.00			MAX.	0.00	0.00			MAX.	0.00	0.00
49	Rare 1	0.00	0.00		50	Rare 1	0.01	0.04		51	Rare 1	0.03	0.14		52	Rare 1	0.03	0.16
	Rare 2	0.00	0.00			Rare 2	0.01	0.04			Rare 2	0.03	0.14			Rare 2	0.03	0.16
	Freq 1	0.00	0.00			Freq 1	0.01	0.04			Freq 1	0.03	0.13			Freq 1	0.03	0.15
	Freq 2	0.00	0.00			Freq 2	0.01	0.03			Freq 2	0.02	0.12			Freq 2	0.03	0.15
	Perm 1	0.00	0.00			Perm 1	0.01	0.03			Perm 1	0.02	0.12			Perm 1	0.03	0.15
	MAX.	0.00	0.00			MAX.	0.01	0.04			MAX.	0.03	0.14			MAX.	0.03	0.16
53	Rare 1	0.01	0.04		54	Rare 1	0.03	0.17		55	Rare 1	0.03	0.13		56	Rare 1	0.03	0.16
	Rare 2	0.01	0.04			Rare 2	0.03	0.17			Rare 2	0.03	0.13			Rare 2	0.03	0.16
	Freq 1	0.01	0.04			Freq 1	0.03	0.16			Freq 1	0.02	0.13			Freq 1	0.03	0.15
	Freq 2	0.01	0.03			Freq 2	0.03	0.15			Freq 2	0.02	0.12			Freq 2	0.03	0.15
	Perm 1	0.01	0.03			Perm 1	0.03	0.15			Perm 1	0.02	0.12			Perm 1	0.03	0.15
	MAX.	0.01	0.04			MAX.	0.03	0.17			MAX.	0.03	0.13			MAX.	0.03	0.16
57	Rare 1	0.03	0.16		58	Rare 1	0.02	0.08		59	Rare 1	0.02	0.08		60	Rare 1	0.04	0.21
	Rare 2	0.03	0.16			Rare 2	0.02	0.08			Rare 2	0.02	0.08			Rare 2	0.04	0.21
	Freq 1	0.03	0.15			Freq												

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Rare 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
1	0.6	0.61		2	0.3	0.61		3	0.6	0.70		4	0.8	0.84		5	0.8	0.85
	0.7	0.33			0.4	0.61			0.7	0.68			0.9	0.66			0.9	0.66
	0.8	0.27			0.5	0.60			0.8	0.55			1.0	0.59			1.0	0.59
	0.9	0.24			0.6	0.60			0.9	0.47			1.1	0.55			1.1	0.54
	1.0	0.22			0.7	0.35			1.0	0.43			1.2	0.52			1.2	0.50
	1.1	0.21			0.8	0.28			1.1	0.39			1.3	0.50			1.3	0.46
	1.2	0.20			0.9	0.24			1.2	0.37			1.4	0.48			1.4	0.43
	1.3	0.19			1.0	0.22			1.3	0.35			1.5	0.46			1.5	0.40
	1.4	0.19			1.1	0.20			1.4	0.33			1.6	0.44			1.6	0.36
	1.5	0.18			1.2	0.19			1.5	0.32			1.7	0.43			1.7	0.34
	1.6	0.18			1.3	0.18			1.6	0.31			1.8	0.42			1.8	0.32
	1.7	0.17			1.4	0.18			1.7	0.30			1.9	0.41			1.9	0.29
	1.8	0.17			1.5	0.17			1.8	0.29			2.0	0.39			2.0	0.29
	1.9	0.17			1.6	0.17			1.9	0.28			2.1	0.39			2.1	0.27
	2.0	0.16			1.7	0.17			2.0	0.27			2.2	0.35			2.2	0.24
	2.1	0.16			1.8	0.16			2.1	0.26			2.3	0.35			2.3	0.21
	2.2	0.16			1.9	0.16			2.2	0.25			2.4	0.34			2.4	0.20
	2.3	0.15			2.0	0.16			2.3	0.21			2.5	0.31			2.5	0.20
	2.4	0.15			2.1	0.14			2.4	0.20			2.6	0.27			2.6	0.19
	2.5	0.14			2.2	0.14			2.5	0.18			2.7	0.24			2.7	0.16
	2.6	0.13			2.3	0.13			2.6	0.18			2.8	0.19			2.8	0.16
	2.7	0.12			2.4	0.13			2.7	0.17			2.9	0.17			2.9	0.15
	2.8	0.11			2.5	0.13			2.8	0.16			3.0	0.17			3.0	0.13
	2.9	0.11			2.6	0.12			2.9	0.16			3.1	0.16			3.1	0.13
	3.0	0.10			2.7	0.11			3.0	0.14			3.2	0.16			3.2	0.11
	3.1	0.10			2.8	0.11			3.1	0.13			3.3	0.12			3.3	0.08
	3.2	0.07			2.9	0.11			3.2	0.10			3.4	0.11			3.4	0.06
	3.3	0.07			3.0	0.10			3.3	0.09			3.5	0.08			3.5	0.06
	3.4	0.07			3.1	0.08			3.4	0.08			3.6	0.08			3.6	0.06
	3.5	0.07			3.2	0.07			3.5	0.06			3.7	0.06			3.7	0.06
7	0.8	0.66		8	1.0	0.70		9	0.3	0.79		10	-0.7	0.58		11	0.3	0.77
	0.9	0.66			1.1	0.55			0.4	0.79			-0.6	0.41			0.4	0.76
	1.0	0.49			1.2	0.51			0.5	0.79			-0.5	0.36			0.5	0.75
	1.1	0.44			1.3	0.48			0.6	0.77			-0.4	0.33			0.6	0.75
	1.2	0.40			1.4	0.46			0.7	0.78			-0.3	0.31			0.7	0.45
	1.3	0.37			1.5	0.44			0.8	0.78			-0.2	0.29			0.8	0.38
	1.4	0.34			1.6	0.42			0.9	0.62			-0.1	0.28			0.9	0.35
	1.5	0.33			1.7	0.41			1.0	0.56			0.0	0.26			1.0	0.31
	1.6	0.31			1.8	0.40			1.1	0.51			0.1	0.25			1.1	0.30
	1.7	0.30			1.9	0.39			1.2	0.48			0.2	0.24			1.2	0.29
	1.8	0.29			2.0	0.38			1.3	0.43			0.3	0.23			1.3	0.28
	1.9	0.28			2.1	0.37			1.4	0.40			0.4	0.23			1.4	0.24
	2.0	0.27			2.2	0.3												

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Rare 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	1.1	0.60			1.0	0.72			1.1	0.68			1.2	0.52			1.3	0.52
	1.2	0.57			1.1	0.67			1.2	0.62			1.3	0.48			1.4	0.51
	1.3	0.55			1.2	0.63			1.3	0.59			1.4	0.46			1.5	0.49
	1.4	0.53			1.3	0.61			1.4	0.55			1.5	0.44			1.6	0.48
	1.5	0.48			1.4													

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Rare 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	1.7	0.47			1.6	0.32			1.5	0.30			1.6	0.31			1.6	0.33
	1.8	0.45			1.7	0.32			1.6	0.30			1.7	0.31			1.7	0.32
	1.9	0.42			1.8	0.31			1.7	0.30			1.8	0.30			1.8	0.31
	2.0	0.40			1.9	0.31			1.8	0.29			1.9	0.30			1.9	0.31
	2.1	0.36			2.0	0.29			1.9	0.29			2.0	0.27			2.0	0.27
	2.2	0.32			2.1	0.26			2.0	0.29			2.1	0.27			2.1	0.27
	2.3	0.31			2.2	0.24			2.1	0.27			2.2	0.25			2.2	0.27
	2.4	0.29			2.3	0.24			2.2	0.24			2.3	0.24			2.3	0.26
	2.5	0.26			2.4	0.21			2.3	0.23			2.4	0.23			2.4	0.23
	2.6	0.25			2.5	0.21			2.4	0.23			2.5	0.23			2.5	0.20
	2.7	0.23			2.6	0.21			2.5	0.22			2.6	0.22			2.6	0.20
	2.8	0.23			2.7	0.21			2.6	0.22			2.7	0.22			2.7	0.20
	2.9	0.20			2.8	0.20			2.7	0.20			2.8	0.21			2.8	0.18
	3.0	0.15			2.9	0.16			2.8	0.19			2.9	0.15			2.9	0.16
	3.1	0.12			3.0	0.15			2.9	0.15			3.0	0.13			3.0	0.14
	3.2	0.10			3.1	0.13			3.0	0.14			3.1	0.11			3.1	0.14
	3.3	0.09			3.2	0.11			3.1	0.12			3.2	0.10			3.2	0.14
	3.4	0.06			3.3	0.10			3.2	0.10			3.3	0.09			3.3	0.11
	3.5	0.05			3.4	0.08			3.3	0.08			3.4	0.08			3.4	0.09
	3.6	0.05			3.5	0.08			3.4	0.08			3.5	0.07			3.5	0.09
	3.7	0.05			3.6	0.08			3.5	0.08			3.6	0.07			3.6	0.09
43	0.7	0.75		44	0.6	0.62		45	0.6	0.64		46	0.6	0.65		47	0.6	0.65
	0.8	0.46			0.7	0.35			0.7	0.39			0.7	0.39			0.7	0.39
	0.9	0.43			0.8	0.30			0.8	0.34			0.8	0.35			0.8	0.35
	1.0	0.41			0.9	0.28			0.9	0.31			0.9	0.32			0.9	0.32
	1.1	0.39			1.0	0.27			1.0	0.30			1.0	0.31			1.0	0.31
	1.2	0.37			1.1	0.27			1.1	0.29			1.1	0.31			1.1	0.31
	1.3	0.36			1.2	0.26			1.2	0.28			1.2	0.30			1.2	0.30
	1.4	0.34			1.3	0.26			1.3	0.27			1.3	0.30			1.3	0.30
	1.5	0.33			1.4	0.26			1.4	0.27			1.4	0.30			1.4	0.30
	1.6	0.32			1.5	0.26			1.5	0.26			1.5	0.29			1.5	0.29
	1.7	0.32			1.6	0.25			1.6	0.26			1.6	0.29			1.6	0.29
	1.8	0.31			1.7	0.25			1.7	0.25			1.7	0.28			1.7	0.28
	1.9	0.31			1.8	0.25			1.8	0.25			1.8	0.28			1.8	0.28
	2.0	0.30			1.9	0.24			1.9	0.24			1.9	0.28			1.9	0.27
	2.1	0.29			2.0	0.24			2.0	0.24			2.0	0.25			2.0	0.27
	2.2	0.29			2.1	0.23			2.1	0.23			2.1	0.25			2.1	0.27
	2.3	0.26			2.2	0.20			2.2	0.19			2.2	0.20			2.2	0.23
	2.4	0.26			2.3	0.19			2.3	0.19			2.3	0.20			2.3	0.21
	2.5	0.24			2.4	0.19			2.4	0.19			2.4	0.20			2.4	0.20
	2.6	0.23			2.5	0.19			2.5	0.18			2.5	0.19	</			

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Rare 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	1.9	0.25			0.5	0.50			0.5	0.50			0.2	0.14			0.2	0.13
	2.0	0.24			0.6	0.45			0.6	0.44			0.3	0.13			0.3	0.13
	2.1	0.23			0.7	0.39			0.7	0.39			0.4	0.13			0.4	0.13
	2.2	0.22			0.8	0.37			0.8	0.37			0.5	0.13			0.5	0.13
	2.3	0.21			0.9	0.36			0.9	0.36			0.6	0.11			0.6	0.13
	2.4	0.21			1.0	0.35			1.0	0.35			0.7	0.11			0.7	0.12
	2.5	0.18			1.1	0.34			1.1	0.34			0.8	0.10			0.8	0.11
	2.6	0.18			1.2	0.33			1.2	0.33			0.9	0.09			0.9	0.09
	2.7	0.16			1.3	0.31			1.3	0.33			1.0	0.09			1.0	0.09
	2.8	0.14			1.4	0.31			1.4	0.32			1.1	0.09			1.1	0.09
	2.9	0.13			1.5	0.29			1.5	0.30			1.2	0.09			1.2	0.09
	3.0	0.11			1.6	0.29			1.6	0.28			1.3	0.09			1.3	0.08
	3.1	0.11			1.7	0.28			1.7	0.28			1.4	0.09			1.4	0.08
	3.2	0.07			1.8	0.26			1.8	0.26			1.5	0.08			1.5	0.07
	3.3	0.07			1.9	0.25			1.9	0.25			1.6	0.06			1.6	0.07
	3.4	0.06			2.0	0.24			2.0	0.24			1.7	0.05			1.7	0.06
61	-0.8	0.66		62	-0.7	0.71		63	-0.7	0.70		64	-0.6	0.60		65	-0.6	0.69
	-0.7	0.51			-0.6	0.51			-0.6	0.54			-0.5	0.60			-0.5	0.51
	-0.6	0.47			-0.5	0.47			-0.5	0.49			-0.4	0.45			-0.4	0.47
	-0.5	0.44			-0.4	0.45			-0.4	0.45			-0.3	0.40			-0.3	0.44
	-0.4	0.42			-0.3	0.43			-0.3	0.42			-0.2	0.37			-0.2	0.42
	-0.3	0.40			-0.2	0.41			-0.2	0.39			-0.1	0.35			-0.1	0.40
	-0.2	0.38			-0.1	0.39			-0.1	0.37			0.0	0.33			0.0	0.38
	-0.1	0.37			0.0	0.37			0.0	0.35			0.1	0.31			0.1	0.36
	0.0	0.35			0.1	0.36			0.1	0.34			0.2	0.30			0.2	0.35
	0.1	0.34			0.2	0.34			0.2	0.32			0.3	0.28			0.3	0.33
	0.2	0.32			0.3	0.33			0.3	0.31			0.4	0.28			0.4	0.32
	0.3	0.31			0.4	0.32			0.4	0.30			0.5	0.27			0.5	0.31
	0.4	0.30			0.5	0.31			0.5	0.29			0.6	0.23			0.6	0.25
	0.5	0.29			0.6	0.28			0.6	0.24			0.7	0.23			0.7	0.24
	0.6	0.27			0.7	0.24			0.7	0.20			0.8	0.23			0.8	0.23
	0.7	0.25			0.8	0.22			0.8	0.19			0.9	0.23			0.9	0.23
	0.8	0.21			0.9	0.21			0.9	0.18			1.0	0.21			1.0	0.22
	0.9	0.19			1.0	0.21			1.0	0.18			1.1	0.21			1.1	0.21
	1.0	0.18			1.1	0.20			1.1	0.18			1.2	0.22			1.2	0.21
	1.1	0.18			1.2	0.19			1.2	0.17			1.3	0.19			1.3	0.20
	1.2	0.17			1.3	0.18			1.3	0.15			1.4	0.19			1.4	0.19
	1.3	0.17			1.4	0.17			1.4	0.15			1.5	0.18			1.5	0.15
	1.4	0.16			1.5	0.13			1.5	0.12			1.6	0.18			1.6	0.13
	1.5	0.12			1.6	0.13			1.6	0.12			1.7	0.16			1.7	0.10
	1.6	0.12			1.7	0.10			1.7	0.10			1.8	0.16				

STATO TENSIONALE NEL TERRENO - COMBINAZIONE: Rare 1

Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq
	2.6	0.23		1.0	0.15		2.5	0.26		0.9	0.51		1.0	0.26		1.0	0.14
	2.7	0.22		1.1	0.15		2.6	0.24		1.0	0.50		1.1	0.25		1.1	0.14
	2.8	0.20		1.2	0.15		2.7	0.23		1.1	0.50		1.2	0.25		1.2	0.13
	2.9	0.16		1.3	0.15		2.8	0.22		1.2	0.50		1.3	0.23		1.3	0.12
	3.0	0.15		1.4	0.14		2.9	0.17		1.3	0.49		1.4	0.22		1.4	0.12
	3.1	0.12		1.5	0.11		3.0	0.16		1.4	0.47		1.5	0.21		1.5	0.10
	3.2	0.11		1.6	0.10		3.1	0.12		1.5	0.44		1.6	0.19		1.6	0.09
	3.3	0.08		1.7	0.07		3.2	0.11		1.6	0.43		1.7	0.19		1.7	0.06
	3.4	0.04		1.8	0.07		3.3	0.07		1.7	0.42		1.8	0.16		1.8	0.05
	3.5	0.05		1.9	0.07		3.4	0.05		1.8	0.38		1.9	0.15		1.9	0.05
	3.6	0.05		2.0	0.07		3.5	0.05		1.9	0.36		2.0	0.15		2.0	0.05
79	-0.9	0.55	80	-0.9	0.56	81	-0.9	0.57	82	-0.9	0.56						
	-0.8	0.34		-0.8	0.35		-0.8	0.32		-0.8	0.34						
	-0.7	0.30		-0.7	0.31		-0.7	0.28		-0.7	0.30						
	-0.6	0.28		-0.6	0.29		-0.6	0.26		-0.6	0.27						
	-0.5	0.27		-0.5	0.28		-0.5	0.25		-0.5	0.26						
	-0.4	0.27		-0.4	0.28		-0.4	0.24		-0.4	0.25						
	-0.3	0.26		-0.3	0.27		-0.3	0.24		-0.3	0.24						
	-0.2	0.26		-0.2	0.27		-0.2	0.23		-0.2	0.24						
	-0.1	0.26		-0.1	0.26		-0.1	0.23		-0.1	0.23						
	0.0	0.25		0.0	0.26		0.0	0.22		0.0	0.22						
	0.1	0.25		0.1	0.25		0.1	0.21		0.1	0.22						
	0.2	0.24		0.2	0.25		0.2	0.21		0.2	0.21						
	0.3	0.24		0.3	0.24		0.3	0.20		0.3	0.21						
	0.4	0.23		0.4	0.24		0.4	0.19		0.4	0.20						
	0.5	0.23		0.5	0.23		0.5	0.19		0.5	0.20						
	0.6	0.22		0.6	0.23		0.6	0.18		0.6	0.19						
	0.7	0.18		0.7	0.20		0.7	0.17		0.7	0.17						
	0.8	0.16		0.8	0.19		0.8	0.16		0.8	0.17						
	0.9	0.15		0.9	0.19		0.9	0.16		0.9	0.15						
	1.0	0.15		1.0	0.17		1.0	0.14		1.0	0.15						
	1.1	0.15		1.1	0.17		1.1	0.14		1.1	0.12						
	1.2	0.14		1.2	0.16		1.2	0.14		1.2	0.12						
	1.3	0.13		1.3	0.15		1.3	0.13		1.3	0.12						
	1.4	0.13		1.4	0.14		1.4	0.13		1.4	0.11						
	1.5	0.09		1.5	0.08		1.5	0.12		1.5	0.09						
	1.6	0.09		1.6	0.08		1.6	0.11		1.6	0.09						
	1.7	0.06		1.7	0.06		1.7	0.08		1.7	0.06						
	1.8	0.06		1.8	0.06		1.8	0.08		1.8	0.06						
	1.9	0.05		1.9	0.05		1.9	0.07		1.9	0.06						
	2.0	0.06		2.0	0.06		2.0	0.08		2.0	0.06						

STATO TENSIONALE NEL TERRENO - COMBINAZIONE: Rare 2

Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq
1	0.6	0.61	2	0.3	0.61	3	0.6	0.70	4	0.8	0.84	5	0.8	0.86	6	-0.7	0.62
	0.7	0.33		0.4	0.61		0.7	0.68		0.9	0.66		0.9	0.66		-0.6	0.46
	0.8	0.27		0.5	0.60		0.8	0.55		1.0	0.60		1.0	0.59		-0.5	0.41
	0.9	0.24		0.6	0.60		0.9	0.47		1.1	0.55		1.1	0.54		-0.4	0.37
	1.0	0.22		0.7	0.35		1.0	0.43		1.2	0.52		1.2	0.50		-0.3	0.34
	1.1	0.21		0.8	0.28		1.1	0.40		1.3	0.50		1.3	0.46		-0.2	0.32
	1.2	0.20		0.9	0.24		1.2	0.37		1.4	0.48		1.4	0.43		-0.1	0.30
	1.3	0.19		1.0	0.22		1.3	0.35		1.5	0.46		1.5	0.40		0.0	0.29
	1.4	0.19		1.1	0.20		1.4	0.34		1.6	0.45		1.6	0.36		0.1	0.27
	1.5	0.18		1.2	0.19		1.5	0.32		1.7	0.43		1.7	0.34		0.2	0.26
	1.6	0.18		1.3	0.18		1.6	0.31		1.8	0.42		1.8	0.32		0.3	0.25
	1.7	0.17		1.4	0.18		1.7	0.30		1.9	0.41		1.9	0.29		0.4	0.24
	1.8	0.17		1.5	0.17		1.8	0.29		2.0	0.39		2.0	0.29		0.5	0.23
	1.9	0.17		1.6	0.17		1.9	0.28		2.1	0.39		2.1	0.27		0.6	0.22
	2.0	0.16		1.7	0.17		2.0	0.27		2.2	0.36		2.2	0.24		0.7	0.21
	2.1	0.16		1.8	0.16		2.1	0.27		2.3	0.35		2.3	0.21		0.8	0.17
	2.2	0.16		1.9	0.16		2.2	0.25		2.4	0.34		2.4	0.20		0.9	0.17
	2.3	0.15		2.0	0.16		2.3	0.21		2.5	0.32		2.5	0.20		1.0	0.16
	2.4	0.15		2.1	0.14		2.4	0.20		2.6	0.28		2.6	0.19		1.1	0.16
	2.5	0.15		2.2	0.14		2.5	0.18		2.7	0.24		2.7	0.16		1.2	0.15
	2.6	0.13		2.3	0.13		2.6	0.18		2.8	0.19		2.8	0.16		1.3	0.14
	2.7	0.12		2.4	0.13		2.7	0.17		2.9	0.17		2.9	0.15		1.4	0.14
	2.8	0.11		2.5	0.13		2.8	0.16		3.0	0.17		3.0	0.13		1.5	0.11
	2.9	0.11		2.6	0.12		2.9	0.16		3.1	0.16		3.1	0.13		1.6	0.11
	3.0	0.10		2.7	0.12		3.0	0.14		3.2	0.16		3.2	0.11		1.7	0.08
	3.1	0.10		2.8	0.11		3.1	0.13		3.3	0.12		3.3	0.08		1.8	0.08
	3.2	0.07		2.9	0.11		3.2	0.10		3.4	0.11		3.4	0.06		1.9	0.06
	3.3	0.07		3.0	0.10		3.3	0.09		3.5	0.08		3.5	0.06		2.0	0.06
	3.4	0.07		3.1	0.08		3.4	0.08		3.6	0.08		3.6	0.06		2.1	0.06
	3.5	0.07		3.2	0.07		3.5	0.06		3.7	0.06		3.7	0.06		2.2	0.07
7	0.8	0.66	8	1.0	0.70	9	0.3	0.80	10	-0.7	0.58	11	0.3	0.77	12	0.3	0.77
	0.9	0.66		1.1	0.55		0.4	0.79		-0.6	0.41		0.4	0.76		0.4	0.76
	1.0	0.49		1.2	0.51		0.5	0.79		-0.5	0.36		0.5	0.76		0.5	0.75
	1.1	0.44		1.3	0.48		0.6	0.78		-0.4	0.33		0.6	0.75		0.6	0.75
	1.2	0.40		1.4	0.46		0.7	0.78		-0.3	0.31		0.7	0.45		0.7	0.41
	1.3	0.37		1.5	0.44		0.8	0.78		-0.2	0.29		0.8	0.38		0.8	0.36
	1.4	0.34		1.6	0.43		0.9	0.63		-0.1	0.28		0.9	0.35		0.9	0.33
	1.5	0.33		1.7	0.41		1.0	0.56		0.0	0.26		1.0	0.31		1.0	0.29
	1.6	0.31		1.8	0.40		1.1	0.52		0.1	0.25		1.1	0.30		1.1	0.28
	1.7	0.30		1.9	0.39		1.2	0.48		0.2	0.24		1.2	0.29		1.2	0.27
	1.8	0.29		2.0	0.38		1.3	0.43		0.3	0.23		1.3	0.28		1.3	0.26
	1.9	0.28		2.1	0.37		1.4	0.40		0.4	0.23		1.4	0.24		1.4	0.25
	2.0	0.27		2.2	0.37		1.5	0.37		0.5	0.22		1.5	0.24		1.5	0.24
	2.1	0.26		2.3	0.31		1.6	0.35		0.6	0.21		1.6	0.23		1.6	0.23
	2.2	0.25		2.4	0.31		1.7	0.33		0.7	0.20		1.7	0.20		1.7	0.19
	2.3	0.22		2.5	0.27		1.8	0.30		0.8	0.19		1.8	0.18		1.8	0.18
	2.4	0.21		2.6	0.23		1.9	0.28		0.9	0.17		1.9	0.17		1.9	0.17
	2.5	0.18		2.7	0.19		2.0	0.28		1.0	0.16		2.0	0.17		2.0	0.17
	2.6	0.18		2.8	0.19		2.1	0.27		1.1	0.16		2.1	0.17		2.1	0.17

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Rare 2																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	2.7	0.16			2.9	0.18			2.2	0.26			1.2	0.14			2.2	0.16
	2.8	0.15			3.0	0.17			2.3	0.24			1.3	0.12			2.3	0.15
	2.9	0.14			3.1	0.16			2.4	0.23			1.4	0.12			2.4	0.14
	3.0	0.13			3.2	0.16			2.5	0.21			1.5	0.10			2.5	0.12
	3.1	0.13			3.3	0.13			2.6	0.19			1.6	0.10			2.6	0.12
	3.2	0.10			3.4	0.08			2.7	0.15			1.7	0.08			2.7	0.11
	3.3	0.10			3.5	0.07			2.8	0.15			1.8	0.07			2.8	0.10
	3.4	0.08			3.6	0.07			2.9	0.15			1.9	0.06			2.9	0.10
	3.5	0.07			3.7	0.07			3.0	0.12			2.0	0.06			3.0	0.09
	3.6	0.07			3.8	0.07			3.1	0.12			2.1	0.06			3.1	0.09
	3.7	0.07			3.9	0.07			3.2	0.10			2.2	0.06			3.2	0.08
13	0.8	0.78		14	0.8	0.79		15	0.8	0.77		16	0.9	0.67		17	1.0	0.72
	0.9	0.53			0.9	0.57			0.9	0.52			1.0	0.67			1.1	0.58
	1.0	0.49			1.0	0.53			1.0	0.49			1.1	0.55			1.2	0.53
	1.1	0.47			1.1	0.50			1.1	0.47			1.2	0.50			1.3	0.49
	1.2	0.44			1.2	0.48			1.2	0.45			1.3	0.46			1.4	0.46
	1.3	0.43			1.3	0.46			1.3	0.43			1.4	0.43			1.5	0.44
	1.4	0.41			1.4	0.44			1.4	0.42			1.5	0.41			1.6	0.41
	1.5	0.39			1.5	0.43			1.5	0.40			1.6	0.40			1.7	0.39
	1.6	0.38			1.6	0.41			1.6	0.39			1.7	0.39			1.8	0.38
	1.7	0.37			1.7	0.40			1.7	0.38			1.8	0.37			1.9	0.37
	1.8	0.36			1.8	0.39			1.8	0.37			1.9	0.36			2.0	0.35
	1.9	0.35			1.9	0.38			1.9	0.36			2.0	0.36			2.1	0.35
	2.0	0.34			2.0	0.37			2.0	0.35			2.1	0.33			2.2	0.31
	2.1	0.31			2.1	0.36			2.1	0.34			2.2	0.32			2.3	0.30
	2.2	0.29			2.2	0.32			2.2	0.32			2.3	0.30			2.4	0.29
	2.3	0.23			2.3	0.29			2.3	0.27			2.4	0.29			2.5	0.26
	2.4	0.22			2.4	0.26			2.4	0.23			2.5	0.22			2.6	0.22
	2.5	0.22			2.5	0.25			2.5	0.22			2.6	0.17			2.7	0.17
	2.6	0.21			2.6	0.25			2.6	0.22			2.7	0.17			2.8	0.17
	2.7	0.20			2.7	0.22			2.7	0.20			2.8	0.17			2.9	0.17
	2.8	0.18			2.8	0.22			2.8	0.20			2.9	0.17			3.0	0.16
	2.9	0.18			2.9	0.20			2.9	0.19			3.0	0.16			3.1	0.14
	3.0	0.14			3.0	0.17			3.0	0.16			3.1	0.14			3.2	0.13
	3.1	0.14			3.1	0.13			3.1	0.15			3.2	0.13			3.3	0.12
	3.2	0.12			3.2	0.11			3.2	0.11			3.3	0.12			3.4	0.07
	3.3	0.09			3.3	0.09			3.3	0.09			3.4	0.08			3.5	0.06
	3.4	0.08			3.4	0.07			3.4	0.08			3.5	0.06			3.6	0.06
	3.5	0.07			3.5	0.07			3.5	0.07			3.6	0.07			3.7	0.06
	3.6	0.07			3.6	0.06			3.6	0.07			3.7	0.07			3.8	0.06
	3.7	0.06			3.7	0.06			3.7	0.07			3.8	0.07	</			

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Rare 2																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	3.3	0.09			3.4	0.07			3.3	0.10			3.4	0.09			3.3	0.10
	3.4	0.07			3.5	0.07			3.4	0.08			3.5	0.06			3.4	0.07
	3.5	0.07			3.6	0.07			3.5	0.07			3.6	0.06			3.5	0.07
	3.6	0.07			3.7	0.06			3.6	0.07			3.7	0.05			3.6	0.07
	3.7	0.07			3.8	0.06			3.7	0.07			3.8	0.05			3.7	0.07
	3.8	0.07			3.9	0.05			3.8	0.07			3.9	0.04			3.8	0.07
31	1.1	0.76		32	1.0	0.77		33	0.9	0.80		34	0.8	0.88		35	0.6	0.90
	1.2	0.64			1.1	0.66			1.0	0.66			0.9	0.66			0.7	0.88
	1.3	0.61			1.2	0.62			1.1	0.62			1.0	0.62			0.8	0.89
	1.4	0.59			1.3	0.60			1.2	0.58			1.1	0.59			0.9	0.89
	1.5	0.57			1.4	0.56			1.3	0.56			1.2	0.57			1.0	0.73
	1.6	0.55			1.5	0.55			1.4	0.53			1.3	0.55			1.1	0.68
	1.7	0.54			1.6	0.54			1.5	0.51			1.4	0.50			1.2	0.65
	1.8	0.53			1.7	0.52			1.6	0.50			1.5	0.48			1.3	0.62
	1.9	0.51			1.8	0.51			1.7	0.47			1.6	0.47			1.4	0.55
	2.0	0.50			1.9	0.50			1.8	0.46			1.7	0.43			1.5	0.53
	2.1	0.44			2.0	0.49			1.9	0.45			1.8	0.39			1.6	0.51
	2.2	0.43			2.1	0.39			2.0	0.44			1.9	0.38			1.7	0.47
	2.3	0.42			2.2	0.37			2.1	0.36			2.0	0.36			1.8	0.44
	2.4	0.41			2.3	0.35			2.2	0.34			2.1	0.32			1.9	0.43
	2.5	0.36			2.4	0.34			2.3	0.33			2.2	0.30			2.0	0.41
	2.6	0.32			2.5	0.33			2.4	0.31			2.3	0.29			2.1	0.34
	2.7	0.31			2.6	0.31			2.5	0.31			2.4	0.27			2.2	0.31
	2.8	0.29			2.7	0.29			2.6	0.30			2.5	0.27			2.3	0.29
	2.9	0.26			2.8	0.28			2.7									

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

STATO TENSIONALE NEL TERRENO - COMBINAZIONE: Rare 2																	
Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq
	3.6	0.08		3.5	0.07		3.5	0.06		3.5	0.06		3.5	0.07		3.5	0.07
49	0.6	0.64	50	0.6	0.72	51	0.3	0.89	52	0.3	0.94	53	0.6	0.72	54	0.6	0.94
	0.7	0.37		0.7	0.44		0.4	0.88		0.4	0.93		0.7	0.44		0.7	0.64
	0.8	0.32		0.8	0.38		0.5	0.88		0.5	0.93		0.8	0.40		0.8	0.59
	0.9	0.30		0.9	0.35		0.6	0.89		0.6	0.93		0.9	0.36		0.9	0.56
	1.0	0.29		1.0	0.34		0.7	0.62		0.7	0.63		1.0	0.35		1.0	0.52
	1.1	0.29		1.1	0.34		0.8	0.57		0.8	0.58		1.1	0.34		1.1	0.48
	1.2	0.28		1.2	0.33		0.9	0.52		0.9	0.53		1.2	0.33		1.2	0.46
	1.3	0.28		1.3	0.32		1.0	0.48		1.0	0.49		1.3	0.33		1.3	0.45
	1.4	0.27		1.4	0.32		1.1	0.44		1.1	0.46		1.4	0.31		1.4	0.43
	1.5	0.27		1.5	0.31		1.2	0.43		1.2	0.43		1.5	0.30		1.5	0.41
	1.6	0.26		1.6	0.30		1.3	0.39		1.3	0.42		1.6	0.29		1.6	0.37
	1.7	0.26		1.7	0.28		1.4	0.37		1.4	0.40		1.7	0.28		1.7	0.33
	1.8	0.25		1.8	0.27		1.5	0.35		1.5	0.38		1.8	0.27		1.8	0.31
	1.9	0.25		1.9	0.26		1.6	0.33		1.6	0.36		1.9	0.26		1.9	0.28
	2.0	0.24		2.0	0.25		1.7	0.29		1.7	0.32		2.0	0.26		2.0	0.27
	2.1	0.23		2.1	0.22		1.8	0.26		1.8	0.30		2.1	0.25		2.1	0.27
	2.2	0.22		2.2	0.21		1.9	0.24		1.9	0.27		2.2	0.22		2.2	0.24
	2.3	0.21		2.3	0.20		2.0	0.24		2.0	0.27		2.3	0.22		2.3	0.23
	2.4	0.21		2.4	0.20		2.1	0.21		2.1	0.25		2.4	0.21		2.4	0.22
	2.5	0.19		2.5	0.19		2.2	0.20		2.2	0.21		2.5	0.19		2.5	0.22
	2.6	0.19		2.6	0.19		2.3	0.19		2.3	0.21		2.6	0.19		2.6	0.21
	2.7	0.19		2.7	0.19		2.4	0.19		2.4	0.20		2.7	0.17		2.7	0.17
	2.8	0.17		2.8	0.17		2.5	0.17		2.5	0.19		2.8	0.15		2.8	0.16
	2.9	0.16		2.9	0.15		2.6	0.17		2.6	0.18		2.9	0.15		2.9	0.14
	3.0	0.11		3.0	0.12		2.7	0.15		2.7	0.15		3.0	0.13		3.0	0.13
	3.1	0.11		3.1	0.09		2.8	0.15		2.8	0.15		3.1	0.10		3.1	0.10
	3.2	0.08		3.2	0.08		2.9	0.15		2.9	0.14		3.2	0.08		3.2	0.07
	3.3	0.08		3.3	0.07		3.0	0.12		3.0	0.11		3.3	0.08		3.3	0.06
	3.4	0.08		3.4	0.07		3.1	0.10		3.1	0.08		3.4	0.08		3.4	0.06
	3.5	0.08		3.5	0.07		3.2	0.07		3.2	0.06		3.5	0.07		3.5	0.06
55	0.5	0.88	56	-0.9	0.58	57	-0.9	0.59	58	-1.2	0.52	59	-1.2	0.52	60	-0.7	0.67
	0.6	0.87		-0.8	0.29		-0.8	0.30		-1.1	0.52		-1.1	0.52		-0.6	0.47
	0.7	0.57		-0.7	0.24		-0.7	0.25		-1.0	0.52		-1.0	0.52		-0.5	0.43
	0.8	0.53		-0.6	0.21		-0.6	0.22		-0.9	0.52		-0.9	0.52		-0.4	0.40
	0.9	0.51		-0.5	0.19		-0.5	0.20		-0.8	0.21		-0.8	0.25		-0.3	0.38
	1.0	0.46		-0.4	0.18		-0.4	0.19		-0.7	0.18		-0.7	0.20		-0.2	0.36
	1.1	0.44		-0.3	0.17		-0.3	0.18		-0.6	0.16		-0.6	0.18		-0.1	0.34
	1.2	0.42		-0.2	0.16		-0.2	0.17		-0.5	0.16		-0.5	0.17		0.0	0.33
	1.3	0.41		-0.1	0.16		-0.1	0.16		-0.4	0.15		-0.4	0.16		0.1	0.32
	1.4	0.40		0.0	0.15		0.0	0.16		-0.3	0.15		-0.3	0.15		0.2	0.30
	1.5	0.37		0.1	0.15		0.1	0.15		-0.2	0.14		-0.2	0.15		0.3	0.29
	1.6	0.35		0.2	0.33		0.2	0.33		-0.1	0.14		-0.1	0.14		0.4	0.28
	1.7	0.27		0.3	0.32		0.3	0.33		0.0	0.14		0.0	0.14		0.5	0.28
	1.8	0.25		0.4	0.52		0.4	0.52		0.1	0.14		0.1	0.14		0.6	0.27
	1.9	0.25		0.5	0.50		0.5	0.50		0.2	0.14		0.2	0.13		0.7	0.26
	2.0	0.24		0.6	0.46		0.6	0.44		0.3	0.13		0.3	0.13		0.8	0.25
	2.1	0.23		0.7	0.39		0.7	0.39		0.4	0.13		0.4	0.13		0.9	0.23
	2.2	0.22		0.8	0.37		0.8	0.37		0.5	0.13		0.5	0.13		1.0	0.24
	2.3	0.21		0.9	0.36		0.9	0.36		0.6	0.11		0.6	0.13		1.1	0.24
	2.4	0.21		1.0	0.35		1.0	0.35		0.7	0.11		0.7	0.12		1.2	0.24
	2.5	0.18		1.1	0.34		1.1	0.34		0.8	0.10		0.8	0.11		1.3	0.21
	2.6	0.18		1.2	0.33		1.2	0.34		0.9	0.09		0.9	0.09		1.4	0.21
	2.7	0.16		1.3	0.31		1.3	0.33		1.0	0.09		1.0	0.09		1.5	0.20
	2.8	0.14		1.4	0.31		1.4	0.32		1.1	0.09		1.1	0.09		1.6	0.20
	2.9	0.13		1.5	0.29		1.5	0.31		1.2	0.09		1.2	0.09		1.7	0.18
	3.0	0.11		1.6	0.29		1.6	0.28		1.3	0.09		1.3	0.08		1.8	0.16
	3.1	0.11		1.7	0.28		1.7	0.28		1.4	0.09		1.4	0.08		1.9	0.15
	3.2	0.07		1.8	0.26		1.8	0.26		1.5	0.08		1.5	0.07		2.0	0.14
	3.3	0.07		1.9	0.25		1.9	0.25		1.6	0.06		1.6	0.07		2.1	0.13
	3.4	0.06		2.0	0.24		2.0	0.24		1.7	0.05		1.7	0.06		2.2	0.12
61	-0.8	0.66	62	-0.7	0.71	63	-0.7	0.70	64	-0.6	0.60	65	-0.6	0.69	66	-0.7	0.67
	-0.7	0.51		-0.6	0.51		-0.6	0.54		-0.5	0.60		-0.5	0.51		-0.6	0.51
	-0.6	0.47		-0.5	0.47		-0.5	0.49		-0.4	0.45		-0.4	0.47		-0.5	0.47
	-0.5	0.44		-0.4	0.45		-0.4	0.45		-0.3	0.40		-0.3	0.44		-0.4	0.44
	-0.4	0.42		-0.3	0.43		-0.3	0.42		-0.2	0.37		-0.2	0.42		-0.3	0.42
	-0.3	0.40		-0.2	0.41		-0.2	0.39		-0.1	0.35		-0.1	0.40		-0.2	0.40
	-0.2	0.38		-0.1	0.39		-0.1	0.37		0.0	0.33		0.0	0.38		-0.1	0.38
	-0.1	0.37		0.0	0.37		0.0	0.35		0.1	0.31		0.1	0.36		0.0	0.37
	0.0	0.35		0.1	0.36		0.1	0.34		0.2	0.30		0.2	0.35		0.1	0.36
	0.1	0.34		0.2	0.35		0.2	0.32		0.3	0.28		0.3	0.33		0.2	0.44
	0.2	0.33		0.3	0.33		0.3	0.31		0.4	0.28		0.4	0.32		0.3	0.43
	0.3	0.31		0.4	0.32		0.4	0.30		0.5	0.27		0.5	0.31		0.4	0.58
	0.4	0.30		0.5	0.31		0.5	0.29		0.6	0.23		0.6	0.25		0.5	0.59
	0.5	0.29		0.6	0.28		0.6	0.24		0.7	0.23		0.7	0.25		0.6	0.52
	0.6	0.27		0.7	0.24		0.7	0.20		0.8	0.23		0.8	0.23		0.7	0.49
	0.7	0.25		0.8	0.22		0.8	0.19		0.9	0.23		0.9	0.23		0.8	0.43
	0.8	0.21		0.9	0.21		0.9	0.18		1.0	0.21		1.0	0.22		0.9	0.42
	0.9	0.19		1.0	0.21		1.0	0.18		1.1	0.21		1.1	0.21		1.0	0.40
	1.0	0.19		1.1	0.20		1.1	0.18		1.2	0.22		1.2	0.21		1.1	0.40
	1.1	0.18		1.2	0.19		1.2	0.17		1.3	0.19		1.3	0.20		1.2	0.39
	1.2	0.17		1.3	0.18		1.3	0.15		1.4	0.19		1.4	0.19		1.3	0.37
	1.3	0.17		1.4	0.17		1.4	0.15		1.5	0.18		1.5	0.15		1.4	0.35
	1.4	0.16		1.5	0.13		1.5	0.12		1.6	0.18		1.6	0.13		1.5	0.29
	1.5	0.12		1.6	0.13		1.6	0.12		1.7	0.16		1.7	0.10		1.6	0.26
	1.6	0.12		1.7	0.10		1.7	0.10		1.8	0.16		1.8	0.10		1.7	0.25
	1.7	0.09		1.8	0.07		1.8	0.08		1.9	0.14		1.9	0.08		1.8	0.23
	1.8	0.07		1.9	0.06		1.9	0.06		2.0	0.14		2.0	0.09		1.9	0.21
	1.9	0.06		2.0	0.06		2.0	0.07		2.1	0.12		2.1	0.09		2.0	0

STATO TENSIONALE NEL TERRENO - COMBINAZIONE: Rare 2																	
Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq
	-0.2	0.47		-0.3	0.48		-0.2	0.45		-0.3	0.48		0.9	0.67		-0.6	0.28
	-0.1	0.45		-0.2	0.45		-0.1	0.43		-0.2	0.45		1.0	0.62		-0.5	0.26
	0.0	0.43		-0.1	0.43		0.0	0.41		-0.1	0.43		1.1	0.59		-0.4	0.25
	0.1	0.41		0.0	0.42		0.1	0.39		0.0	0.41		1.2	0.56		-0.3	0.24
	0.2	0.45		0.1	0.40		0.2	0.41		0.1	0.39		1.3	0.54		-0.2	0.24
	0.3	0.44		0.2	0.39		0.3	0.40		0.2	0.38		1.4	0.50		-0.1	0.23
	0.4	0.56		0.3	0.37		0.4	0.48		0.3	0.36		1.5	0.47		0.0	0.22
	0.5	0.59		0.4	0.36		0.5	0.53		0.4	0.35		1.6	0.46		0.1	0.22
	0.6	0.54		0.5	0.35		0.6	0.51		0.5	0.34		1.7	0.43		0.2	0.35
	0.7	0.49		0.6	0.28		0.7	0.49		0.6	0.28		1.8	0.38		0.3	0.34
	0.8	0.45		0.7	0.28		0.8	0.47		0.7	0.27		1.9	0.37		0.4	0.50
	0.9	0.43		0.8	0.26		0.9	0.47		0.8	0.26		2.0	0.35		0.5	0.48
	1.0	0.42		0.9	0.25		1.0	0.42		0.9	0.24		2.1	0.34		0.6	0.40
	1.1	0.42		1.0	0.23		1.1	0.42		1.0	0.22		2.2	0.30		0.7	0.36
	1.2	0.41		1.1	0.22		1.2	0.41		1.1	0.20		2.3	0.29		0.8	0.31
	1.3	0.39		1.2	0.22		1.3	0.39		1.2	0.20		2.4	0.27		0.9	0.29
	1.4	0.38		1.3	0.22		1.4	0.37		1.3	0.20		2.5	0.25		1.0	0.28
	1.5	0.31		1.4	0.21		1.5	0.31		1.4	0.18		2.6	0.25		1.1	0.27
	1.6	0.28		1.5	0.14		1.6	0.30		1.5	0.14		2.7	0.24		1.2	0.26
	1.7	0.27		1.6	0.14		1.7	0.27		1.6	0.13		2.8	0.23		1.3	0.25
	1.8	0.26		1.7	0.11		1.8	0.27		1.7	0.12		2.9	0.17		1.4	0.23
	1.9	0.24		1.8	0.10		1.9	0.24		1.8	0.11		3.0	0.13		1.5	0.20
	2.0	0.23		1.9	0.09		2.0	0.24		1.9	0.09		3.1	0.13		1.6	0.18
	2.1	0.23		2.0	0.09		2.1	0.21		2.0	0.09		3.2	0.10		1.7	0.18
	2.2	0.18		2.1	0.09		2.2	0.19		2.1	0.09		3.3	0.07		1.8	0.17
	2.3	0.18		2.2	0.09		2.3	0.19		2.2	0.09		3.4	0.05		1.9	0.15
	2.4	0.16		2.3	0.09		2.4	0.18		2.3	0.09		3.5	0.05		2.0	0.15
73	0.7	0.92	74	-0.9	0.56	75	0.6	0.96	76	-1.0	0.62	77	-0.9	0.60	78	-0.9	0.56
	0.8	0.87		-0.8	0.31		0.7	0.89		-0.9	0.37		-0.8	0.40		-0.8	0.30
	0.9	0.78		-0.7	0.27		0.8	0.80		-0.8	0.33		-0.7	0.34		-0.7	0.27
	1.0	0.72		-0.6	0.25		0.9	0.76		-0.7	0.30		-0.6	0.31		-0.6	0.26
	1.1	0.68		-0.5	0.25		1.0	0.72		-0.6	0.29		-0.5	0.29		-0.5	0.25
	1.2	0.64		-0.4	0.24		1.1	0.69		-0.5	0.28		-0.4	0.27		-0.4	0.25
	1.3	0.60		-0.3	0.23		1.2	0.65		-0.4	0.27		-0.3	0.26		-0.3	0.24
	1.4	0.55		-0.2	0.23		1.3	0.62		-0.3	0.26		-0.2	0.25		-0.2	0.24
	1.5	0.52		-0.1	0.23		1.4	0.56		-0.2	0.25		-0.1	0.24		-0.1	0.23
	1.6	0.50		0.0	0.22		1.5	0.52		-0.1	0.24		0.0	0.23		0.0	0.23
	1.7	0.48		0.1	0.21		1.6	0.50		0.0	0.23		0.1	0.22		0.1	0.22
	1.8	0.43		0.2	0.21		1.7	0.49		0.1	0.23		0.2	0.32		0.2	0.22
	1.9	0.42		0.3	0.20		1.8	0.44		0.2	0.23		0.3	0.32		0.3	0.21
	2.0	0.40		0.4	0.20		1.9	0.42		0.3	0.22		0.4	0.44		0.4	0.21
	2.1	0.34		0.5	0.19		2.0	0.38		0.4	0.26		0.5	0.42		0.5	0.20
	2.2	0.32		0.6	0.17		2.1	0.34		0.5	0.33		0.6	0.37		0.6	0.17
	2.3	0.29		0.7	0.16		2.2	0.32		0.6	0.40		0.7	0.34		0.7	0.16
	2.4	0.26		0.8	0.16		2.3	0.31		0.7	0.43		0.8	0.30		0.8	0.16
	2.5	0.24		0.9	0.16		2.4	0.28		0.8	0.48		0.9	0.28		0.9	0.14
	2.6	0.23		1.0	0.15		2.5	0.26		0.9	0.51		1.0	0.26		1.0	0.14
	2.7	0.22		1.1	0.15		2.6	0.24		1.0	0.50		1.1	0.25		1.1	0.14
	2.8	0.20		1.2	0.15		2.7	0.23		1.1	0.50		1.2	0.25		1.2	0.13
	2.9	0.16		1.3	0.15		2.8	0.22		1.2	0.50		1.3	0.23		1.3	0.13
	3.0	0.15		1.4	0.14		2.9	0.17		1.3	0.49		1.4	0.22		1.4	0.12
	3.1	0.12		1.5	0.11		3.0	0.16		1.4	0.47		1.5	0.21		1.5	0.10
	3.2	0.11		1.6	0.10		3.1	0.12		1.5	0.44		1.6	0.19		1.6	0.09
	3.3	0.08		1.7	0.07		3.2	0.11		1.6	0.43		1.7	0.19		1.7	0.06
	3.4	0.04		1.8	0.07		3.3	0.08		1.7	0.42		1.8	0.17		1.8	0.05
	3.5	0.05		1.9	0.07		3.4	0.05		1.8	0.38		1.9	0.15		1.9	0.05
	3.6	0.05		2.0	0.07		3.5	0.05		1.9	0.36		2.0	0.15		2.0	0.05
79	-0.9	0.55	80	-0.9	0.56	81	-0.9	0.57	82	-0.9	0.56						
	-0.8	0.34		-0.8	0.35		-0.8	0.32		-0.8	0.34						
	-0.7	0.30		-0.7	0.31		-0.7	0.28		-0.7	0.30						
	-0.6	0.28		-0.6	0.29		-0.6	0.26		-0.6	0.27						
	-0.5	0.27		-0.5	0.28		-0.5	0.25		-0.5	0.26						
	-0.4	0.27		-0.4	0.28		-0.4	0.25		-0.4	0.25						
	-0.3	0.26		-0.3	0.27		-0.3	0.24		-0.3	0.24						
	-0.2	0.26		-0.2	0.27		-0.2	0.23		-0.2	0.24						
	-0.1	0.26		-0.1	0.27		-0.1	0.23		-0.1	0.23						
	0.0	0.25		0.0	0.26		0.0	0.22		0.0	0.23						
	0.1	0.25		0.1	0.25		0.1	0.21		0.1	0.22						
	0.2	0.24		0.2	0.25		0.2	0.21		0.2	0.21						
	0.3	0.24		0.3	0.24		0.3	0.20		0.3	0.21						
	0.4	0.23		0.4	0.24		0.4	0.20		0.4	0.20						
	0.5	0.23		0.5	0.23		0.5	0.19		0.5	0.20						
	0.6	0.22		0.6	0.23		0.6	0.18		0.6	0.19						
	0.7	0.18		0.7	0.20		0.7	0.17		0.7	0.17						
	0.8	0.16		0.8	0.20		0.8	0.16		0.8	0.17						
	0.9	0.15		0.9	0.19		0.9	0.16		0.9	0.15						
	1.0	0.15		1.0	0.17		1.0	0.14		1.0	0.15						
	1.1	0.15		1.1	0.17		1.1	0.14		1.1	0.12						
	1.2	0.14		1.2	0.16		1.2	0.14		1.2	0.12						
	1.3	0.13		1.3	0.15		1.3	0.13		1.3	0.12						
	1.4	0.13		1.4	0.14		1.4	0.13		1.4	0.11						
	1.5	0.09		1.5	0.08		1.5	0.12		1.5	0.09						
	1.6	0.09		1.6	0.08		1.6	0.11		1.6	0.09						
	1.7	0.06		1.7	0.06		1.7	0.08		1.7	0.06						
	1.8	0.06		1.8	0.06		1.8	0.08		1.8	0.06						
	1.9	0.05		1.9	0.05		1.9	0.07		1.9	0.06						
	2.0	0.06		2.0	0.06		2.0	0.08		2.0	0.06						

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Freq 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
1	0.6	0.60		2	0.3	0.60		3	0.6	0.69		4	0.8	0.82		5	0.8	0.84
	0.7	0.32			0.4	0.60			0.7	0.67			0.9	0.64			0.9	0.65
	0.8	0.27			0.5	0.59			0.8	0.54			1.0	0.59			1.0	0.58
																	-0.5	0.40
																	-0.6	0.46
																	-0.7	0.61

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Freq 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	0.9	0.24			0.6	0.59			0.9	0.47			1.1	0.54			1.1	0.53
	1.0	0.22			0.7	0.35			1.0	0.42			1.2	0.51			1.2	0.49
	1.1	0.20			0.8	0.28			1.1	0.39			1.3	0.49			1.3	0.45
	1.2	0.20			0.9	0.24			1.2	0.36			1.4	0.47			1.4	0.43
	1.3	0.19			1.0	0.21			1.3	0.35			1.5	0.45			1.5	0.39
	1.4	0.18			1.1	0.20			1.4	0.33			1.6	0.44			1.6	0.35
	1.5	0.18			1.2	0.19			1.5	0.32			1.7	0.43			1.7	0.34
	1.6	0.17			1.3	0.18			1.6	0.30			1.8	0.41			1.8	0.31
	1.7	0.17			1.4	0.17			1.7	0.29			1.9	0.40			1.9	0.29
	1.8	0.17			1.5	0.17			1.8	0.28			2.0	0.39			2.0	0.28
	1.9	0.16			1.6	0.17			1.9	0.28			2.1	0.38			2.1	0.27
	2.0	0.16			1.7	0.16			2.0	0.27			2.2	0.35			2.2	0.24
	2.1	0.16			1.8	0.16			2.1	0.26			2.3	0.34			2.3	0.21
	2.2	0.16			1.9	0.16			2.2	0.25			2.4	0.33			2.4	0.20
	2.3	0.15			2.0	0.16			2.3	0.21			2.5	0.31			2.5	0.19
	2.4	0.14			2.1	0.14			2.4	0.20			2.6	0.27			2.6	0.18
	2.5	0.14			2.2	0.14			2.5	0.18			2.7	0.24			2.7	0.16
	2.6	0.13			2.3	0.13			2.6	0.17			2.8	0.19			2.8	0.16
	2.7	0.12			2.4	0.13			2.7	0.16			2.9	0.17			2.9	0.14
	2.8	0.11			2.5	0.13			2.8	0.16			3.0	0.16			3.0	0.13
	2.9	0.11			2.6	0.12			2.9	0.16			3.1	0.16			3.1	0.13
	3.0	0.09			2.7	0.11			3.0	0.13			3.2	0.16			3.2	0.11
	3.1	0.09			2.8	0.11			3.1	0.13			3.3	0.12			3.3	0.08
	3.2	0.07			2.9	0.11			3.2	0.09			3.4	0.10			3.4	0.06
	3.3	0.07			3.0	0.10			3.3	0.09			3.5	0.08				

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

STATO TENSIONALE NEL TERRENO - COMBINAZIONE: Freq 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	1.5	0.47			1.4	0.57			1.5	0.48			1.6	0.42			1.7	0.46
	1.6	0.42			1.5	0.49			1.6	0.46			1.7	0.40			1.8	0.44
	1.7	0.40			1.6	0.46			1.7	0.42			1.8	0.38			1.9	0.43
	1.8	0.37			1.7	0.43			1.8	0.38			1.9	0.37			2.0	0.42
	1.9	0.35			1.8	0.39			1.9	0.36			2.0	0.35			2.1	0.35
	2.0	0.34			1.9	0.37			2.0	0.34			2.1	0.35			2.2	0.33
	2.1	0.31			2.0	0.36			2.1	0.31			2.2	0.33			2.3	0.31
	2.2	0.26			2.1	0.31			2.2	0.24			2.3	0.30			2.4	0.30
	2.3	0.24			2.2	0.26			2.3	0.23			2.4	0.27			2.5	0.28
	2.4	0.22			2.3	0.26			2.4	0.22			2.5	0.24			2.6	0.27
	2.5	0.21			2.4	0.24			2.5	0.21			2.6	0.24			2.7	0.26
	2.6	0.20			2.5	0.23			2.6	0.20			2.7	0.18			2.8	0.26
	2.7	0.19			2.6	0.23			2.7	0.18			2.8	0.18			2.9	0.23
	2.8	0.18			2.7	0.19			2.8	0.17			2.9	0.17			3.0	0.16
	2.9	0.16			2.8	0.19			2.9	0.16			3.0	0.16			3.1	0.13
	3.0	0.13			2.9	0.18			3.0	0.13			3.1	0.13			3.2	0.10
	3.1	0.13			3.0	0.15			3.1	0.13			3.2	0.13			3.3	0.09
	3.2	0.09			3.1	0.13			3.2	0.11			3.3	0.10			3.4	0.07
	3.3	0.07			3.2	0.10			3.3	0.10			3.4	0.08			3.5	0.06
	3.4	0.05			3.3	0.06			3.4	0.06			3.5	0.07			3.6	0.07
	3.5	0.05			3.4	0.05			3.5	0.06			3.6	0.06			3.7	0.06
	3.6	0.05			3.5	0.05			3.6	0.05			3.7	0.06			3.8	0.06
25	0.9	0.77		26	1.0	0.72		27	0.9	0.79		28	1.0	0.74		29	0.9	0.74
	1.0	0.64			1.1	0.62			1.0	0.66			1.1	0.64			1.0	0.61
	1.1	0.59			1.2	0.58			1.1	0.61			1.2	0.61			1.1	

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Freq 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	2.1	0.35			2.0	0.28			1.9	0.28			2.0	0.27			2.0	0.28
	2.2	0.32			2.1	0.26			2.0	0.28			2.1	0.26			2.0	0.28
	2.3	0.31			2.2	0.24			2.1	0.26			2.2	0.25			2.1	0.28
	2.4	0.28			2.3	0.23			2.2	0.24			2.3	0.23			2.2	0.27
	2.5	0.25			2.4	0.21			2.3	0.23			2.4	0.23			2.3	0.25
	2.6	0.24			2.5	0.21			2.4	0.22			2.5	0.22			2.4	0.25
	2.7	0.23			2.6	0.21			2.5	0.22			2.6	0.22			2.5	0.22
	2.8	0.22			2.7	0.21			2.6	0.22			2.7	0.22			2.6	0.22
	2.9	0.19			2.8	0.20			2.7	0.20			2.8	0.21			2.7	0.19
	3.0	0.14			2.9	0.16			2.8	0.19			2.9	0.15			2.8	0.16
	3.1	0.11			3.0	0.14			2.9	0.15			3.0	0.13			2.9	0.15
	3.2	0.10			3.1	0.13			3.0	0.13			3.1	0.11			3.0	0.13
	3.3	0.09			3.2	0.11			3.1	0.12			3.2	0.10			3.1	0.13
	3.4	0.05			3.3	0.10			3.2	0.10			3.3	0.09			3.2	0.12
	3.5	0.05			3.4	0.08			3.3	0.08			3.4	0.07			3.3	0.09
	3.6	0.05			3.5	0.08			3.4	0.08			3.5	0.07			3.4	0.08
	3.7	0.05			3.6	0.08			3.5	0.08			3.6	0.07			3.5	0.09
43	0.7	0.74		44	0.6	0.61		45	0.6	0.63		46	0.6	0.64		47	0.6	0.64
	0.8	0.45			0.7	0.34			0.7	0.38			0.7	0.39			0.7	0.35
	0.9	0.42			0.8	0.30			0.8	0.33			0.8	0.34			0.8	0.32
	1.0	0.40			0.9	0.28			0.9	0.31			0.9	0.32			0.9	0.30
	1.1	0.38			1.0	0.27			1.0	0.29			1.0	0.31			1.0	0.29
	1.2	0.36			1.1	0.26			1.1	0.28			1.1	0.30			1.1	0.28
	1.3	0.35			1.2	0.26			1.2	0.28			1.2	0.30			1.2	0.28
	1.4	0.34			1.3	0.26			1.3	0.27	</							

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Freq 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	2.3	0.21			0.9	0.35			0.9	0.35			0.6	0.11			0.6	0.12
	2.4	0.20			1.0	0.34			1.0	0.34			0.7	0.11			0.7	0.12
	2.5	0.18			1.1	0.33			1.1	0.34			0.8	0.10			0.8	0.11
	2.6	0.17			1.2	0.33			1.2	0.33			0.9	0.09			0.9	0.09
	2.7	0.15			1.3	0.31			1.3	0.32			1.0	0.09			1.0	0.09
	2.8	0.14			1.4	0.30			1.4	0.32			1.1	0.09			1.1	0.09
	2.9	0.12			1.5	0.29			1.5	0.30			1.2	0.09			1.2	0.09
	3.0	0.11			1.6	0.28			1.6	0.28			1.3	0.08			1.3	0.08
	3.1	0.11			1.7	0.28			1.7	0.27			1.4	0.08			1.4	0.08
	3.2	0.07			1.8	0.26			1.8	0.25			1.5	0.07			1.5	0.07
	3.3	0.07			1.9	0.25			1.9	0.24			1.6	0.06			1.6	0.07
	3.4	0.06			2.0	0.24			2.0	0.24			1.7	0.05			1.7	0.06
61	-0.8	0.65		62	-0.7	0.70		63	-0.7	0.69		64	-0.6	0.59		65	-0.6	0.68
	-0.7	0.50			-0.6	0.50			-0.6	0.53			-0.5	0.59			-0.5	0.50
	-0.6	0.46			-0.5	0.47			-0.5	0.48			-0.4	0.44			-0.4	0.46
	-0.5	0.43			-0.4	0.44			-0.4	0.44			-0.3	0.40			-0.3	0.44
	-0.4	0.41			-0.3	0.42			-0.3	0.41			-0.2	0.36			-0.2	0.41
	-0.3	0.39			-0.2	0.40			-0.2	0.39			-0.1	0.34			-0.1	0.39
	-0.2	0.37			-0.1	0.38			-0.1	0.37			0.0	0.32			0.0	0.37
	-0.1	0.36			0.0	0.37			0.0	0.35			0.1	0.30			0.1	0.36
	0.0	0.35			0.1	0.35			0.1	0.33			0.2	0.29			0.2	0.34
	0.1	0.33			0.2	0.34			0.2	0.32			0.3	0.28			0.3	0.33
	0.2	0.32			0.3	0.33			0.3	0.30			0.4	0.27			0.4	0.31
	0.3	0.31			0.4	0.31			0.4	0.29			0.5	0.27			0.5	0.30
	0.4	0.30			0.5	0.30			0.5									

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Freq 1																	
Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq
	3.0	0.15		1.4	0.14		2.9	0.17		1.3	0.48		1.4	0.22		1.4	0.12
	3.1	0.12		1.5	0.11		3.0	0.15		1.4	0.46		1.5	0.20		1.5	0.10
	3.2	0.11		1.6	0.10		3.1	0.12		1.5	0.44		1.6	0.19		1.6	0.08
	3.3	0.08		1.7	0.07		3.2	0.11		1.6	0.42		1.7	0.19		1.7	0.05
	3.4	0.04		1.8	0.07		3.3	0.07		1.7	0.41		1.8	0.16		1.8	0.05
	3.5	0.04		1.9	0.07		3.4	0.05		1.8	0.37		1.9	0.15		1.9	0.05
	3.6	0.05		2.0	0.07		3.5	0.05		1.9	0.36		2.0	0.15		2.0	0.05
79	-0.9	0.54	80	-0.9	0.55	81	-0.9	0.56	82	-0.9	0.55						
	-0.8	0.33		-0.8	0.34		-0.8	0.31		-0.8	0.33						
	-0.7	0.29		-0.7	0.30		-0.7	0.27		-0.7	0.29						
	-0.6	0.27		-0.6	0.29		-0.6	0.26		-0.6	0.27						
	-0.5	0.27		-0.5	0.28		-0.5	0.25		-0.5	0.26						
	-0.4	0.26		-0.4	0.27		-0.4	0.24		-0.4	0.25						
	-0.3	0.26		-0.3	0.27		-0.3	0.23		-0.3	0.24						
	-0.2	0.26		-0.2	0.27		-0.2	0.23		-0.2	0.23						
	-0.1	0.25		-0.1	0.26		-0.1	0.22		-0.1	0.23						
	0.0	0.25		0.0	0.26		0.0	0.22		0.0	0.22						
	0.1	0.24		0.1	0.25		0.1	0.21		0.1	0.22						
	0.2	0.24		0.2	0.24		0.2	0.20		0.2	0.21						
	0.3	0.24		0.3	0.24		0.3	0.20		0.3	0.20						
	0.4	0.23		0.4	0.23		0.4	0.19		0.4	0.20						
	0.5	0.23		0.5	0.23		0.5	0.19		0.5	0.19						
	0.6	0.22		0.6	0.22		0.6	0.18		0.6	0.18						
	0.7	0.18		0.7	0.20		0.7	0.16		0.7	0.17						
	0.8	0.15		0.8	0.19		0.8	0.16		0.8	0.17						
	0.9	0.15		0.9	0.19		0.9	0.16		0.9	0.15						
	1.0	0.15		1.0	0.17		1.0	0.14		1.0	0.14						
	1.1	0.15		1.1	0.16		1.1	0.14		1.1	0.12						
	1.2	0.14		1.2	0.16		1.2	0.14		1.2	0.12						
	1.3	0.13		1.3	0.14		1.3	0.13		1.3	0.12						
	1.4	0.13		1.4	0.13		1.4	0.13		1.4	0.11						
	1.5	0.08		1.5	0.08		1.5	0.12		1.5	0.09						
	1.6	0.09		1.6	0.08		1.6	0.11		1.6	0.09						
	1.7	0.06		1.7	0.06		1.7	0.08		1.7	0.06						
	1.8	0.05		1.8	0.06		1.8	0.07		1.8	0.06						
	1.9	0.05		1.9	0.05		1.9	0.07		1.9	0.06						
	2.0	0.05		2.0	0.06		2.0	0.08		2.0	0.06						

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Freq 2																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
1	0.6	0.59		2	0.3	0.59		3	0.6	0.68		4	0.8	0.81		5	0.8	0.83
	0.7	0.32			0.4	0.59			0.7	0.66			0.9	0.64			0.9	0.64
	0.8	0.26			0.5	0.59			0.8	0.53			1.0	0.58			1.0	0.57
	0.9	0.23			0.6	0.58			0.9	0.46			1.1	0.54			1.1	0.52
	1.0	0.21			0.7	0.34			1.0	0.42			1.2	0.51			1.2	0.48
	1.1	0.20			0.8	0.27			1.1	0.38			1.3	0.48			1.3	0.44
	1.2	0.19			0.9	0.23			1.2	0.36			1.4	0.46			1.4	0.42
	1.3	0.19			1.0	0.21			1.3	0.34			1.5	0.45			1.5	0.39
	1.4	0.18			1.1	0.20			1.4	0.33			1.6	0.43			1.6	0.35
	1.5	0.18			1.2	0.19			1.5	0.31			1.7	0.42			1.7	0.33
	1.6	0.17			1.3	0.18			1.6	0.30			1.8	0.41			1.8	0.31
	1.7	0.17			1.4	0.17			1.7	0.29			1.9	0.40			1.9	0.29
	1.8	0.16			1.5	0.17			1.8	0.28			2.0	0.38			2.0	0.28
	1.9	0.16			1.6	0.17			1.9	0.27			2.1	0.37			2.1	0.26
	2.0	0.16			1.7	0.16			2.0	0.26			2.2	0.35			2.2	0.23
	2.1	0.16			1.8	0.16			2.1	0.26			2.3	0.34			2.3	0.20
	2.2	0.16			1.9	0.16			2.2	0.25			2.4	0.33			2.4	0.20
	2.3	0.14			2.0	0.16			2.3	0.20			2.5	0.31			2.5	0.19
	2.4	0.14			2.1	0.14			2.4	0.20			2.6	0.27			2.6	0.18
	2.5	0.14			2.2	0.14			2.5	0.18			2.7	0.24			2.7	0.16
	2.6	0.12			2.3	0.13			2.6	0.17			2.8	0.19			2.8	0.16
	2.7	0.12			2.4	0.13			2.7	0.16			2.9	0.17			2.9	0.14
	2.8	0.10			2.5	0.13			2.8	0.16			3.0	0.16			3.0	0.13
	2.9	0.10			2.6	0.12			2.9	0.16			3.1	0.16			3.1	0.13
	3.0	0.09			2.7	0.11			3.0	0.13			3.2	0.15			3.2	0.11
	3.1	0.09			2.8	0.11			3.1	0.13								

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Freq 2																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	3.1	0.13			3.3	0.13			2.6	0.18			1.6	0.10			2.6	0.12
	3.2	0.10			3.4	0.08			2.7	0.15			1.7	0.08			2.7	0.12
	3.3	0.10			3.5	0.07			2.8	0.15			1.8	0.07			2.8	0.10
	3.4	0.07			3.6	0.07			2.9	0.14			1.9	0.06			2.9	0.10
	3.5	0.07			3.7	0.07			3.0	0.12			2.0	0.06			3.0	0.09
	3.6	0.07			3.8	0.07			3.1	0.11			2.1	0.06			3.1	0.09
	3.7	0.06			3.9	0.06			3.2	0.09			2.2	0.06			3.2	0.07
13	0.8	0.76		14	0.8	0.77		15	0.8	0.74		16	0.9	0.65		17	1.0	0.70
	0.9	0.52			0.9	0.56			0.9	0.51			1.0	0.65			1.1	0.58
	1.0	0.48			1.0	0.52			1.0	0.48			1.1	0.53			1.2	0.52
	1.1	0.45			1.1	0.49			1.1	0.45			1.2	0.48			1.3	0.48
	1.2	0.43			1.2	0.47			1.2	0.43			1.3	0.45			1.4	0.45
	1.3	0.41			1.3	0.45			1.3	0.42			1.4	0.42			1.5	0.43
	1.4	0.40			1.4	0.43			1.4	0.40			1.5	0.40			1.6	0.40
	1.5	0.38			1.5	0.41			1.5	0.39			1.6	0.39			1.7	0.38
	1.6	0.37			1.6	0.40			1.6	0.38			1.7	0.37			1.8	0.37
	1.7	0.36			1.7	0.39			1.7	0.37			1.8	0.36			1.9	0.36
	1.8	0.35			1.8	0.38			1.8	0.36			1.9	0.35			2.0	0.34
	1.9	0.34			1.9	0.37			1.9	0.34			2.0	0.35			2.1	0.34
	2.0	0.33			2.0	0.36			2.0	0.34			2.1	0.32			2.2	0.30
	2.1	0.30			2.1	0.35			2.1	0.33			2.2	0.31			2.3	0.29
	2.2	0.28			2.2	0.31			2.2	0.31			2.3	0.29			2.4	0.28
	2.3	0.22			2.3	0.28			2.3	0.26			2.4	0.28			2.5	0.25
	2.4	0.22			2.4	0.25			2.4	0.22			2.5	0.21			2.6	0.21
	2.5	0.21			2.5	0.25			2.5	0.22			2.6	0.17			2.7	0.17
	2.6	0.21			2.6	0.24			2.6	0.21			2.7	0.17			2.8	0.16
	2.7	0.20			2.7	0.22			2.7	0.20			2.8	0.17			2.9	0.16
	2.8	0.18			2.8	0.21			2.8	0.19								

STATO TENSIONALE NEL TERRENO - COMBINAZIONE: Freq 2																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	3.7	0.07			3.8	0.06			3.7	0.07			3.8	0.05			3.7	0.06
	3.8	0.07			3.9	0.05			3.8	0.07			3.9	0.03			3.8	0.06
31	1.1	0.73		32	1.0	0.74		33	0.9	0.77		34	0.8	0.85		35	0.6	0.87
	1.2	0.62			1.1	0.64			1.0	0.64			0.9	0.64			0.7	0.85
	1.3	0.59			1.2	0.60			1.1	0.60			1.0	0.60			0.8	0.86
	1.4	0.57			1.3	0.58			1.2	0.56			1.1	0.57			0.9	0.87
	1.5	0.55			1.4	0.55			1.3	0.54			1.2	0.55			1.0	0.71
	1.6	0.54			1.5	0.54			1.4	0.51			1.3	0.53			1.1	0.66
	1.7	0.53			1.6	0.53			1.5	0.50			1.4	0.49			1.2	0.63
	1.8	0.51			1.7	0.50			1.6	0.48			1.5	0.47			1.3	0.60
	1.9	0.50			1.8	0.49			1.7	0.46			1.6	0.45			1.4	0.54
	2.0	0.49			1.9	0.48			1.8	0.45			1.7	0.42			1.5	0.52
	2.1	0.42			2.0	0.47			1.9	0.43			1.8	0.38			1.6	0.50
	2.2	0.41			2.1	0.38			2.0	0.42			1.9	0.37			1.7	0.45
	2.3	0.41			2.2	0.36			2.1	0.35			2.0	0.35			1.8	0.43
	2.4	0.39			2.3	0.34			2.2	0.33			2.1	0.31			1.9	0.42
	2.5	0.35			2.4	0.33			2.3	0.32			2.2	0.29			2.0	0.40
	2.6	0.31			2.5	0.32			2.4	0.30			2.3	0.28			2.1	0.33
	2.7	0.30			2.6	0.30			2.5	0.30			2.4	0.26			2.2	0.30
	2.8	0.28			2.7	0.28			2.6	0.29			2.5	0.26			2.3	0.28
	2.9	0.25			2.8	0.27			2.7	0.27			2.6	0.24			2.4	0.27
	3.0	0.16			2.9	0.23			2.8	0.25			2.7	0.24			2.5	0.25
	3.1	0.13			3.0	0.13			2.9	0.21			2.8	0.23			2.6	0.24
	3.2	0.13			3.1	0.10			3.0	0.15			2.9	0.19			2.7	

Fascicolo di Calcolo Geotecnica e sulle Fondazioni – Pozzetto di Sollevamento Acqua Grezza

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Freq 2																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	0.8	0.31			0.8	0.37			0.5	0.86			0.5	0.90			0.8	0.39
	0.9	0.29			0.9	0.34			0.6	0.86			0.6	0.90			0.9	0.35
	1.0	0.28			1.0	0.33			0.7	0.61			0.7	0.61			1.0	0.51
	1.1	0.28			1.1	0.33			0.8	0.55			0.8	0.56			1.1	0.33
	1.2	0.27			1.2	0.32			0.9	0.51			0.9	0.52			1.2	0.32
	1.3	0.27			1.3	0.31			1.0	0.46			1.0	0.48			1.3	0.32
	1.4	0.26			1.4	0.31			1.1	0.43			1.1	0.45			1.4	0.30
	1.5	0.26			1.5	0.30			1.2	0.41			1.2	0.41			1.5	0.29
	1.6	0.25			1.6	0.30			1.3	0.38			1.3	0.40			1.6	0.29
	1.7	0.25			1.7	0.27			1.4	0.36			1.4	0.39			1.7	0.27
	1.8	0.24			1.8	0.26			1.5	0.34			1.5	0.37			1.8	0.26
	1.9	0.24			1.9	0.25			1.6	0.32			1.6	0.35			1.9	0.25
	2.0	0.23			2.0	0.25			1.7	0.28			1.7	0.31			2.0	0.25
	2.1	0.23			2.1	0.22			1.8	0.26			1.8	0.29			2.1	0.24
	2.2	0.21			2.2	0.20			1.9	0.24			1.9	0.26			2.2	0.22
	2.3	0.21			2.3	0.20			2.0	0.23			2.0	0.26			2.3	0.21
	2.4	0.20			2.4	0.20			2.1	0.20			2.1	0.24			2.4	0.21
	2.5	0.19			2.5	0.19			2.2	0.19			2.2	0.21			2.5	0.19
	2.6	0.18			2.6	0.18			2.3	0.19			2.3	0.20			2.6	0.18
	2.7	0.18			2.7	0.18			2.4	0.18			2.4	0.19			2.7	0.17
	2.8	0.16			2.8	0.16			2.5	0.17			2.5	0.19			2.8	0.15
	2.9	0.16			2.9	0.14			2.6	0.17			2.6	0.17			2.9	0.14
	3.0	0.10			3.0	0.11			2.7	0.15			2.7	0.15			3.0	0.13
	3.1	0.10			3.1	0.09			2.8	0.15			2.8	0.15			3.1	0.10
	3.2	0.08			3.2	0.07			2.9	0.14			2.9					

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Freq 2																	
Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq
	0.2	0.44		0.1	0.39		0.2	0.40		0.1	0.38		1.3	0.52		-0.2	0.23
	0.3	0.43		0.2	0.38		0.3	0.39		0.2	0.37		1.4	0.48		-0.1	0.22
	0.4	0.54		0.3	0.36		0.4	0.47		0.3	0.35		1.5	0.46		0.0	0.22
	0.5	0.57		0.4	0.35		0.5	0.51		0.4	0.34		1.6	0.44		0.1	0.21
	0.6	0.52		0.5	0.34		0.6	0.49		0.5	0.33		1.7	0.41		0.2	0.34
	0.7	0.47		0.6	0.28		0.7	0.47		0.6	0.27		1.8	0.37		0.3	0.33
	0.8	0.44		0.7	0.27		0.8	0.46		0.7	0.26		1.9	0.35		0.4	0.48
	0.9	0.42		0.8	0.25		0.9	0.46		0.8	0.25		2.0	0.34		0.5	0.46
	1.0	0.41		0.9	0.24		1.0	0.41		0.9	0.23		2.1	0.33		0.6	0.39
	1.1	0.40		1.0	0.22		1.1	0.41		1.0	0.21		2.2	0.29		0.7	0.35
	1.2	0.40		1.1	0.21		1.2	0.39		1.1	0.20		2.3	0.28		0.8	0.30
	1.3	0.38		1.2	0.21		1.3	0.38		1.2	0.20		2.4	0.26		0.9	0.28
	1.4	0.37		1.3	0.21		1.4	0.36		1.3	0.19		2.5	0.24		1.0	0.27
	1.5	0.30		1.4	0.20		1.5	0.30		1.4	0.18		2.6	0.24		1.1	0.26
	1.6	0.28		1.5	0.13		1.6	0.29		1.5	0.13		2.7	0.23		1.2	0.25
	1.7	0.26		1.6	0.13		1.7	0.26		1.6	0.13		2.8	0.22		1.3	0.25
	1.8	0.26		1.7	0.11		1.8	0.26		1.7	0.12		2.9	0.16		1.4	0.23
	1.9	0.23		1.8	0.10		1.9	0.23		1.8	0.10		3.0	0.13		1.5	0.20
	2.0	0.23		1.9	0.08		2.0	0.23		1.9	0.09		3.1	0.13		1.6	0.17
	2.1	0.22		2.0	0.09		2.1	0.21		2.0	0.09		3.2	0.10		1.7	0.17
	2.2	0.17		2.1	0.09		2.2	0.19		2.1	0.08		3.3	0.06		1.8	0.16
	2.3	0.17		2.2	0.09		2.3	0.18		2.2	0.09		3.4	0.05		1.9	0.15
	2.4	0.16		2.3	0.09		2.4	0.18		2.3	0.09		3.5	0.05		2.0	0.15
73	0.7	0.89	74	-0.9	0.55	75	0.6	0.93	76	-1.0	0.61	77	-0.9	0.58	78	-0.9	0.54
	0.8	0.85		-0.8	0.30		0.7	0.87		-0.9	0.36		-0.8	0.38		-0.8	0.29
	0.9	0.76		-0.7	0.26		0.8	0.78		-0.8	0.32		-0.7	0.33		-0.7	0.26
	1.0	0.70		-0.6	0.25		0.9	0.73		-0.7	0.30		-0.6	0.30		-0.6	0.25
	1.1	0.66		-0.5	0.24		1.0	0.70		-0.6	0.28		-0.5	0.28		-0.5	0.24
	1.2	0.62		-0.4	0.23		1.1	0.67		-0.5	0.27		-0.4	0.27		-0.4	0.24
	1.3	0.59		-0.3	0.23		1.2	0.63		-0.4	0.26		-0.3	0.25		-0.3	0.24
	1.4	0.53		-0.2	0.22		1.3	0.60		-0.3	0.25		-0.2	0.24		-0.2	0.23
	1.5	0.50		-0.1	0.22		1.4	0.54		-0.2	0.24		-0.1	0.23		-0.1	0.23
	1.6	0.48		0.0	0.21		1.5	0.50		-0.1	0.24		0.0	0.22		0.0	0.22
	1.7	0.46		0.1	0.21		1.6	0.49		0.0	0.23		0.1	0.22		0.1	0.21
	1.8	0.42		0.2	0.20		1.7	0.47		0.1	0.22		0.2	0.31		0.2	0.21
	1.9	0.41		0.3	0.20		1.8	0.43		0.2	0.22		0.3	0.31		0.3	0.20
	2.0	0.39		0.4	0.19		1.9	0.41		0.3	0.22		0.4	0.43		0.4	0.20
	2.1	0.33		0.5	0.19		2.0	0.37		0.4	0.25		0.5	0.41		0.5	0.19
	2.2	0.31		0.6	0.17		2.1	0.33		0.5	0.32		0.6	0.36		0.6	0.17
	2.3	0.28		0.7	0.16		2.2	0.31		0.6	0.39		0.7	0.33		0.7	0.15
	2.4	0.26		0.8	0.15		2.3	0.30		0.7	0.42		0.8	0.29		0.8	0.15
	2.5	0.24		0.9	0.15		2.4	0.27		0.8	0.47		0.9	0.27		0.9	0.14
	2.6	0.23		1.0	0.14		2.5	0.25		0.9	0.49		1.0	0.25		1.0	0.14
	2.7	0.22		1.1	0.14		2.6	0.24		1.0	0.48		1.1	0.24		1.1	0.13
	2.8	0.20		1.2	0.14		2.7	0.22		1.1	0.49		1.2	0.24		1.2	0.13
	2.9	0.15		1.3	0.14		2.8	0.22		1.2	0.48		1.3	0.22		1.3	0.12
	3.0	0.15		1.4	0.14		2.9	0.17		1.3	0.48		1.4	0.21		1.4	0.12
	3.1	0.12		1.5	0.11		3.0	0.15		1.4	0.46		1.5	0.20		1.5	0.09
	3.2	0.11		1.6	0.10		3.1	0.12		1.5	0.43		1.6	0.18		1.6	0.08
	3.3	0.07		1.7	0.07		3.2	0.11		1.6	0.42		1.7	0.18		1.7	0.05
	3.4	0.04		1.8	0.07		3.3	0.07		1.7	0.41		1.8	0.16		1.8	0.05
	3.5	0.04		1.9	0.07		3.4	0.05		1.8	0.37		1.9	0.15		1.9	0.05
	3.6	0.04		2.0	0.07		3.5	0.05		1.9	0.35		2.0	0.15		2.0	0.05
79	-0.9	0.54	80	-0.9	0.55	81	-0.9	0.55	82	-0.9	0.54						
	-0.8	0.33		-0.8	0.34		-0.8	0.31		-0.8	0.33						
	-0.7	0.29		-0.7	0.30		-0.7	0.27		-0.7	0.29						
	-0.6	0.27		-0.6	0.28		-0.6	0.25		-0.6	0.27						
	-0.5	0.26		-0.5	0.28		-0.5	0.24		-0.5	0.25						
	-0.4	0.26		-0.4	0.27		-0.4	0.24		-0.4	0.24						
	-0.3	0.26		-0.3	0.27		-0.3	0.23		-0.3	0.24						
	-0.2	0.25		-0.2	0.26		-0.2	0.23		-0.2	0.23						
	-0.1	0.25		-0.1	0.26		-0.1	0.22		-0.1	0.22						
	0.0	0.25		0.0	0.25		0.0	0.21		0.0	0.22						
	0.1	0.24		0.1	0.25		0.1	0.21		0.1	0.21						
	0.2	0.24		0.2	0.24		0.2	0.20		0.2	0.21						
	0.3	0.23		0.3	0.24		0.3	0.19		0.3	0.20						
	0.4	0.23		0.4	0.23		0.4	0.19		0.4	0.20						
	0.5	0.22		0.5	0.22		0.5	0.18		0.5	0.19						
	0.6	0.22		0.6	0.22		0.6	0.18		0.6	0.18						
	0.7	0.17		0.7	0.19		0.7	0.16		0.7	0.17						
	0.8	0.15		0.8	0.19		0.8	0.16		0.8	0.16						
	0.9	0.15		0.9	0.19		0.9	0.16		0.9	0.14						
	1.0	0.15		1.0	0.16		1.0	0.14		1.0	0.14						
	1.1	0.15		1.1	0.16		1.1	0.14		1.1	0.12						
	1.2	0.14		1.2	0.15		1.2	0.14		1.2	0.12						
	1.3	0.13		1.3	0.14		1.3	0.13		1.3	0.12						
	1.4	0.12		1.4	0.13		1.4	0.13		1.4	0.11						
	1.5	0.08		1.5	0.08		1.5	0.11		1.5	0.09						
	1.6	0.08		1.6	0.08		1.6	0.11		1.6	0.08						
	1.7	0.06		1.7	0.06		1.7	0.07		1.7	0.06						
	1.8	0.05		1.8	0.06		1.8	0.07		1.8	0.06						
	1.9	0.05		1.9	0.05		1.9	0.07		1.9	0.05						
	2.0	0.05		2.0	0.05		2.0	0.08		2.0	0.06						

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Perm 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
1	0.6	0.59		2	0.3	0.59		3	0.6	0.68		4	0.8	0.81		5	0.8	0.83
	0.7	0.32			0.4	0.59			0.7	0.66			0.9	0.64			0.9	0.64
	0.8	0.26			0.5	0.59			0.8	0.53			1.0	0.58			1.0	0.57
	0.9	0.23			0.6	0.58			0.9	0.46			1.1	0.54			1.1	0.52
	1.0	0.21			0.7	0.34			1.0	0.41			1.2	0.51			1.2	0.48
	1.1	0.20			0.8	0.27			1.1	0.38			1.3	0.48			1.3	0.44
	1.2	0.19			0.9	0.23			1.2	0.36			1.4	0.46			1.4	0.42

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Perm 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	1.3	0.19			1.0	0.21			1.3	0.34			1.5	0.44			1.5	0.39
	1.4	0.18			1.1	0.19			1.4	0.32			1.6	0.43			1.6	0.35
	1.5	0.17			1.2	0.18			1.5	0.31			1.7	0.42			1.7	0.33
	1.6	0.17			1.3	0.18			1.6	0.30			1.8	0.41			1.8	0.31
	1.7	0.17			1.4	0.17			1.7	0.29			1.9	0.39			1.9	0.28
	1.8	0.16			1.5	0.17			1.8	0.28			2.0	0.38			2.0	0.28
	1.9	0.16			1.6	0.16			1.9	0.27			2.1	0.37			2.1	0.26
	2.0	0.16			1.7	0.16			2.0	0.26			2.2	0.34			2.2	0.23
	2.1	0.16			1.8	0.16			2.1	0.26			2.3	0.34			2.3	0.20
	2.2	0.15			1.9	0.16			2.2	0.24			2.4	0.33			2.4	0.20
	2.3	0.14			2.0	0.16			2.3	0.20			2.5	0.31			2.5	0.19
	2.4	0.14			2.1	0.14			2.4	0.20			2.6	0.27			2.6	0.18
	2.5	0.14			2.2	0.14			2.5	0.18			2.7	0.24			2.7	0.16
	2.6	0.12			2.3	0.13			2.6	0.17			2.8	0.19			2.8	0.16
	2.7	0.12			2.4	0.13			2.7	0.16			2.9	0.17			2.9	0.14
	2.8	0.10			2.5	0.13			2.8	0.16			3.0	0.16			3.0	0.13
	2.9	0.10			2.6	0.12			2.9	0.16			3.1	0.16			3.1	0.13
	3.0	0.09			2.7	0.11			3.0	0.13			3.2	0.15			3.2	0.11
	3.1	0.09			2.8	0.11			3.1	0.13			3.3	0.12			3.3	0.08
	3.2	0.07			2.9	0.11			3.2	0.09			3.4	0.10			3.4	0.06
	3.3	0.07			3.0	0.10			3.3	0.09			3.5	0.08			3.5	0.06
	3.4	0.06			3.1	0.08			3.4	0.08			3.6	0.08			3.6	0.06
	3.5	0.07			3.2	0.07			3.5	0.06			3.7	0.06			3.7	0.06
7	0.8	0.64		8	1.0	0.68		9	0.3	0.77		10	-0.7	0.56		11	0.3	0.75
	0.9	0.64			1.1	0.54												

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Perm 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	1.9	0.34			1.8	0.39			1.9	0.35			2.0	0.35			2.1	0.36
	2.0	0.33			1.9	0.36			2.0	0.34			2.1	0.34			2.2	0.31
	2.1	0.31			2.0	0.35			2.1	0.30			2.2	0.33			2.2	0.29
	2.2	0.25			2.1	0.31			2.2	0.24			2.3	0.30			2.3	0.28
	2.3	0.24			2.2	0.26			2.3	0.23			2.4	0.27			2.4	0.27
	2.4	0.22			2.3	0.25			2.4	0.21			2.5	0.24			2.5	0.27
	2.5	0.21			2.4	0.24			2.5	0.20			2.6	0.23			2.6	0.26
	2.6	0.20			2.5	0.23			2.6	0.20			2.7	0.18			2.7	0.25
	2.7	0.18			2.6	0.22			2.7	0.17			2.8	0.18			2.8	0.25
	2.8	0.18			2.7	0.19			2.8	0.17			2.9	0.17			2.9	0.21
	2.9	0.16			2.8	0.19			2.9	0.16			3.0	0.15			3.0	0.16
	3.0	0.13			2.9	0.18			3.0	0.13			3.1	0.13			3.1	0.11
	3.1	0.13			3.0	0.15			3.1	0.13			3.2	0.13			3.2	0.10
	3.2	0.09			3.1	0.13			3.2	0.11			3.3	0.10			3.3	0.08
	3.3	0.07			3.2	0.10			3.3	0.10			3.4	0.08			3.4	0.07
	3.4	0.05			3.3	0.06			3.4	0.06			3.5	0.07			3.5	0.07
	3.5	0.05			3.4	0.04			3.5	0.05			3.6	0.06			3.6	0.07
	3.6	0.05			3.5	0.05			3.6	0.05			3.7	0.06			3.7	0.07
25	0.9	0.76		26	1.0	0.71		27	0.9	0.78		28	1.0	0.73		29	0.9	0.71
	1.0	0.63			1.1	0.61			1.0	0.65			1.1	0.63			1.2	0.59
	1.1	0.58			1.2	0.58			1.1	0.60			1.2	0.60			1.3	0.56
	1.2	0.55			1.3	0.56			1.2	0.57			1.3	0.58			1.4	0.54
	1.3	0.52			1.4	0.54			1.3	0.55			1.4	0.57			1.5	0.53
	1.4	0.51			1.5	0.53			1.4	0.53			1.5	0.56			1.6	0.51
	1.5	0.49			1.6	0.52												

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Perm 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	2.5	0.25			2.4	0.21			2.3	0.22			2.4	0.23			2.4	0.22
	2.6	0.24			2.5	0.21			2.4	0.22			2.5	0.22			2.5	0.20
	2.7	0.23			2.6	0.21			2.5	0.22			2.6	0.22			2.6	0.20
	2.8	0.22			2.7	0.20			2.6	0.22			2.7	0.21			2.7	0.19
	2.9	0.19			2.8	0.20			2.7	0.20			2.8	0.20			2.8	0.17
	3.0	0.14			2.9	0.16			2.8	0.19			2.9	0.15			2.9	0.16
	3.1	0.11			3.0	0.14			2.9	0.15			3.0	0.13			3.0	0.14
	3.2	0.10			3.1	0.13			3.0	0.13			3.1	0.11			3.1	0.14
	3.3	0.09			3.2	0.11			3.1	0.12			3.2	0.10			3.2	0.14
	3.4	0.05			3.3	0.10			3.2	0.10			3.3	0.08			3.3	0.11
	3.5	0.05			3.4	0.08			3.3	0.08			3.4	0.07			3.4	0.09
	3.6	0.05			3.5	0.08			3.4	0.07			3.5	0.07			3.5	0.08
	3.7	0.05			3.6	0.08			3.5	0.08			3.6	0.07			3.6	0.09
43	0.7	0.73		44	0.6	0.60		45	0.6	0.62		46	0.6	0.63		47	0.6	0.63
	0.8	0.45			0.7	0.34			0.7	0.38			0.7	0.38			0.7	0.38
	0.9	0.41			0.8	0.29			0.8	0.33			0.8	0.34			0.8	0.34
	1.0	0.39			0.9	0.27			0.9	0.30			0.9	0.31			0.9	0.31
	1.1	0.38			1.0	0.26			1.0	0.29			1.0	0.30			1.0	0.30
	1.2	0.36			1.1	0.26			1.1	0.28			1.1	0.30			1.1	0.30
	1.3	0.35			1.2	0.26			1.2	0.27			1.2	0.29			1.2	0.29
	1.4	0.33			1.3	0.25			1.3	0.27			1.3	0.29			1.3	0.29
	1.5	0.32			1.4	0.25			1.4	0.26			1.4	0.29			1.4	0.29
	1.6	0.32			1.5	0.25			1.5	0.26			1.5	0.28			1.5	0.28
	1.7	0.31			1.6	0.25			1.6	0.25			1.6	0.28			1.6	0.28
	1.8	0.30			1.7	0.24		</										

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Perm 1																		
Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq		Filo N.ro	Quota m	Tens. kg/cmq
	2.7	0.15			1.3	0.30			1.3	0.32			1.0	0.09			1.0	0.09
	2.8	0.14			1.4	0.30			1.4	0.31			1.1	0.09			1.1	0.09
	2.9	0.12			1.5	0.28			1.5	0.30			1.2	0.09			1.2	0.09
	3.0	0.11			1.6	0.28			1.6	0.28			1.3	0.08			1.3	0.08
	3.1	0.10			1.7	0.27			1.7	0.27			1.4	0.08			1.4	0.08
	3.2	0.07			1.8	0.25			1.8	0.25			1.5	0.07			1.5	0.07
	3.3	0.07			1.9	0.24			1.9	0.24			1.6	0.06			1.6	0.07
	3.4	0.06			2.0	0.24			2.0	0.23			1.7	0.05			1.7	0.05
61	-0.8	0.64		62	-0.7	0.69		63	-0.7	0.68		64	-0.6	0.58		65	-0.6	0.67
	-0.7	0.50			-0.6	0.49			-0.6	0.53			-0.5	0.58			-0.5	0.50
	-0.6	0.45			-0.5	0.46			-0.5	0.47			-0.4	0.43			-0.4	0.46
	-0.5	0.43			-0.4	0.43			-0.4	0.43			-0.3	0.39			-0.3	0.43
	-0.4	0.40			-0.3	0.41			-0.3	0.41			-0.2	0.36			-0.2	0.41
	-0.3	0.39			-0.2	0.39			-0.2	0.38			-0.1	0.34			-0.1	0.39
	-0.2	0.37			-0.1	0.38			-0.1	0.36			0.0	0.32			0.0	0.37
	-0.1	0.35			0.0	0.36			0.0	0.34			0.1	0.30			0.1	0.35
	0.0	0.34			0.1	0.35			0.1	0.33			0.2	0.29			0.2	0.34
	0.1	0.33			0.2	0.33			0.2	0.31			0.3	0.28			0.3	0.32
	0.2	0.31			0.3	0.32			0.3	0.30			0.4	0.27			0.4	0.31
	0.3	0.30			0.4	0.31			0.4	0.29			0.5	0.27			0.5	0.30
	0.4	0.29			0.5	0.30			0.5	0.28			0.6	0.22			0.6	0.25
	0.5	0.28			0.6	0.27			0.6	0.23			0.7	0.22			0.7	0.24
	0.6	0.26			0.7	0.24			0.7	0.19			0.8	0.22			0.8	0.23
	0.7	0.24			0.8	0.21			0.8	0.18			0.9	0.22			0.9	0.22
	0.8	0.20			0													

STATO TENSIONALE NEL TERRENO - COMBINAZIONE:Perm 1																	
Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq	Filo N.ro	Quota m	Tens. kg/cmq
	3.4	0.04		1.8	0.07		3.3	0.07		1.7	0.41		1.8	0.16		1.8	0.05
	3.5	0.04		1.9	0.07		3.4	0.05		1.8	0.37		1.9	0.15		1.9	0.05
	3.6	0.04		2.0	0.07		3.5	0.05		1.9	0.35		2.0	0.15		2.0	0.05
79	-0.9	0.54	80	-0.9	0.54	81	-0.9	0.55	82	-0.9	0.54						
	-0.8	0.33		-0.8	0.34		-0.8	0.31		-0.8	0.33						
	-0.7	0.29		-0.7	0.30		-0.7	0.27		-0.7	0.29						
	-0.6	0.27		-0.6	0.28		-0.6	0.25		-0.6	0.27						
	-0.5	0.26		-0.5	0.28		-0.5	0.24		-0.5	0.25						
	-0.4	0.26		-0.4	0.27		-0.4	0.24		-0.4	0.24						
	-0.3	0.26		-0.3	0.27		-0.3	0.23		-0.3	0.24						
	-0.2	0.25		-0.2	0.26		-0.2	0.22		-0.2	0.23						
	-0.1	0.25		-0.1	0.26		-0.1	0.22		-0.1	0.22						
	0.0	0.25		0.0	0.25		0.0	0.21		0.0	0.22						
	0.1	0.24		0.1	0.25		0.1	0.21		0.1	0.21						
	0.2	0.24		0.2	0.24		0.2	0.20		0.2	0.21						
	0.3	0.23		0.3	0.23		0.3	0.19		0.3	0.20						
	0.4	0.23		0.4	0.23		0.4	0.19		0.4	0.20						
	0.5	0.22		0.5	0.22		0.5	0.18		0.5	0.19						
	0.6	0.22		0.6	0.22		0.6	0.18		0.6	0.18						
	0.7	0.17		0.7	0.19		0.7	0.16		0.7	0.17						
	0.8	0.15		0.8	0.19		0.8	0.16		0.8	0.16						
	0.9	0.15		0.9	0.19		0.9	0.16		0.9	0.14						
	1.0	0.15		1.0	0.16		1.0	0.14		1.0	0.14						
	1.1	0.15		1.1	0.16		1.1	0.14		1.1	0.12						
	1.2	0.14		1.2	0.15		1.2	0.14		1.2	0.12						
	1.3	0.13		1.3	0.14		1.3	0.13		1.3	0.12						
	1.4	0.12		1.4	0.13		1.4	0.13		1.4	0.11						
	1.5	0.08		1.5	0.08		1.5	0.11		1.5	0.09						
	1.6	0.08		1.6	0.08		1.6	0.11		1.6	0.08						
	1.7	0.06		1.7	0.06		1.7	0.07		1.7	0.06						
	1.8	0.05		1.8	0.06		1.8	0.07		1.8	0.06						
	1.9	0.05		1.9	0.05		1.9	0.07		1.9	0.05						
	2.0	0.05		2.0	0.05		2.0	0.08		2.0	0.06						