

Indagini Integrative

Variante 2 P. Particolareggiato comparto "A1 ex - nuova Silan"

Geotecnica, Geomorfologia e Idrogeologia, Discariche, Bonifiche di Zone Inquinatae, Indagini geostatiche: Prove CPT, DPM, di carico su piastra PLT, Prospzioni Geofisiche: Sismica a rifrazione di superficie e in foro, DOWN-HOLE e CROSS-HOLE, Tomografia Elettrica e Sismica, Misurazione velocità di flusso della falda con sistema di STANUDIN, Monitoraggio acque sotterranee, Indagini Geo RADAR Indagini superficiale per ricerche archeologiche, con Elettro magnetometro EM31

REGIONE: Emilia Romagna.

PROVINCIA: Modena.

COMUNE: Carpi.

COMMITTENTE:
ANDRIA S. Coop RL
AbitCoop S. Coop
Effemme Costruzioni Srl

Località Intervento:

Via Meloni di Quartirolo 1 Carpi (MO).

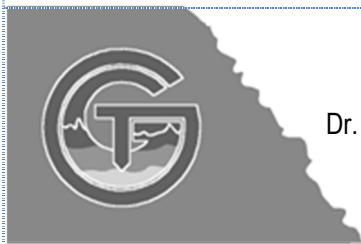
**Report dati geognostici e sismici come da
Richiesta di integrazioni Provincia di Modena - Area Tecnica
Progr.ne Urbanistica, Scolastica e Trasporti di Modena.
Fasc. 2927/2023 Class 07-04-05**

DATA INDAGINE:

Ottobre 2023

Il Tecnico:

STUDIO TECNOGEO



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Controdeduzione alla Richiesta di integrazioni da Provincia di Modena - Area Tecnica Progr.ne Urbanistica, Scolastica e Trasporti di Modena ricevuta in data 04-10-23.

Fasc. 2927/2023 Class 07-04-05

Oggetto: Variante n 2 P. Particolareggiato iniziativa privata zona trasformazione aree dismesse o in via di dismissione tipo "A" - comparto A/1 area ex nuova Silan. Via Meloni di Quartirolo comune di Carpi.

Controdeduzione alle richieste di integrazioni-osservazioni pervenute

Le seguenti controdeduzioni fanno riferimento alla Richiesta di integrazioni relative allo stralcio II, del precedente report geologico sismico redatto dallo scrivente in data agosto 2022, in particolare poiché (come indicato nella richiesta di integrazione), parte dell'area in esame (porzione marginale spigolo NE del comparto), è ricompresa in "zone suscettibili di Instabilità" per liquefazione.'

Quanto in seguito fa espressamente riferimento a:

1. valori di PGA determinati con Analisi di Risposta Sismica Locale come da DGR 476-564/21
2. Esecuzione di prove penetrometriche statiche a punta elettrica piezocono (Cpt_U) spinte a -20 m da pc, per stima potenziale liquefazione con aggiornamento delle verifiche sulle penetrometriche precedenti ad analoga profondità (-20 m da pc).
3. Verifiche di suscettività alla liquefazione (Del. G. RER 476/21 e 564/21) e calcolo dei FA previsti
4. Applicazione Magnitudo max 6,14 (ICMS2008)
5. Valore di falda omogeneo e cautelativo per eventuale escursione falda

Punto 1)

In relazione all'ottenimento dei valori di PGA in approfondimento alle precedenti indagini sismiche eseguite (masw e rilievo sismico passivo HVSR) per lo sviluppo di una Analisi di Risposta Sismica Locale numerica (Del. G. RER 476/21 e 564/21), è stata appositamente eseguita una analisi sismica Esac in seguito descritta.

Indagine ad antenna sismica passiva (metodo ESAC) con elaborazione congiunta Masw- Esac

Le vibrazioni ambientali (o rumore sismico ambientale o microtremori) oltre che per le misure HVSR (sopra descritte possono essere utilizzate anche per i rilievi con antenna sismica (conosciute come prove ESAC).

I movimenti del terreno che interessano queste tecniche passive, sono caratterizzati da ampiezze dell'ordine di 10-4 – 10-2 mm. Queste vibrazioni sono l'effetto di una molteplicità di sorgenti agenti a diverse frequenze: ad esempio onde marine e perturbazioni atmosferiche, contribuiscono al campo d'onda prevalentemente a frequenze inferiori a 0.5 Hz; vento, traffico veicolare e attività industriali contribuiscono prevalentemente a frequenze superiori a 0.5 Hz.

Se da un lato il carattere stocastico del fenomeno presenta difficoltà di tipo teorico, dall'altro consente, mediante operazioni di tipo statistico, di ridurre la complessità dell'analisi.

Dato che il rumore è caratterizzato da lunghezze d'onda anche molto grandi (decine o centinaia di metri), confrontabili con quelle tipiche dei fenomeni sismici, le tecniche di sismica passiva possono trovare applicazione negli studi della risposta sismica locale, e possono arrivare a determinare profili di velocità delle onde S fino a profondità dell'ordine anche di diverse decine di metri.

La configurazione di tale rilievo è quello definito appunto ad antenna sismica (array), con cui vengono analizzati i rapporti di fase tra i treni d'onda che attraversano un'antenna sismica (array) ovvero una distribuzione di sensori disposti con geometrie variabili sulla superficie del terreno (a L a X a Triangolo, quadrato, cerchio ecc. secondo le possibilità operative).

Tra le configurazioni ad antenna sismica (array), è stata utilizzato il metodo d'indagine Esac (Aki 1959) che si basa sul principio secondo il quale la funzione di correlazione media fra le registrazioni di un rumore isotropo, effettuate su sensori verticali distribuiti in diverse direzioni a parità di distanza "r" da un sensore centrale, ha una forma nota (funzione di Bessel di ordine 0).

La forma di questa funzione di Bessel ad una data frequenza ed una data distanza "r" è controllata dal valore della velocità di fase.

Nella indagine eseguita sono state utilizzate delle configurazioni geometriche 2D e spaziature variabili tra i sensori;

Inoltre per migliorare la definizione della curva di dispersione, è stata utilizzata la precedente indagine sismica masw eseguita circa parallela all'asse X, per consentire di ottenere dettaglio nei valori di propagazione delle Vs negli strati più prossimi alla superficie.

Il risultato finale del metodo Esac (accoppiato a Masw o eventualmente anche Remi) è una curva di dispersione effettiva più accurata che rappresenta una combinazione delle diverse curve modali "pesate" in base al loro specifico contenuto energetico del sito. il reale vantaggio deriva dalla possibilità, utilizzando più tecniche accoppiate (Masw-Esac) di "prolungare" la curva di dispersione e quindi di ottenere dati sismici significativi ed accurati anche in profondità.

L'elaborazione dei dati accoppiati Masw- Esac è stata effettuata mediante specifico programma (Masw-Esac ver. 4.0.0.2 (c) Vitantonio Roma. All rights reserved).

Poiché per la realizzazione di un array ad antenna sismica sono in genere necessari spazi maggiori che per le classiche indagini Masw e/o Remi, in corrispondenza della zona in esame, si è quindi proceduto all'esecuzione della indagine Esac-Masw posizionata come indicato in Fig. 1, cioè circa in corrispondenza della porzione ovest-settentrionale dell'area, in prossimità della precedente posizione della indagine masw, ove è presente terreno per consentire il corretto posizionamento dei geofoni sismici.

I singoli dati sismici di acquisizione sono come sotto evidenziato.

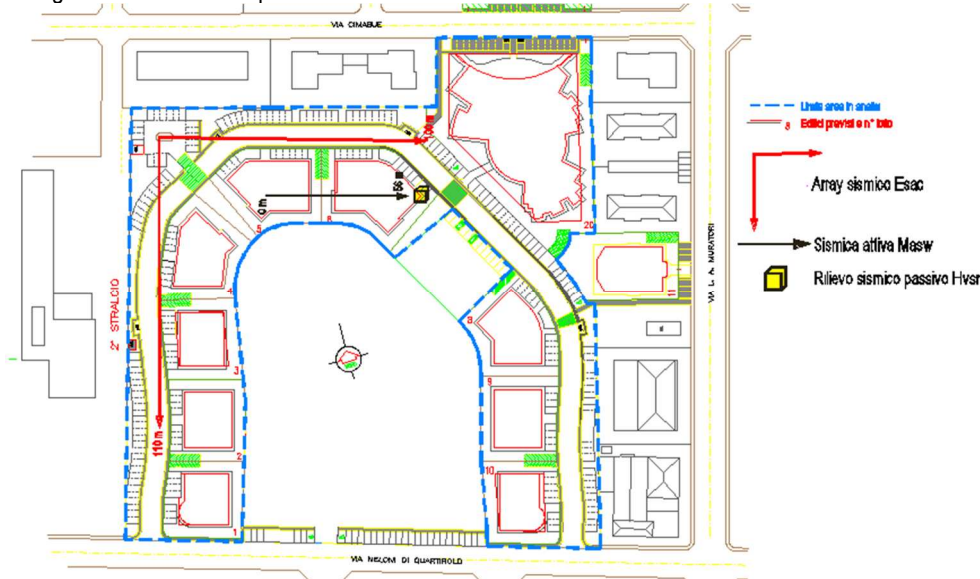


Fig. 1: Ubicazione Indagine Esac e precedente indagine Masw

Dati sperimentali indagine Masw:

Numero di ricevitori.....	24
Distanza tra i sensori:.....	2.0m
Numero di campioni temporali	2048
Passo temporale di acquisizione.....	1ms
Numero di ricevitori usati per l'analisi.....	24
L'intervallo considerato per l'analisi comincia a	0ms
L'intervallo considerato per l'analisi termina a	2047ms

Dati sperimentali indagine ESAC:

Numero di ricevitori.....	12
Numero di campioni temporali	32768
Passo temporale di acquisizione.....	2ms
L'intervallo considerato per l'analisi comincia a	0ms
L'intervallo considerato per l'analisi termina a	65534ms
Durata finestra	16s
Sovrapposizione.....	0s
Lisciamiento	0.1
Soglia pulitura.....	0sqm
Numero di iterazioni.....	4

Per i dati stratigrafici più profondi e per le opportune tarature con i dati emersi dalle indagini sismiche, si è fatto riferimento a sondaggi per opere di emungimento in particolare alle stratigrafie di 3 pozzi desunti dal catasto pozzi on-line Regione Emilia Romagna e Ispra (RER pozzo 201030P668 e 201030P614- Ispra pozzo 3127), che hanno permesso di individuare le principali suddivisioni e stratificazioni litologiche presenti in profondità, prese a riferimento per l'analisi di Risposta Sismica Locale (RSL).

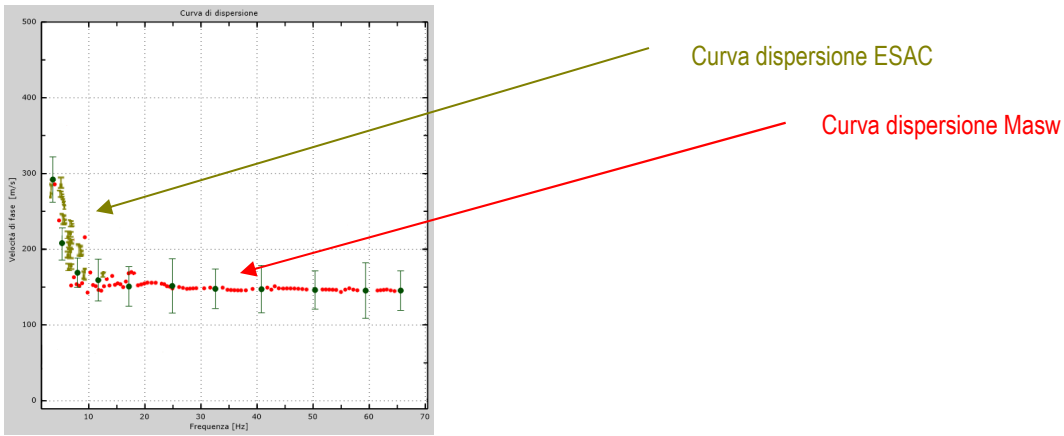


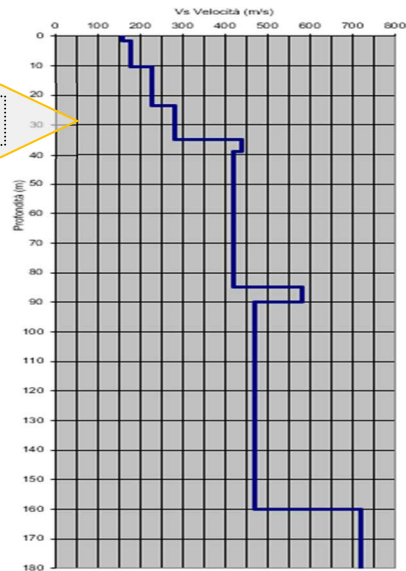
Fig. 2: Curva dispersione da indagine combinata Esac-Masw

Profilo sismico del sito da elaborazione combinata Masw-Esac

Numero di strati 19
 Numero modi 1

Strato n.	Prof. base strato m	Vs m/sec
1	1.5	160
2	10.5	180
3	23.5	230
4	35	280
5	39	440
	85	420
7	90	580
8	160	470
9	>160	720

$V_{s30}^{Mw-ESAC} = 191 \text{ m/s (0-30 m)}$



L'indagine congiunta Masw Esac ha consentito quindi di valutare la profondità, in cui con buona probabilità sono presenti, strati del sottosuolo attribuibili ad un bed rock sismico ($V_s \geq 720 \text{ m/s}$), che è quindi ipotizzabile a profondità di $\approx 160 \text{ m}$.

Analisi numerica Risposta Sismica Locale (III livello approfondimento) (Del. G. RER 476/21 e 564/21)

A questo punto noto la presunta profondità del bed rock dalle "analisi-indagini" suddette, mediante il codice di calcolo LSR 2D (Local Sismic Response 2D) Ver. 5.0.5 di STACEC.

Il codice di calcolo LSR2D consente di effettuare una modellazione monodimensionale e bidimensionale del problema mediante il metodo degli elementi finiti, nel dominio del tempo, in tensioni totali, utilizzando il metodo lineare equivalente e tenendo conto della deformabilità del substrato.

Qualora la stratigrafia in esame non presenti problematiche di carattere bidimensionale, come nel caso in esame, è comunque possibile studiare il problema monodimensionale grazie ad una discretizzazione di una striscia unitaria di terreno e all'applicazione di un sistema di vincoli sul modello FEM tale da consentire solo deformazioni di taglio.

Sempre nell'ipotesi di analisi 1D, la stratificazione è considerata come ipotesi di progetto, piano parallela e propagazione del sisma verticale, con restituzione in genere alla superficie del piano di campagna.

I dati accelerometrici utilizzati come segnali di input sismico, sono stati utilizzati quelli forniti dalla piattaforma banca dati accelerometrica "European Strong Motion database" sviluppata da EUCENTRE per la 'Regione Emilia-Romagna' e disponibili nella piattaforma WebGis "egeos-test.eucentre.it/rer.home.html" (come indicato in All.4), sono stati preliminarmente normalizzati alla a_g (di progetto) per la zona studiata (spettro compatibilità).

Epic. Distance(km)	Scaling _Factor %	Source File_Name banca dati di appartenenza accelerogramma	Name attribuito Nella RSL	accelerogramma
29.9	2.03	ESM EU.HRZ..HNE.D.19790524.172317.C.ACC.ASC	Condizione 1	<input checked="" type="checkbox"/> TR475_ID15614_1_G
12.57	1.34	NGA RSN146_COYOTELK_G01320.AT2	Condizione 2	<input checked="" type="checkbox"/> TR475_ID15614_2_G
54.21	2.52	NGA RSN703_WHITTIER.A_A-VAS000.AT2	Condizione 3	<input checked="" type="checkbox"/> TR475_ID15614_3_G
83.53	1.48	NGA RSN804_LOMAP_SSF205.AT2	Condizione 4	<input checked="" type="checkbox"/> TR475_ID15614_4_G
38.07	1.12	NGA RSN1091_NORTHR_VAS090.AT2	Condizione 5	<input checked="" type="checkbox"/> TR475_ID15614_5_G
31.00	0.63	KiKnet SMNH100010061330.EW2	Condizione 6	<input checked="" type="checkbox"/> TR475_ID15614_6_G
14.40	2.65	ESM IT.SLO..HGE.D.20161026.191806.C.ACC.ASC	Condizione 7	<input checked="" type="checkbox"/> TR475_ID15614_7_G

Per proseguire con l'elaborazione è inoltre indispensabile stabilire una sismo stratigrafia di input, che tenga conto delle caratteristiche del volume di terreno che potrebbe innescare probabile amplificazione del segnale.

Dall'elaborazione congiunta delle indagini sismiche Esac_masw e dai dati bibliografici sulle stratigrafie profonde note in zona, si può ipotizzare il seguente profilo sismo stratigrafico:

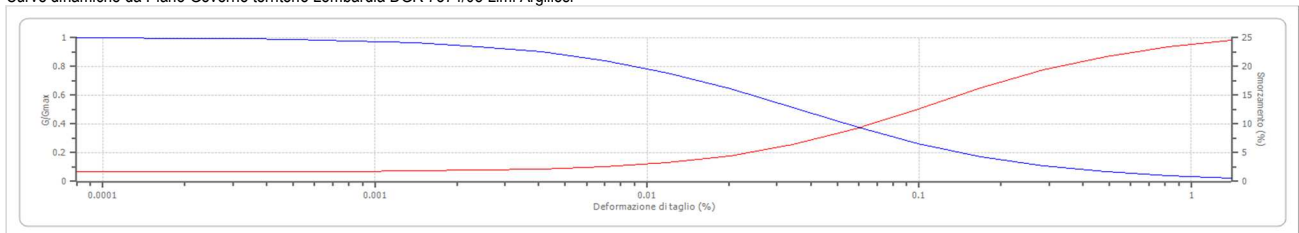
Modello sismo stratigrafico utilizzato

n° strato da pc	Sismo da pc	Prof. base sismo strato (m) da pc	Spessore sismo strato (m)	V _s (m/s)	peso volume (KN/mc)	Natura prevalente presumibile del terreno
1		1.5	1.5	160	17.5	Terreno naturale argilloso (con riporti)
2		10.5	9	180	18	Alternanze argillose
3		23.5	13	230	18	Alternanze di Argille
4		35	11.5	280	18	Orizzonte argilloso
5		39	4	440	18.5	Livello di sabbia
6		85	46	420	19	Strato di Argilla
7		90	5	580	19	Livello di sabbia
8		160	70	470	19.5	Strato di Argilla
9		>160	∞	720	20	Prob. Sub-strato

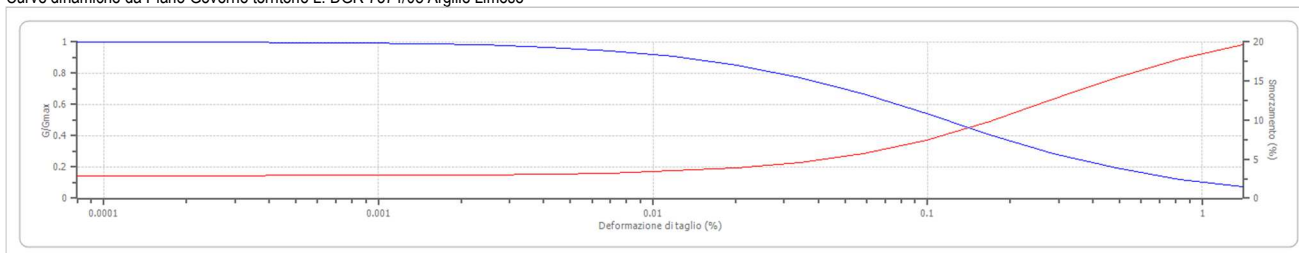
Per i singoli sismo strati in relazione alla componente litologica prevalente o predominante sono state utilizzate per la simulazione di comportamento dinamico le curve di decadimento del modulo di rigidezza G e di smorzamento (damping D) in funzione della deformazione percentuale (y), in particolare:

Sismo strato da pc	Shear-modulus reduction & Damping model
1	Curve limo-argilloso DGR7374/08
2	Curve argilla limosa DGR7374/08
3	Curve argilla limosa DGR7374/08
4	Curve Idriss (1990) Clay
5	Curve EPRI Sand prof. 36.88/76.2 m
6	Curve Idriss (1990) Clay
7	Curve EPRI Sand prof. 76.5/152.4 m
8	Curve EPRI Rock prof. 76.5/152.4 m
9	Bedrock presunto (smorzamento critico iniziale considerato =1%)

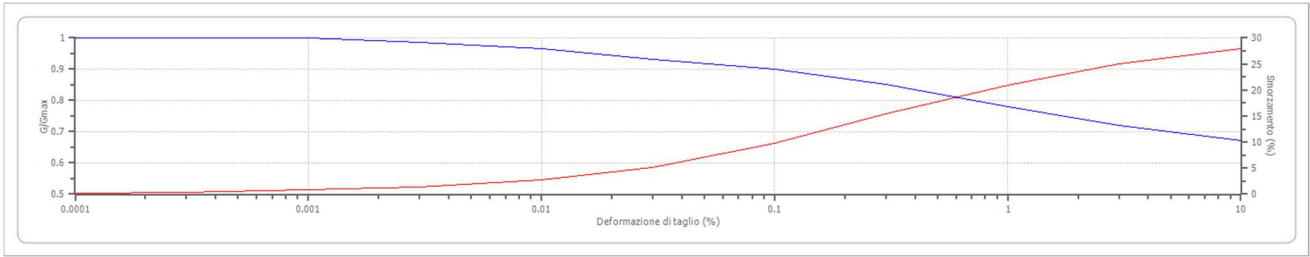
Curve dinamiche da Piano Governo territorio Lombardia DGR 7374/08 Limi Argillosi



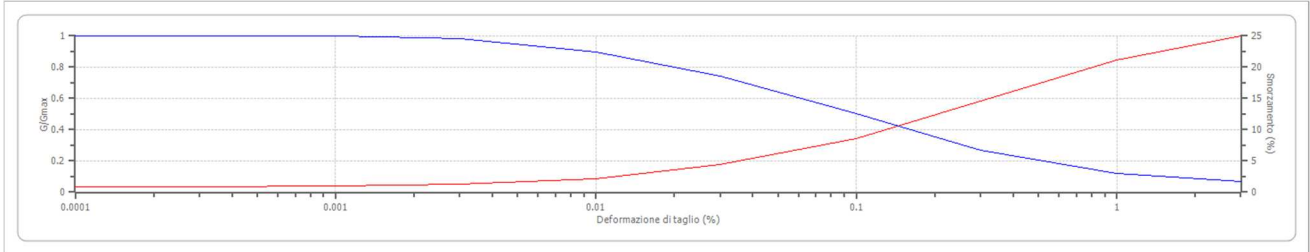
Curve dinamiche da Piano Governo territorio L. DGR 7374/08 Argille Limose



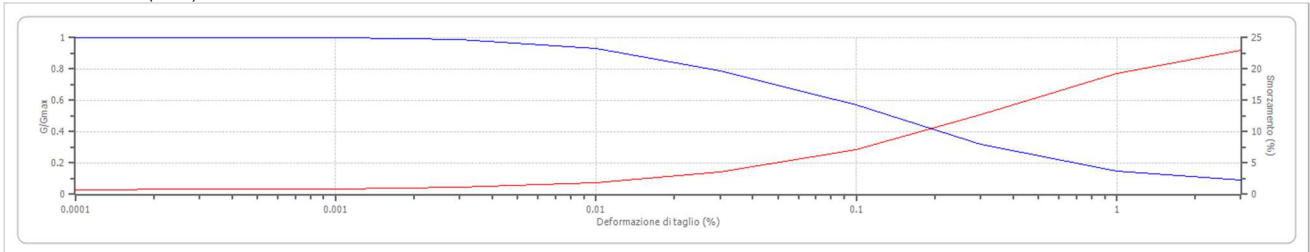
Curve Idriss (1990) Clay



Curve EPRI Sand (1993) 36.88/76.2 m



Curve EPRI Sand (1993) 76.5/152.4 m



Curve EPRI Rock (1993) 76.5/152.4 m

Come da DGR 476-564/21 lo sviluppo della Risposta Sismica Locale è stata impostata con input sismico partendo da 7 accelerogrammi, spettro compatibili riferiti allo stato limite considerato, cioè SLV e tempo di ritorno di 475 anni, come da All. A4 DGR 476.

Per il sito in oggetto dai Parametri indipendenti da Localizzazione geografica:

Valori finali calcolati per SLV e Classe d'uso: II (come da prog. Spettri-NTC ver.1.0.3 da sito cslp.it "Consiglio Superiore lavori Pubblici - area Azioni sismiche spettri di risposta"):

Probabilità di superamento: 10 %

SLATO LIMITE	T_R [anni]	a_g [g]	F_0 [-]	T_C^* [s]
SLO	30	0.043	2.503	0.250
SLD	50	0.055	2.503	0.266
SLV	475	0.155	2.581	0.270
SLC	975	0.207	2.525	0.278

Da All. 4 (Servizio Geologico, Sismico e dei Suoli E. R.) tab. 2 il valore di Accelerazione max orizzontale di picco al suolo, (per $T=0$) in funzione della acc. di gravità, per il comune di Carpi indica un valore $A_{ref}=0.154$, che quindi è stato assunto per le verifiche di Risposta Sismica Locale numerica sviluppate.

La non linearità del calcolo è legata alla dipendenza dal modulo di deformazione al taglio e dal coefficiente di smorzamento viscoso dalla deformazione di ogni strato.

In particolare, per quanto riguarda la risposta sismica dei depositi, l'approccio visco-elastico lineare equivalente rappresenta un valido compromesso tra semplificazione delle analisi ed accuratezza dei risultati. La strategia consiste sostanzialmente nel fare riferimento alle soluzioni visco-elastiche lineari per la propagazione delle onde sismiche adeguando in modo iterativo i parametri costitutivi in funzione del livello deformativo indotto dal moto sismico nel terreno.

Tale modello lineare equivalente, studia il comportamento tra tensione e deformazione del terreno basandosi sul modello di Kelvin-Voigt, illustrato in Fig. 2. La tensione τ dipende dalla deformazione γ e dalla sua derivata $\dot{\gamma}$, secondo la relazione:

$$\tau = G\gamma + \eta\dot{\gamma}$$

dove:

- G = Modulo di taglio
- η = viscosità del mezzo

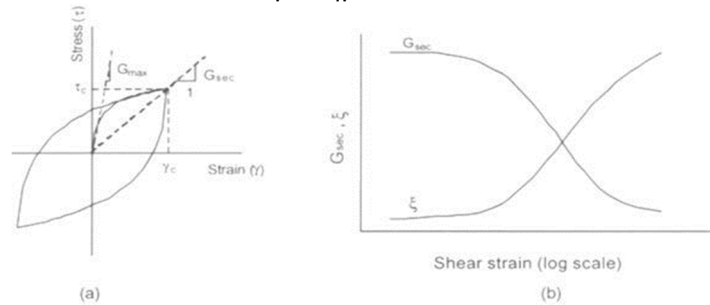


Fig. 2a: Modello lineare equivalente: (a) curve tensioni-deformazioni; (b) variazione del modulo

La descrizione del comportamento meccanico dei terreni nei confronti dei carichi ciclici non può peraltro prescindere dalla dissipazione intrinseca di energia che si verifica durante i cicli di carico-scarico

In definitiva la risposta non lineare del terreno tramite il modello viscoelastico lineare equivalente viene riassunta mediante delle curve di riduzione del modulo di taglio e di incremento del rapporto di smorzamento.

L'approccio utilizzato per la soluzione visco-elastica lineare all'interno dell'i-esimo ciclo iterativo utilizza il metodo degli elementi finiti.

In particolare, il deposito di terreno viene discretizzato mediante una "mesh" di elementi finiti piani che possono avere forma quadrangolare o rettangolare a seconda dei casi e caricato mediante un'accelerazione alla base dello stesso (bedrock).

Schematicamente la procedura è riassumibile secondo un procedimento iterativo nel seguente modo:

1. definizione di curve $G = G(\gamma)$ e $D = D(\gamma)$ per i diversi strati
2. inizializzazione dei valori del modulo di taglio e del fattore di smorzamento ai livelli di piccole deformazioni (G_0 e D_0)
3. calcolo della risposta dinamica del suolo e valutazione della deformazione massima a taglio in ogni strato (γ_1)
4. aggiornamento dei valori $G_1 = G(\gamma_1)$ e $D_1 = D(\gamma_1)$
5. iterazione dei passi 3 e 4 fino a convergenza ($\gamma_i - 1 \sim \gamma_i$)

I risultati della analisi condotte con il codice di calcolo LSR 2D (Local Sismic Response 2D) Ver. 5.0.11 di STACEC, elaborati nel dominio del tempo e delle frequenze, hanno consentito di definire per il sito in esame:

1. Gli accelerogrammi di output;
2. Il profilo di variazione dell'accelerazione con la profondità;
3. Lo spettro di risposta elastico in pseudoaccelerazione (PSA); gli spettri rappresentati sono ottenuti come mediana dei valori degli spettri di tutti i segnali sismici in output;
4. Il fattore di amplificazione in termini di picco di accelerazione (FA_{PGA}), definito come il rapporto tra l'accelerazione massima in superficie ed il valore di riferimento per il sito su suolo rigido;
5. I fattori di amplificazione di sito in termini di rapporto tra intensità dello spettro di risposta in accelerazione (FA) calcolato in superficie e quello calcolato su suolo rigido negli intervalli di periodo 0.1-0.5 s, 0.4-0.8 s, 0.5-1.5 e 0.7-1.1 s;
6. I fattori di amplificazione di sito in termini di rapporto tra intensità dello spettro di risposta in velocità (FH) calcolato in superficie e quello calcolato su suolo rigido negli intervalli di periodo 0.1-0.5 s, 0.5-1.0 s e 0.5-1.5 s.

Tali fattori di amplificazione (o intensità spettrale) in accelerazione (SA) e velocità (SI), sono elaborati dal programma, direttamente con calcolo di confronto ed integrando, l'intensità spettrale media di risposta in accelerazione-velocità, in input con quella ottenuta in output, per i diversi intervalli di periodo T sopra esposti.

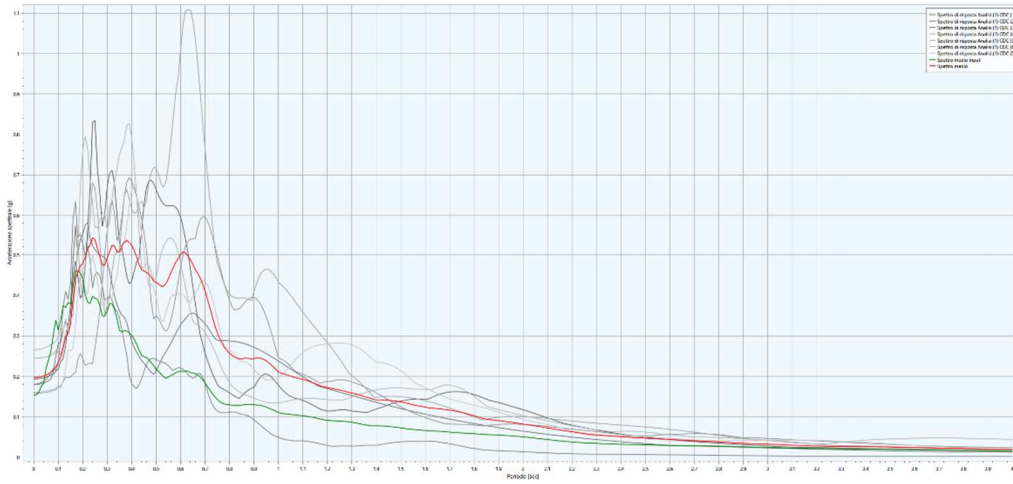


Fig. 3 – Confronto tra lo spettro in accelerazione in input (colore verde) e lo spettro medio in accelerazione in output (colore rosso)

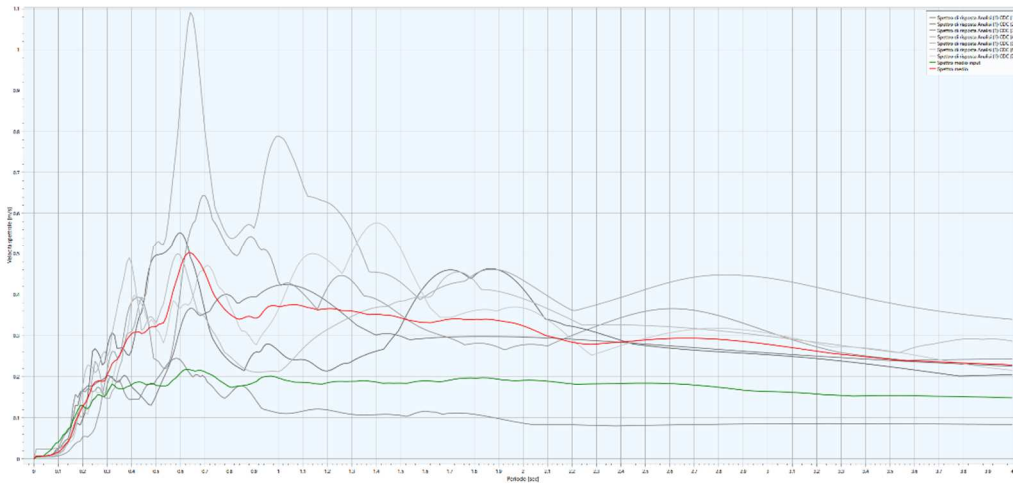


Fig. 3a – Confronto tra lo spettro in velocità in input (colore verde) e lo spettro medio in velocità in output (colore rosso)

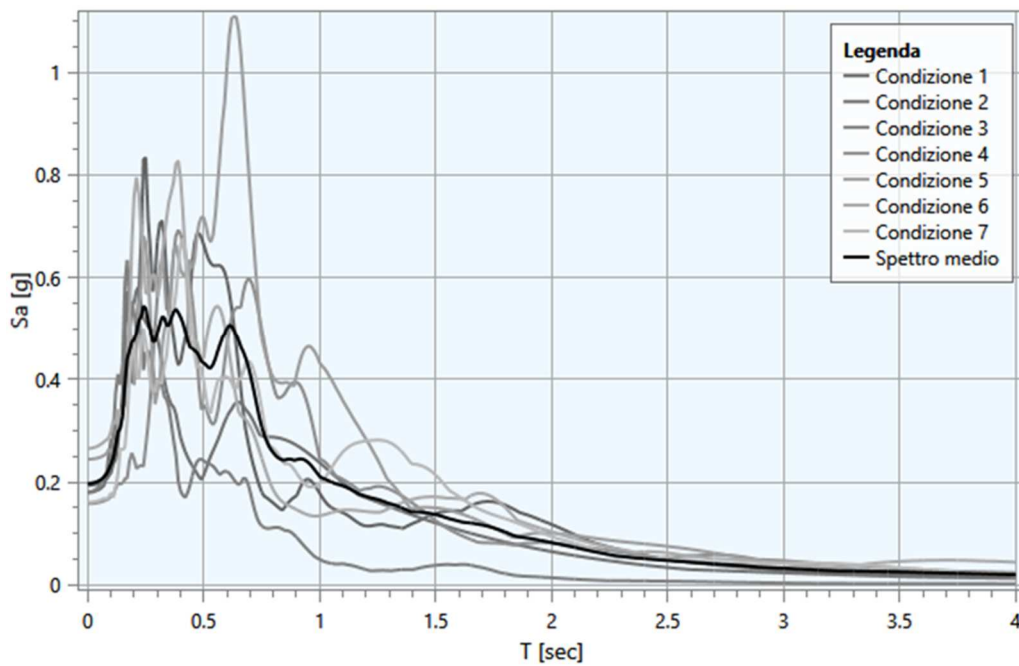


Fig. 4 – Accelerazione spettrale media output a confronto con le accelerazioni dei singoli accelerogrammi utilizzati

Risultati da sviluppo RSL mediante programma specifico (LSR 2D (Local Sismic Response 2D) Ver. 5.0.5 di STACEC).

Modellazione monodimensionale, metodo degli elementi finiti, dominio del tempo, tensioni totali, utilizzando il metodo lineare equivalente, tenendo conto della deformabilità del substrato.

Dai dati esposti inseriti nel codice di calcolo utilizzato, si ottengono i valori di accelerazione del seguente spettro di risposta del sito:

Spettro risposta da RSL III Livello approfondimento stato limite SLV $T_R=475$ anni

T (s)	Ag	T (s)	Ag	T (s)	Ag	T (s)	Ag	T (s)	Ag	T (s)	Ag	T (s)	Ag	T (s)	Ag	T (s)	Ag
0	0.197629	0.51	0.428022	1.01	0.208364	1.51	0.135703	2.01	0.081417	2.51	0.047177	3.01	0.032586	3.51	0.025337		
0.01	0.197838	0.52	0.423019	1.02	0.206329	1.52	0.134427	2.02	0.080474	2.52	0.046794	3.02	0.032344	3.52	0.025229		
0.02	0.198468	0.53	0.422142	1.03	0.204411	1.53	0.133057	2.03	0.079537	2.53	0.046496	3.03	0.032096	3.53	0.025118		
0.03	0.199535	0.54	0.429107	1.04	0.202375	1.54	0.131603	2.04	0.078611	2.54	0.04619	3.04	0.03184	3.54	0.025006		
0.04	0.201065	0.55	0.44041	1.05	0.200524	1.55	0.130077	2.05	0.077681	2.55	0.045868	3.05	0.031577	3.55	0.024893		
0.05	0.20308	0.56	0.45505	1.06	0.198523	1.56	0.128717	2.06	0.07674	2.56	0.045531	3.06	0.031312	3.56	0.024778		
0.06	0.20595	0.57	0.468632	1.07	0.196648	1.57	0.1276	2.07	0.075782	2.57	0.045182	3.07	0.031043	3.57	0.024661		
0.07	0.210024	0.58	0.481345	1.08	0.19555	1.58	0.126413	2.08	0.074813	2.58	0.044891	3.08	0.030768	3.58	0.024545		
0.08	0.215278	0.59	0.490721	1.09	0.194265	1.59	0.125231	2.09	0.073833	2.59	0.0446	3.09	0.030514	3.59	0.024433		
0.09	0.223779	0.6	0.501223	1.1	0.192686	1.6	0.124079	2.1	0.072842	2.6	0.044299	3.1	0.030256	3.6	0.024321		
0.1	0.235188	0.61	0.506749	1.11	0.190951	1.61	0.12289	2.11	0.071845	2.61	0.043991	3.11	0.030003	3.61	0.024207		
0.11	0.247679	0.62	0.504939	1.12	0.188967	1.62	0.122035	2.12	0.070851	2.62	0.043693	3.12	0.029758	3.62	0.024094		
0.12	0.271461	0.63	0.496678	1.13	0.186819	1.63	0.121355	2.13	0.069855	2.63	0.043384	3.13	0.029521	3.63	0.02398		
0.13	0.29735	0.64	0.487595	1.14	0.184465	1.64	0.121062	2.14	0.068858	2.64	0.043065	3.14	0.029294	3.64	0.023865		
0.14	0.305115	0.65	0.47615	1.15	0.182029	1.65	0.120605	2.15	0.067863	2.65	0.042743	3.15	0.029103	3.65	0.02375		
0.15	0.327749	0.66	0.463505	1.16	0.179498	1.66	0.119986	2.16	0.066875	2.66	0.04242	3.16	0.028913	3.66	0.023634		
0.16	0.389423	0.67	0.454453	1.17	0.177024	1.67	0.119217	2.17	0.065922	2.67	0.042089	3.17	0.028719	3.67	0.023517		
0.17	0.440537	0.68	0.442487	1.18	0.175408	1.68	0.11838	2.18	0.065029	2.68	0.041749	3.18	0.028522	3.68	0.0234		
0.18	0.456546	0.69	0.427957	1.19	0.173932	1.69	0.117587	2.19	0.064141	2.69	0.041394	3.19	0.028322	3.69	0.023283		
0.19	0.472596	0.7	0.410366	1.2	0.172521	1.7	0.116753	2.2	0.06326	2.7	0.041122	3.2	0.02812	3.7	0.023166		
0.2	0.478517	0.71	0.390163	1.21	0.171055	1.71	0.1158	2.21	0.062388	2.71	0.040839	3.21	0.027915	3.71	0.023048		
0.21	0.492455	0.72	0.369023	1.22	0.169709	1.72	0.114728	2.22	0.061523	2.72	0.040542	3.22	0.027708	3.72	0.022923		
0.22	0.514683	0.73	0.347161	1.23	0.168661	1.73	0.113561	2.23	0.06067	2.73	0.04023	3.23	0.027499	3.73	0.022811		
0.23	0.52456	0.74	0.32533	1.24	0.167634	1.74	0.112301	2.24	0.059829	2.74	0.039971	3.24	0.027369	3.74	0.022692		
0.24	0.544738	0.75	0.30737	1.25	0.166419	1.75	0.110931	2.25	0.059013	2.75	0.039734	3.25	0.027275	3.75	0.022573		
0.25	0.539916	0.76	0.293342	1.26	0.164985	1.76	0.109457	2.26	0.05821	2.76	0.039482	3.26	0.027204	3.76	0.02246		
0.26	0.514768	0.77	0.281428	1.27	0.163439	1.77	0.107887	2.27	0.057418	2.77	0.039215	3.27	0.027169	3.77	0.022352		
0.27	0.496014	0.78	0.270629	1.28	0.161767	1.78	0.106272	2.28	0.056689	2.78	0.038934	3.28	0.027133	3.78	0.022242		
0.28	0.474714	0.79	0.263303	1.29	0.159907	1.79	0.104622	2.29	0.056211	2.79	0.03864	3.29	0.027094	3.79	0.022131		
0.29	0.474472	0.8	0.257099	1.3	0.158597	1.8	0.102883	2.3	0.055726	2.8	0.038332	3.3	0.027051	3.8	0.02202		
0.3	0.491965	0.81	0.251684	1.31	0.157237	1.81	0.101063	2.31	0.055228	2.81	0.03801	3.31	0.027004	3.81	0.021907		
0.31	0.507658	0.82	0.247528	1.32	0.155872	1.82	0.099171	2.32	0.054718	2.82	0.037676	3.32	0.026953	3.82	0.021794		
0.32	0.523331	0.83	0.24504	1.33	0.154317	1.83	0.097214	2.33	0.054194	2.83	0.037329	3.33	0.026896	3.83	0.02168		
0.33	0.521709	0.84	0.242918	1.34	0.152555	1.84	0.095567	2.34	0.053654	2.84	0.036971	3.34	0.026835	3.84	0.021565		
0.34	0.506852	0.85	0.24299	1.35	0.150606	1.85	0.094319	2.35	0.0531	2.85	0.036601	3.35	0.026771	3.85	0.021449		
0.35	0.506805	0.86	0.244497	1.36	0.148546	1.86	0.093543	2.36	0.052612	2.86	0.036221	3.36	0.026702	3.86	0.021346		
0.36	0.520602	0.87	0.244773	1.37	0.146825	1.87	0.09288	2.37	0.052268	2.87	0.035832	3.37	0.026629	3.87	0.021245		
0.37	0.532599	0.88	0.244154	1.38	0.144934	1.88	0.092229	2.38	0.051914	2.88	0.035435	3.38	0.026551	3.88	0.021144		
0.38	0.538556	0.89	0.242664	1.39	0.142896	1.89	0.091578	2.39	0.05155	2.89	0.035037	3.39	0.02647	3.89	0.021043		
0.39	0.532033	0.9	0.243744	1.4	0.142128	1.9	0.090882	2.4	0.051175	2.9	0.034768	3.4	0.026386	3.9	0.020941		
0.4	0.523037	0.91	0.244969	1.41	0.142088	1.91	0.090142	2.41	0.05079	2.91	0.03458	3.41	0.026303	3.91	0.020838		
0.41	0.511594	0.92	0.245261	1.42	0.141939	1.92	0.089363	2.42	0.050395	2.92	0.03442	3.42	0.026219	3.92	0.020735		
0.42	0.495208	0.93	0.244246	1.43	0.141701	1.93	0.08855	2.43	0.049988	2.93	0.034248	3.43	0.026132	3.93	0.020632		
0.43	0.476709	0.94	0.241885	1.44	0.141421	1.94	0.087704	2.44	0.049571	2.94	0.034068	3.44	0.026042	3.94	0.020529		
0.44	0.46357	0.95	0.238386	1.45	0.141	1.95	0.086848	2.45	0.049142	2.95	0.033882	3.45	0.025949	3.95	0.020425		
0.45	0.460393	0.96	0.234008	1.46	0.140439	1.96	0.085972	2.46	0.048816	2.96	0.033687	3.46	0.025853	3.96	0.020321		
0.46	0.456681	0.97	0.228599	1.47	0.139736	1.97	0.085105	2.47	0.048532	2.97	0.033482	3.47	0.025754	3.97	0.020217		
0.47	0.452707	0.98	0.222817	1.48	0.1389	1.98	0.084214	2.48	0.048225	2.98	0.033269	3.48	0.025653	3.98	0.020113		
0.48	0.445209	0.99	0.2168	1.49	0.13794	1.99	0.083298	2.49	0.047897	2.99	0.033046	3.49	0.02555	3.99	0.020009		
0.49	0.43473	1	0.210641	1.5	0.136879	2	0.082364	2.5	0.047546	3	0.03282	3.5	0.025444	4	0.019905		
0.5	0.431976																

Come sopra accennato il programma di calcolo numerico utilizzato (LSR 2D Ver. 5.0.5 della STACEC), consente di ottenere come previsto da all. 2 DGR 476-564/2021, la stima di:

1. Il fattore di amplificazione in termini di picco di accelerazione (FA_{PGA}), per un $T_R=475$ anni e smorzamento $\zeta=5\%$

2. I fattori di amplificazione in Intensità spettarle di sito in termini di rapporto tra intensità dello spettro di risposta in accelerazione calcolato in superficie e quello calcolato su suolo rigido negli intervalli di periodo 0.1-0.5 s, 0.4-0.8 s, 0.5-1.5 e 0.7-1.1 s;

$$SA = \int_{T_1}^{T_2} A(T, \zeta) dT$$

3. I fattori di amplificazione in Intensità spettrale di sito in termini di rapporto tra intensità dello spettro di risposta in velocità calcolato in superficie e quello calcolato su suolo rigido negli intervalli di periodo 0.1-0.5 s, 0.5-1.0 s e 0.5-1.5 s.

$$SI = \int_{T_1}^{T_2} V(T, \zeta) dT$$

Risultati

La parametrizzazione dello spettro di risposta ottenuto nel punto di controllo alla superficie (P), viene condotta mediante la procedura suggerita dagli "Indirizzi e criteri per la Microzonazione Sismica" (GdL MS, 2008 – parti I e II – punto 2.5.4.3.1 pag. 92). Partendo dallo spettro di risposta medio in accelerazione rappresentativo dei 7 accelerogrammi, tale procedura prevede:

- l'individuazione del periodo per il quale è massimo il valore dello spettro in accelerazione (TA);
- il calcolo del valor medio dello spettro in accelerazione (SA) nell'intorno tra $0.5 TA - 1.5 TA$;
- l'individuazione del periodo per il quale è massimo il valore dello spettro in pseudovelocità (TV);
- il calcolo del valor medio dello spettro in pseudovelocità (SV) nell'intorno tra $0.8 TV - 1.2 TV$;
- il calcolo del valore di $T_c = 2\pi \frac{SV}{SA}$;
- il calcolo del valore di $T_b = 1/3 T_c$;
- il calcolo del valore $T_d = 4 a_g + 1.6$ con a_g uguale al valore di accelerazione a T uguale a zero;
- l'applicazione delle equazioni riportate nelle Norme Tecniche per le Costruzioni (NTC 2018) per la determinazione dei tratti dello spettro tra T_0, T_b, T_c, T_d, T_4 .

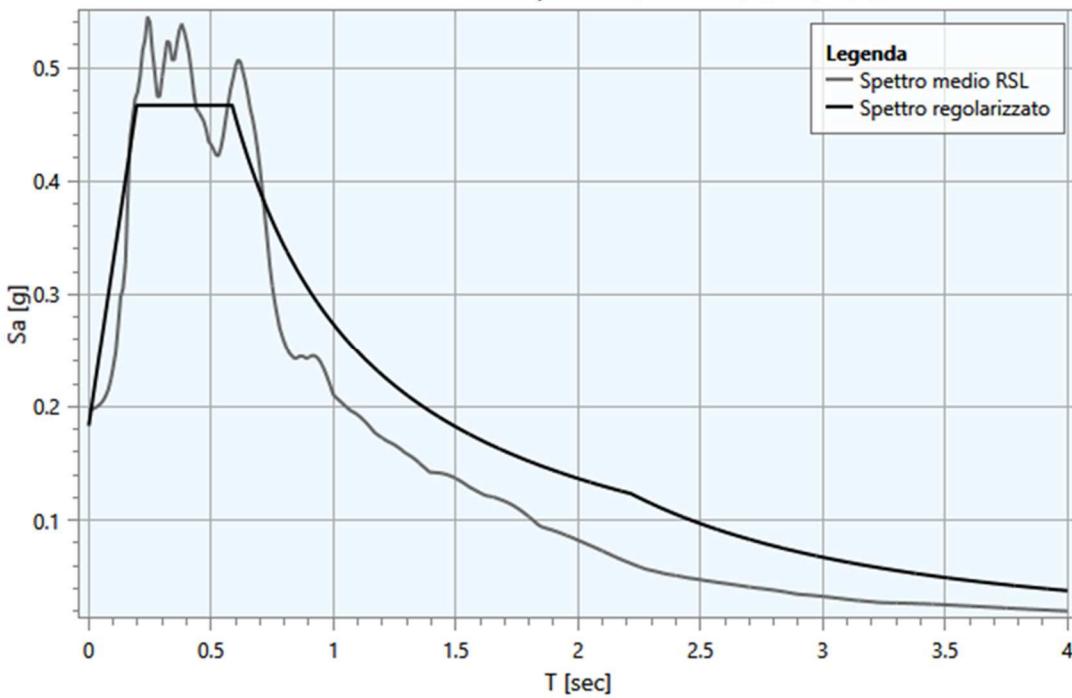


Fig. 5 – Normalizzazione dello spettro medio secondo la procedura sopra esposta.

Parametri della "Normalizzazione" dello spettro output ottenuto da RSL numerica:

Punto di controllo	A_g [g]	F0	S	A_{max} [g]	T_b [sec]	T_c [sec]	T_d [sec]
P	0.154	2.545	1.191	0.183	0.195	0.586	2.216

dove:

- A_g : accelerazione orizzontale massima al sito;
- F0 : valore massimo dello spettro in accelerazione orizzontale;
- S : coefficiente che tiene conto degli effetti di amplificazione (stratigrafici e/o topografici);
- A_{max} : punto di ancoraggio a T=0 dello spettro di output normalizzato;
- T_b : periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante;
- T_c : periodo corrispondente all'inizio del tratto dello spettro a velocità costante;
- T_d : periodo corrispondente all'inizio del tratto dello spettro a spostamento costante.

Di seguito vengono riportati, per ogni analisi, i parametri degli spettri utilizzati nella area oggetto di studio.

1. In relazione al valore di accelerazione a T=0 emerso dall'analisi di RSL III livello di approfondimento, eseguito per il sito in esame e sopra esposto in dettaglio, si evince che il fattore FA_{PGA} per stato SLV TR= 475, in funzione della accelerazione a_{g0} (g) attesa al suolo rigido, come da tab. 2 il valore di Accelerazione max orizzontale di picco al suolo, (per T=0) in funzione della acc. di gravità, per il comune di Carpi sopra esposto, corrisponde a $FA_{PGA} = 1,28$.

2. Intensità spettrale **SA**:

Fattore di amplificazione	Intervallo di Periodo T(s)	Valore calcolato da elaborazione RSL numerica
FA_{SA}	0.1-0.5	1.35
FA_{SA}	0.4-0.8	2.09
FA_{SA}	0.7-1.1	1.98
FA_{SA}	0.5-1.5	2.02

3. Intensità spettrale **SI**:

Fattore di amplificazione	Intervallo di Periodo T(s)	Valore calcolato da elaborazione RSL numerica
FA_{SI}	0.1-0.5	1.38
FA_{SI}	0.5-1.0	1.99
FA_{SI}	0.5-1.5	1.95

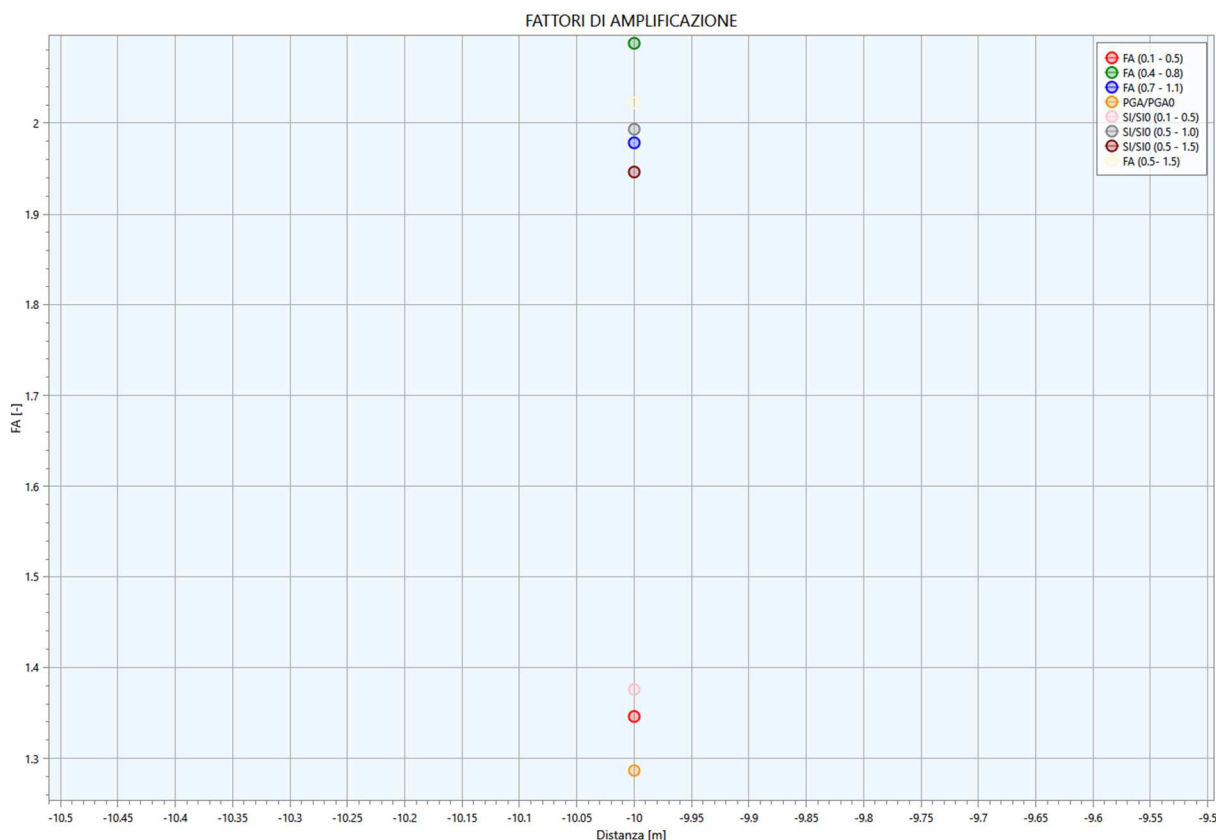


Fig. 6 – Restituzione grafica del software Stacec del calcolo eseguito sugli intervalli di periodo indicati, dall’analisi dello spettro in accelerazione input e output (fig. 3) e velocità input-output (fig. 3a) da cui si sono ottenuti i fattori di amplificazione FSA e FSI esposti in tabella ed il valore di FA_{PGA}

Oltre i fattori di amplificazione descritti come previsto da DGR 476-564/21 è stato individuato il valore numerico dello scuotimento atteso assoluto al sito in analisi, (H_{SM} , in cm/s^2 o frazioni di g), che si ottiene dal prodotto del parametro “Acceleration Spectrum Intensity” (ASI) per l’intervallo di periodo 0.1/0.5sec, successivamente diviso per ΔT (0,4 s) e moltiplicato per il fattore di amplificazione (FA_{SA}) ottenuto per l’intervallo del periodo di interesse.

$$H_{SM} = \frac{ASI_{UHS}}{\Delta T} \times FA$$

I valori del termine $ASI_{UHS}/\Delta T$, si ottengono dalla griglia INGV, disponibile alla pagina web del Servizio Geologico Sismico e dei Suoli della RER di cui uno stralcio per l’area di Carpi, è sotto indicata in Fig. 7.



Fig. 7 – Griglia dei punti INGV di $ASI_{UHS}/\Delta T$ per la zona di Carpi.

Come evidenziato in fig. 7 sono presenti 2 punti della griglia INGV di cui uno a N dell'abitato e 1 a sud, (pallini rossi indicati da freccia rossa di fig. 7). La zona in analisi (freccia gialla), si trova in posizione quasi \pm equidistante, fra i 2 punti della griglia INGV, quindi il valore di base ASI è stato ottenuto per interpolazione grafica .

I valori del parametro $ASI_{UHS}/\Delta T$ sopra esposto, si ottengono dall'elaborato INGV fornito ed in dicato in DGR 564/21, per $T_R=475$ anni (prob. superamento 10%) e periodo 0,1/0,5.

Per gli altri intervalli di periodi richiesti da normativa regionale, sempre in considerazione di un $T_R=475$ anni, sono stati valutati dallo spettro su suolo A prendendo i valori di acc. Spettrale ($Se(T)$) da INGV (Montaldo, Meletti 2007-Valutazione del valore della ordinata spettrale a 1sec e ad altri periodi di interesse ingegneristico-prog. DPC-INGV S1 deliv. D3), in ambito delle analisi della OPCM 3274/2003.

In tale elaborato i valori di accelerazione spettrale fanno riferimento a periodi di 0.1, 0.15, 0.3, 0.4, 0.5, 0.75, 1.5 e 2.0 sec. Per ottenere quelli corrispondenti ai valori necessari per i valori ASI negli intervalli richiesti da norma regionale (vedi intervalli di periodo F_{SA}), si è dovuto quindi operare per interpolazione per ottenere i valori rispettivi ai periodi di 0.7, 0.8 e 1,1 sec.

I risultati ottenuti sono esposti in tabella:

periodo (s)	ASI (cm/sec ²)	FA	H (cm/sec ²)	H (g)	Nome parametro
0,1 - 0,5	338	1.35	456	0.47	H _{SM}
0,4 - 0,8	184	2.09	385	0.39	H ₀₄₀₈
0,7 - 1,1	103	1.98	204	0.21	H ₀₇₁₁
0,5 - 1,5	102	2.02	206	0.21	H ₀₅₁₅

Per il sito in analisi, dalla analisi numerica di Risposta Sismica Locale di sito (mediante impiego di idoneo software sopra indicato) agli elementi finiti, si è ottenuto dallo spettro di output al periodo $T=0$ una PGA corrisponde a :

$$A_{max} = 0.197 \text{ g}$$

Punto 2)

In ambito della valutazione del eventuale potenziale di liquefacibilità dell'area in esame sono state eseguite 3 prove penetrometriche Cpt_U come indicato in Fig. 2 di cui 1 in corrispondenza del settore occidentale dell'area, e le altre 2 ubicate in prossimità del lembo al margine NE di area, che in cartografia della microzonazione comunale viene indicata con possibile suscettibilità per rischio liquefacibilità.

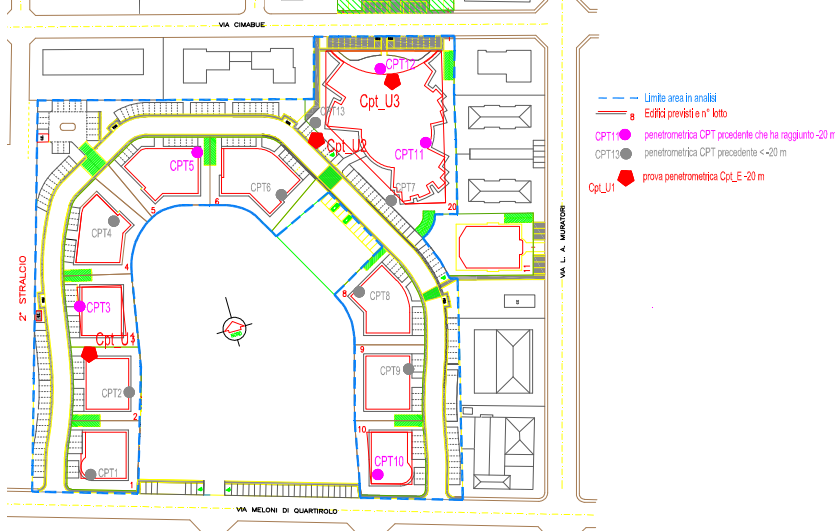


Fig. 8: Ubicazione prove penetrometriche Cpt_U (pentagoni rossi) e prove Cpt precedenti che hanno raggiunto la prof di -20 m (cerchi magenta)

Le prove penetrometriche Cpt_U sono state eseguite con “penetrometro statico-dinamico di tipo olandese”, conforme alla certificazione CE, da 200 kN, mod. TG 63-200, le cui caratteristiche sono sotto esposte.

In relazione alla presenza nell'immediato sottosuolo più prossimo alla superficie, di terreno frammisto a detriti antropici (in alcuni casi anche ghiaia e ciottoli), per evitare possibili danneggiamenti alla punta elettrica del piezocono, sono state preliminarmente predisposte nei punti previsti, piazzole per la eliminazione del materiale frammisto a riporto sino al raggiungimento del terreno senza detrito.



Fig. 9: Punti realizzazione delle Cpt_U e relative piazzole (da sinistra Cpt_U01, Cpt_U02 e Cpt_U03)

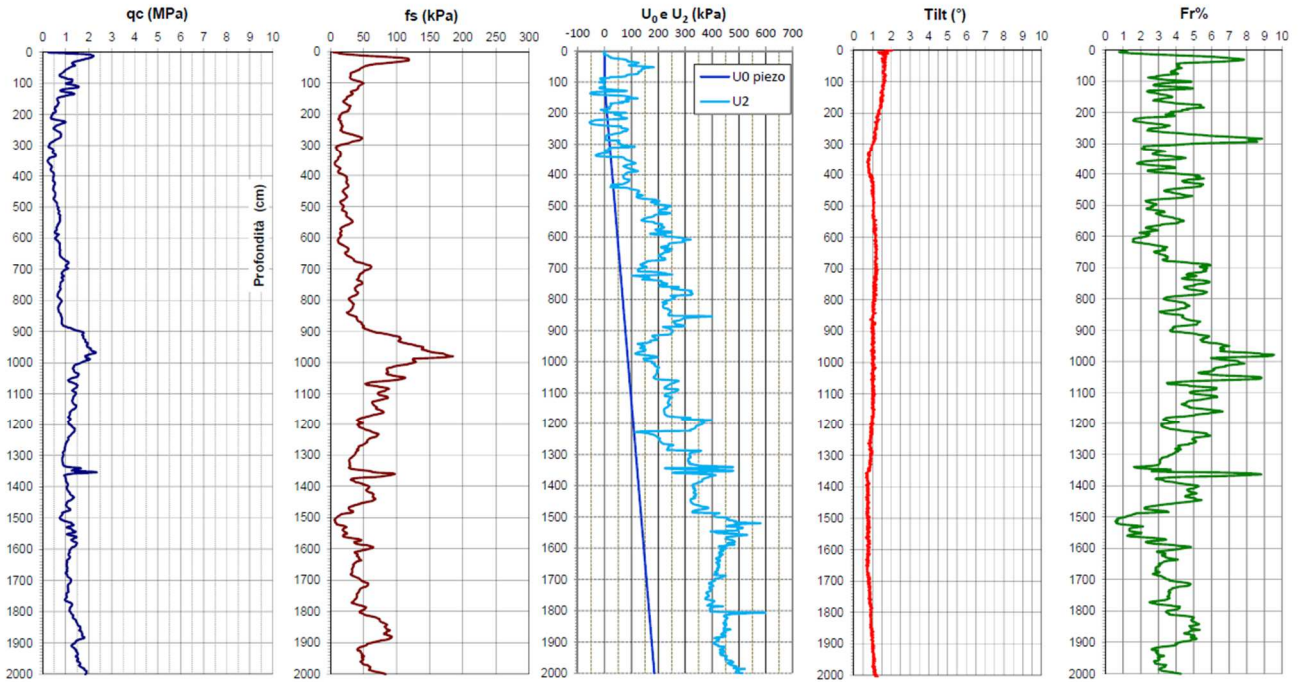
Le schede delle prove Cpt_U riportano come profondità di inizio prova, il pc di fondo piazzola, analogamente la misura del livello di falda, è riferita a tale piano, come sotto riportato:

Prova n°	Prof. piazzola da pc	Rilievo prof falda da fondo piazzola	Prof. tetto falda da PC naturale
Cpt_U 01	-0.9 m	-1.1 m	-2.0 m
Cpt_U 02	-0.7 m	-3.1 m	-3.8 m
Cpt_U 03	0.0 m*	-3.3 m	-3.3 m

*Nel punto di Cpt_U03 è stata predisposta piazzola, ma in funzione della assenza di riporti e/o presenza di terreni prevalentemente argillosi, la prova è stata eseguita da pc naturale.

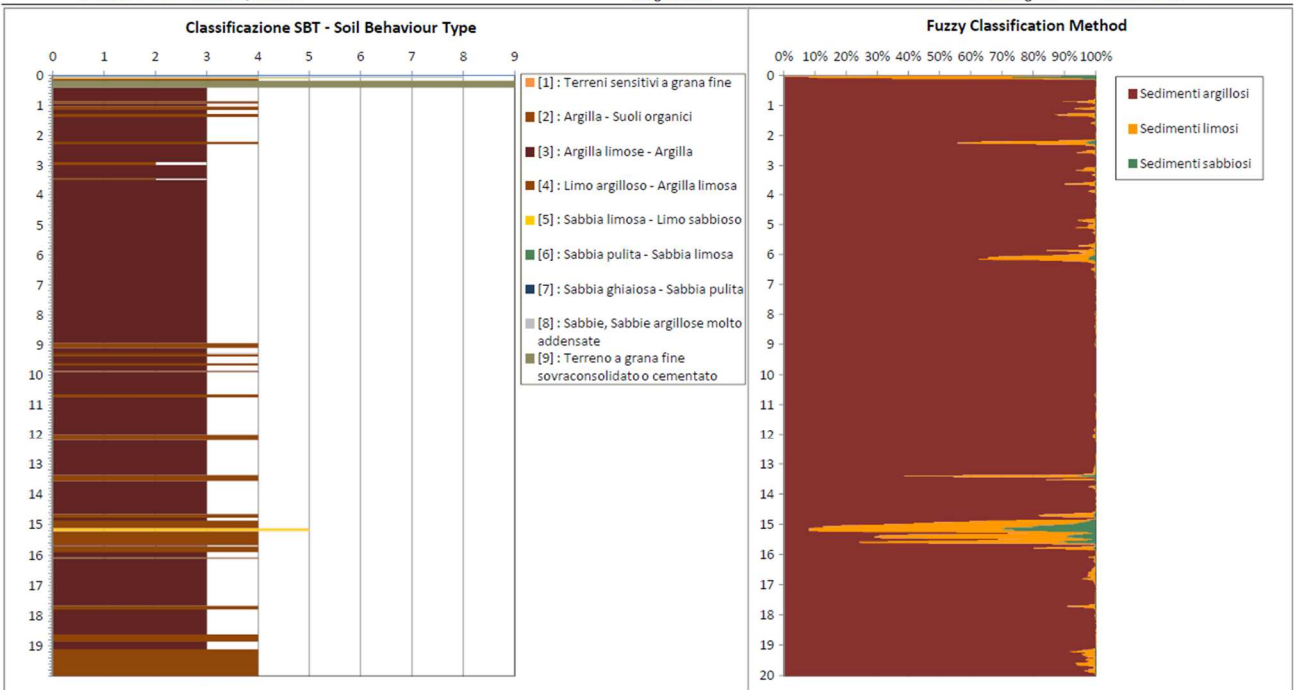
DIAGRAMMI DI RESISTENZA e CLASSIFICAZIONE

Comm.: ANDRIA S. Coop.r.l. - AbitCOOP soc. coop - Effemme Costruzioni Srl Prova: CPTU 1 Livello di Falda : - metri da p.c.
 Località : Carpi (MO) Latitudine: 0 Livello piezometrico: 1.10 metri da p.c.
 Indirizzo : Via Meloni di Quartirolo Longitudine 0 Data di indagine : 10 ottobre 2023



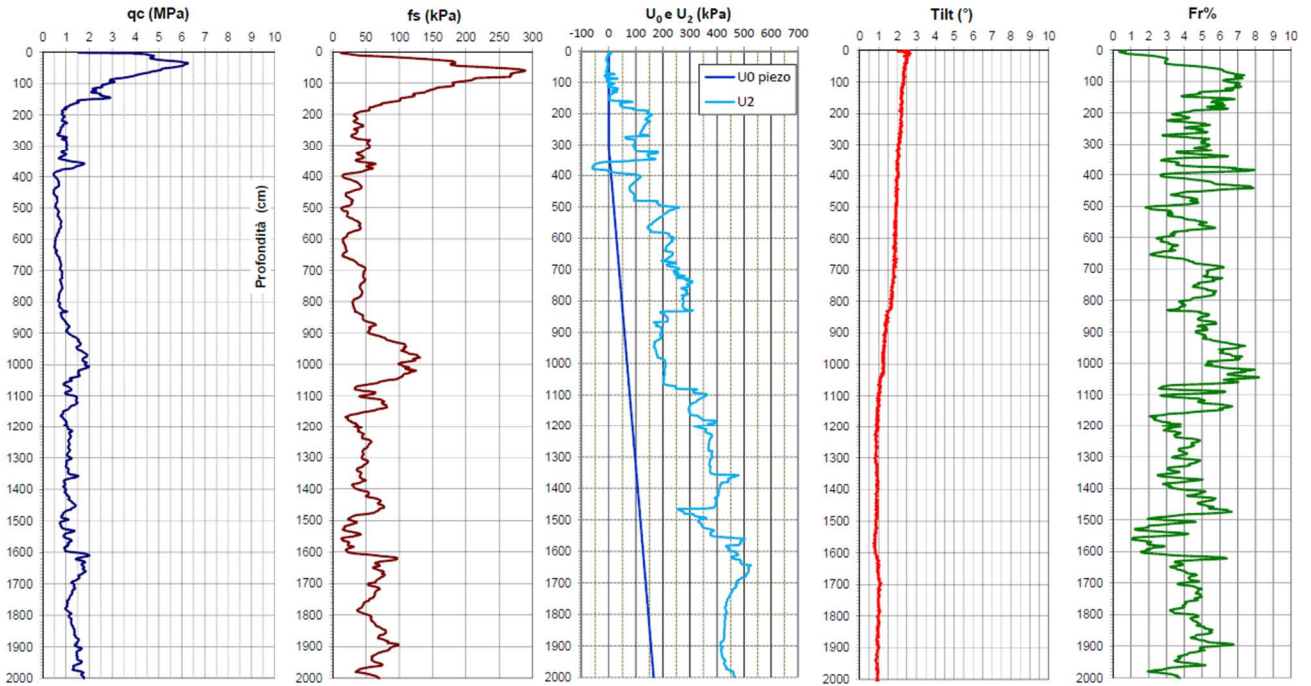
DIAGRAMMI DI CLASSIFICAZIONE LITOLOGICA

Comm.: ANDRIA S. Coop.r.l. - AbitCOOP soc. coop - Effemme Costruzioni Srl Prova: CPTU 1 Livello di Falda : - metri da p.c.
 Località : Carpi (MO) Latitudine: 0 Livello piezometrico: 1.10 metri da p.c.
 Indirizzo : Via Meloni di Quartirolo Longitudine 0 Data di indagine : 10 ottobre 2023



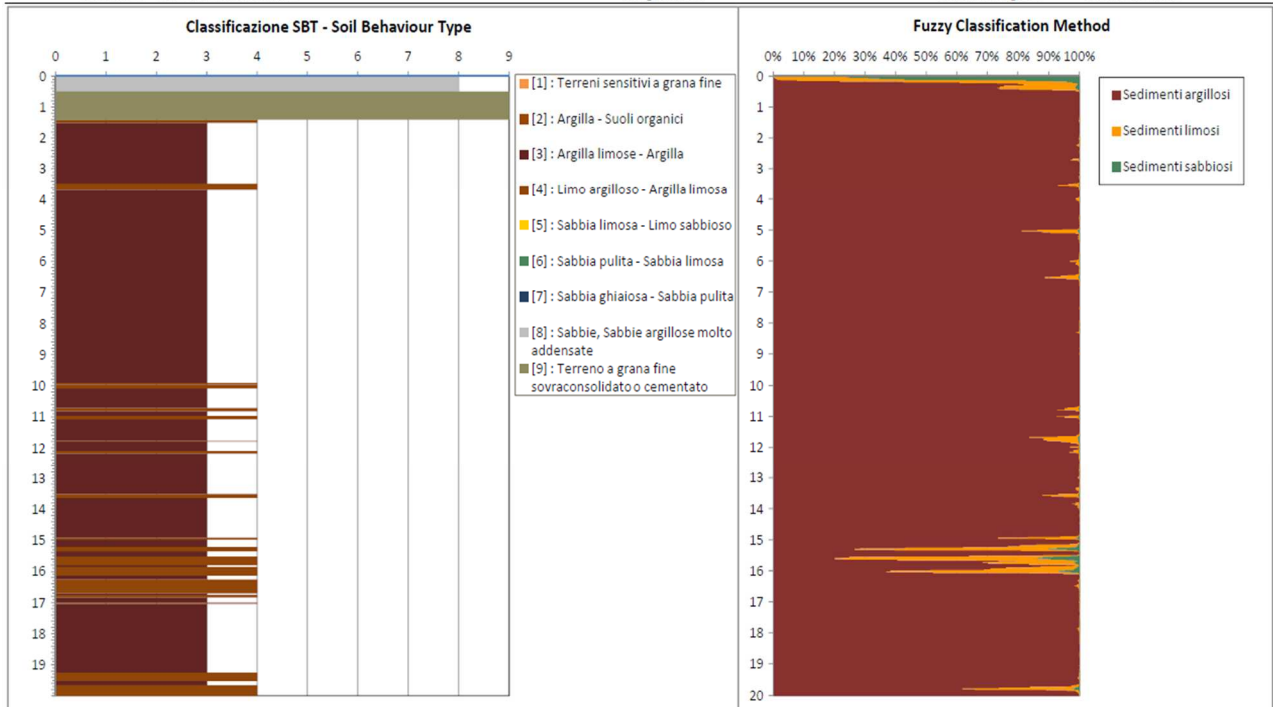
DIAGRAMMI DI RESISTENZA e CLASSIFICAZIONE

Comm.: ANDRIA S. Coop.r.l. - AbitCOOP soc. coop - Effemme Costruzioni Srl	Prova: CPTU 2	Livello di Falda: -	metri da p.c.
Località: Carpi (MO)	Latitudine: 0	Livello piezometrico: 3.10	metri da p.c.
Indirizzo: Via Meloni di Quartirolo	Longitudine: 0	Data di indagine: 10 ottobre 2023	

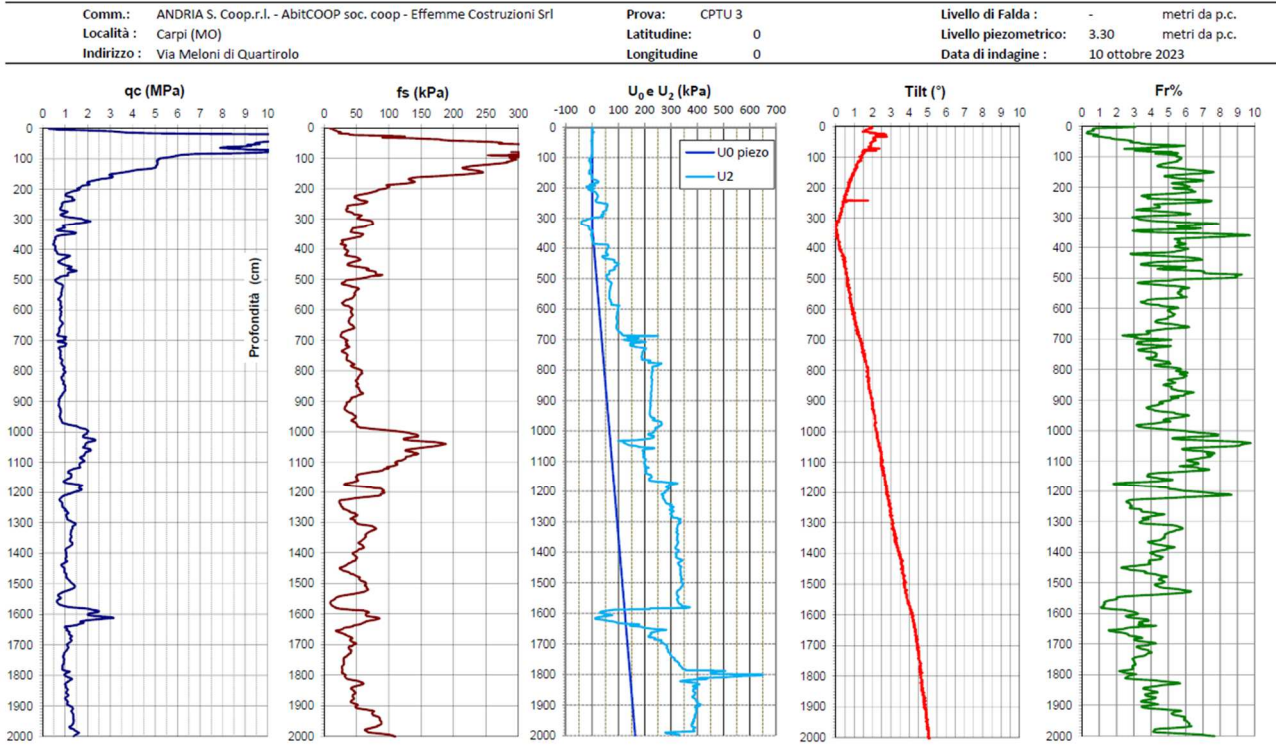


DIAGRAMMI DI CLASSIFICAZIONE LITOLOGICA

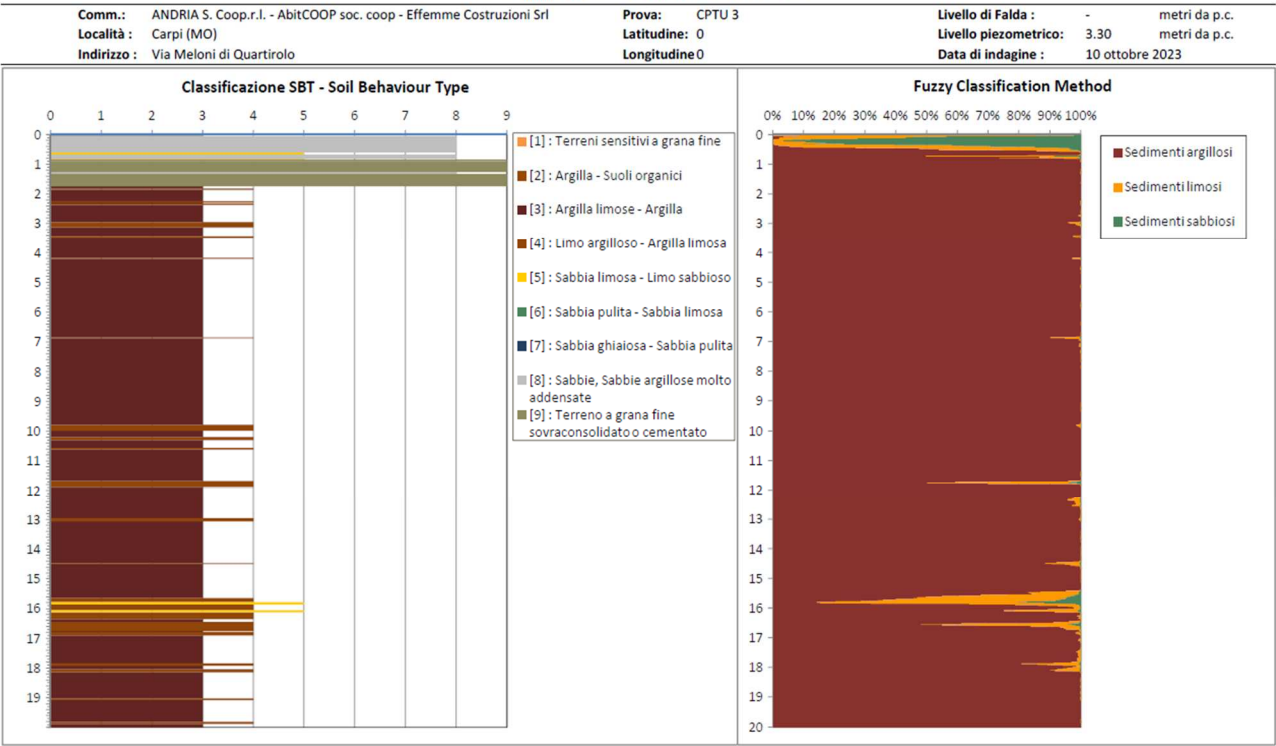
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DIAGRAMMI DI RESISTENZA e CLASSIFICAZIONE



DIAGRAMMI DI CLASSIFICAZIONE LITOLOGICA



Prove Cpt_U

- ◆ 1° log qc (Mpa) = *Resistenza alla punta:*
 - ◆ 2° log fs (KPa) = *Resistenza unitaria ad attrito laterale*
 - ◆ 3° log rapporto U_0 e U_2 (KPa) *Pressioni neutre e Pressione nei pori*
 - ◆ 4° log $Tilt$ ° = *Deviazione inclinometrica dalla verticale.*
 - ◆ 5° Log $FR\%$ = *Rapporto delle Resistenze: $FR = fs/qc \times 100$.*
- (1 MPa \approx 10 Kg/cmq)

In base al rapporto Friction Ratio FR% , al Indice SBT (Soil Behaviour Type) ed alla classificazione Fuzzy (prove CPTU), che consentono di individuare le componenti litologiche dei terreni sondati, è possibile, individuare la successione litostratigrafica dettagliata del sito in analisi (i valori di qc, fs ed U2 sono registrati ogni 2 cm).

Dalla disamina dei diagrammi di classificazione litologica esposti, per ogni punto di prova, si evince che i primi 20 m del sottosuolo dell'area in oggetto, sono costituiti da terreni essenzialmente a comportamento coesivo, con locali sporadiche e sottili intercalazioni lenticolari essenzialmente limose e limo-sabbiose (vedi schede litologica STB e Fuzzy sopra riportate).

La caratterizzazione geomeccanica dei dati estrapolabili dalla registrazione dei valori di qc, fs ed U2, registrati durante l'esecuzione delle penetrometriche a piezocono elettrico, sono consultabili a fine report nelle relative schede allegate, con indicazione delle correlazioni utilizzate, per la stima di ogni parametro geotecnico indicato.

Punto 3, 4 e 5)

Verifica stabilità per suscettività alla liquefazione (come da DGR 476/21)

In relazione a quanto previsto da DGR 476/21 è stata sviluppata l'analisi della suscettività alla liquefazione delle verticali penetrometriche Cpt_U all'uopo eseguite, come indicato e richiesto da normativa suddetta, per le verifiche di III livello di approfondimento.

Inoltre sempre a confronto di quanto indicato-suggerito dalle norme regionali in relazione agli indirizzi degli atti di coordinamento finalizzati agli studi di Microzonazione per la pianificazione Territoriale, nelle verifiche di liquefacibilità che seguono, è stato utilizzato l'approccio di calcolo Idriss&Boulanger (2004-08), che fra i metodi di calcolo utilizzabili, è giudicato quello più penalizzante, quindi a favore di sicurezza.

Metodo Seed-Idriss

Il metodo originariamente sviluppato da Seed e Idriss (1971) considera il parametro CSR "domanda di resistenza ciclica indotta dal sisma" e parallelamente in relazione a procedure basate su prove CPT - SPT e/o eventualmente sulla velocità delle onde di taglio (V_s), consente la stima del valore CRR "capacità di resistenza del terreno alla liquefazione".

Dal rapporto fra questi parametri si ottiene un valore numerico, del potenziale di liquefazione tramite il coefficiente di sicurezza FS_L :

$$FS_L = \frac{CRR}{CSR} \times MSF$$

ove MSF = *fattore di scala in funzione della magnitudo attesa*

Valutazione domanda di resistenza ciclica alla liquefazione CSR (Cyclic Stress Ratio)

Basato inizialmente su studi di Seed e Idriss, è stato ulteriormente perfezionato nel tempo da diversi autori (Youd e Idriss-97, Youd et alii-2001, Finn-2002).

La procedura codificata, consiste nel valutare dallo sforzo totale ed efficace del sovraccarico dello strato di terreno, alla profondità in analisi, corretto da un fattore di riduzione della sollecitazione, che diminuisce con la profondità r_d , e consente di ottenere il valore di CSR mediante la relazione:

$$CSR = \frac{\tau_{av}}{\sigma'_{v0}} = 0.65 \left(\frac{a_{max}}{g} \right) \cdot \left(\frac{\sigma_{v0}}{\sigma'_{v0}} \right) \cdot r_d$$

per profondità	$z \leq 9.15$ m	$rd = 1 - 0.00765 \cdot z$
mentre	$9.15 < z \leq 23$ m	$rd = 1.174 - 0.0267 \cdot z$
(con z = prof in metri da pc)		

dove:

0.65= fattore peso introdotto da Seed che tiene conto del numero di sforzi ciclici richiesti per produrre lo stesso aumento di pressione dei pori per irregolare movimento del terreno durante il sisma.

σ_{v0} = tensione verticale totale

- σ'_{v0} = tensione verticale efficace
- a_{max} = accelerazione massima alla superficie
- g = accelerazione di gravità (pari a 9,81 m/sec²)
- r_d = fattore riduzione delle tensioni alla prof di calcolo

Valutazione capacità di resistenza alla liquefazione CRR (Cyclic Resistance Ratio)

Sono diverse le formule per calcolare la CRR, proposte da diversi autori negli anni, fra cui anche sistemi empirici semplificati ed abachi.

La formula più classica, testata negli anni e contenuta nelle recenti norme AGI "Aspetti geotecnici della progettazione in zona sismica (Linee guida marzo 2005) associa a valori di resistenza alla penetrazione 'normalizzata' (prove CPT/Cpt_U), il valore di CRR secondo le formule originarie di Robertson e Wride (1998) in funzione del contenuto in materiali fini e per un terremoto di magnitudo 7,5:

Tale metodo originario segue i seguenti passi:

$$CRR_{7,5} = 0.833 \left[\frac{(q_{c1N})_{CS}}{1000} \right] + 0.05 \quad \text{se } (q_{c1N})_{CS} < 50$$

$$CRR_{7,5} = 93 \left[\frac{(q_{c1N})_{CS}}{1000} \right]^3 + 0.08 \quad \text{se } 50 \leq (q_{c1N})_{CS} < 160$$

$(q_{c1N})_{CS}$ = resistenza alla punta normalizzata

A sua volta $(q_{c1N})_{cs} = q_{c1N} \cdot K_c$ e $q_{c1N} = C_q \cdot (q_c / P_a)$

Con
 $C_q = (P_a / \sigma'_{v0})^n \leq 1,7$ fattore normalizzazione della resistenza alla punta
 P_a = pressione atmosferica di riferimento (1 atm ≈ 100 KPa)
 q_c = valore resistenza penetrometrica in situ
 n = esponente di sforzo in funzione della litologia utilizzato anche per il calcolo dell'indice I_c (Robertson e Wride-88/90)

Da quanto sopra, il 1° dato da ottenere è l'Indice I_c e relativo esponente di sforzo (n), che si ottengono procedendo per steps successivi:

- 1) se $I_c > 2,6$ ed $n=1$ allora il terreno è classificabile coesivo quindi non liquefacibile ed il calcolo è terminato
- 2) se $I_c < 2,6$ il suolo può essere di natura granulare e si ripete il calcolo con $n=0,5$
- 3) se dal ricalcolo del punto 2 $I_c < 2,6$ il suolo è classificabile come non coesivo ed il valore di I_c sarà utilizzato nel calcolo di q_{c1N}
- 4) se dal ricalcolo del punto 2 $I_c > 2,6$ il suolo è classificabile come limoso ed eventualmente coesivo e si dovrà ripetere il calcolo con $n=0,7$ ed il valore del nuovo I_c sarà utilizzato nel calcolo di q_{c1N}

L'indice I_c è calcolato con le seguenti relazioni:

$$I_c = \left[(3.47 - \log Q)^2 + (1.22 + \log F)^2 \right]^{0.5} \quad \text{ove}$$

$$Q = \left[(q_c - \sigma_{v0} / P_a) \right] \cdot \left[(P_a / \sigma'_{v0})^n \right] \quad F = [fs / (q_c - \sigma_{v0})] \cdot 100\%$$

e per il coefficiente K_c da Robertson e Wride 98:

Per $I_c \leq 1,64$ $K_c = 1.0$
 Per $I_c > 1,64$ $K_c = - 0.403 \cdot I_c^4 + 5.581 \cdot I_c^3 - 21.63 \cdot I_c^2 + 33.75 \cdot I_c - 17.88$

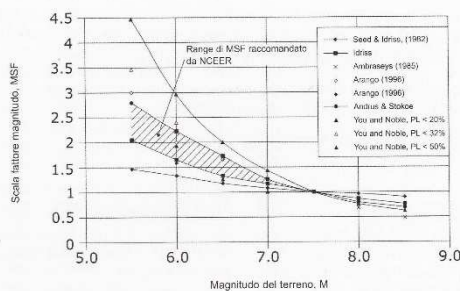


Figura 2.18. Fattore di scala della magnitudo derivato da diversi ricercatori (da Youd e Noble, 1997)

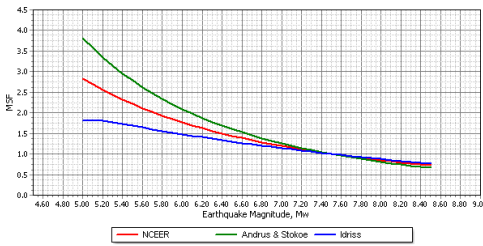
Inoltre il contenuto in fini (FC) può essere calcolato come $FC = 1.75 \times I_c^{3.25 - 3.7}$

Correzione dei valori di CRR e CSR

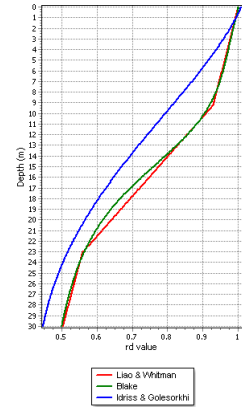
Per terremoti di magnitudo minore o maggiore di 7,5 il valore CRR deve essere corretto secondo la equazione $CRR_M = CRR_{7,5} \cdot MSF$, ove il coefficiente di correzione MSF, (arrotondato a favore di sicurezza) assunto in base alla magnitudo max attesa, è stato inserito nei calcoli assumendo il "range di MSF raccomandato da NCEER" la cui funzione (fascia a tratteggio in figura) media la fascia dei valori ottenuti da varie formulazioni di diversi autori (da Youd & Noble 1997) da utilizzare in questo caso per $M < 7,5$.

Inoltre CSR è corretto (in caso di magnitudo diversa da 7.5) per l'effetto di aumento non-lineare della resistenza di liquefazione con incremento dello stress effettivo iniziale del sovraccarico.

Il valore numerico di questo fattore di correzione è funzione dei valori di densità relativa (D_r) che nel caso di test CPT è determinata dalla relazione di Jamiolkowski et al. (1985).



Per il caso in esame pur trattandosi di una zona a medio-basso grado di sismicità, a favore di sicurezza sono state adottate per la verifica a liquefazione le formulazioni raccomandate di NCEER per Magnitudo scaling factor (MSF e Ksigma) e di Liao&Whitman per Stress reduction factor (rd).



Per le verifiche di liquefacibilità sono stati assunti i seguenti parametri di input, derivanti da analisi di III livello mediante Risposta Sismica Locale numerica agli elementi finiti (sopra esposta):

M= 6.14 (valore massimo della zona sismogenetica di appartenenza del sito – Zonazione sismogenetica ZS9 **zona 912**)

$a_{max} = 0.197g$ (accelerazione a T=0 da spettro di Risposta Sismica Locale), poiché non è possibile inserire valori al terzo decimale è stato arrotondato a favore di sicurezza

$a_{max} = 0,2 g$

Livello di falda rilevato durante le prove penetrometriche Cpt eseguite in giugno 2022, registrato mediamente fra -2/-3 m, analogamente durante l'esecuzione delle Cpt_U di ottobre 2023.

In via prudenziale ed a favore di sicurezza nei calcoli delle verifiche di liquefacibilità è stato imposta la presenza di falda a **-1,2 m da pc.**

Nell'ambito delle verifiche eseguite l'approccio di calcolo utilizzato, fa riferimento al metodo basato sui risultati da prove CPTe/Cpt_U codificato da Boulanger e Idriss 2014 (come da all. 2.2 DGR476/21 cui si rimanda per i dettagli).

Come prescritto da normativa regionale (DGR 476-564/21), le verifiche sono state eseguite sulle prove penetrometriche eseguite a punta elettrica/piezocono (Cpt_U), sopra descritte che sono state spinte sino a -20 m.

Ottenuto il valore del coefficiente di sicurezza F_{SL} tramite le elaborazioni suddette, dai dati delle penetrometriche Cpt_U (come prescritto da norma regionale), è possibile operare una stima del potenziale di liquefazione del sito in esame tramite l'Indice del potenziale di Liquefazione (I_L), che rappresenta una stima degli effetti della liquefazione, in base allo spessore e profondità delle zone che eventualmente dal calcolo si possano ritenere potenzialmente liquefacibili (cioè quelle che presentano $F_{SL} < 1,2$ come da DGR 476).

Il valore di I_L viene quindi calcolato sino a 20 m di profondità, e dalle formulazioni di Iwasaki et Al. (1982) e Sonmez (2003), asserendo che la severità dell'evento di liquefazione, è tendenzialmente proporzionale ai fattori:

- Spessore dello strato liquefacibile
- Prossimità dello strato liquefacibile alla superficie
- Fattore di sicurezza $F_s < 1,2$ (o < 1 Iwasaki).

IWASAKI

$$I_L = \int_0^{z_{crit}} F(z) \cdot w(z) \cdot dz$$

Dove:
 se $F_{SL} > 1.0$ $F(z) = 0$
 $F_{SL} \leq 1$ $F(z) = 1 - F_{SL}$
 $w(z) = 10 - 10(z/z_{crit})$ (z=prof. in m)
 dz incremento differenziale profondità

SONMEZ

$$I_L = \int_0^{z_{crit}} F(z) \cdot w(z) \cdot dz$$

Dove:
 se $F_{SL} \geq 1.2$ $F(z) = 0$
 $0.95 \leq F_{SL} < 1.2$ $F(z) = 2 * 10^6 * \exp(-18.427 * F_{SL})$
 $F_{SL} \leq 0.95$ $F(z) = 1 - F_{SL}$
 $w(z) = (200/z_{crit}) * (1 - (z/z_{crit}))$ z=prof. in m
 dz incremento differenziale profondità

l'equazione integrale sopra esposta fornisce i valori di I_L nel campo 0-100, con le seguenti classi di rischio, che mettono a confronto la valutazione di Iwasaki e quella di Sonmez che differenzia di più solo la classe da $0 < F_{SL} < 5$:

Iwasaki et al. (1982)	Sonmez (2003)	Rischio Suscettività liquefazione
$I_L=0$	$I_L=0$	Rischio nullo o Molto prob. non si ha liquefazione
$0 \leq I_L < 5$	$0 \leq I_L < 2$	Rischio liquefazione basso
	$2 \leq I_L < 5$	Rischio liquefazione moderato (per Iwasaki basso sino a $I_L < 5$)
$5 \leq I_L < 15$	$5 \leq I_L < 15$	Rischio Liquefazione elevato.
$I_L > 15$	$I_L > 15$	Rischio Molto alto

L'esecuzione sulle verticali Cpt_U eseguite (come da norma regionale), mediante utilizzo di software Liq_I_L (della geotechnical software Geologismiki) ha fornito i seguenti risultati:

Indagine Cpt_U n°	Valore Indice I _L (prof 20 m)	Rischio suscettività liquefazione
01	0.21	Basso (sia Iwasaki sia Sonmez)
02	0.08	Basso (sia Iwasaki sia Sonmez)
03	0.18	Basso (sia Iwasaki sia Sonmez)

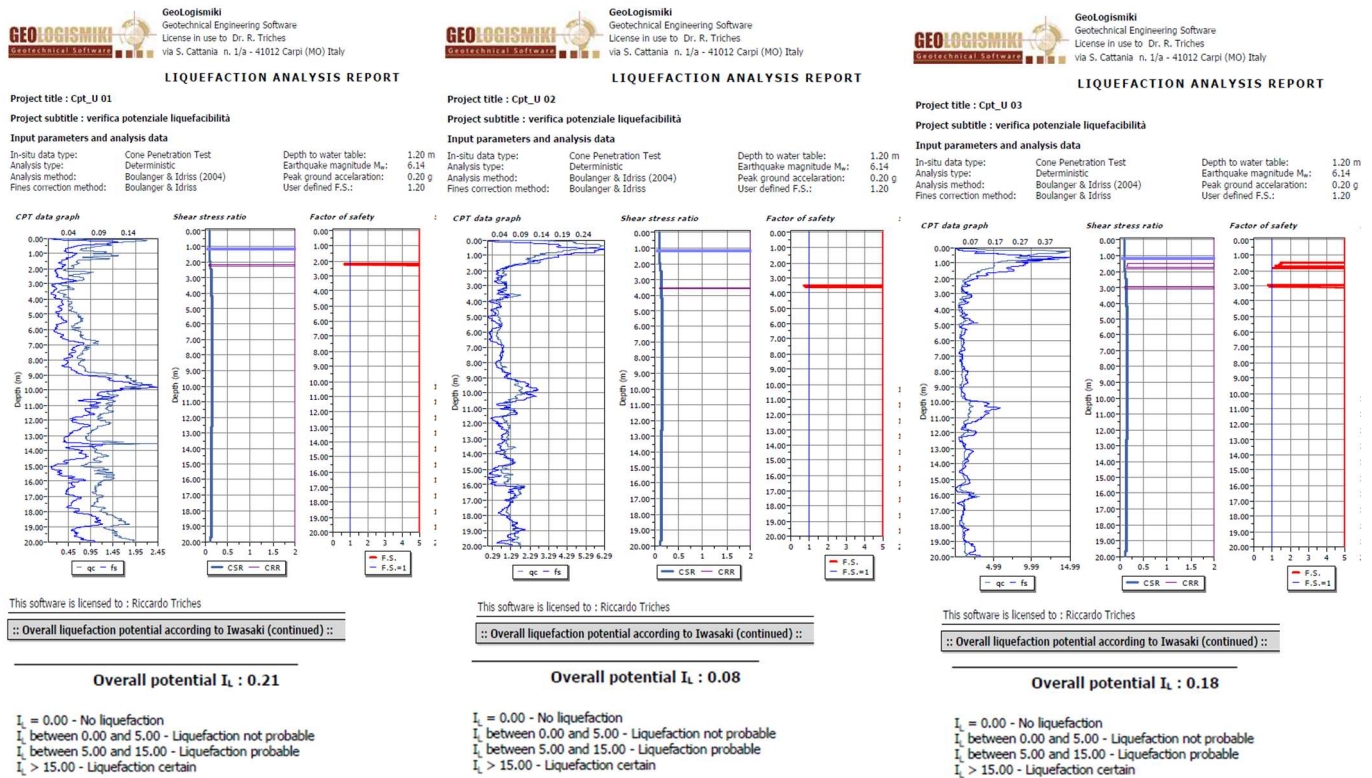


Fig. 8: Verifica suscettibilità alla liquefazione verticali Cpt_U con indicazione dei parametri utilizzati nelle verifiche e valore del indice I_L ottenuto sulla verticale completa (20m)

Come indicato in punto 2 della Richiesta di integrazioni della Provincia, si è provveduto ad eseguire la verifica di liquefabilità sulle verticali Cpt eseguite in precedenza (2022), che per confrontabilità dei dati e dei risultati, hanno raggiunto la medesima profondità delle Cpt_U (20m).

Adottando i medesimi parametri di input per il calcolo cioè M=6,14, a_{max}= 0.20 g e falda a -1,2 m da pc, si sono ottenuti i seguenti risultati:

Indagine Cpt n°	Valore Indice I _L (prof. 20 m)	Rischio suscettività liquefazione
3	0.50	Basso (sia Iwasaki sia Sonmez)
5	0.04	Basso (sia Iwasaki sia Sonmez)
10	0.23	Basso (sia Iwasaki sia Sonmez)
11	0.41	Basso (sia Iwasaki sia Sonmez)
12	0.23	Basso (sia Iwasaki sia Sonmez)

In relazione ai parametri di input del calcolo adottati, i valori dell'Indice potenziale di liquefazione I_L ottenuti nelle Cpt, sono tendenzialmente, leggermente superiori a quelli delle prove Cpt_U, ma ricadono sempre nella classe di rischio potenziale di suscettibilità alla liquefazione "Basso".

Stima cedimenti indotti da azione sismica per suscettibilità alla liquefazione

In relazione alla stima del cedimento-abbassamento del piano di campagna, in relazione a deformazioni che i terreni del sottosuolo possono subire in seguito ad eventi sismici, quest'ultima è il frutto della deformazione verticale e dello spessore dello strato interessato da cedimento post sismico.

Tale cedimento può essere stimato (come da indicazione della Dgr 476/21) dalla formulazione:

$$s = \sum_{i=1}^n \varepsilon_{vi} \cdot \Delta z_i$$

ove ε_{vi} = deformazione volumetrica verticale i-esimo strato

Δz_i = spessore i-esimo strato

Gli eventuali cedimenti conseguenti al verificarsi di fenomeni di liquefazione o di addensamento di terreni granulari insaturi sono possibili successivamente ad eventi sismici o comunque in un lasso di tempo contenuto (in relazione anche all'evento sismico in genere nel giro di 1 o pochi giorni).

Dalle verifiche di liquefacibilità sopra esposte, il valore dell'Indice potenziale di Liquefacibilità I_L è risultato sempre <1 , quindi associabile ad un valore del rischio "Basso", si riportano in seguito i valori degli eventuali cedimenti post sismici, per terreni granulari insaturi (non presenti nel sito) e saturi, delle 3 verticali di prova Cpt_U eseguite.

Indagine Cpt_U n°	Cedimento terreni insaturi (cm)	Cedimento terreni saturi (cm)
01	0	0.44
02	0	0.22
03	0	0.77

Project title : Cpt_U 01

Project subtitle : verifica potenziale liquefacibilità

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:: Settlements calculation for saturated sands ::

Point ID	q_c (MPa)	q_{c1}	FS_L	ε_v (%)	Settle. (cm)
Total settlement : 0.44					

q_c : Measured cone resistance
 q_{c1} : Normalized cone resistance (according to Ishihara)
 FS_L : Factor of safety against liquefaction
 ε_v : Post-liquefaction volumetric strain
 Settle. : Calculated settlement

Project title : Cpt_U 02

Project subtitle : verifica potenziale liquefacibilità

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:: Settlements calculation for saturated sands ::

Point ID	q_c (MPa)	q_{c1}	FS_L	ε_v (%)	Settle. (cm)
Total settlement : 0.22					

q_c : Measured cone resistance
 q_{c1} : Normalized cone resistance (according to Ishihara)
 FS_L : Factor of safety against liquefaction
 ε_v : Post-liquefaction volumetric strain
 Settle. : Calculated settlement

Project title : Cpt_U 03

Project subtitle : verifica potenziale liquefacibilità

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:: Settlements calculation for saturated sands ::

Point ID	q_c (MPa)	q_{c1}	FS_L	ε_v (%)	Settle. (cm)
Total settlement : 0.77					

q_c : Measured cone resistance
 q_{c1} : Normalized cone resistance (according to Ishihara)
 FS_L : Factor of safety against liquefaction
 ε_v : Post-liquefaction volumetric strain
 Settle. : Calculated settlement

Analogamente, sono stati valutati anche i cedimenti ottenibili dalle verifiche di liquefacibilità, eseguite sulle verticali delle Cpt 3, 5, 10, 11 e 12 (le uniche confrontabili con le prove Cpt_U come sopra indicato).

I valori di cedimento totale calcolati (come per l'indice I_L) per le prove Cpt 3,5 e 10 sono risultati variabili fra 1.07 e 1.09 cm con valori max nelle Cpt 11 e 12, con valori rispettivamente di 3,4 cm e 2,2 cm.

I valori di cedimento con riferimento alle Cpt 3,5, e10 risultano superiori e comunque confrontabili ai valori riscontrati nelle Cpt_U, presentando un Δ leggermente maggiore, nel confronto fra valore di cedimento delle Cpt 11 e 12 e quello della Cpt_U 3 (eseguita circa in corrispondenza delle stesse).

In relazione a questo aspetto, rispetto alla caratterizzazione litologica del sottosuolo nei primi 20 m, desunta in dettaglio dalle prove Cpt_U e dai relativi diagrammi di classificazione litologica (sopra esposti), i cedimenti ottenuti dalle verifiche sulle verticali Cpt, si ritiene siano da considerare **non** consoni, dato la scarsa e sporadica presenza di livelli granulari evidenziata nelle Cpt_U, che possano indurre cedimento per potenziale liquefacibilità in condizioni sismiche.

Si ritengono quindi corretti e rappresentativi dei primi 20 m di sottosuolo, i valori dell'indice di Liquefazione I_L e relativi valori di cedimento, ottenuti dalle verifiche sulle indagini Cpt_U (indicate e richieste da normativa regionale in materia, per lo sviluppo di dettaglio di tali verifiche).

Le Cpt_U registrano e descrivono le caratteristiche del sottosuolo, rilevando infatti i valori di resistenza alla punta (q_c) e attrito laterale (f_s) ogni 2 cm e non ogni 20 cm come accade per le Cpt classiche.

Considerazioni Finali

Dai dati sopra esposti in relazione alle prove integrative eseguite (prove penetrometriche Cpt_U e indagine sismica Esac (con elaborazione congiunta con sismica Masw) ed alla Risposta Sismica Locale Numerica (elementi finiti dominio del tempo, tensioni totali, utilizzando il metodo lineare equivalente) appositamente sviluppata, hanno consentito di verificare il valore di propagazione delle onde di taglio nel sottosuolo in esame sulla base delle condizioni stratigrafiche e della velocità media equivalente di propagazione delle onde di taglio $V_{S,eq}$ (in m/s), che è risultata pari a:

$$V_{S30} = 191 \text{ m/sec (da indagine combinata Esac-Masw)}$$

Per depositi con profondità H del substrato superiore a 30 m, (come per il caso in esame) la velocità equivalente delle onde di taglio $V_{S,eq}$ è definita dal parametro $V_{S,30}$.

Tale valore conferma-consente l'attribuzione di categoria di suolo di tipo C all'area in esame (come tab art. 3.2.2 NTC/18).

Lo sviluppo della analisi numerica di Risposta Sismica Locale del sito (III livello approfondimento come da DGR 476/564 del 2021) ha consentito di ottenere per lo spettro in output alla superficie, il valore di accelerazione a_{Max} al periodo $T=0$ pari a:

$$PGA_{max} = 0,197g$$

Il valore di FA_{PGA} per stato SLV TR= 475, in funzione della accelerazione ag_0 (g) attesa al suolo rigido, come sopra esposto, corrisponde a

$$FA_{PGA} = 1,28.$$

Intensità spettrale **SA**: fattori di amplificazione di sito in termini di rapporto tra intensità dello spettro di risposta in accelerazione calcolato in superficie (output) e quello calcolato su suolo rigido (input):

Fattore di amplificazione	Intervallo di Periodo T(s)	Valore ottenuto RSL numerica
FA_{SA}	0.1-0.5	1.35
FA_{SA}	0.4-0.8	2.09
FA_{SA}	0.7-1.1	1.98
FA_{SA}	0.5-1.5	2.02

Intensità spettrale **SI**: fattori di amplificazione di sito in termini di rapporto tra intensità dello spettro di risposta in velocità calcolato in superficie (output) e quello calcolato su suolo rigido (input):

Fattore di amplificazione	Intervallo di Periodo T(s)	Valore ottenuto da RSL numerica
FA_{SI}	0.1-0.5	1.38
FA_{SI}	0.5-1.0	1.99
FA_{SI}	0.5-1.5	1.95

Per quanto riguarda il valore numerico dello scuotimento atteso assoluto al sito in analisi, (H_{SM}), si sono risultati i seguenti valori:

Intervallo Periodo (s)	H (cm/sec ²)	H (g)	Nome parametro
0,1 - 0,5	456	0.47	H_{SM}
0,4 - 0,8	385	0.39	H₀₄₀₈
0,7 - 1,1	204	0.21	H₀₇₁₁
0,5 - 1,5	206	0.21	H₀₅₁₅

Le verifiche di stabilità per suscettibilità alla liquefacibilità (come indicato da DGR 476/21), sono state sviluppate e si ritengono corrette e corrispondenti alla reale stratigrafia dell'area, quelle delle 3 verticali di prova Cpt_U eseguite nel mese di ottobre 2023 nell'area in analisi, (ubiccate come indicato in Fig. 8).

Per i dati di input per le verifiche, si sono utilizzati i seguenti parametri:

- Magnitudo massima **M=6,14** (come da zona sismogenetica ZS9- zona 912)
- Accelerazione $A_{max} = 0,197g$ (come da Risposta Sismica Locale Numerica) **approssimata ad $a_{max} = 0,2 g$**
- Presenza di falda a favore di sicurezza assunta a **-1,2 m da pc** (valori di falda nelle penetrometriche oscillanti in genere fra -2/-3 m).

Ottenendo i valori del Indice di potenziale liquefacibilità I_L e relativi cedimenti indotti dal azione sismica variabili fra:

Indagine Cpt_U n°	Valore Indice I _L	Rischio suscettibilità liquefazione (Sonmez)
01	0.21	Basso
02	0.08	Basso
03	0.18	Basso

Indagine Cpt_U n°	Cedimento strati insaturi (cm)	Cedimento terreni saturi (cm)
01	0	0.44
02	0	0.22
03	0	0.77

In relazione a quanto sopra esposto ed in considerazione delle prove integrative e di approfondimento eseguite:

-prove penetrometriche Cpt_U,

-indagine sismica (ad array 2d) Esac ed elaborazione sismica congiunta Esac-Masw

-definizione degli effetti di sito sismici, tramite sviluppo della Risposta Sismica Locale numerica agli elementi finiti (approfondimento di III livello come da DGR 476-564/2021),

si desume che per l'area in oggetto, non sussistano criticità o pericolosità, relativamente alla suscettività alla liquefazione o condizioni litologico-geotecniche del sottosuolo che possono costituire impedimento alla normali-classiche pratiche di edificazione.

Per quanto riguarda gli inquadramenti geologici, geomorfologici e quant'altro non contenuto nel presente report, si rimanda alla relazione geologico-sismica della Variante 2 Piano Particolareggiato comparto A1 ex-Nuova Silan redatta dallo scrivente nel agosto 2022.

Carpi ottobre 2023

Seguono in Allegato1 le schede delle elaborazioni delle penetrometriche Cpt_U con valutazione indicativa parametri geo meccanici derivabili

Dr. Geol. **RICCARDO TRICHES**

Allegato 1 - Valutazione indicativa parametri geo meccanici derivabili dalle prove Cpt_U

SUCCESSIONE LITOLOGICA E PARAMETRI GEOTECNICI Cpt_U 01

Commissa:	ANDRIA S. Coop.r.l. - AbitCOOP soc. coop		Legenda											
	Località:	Carpi (MO)		FC	Contenuto di fine in percentuale	OCR	Grado di sovraconsolidazione							
Indirizzo:	Via Meloni di Quartirolo		yt	Peso dell'unità di volume totale	Mo	Modulo edometrico								
Prova:	CPTU 1		su	Resistenza o Coesione non drenata	Gmax	Modulo di Taglio								
Data di indagine:	10 ottobre 2023		Dr	Densità relativa	Ey	Modulo di Young								
Falda:	m da p.c.		ϕ'	Resistenza drenata o di attrito	μ	Coefficiente di Poisson								
Liv. Piezometrico:	1.10 m da p.c.													
Latitudine:	0.00													
Longitudine:	0.00													
Robertson (1986)	Quota base strato da p.c.	Resistenza alla punta	Resistenza di attrito laterale	Yf. (2010)	Robertson & Cabal (2009)	Robertson (2010)	Mayne et al (2014)	Jamolkowski et al (2001)	Mayne et al (1998)	Togliani (2012)	Gmax	Lambe e whitman (1979)	μ	
Litologia	Z (m)	qc (MPa)	fs (kPa)	FC%	yt (kNm ³)	su (kPa)	ϕ' (°)	Dr (%)	OCR	Mo (MPa)	Go (MPa)	Ey (MPa)		
Argilla limosa - Argilla	0.02	0.25	2.97	100	13.7	15.2	28.2		12.6	6.2	2.0	2.0	0.48	
Limo argilloso - Argilla limosa	0.04	0.98	11.91	75	15.8	44.3	31.0		12.0	29.6	4.7	4.7	0.50	
Sabbia limosa - Limo sabbioso	0.06	1.73	13.12	55	16.2		36.7	72	11.0	12.1	6.7	6.2	0.39	
Sabbia limosa - Limo sabbioso	0.08	2.05	19.43	54	16.7		36.8	72	10.2	14.4	8.3	7.7	0.40	
Sabbia limosa - Limo sabbioso	0.10	2.15	30.74	58	17.2		36.7	70	9.5	8.6	9.7	8.9	0.39	
Limo argilloso - Argilla limosa	0.12	2.21	45.62	64	17.7		92.9	31.5	9.0	54.3	10.9	10.9	0.50	
Limo argilloso - Argilla limosa	0.14	2.21	59.60	68	18.0		89.9	31.3	8.5	52.3	12.0	12.0	0.50	
Limo argilloso - Argilla limosa	0.16	2.15	78.31	74	18.3		84.6	31.1	8.1	49.3	12.9	12.9	0.50	
Limo argilloso - Argilla limosa	0.18	2.08	91.93	78	18.5		79.7	30.9	7.7	46.0	13.6	13.6	0.50	
Limo - Argilla sovrsconsolidato	0.20	1.97	106.99	83	18.6		74.0	30.6	7.4	42.3	14.3	14.3	0.50	
Limo - Argilla sovrsconsolidato	0.22	1.85	116.12	87	18.7		69.1	30.3	7.0	34.7	14.8	14.8	0.50	
Limo - Argilla sovrsconsolidato	0.24	1.77	118.53	89	18.7		64.8	30.1	6.8	29.6	15.2	15.2	0.50	
Limo - Argilla sovrsconsolidato	0.26	1.67	118.87	91	18.7		60.9	29.8	6.5	24.1	15.6	15.6	0.50	
Limo - Argilla sovrsconsolidato	0.28	1.56	118.27	94	18.7		56.8	29.5	6.3	18.6	15.8	15.8	0.50	
Limo - Argilla sovrsconsolidato	0.30	1.43	113.38	96	18.6		51.9	29.2	6.0	13.1	15.9	15.9	0.50	
Limo - Argilla sovrsconsolidato	0.32	1.34	106.26	97	18.5		48.7	28.8	5.8	8.6	16.0	16.0	0.50	
Limo - Argilla sovrsconsolidato	0.34	1.29	97.23	97	18.4		47.1	28.6	5.6	4.1	16.2	16.2	0.49	
Limo - Argilla sovrsconsolidato	0.36	1.27	88.28	96	18.2		47.0	28.5	5.5	0.0	16.5	16.4	0.49	
Limo - Argilla sovrsconsolidato	0.38	1.30	80.26	93	18.1		48.9	28.5	5.4	0.0	16.9	16.8	0.49	
Limo - Argilla sovrsconsolidato	0.40	1.34	68.41	89	18.0		51.4	28.5	5.3	0.0	14.9	17.3	0.49	
Argilla limosa - Argilla	0.42	1.40	61.03	86	17.9		71.0	28.5	5.2	0.0	19.4	17.7	0.49	
Argilla limosa - Argilla	0.44	1.39	56.76	85	17.8		71.1	28.4	5.1	0.0	18.9	18.0	0.49	
Argilla limosa - Argilla	0.46	1.28	53.11	87	17.7		65.1	28.1	4.9	0.0	17.0	17.8	0.48	
Argilla limosa - Argilla	0.48	1.21	51.26	88	17.6		61.6	27.8	4.8	0.0	15.9	17.9	0.48	
Argilla limosa - Argilla	0.50	1.16	49.52	89	17.5		59.5	27.6	4.7	0.0	15.2	18.0	0.47	
Argilla limosa - Argilla	0.52	1.13	47.23	89	17.5		58.5	27.5	4.6	0.0	14.7	18.1	0.47	
Argilla limosa - Argilla	0.54	1.07	45.56	91	17.4		54.9	27.2	4.5	0.0	13.6	18.1	0.47	
Argilla limosa - Argilla	0.56	1.03	44.52	92	17.4		52.5	27.0	4.4	0.0	12.9	18.1	0.46	
Argilla limosa - Argilla	0.58	0.98	43.51	94	17.3		49.9	26.8	4.4	0.0	12.1	18.1	0.46	
Argilla limosa - Argilla	0.60	0.97	40.78	93	17.3		49.8	26.7	4.3	0.0	11.9	18.2	0.46	
Argilla limosa - Argilla	0.62	0.94	38.76	94	17.2		48.1	26.5	4.2	0.0	11.3	18.3	0.45	
Argilla limosa - Argilla	0.64	0.91	37.02	94	17.1		47.0	26.4	4.1	0.0	10.9	18.3	0.45	
Argilla limosa - Argilla	0.66	0.86	34.07	95	17.0		44.2	26.1	4.0	0.0	10.1	18.1	0.44	
Argilla limosa - Argilla	0.68	0.83	31.93	95	16.9		43.1	25.9	4.0	0.0	9.7	18.1	0.44	
Argilla limosa - Argilla	0.70	0.79	29.93	96	16.8		40.9	25.7	3.9	0.0	9.0	18.0	0.44	
Argilla limosa - Argilla	0.72	0.75	30.20	98	16.8		38.4	25.5	3.8	0.0	8.5	18.0	0.43	
Argilla limosa - Argilla	0.74	0.74	30.51	99	16.8		37.7	25.4	3.8	0.0	8.3	18.1	0.43	
Argilla limosa - Argilla	0.76	0.73	30.58	100	16.8		36.7	25.2	3.7	0.0	8.1	18.2	0.43	
Argilla limosa - Argilla	0.78	0.77	30.33	97	16.8		39.3	25.4	3.7	0.0	8.5	18.7	0.43	
Argilla limosa - Argilla	0.80	0.86	29.99	93	16.8		44.7	25.7	3.8	0.0	9.5	19.5	0.44	
Argilla limosa - Argilla	0.82	0.95	29.56	89	16.9		50.2	26.1	3.8	0.0	10.5	20.2	0.44	
Argilla limosa - Argilla	0.84	1.02	29.26	86	16.9		53.6	26.2	3.8	0.0	11.1	20.7	0.45	
Argilla limosa - Argilla	0.86	1.08	30.43	85	16.9		57.2	26.4	3.8	0.0	11.8	21.3	0.45	
Limo argilloso - Argilla limosa	0.88	1.30	31.11	78	17.0		52.9	27.0	3.8	0.0	17.6	22.7	0.46	
Limo argilloso - Argilla limosa	0.90	1.27	33.72	80	17.1		51.2	26.9	3.8	0.0	17.1	22.9	0.46	
Limo argilloso - Argilla limosa	0.92	1.28	36.88	81	17.2		51.1	26.9	3.8	0.0	17.2	23.3	0.46	
Limo argilloso - Argilla limosa	0.94	1.29	40.84	82	17.4		50.9	26.9	3.8	0.0	17.3	23.8	0.46	
Argilla limosa - Argilla	0.96	1.23	44.26	86	17.4		62.4	26.6	3.7	0.0	13.3	23.8	0.46	
Argilla limosa - Argilla	0.98	1.09	47.08	91	17.5		53.7	26.2	3.6	0.0	11.6	23.3	0.45	
Argilla limosa - Argilla	1.00	1.02	48.63	95	17.5		49.1	25.9	3.6	0.0	10.7	23.1	0.44	
Argilla limosa - Argilla	1.02	1.03	50.22	95	17.5		49.7	25.9	3.6	0.0	10.8	23.4	0.44	
Argilla limosa - Argilla	1.04	1.22	47.86	87	17.5		60.7	26.5	3.6	0.0	12.9	24.7	0.45	
Limo argilloso - Argilla limosa	1.06	1.36	46.31	82	17.5		53.1	26.8	3.6	0.0	17.8	25.6	0.46	
Limo argilloso - Argilla limosa	1.08	1.46	44.79	79	17.5		57.5	27.0	3.7	0.0	19.1	26.3	0.46	
Limo argilloso - Argilla limosa	1.10	1.56	43.01	76	17.5		62.4	27.2	3.7	0.0	20.4	26.9	0.47	
Limo argilloso - Argilla limosa	1.12	1.57	42.46	76	17.5		63.1	27.3	3.6	0.0	20.6	27.1	0.47	
Limo argilloso - Argilla limosa	1.14	1.50	42.12	77	17.4		59.7	27.1	3.6	0.0	19.5	26.8	0.46	
Argilla limosa - Argilla	1.16	1.25	41.66	84	17.4		63.7	26.4	3.5	0.0	12.9	25.5	0.45	
Argilla limosa - Argilla	1.18	1.02	41.93	92	17.3		50.0	25.7	3.4	0.0	10.3	24.2	0.44	
Argilla limosa - Argilla	1.20	0.88	40.43	97	17.2		42.2	25.1	3.3	0.0	8.7	23.2	0.42	
Argilla limosa - Argilla	1.22	0.79	39.01	100	17.1		37.6	24.7	3.3	0.0	7.8	22.6	0.42	
Argilla limosa - Argilla	1.24	0.77	38.19	100	17.1		36.6	24.6	3.2	0.0	7.6	22.4	0.42	
Argilla limosa - Argilla	1.26	0.85	32.92	95	16.9		42.4	25.0	3.3	0.0	8.4	23.0	0.42	
Argilla limosa - Argilla	1.28	1.01	31.06	87	16.9		52.7	25.6	3.3	0.0	10.2	24.1	0.44	
Limo argilloso - Argilla limosa	1.30	1.26	30.90	79	17.0		51.0	26.4	3.4	0.0	15.8	25.6	0.45	
Limo argilloso - Argilla limosa	1.32	1.33	31.29	77	17.1		54.1	26.5	3.4	0.0	16.7	26.1	0.45	
Limo argilloso - Argilla limosa	1.34	1.39	33.67	77	17.2		56.1	26.7	3.5	0.0	17.5	26.7	0.46	
Limo argilloso - Argilla limosa	1.36	1.33	33.70	78	17.1		53.6	26.5	3.4	0.0	16.7	26.4	0.45	
Limo argilloso - Argilla limosa	1.38	1.14	32.54	84	17.0		44.9	25.9	3.3	0.0	14.0	25.3	0.44	
Argilla limosa - Argilla	1.40	1.02	30.76	87	16.9		52.3	25.5	3.3	0.0	10.0	24.5	0.43	

Argilla limosa - Argilla	1.42	0.89	28.14	91	16.8	45.4	25.0		3.2	8.7	23.5	22.3	0.42
Argilla limosa - Argilla	1.44	0.76	26.90	96	16.7	38.7	24.5		3.1	7.4	22.6	21.3	0.41
Argilla limosa - Argilla	1.46	0.69	24.82	99	16.5	34.8	24.2		3.1	6.6	21.9	20.6	0.41
Argilla limosa - Argilla	1.48	0.64	24.56	100	16.5	32.0	23.9		3.0	6.1	21.5	20.1	0.40
Argilla limosa - Argilla	1.50	0.63	24.64	100	16.5	31.8	23.9		3.0	6.1	21.6	20.1	0.40
Argilla limosa - Argilla	1.52	0.63	24.24	100	16.5	31.7	23.9		3.0	6.1	21.6	20.1	0.40
Argilla limosa - Argilla	1.54	0.65	22.34	99	16.4	32.8	23.9		3.0	6.2	21.6	20.2	0.40
Argilla limosa - Argilla	1.56	0.66	21.29	98	16.4	34.1	24.0		3.0	6.3	21.8	20.3	0.40
Argilla limosa - Argilla	1.58	0.66	19.72	96	16.3	34.5	24.0		3.0	6.3	21.7	20.3	0.40
Argilla limosa - Argilla	1.60	0.69	19.13	95	16.2	36.2	24.1		3.0	6.5	21.9	20.5	0.40
Argilla limosa - Argilla	1.62	0.70	19.47	94	16.3	37.0	24.2		3.0	6.7	22.1	20.8	0.41
Argilla limosa - Argilla	1.64	0.67	21.38	97	16.4	34.1	24.0		3.0	6.3	22.0	20.6	0.40
Argilla limosa - Argilla	1.66	0.68	22.96	98	16.4	34.2	24.0		3.0	6.4	22.3	20.8	0.40
Argilla limosa - Argilla	1.68	0.66	24.26	100	16.5	32.2	23.9		3.0	6.1	22.1	20.6	0.40
Argilla limosa - Argilla	1.70	0.65	25.65	100	16.6	31.4	23.8		3.0	6.0	22.2	20.7	0.40
Argilla limosa - Argilla	1.72	0.63	27.63	100	16.6	30.1	23.7		3.0	5.8	22.2	20.7	0.40
Argilla limosa - Argilla	1.74	0.61	30.15	100	16.7	28.3	23.5		2.9	5.6	22.1	20.6	0.39
Argilla limosa - Argilla	1.76	0.55	29.82	100	16.7	25.0	23.1		2.9	5.0	21.5	19.9	0.39
Argilla limosa - Argilla	1.78	0.54	29.19	100	16.6	24.7	23.0		2.9	4.9	21.5	19.8	0.38
Argilla limosa - Argilla	1.80	0.53	28.60	100	16.6	24.2	22.9		2.9	4.8	21.4	19.7	0.38
Argilla limosa - Argilla	1.82	0.53	28.57	100	16.6	23.9	22.9		2.9	4.7	21.4	19.7	0.38
Argilla limosa - Argilla	1.84	0.51	28.70	100	16.6	23.0	22.7		2.8	4.6	21.3	19.6	0.38
Argilla limosa - Argilla	1.86	0.54	26.94	100	16.5	24.9	23.0		2.9	4.9	21.6	19.9	0.38
Argilla limosa - Argilla	1.88	0.57	26.11	100	16.5	26.5	23.2		2.9	5.1	21.9	20.2	0.39
Argilla limosa - Argilla	1.90	0.57	26.89	100	16.6	26.4	23.1		2.9	5.1	22.0	20.3	0.39
Argilla limosa - Argilla	1.92	0.58	24.93	100	16.5	26.9	23.2		2.9	5.2	22.0	20.3	0.39
Argilla limosa - Argilla	1.94	0.51	22.07	100	16.3	23.4	22.6		2.8	4.5	21.0	19.3	0.38
Argilla limosa - Argilla	1.96	0.44	18.84	100	16.1	20.3	22.0		2.7	3.8	20.1	18.3	0.37
Argilla limosa - Argilla	1.98	0.44	16.94	100	15.9	21.4	22.1		2.7	3.9	20.1	18.4	0.37
Argilla limosa - Argilla	2.00	0.44	16.22	100	15.9	21.0	22.0		2.7	3.8	20.0	18.2	0.37
Argilla limosa - Argilla	2.02	0.41	15.89	100	15.8	19.0	21.7		2.7	3.5	19.6	17.8	0.36
Argilla limosa - Argilla	2.04	0.39	14.97	100	15.7	18.3	21.5		2.6	3.4	19.3	17.5	0.36
Argilla limosa - Argilla	2.06	0.38	13.31	100	15.6	18.3	21.4		2.6	3.3	19.1	17.3	0.36
Argilla limosa - Argilla	2.08	0.38	13.43	100	15.6	18.0	21.4		2.6	3.3	19.1	17.3	0.36
Argilla limosa - Argilla	2.10	0.36	14.58	100	15.7	16.8	21.2		2.6	3.1	19.0	17.2	0.35
Argilla limosa - Argilla	2.12	0.36	14.30	100	15.7	16.6	21.1		2.6	3.1	19.0	17.1	0.35
Argilla limosa - Argilla	2.14	0.38	12.40	100	15.5	18.6	21.4		2.6	3.3	19.2	17.4	0.36
Argilla limosa - Argilla	2.16	0.50	11.63	99	15.6	26.4	22.6		2.7	4.4	20.7	19.0	0.38
Argilla limosa - Argilla	2.18	0.62	12.45	92	15.7	33.7	23.5		2.8	5.6	22.1	20.5	0.39
Argilla limosa - Argilla	2.20	0.79	13.15	84	15.9	43.8	24.3		2.8	7.1	23.6	22.2	0.41
Limo argilloso - Argilla limosa	2.22	0.95	15.44	80	16.1	39.5	24.9		2.9	10.7	25.2	23.9	0.42
Limo argilloso - Argilla limosa	2.24	1.00	15.92	78	16.2	41.8	25.1		2.9	11.3	25.7	24.4	0.42
Limo argilloso - Argilla limosa	2.26	0.98	15.28	78	16.1	41.0	25.0		2.9	11.0	25.6	24.2	0.42
Limo argilloso - Argilla limosa	2.28	0.88	14.64	82	16.0	36.0	24.6		2.9	9.7	24.7	23.3	0.41
Argilla limosa - Argilla	2.30	0.81	16.23	87	16.1	43.1	24.3		2.8	7.2	24.4	22.9	0.41
Argilla limosa - Argilla	2.32	0.77	17.10	89	16.2	40.1	24.1		2.8	6.8	24.2	22.6	0.40
Argilla limosa - Argilla	2.34	0.68	17.02	94	16.1	34.7	23.7		2.8	6.0	23.4	21.8	0.40
Argilla limosa - Argilla	2.36	0.59	16.84	99	16.0	29.1	23.1		2.7	5.1	22.5	20.8	0.39
Argilla limosa - Argilla	2.38	0.57	18.11	100	16.1	27.2	22.9		2.7	4.9	22.4	20.6	0.38
Argilla limosa - Argilla	2.40	0.53	17.74	100	16.1	25.5	22.6		2.7	4.6	22.1	20.3	0.38
Argilla limosa - Argilla	2.42	0.49	18.36	100	16.1	23.4	22.3		2.7	4.3	21.8	19.9	0.37
Argilla limosa - Argilla	2.44	0.47	16.11	100	15.9	22.7	22.1		2.6	4.1	21.4	19.5	0.37
Argilla limosa - Argilla	2.46	0.48	16.68	100	15.9	22.8	22.2		2.6	4.1	21.5	19.7	0.37
Argilla limosa - Argilla	2.48	0.52	16.76	100	16.0	25.3	22.5		2.7	4.5	22.1	20.3	0.38
Argilla limosa - Argilla	2.50	0.56	15.84	100	16.0	28.2	22.9		2.7	4.9	22.5	20.8	0.38
Argilla limosa - Argilla	2.52	0.60	14.96	96	15.9	30.9	23.1		2.7	5.3	22.9	21.2	0.39
Argilla limosa - Argilla	2.54	0.66	16.99	95	16.1	33.9	23.5		2.7	5.8	23.8	22.1	0.39
Argilla limosa - Argilla	2.56	0.72	17.79	92	16.2	37.5	23.8		2.8	6.4	24.5	22.9	0.40
Argilla limosa - Argilla	2.58	0.78	18.62	90	16.3	40.7	24.1		2.8	6.9	25.1	23.6	0.40
Argilla limosa - Argilla	2.60	0.78	22.69	93	16.5	39.4	24.1		2.8	7.0	25.5	23.9	0.40
Argilla limosa - Argilla	2.62	0.80	25.63	94	16.6	39.8	24.2		2.8	7.2	26.0	24.4	0.41
Argilla limosa - Argilla	2.64	0.81	29.02	95	16.8	39.8	24.2		2.8	7.3	26.4	24.8	0.41
Argilla limosa - Argilla	2.66	0.79	33.22	98	16.9	37.3	24.1		2.8	7.0	26.4	24.7	0.40
Argilla limosa - Argilla	2.68	0.79	35.60	99	17.0	37.1	24.1		2.8	7.1	26.6	24.9	0.40
Argilla limosa - Argilla	2.70	0.80	38.34	100	17.1	36.7	24.1		2.8	7.1	26.8	25.1	0.40
Argilla limosa - Argilla	2.72	0.78	42.59	100	17.2	35.3	24.0		2.8	6.9	26.9	25.2	0.40
Argilla limosa - Argilla	2.74	0.76	44.37	100	17.2	34.0	23.9		2.8	6.7	26.9	25.1	0.40
Argilla limosa - Argilla	2.76	0.72	47.33	100	17.3	31.5	23.7		2.8	6.4	26.6	24.8	0.40
Argilla limosa - Argilla	2.78	0.67	47.95	100	17.3	28.5	23.4		2.8	5.8	26.1	24.2	0.39
Argilla limosa - Argilla	2.80	0.60	46.80	100	17.2	25.2	22.9		2.7	5.2	25.4	23.4	0.38
Argilla limosa - Argilla	2.82	0.55	45.84	100	17.2	22.7	22.5		2.7	4.7	24.8	22.8	0.38
Argilla limosa - Argilla	2.84	0.50	44.48	100	17.1	20.2	22.1		2.6	4.2	24.1	22.0	0.37
Argilla limosa - Argilla	2.86	0.48	40.15	100	17.0	19.2	21.9		2.6	4.0	23.7	21.6	0.37
Argilla limosa - Argilla	2.88	0.42	34.49	100	16.7	17.0	21.4		2.5	3.5	22.8	20.6	0.36
Suoi organici	2.90	0.37	31.72	100	16.6	14.8	20.9		2.5	2.4	22.0	19.7	0.35
Suoi organici	2.92	0.34	29.53	100	16.5	13.4	20.5		2.5	2.2	21.4	19.1	0.34
Suoi organici	2.94	0.30	26.69	100	16.3	11.5	20.0		2.4	1.9	20.5	18.3	0.33
Suoi organici	2.96	0.30	22.16	100	16.1	11.6	19.9		2.4	1.9	20.2	18.0	0.33
Suoi organici	2.98	0.30	17.85	100	15.9	12.0	19.9		2.4	1.9	20.0	17.8	0.33
Argilla limosa - Argilla	3.00	0.28	14.21	100	15.6	11.3	19.6		2.3	2.2	19.3	17.1	0.33
Argilla limosa - Argilla	3.02	0.27	12.20	100	15.4	11.0	19.5		2.3	2.1	18.9	16.7	0.33
Argilla limosa - Argilla	3.04	0.25	10.23	100	15.1	10.4	19.2		2.3	2.0	18.4	16.2	0.32
Argilla limosa - Argilla	3.06	0.27	8.38	100	15.0	12.4	19.7		2.3	2.2	18.7	16.6	0.33

Argilla limosa - Argilla	3.08	0.35	7.89	100	15.0	17.3	20.7	2.3	2.9	19.9	17.9	0.35
Argilla limosa - Argilla	3.10	0.40	8.73	100	15.1	19.3	21.1	2.4	3.2	20.7	18.6	0.35
Argilla limosa - Argilla	3.12	0.45	9.88	100	15.3	21.7	21.5	2.4	3.6	21.5	19.5	0.36
Argilla limosa - Argilla	3.14	0.44	9.80	100	15.3	21.3	21.4	2.4	3.5	21.5	19.5	0.36
Argilla limosa - Argilla	3.16	0.46	9.49	100	15.3	22.8	21.6	2.4	3.7	21.7	19.7	0.36
Argilla limosa - Argilla	3.18	0.49	10.93	100	15.5	24.1	21.9	2.5	4.0	22.4	20.4	0.37
Argilla limosa - Argilla	3.20	0.47	12.48	100	15.6	21.8	21.6	2.4	3.7	22.3	20.2	0.36
Argilla limosa - Argilla	3.22	0.44	13.35	100	15.7	20.1	21.4	2.4	3.5	22.1	20.0	0.36
Argilla limosa - Argilla	3.24	0.44	14.26	100	15.7	19.6	21.3	2.4	3.5	22.2	20.1	0.36
Argilla limosa - Argilla	3.26	0.44	15.02	100	15.8	19.8	21.4	2.4	3.5	22.4	20.2	0.36
Argilla limosa - Argilla	3.28	0.49	14.92	100	15.8	22.5	21.8	2.5	3.9	23.0	20.9	0.37
Argilla limosa - Argilla	3.30	0.55	15.57	100	15.9	26.1	22.3	2.5	4.5	23.9	21.9	0.37
Argilla limosa - Argilla	3.32	0.56	16.04	100	16.0	26.5	22.4	2.5	4.6	24.1	22.1	0.37
Argilla limosa - Argilla	3.34	0.58	15.29	98	15.9	27.6	22.5	2.5	4.7	24.3	22.3	0.38
Argilla limosa - Argilla	3.36	0.57	15.33	99	15.9	27.3	22.5	2.5	4.7	24.3	22.2	0.38
Argilla limosa - Argilla	3.38	0.51	14.88	100	15.8	23.4	21.9	2.5	4.1	23.4	21.3	0.37
Argilla limosa - Argilla	3.40	0.40	12.42	100	15.5	17.4	20.8	2.4	3.1	21.6	19.4	0.35
Argilla limosa - Argilla	3.42	0.32	11.49	100	15.4	13.0	19.9	2.3	2.4	20.2	17.9	0.33
Argilla limosa - Argilla	3.44	0.28	11.41	100	15.3	11.7	19.5	2.3	2.2	19.8	17.5	0.33
Argilla limosa - Argilla	3.46	0.27	12.21	100	15.4	11.0	19.4	2.2	2.2	19.7	17.4	0.33
Suoli organici	3.48	0.24	11.38	100	15.3	9.2	18.8	2.2	1.4	18.9	16.6	0.32
Suoli organici	3.50	0.23	10.64	100	15.2	9.0	18.7	2.2	1.4	18.8	16.4	0.31
Suoli organici	3.52	0.22	9.91	100	15.1	8.6	18.6	2.2	1.3	18.5	16.2	0.31
Argilla limosa - Argilla	3.54	0.23	8.69	100	14.9	9.1	18.7	2.2	1.8	18.5	16.2	0.31
Argilla limosa - Argilla	3.56	0.24	7.40	100	14.8	10.0	18.9	2.2	1.9	18.5	16.3	0.32
Argilla limosa - Argilla	3.58	0.26	6.87	100	14.7	11.3	19.2	2.2	2.0	18.8	16.6	0.32
Argilla limosa - Argilla	3.60	0.28	6.52	100	14.7	13.0	19.6	2.2	2.2	19.3	17.1	0.33
Argilla limosa - Argilla	3.62	0.30	6.46	100	14.7	14.4	19.9	2.2	2.4	19.7	17.5	0.33
Argilla limosa - Argilla	3.64	0.33	6.49	100	14.7	16.3	20.3	2.2	2.7	20.2	18.1	0.34
Argilla limosa - Argilla	3.66	0.37	6.83	100	14.8	18.3	20.7	2.3	2.9	20.8	18.7	0.35
Argilla limosa - Argilla	3.68	0.38	8.10	100	15.0	18.5	20.8	2.3	3.0	21.3	19.2	0.35
Argilla limosa - Argilla	3.70	0.40	9.67	100	15.3	18.8	20.9	2.3	3.2	21.8	19.7	0.35
Argilla limosa - Argilla	3.72	0.40	10.96	100	15.4	18.6	20.9	2.3	3.2	22.1	19.9	0.35
Argilla limosa - Argilla	3.74	0.38	12.96	100	15.6	17.0	20.7	2.3	3.1	22.1	19.9	0.35
Argilla limosa - Argilla	3.76	0.37	14.26	100	15.7	16.2	20.6	2.3	3.0	22.2	19.9	0.35
Argilla limosa - Argilla	3.78	0.36	14.85	100	15.7	15.6	20.5	2.3	2.9	22.1	19.8	0.34
Argilla limosa - Argilla	3.80	0.35	14.53	100	15.7	15.1	20.4	2.3	2.8	22.0	19.7	0.34
Argilla limosa - Argilla	3.82	0.36	13.31	100	15.6	15.6	20.5	2.3	2.9	22.0	19.7	0.34
Argilla limosa - Argilla	3.84	0.37	12.34	100	15.5	16.8	20.7	2.3	3.0	22.2	19.9	0.35
Argilla limosa - Argilla	3.86	0.40	11.83	100	15.5	18.7	21.0	2.3	3.3	22.6	20.4	0.35
Argilla limosa - Argilla	3.88	0.44	11.27	100	15.5	21.5	21.4	2.3	3.6	23.2	21.0	0.36
Argilla limosa - Argilla	3.90	0.46	11.49	100	15.5	22.6	21.6	2.3	3.8	23.5	21.3	0.36
Argilla limosa - Argilla	3.92	0.48	12.54	100	15.6	22.9	21.6	2.4	3.9	23.8	21.7	0.36
Argilla limosa - Argilla	3.94	0.49	14.77	100	15.8	23.1	21.8	2.4	4.0	24.3	22.1	0.36
Argilla limosa - Argilla	3.96	0.49	18.00	100	16.1	22.3	21.7	2.4	4.0	24.7	22.5	0.36
Argilla limosa - Argilla	3.98	0.49	19.83	100	16.2	21.9	21.7	2.4	4.0	24.9	22.7	0.36
Argilla limosa - Argilla	4.00	0.49	21.64	100	16.3	21.3	21.7	2.4	4.0	25.0	22.7	0.36
Argilla limosa - Argilla	4.02	0.47	23.17	100	16.3	20.2	21.5	2.4	3.8	25.0	22.6	0.36
Argilla limosa - Argilla	4.04	0.46	24.53	100	16.4	19.4	21.4	2.4	3.7	24.9	22.6	0.36
Argilla limosa - Argilla	4.06	0.45	24.88	100	16.4	18.8	21.3	2.4	3.7	24.9	22.5	0.36
Argilla limosa - Argilla	4.08	0.46	24.15	100	16.4	19.5	21.4	2.4	3.7	25.0	22.6	0.36
Argilla limosa - Argilla	4.10	0.46	24.42	100	16.4	19.4	21.4	2.4	3.7	25.1	22.7	0.36
Argilla limosa - Argilla	4.12	0.46	24.66	100	16.4	19.4	21.4	2.4	3.7	25.1	22.7	0.36
Argilla limosa - Argilla	4.14	0.44	25.49	100	16.4	18.3	21.2	2.4	3.6	24.9	22.5	0.36
Argilla limosa - Argilla	4.16	0.45	25.12	100	16.4	19.0	21.3	2.4	3.7	25.1	22.7	0.36
Argilla limosa - Argilla	4.18	0.49	23.59	100	16.4	21.0	21.6	2.4	4.0	25.6	23.2	0.36
Argilla limosa - Argilla	4.20	0.52	24.11	100	16.4	22.6	21.9	2.4	4.2	26.1	23.8	0.37
Argilla limosa - Argilla	4.22	0.53	23.74	100	16.4	23.5	22.0	2.4	4.3	26.3	24.0	0.37
Argilla limosa - Argilla	4.24	0.53	24.21	100	16.4	23.3	22.0	2.4	4.3	26.4	24.0	0.37
Argilla limosa - Argilla	4.26	0.53	24.26	100	16.4	23.3	22.0	2.4	4.3	26.4	24.1	0.37
Argilla limosa - Argilla	4.28	0.52	25.94	100	16.5	22.4	21.9	2.4	4.2	26.4	24.0	0.37
Argilla limosa - Argilla	4.30	0.51	26.72	100	16.5	21.4	21.7	2.4	4.1	26.3	23.9	0.36
Argilla limosa - Argilla	4.32	0.49	27.07	100	16.5	19.8	21.5	2.4	3.8	25.9	23.5	0.36
Argilla limosa - Argilla	4.34	0.48	26.78	100	16.5	19.5	21.4	2.3	3.8	25.8	23.4	0.36
Argilla limosa - Argilla	4.36	0.48	26.64	100	16.5	19.8	21.4	2.3	3.8	25.9	23.5	0.36
Argilla limosa - Argilla	4.38	0.47	26.13	100	16.5	19.3	21.4	2.3	3.7	25.8	23.4	0.36
Argilla limosa - Argilla	4.40	0.46	24.47	100	16.4	18.6	21.2	2.3	3.6	25.5	23.0	0.36
Argilla limosa - Argilla	4.42	0.45	23.08	100	16.3	18.9	21.2	2.3	3.6	25.4	23.0	0.36
Argilla limosa - Argilla	4.44	0.46	21.57	100	16.2	19.4	21.3	2.3	3.7	25.5	23.0	0.36
Argilla limosa - Argilla	4.46	0.47	20.12	100	16.2	20.2	21.4	2.3	3.7	25.5	23.1	0.36
Argilla limosa - Argilla	4.48	0.49	19.31	100	16.1	21.6	21.6	2.3	3.9	25.8	23.4	0.36
Argilla limosa - Argilla	4.50	0.50	18.71	100	16.1	22.7	21.7	2.3	4.1	26.1	23.7	0.36
Argilla limosa - Argilla	4.52	0.53	18.64	100	16.1	24.5	21.9	2.3	4.3	26.5	24.2	0.37
Argilla limosa - Argilla	4.54	0.55	19.03	100	16.2	25.3	22.0	2.3	4.5	26.8	24.5	0.37
Argilla limosa - Argilla	4.56	0.55	19.94	100	16.2	25.4	22.1	2.3	4.5	27.0	24.6	0.37
Argilla limosa - Argilla	4.58	0.55	21.24	100	16.3	24.8	22.0	2.3	4.5	27.1	24.7	0.37
Argilla limosa - Argilla	4.60	0.55	21.84	100	16.3	24.9	22.1	2.4	4.5	27.2	24.8	0.37
Argilla limosa - Argilla	4.62	0.55	22.75	100	16.4	24.5	22.0	2.3	4.4	27.3	24.9	0.37
Argilla limosa - Argilla	4.64	0.54	23.86	100	16.4	24.0	22.0	2.3	4.4	27.3	24.9	0.37
Argilla limosa - Argilla	4.66	0.54	24.44	100	16.4	23.9	22.0	2.3	4.4	27.4	25.0	0.37
Argilla limosa - Argilla	4.68	0.52	25.02	100	16.5	22.8	21.8	2.3	4.2	27.2	24.8	0.37
Argilla limosa - Argilla	4.70	0.49	25.01	100	16.4	20.7	21.5	2.3	3.9	26.7	24.2	0.36
Argilla limosa - Argilla	4.72	0.49	23.78	100	16.4	20.8	21.5	2.3	3.9	26.7	24.2	0.36

Argilla limosa - Argilla	4.74	0.48	22.82	100	16.3	20.7	21.5		2.3	3.9	26.6	24.1	0.36
Argilla limosa - Argilla	4.76	0.49	21.96	100	16.3	21.2	21.5		2.3	3.9	26.6	24.2	0.36
Argilla limosa - Argilla	4.78	0.52	20.79	100	16.2	23.4	21.8		2.3	4.2	27.1	24.6	0.37
Argilla limosa - Argilla	4.80	0.54	18.60	100	16.1	25.3	22.0		2.3	4.4	27.3	24.9	0.37
Argilla limosa - Argilla	4.82	0.57	16.17	99	16.0	27.7	22.2		2.3	4.7	27.4	25.1	0.37
Argilla limosa - Argilla	4.84	0.58	15.02	97	15.9	29.1	22.3		2.3	4.8	27.5	25.2	0.37
Argilla limosa - Argilla	4.86	0.61	14.75	95	15.9	31.0	22.5		2.3	5.0	27.9	25.6	0.38
Argilla limosa - Argilla	4.88	0.63	15.18	94	16.0	31.4	22.6		2.3	5.1	28.1	25.8	0.38
Argilla limosa - Argilla	4.90	0.62	15.81	95	16.0	31.1	22.5		2.3	5.1	28.2	25.9	0.38
Argilla limosa - Argilla	4.92	0.63	16.83	96	16.1	31.0	22.6		2.3	5.2	28.4	26.1	0.38
Argilla limosa - Argilla	4.94	0.63	17.80	97	16.1	30.8	22.6		2.3	5.2	28.6	26.3	0.38
Argilla limosa - Argilla	4.96	0.63	19.13	98	16.2	30.6	22.6		2.3	5.2	28.8	26.5	0.38
Argilla limosa - Argilla	4.98	0.65	19.96	97	16.3	31.9	22.7		2.4	5.4	29.2	26.9	0.38
Argilla limosa - Argilla	5.00	0.67	19.96	95	16.3	33.6	22.9		2.4	5.6	29.6	27.3	0.38
Argilla limosa - Argilla	5.02	0.69	19.40	94	16.3	34.9	23.0		2.4	5.8	29.8	27.5	0.39
Argilla limosa - Argilla	5.04	0.66	18.97	96	16.2	32.7	22.8		2.3	5.5	29.4	27.0	0.38
Argilla limosa - Argilla	5.06	0.67	18.08	94	16.2	33.5	22.8		2.3	5.5	29.4	27.1	0.38
Argilla limosa - Argilla	5.08	0.66	18.12	95	16.2	33.2	22.8		2.3	5.5	29.4	27.1	0.38
Argilla limosa - Argilla	5.10	0.69	16.97	92	16.1	35.1	22.9		2.3	5.7	29.6	27.3	0.38
Argilla limosa - Argilla	5.12	0.73	17.79	91	16.2	37.0	23.1		2.4	6.0	30.1	27.9	0.39
Argilla limosa - Argilla	5.14	0.72	20.22	93	16.3	35.9	23.1		2.4	6.0	30.4	28.1	0.39
Argilla limosa - Argilla	5.16	0.72	22.13	94	16.4	35.4	23.1		2.4	6.0	30.6	28.3	0.39
Argilla limosa - Argilla	5.18	0.69	23.51	97	16.5	33.2	22.9		2.4	5.7	30.4	28.1	0.38
Argilla limosa - Argilla	5.20	0.68	24.05	98	16.5	32.6	22.9		2.4	5.6	30.4	28.0	0.38
Argilla limosa - Argilla	5.22	0.70	24.93	97	16.6	33.7	23.0		2.4	5.8	30.8	28.4	0.39
Argilla limosa - Argilla	5.24	0.74	23.99	95	16.5	36.2	23.2		2.4	6.2	31.2	28.9	0.39
Argilla limosa - Argilla	5.26	0.77	23.07	93	16.5	38.0	23.3		2.4	6.4	31.4	29.2	0.39
Argilla limosa - Argilla	5.28	0.76	23.52	93	16.5	37.2	23.3		2.4	6.3	31.4	29.1	0.39
Argilla limosa - Argilla	5.30	0.75	24.07	94	16.6	36.4	23.2		2.4	6.2	31.4	29.0	0.39
Argilla limosa - Argilla	5.32	0.74	24.30	95	16.6	35.3	23.1		2.4	6.0	31.2	28.9	0.39
Argilla limosa - Argilla	5.34	0.76	25.84	95	16.6	36.2	23.2		2.4	6.2	31.7	29.3	0.39
Argilla limosa - Argilla	5.36	0.75	27.24	96	16.7	35.1	23.1		2.4	6.1	31.7	29.3	0.39
Argilla limosa - Argilla	5.38	0.75	28.68	97	16.8	35.0	23.1		2.4	6.1	31.9	29.5	0.39
Argilla limosa - Argilla	5.40	0.76	30.27	98	16.8	34.9	23.2		2.4	6.2	32.0	29.7	0.39
Argilla limosa - Argilla	5.42	0.76	30.91	98	16.8	35.0	23.2		2.4	6.2	32.2	29.8	0.39
Argilla limosa - Argilla	5.44	0.75	32.54	99	16.9	33.8	23.1		2.4	6.1	32.2	29.7	0.39
Argilla limosa - Argilla	5.46	0.75	32.85	99	16.9	34.0	23.1		2.4	6.1	32.3	29.8	0.39
Argilla limosa - Argilla	5.48	0.74	33.35	100	16.9	33.1	23.0		2.4	6.0	32.2	29.7	0.39
Argilla limosa - Argilla	5.50	0.72	33.42	100	16.9	32.4	22.9		2.4	5.9	32.1	29.6	0.38
Argilla limosa - Argilla	5.52	0.71	32.12	100	16.9	32.0	22.9		2.3	5.8	31.9	29.4	0.38
Argilla limosa - Argilla	5.54	0.69	29.79	100	16.8	31.5	22.8		2.3	5.6	31.6	29.1	0.38
Argilla limosa - Argilla	5.56	0.66	28.59	100	16.7	29.7	22.6		2.3	5.3	31.1	28.6	0.38
Argilla limosa - Argilla	5.58	0.65	26.34	100	16.6	29.8	22.5		2.3	5.3	30.9	28.4	0.38
Argilla limosa - Argilla	5.60	0.65	23.09	99	16.5	30.7	22.5		2.3	5.3	30.8	28.3	0.38
Argilla limosa - Argilla	5.62	0.63	21.14	99	16.3	29.8	22.4		2.3	5.1	30.3	27.8	0.38
Argilla limosa - Argilla	5.64	0.61	20.09	99	16.3	28.5	22.2		2.2	4.9	29.9	27.4	0.37
Argilla limosa - Argilla	5.66	0.60	17.79	98	16.1	28.8	22.2		2.2	4.9	29.7	27.1	0.37
Argilla limosa - Argilla	5.68	0.60	16.52	97	16.0	29.2	22.2		2.2	4.9	29.6	27.1	0.37
Argilla limosa - Argilla	5.70	0.61	15.28	95	16.0	30.2	22.3		2.2	4.9	29.6	27.1	0.37
Argilla limosa - Argilla	5.72	0.61	14.91	95	15.9	30.2	22.3		2.2	4.9	29.5	27.0	0.37
Argilla limosa - Argilla	5.74	0.61	15.50	96	16.0	29.5	22.2		2.2	4.8	29.5	27.0	0.37
Argilla limosa - Argilla	5.76	0.58	16.35	98	16.0	27.3	22.0		2.2	4.6	29.3	26.7	0.37
Argilla limosa - Argilla	5.78	0.55	16.61	100	16.0	25.7	21.8		2.2	4.4	29.0	26.4	0.37
Argilla limosa - Argilla	5.80	0.53	16.84	100	16.0	24.3	21.6		2.2	4.2	28.7	26.1	0.36
Argilla limosa - Argilla	5.82	0.53	15.90	100	16.0	25.2	21.7		2.2	4.3	28.8	26.2	0.36
Argilla limosa - Argilla	5.84	0.53	14.64	100	15.9	25.6	21.7		2.2	4.3	28.7	26.1	0.36
Argilla limosa - Argilla	5.86	0.63	14.27	93	15.9	32.0	22.4		2.2	5.1	30.0	27.5	0.38
Argilla limosa - Argilla	5.88	0.71	14.33	89	15.9	36.0	22.8		2.2	5.6	30.8	28.4	0.38
Argilla limosa - Argilla	5.90	0.68	15.58	92	16.0	33.4	22.6		2.2	5.3	30.6	28.1	0.38
Argilla limosa - Argilla	5.92	0.63	16.60	96	16.1	30.2	22.3		2.2	5.0	30.2	27.7	0.37
Argilla limosa - Argilla	5.94	0.62	15.21	95	16.0	30.4	22.2		2.2	4.9	30.0	27.5	0.37
Argilla limosa - Argilla	5.96	0.60	15.15	96	15.9	29.1	22.1		2.2	4.8	29.8	27.2	0.37
Argilla limosa - Argilla	5.98	0.56	14.66	98	15.9	27.1	21.9		2.2	4.5	29.3	26.7	0.37
Argilla limosa - Argilla	6.00	0.54	13.36	98	15.8	26.3	21.7		2.2	4.3	28.9	26.3	0.36
Argilla limosa - Argilla	6.02	0.55	12.64	96	15.7	27.8	21.9		2.2	4.5	29.0	26.5	0.37
Argilla limosa - Argilla	6.04	0.57	12.00	94	15.7	29.4	22.0		2.2	4.6	29.3	26.7	0.37
Argilla limosa - Argilla	6.06	0.61	11.14	91	15.6	32.5	22.3		2.2	5.0	29.6	27.2	0.37
Argilla limosa - Argilla	6.08	0.65	11.20	88	15.6	35.5	22.5		2.2	5.3	30.2	27.8	0.38
Argilla limosa - Argilla	6.10	0.67	11.23	88	15.6	36.1	22.6		2.2	5.4	30.4	28.0	0.38
Argilla limosa - Argilla	6.12	0.69	11.70	87	15.7	37.1	22.7		2.2	5.6	30.7	28.3	0.38
Argilla limosa - Argilla	6.14	0.71	12.08	86	15.8	38.3	22.8		2.2	5.7	31.1	28.7	0.38
Argilla limosa - Argilla	6.16	0.74	12.27	85	15.8	40.5	23.0		2.2	6.0	31.5	29.2	0.39
Argilla limosa - Argilla	6.18	0.75	13.60	86	15.9	40.0	23.0		2.2	6.1	31.9	29.5	0.39
Argilla limosa - Argilla	6.20	0.74	15.71	89	16.1	37.8	22.9		2.2	5.9	32.0	29.6	0.38
Argilla limosa - Argilla	6.22	0.74	17.16	90	16.2	37.5	22.9		2.2	6.0	32.3	29.8	0.38
Argilla limosa - Argilla	6.24	0.74	19.29	92	16.3	36.4	22.9		2.2	5.9	32.5	30.0	0.38
Argilla limosa - Argilla	6.26	0.74	20.65	93	16.4	36.0	22.9		2.2	5.9	32.7	30.2	0.38
Argilla limosa - Argilla	6.28	0.74	22.02	93	16.5	35.9	22.9		2.3	6.0	33.0	30.4	0.38
Argilla limosa - Argilla	6.30	0.75	24.00	94	16.6	35.5	22.9		2.3	6.0	33.2	30.7	0.38
Argilla limosa - Argilla	6.32	0.74	25.71	96	16.6	34.4	22.9		2.3	5.9	33.3	30.7	0.38
Argilla limosa - Argilla	6.34	0.73	26.83	97	16.7	33.6	22.8		2.3	5.8	33.3	30.7	0.38
Argilla limosa - Argilla	6.36	0.76	26.88	96	16.7	35.5	23.0		2.3	6.1	33.7	31.2	0.39
Argilla limosa - Argilla	6.38	0.78	27.15	94	16.7	37.2	23.1		2.3	6.3	34.2	31.6	0.39

Argilla limosa - Argilla	6.40	0.77	26.13	95	16.7	36.3	23.0		2.3	6.2	33.9	31.3	0.39
Argilla limosa - Argilla	6.42	0.75	26.54	96	16.7	34.9	22.9		2.3	6.0	33.7	31.1	0.38
Argilla limosa - Argilla	6.44	0.73	26.05	97	16.6	34.0	22.8		2.2	5.8	33.5	30.9	0.38
Argilla limosa - Argilla	6.46	0.75	23.33	94	16.5	35.8	22.9		2.2	6.0	33.5	30.9	0.38
Argilla limosa - Argilla	6.48	0.75	21.93	93	16.5	36.3	22.9		2.2	6.0	33.5	30.9	0.38
Argilla limosa - Argilla	6.50	0.75	21.94	93	16.4	35.8	22.9		2.2	5.9	33.4	30.8	0.38
Argilla limosa - Argilla	6.52	0.75	22.63	93	16.5	35.9	22.9		2.2	6.0	33.6	31.0	0.38
Argilla limosa - Argilla	6.54	0.75	24.24	95	16.6	35.2	22.9		2.2	5.9	33.7	31.1	0.38
Argilla limosa - Argilla	6.56	0.77	24.34	94	16.6	36.2	22.9		2.2	6.1	34.0	31.4	0.38
Argilla limosa - Argilla	6.58	0.77	26.08	94	16.7	36.1	23.0		2.2	6.1	34.2	31.6	0.39
Argilla limosa - Argilla	6.60	0.79	28.11	95	16.8	36.5	23.0		2.2	6.3	34.6	32.0	0.39
Argilla limosa - Argilla	6.62	0.83	29.37	93	16.8	38.9	23.3		2.3	6.6	35.3	32.7	0.39
Argilla limosa - Argilla	6.64	0.87	32.04	93	16.9	40.5	23.4		2.3	7.0	35.9	33.4	0.39
Argilla limosa - Argilla	6.66	0.89	32.96	93	17.0	41.7	23.5		2.3	7.2	36.3	33.8	0.39
Argilla limosa - Argilla	6.68	0.95	34.35	91	17.1	44.8	23.8		2.3	7.7	37.1	34.6	0.40
Argilla limosa - Argilla	6.70	0.97	35.60	91	17.1	46.0	23.9		2.3	7.9	37.5	35.0	0.40
Argilla limosa - Argilla	6.72	1.00	35.81	89	17.1	47.7	24.0		2.3	8.1	37.9	35.4	0.40
Argilla limosa - Argilla	6.74	1.06	35.49	87	17.1	50.9	24.1		2.3	8.6	38.4	36.0	0.41
Argilla limosa - Argilla	6.76	1.11	37.25	86	17.2	53.0	24.2		2.4	8.9	39.0	36.6	0.41
Argilla limosa - Argilla	6.78	1.13	40.43	87	17.3	53.6	24.3		2.4	9.1	39.5	37.1	0.41
Argilla limosa - Argilla	6.80	1.13	46.21	89	17.5	52.2	24.3		2.4	9.1	39.8	37.4	0.41
Argilla limosa - Argilla	6.82	1.09	50.21	92	17.5	49.5	24.2		2.4	8.8	39.7	37.3	0.41
Argilla limosa - Argilla	6.84	1.06	51.77	94	17.6	47.5	24.1		2.4	8.5	39.5	37.0	0.41
Argilla limosa - Argilla	6.86	1.04	53.77	95	17.6	46.1	24.0		2.3	8.3	39.5	36.9	0.40
Argilla limosa - Argilla	6.88	1.00	58.64	98	17.7	43.2	23.9		2.3	8.0	39.3	36.7	0.40
Argilla limosa - Argilla	6.90	1.00	60.77	99	17.7	43.0	23.9		2.3	8.0	39.5	36.8	0.40
Argilla limosa - Argilla	6.92	1.01	61.51	99	17.7	43.2	23.9		2.3	8.1	39.6	37.0	0.40
Argilla limosa - Argilla	6.94	1.05	61.77	97	17.8	45.4	24.0		2.3	8.4	40.1	37.5	0.40
Argilla limosa - Argilla	6.96	1.11	60.90	95	17.8	49.1	24.2		2.4	9.0	40.8	38.0	0.41
Argilla limosa - Argilla	6.98	1.10	60.43	95	17.8	48.3	24.1		2.4	8.8	40.7	38.1	0.41
Argilla limosa - Argilla	7.00	1.02	58.42	97	17.7	43.9	23.9		2.3	8.1	39.8	37.1	0.40
Argilla limosa - Argilla	7.02	0.96	56.57	99	17.6	40.8	23.7		2.3	7.6	39.0	36.4	0.40
Argilla limosa - Argilla	7.04	0.91	53.34	100	17.5	38.6	23.4		2.3	7.2	38.4	35.7	0.39
Argilla limosa - Argilla	7.06	0.89	50.83	100	17.5	37.8	23.4		2.3	7.0	38.1	35.4	0.39
Argilla limosa - Argilla	7.08	0.87	50.13	100	17.4	36.8	23.2		2.3	6.8	37.9	35.1	0.39
Argilla limosa - Argilla	7.10	0.85	49.73	100	17.4	35.5	23.1		2.2	6.6	37.6	34.8	0.39
Argilla limosa - Argilla	7.12	0.83	47.73	100	17.4	35.3	23.1		2.2	6.5	37.5	34.6	0.39
Argilla limosa - Argilla	7.14	0.83	46.98	100	17.4	35.5	23.1		2.2	6.5	37.5	34.7	0.39
Argilla limosa - Argilla	7.16	0.84	45.14	100	17.3	36.8	23.2		2.2	6.7	37.7	34.9	0.39
Argilla limosa - Argilla	7.18	0.88	43.86	98	17.3	39.1	23.4		2.3	7.0	38.1	35.4	0.39
Argilla limosa - Argilla	7.20	0.91	44.25	97	17.3	40.7	23.5		2.3	7.3	38.5	35.8	0.39
Argilla limosa - Argilla	7.22	0.92	43.79	96	17.3	40.8	23.5		2.3	7.3	38.6	35.8	0.39
Argilla limosa - Argilla	7.24	0.86	42.76	99	17.3	36.4	23.1		2.2	6.6	37.6	34.8	0.39
Argilla limosa - Argilla	7.26	0.81	42.99	100	17.2	34.0	22.9		2.2	6.2	37.1	34.2	0.38
Argilla limosa - Argilla	7.28	0.82	42.53	100	17.2	35.1	23.0		2.2	6.4	37.4	34.5	0.39
Argilla limosa - Argilla	7.30	0.87	42.04	98	17.2	37.7	23.2		2.2	6.8	37.9	35.1	0.39
Argilla limosa - Argilla	7.32	0.88	41.27	97	17.2	38.6	23.3		2.2	6.9	38.1	35.3	0.39
Argilla limosa - Argilla	7.34	0.89	39.87	96	17.2	39.3	23.3		2.2	6.9	38.2	35.4	0.39
Argilla limosa - Argilla	7.36	0.88	41.07	97	17.2	38.3	23.2		2.2	6.8	38.1	35.3	0.39
Argilla limosa - Argilla	7.38	0.86	43.40	98	17.3	37.4	23.2		2.2	6.7	38.2	35.3	0.39
Argilla limosa - Argilla	7.40	0.81	46.61	100	17.3	34.2	22.9		2.2	6.3	37.8	34.9	0.38
Argilla limosa - Argilla	7.42	0.79	47.41	100	17.4	33.1	22.8		2.2	6.2	37.6	34.7	0.38
Argilla limosa - Argilla	7.44	0.77	47.59	100	17.4	32.2	22.7		2.2	6.0	37.5	34.5	0.38
Argilla limosa - Argilla	7.46	0.77	47.94	100	17.4	32.2	22.7		2.2	6.0	37.5	34.6	0.38
Argilla limosa - Argilla	7.48	0.77	47.30	100	17.3	32.4	22.7		2.2	6.1	37.6	34.6	0.38
Argilla limosa - Argilla	7.50	0.77	45.62	100	17.3	32.6	22.7		2.2	6.1	37.6	34.6	0.38
Argilla limosa - Argilla	7.52	0.77	42.49	100	17.2	32.7	22.7		2.2	6.0	37.4	34.4	0.38
Argilla limosa - Argilla	7.54	0.77	40.46	100	17.2	32.6	22.7		2.2	6.0	37.2	34.2	0.38
Argilla limosa - Argilla	7.56	0.75	40.03	100	17.1	31.6	22.6		2.2	5.8	37.0	34.0	0.38
Argilla limosa - Argilla	7.58	0.75	38.51	100	17.1	32.0	22.6		2.2	5.8	37.0	34.0	0.38
Argilla limosa - Argilla	7.60	0.77	37.47	100	17.1	33.9	22.8		2.2	6.1	37.4	34.4	0.38
Argilla limosa - Argilla	7.62	0.78	37.03	99	17.1	34.4	22.8		2.2	6.1	37.5	34.5	0.38
Argilla limosa - Argilla	7.64	0.78	37.15	100	17.1	33.9	22.7		2.2	6.1	37.4	34.5	0.38
Argilla limosa - Argilla	7.66	0.76	37.39	100	17.1	33.1	22.7		2.2	6.0	37.3	34.3	0.38
Argilla limosa - Argilla	7.68	0.75	37.31	100	17.1	32.5	22.6		2.1	5.9	37.2	34.2	0.38
Argilla limosa - Argilla	7.70	0.72	38.48	100	17.1	31.2	22.5		2.1	5.7	37.0	34.0	0.38
Argilla limosa - Argilla	7.72	0.70	39.66	100	17.1	30.2	22.4		2.1	5.6	36.9	33.9	0.38
Argilla limosa - Argilla	7.74	0.69	41.04	100	17.2	29.3	22.3		2.1	5.5	36.9	33.8	0.37
Argilla limosa - Argilla	7.76	0.68	41.74	100	17.2	28.6	22.2		2.1	5.4	36.8	33.7	0.37
Argilla limosa - Argilla	7.78	0.66	41.68	100	17.2	27.8	22.1		2.1	5.3	36.6	33.5	0.37
Argilla limosa - Argilla	7.80	0.66	40.77	100	17.1	27.9	22.1		2.1	5.3	36.6	33.5	0.37
Argilla limosa - Argilla	7.82	0.65	39.71	100	17.1	27.2	22.0		2.1	5.1	36.4	33.2	0.37
Argilla limosa - Argilla	7.84	0.64	38.35	100	17.0	27.0	22.0		2.1	5.1	36.2	33.1	0.37
Argilla limosa - Argilla	7.86	0.64	35.94	100	17.0	27.3	22.0		2.1	5.1	36.1	33.0	0.37
Argilla limosa - Argilla	7.88	0.65	32.76	100	16.9	27.3	22.0		2.1	5.0	35.8	32.7	0.37
Argilla limosa - Argilla	7.90	0.68	31.05	100	16.8	29.3	22.2		2.1	5.3	36.2	33.1	0.37
Argilla limosa - Argilla	7.92	0.72	29.37	99	16.8	31.9	22.4		2.1	5.6	36.7	33.6	0.38
Argilla limosa - Argilla	7.94	0.76	28.06	96	16.7	34.1	22.6		2.1	5.8	37.0	34.1	0.38
Argilla limosa - Argilla	7.96	0.78	27.88	95	16.7	35.2	22.7		2.1	6.0	37.3	34.3	0.38
Argilla limosa - Argilla	7.98	0.80	27.98	94	16.8	36.3	22.8		2.1	6.1	37.6	34.6	0.38
Argilla limosa - Argilla	8.00	0.82	28.63	93	16.8	37.6	22.9		2.1	6.3	38.0	35.1	0.38
Argilla limosa - Argilla	8.02	0.82	29.83	94	16.8	36.9	22.8		2.1	6.3	38.0	35.1	0.38
Argilla limosa - Argilla	8.04	0.83	31.05	94	16.9	37.2	22.9		2.1	6.4	38.3	35.3	0.38

Argilla limosa - Argilla	8.06	0.80	32.47	96	16.9	35.4	22.7	2.1	6.1	38.1	35.1	0.38
Argilla limosa - Argilla	8.08	0.77	32.76	98	16.9	33.5	22.6	2.1	5.9	37.8	34.7	0.38
Argilla limosa - Argilla	8.10	0.75	33.77	100	16.9	31.9	22.4	2.1	5.7	37.5	34.5	0.38
Argilla limosa - Argilla	8.12	0.74	35.17	100	17.0	31.3	22.4	2.1	5.6	37.6	34.5	0.38
Argilla limosa - Argilla	8.14	0.73	34.71	100	17.0	31.0	22.4	2.1	5.6	37.5	34.4	0.38
Argilla limosa - Argilla	8.16	0.71	34.34	100	16.9	29.9	22.2	2.1	5.4	37.2	34.1	0.37
Argilla limosa - Argilla	8.18	0.70	34.34	100	16.9	29.3	22.2	2.1	5.3	37.1	34.0	0.37
Argilla limosa - Argilla	8.20	0.69	34.21	100	16.9	28.5	22.1	2.1	5.2	36.9	33.7	0.37
Argilla limosa - Argilla	8.22	0.67	34.01	100	16.9	27.6	22.0	2.1	5.1	36.7	33.5	0.37
Argilla limosa - Argilla	8.24	0.68	32.90	100	16.9	28.3	22.0	2.1	5.2	36.8	33.6	0.37
Argilla limosa - Argilla	8.26	0.68	32.87	100	16.9	28.3	22.0	2.1	5.2	36.9	33.7	0.37
Argilla limosa - Argilla	8.28	0.67	32.74	100	16.9	27.8	22.0	2.1	5.1	36.8	33.5	0.37
Argilla limosa - Argilla	8.30	0.69	31.30	100	16.8	28.9	22.1	2.1	5.2	36.9	33.7	0.37
Argilla limosa - Argilla	8.32	0.69	30.89	100	16.8	29.2	22.1	2.1	5.2	37.0	33.8	0.37
Argilla limosa - Argilla	8.34	0.70	29.91	100	16.8	29.7	22.1	2.1	5.3	37.0	33.9	0.37
Argilla limosa - Argilla	8.36	0.70	28.32	99	16.7	30.3	22.2	2.1	5.3	37.0	33.9	0.37
Argilla limosa - Argilla	8.38	0.72	26.59	97	16.7	31.7	22.3	2.1	5.5	37.2	34.0	0.37
Argilla limosa - Argilla	8.40	0.76	24.70	94	16.6	34.1	22.5	2.1	5.7	37.5	34.4	0.38
Argilla limosa - Argilla	8.42	0.78	25.57	94	16.6	35.1	22.6	2.1	5.9	37.9	34.8	0.38
Argilla limosa - Argilla	8.44	0.78	27.36	95	16.7	34.9	22.6	2.1	5.9	38.1	35.1	0.38
Argilla limosa - Argilla	8.46	0.80	28.39	94	16.8	35.6	22.6	2.1	6.0	38.4	35.4	0.38
Argilla limosa - Argilla	8.48	0.80	31.24	96	16.9	35.3	22.7	2.1	6.1	38.8	35.7	0.38
Argilla limosa - Argilla	8.50	0.80	34.65	97	17.0	34.8	22.7	2.1	6.1	39.1	36.0	0.38
Argilla limosa - Argilla	8.52	0.81	37.57	98	17.1	34.9	22.7	2.1	6.2	39.5	36.4	0.38
Argilla limosa - Argilla	8.54	0.82	39.72	98	17.2	36.9	22.9	2.1	6.5	40.2	37.1	0.38
Argilla limosa - Argilla	8.56	0.83	39.53	98	17.2	37.1	22.9	2.1	6.5	40.3	37.2	0.38
Argilla limosa - Argilla	8.58	0.85	39.42	97	17.2	37.5	22.9	2.1	6.6	40.4	37.3	0.39
Argilla limosa - Argilla	8.60	0.85	40.04	97	17.2	37.1	22.9	2.1	6.6	40.4	37.3	0.38
Argilla limosa - Argilla	8.62	0.84	40.36	98	17.2	36.7	22.9	2.1	6.5	40.4	37.3	0.38
Argilla limosa - Argilla	8.64	0.83	40.43	98	17.2	36.0	22.8	2.1	6.4	40.3	37.2	0.38
Argilla limosa - Argilla	8.66	0.84	41.43	98	17.2	36.1	22.8	2.1	6.4	40.5	37.3	0.38
Argilla limosa - Argilla	8.68	0.83	43.05	99	17.3	35.5	22.8	2.1	6.4	40.5	37.3	0.38
Argilla limosa - Argilla	8.70	0.84	45.41	100	17.3	35.3	22.8	2.1	6.4	40.7	37.5	0.38
Argilla limosa - Argilla	8.72	0.83	47.17	100	17.4	34.6	22.8	2.1	6.3	40.7	37.5	0.38
Argilla limosa - Argilla	8.74	0.83	46.50	100	17.4	34.9	22.8	2.1	6.4	40.8	37.6	0.38
Argilla limosa - Argilla	8.76	0.85	46.98	100	17.4	35.7	22.8	2.1	6.5	41.1	37.9	0.38
Argilla limosa - Argilla	8.78	0.87	47.57	99	17.4	36.7	22.9	2.1	6.6	41.4	38.2	0.39
Argilla limosa - Argilla	8.80	0.89	48.96	99	17.4	37.7	23.0	2.1	6.8	41.8	38.6	0.39
Argilla limosa - Argilla	8.82	0.92	50.35	98	17.5	39.3	23.2	2.1	7.1	42.3	39.2	0.39
Argilla limosa - Argilla	8.84	1.02	50.11	94	17.5	45.3	23.6	2.2	7.9	43.6	40.6	0.40
Argilla limosa - Argilla	8.86	1.09	48.98	91	17.5	49.0	23.8	2.2	8.5	44.3	41.4	0.40
Argilla limosa - Argilla	8.88	1.22	48.68	87	17.5	55.9	24.2	2.2	9.4	45.6	42.8	0.41
Argilla limosa - Argilla	8.90	1.26	51.34	87	17.6	57.5	24.3	2.2	9.7	46.2	43.4	0.41
Argilla limosa - Argilla	8.92	1.32	51.77	85	17.6	61.3	24.4	2.2	10.3	46.9	44.2	0.41
Argilla limosa - Argilla	8.94	1.39	55.35	84	17.7	64.5	24.6	2.2	10.8	47.8	45.1	0.42
Limo argilloso - Argilla limosa	8.96	1.47	57.89	83	17.8	52.8	24.8	2.3	14.2	48.7	46.1	0.42
Limo argilloso - Argilla limosa	8.98	1.57	60.51	81	17.9	56.8	25.0	2.3	15.2	49.8	47.3	0.43
Limo argilloso - Argilla limosa	9.00	1.69	63.47	79	18.0	61.7	25.3	2.3	16.5	51.0	48.6	0.43
Limo argilloso - Argilla limosa	9.02	1.77	66.78	78	18.0	64.8	25.4	2.3	17.3	51.9	49.6	0.43
Limo argilloso - Argilla limosa	9.04	1.79	69.51	78	18.1	65.5	25.5	2.3	17.6	52.3	50.0	0.43
Limo argilloso - Argilla limosa	9.06	1.75	77.48	81	18.2	62.7	25.4	2.3	17.1	52.3	50.0	0.43
Limo argilloso - Argilla limosa	9.08	1.74	81.35	82	18.3	62.1	25.4	2.3	17.1	52.5	50.1	0.43
Limo argilloso - Argilla limosa	9.10	1.73	87.39	84	18.4	61.0	25.3	2.3	16.9	52.6	50.2	0.43
Argilla limosa - Argilla	9.12	1.74	91.56	84	18.4	78.7	25.3	2.3	13.8	52.9	50.5	0.43
Argilla limosa - Argilla	9.14	1.77	95.71	85	18.5	79.4	25.4	2.3	14.0	53.3	50.9	0.43
Argilla limosa - Argilla	9.16	1.79	101.45	85	18.5	79.5	25.4	2.3	14.1	53.7	51.3	0.43
Argilla limosa - Argilla	9.18	1.76	104.85	86	18.6	77.7	25.3	2.3	13.9	53.6	51.2	0.43
Argilla limosa - Argilla	9.20	1.76	104.98	87	18.6	77.5	25.3	2.3	13.9	53.7	51.2	0.43
Argilla limosa - Argilla	9.22	1.79	105.67	86	18.6	79.0	25.4	2.3	14.1	54.0	51.6	0.43
Argilla limosa - Argilla	9.24	1.81	106.29	86	18.6	80.3	25.4	2.3	14.3	54.3	51.9	0.43
Argilla limosa - Argilla	9.26	1.86	104.36	84	18.6	83.3	25.5	2.3	14.8	54.7	52.3	0.44
Argilla limosa - Argilla	9.28	1.85	105.20	85	18.6	82.4	25.5	2.3	14.6	54.7	52.3	0.43
Limo argilloso - Argilla limosa	9.30	1.87	102.33	84	18.6	65.1	25.5	2.3	18.2	54.8	52.4	0.44
Argilla limosa - Argilla	9.32	1.84	103.69	85	18.6	82.0	25.5	2.3	14.5	54.7	52.3	0.43
Limo argilloso - Argilla limosa	9.34	1.90	106.33	84	18.6	65.8	25.6	2.3	18.5	55.2	52.9	0.44
Limo argilloso - Argilla limosa	9.36	1.96	108.83	83	18.6	68.3	25.7	2.3	19.2	55.9	53.6	0.44
Limo argilloso - Argilla limosa	9.38	1.96	113.34	84	18.7	67.7	25.7	2.3	19.1	56.0	53.7	0.44
Argilla limosa - Argilla	9.40	1.96	116.60	84	18.7	86.5	25.7	2.3	15.5	56.2	53.9	0.44
Argilla limosa - Argilla	9.42	1.92	122.33	86	18.8	83.7	25.6	2.3	15.1	56.1	53.7	0.44
Argilla limosa - Argilla	9.44	1.91	127.22	87	18.8	82.8	25.6	2.3	15.1	56.2	53.8	0.44
Argilla limosa - Argilla	9.46	1.92	129.08	87	18.8	82.9	25.6	2.3	15.1	56.4	54.0	0.44
Argilla limosa - Argilla	9.48	1.94	134.59	87	18.9	83.7	25.6	2.3	15.3	56.8	54.4	0.44
Argilla limosa - Argilla	9.50	1.97	139.99	88	18.9	84.7	25.7	2.3	15.6	57.2	54.8	0.44
Argilla limosa - Argilla	9.52	2.05	139.13	86	18.9	89.2	25.8	2.4	16.3	57.9	55.6	0.44
Argilla limosa - Argilla	9.54	2.10	139.89	85	19.0	91.5	25.9	2.4	16.6	58.3	56.1	0.44
Argilla limosa - Argilla	9.56	2.10	138.22	85	18.9	91.8	25.9	2.4	16.6	58.4	56.1	0.44
Argilla limosa - Argilla	9.58	2.09	137.53	85	18.9	91.1	25.8	2.3	16.5	58.3	56.0	0.44
Argilla limosa - Argilla	9.60	2.10	143.22	86	19.0	91.2	25.9	2.4	16.6	58.6	56.3	0.44
Argilla limosa - Argilla	9.62	2.15	145.36	85	19.0	93.7	25.9	2.4	17.1	59.1	56.9	0.44
Limo argilloso - Argilla limosa	9.64	2.22	148.36	84	19.0	76.1	26.1	2.4	21.8	59.8	57.6	0.45
Limo argilloso - Argilla limosa	9.66	2.31	151.88	83	19.1	79.5	26.2	2.4	22.7	60.6	58.5	0.45
Limo argilloso - Argilla limosa	9.68	2.30	156.34	84	19.1	78.5	26.2	2.4	22.6	60.6	58.5	0.45
Argilla limosa - Argilla	9.70	2.21	164.81	86	19.2	94.8	26.0	2.4	17.5	60.2	58.0	0.45

Argilla limosa - Argilla	9.72	2.07	171.42	90	19.2	87.2	25.8	2.3	16.4	59.4	57.0	0.44
Argilla limosa - Argilla	9.74	1.97	173.85	92	19.2	81.9	25.6	2.3	15.5	58.7	56.2	0.44
Argilla limosa - Argilla	9.76	1.96	175.92	92	19.2	81.3	25.6	2.3	15.4	58.7	56.2	0.44
Argilla limosa - Argilla	9.78	1.84	178.47	95	19.2	75.3	25.4	2.3	14.4	57.8	55.2	0.43
Argilla limosa - Argilla	9.80	1.92	185.38	94	19.3	79.1	25.5	2.3	15.1	58.7	56.2	0.44
Argilla limosa - Argilla	9.82	1.87	178.48	94	19.2	76.9	25.4	2.3	14.7	58.2	55.6	0.43
Argilla limosa - Argilla	9.84	1.89	168.45	93	19.1	78.9	25.5	2.3	14.9	58.3	55.8	0.43
Argilla limosa - Argilla	9.86	1.98	147.68	88	19.0	84.7	25.6	2.3	15.6	58.6	56.2	0.44
Limo argilloso - Argilla limosa	9.88	2.06	125.23	84	18.8	71.0	25.8	2.3	20.0	58.7	56.4	0.44
Limo argilloso - Argilla limosa	9.90	2.04	124.28	84	18.8	69.7	25.7	2.3	19.6	58.5	56.1	0.44
Argilla limosa - Argilla	9.92	1.94	126.39	86	18.8	84.2	25.5	2.3	15.1	57.9	55.4	0.44
Argilla limosa - Argilla	9.94	1.87	124.89	87	18.8	80.4	25.4	2.3	14.5	57.3	54.7	0.43
Argilla limosa - Argilla	9.96	1.77	127.48	90	18.8	75.1	25.2	2.3	13.7	56.6	53.9	0.43
Argilla limosa - Argilla	9.98	1.70	129.35	92	18.8	71.5	25.1	2.2	13.1	56.1	53.3	0.43
Argilla limosa - Argilla	10.00	1.65	126.62	93	18.8	68.9	24.9	2.2	12.7	55.6	52.8	0.42
Argilla limosa - Argilla	10.02	1.60	123.39	93	18.7	66.5	24.8	2.2	12.3	55.1	52.2	0.42
Argilla limosa - Argilla	10.04	1.52	119.03	95	18.7	62.6	24.6	2.2	11.6	54.2	51.3	0.42
Argilla limosa - Argilla	10.06	1.43	115.35	96	18.6	58.4	24.4	2.2	10.9	53.3	50.2	0.41
Argilla limosa - Argilla	10.08	1.38	107.47	96	18.5	56.3	24.3	2.2	10.4	52.6	49.5	0.41
Argilla limosa - Argilla	10.10	1.37	101.26	96	18.4	56.2	24.3	2.2	10.3	52.3	49.2	0.41
Argilla limosa - Argilla	10.12	1.36	96.95	95	18.4	56.1	24.3	2.2	10.2	52.2	49.0	0.41
Argilla limosa - Argilla	10.14	1.35	94.15	95	18.3	56.0	24.2	2.1	10.2	52.1	48.9	0.41
Argilla limosa - Argilla	10.16	1.32	92.37	95	18.3	54.4	24.2	2.1	9.9	51.7	48.5	0.41
Argilla limosa - Argilla	10.18	1.31	87.01	94	18.2	54.6	24.1	2.1	9.9	51.5	48.3	0.41
Argilla limosa - Argilla	10.20	1.32	84.96	94	18.2	55.0	24.1	2.1	9.9	51.5	48.3	0.41
Argilla limosa - Argilla	10.22	1.35	85.41	93	18.2	56.8	24.2	2.1	10.2	51.9	48.8	0.41
Argilla limosa - Argilla	10.24	1.36	85.12	93	18.2	57.1	24.2	2.1	10.2	52.0	48.9	0.41
Argilla limosa - Argilla	10.26	1.36	86.18	93	18.2	56.9	24.2	2.1	10.2	52.1	49.0	0.41
Argilla limosa - Argilla	10.28	1.37	85.95	93	18.2	57.5	24.3	2.1	10.3	52.3	49.1	0.41
Argilla limosa - Argilla	10.30	1.40	87.01	92	18.3	59.2	24.3	2.1	10.5	52.7	49.6	0.41
Argilla limosa - Argilla	10.32	1.46	87.04	90	18.3	62.2	24.5	2.1	11.0	53.3	50.3	0.41
Argilla limosa - Argilla	10.34	1.53	84.61	88	18.3	66.5	24.6	2.2	11.6	54.0	51.0	0.42
Argilla limosa - Argilla	10.36	1.57	84.51	87	18.3	68.6	24.7	2.2	11.9	54.4	51.5	0.42
Argilla limosa - Argilla	10.38	1.57	86.81	87	18.3	68.1	24.7	2.2	11.8	54.5	51.6	0.42
Argilla limosa - Argilla	10.40	1.54	91.05	89	18.4	65.9	24.6	2.2	11.6	54.4	51.5	0.42
Argilla limosa - Argilla	10.42	1.53	94.69	90	18.4	65.3	24.6	2.2	11.6	54.6	51.6	0.42
Argilla limosa - Argilla	10.44	1.51	100.15	92	18.5	63.4	24.6	2.2	11.4	54.6	51.5	0.42
Argilla limosa - Argilla	10.46	1.43	107.30	95	18.5	58.8	24.4	2.1	10.8	54.1	50.9	0.41
Argilla limosa - Argilla	10.48	1.31	113.08	99	18.5	52.0	24.1	2.1	9.8	53.0	49.6	0.41
Argilla limosa - Argilla	10.50	1.24	112.58	100	18.5	48.7	23.9	2.1	9.2	52.3	48.8	0.40
Argilla limosa - Argilla	10.52	1.19	108.14	100	18.5	46.2	23.7	2.1	8.8	51.5	48.1	0.40
Argilla limosa - Argilla	10.54	1.14	103.86	100	18.4	44.2	23.6	2.1	8.4	50.9	47.4	0.40
Argilla limosa - Argilla	10.56	1.10	98.25	100	18.3	42.6	23.4	2.1	8.1	50.3	46.8	0.39
Argilla limosa - Argilla	10.58	1.14	89.55	100	18.2	45.2	23.6	2.1	8.4	50.6	47.1	0.40
Argilla limosa - Argilla	10.60	1.15	78.70	97	18.1	47.2	23.7	2.1	8.6	50.5	47.0	0.40
Argilla limosa - Argilla	10.62	1.25	66.46	91	17.9	53.9	23.9	2.1	9.3	51.1	47.8	0.40
Argilla limosa - Argilla	10.64	1.34	59.83	87	17.8	59.3	24.2	2.1	10.0	51.7	48.5	0.41
Argilla limosa - Argilla	10.66	1.38	57.06	85	17.8	62.3	24.3	2.1	10.3	52.1	48.9	0.41
Limo argilloso - Argilla limosa	10.68	1.46	52.40	81	17.7	51.6	24.4	2.1	13.4	52.5	49.5	0.41
Limo argilloso - Argilla limosa	10.70	1.47	53.56	81	17.7	52.1	24.5	2.1	13.5	52.8	49.8	0.41
Limo argilloso - Argilla limosa	10.72	1.52	55.38	81	17.8	54.0	24.6	2.1	14.0	53.4	50.5	0.42
Limo argilloso - Argilla limosa	10.74	1.49	63.39	84	17.9	51.8	24.5	2.1	13.7	53.6	50.6	0.42
Argilla limosa - Argilla	10.76	1.48	70.60	86	18.0	65.2	24.5	2.1	11.0	53.9	50.8	0.41
Argilla limosa - Argilla	10.78	1.49	73.76	86	18.1	65.5	24.5	2.1	11.1	54.2	51.2	0.41
Argilla limosa - Argilla	10.80	1.45	79.98	89	18.2	62.5	24.4	2.1	10.8	54.1	51.0	0.41
Argilla limosa - Argilla	10.82	1.41	84.99	91	18.2	59.5	24.3	2.1	10.5	53.9	50.7	0.41
Argilla limosa - Argilla	10.84	1.36	88.55	93	18.3	56.7	24.2	2.1	10.1	53.6	50.3	0.41
Argilla limosa - Argilla	10.86	1.33	85.09	93	18.2	55.4	24.1	2.1	9.9	53.2	49.9	0.41
Argilla limosa - Argilla	10.88	1.28	83.86	94	18.2	53.4	24.0	2.1	9.5	52.8	49.4	0.40
Argilla limosa - Argilla	10.90	1.29	83.16	94	18.2	54.0	24.0	2.1	9.6	52.9	49.5	0.40
Argilla limosa - Argilla	10.92	1.35	80.64	92	18.2	57.4	24.1	2.1	10.1	53.5	50.2	0.41
Argilla limosa - Argilla	10.94	1.43	76.12	88	18.1	62.2	24.3	2.1	10.7	54.2	51.0	0.41
Argilla limosa - Argilla	10.96	1.44	73.15	87	18.1	63.0	24.4	2.1	10.7	54.2	51.0	0.41
Argilla limosa - Argilla	10.98	1.45	71.46	87	18.1	63.4	24.4	2.1	10.8	54.2	51.0	0.41
Argilla limosa - Argilla	11.00	1.44	71.36	87	18.0	63.0	24.3	2.1	10.7	54.1	51.0	0.41
Argilla limosa - Argilla	11.02	1.42	72.51	88	18.1	61.4	24.3	2.1	10.5	54.0	50.7	0.41
Argilla limosa - Argilla	11.04	1.41	74.03	89	18.1	60.8	24.3	2.1	10.4	54.0	50.8	0.41
Argilla limosa - Argilla	11.06	1.37	78.23	91	18.1	58.1	24.2	2.1	10.1	53.8	50.5	0.41
Argilla limosa - Argilla	11.08	1.34	82.55	92	18.2	56.0	24.1	2.1	9.9	53.7	50.4	0.41
Argilla limosa - Argilla	11.10	1.33	86.14	94	18.2	55.1	24.0	2.1	9.8	53.8	50.4	0.41
Argilla limosa - Argilla	11.12	1.33	87.15	94	18.3	55.2	24.1	2.1	9.8	53.9	50.5	0.41
Argilla limosa - Argilla	11.14	1.32	86.45	94	18.2	54.5	24.0	2.1	9.7	53.8	50.4	0.41
Argilla limosa - Argilla	11.16	1.32	81.68	93	18.2	55.2	24.0	2.1	9.8	53.7	50.3	0.41
Argilla limosa - Argilla	11.18	1.30	78.86	93	18.1	54.3	24.0	2.0	9.6	53.4	50.0	0.40
Argilla limosa - Argilla	11.20	1.29	74.81	92	18.1	54.2	23.9	2.0	9.5	53.1	49.7	0.40
Argilla limosa - Argilla	11.22	1.28	71.50	92	18.0	53.9	23.9	2.0	9.4	52.9	49.5	0.40
Argilla limosa - Argilla	11.24	1.30	67.31	90	17.9	55.2	23.9	2.0	9.5	52.9	49.5	0.40
Argilla limosa - Argilla	11.26	1.30	63.43	89	17.9	55.6	23.9	2.0	9.5	52.7	49.4	0.40
Argilla limosa - Argilla	11.28	1.31	62.99	89	17.9	56.2	24.0	2.0	9.5	52.9	49.5	0.40
Argilla limosa - Argilla	11.30	1.33	63.05	88	17.9	57.6	24.0	2.0	9.7	53.2	49.8	0.41
Argilla limosa - Argilla	11.32	1.35	64.11	88	17.9	58.2	24.1	2.0	9.8	53.4	50.1	0.41
Argilla limosa - Argilla	11.34	1.39	64.93	87	17.9	60.4	24.2	2.0	10.2	54.0	50.7	0.41
Argilla limosa - Argilla	11.36	1.45	64.56	85	17.9	64.1	24.3	2.1	10.7	54.7	51.4	0.41

Argilla limosa - Argilla	11.38	1.46	66.51	85	18.0	64.4	24.3	2.1	10.7	54.9	51.7	0.41
Argilla limosa - Argilla	11.40	1.44	67.40	86	18.0	63.1	24.3	2.1	10.6	54.8	51.5	0.41
Argilla limosa - Argilla	11.42	1.45	69.06	86	18.0	63.4	24.3	2.1	10.7	55.0	51.8	0.41
Argilla limosa - Argilla	11.44	1.44	70.37	87	18.0	62.3	24.3	2.0	10.5	55.0	51.7	0.41
Argilla limosa - Argilla	11.46	1.41	68.84	87	18.0	61.1	24.2	2.0	10.3	54.7	51.3	0.41
Argilla limosa - Argilla	11.48	1.38	68.70	88	18.0	59.1	24.1	2.0	10.0	54.3	51.0	0.41
Argilla limosa - Argilla	11.50	1.32	71.28	90	18.0	55.7	24.0	2.0	9.6	53.9	50.4	0.40
Argilla limosa - Argilla	11.52	1.28	74.59	93	18.1	52.9	23.8	2.0	9.3	53.6	50.1	0.40
Argilla limosa - Argilla	11.54	1.25	76.20	94	18.1	51.1	23.8	2.0	9.0	53.3	49.8	0.40
Argilla limosa - Argilla	11.56	1.22	78.59	95	18.1	49.5	23.7	2.0	8.8	53.2	49.6	0.40
Argilla limosa - Argilla	11.58	1.19	80.20	97	18.1	47.8	23.6	2.0	8.6	52.9	49.3	0.40
Argilla limosa - Argilla	11.60	1.17	80.38	97	18.1	46.4	23.5	2.0	8.4	52.7	49.0	0.40
Argilla limosa - Argilla	11.62	1.18	77.80	96	18.1	47.4	23.5	2.0	8.5	52.8	49.1	0.40
Argilla limosa - Argilla	11.64	1.19	74.25	95	18.0	48.2	23.6	2.0	8.6	52.8	49.2	0.40
Argilla limosa - Argilla	11.66	1.18	70.63	95	18.0	47.8	23.5	2.0	8.5	52.5	48.8	0.40
Argilla limosa - Argilla	11.68	1.17	65.55	94	17.9	48.0	23.5	2.0	8.4	52.2	48.6	0.40
Argilla limosa - Argilla	11.70	1.17	61.45	93	17.8	48.2	23.5	2.0	8.4	52.0	48.3	0.39
Argilla limosa - Argilla	11.72	1.14	59.81	93	17.8	46.8	23.4	2.0	8.1	51.6	47.9	0.39
Argilla limosa - Argilla	11.74	1.11	55.10	93	17.7	45.9	23.3	1.9	7.9	51.0	47.3	0.39
Argilla limosa - Argilla	11.76	1.11	51.42	92	17.6	46.3	23.3	1.9	7.9	50.8	47.1	0.39
Argilla limosa - Argilla	11.78	1.16	47.19	88	17.5	50.3	23.5	2.0	8.3	51.3	47.7	0.40
Argilla limosa - Argilla	11.80	1.21	45.04	86	17.5	54.0	23.7	2.0	8.8	51.9	48.4	0.40
Argilla limosa - Argilla	11.82	1.21	42.67	85	17.4	54.2	23.7	2.0	8.7	51.7	48.2	0.40
Argilla limosa - Argilla	11.84	1.19	41.90	85	17.4	53.0	23.6	1.9	8.6	51.4	47.9	0.40
Argilla limosa - Argilla	11.86	1.17	39.93	85	17.3	52.0	23.5	1.9	8.4	51.0	47.4	0.40
Argilla limosa - Argilla	11.88	1.13	40.81	86	17.3	51.0	23.4	1.9	8.3	50.9	47.3	0.39
Argilla limosa - Argilla	11.90	1.11	42.31	88	17.4	49.5	23.4	1.9	8.1	50.8	47.2	0.39
Argilla limosa - Argilla	11.92	1.12	42.25	88	17.4	49.4	23.4	1.9	8.1	50.8	47.2	0.39
Argilla limosa - Argilla	11.94	1.13	45.52	89	17.4	49.3	23.4	1.9	8.2	51.2	47.6	0.39
Argilla limosa - Argilla	11.96	1.11	49.25	90	17.5	48.0	23.3	1.9	8.1	51.4	47.7	0.39
Argilla limosa - Argilla	11.98	1.15	46.00	88	17.5	50.5	23.5	1.9	8.3	51.6	48.0	0.39
Argilla limosa - Argilla	12.00	1.15	43.05	87	17.4	51.2	23.5	1.9	8.3	51.5	47.9	0.40
Limo argilloso - Argilla limosa	12.02	1.21	40.36	84	17.3	42.3	23.7	1.9	10.8	52.0	48.5	0.40
Limo argilloso - Argilla limosa	12.04	1.24	42.30	84	17.4	43.0	23.7	1.9	11.0	52.5	48.9	0.40
Limo argilloso - Argilla limosa	12.06	1.27	43.18	83	17.4	44.4	23.8	2.0	11.4	52.9	49.5	0.40
Limo argilloso - Argilla limosa	12.08	1.29	42.99	82	17.4	45.2	23.9	2.0	11.5	53.2	49.7	0.40
Limo argilloso - Argilla limosa	12.10	1.31	44.25	82	17.5	45.9	23.9	2.0	11.7	53.5	50.1	0.40
Limo argilloso - Argilla limosa	12.12	1.36	46.98	82	17.6	47.5	24.0	2.0	12.1	54.3	50.8	0.41
Limo argilloso - Argilla limosa	12.14	1.40	49.76	82	17.6	48.9	24.1	2.0	12.5	54.9	51.5	0.41
Limo argilloso - Argilla limosa	12.16	1.39	51.50	83	17.7	48.2	24.1	2.0	12.4	55.0	51.6	0.41
Limo argilloso - Argilla limosa	12.18	1.39	52.43	83	17.7	48.1	24.1	2.0	12.4	55.1	51.6	0.41
Limo argilloso - Argilla limosa	12.20	1.39	55.89	84	17.8	47.8	24.1	2.0	12.5	55.4	51.9	0.41
Argilla limosa - Argilla	12.22	1.37	59.81	86	17.8	60.3	24.0	2.0	10.0	55.4	51.9	0.41
Argilla limosa - Argilla	12.24	1.38	61.57	86	17.9	60.6	24.1	2.0	10.0	55.7	52.2	0.41
Argilla limosa - Argilla	12.26	1.34	63.39	88	17.9	55.9	23.9	2.0	9.4	54.9	51.4	0.40
Argilla limosa - Argilla	12.28	1.30	66.46	90	17.9	53.2	23.7	2.0	9.1	54.7	51.0	0.40
Argilla limosa - Argilla	12.30	1.29	69.65	91	18.0	52.3	23.7	2.0	9.1	54.8	51.1	0.40
Argilla limosa - Argilla	12.32	1.26	72.66	93	18.0	50.6	23.6	2.2	9.6	68.8	64.0	0.40
Argilla limosa - Argilla	12.34	1.23	72.43	94	18.0	49.0	23.5	2.2	9.3	68.4	63.6	0.39
Argilla limosa - Argilla	12.36	1.20	70.04	94	18.0	48.0	23.5	2.2	9.1	67.9	63.1	0.39
Argilla limosa - Argilla	12.38	1.18	70.45	95	18.0	47.0	23.4	2.2	9.0	67.7	62.8	0.39
Argilla limosa - Argilla	12.40	1.13	69.48	96	17.9	44.4	23.2	2.1	8.6	66.9	61.9	0.39
Argilla limosa - Argilla	12.42	1.12	65.80	96	17.9	44.0	23.1	2.1	8.5	66.5	61.5	0.39
Argilla limosa - Argilla	12.44	1.11	62.08	95	17.8	44.1	23.1	2.1	8.4	66.2	61.2	0.39
Argilla limosa - Argilla	12.46	1.12	59.38	94	17.7	44.9	23.2	2.1	8.5	66.2	61.3	0.39
Argilla limosa - Argilla	12.48	1.12	58.02	93	17.7	45.1	23.2	2.1	8.5	66.1	61.2	0.39
Argilla limosa - Argilla	12.50	1.12	57.29	93	17.7	44.9	23.1	2.1	8.4	66.0	61.1	0.39
Argilla limosa - Argilla	12.52	1.10	55.72	93	17.7	44.0	23.1	2.1	8.3	65.6	60.7	0.39
Argilla limosa - Argilla	12.54	1.07	55.24	94	17.6	42.4	22.9	2.1	8.0	65.1	60.1	0.38
Argilla limosa - Argilla	12.56	1.06	55.80	95	17.6	41.8	22.9	2.1	7.9	65.0	60.0	0.38
Argilla limosa - Argilla	12.58	1.04	55.64	95	17.6	41.0	22.8	2.1	7.8	64.8	59.8	0.38
Argilla limosa - Argilla	12.60	1.03	53.42	95	17.6	40.4	22.8	2.1	7.7	64.4	59.4	0.38
Argilla limosa - Argilla	12.62	1.00	52.92	96	17.6	38.8	22.7	2.1	7.5	63.9	58.8	0.38
Argilla limosa - Argilla	12.64	1.00	51.36	95	17.5	39.3	22.7	2.1	7.5	63.9	58.8	0.38
Argilla limosa - Argilla	12.66	1.00	49.23	95	17.5	39.5	22.7	2.1	7.5	63.8	58.7	0.38
Argilla limosa - Argilla	12.68	0.97	48.22	95	17.5	38.3	22.6	2.1	7.3	63.3	58.2	0.38
Argilla limosa - Argilla	12.70	0.99	44.20	93	17.4	39.7	22.6	2.1	7.4	63.3	58.2	0.38
Argilla limosa - Argilla	12.72	0.98	42.33	93	17.3	39.6	22.6	2.1	7.3	63.0	58.0	0.38
Argilla limosa - Argilla	12.74	0.97	43.10	94	17.3	38.8	22.6	2.1	7.3	62.9	57.8	0.38
Argilla limosa - Argilla	12.76	0.97	42.33	93	17.3	38.6	22.5	2.1	7.2	62.8	57.7	0.38
Argilla limosa - Argilla	12.78	0.96	42.23	94	17.3	38.0	22.5	2.0	7.1	62.6	57.5	0.38
Argilla limosa - Argilla	12.80	0.96	41.24	93	17.3	38.4	22.5	2.0	7.2	62.7	57.5	0.38
Argilla limosa - Argilla	12.82	0.96	39.80	93	17.2	38.6	22.5	2.0	7.1	62.5	57.4	0.38
Argilla limosa - Argilla	12.84	0.94	42.22	94	17.3	37.1	22.4	2.0	7.0	62.4	57.3	0.38
Argilla limosa - Argilla	12.86	0.93	40.21	94	17.2	36.5	22.3	2.0	6.9	62.0	56.8	0.37
Argilla limosa - Argilla	12.88	0.91	38.99	94	17.2	36.9	22.4	2.0	6.9	62.0	56.8	0.38
Argilla limosa - Argilla	12.90	0.89	39.42	95	17.2	35.7	22.3	2.0	6.7	61.7	56.5	0.37
Argilla limosa - Argilla	12.92	0.89	38.13	95	17.2	35.7	22.2	2.0	6.7	61.5	56.3	0.37
Argilla limosa - Argilla	12.94	0.90	37.60	94	17.1	36.1	22.3	2.0	6.8	61.6	56.4	0.37
Argilla limosa - Argilla	12.96	0.90	37.63	94	17.1	36.0	22.3	2.0	6.7	61.6	56.4	0.37
Argilla limosa - Argilla	12.98	0.90	36.82	94	17.1	36.4	22.3	2.0	6.8	61.7	56.5	0.37
Argilla limosa - Argilla	13.00	0.89	35.81	94	17.1	36.0	22.2	2.0	6.7	61.4	56.2	0.37
Argilla limosa - Argilla	13.02	0.89	34.53	93	17.0	35.9	22.2	2.0	6.6	61.2	56.0	0.37

Argilla limosa - Argilla	13.04	0.88	33.62	93	17.0	35.7	22.2		2.0	6.6	61.0	55.8	0.37
Argilla limosa - Argilla	13.06	0.86	32.79	93	17.0	34.7	22.1		2.0	6.4	60.6	55.4	0.37
Argilla limosa - Argilla	13.08	0.85	31.48	93	16.9	34.3	22.0		2.0	6.4	60.3	55.0	0.37
Argilla limosa - Argilla	13.10	0.86	29.96	92	16.9	34.9	22.1		2.0	6.4	60.2	55.0	0.37
Argilla limosa - Argilla	13.12	0.85	29.04	92	16.8	34.7	22.0		2.0	6.3	59.9	54.7	0.37
Argilla limosa - Argilla	13.14	0.85	28.73	92	16.8	34.4	22.0		2.0	6.3	59.8	54.6	0.37
Argilla limosa - Argilla	13.16	0.85	28.32	92	16.8	34.7	22.0		2.0	6.3	59.9	54.7	0.37
Argilla limosa - Argilla	13.18	0.86	28.19	91	16.8	35.0	22.0		2.0	6.4	60.0	54.8	0.37
Argilla limosa - Argilla	13.20	0.86	28.40	91	16.8	34.9	22.0		2.0	6.3	60.0	54.8	0.37
Argilla limosa - Argilla	13.22	0.87	28.70	91	16.8	35.5	22.1		2.0	6.4	60.3	55.1	0.37
Argilla limosa - Argilla	13.24	0.88	29.07	91	16.8	36.0	22.1		2.0	6.5	60.6	55.4	0.37
Argilla limosa - Argilla	13.26	0.88	29.37	91	16.9	36.2	22.1		2.0	6.5	60.7	55.6	0.37
Argilla limosa - Argilla	13.28	0.89	29.13	91	16.8	36.5	22.2		2.0	6.6	60.8	55.6	0.37
Argilla limosa - Argilla	13.30	0.89	29.02	90	16.8	36.8	22.2		2.0	6.6	60.9	55.8	0.37
Argilla limosa - Argilla	13.32	0.91	29.37	90	16.9	38.1	22.3		2.0	6.8	61.4	56.3	0.37
Argilla limosa - Argilla	13.34	0.94	29.98	89	16.9	39.9	22.4		2.0	7.0	62.1	57.0	0.38
Argilla limosa - Argilla	13.36	1.04	29.72	85	16.9	45.7	22.8		2.0	7.8	63.7	58.8	0.38
Limo argilloso - Argilla limosa	13.38	1.21	29.31	79	17.0	43.3	23.5		2.1	11.4	66.6	61.9	0.39
Limo argilloso - Argilla limosa	13.40	1.63	27.60	67	17.0	63.8	24.5		2.1	15.5	71.9	67.8	0.42
Limo argilloso - Argilla limosa	13.42	1.67	29.29	67	17.1	65.5	24.6		2.1	16.0	72.8	68.7	0.42
Limo argilloso - Argilla limosa	13.44	1.51	31.37	72	17.1	55.0	24.2		2.1	13.9	70.6	66.2	0.41
Limo argilloso - Argilla limosa	13.46	1.40	37.81	78	17.3	48.9	23.9		2.1	12.9	70.1	65.5	0.40
Argilla limosa - Argilla	13.48	1.26	49.37	86	17.6	55.0	23.6		2.1	9.6	69.7	64.9	0.40
Limo argilloso - Argilla limosa	13.50	1.50	58.20	82	17.8	52.1	24.2		2.2	14.3	74.0	69.4	0.41
Limo argilloso - Argilla limosa	13.52	2.18	61.90	68	18.0	82.2	25.5		2.3	21.4	82.3	78.7	0.43
Limo argilloso - Argilla limosa	13.54	2.35	63.82	66	18.1	89.5	25.7		2.3	23.1	84.2	80.8	0.44
Limo argilloso - Argilla limosa	13.56	1.93	72.18	76	18.2	68.1	25.0		2.2	18.5	80.1	76.1	0.42
Argilla limosa - Argilla	13.58	1.35	93.00	94	18.3	53.6	23.8		2.1	10.3	73.8	68.8	0.40
Argilla limosa - Argilla	13.60	1.14	97.22	100	18.3	42.7	23.1		2.1	8.6	70.8	65.5	0.39
Argilla limosa - Argilla	13.62	1.00	93.17	100	18.2	36.7	22.6		2.1	7.6	68.5	63.0	0.38
Argilla limosa - Argilla	13.64	0.93	88.67	100	18.1	33.6	22.4		2.0	7.1	67.1	61.5	0.38
Argilla limosa - Argilla	13.66	0.95	82.27	100	18.1	35.4	22.5		2.0	7.3	67.3	61.8	0.38
Argilla limosa - Argilla	13.68	0.98	77.21	100	18.0	37.1	22.6		2.0	7.5	67.6	62.2	0.38
Argilla limosa - Argilla	13.70	1.01	66.68	99	17.9	39.1	22.7		2.0	7.7	67.4	62.1	0.38
Argilla limosa - Argilla	13.72	0.99	45.61	93	17.4	40.3	22.6		2.0	7.5	65.5	60.3	0.38
Argilla limosa - Argilla	13.74	0.99	36.43	90	17.1	41.6	22.6		2.0	7.5	64.6	59.4	0.38
Argilla limosa - Argilla	13.76	1.01	31.67	87	17.0	43.6	22.7		2.0	7.6	64.3	59.2	0.38
Argilla limosa - Argilla	13.78	1.02	30.82	86	17.0	44.0	22.7		2.0	7.6	64.3	59.2	0.38
Argilla limosa - Argilla	13.80	1.00	32.90	88	17.0	42.6	22.6		2.0	7.5	64.3	59.2	0.38
Argilla limosa - Argilla	13.82	1.02	35.43	88	17.1	42.9	22.7		2.0	7.6	64.9	59.8	0.38
Argilla limosa - Argilla	13.84	1.03	36.59	88	17.2	43.6	22.7		2.0	7.7	65.3	60.2	0.38
Argilla limosa - Argilla	13.86	1.04	37.38	88	17.2	43.7	22.8		2.0	7.8	65.5	60.4	0.38
Argilla limosa - Argilla	13.88	1.07	42.94	90	17.4	44.4	22.9		2.0	8.0	66.7	61.5	0.38
Argilla limosa - Argilla	13.90	1.08	46.23	90	17.5	44.6	22.9		2.0	8.1	67.2	62.1	0.38
Argilla limosa - Argilla	13.92	1.09	48.37	91	17.5	44.8	22.9		2.0	8.2	67.6	62.4	0.39
Argilla limosa - Argilla	13.94	1.09	51.20	92	17.6	44.4	22.9		2.0	8.2	67.9	62.7	0.38
Argilla limosa - Argilla	13.96	1.09	53.96	93	17.6	43.7	22.9		2.0	8.1	68.0	62.8	0.38
Argilla limosa - Argilla	13.98	1.07	57.06	94	17.7	42.4	22.8		2.0	8.0	68.1	62.8	0.38
Argilla limosa - Argilla	14.00	1.06	58.75	95	17.7	41.4	22.8		2.0	7.9	68.0	62.6	0.38
Argilla limosa - Argilla	14.02	1.05	58.99	96	17.7	41.2	22.8		2.0	7.9	67.9	62.6	0.38
Argilla limosa - Argilla	14.04	1.05	57.76	95	17.7	41.3	22.8		2.0	7.9	67.9	62.5	0.38
Argilla limosa - Argilla	14.06	1.06	56.90	95	17.7	41.9	22.8		2.0	7.9	68.0	62.7	0.38
Argilla limosa - Argilla	14.08	1.06	56.36	95	17.7	41.7	22.8		2.0	7.9	67.9	62.6	0.38
Argilla limosa - Argilla	14.10	1.07	54.14	93	17.6	42.7	22.8		2.0	8.0	68.0	62.7	0.38
Argilla limosa - Argilla	14.12	1.10	54.01	92	17.6	44.1	22.9		2.0	8.2	68.5	63.2	0.38
Argilla limosa - Argilla	14.14	1.12	54.76	92	17.7	45.1	23.0		2.0	8.3	68.9	63.7	0.39
Argilla limosa - Argilla	14.16	1.13	56.20	92	17.7	45.8	23.0		2.0	8.5	69.3	64.1	0.39
Argilla limosa - Argilla	14.18	1.17	58.04	91	17.7	47.7	23.2		2.0	8.8	70.1	64.9	0.39
Argilla limosa - Argilla	14.20	1.18	60.83	92	17.8	47.8	23.2		2.0	8.9	70.5	65.3	0.39
Argilla limosa - Argilla	14.22	1.19	63.21	92	17.8	48.1	23.2		2.1	8.9	70.9	65.7	0.39
Argilla limosa - Argilla	14.24	1.19	64.97	92	17.9	47.9	23.2		2.1	8.9	71.1	65.8	0.39
Argilla limosa - Argilla	14.26	1.22	65.27	92	17.9	49.6	23.3		2.1	9.2	71.6	66.4	0.39
Argilla limosa - Argilla	14.28	1.27	64.54	90	17.9	52.0	23.5		2.1	9.5	72.3	67.2	0.39
Argilla limosa - Argilla	14.30	1.30	64.64	89	17.9	54.0	23.6		2.1	9.8	72.9	67.8	0.40
Argilla limosa - Argilla	14.32	1.34	63.79	88	17.9	56.2	23.7		2.1	10.1	73.4	68.4	0.40
Argilla limosa - Argilla	14.34	1.35	63.95	87	17.9	56.7	23.7		2.1	10.2	73.6	68.6	0.40
Argilla limosa - Argilla	14.36	1.35	64.97	88	17.9	56.3	23.7		2.1	10.1	73.6	68.6	0.40
Argilla limosa - Argilla	14.38	1.31	67.03	90	17.9	53.8	23.6		2.1	9.8	73.2	68.2	0.40
Argilla limosa - Argilla	14.40	1.27	67.75	91	17.9	51.5	23.5		2.1	9.5	72.7	67.6	0.39
Argilla limosa - Argilla	14.42	1.24	65.75	91	17.9	50.0	23.4		2.1	9.2	72.1	66.9	0.39
Argilla limosa - Argilla	14.44	1.19	64.68	92	17.9	47.6	23.2		2.0	8.9	71.3	66.1	0.39
Argilla limosa - Argilla	14.46	1.11	63.97	95	17.8	43.4	22.9		2.0	8.3	70.0	64.6	0.38
Argilla limosa - Argilla	14.48	1.09	59.00	94	17.7	42.7	22.8		2.0	8.1	69.3	63.9	0.38
Argilla limosa - Argilla	14.50	1.06	54.31	94	17.6	41.4	22.7		2.0	7.8	68.4	63.0	0.38
Argilla limosa - Argilla	14.52	1.04	50.24	93	17.5	40.7	22.6		2.0	7.6	67.7	62.3	0.38
Argilla limosa - Argilla	14.54	1.04	46.36	92	17.4	41.5	22.6		2.0	7.7	67.5	62.1	0.38
Argilla limosa - Argilla	14.56	1.03	43.07	91	17.4	41.4	22.6		2.0	7.6	67.0	61.7	0.38
Argilla limosa - Argilla	14.58	1.02	39.90	90	17.3	41.0	22.5		2.0	7.4	66.5	61.1	0.38
Argilla limosa - Argilla	14.60	1.03	36.24	88	17.2	42.2	22.6		2.0	7.5	66.3	60.9	0.38
Argilla limosa - Argilla	14.62	1.04	34.15	87	17.1	43.6	22.6		2.0	7.6	66.3	61.0	0.38
Argilla limosa - Argilla	14.64	1.05	31.29	85	17.0	44.9	22.7		2.0	7.7	66.2	60.9	0.38
Limo argilloso - Argilla limosa	14.66	1.07	28.65	83	16.9	35.6	22.8		2.0	9.7	66.1	61.0	0.38
Limo argilloso - Argilla limosa	14.68	1.12	27.58	81	16.9	37.9	22.9		2.0	10.1	66.8	61.7	0.39

Limo argilloso - Argilla limosa	14.70	1.17	27.68	79	16.9	40.5	23.1		2.0	10.6	67.7	62.7	0.39
Limo argilloso - Argilla limosa	14.72	1.20	28.08	78	16.9	41.7	23.2		2.0	10.9	68.3	63.3	0.39
Limo argilloso - Argilla limosa	14.74	1.20	28.25	79	16.9	41.4	23.2		2.0	10.8	68.2	63.2	0.39
Limo argilloso - Argilla limosa	14.76	1.16	30.11	81	17.0	39.3	23.1		2.0	10.5	67.9	62.9	0.39
Argilla limosa - Argilla	14.78	1.07	33.40	86	17.1	45.1	22.7		2.0	7.8	66.9	61.6	0.38
Argilla limosa - Argilla	14.80	0.99	34.63	89	17.1	40.0	22.4		1.9	7.2	65.6	60.2	0.38
Argilla limosa - Argilla	14.82	0.90	33.83	92	17.0	34.9	22.0		1.9	6.5	63.9	58.4	0.37
Argilla limosa - Argilla	14.84	0.84	32.40	94	17.0	32.0	21.7		1.9	6.1	62.7	57.1	0.37
Argilla limosa - Argilla	14.86	0.86	24.59	89	16.6	34.2	21.8		1.9	6.1	61.8	56.3	0.37
Limo argilloso - Argilla limosa	14.88	0.87	16.68	83	16.2	29.0	22.0		1.9	7.8	60.8	55.5	0.37
Limo argilloso - Argilla limosa	14.90	0.84	15.40	83	16.1	27.7	21.8		1.8	7.5	59.9	54.6	0.37
Limo argilloso - Argilla limosa	14.92	0.83	13.92	82	16.0	27.4	21.7		1.8	7.4	59.2	53.9	0.37
Limo argilloso - Argilla limosa	14.94	0.80	12.74	82	15.9	26.2	21.6		1.8	7.1	58.3	53.0	0.36
Limo argilloso - Argilla limosa	14.96	0.78	10.96	81	15.7	25.8	21.5		1.8	6.9	57.3	52.0	0.36
Limo argilloso - Argilla limosa	14.98	0.76	10.13	81	15.6	25.3	21.4		1.8	6.7	56.7	51.4	0.36
Limo argilloso - Argilla limosa	15.00	0.75	9.19	81	15.5	24.9	21.3		1.8	6.6	56.1	50.8	0.36
Limo argilloso - Argilla limosa	15.02	0.75	7.77	78	15.3	25.8	21.4		1.8	6.6	55.5	50.3	0.36
Limo argilloso - Argilla limosa	15.04	0.78	6.84	75	15.1	28.1	21.5		1.8	6.9	55.7	50.6	0.36
Limo argilloso - Argilla limosa	15.06	0.84	6.04	71	15.0	31.9	21.8		1.8	7.4	56.2	51.3	0.37
Limo argilloso - Argilla limosa	15.08	0.90	6.16	69	15.1	35.0	22.1		1.8	7.9	57.3	52.4	0.37
Limo argilloso - Argilla limosa	15.10	0.96	7.50	69	15.3	37.3	22.4		1.8	8.5	59.2	54.3	0.38
Limo argilloso - Argilla limosa	15.12	1.06	6.89	65	15.3	43.1	22.7		1.8	9.4	60.4	55.7	0.38
Sabbia limosa - Limo sabbioso	15.14	1.16	6.92	62	15.3		27.1	1	1.9	5.0	61.9	48.2	0.17
Sabbia limosa - Limo sabbioso	15.16	1.26	7.96	60	15.5		27.7	1	1.9	5.4	63.9	49.9	0.17
Limo argilloso - Argilla limosa	15.18	1.24	9.16	62	15.6	51.5	23.4		1.9	11.1	64.5	59.9	0.39
Sabbia limosa - Limo sabbioso	15.20	1.31	8.84	60	15.6		28.1	1	1.9	5.7	65.4	51.1	0.17
Sabbia limosa - Limo sabbioso	15.22	1.35	10.98	61	15.9		28.0	1	1.9	5.8	66.9	52.3	0.17
Limo argilloso - Argilla limosa	15.24	1.32	15.53	66	16.3	51.5	23.6		1.9	11.9	68.0	63.4	0.40
Limo argilloso - Argilla limosa	15.26	1.23	19.96	72	16.5	45.2	23.3		1.9	11.1	67.9	63.1	0.39
Limo argilloso - Argilla limosa	15.28	1.12	22.64	78	16.6	39.2	22.9		1.9	10.1	66.9	61.8	0.39
Limo argilloso - Argilla limosa	15.30	1.04	24.16	81	16.7	35.3	22.6		1.9	9.4	65.9	60.7	0.38
Limo argilloso - Argilla limosa	15.32	1.07	21.93	79	16.6	37.5	22.8		1.9	9.7	66.1	61.0	0.38
Limo argilloso - Argilla limosa	15.34	1.22	20.44	73	16.6	44.9	23.3		1.9	11.1	68.1	63.2	0.39
Limo argilloso - Argilla limosa	15.36	1.28	19.14	70	16.5	48.2	23.5		1.9	11.6	68.7	63.9	0.40
Limo argilloso - Argilla limosa	15.38	1.28	18.52	70	16.5	48.5	23.5		1.9	11.6	68.6	63.8	0.40
Limo argilloso - Argilla limosa	15.40	1.30	18.49	69	16.5	49.4	23.6		1.9	11.8	68.9	64.1	0.40
Limo argilloso - Argilla limosa	15.42	1.38	19.89	68	16.6	52.6	23.8		2.0	12.5	70.3	65.6	0.40
Limo argilloso - Argilla limosa	15.44	1.44	20.77	67	16.6	55.3	23.9		2.0	13.1	71.3	66.7	0.40
Limo argilloso - Argilla limosa	15.46	1.41	22.47	69	16.7	52.5	23.8		2.0	12.7	71.1	66.4	0.40
Limo argilloso - Argilla limosa	15.48	1.31	24.18	73	16.8	47.1	23.5		2.0	11.8	70.1	65.2	0.40
Limo argilloso - Argilla limosa	15.50	1.14	25.06	79	16.8	39.2	23.0		1.9	10.2	67.8	62.7	0.39
Limo argilloso - Argilla limosa	15.52	1.05	22.95	80	16.6	35.6	22.6		1.9	9.4	66.1	60.8	0.38
Limo argilloso - Argilla limosa	15.54	1.10	19.75	76	16.5	39.1	22.9		1.9	9.9	66.4	61.3	0.38
Limo argilloso - Argilla limosa	15.56	1.24	19.51	72	16.5	46.0	23.3		1.9	11.2	68.5	63.6	0.39
Limo argilloso - Argilla limosa	15.58	1.39	18.76	67	16.5	54.0	23.8		2.0	12.7	70.5	65.8	0.40
Limo argilloso - Argilla limosa	15.60	1.46	19.18	66	16.6	56.7	23.9		2.0	13.2	71.4	66.8	0.40
Limo argilloso - Argilla limosa	15.62	1.47	22.23	67	16.7	56.2	24.0		2.0	13.4	72.3	67.7	0.40
Limo argilloso - Argilla limosa	15.64	1.41	29.29	73	17.0	50.9	23.8		2.0	12.8	72.8	68.0	0.40
Limo argilloso - Argilla limosa	15.66	1.34	35.81	78	17.2	46.7	23.6		2.0	12.2	72.9	67.9	0.40
Limo argilloso - Argilla limosa	15.68	1.30	42.33	82	17.4	43.8	23.5		2.0	11.9	73.1	67.9	0.39
Argilla limosa - Argilla	15.70	1.24	44.63	84	17.5	53.5	23.3		2.0	9.2	72.5	67.3	0.39
Argilla limosa - Argilla	15.72	1.27	46.96	84	17.5	54.9	23.4		2.0	9.5	73.3	68.1	0.39
Limo argilloso - Argilla limosa	15.74	1.30	45.46	83	17.5	43.8	23.5		2.0	11.9	73.6	68.5	0.39
Limo argilloso - Argilla limosa	15.76	1.35	40.09	79	17.4	46.6	23.7		2.0	12.4	73.8	68.8	0.40
Limo argilloso - Argilla limosa	15.78	1.45	35.84	75	17.3	51.6	23.9		2.0	13.2	74.6	69.8	0.40
Limo argilloso - Argilla limosa	15.80	1.49	36.23	74	17.3	53.6	24.0		2.0	13.7	75.3	70.5	0.40
Limo argilloso - Argilla limosa	15.82	1.49	37.94	75	17.3	52.9	24.0		2.0	13.6	75.5	70.6	0.40
Limo argilloso - Argilla limosa	15.84	1.47	40.65	76	17.4	51.7	23.9		2.0	13.5	75.6	70.7	0.40
Limo argilloso - Argilla limosa	15.86	1.46	46.32	79	17.6	50.2	23.9		2.0	13.3	76.1	71.1	0.40
Limo argilloso - Argilla limosa	15.88	1.44	55.48	82	17.8	48.5	23.8		2.0	13.3	76.8	71.8	0.40
Limo argilloso - Argilla limosa	15.90	1.41	58.76	84	17.8	46.9	23.8		2.0	13.0	76.7	71.6	0.40
Argilla limosa - Argilla	15.92	1.38	61.62	86	17.9	58.5	23.7		2.0	10.3	76.5	71.3	0.40
Argilla limosa - Argilla	15.94	1.29	64.60	89	17.9	52.8	23.4		2.0	9.6	75.3	70.0	0.39
Argilla limosa - Argilla	15.96	1.24	64.09	91	17.9	49.9	23.2		2.0	9.2	74.5	69.1	0.39
Argilla limosa - Argilla	15.98	1.25	60.18	89	17.8	51.0	23.3		2.0	9.2	74.4	69.0	0.39
Argilla limosa - Argilla	16.00	1.22	56.90	89	17.7	49.9	23.2		2.0	9.0	73.7	68.3	0.39
Argilla limosa - Argilla	16.02	1.20	53.08	89	17.7	49.2	23.1		2.0	8.8	73.1	67.7	0.39
Argilla limosa - Argilla	16.04	1.16	48.67	88	17.5	47.7	23.0		1.9	8.5	72.1	66.6	0.39
Argilla limosa - Argilla	16.06	1.16	45.08	87	17.5	48.3	23.0		1.9	8.5	71.8	66.3	0.39
Argilla limosa - Argilla	16.08	1.16	40.92	85	17.3	49.0	23.0		1.9	8.5	71.4	66.0	0.39
Limo argilloso - Argilla limosa	16.10	1.18	36.72	83	17.2	38.8	23.0		1.9	10.6	71.1	65.8	0.39
Limo argilloso - Argilla limosa	16.12	1.17	36.67	84	17.2	38.2	23.0		1.9	10.5	71.0	65.6	0.39
Argilla limosa - Argilla	16.14	1.13	39.31	86	17.3	47.0	22.8		1.9	8.2	70.7	65.2	0.38
Argilla limosa - Argilla	16.16	1.12	40.79	87	17.3	46.5	22.8		1.9	8.2	70.8	65.3	0.38
Argilla limosa - Argilla	16.18	1.13	41.11	87	17.3	46.8	22.8		1.9	8.2	70.9	65.4	0.38
Argilla limosa - Argilla	16.20	1.13	40.46	86	17.3	46.9	22.8		1.9	8.2	70.9	65.4	0.38
Argilla limosa - Argilla	16.22	1.16	39.64	85	17.3	48.7	22.9		1.9	8.4	71.3	65.9	0.39
Argilla limosa - Argilla	16.24	1.19	40.84	85	17.3	50.2	23.0		1.9	8.6	72.0	66.5	0.39
Argilla limosa - Argilla	16.26	1.18	43.19	86	17.4	49.2	23.0		1.9	8.6	72.1	66.7	0.39
Argilla limosa - Argilla	16.28	1.18	42.89	86	17.4	49.2	23.0		1.9	8.6	72.1	66.6	0.39
Argilla limosa - Argilla	16.30	1.14	42.94	87	17.4	47.1	22.9		1.9	8.3	71.5	66.0	0.38
Argilla limosa - Argilla	16.32	1.11	43.59	88	17.4	44.9	22.7		1.9	8.0	71.0	65.4	0.38
Argilla limosa - Argilla	16.34	1.07	45.33	90	17.4	42.6	22.6		1.9	7.8	70.6	65.0	0.38

Argilla limosa - Argilla	16.36	1.06	46.74	91	17.5	41.6	22.5		1.9	7.7	70.6	64.9	0.38
Argilla limosa - Argilla	16.38	1.05	43.80	90	17.4	41.8	22.5		1.9	7.6	70.2	64.6	0.38
Argilla limosa - Argilla	16.40	1.07	40.28	88	17.3	43.2	22.6		1.9	7.7	70.1	64.5	0.38
Argilla limosa - Argilla	16.42	1.07	38.30	87	17.2	43.8	22.6		1.9	7.8	70.0	64.4	0.38
Argilla limosa - Argilla	16.44	1.06	37.02	87	17.2	43.1	22.5		1.9	7.6	69.6	64.0	0.38
Argilla limosa - Argilla	16.46	1.04	36.16	88	17.2	42.2	22.5		1.9	7.5	69.2	63.6	0.38
Argilla limosa - Argilla	16.48	1.04	34.72	87	17.1	42.5	22.5		1.9	7.5	69.1	63.5	0.38
Argilla limosa - Argilla	16.50	1.05	34.02	86	17.1	43.2	22.5		1.9	7.6	69.2	63.6	0.38
Argilla limosa - Argilla	16.52	1.04	35.25	87	17.1	42.5	22.5		1.9	7.5	69.2	63.6	0.38
Argilla limosa - Argilla	16.54	1.06	34.50	86	17.1	43.4	22.5		1.9	7.6	69.4	63.8	0.38
Argilla limosa - Argilla	16.56	1.05	34.76	87	17.1	43.0	22.5		1.9	7.6	69.4	63.8	0.38
Argilla limosa - Argilla	16.58	1.07	34.01	86	17.1	44.1	22.6		1.9	7.7	69.6	64.0	0.38
Argilla limosa - Argilla	16.60	1.08	33.48	85	17.1	45.1	22.6		1.9	7.8	69.8	64.2	0.38
Argilla limosa - Argilla	16.62	1.08	33.03	85	17.1	44.9	22.6		1.9	7.7	69.7	64.1	0.38
Argilla limosa - Argilla	16.64	1.06	32.45	85	17.0	44.0	22.5		1.9	7.6	69.3	63.7	0.38
Argilla limosa - Argilla	16.66	1.07	32.69	85	17.1	44.2	22.5		1.9	7.7	69.5	63.9	0.38
Argilla limosa - Argilla	16.68	1.07	33.32	85	17.1	44.1	22.5		1.9	7.7	69.6	64.0	0.38
Argilla limosa - Argilla	16.70	1.07	32.57	85	17.0	44.5	22.6		1.9	7.7	69.6	64.0	0.38
Argilla limosa - Argilla	16.72	1.07	32.58	85	17.0	44.2	22.5		1.9	7.6	69.5	63.9	0.38
Argilla limosa - Argilla	16.74	1.03	32.98	87	17.0	41.7	22.4		1.9	7.4	68.9	63.2	0.38
Argilla limosa - Argilla	16.76	0.99	32.87	88	17.0	39.6	22.2		1.8	7.1	68.3	62.5	0.37
Argilla limosa - Argilla	16.78	1.02	32.17	87	17.0	41.2	22.3		1.9	7.3	68.7	63.0	0.38
Argilla limosa - Argilla	16.80	1.05	30.81	85	17.0	43.3	22.5		1.9	7.5	69.0	63.4	0.38
Argilla limosa - Argilla	16.82	1.07	30.73	84	17.0	44.4	22.5		1.9	7.6	69.3	63.8	0.38
Argilla limosa - Argilla	16.84	1.07	32.72	85	17.1	44.2	22.5		1.9	7.7	69.7	64.1	0.38
Argilla limosa - Argilla	16.86	1.07	33.65	85	17.1	44.0	22.5		1.9	7.7	69.9	64.3	0.38
Argilla limosa - Argilla	16.88	1.07	36.40	87	17.2	43.9	22.6		1.9	7.7	70.4	64.8	0.38
Argilla limosa - Argilla	16.90	1.12	38.80	86	17.3	46.0	22.7		1.9	8.1	71.5	65.9	0.38
Argilla limosa - Argilla	16.92	1.17	40.54	85	17.3	48.5	22.9		1.9	8.4	72.6	67.0	0.38
Argilla limosa - Argilla	16.94	1.21	43.45	85	17.4	50.2	23.0		1.9	8.7	73.6	68.0	0.39
Argilla limosa - Argilla	16.96	1.23	44.54	85	17.5	51.3	23.1		1.9	8.9	74.1	68.6	0.39
Argilla limosa - Argilla	16.98	1.23	44.84	85	17.5	51.1	23.1		1.9	8.9	74.1	68.6	0.39
Argilla limosa - Argilla	17.00	1.21	46.51	86	17.5	49.4	23.0		1.9	8.7	73.9	68.3	0.39
Argilla limosa - Argilla	17.02	1.22	46.95	86	17.5	50.2	23.0		1.9	8.8	74.2	68.7	0.39
Argilla limosa - Argilla	17.04	1.23	49.76	87	17.6	50.0	23.1		1.9	8.8	74.6	69.0	0.39
Argilla limosa - Argilla	17.06	1.22	52.20	88	17.6	49.0	23.0		1.9	8.8	74.7	69.1	0.39
Argilla limosa - Argilla	17.08	1.19	54.91	90	17.7	46.8	22.9		1.9	8.5	74.5	68.8	0.39
Argilla limosa - Argilla	17.10	1.16	56.92	91	17.7	45.2	22.8		1.9	8.4	74.2	68.5	0.38
Argilla limosa - Argilla	17.12	1.12	56.87	93	17.7	42.7	22.7		1.9	8.0	73.5	67.6	0.38
Argilla limosa - Argilla	17.14	1.10	56.71	93	17.7	41.6	22.6		1.9	7.9	73.1	67.3	0.38
Argilla limosa - Argilla	17.16	1.11	56.65	93	17.7	42.2	22.6		1.9	7.9	73.4	67.5	0.38
Argilla limosa - Argilla	17.18	1.10	55.32	93	17.7	41.8	22.6		1.9	7.9	73.1	67.2	0.38
Argilla limosa - Argilla	17.20	1.08	53.31	93	17.6	41.2	22.5		1.9	7.8	72.7	66.8	0.38
Argilla limosa - Argilla	17.22	1.11	49.58	90	17.5	43.3	22.6		1.9	8.0	72.9	67.1	0.38
Argilla limosa - Argilla	17.24	1.10	47.76	90	17.5	42.5	22.6		1.9	7.8	72.5	66.6	0.38
Argilla limosa - Argilla	17.26	1.11	46.05	89	17.5	43.3	22.6		1.9	7.9	72.5	66.7	0.38
Argilla limosa - Argilla	17.28	1.11	44.86	89	17.4	43.8	22.6		1.9	7.9	72.5	66.7	0.38
Argilla limosa - Argilla	17.30	1.10	44.52	89	17.4	43.2	22.6		1.9	7.8	72.3	66.5	0.38
Argilla limosa - Argilla	17.32	1.11	43.80	88	17.4	43.9	22.6		1.9	7.9	72.4	66.7	0.38
Argilla limosa - Argilla	17.34	1.12	43.21	88	17.4	44.6	22.7		1.9	8.0	72.6	66.8	0.38
Argilla limosa - Argilla	17.36	1.13	43.21	88	17.4	44.8	22.7		1.9	8.0	72.7	66.9	0.38
Argilla limosa - Argilla	17.38	1.11	42.31	88	17.4	44.0	22.6		1.9	7.9	72.3	66.6	0.38
Argilla limosa - Argilla	17.40	1.06	41.67	89	17.3	41.2	22.4		1.8	7.5	71.4	65.5	0.38
Argilla limosa - Argilla	17.42	1.03	40.62	90	17.3	39.6	22.3		1.8	7.3	70.7	64.8	0.38
Argilla limosa - Argilla	17.44	1.03	39.61	90	17.3	39.7	22.3		1.8	7.3	70.7	64.8	0.37
Argilla limosa - Argilla	17.46	1.03	39.97	90	17.3	39.7	22.3		1.8	7.3	70.7	64.8	0.38
Argilla limosa - Argilla	17.48	1.03	39.93	90	17.3	39.7	22.3		1.8	7.3	70.8	64.9	0.37
Argilla limosa - Argilla	17.50	1.04	40.27	90	17.3	39.9	22.3		1.8	7.3	70.9	65.0	0.38
Argilla limosa - Argilla	17.52	1.05	39.83	89	17.3	40.8	22.4		1.8	7.4	71.2	65.3	0.38
Argilla limosa - Argilla	17.54	1.05	39.61	89	17.3	40.8	22.4		1.8	7.4	71.2	65.3	0.38
Argilla limosa - Argilla	17.56	1.03	39.44	89	17.3	39.7	22.3		1.8	7.3	70.8	64.9	0.37
Argilla limosa - Argilla	17.58	1.00	38.92	91	17.2	37.7	22.1		1.8	7.0	70.1	64.1	0.37
Argilla limosa - Argilla	17.60	0.98	37.87	91	17.2	36.7	22.0		1.8	6.9	69.6	63.6	0.37
Argilla limosa - Argilla	17.62	0.97	36.62	91	17.1	36.3	22.0		1.8	6.8	69.3	63.3	0.37
Argilla limosa - Argilla	17.64	0.98	36.02	90	17.1	37.2	22.1		1.8	6.9	69.5	63.6	0.37
Argilla limosa - Argilla	17.66	1.02	35.27	88	17.1	39.5	22.2		1.8	7.1	70.2	64.3	0.37
Argilla limosa - Argilla	17.68	1.09	33.83	85	17.1	44.0	22.5		1.8	7.7	71.3	65.5	0.38
Limo argilloso - Argilla limosa	17.70	1.15	32.58	82	17.1	36.7	22.7		1.8	10.0	72.2	66.6	0.38
Limo argilloso - Argilla limosa	17.72	1.22	32.12	80	17.1	39.6	22.9		1.9	10.6	73.2	67.7	0.39
Limo argilloso - Argilla limosa	17.74	1.26	34.58	80	17.2	41.2	23.1		1.9	11.0	74.3	68.8	0.39
Limo argilloso - Argilla limosa	17.76	1.27	38.18	81	17.3	41.1	23.1		1.9	11.1	75.0	69.4	0.39
Limo argilloso - Argilla limosa	17.78	1.28	39.95	81	17.3	41.3	23.1		1.9	11.2	75.4	69.8	0.39
Limo argilloso - Argilla limosa	17.80	1.27	44.47	84	17.5	40.3	23.1		1.9	11.1	75.8	70.1	0.39
Argilla limosa - Argilla	17.82	1.25	48.80	86	17.6	50.2	23.0		1.9	8.8	75.9	70.2	0.39
Argilla limosa - Argilla	17.84	1.24	50.11	86	17.6	49.7	23.0		1.9	8.8	75.9	70.2	0.39
Argilla limosa - Argilla	17.86	1.20	54.19	89	17.7	47.2	22.9		1.9	8.6	75.8	70.0	0.38
Argilla limosa - Argilla	17.88	1.19	53.21	89	17.7	46.7	22.8		1.9	8.5	75.5	69.7	0.38
Argilla limosa - Argilla	17.90	1.19	53.29	89	17.7	46.3	22.8		1.9	8.4	75.5	69.6	0.38
Argilla limosa - Argilla	17.92	1.18	52.12	89	17.6	45.8	22.8		1.9	8.3	75.2	69.3	0.38
Argilla limosa - Argilla	17.94	1.17	50.46	89	17.6	45.4	22.7		1.9	8.3	74.9	69.0	0.38
Argilla limosa - Argilla	17.96	1.16	48.40	88	17.5	45.4	22.7		1.9	8.2	74.6	68.8	0.38
Argilla limosa - Argilla	17.98	1.17	45.48	87	17.5	46.4	22.7		1.9	8.3	74.5	68.7	0.38
Argilla limosa - Argilla	18.00	1.19	44.10	86	17.4	47.7	22.8		1.9	8.4	74.7	68.9	0.38

Argilla limosa - Argilla	18.02	1.22	44.20	85	17.4	49.1	22.9			1.9	8.6	75.2	69.4	0.39
Argilla limosa - Argilla	18.04	1.24	45.32	85	17.5	50.5	23.0			1.9	8.8	75.8	70.1	0.39
Argilla limosa - Argilla	18.06	1.24	47.92	85	17.6	52.2	23.1			1.9	9.1	76.7	71.0	0.39
Argilla limosa - Argilla	18.08	1.27	49.70	85	17.6	52.6	23.1			1.9	9.2	77.1	71.4	0.39
Argilla limosa - Argilla	18.10	1.32	50.67	84	17.6	54.8	23.3			1.9	9.5	77.9	72.3	0.39
Argilla limosa - Argilla	18.12	1.34	53.42	84	17.7	55.5	23.3			1.9	9.6	78.5	72.9	0.39
Argilla limosa - Argilla	18.14	1.33	59.50	87	17.8	53.6	23.3			1.9	9.5	78.8	73.1	0.39
Argilla limosa - Argilla	18.16	1.31	63.82	88	17.9	52.1	23.2			1.9	9.4	78.9	73.2	0.39
Argilla limosa - Argilla	18.18	1.31	67.58	89	18.0	51.7	23.2			1.9	9.4	79.2	73.5	0.39
Argilla limosa - Argilla	18.20	1.31	70.11	90	18.0	51.5	23.2			1.9	9.4	79.5	73.7	0.39
Argilla limosa - Argilla	18.22	1.35	71.57	89	18.0	53.5	23.3			1.9	9.7	80.3	74.5	0.39
Argilla limosa - Argilla	18.24	1.39	73.79	89	18.1	55.4	23.5			1.9	10.0	81.1	75.4	0.39
Argilla limosa - Argilla	18.26	1.43	74.38	88	18.1	57.2	23.6			1.9	10.3	81.7	76.0	0.40
Argilla limosa - Argilla	18.28	1.44	74.40	87	18.1	58.0	23.6			1.9	10.4	81.9	76.3	0.40
Argilla limosa - Argilla	18.30	1.46	74.91	87	18.1	58.7	23.6			1.9	10.5	82.2	76.6	0.40
Argilla limosa - Argilla	18.32	1.46	75.66	87	18.1	58.8	23.6			1.9	10.5	82.4	76.7	0.40
Argilla limosa - Argilla	18.34	1.47	77.43	87	18.2	59.2	23.7			1.9	10.6	82.7	77.1	0.40
Argilla limosa - Argilla	18.36	1.49	80.60	88	18.2	59.6	23.7			1.9	10.7	83.1	77.5	0.40
Argilla limosa - Argilla	18.38	1.52	82.04	87	18.2	61.1	23.8			1.9	10.9	83.7	78.1	0.40
Argilla limosa - Argilla	18.40	1.52	83.78	88	18.3	60.8	23.8			1.9	10.9	83.8	78.2	0.40
Argilla limosa - Argilla	18.42	1.53	85.76	88	18.3	61.2	23.8			1.9	11.0	84.2	78.6	0.40
Argilla limosa - Argilla	18.44	1.54	84.71	87	18.3	62.0	23.8			1.9	11.1	84.3	78.8	0.40
Argilla limosa - Argilla	18.46	1.57	83.46	86	18.3	63.6	23.9			1.9	11.3	84.7	79.1	0.40
Argilla limosa - Argilla	18.48	1.63	81.65	84	18.3	67.3	24.0			1.9	11.8	85.5	80.1	0.40
Argilla limosa - Argilla	18.50	1.64	82.87	84	18.3	67.7	24.0			1.9	11.9	85.8	80.3	0.41
Argilla limosa - Argilla	18.52	1.64	83.89	85	18.3	67.2	24.0			1.9	11.8	85.8	80.3	0.40
Argilla limosa - Argilla	18.54	1.65	83.72	84	18.3	67.8	24.0			1.9	11.9	85.9	80.5	0.41
Argilla limosa - Argilla	18.56	1.65	84.77	85	18.3	67.6	24.0			1.9	11.9	86.0	80.6	0.41
Argilla limosa - Argilla	18.58	1.62	86.73	86	18.3	66.0	24.0			1.9	11.7	85.8	80.3	0.40
Argilla limosa - Argilla	18.60	1.59	89.82	87	18.4	64.0	23.9			1.9	11.5	85.6	80.1	0.40
Argilla limosa - Argilla	18.62	1.65	87.48	85	18.3	67.6	24.0			1.9	11.9	86.4	80.9	0.41
Limo argilloso - Argilla limosa	18.64	1.69	84.77	84	18.3	54.1	24.1			1.9	15.0	86.7	81.3	0.41
Limo argilloso - Argilla limosa	18.66	1.70	84.83	83	18.3	54.6	24.1			1.9	15.1	86.9	81.5	0.41
Limo argilloso - Argilla limosa	18.68	1.70	83.99	83	18.3	54.9	24.1			1.9	15.1	87.0	81.6	0.41
Limo argilloso - Argilla limosa	18.70	1.73	80.98	82	18.3	56.1	24.2			1.9	15.3	87.1	81.8	0.41
Limo argilloso - Argilla limosa	18.72	1.73	80.95	82	18.3	56.2	24.2			1.9	15.4	87.2	81.9	0.41
Limo argilloso - Argilla limosa	18.74	1.71	84.64	83	18.3	54.9	24.1			1.9	15.1	87.1	81.7	0.41
Limo argilloso - Argilla limosa	18.76	1.71	87.82	84	18.4	54.8	24.1			1.9	15.2	87.4	82.0	0.41
Argilla limosa - Argilla	18.78	1.72	90.92	84	18.4	70.7	24.1			2.0	12.4	87.8	82.4	0.41
Limo argilloso - Argilla limosa	18.80	1.75	92.86	84	18.4	56.0	24.2			2.0	15.6	88.3	83.0	0.41
Limo argilloso - Argilla limosa	18.82	1.81	92.36	83	18.4	58.5	24.3			2.0	16.1	89.1	83.8	0.41
Limo argilloso - Argilla limosa	18.84	1.81	91.62	82	18.4	58.7	24.3			2.0	16.1	89.2	83.9	0.41
Limo argilloso - Argilla limosa	18.86	1.74	89.43	84	18.4	55.5	24.1			1.9	15.4	88.0	82.6	0.41
Argilla limosa - Argilla	18.88	1.63	88.44	86	18.4	65.7	23.9			1.9	11.7	86.5	80.9	0.40
Argilla limosa - Argilla	18.90	1.56	84.43	87	18.3	62.5	23.8			1.9	11.2	85.3	79.7	0.40
Argilla limosa - Argilla	18.92	1.50	77.04	87	18.2	59.7	23.7			1.9	10.7	83.9	78.2	0.40
Argilla limosa - Argilla	18.94	1.46	73.92	87	18.1	57.8	23.5			1.9	10.3	83.1	77.3	0.40
Argilla limosa - Argilla	18.96	1.44	69.92	86	18.0	57.2	23.5			1.9	10.2	82.5	76.8	0.39
Argilla limosa - Argilla	18.98	1.43	65.16	85	18.0	57.2	23.4			1.9	10.1	82.0	76.3	0.39
Argilla limosa - Argilla	19.00	1.40	62.26	85	17.9	56.1	23.4			1.9	9.9	81.4	75.6	0.39
Argilla limosa - Argilla	19.02	1.35	58.37	86	17.8	53.5	23.2			1.9	9.5	80.2	74.4	0.39
Argilla limosa - Argilla	19.04	1.32	55.32	86	17.7	52.2	23.1			1.8	9.2	79.5	73.6	0.39
Argilla limosa - Argilla	19.06	1.28	55.24	87	17.7	50.3	23.0			1.8	9.0	79.0	73.0	0.39
Argilla limosa - Argilla	19.08	1.25	53.53	87	17.7	48.8	22.9			1.8	8.7	78.3	72.4	0.39
Argilla limosa - Argilla	19.10	1.25	51.08	86	17.6	49.0	22.9			1.8	8.7	78.1	72.1	0.39
Argilla limosa - Argilla	19.12	1.28	48.30	85	17.6	51.0	23.0			1.8	8.9	78.3	72.4	0.39
Limo argilloso - Argilla limosa	19.14	1.32	44.78	82	17.5	41.5	23.1			1.8	11.3	78.6	72.8	0.39
Limo argilloso - Argilla limosa	19.16	1.36	43.23	80	17.5	43.5	23.2			1.8	11.7	79.1	73.4	0.39
Limo argilloso - Argilla limosa	19.18	1.40	41.66	79	17.4	45.4	23.4			1.8	12.0	79.6	73.9	0.39
Limo argilloso - Argilla limosa	19.20	1.42	40.99	78	17.4	46.4	23.4			1.8	12.2	79.8	74.2	0.39
Limo argilloso - Argilla limosa	19.22	1.45	40.16	77	17.4	48.1	23.5			1.8	12.5	80.3	74.7	0.40
Limo argilloso - Argilla limosa	19.24	1.47	41.55	77	17.4	48.6	23.6			1.8	12.7	80.7	75.1	0.40
Limo argilloso - Argilla limosa	19.26	1.44	45.56	79	17.5	46.8	23.5			1.8	12.4	80.8	75.1	0.39
Limo argilloso - Argilla limosa	19.28	1.47	45.25	78	17.5	48.0	23.5			1.9	12.7	81.2	75.6	0.40
Limo argilloso - Argilla limosa	19.30	1.50	45.05	77	17.5	49.3	23.6			1.9	12.9	81.6	76.1	0.40
Limo argilloso - Argilla limosa	19.32	1.51	46.74	78	17.6	49.8	23.7			1.9	13.1	82.1	76.5	0.40
Limo argilloso - Argilla limosa	19.34	1.53	46.63	77	17.6	50.5	23.7			1.9	13.2	82.4	76.8	0.40
Limo argilloso - Argilla limosa	19.36	1.52	48.24	78	17.6	49.9	23.7			1.9	13.1	82.4	76.8	0.40
Limo argilloso - Argilla limosa	19.38	1.53	47.36	78	17.6	50.3	23.7			1.9	13.2	82.5	76.9	0.40
Limo argilloso - Argilla limosa	19.40	1.49	47.14	78	17.6	48.7	23.6			1.9	12.9	81.9	76.3	0.40
Limo argilloso - Argilla limosa	19.42	1.44	50.72	81	17.7	46.1	23.5			1.8	12.4	81.6	75.9	0.39
Limo argilloso - Argilla limosa	19.44	1.44	50.53	81	17.7	46.0	23.4			1.8	12.4	81.6	75.8	0.39
Limo argilloso - Argilla limosa	19.46	1.50	47.44	78	17.6	49.2	23.6			1.9	13.0	82.3	76.6	0.40
Limo argilloso - Argilla limosa	19.48	1.53	47.86	78	17.6	50.2	23.7			1.9	13.2	82.7	77.1	0.40
Limo argilloso - Argilla limosa	19.50	1.53	47.87	78	17.6	50.4	23.7			1.9	13.2	82.8	77.2	0.40
Limo argilloso - Argilla limosa	19.52	1.54	49.94	78	17.7	50.6	23.7			1.9	13.3	83.2	77.6	0.40
Limo argilloso - Argilla limosa	19.54	1.51	49.41	79	17.7	49.3	23.6			1.9	13.1	82.7	77.1	0.40
Limo argilloso - Argilla limosa	19.56	1.49	47.65	78	17.6	48.6	23.6			1.8	12.9	82.3	76.6	0.40
Limo argilloso - Argilla limosa	19.58	1.49	46.81	78	17.6	48.8	23.6			1.8	12.9	82.2	76.6	0.40
Limo argilloso - Argilla limosa	19.60	1.55	45.06	76	17.6	51.8	23.7			1.9	13.4	82.9	77.4	0.40
Limo argilloso - Argilla limosa	19.62	1.59	46.61	76	17.6	53.1	23.8			1.9	13.7	83.7	78.1	0.40
Limo argilloso - Argilla limosa	19.64	1.62	47.84	75	17.6	54.5	23.9			1.9	14.1	84.3	78.9	0.40
Limo argilloso - Argilla limosa	19.66	1.64	48.46	75	17.7	55.3	23.9			1.9	14.2	84.7	79.3	0.40

Limo argilloso - Argilla limosa	19.68	1.64	49.38	75	17.7	55.0	23.9		1.9	14.2	84.8	79.3	0.40
Limo argilloso - Argilla limosa	19.70	1.61	52.67	77	17.8	53.3	23.8		1.9	14.0	84.8	79.2	0.40
Limo argilloso - Argilla limosa	19.72	1.57	57.33	80	17.8	51.0	23.8		1.9	13.6	84.7	79.1	0.40
Limo argilloso - Argilla limosa	19.74	1.60	57.51	79	17.8	52.1	23.8		1.9	13.9	85.1	79.5	0.40
Limo argilloso - Argilla limosa	19.76	1.64	58.12	78	17.9	54.1	23.9		1.9	14.3	85.9	80.3	0.40
Limo argilloso - Argilla limosa	19.78	1.69	60.39	78	17.9	55.8	24.0		1.9	14.7	86.8	81.3	0.41
Limo argilloso - Argilla limosa	19.80	1.74	59.89	76	17.9	58.3	24.1		1.9	15.2	87.5	82.1	0.41
Limo argilloso - Argilla limosa	19.82	1.81	59.57	75	17.9	61.3	24.2		1.9	15.8	88.4	83.1	0.41
Limo argilloso - Argilla limosa	19.84	1.81	59.44	75	17.9	61.2	24.2		1.9	15.8	88.4	83.1	0.41
Limo argilloso - Argilla limosa	19.86	1.82	58.02	74	17.9	62.2	24.3		1.9	16.0	88.5	83.3	0.41
Limo argilloso - Argilla limosa	19.88	1.85	61.15	74	18.0	63.0	24.3		1.9	16.2	89.2	83.9	0.41
Limo argilloso - Argilla limosa	19.90	1.90	63.18	74	18.0	64.8	24.4		1.9	16.7	90.0	84.8	0.41
Limo argilloso - Argilla limosa	19.92	1.92	67.13	75	18.1	65.2	24.4		1.9	16.9	90.7	85.5	0.41
Limo argilloso - Argilla limosa	19.94	1.91	72.16	76	18.2	64.0	24.4		1.9	16.7	90.9	85.7	0.41
Limo argilloso - Argilla limosa	19.96	1.92	76.65	77	18.2	63.9	24.4		1.9	16.8	91.4	86.1	0.41
Limo argilloso - Argilla limosa	19.98	1.89	80.34	78	18.3	62.5	24.4		1.9	16.6	91.4	86.1	0.41
Limo argilloso - Argilla limosa	20.00	1.85	83.46	80	18.3	60.7	24.3		1.9	16.3	91.2	85.8	0.41
Limo argilloso - Argilla limosa	20.02	1.90	83.03	79	18.3	62.7	24.4		1.9	16.7	91.8	86.5	0.41
Limo argilloso - Argilla limosa	20.04	1.95	80.92	77	18.3	64.9	24.5		1.9	17.2	92.3	87.1	0.41

SUCCESSIONE LITOLOGICA E PARAMETRI GEOTECNICI Cpt_U 02

Commissa:	ANDRIA S. Coop.r.l. - AbitCOOP soc. coop	Legenda												
Località:	Carpi (MO)	FC	Contenuto di fine in percentuale	OCR	Grado di sovraconsolidazione									
Indirizzo:	Via Meloni di Quartirolo	yt	Peso dell'unità di volume totale	Mo	Modulo edometrico									
Prova:	CPTU 2	su	Resistenza o Coesione non drenat	Gmax	Modulo di Taglio									
Data di indagine:	10 ottobre 2023	Dr	Densità relativa	Ey	Modulo di Young									
Falda:	m da p.c.	φ'	Resistenza drenata o di attrito	μ	Coefficiente di Poisson									
Liv. Piezometrico:	3.10 m da p.c.													
Latitudine:	0.00													
Longitudine:	0.00													
Robertson (1986)	Quota base strato da p.c.	Resistenza alla punta	Resistenza di attrito laterale	Yi F. (2010)	Robertson & Cabal (2009)	Robertson (2010)	Mayne et al (2014)	Jamiolkowski et al (2001)	Mayne et al (1998)	Togliani (2012)	Gmax	Lambe e whitman (1979)	μ	
Litologia	Z (m)	qc (MPa)	fs (kPa)	FC%	yt (kNm3)	su (kPa)	φ' (°)	Dr (%)	OCR	Mo (MPa)	Go (MPa)	Ey (MPa)		
Sabbia limosa - Limo sabbioso	0.02	1.54	11.30	58	15.9		36.9	83	16.0	10.8	4.0	3.9	0.45	
Sabbia pulita - Sabbia limosa	0.04	3.92	12.55	23	16.4		35.6	98	14.0	27.4	7.2	7.2	0.50	
Sabbia pulita - Sabbia limosa	0.06	4.43	16.09	21	16.8		35.8	96	12.3	31.0	9.2	9.2	0.50	
Sabbia limosa - Limo sabbioso	0.08	4.53	25.17	25	17.3		36.2	92	11.2	31.7	10.9	10.9	0.50	
Sabbia limosa - Limo sabbioso	0.10	4.68	30.78	27	17.5		36.4	90	10.4	32.8	12.3	12.3	0.50	
Sabbia limosa - Limo sabbioso	0.12	4.81	40.62	30	17.9		36.5	88	9.8	33.6	13.7	13.7	0.50	
Sabbia limosa - Limo sabbioso	0.14	4.77	63.49	38	18.4		36.7	86	9.3	33.4	15.2	15.1	0.49	
Sabbia limosa - Limo sabbioso	0.16	4.71	84.04	44	18.7		36.8	84	8.9	32.9	16.4	16.1	0.47	
Sabbia limosa - Limo sabbioso	0.18	4.63	98.54	48	18.9		36.9	81	8.5	32.4	17.4	17.0	0.46	
Sabbia limosa - Limo sabbioso	0.20	4.69	114.73	50	19.0		36.9	80	8.2	32.8	18.6	18.0	0.45	
Sabbia limosa - Limo sabbioso	0.22	4.82	127.74	51	19.2		36.9	80	7.9	33.7	19.7	19.0	0.45	
Sabbia limosa - Limo sabbioso	0.24	4.97	141.43	52	19.3		36.9	79	7.7	34.8	20.8	20.1	0.45	
Sabbia limosa - Limo sabbioso	0.26	5.25	156.51	52	19.4		36.9	79	7.5	36.8	22.1	21.4	0.45	
Sabbia limosa - Limo sabbioso	0.28	5.56	170.06	51	19.6		36.9	80	7.4	38.9	23.4	22.6	0.45	
Sabbia limosa - Limo sabbioso	0.30	5.87	179.22	50	19.6		36.9	80	7.2	41.1	24.6	23.9	0.46	
Sabbia limosa - Limo sabbioso	0.32	6.07	182.51	49	19.7		36.9	80	7.1	42.5	25.6	24.9	0.46	
Sabbia limosa - Limo sabbioso	0.34	6.26	184.38	48	19.7		36.9	80	7.0	43.8	26.6	25.8	0.46	
Sabbia limosa - Limo sabbioso	0.36	6.26	183.93	48	19.7		36.9	79	6.8	43.8	27.3	26.5	0.45	
Sabbia limosa - Limo sabbioso	0.38	6.15	180.27	48	19.7		36.9	78	6.6	43.0	27.9	26.8	0.44	
Sabbia limosa - Limo sabbioso	0.40	6.10	176.79	48	19.6		36.9	77	6.5	42.7	28.4	27.3	0.44	
Sabbia limosa - Limo sabbioso	0.42	6.09	178.32	48	19.6		36.9	77	6.4	42.6	29.1	27.8	0.43	
Sabbia limosa - Limo sabbioso	0.44	6.00	184.14	50	19.7		36.9	75	6.2	42.0	29.7	28.2	0.43	
Sabbia limosa - Limo sabbioso	0.46	5.83	195.86	52	19.7		36.8	74	6.1	40.8	30.2	28.5	0.42	
Sabbia limosa - Limo sabbioso	0.48	5.64	216.49	55	19.8		36.8	73	6.0	39.5	30.6	28.8	0.41	
Sabbia limosa - Limo sabbioso	0.50	5.39	234.25	59	19.9		36.7	71	5.9	37.7	31.0	28.9	0.40	
Limo - Argilla sovrconsolidato	0.52	5.19	251.02	61	20.0	197.0	36.6		5.8	182.8	31.3	31.3	0.50	
Limo - Argilla sovrconsolidato	0.54	5.12	265.76	63	20.0	192.5	31.5		5.7	178.2	31.9	31.9	0.50	
Limo - Argilla sovrconsolidato	0.56	5.13	278.32	64	20.1	191.9	31.5		5.6	177.0	32.5	32.5	0.50	
Limo - Argilla sovrconsolidato	0.58	5.00	285.91	66	20.1	186.1	31.4		5.5	170.7	32.9	32.9	0.50	
Limo - Argilla sovrconsolidato	0.60	4.88	289.33	67	20.1	180.7	31.3		5.4	164.5	33.2	33.2	0.50	
Limo - Argilla sovrconsolidato	0.62	4.70	288.37	68	20.1	173.5	31.2		5.4	156.7	33.4	33.4	0.50	
Limo - Argilla sovrconsolidato	0.64	4.60	283.09	69	20.1	169.7	31.1		5.3	151.6	33.6	33.6	0.50	
Limo - Argilla sovrconsolidato	0.66	4.47	276.10	69	20.0	164.6	31.0		5.2	145.5	33.8	33.8	0.50	
Limo - Argilla sovrconsolidato	0.68	4.32	271.96	70	20.0	158.7	30.9		5.1	139.0	33.9	33.9	0.50	
Limo - Argilla sovrconsolidato	0.70	4.20	267.77	71	20.0	154.3	30.8		5.0	133.8	34.0	34.0	0.50	
Limo - Argilla sovrconsolidato	0.72	4.08	266.78	72	20.0	149.3	30.7		4.9	128.6	34.2	34.2	0.50	
Limo - Argilla sovrconsolidato	0.74	3.99	268.92	73	20.0	145.7	30.6		4.9	124.8	34.4	34.4	0.50	
Limo - Argilla sovrconsolidato	0.76	3.91	267.02	74	19.9	142.4	30.5		4.8	121.1	34.6	34.6	0.50	
Limo - Argilla sovrconsolidato	0.78	3.78	266.30	75	19.9	137.0	30.4		4.7	115.7	34.7	34.7	0.50	
Limo - Argilla sovrconsolidato	0.80	3.62	267.07	77	19.9	130.7	30.3		4.7	109.8	34.7	34.7	0.50	
Limo - Argilla sovrconsolidato	0.82	3.42	241.76	77	19.8	124.0	30.1		4.6	102.3	34.3	34.3	0.50	
Limo - Argilla sovrconsolidato	0.84	3.17	216.58	78	19.6	115.3	29.8		4.5	93.3	33.8	33.8	0.50	
Limo - Argilla sovrconsolidato	0.86	3.01	213.17	79	19.6	109.1	29.6		4.4	87.7	33.6	33.6	0.50	
Limo - Argilla sovrconsolidato	0.88	2.91	210.76	80	19.6	105.3	29.5		4.4	84.1	33.6	33.6	0.50	
Limo - Argilla sovrconsolidato	0.90	2.89	209.77	81	19.5	104.1	29.4		4.3	82.6	33.9	33.9	0.50	
Limo - Argilla sovrconsolidato	0.92	2.97	204.56	79	19.5	107.8	29.5		4.3	84.8	34.4	34.4	0.50	
Limo - Argilla sovrconsolidato	0.94	3.10	197.53	77	19.5	113.5	29.6		4.3	88.3	35.1	35.1	0.50	
Limo - Argilla sovrconsolidato	0.96	3.05	188.36	77	19.4	111.8	29.5		4.2	86.0	35.1	35.1	0.50	
Limo - Argilla sovrconsolidato	0.98	2.88	183.04	78	19.4	105.2	29.3		4.2	80.3	34.8	34.8	0.50	
Limo - Argilla sovrconsolidato	1.00	2.82	179.31	79	19.4	103.0	29.2		4.1	78.1	34.9	34.9	0.50	
Limo - Argilla sovrconsolidato	1.02	2.73	180.45	80	19.3	99.5	29.1		4.1	75.2	34.9	34.9	0.50	
Limo - Argilla sovrconsolidato	1.04	2.58	181.85	82	19.3	93.4	28.9		4.0	70.3	34.7	34.7	0.50	
Limo - Argilla sovrconsolidato	1.06	2.54	180.85	83	19.3	91.5	28.8		4.0	68.6	34.8	34.8	0.50	
Limo - Argilla sovrconsolidato	1.08	2.57	181.42	82	19.3	92.8	28.8		4.0	69.2	35.2	35.2	0.50	
Limo - Argilla sovrconsolidato	1.10	2.58	177.43	82	19.3	93.3	28.8		3.9	69.1	35.5	35.5	0.50	
Limo - Argilla sovrconsolidato	1.12	2.49	169.94	82	19.2	90.0	28.6		3.9	66.1	35.3	35.3	0.50	
Limo - Argilla sovrconsolidato	1.14	2.27	159.10	85	19.1	81.9	28.3		3.8	59.5	34.6	34.3	0.49	
Limo - Argilla sovrconsolidato	1.16	2.16	155.89	86	19.1	77.7	28.1		3.7	56.1	34.3	34.0	0.49	
Limo - Argilla sovrconsolidato	1.18	2.15	153.95	86	19.1	77.5	28.1		3.7	55.7	34.5	34.2	0.49	
Limo - Argilla sovrconsolidato	1.20	2.22	150.65	84	19.1	80.6	28.1		3.7	57.4	35.0	34.7	0.49	
Limo - Argilla sovrconsolidato	1.22	2.30	146.51	83	19.0	84.1	28.2		3.7	59.4	35.6	35.3	0.49	
Limo - Argilla sovrconsolidato	1.24	2.29	144.40	83	19.0	83.5	28.2		3.7	58.6	35.7	35.4	0.49	
Limo - Argilla sovrconsolidato	1.26	2.09	141.33	86	19.0	75.6	27.9		3.6	52.9	35.0	34.6	0.48	
Limo - Argilla sovrconsolidato	1.28	2.11	139.56	85	19.0	76.4	27.9		3.6	53.1	35.3	34.9	0.48	
Limo - Argilla sovrconsolidato	1.30	2.31	138.07	81	19.0	84.8	28.1		3.6	58.5	36.5	36.1	0.49	
Limo - Argilla sovrconsolidato	1.32	2.47	130.43	78	18.9	91.9	28.3		3.6	62.5	37.3	37.0	0.49	
Limo - Argilla sovrconsolidato	1.34	2.51	121.63	76	18.9	94.5	28.4		3.6	63.4	37.5	37.3	0.49	
Limo - Argilla sovrconsolidato	1.36	2.47	120.40	76	18.8	92.8	28.3		3.6	62.1	37.6	37.3	0.49	
Limo - Argilla sovrconsolidato	1.38	2.49	121.81	76	18.9	93.3	28.3		3.6	62.2	37.9	37.7	0.49	
Limo - Argilla sovrconsolidato	1.40	2.63	123.07	74	18.9	99.3	28.5		3.6	66.0	38.8	38.6	0.49	

Limo argilloso - Argilla limosa	1.42	2.79	121.60	72	18.9	106.1	28.6		3.6	36.0	39.6	39.5	0.50
Limo argilloso - Argilla limosa	1.44	2.91	116.92	69	18.9	111.9	28.7		3.6	37.6	40.2	40.2	0.50
Limo argilloso - Argilla limosa	1.46	2.90	111.16	68	18.8	112.2	28.7		3.5	37.3	40.3	40.3	0.50
Limo argilloso - Argilla limosa	1.48	2.64	103.86	71	18.7	101.4	28.4		3.5	33.4	39.3	39.1	0.49
Limo argilloso - Argilla limosa	1.50	2.07	101.05	80	18.6	77.2	27.5		3.3	25.5	36.9	36.2	0.47
Argilla limosa - Argilla	1.52	1.72	100.83	87	18.5	80.5	26.8		3.2	16.8	35.2	34.3	0.46
Argilla limosa - Argilla	1.54	1.55	101.50	91	18.5	71.2	26.4		3.2	15.0	34.4	33.3	0.45
Argilla limosa - Argilla	1.56	1.48	100.86	93	18.4	67.5	26.3		3.2	14.2	34.1	32.9	0.45
Argilla limosa - Argilla	1.58	1.53	95.60	91	18.4	71.2	26.4		3.2	14.7	34.5	33.4	0.45
Argilla limosa - Argilla	1.60	1.55	87.97	88	18.3	73.7	26.4		3.1	15.0	34.7	33.6	0.45
Argilla limosa - Argilla	1.62	1.47	83.40	90	18.2	69.7	26.2		3.1	14.1	34.3	33.1	0.45
Argilla limosa - Argilla	1.64	1.33	76.03	92	18.1	62.6	25.8		3.0	12.5	33.3	31.9	0.44
Argilla limosa - Argilla	1.66	1.31	72.53	92	18.0	61.7	25.7		3.0	12.2	33.2	31.8	0.44
Argilla limosa - Argilla	1.68	1.19	73.69	96	18.0	55.0	25.4		3.0	11.0	32.5	31.0	0.43
Argilla limosa - Argilla	1.70	1.15	69.92	96	17.9	53.2	25.2		2.9	10.5	32.2	30.7	0.43
Argilla limosa - Argilla	1.72	1.14	65.96	95	17.9	53.1	25.2		2.9	10.4	32.2	30.6	0.43
Argilla limosa - Argilla	1.74	1.03	62.77	98	17.8	47.7	24.8		2.9	9.3	31.4	29.7	0.42
Argilla limosa - Argilla	1.76	0.97	61.68	100	17.7	44.6	24.6		2.8	8.7	31.0	29.2	0.42
Argilla limosa - Argilla	1.78	0.93	55.54	100	17.6	43.2	24.4		2.8	8.3	30.5	28.8	0.41
Argilla limosa - Argilla	1.80	1.03	54.79	96	17.6	48.7	24.8		2.8	9.2	31.5	29.8	0.42
Argilla limosa - Argilla	1.82	0.99	55.40	98	17.6	46.6	24.6		2.8	8.8	31.4	29.6	0.42
Argilla limosa - Argilla	1.84	0.89	54.74	100	17.6	41.4	24.3		2.7	7.9	30.6	28.8	0.41
Argilla limosa - Argilla	1.86	0.84	55.45	100	17.5	38.6	24.0		2.7	7.4	30.3	28.4	0.40
Argilla limosa - Argilla	1.88	0.83	51.96	100	17.5	38.4	24.0		2.7	7.3	30.2	28.2	0.40
Argilla limosa - Argilla	1.90	0.85	44.84	100	17.3	40.7	24.1		2.7	7.5	30.3	28.4	0.41
Argilla limosa - Argilla	1.92	0.87	40.25	97	17.2	42.8	24.2		2.7	7.7	30.4	28.6	0.41
Argilla limosa - Argilla	1.94	0.86	38.67	97	17.1	42.1	24.1		2.7	7.5	30.3	28.4	0.41
Argilla limosa - Argilla	1.96	0.82	36.15	98	17.0	40.2	23.9		2.6	7.1	29.9	28.0	0.40
Argilla limosa - Argilla	1.98	0.82	33.33	96	17.0	40.7	23.9		2.6	7.1	29.9	27.9	0.40
Argilla limosa - Argilla	2.00	0.85	32.38	95	16.9	42.6	24.0		2.6	7.3	30.2	28.3	0.40
Argilla limosa - Argilla	2.02	0.88	31.54	93	16.9	45.0	24.1		2.6	7.7	30.7	28.8	0.41
Argilla limosa - Argilla	2.04	0.92	31.56	91	16.9	47.4	24.3		2.6	8.0	31.2	29.3	0.41
Argilla limosa - Argilla	2.06	0.94	33.59	91	17.0	48.1	24.3		2.6	8.2	31.6	29.7	0.41
Argilla limosa - Argilla	2.08	0.90	35.49	94	17.1	44.9	24.1		2.6	7.8	31.4	29.5	0.41
Argilla limosa - Argilla	2.10	0.88	35.30	95	17.0	43.8	24.0		2.6	7.6	31.3	29.3	0.40
Argilla limosa - Argilla	2.12	0.86	35.84	96	17.1	42.4	23.9		2.6	7.4	31.3	29.2	0.40
Argilla limosa - Argilla	2.14	0.85	37.52	97	17.1	41.5	23.9		2.6	7.3	31.4	29.3	0.40
Argilla limosa - Argilla	2.16	0.83	36.14	97	17.1	40.8	23.8		2.5	7.1	31.2	29.2	0.40
Argilla limosa - Argilla	2.18	0.81	34.07	97	17.0	40.0	23.7		2.5	6.9	31.0	28.9	0.40
Argilla limosa - Argilla	2.20	0.88	32.40	93	16.9	44.1	24.0		2.5	7.4	31.7	29.7	0.40
Argilla limosa - Argilla	2.22	0.96	31.32	89	16.9	49.3	24.2		2.6	8.2	32.5	30.6	0.41
Argilla limosa - Argilla	2.24	1.03	31.95	87	17.0	53.7	24.5		2.6	8.8	33.4	31.5	0.41
Argilla limosa - Argilla	2.26	1.04	33.83	87	17.1	53.4	24.5		2.6	8.9	33.7	31.7	0.41
Argilla limosa - Argilla	2.28	0.94	37.98	93	17.2	46.8	24.1		2.5	8.0	33.2	31.1	0.41
Argilla limosa - Argilla	2.30	0.89	39.79	96	17.2	43.5	23.9		2.5	7.5	32.9	30.8	0.40
Argilla limosa - Argilla	2.32	0.86	42.50	99	17.3	41.1	23.8		2.5	7.2	32.8	30.6	0.40
Argilla limosa - Argilla	2.34	0.85	45.72	100	17.3	40.3	23.8		2.5	7.2	33.0	30.8	0.40
Argilla limosa - Argilla	2.36	0.88	44.68	98	17.3	41.8	23.8		2.5	7.4	33.3	31.1	0.40
Argilla limosa - Argilla	2.38	0.82	45.86	100	17.3	38.3	23.6		2.5	6.8	32.8	30.6	0.40
Argilla limosa - Argilla	2.40	0.77	41.66	100	17.2	36.3	23.3		2.4	6.4	32.2	29.9	0.39
Argilla limosa - Argilla	2.42	0.79	39.77	100	17.1	37.6	23.4		2.4	6.5	32.5	30.2	0.39
Argilla limosa - Argilla	2.44	0.80	35.91	98	17.0	38.8	23.4		2.4	6.6	32.5	30.2	0.39
Argilla limosa - Argilla	2.46	0.78	32.12	98	16.9	37.9	23.3		2.4	6.4	32.0	29.7	0.39
Argilla limosa - Argilla	2.48	0.77	32.07	98	16.9	37.6	23.2		2.4	6.3	32.1	29.7	0.39
Argilla limosa - Argilla	2.50	0.75	36.05	100	17.0	35.5	23.1		2.4	6.1	32.1	29.7	0.39
Argilla limosa - Argilla	2.52	0.73	37.82	100	17.1	34.1	23.0		2.4	5.9	32.1	29.7	0.39
Argilla limosa - Argilla	2.54	0.75	36.10	100	17.0	35.7	23.1		2.4	6.1	32.4	30.0	0.39
Argilla limosa - Argilla	2.56	0.74	37.04	100	17.0	35.0	23.0		2.4	6.0	32.4	30.0	0.39
Argilla limosa - Argilla	2.58	0.70	35.73	100	17.0	32.9	22.8		2.3	5.6	32.0	29.5	0.38
Argilla limosa - Argilla	2.60	0.65	35.44	100	16.9	29.8	22.4		2.3	5.2	31.3	28.8	0.38
Argilla limosa - Argilla	2.62	0.62	33.67	100	16.9	28.6	22.2		2.3	4.9	31.0	28.4	0.37
Argilla limosa - Argilla	2.64	0.63	30.49	100	16.8	29.6	22.3		2.3	5.0	31.0	28.4	0.37
Argilla limosa - Argilla	2.66	0.68	28.49	100	16.7	32.5	22.5		2.3	5.4	31.6	29.0	0.38
Argilla limosa - Argilla	2.68	0.81	27.71	94	16.7	40.5	23.3		2.3	6.5	33.2	30.8	0.39
Argilla limosa - Argilla	2.70	0.98	28.19	87	16.8	51.1	24.0		2.4	8.0	35.2	33.0	0.41
Argilla limosa - Argilla	2.72	1.04	29.21	85	16.9	53.8	24.2		2.4	8.4	35.9	33.7	0.41
Argilla limosa - Argilla	2.74	0.98	31.62	89	17.0	48.8	23.9		2.4	7.8	35.5	33.2	0.40
Argilla limosa - Argilla	2.76	0.86	35.63	96	17.0	41.2	23.4		2.3	6.8	34.6	32.2	0.39
Argilla limosa - Argilla	2.78	0.82	36.18	98	17.0	38.8	23.2		2.3	6.5	34.3	31.8	0.39
Argilla limosa - Argilla	2.80	0.93	44.35	96	17.3	43.5	23.7		2.4	7.4	36.1	33.6	0.40
Argilla limosa - Argilla	2.82	1.02	56.01	97	17.6	47.5	24.0		2.4	8.3	37.8	35.4	0.41
Argilla limosa - Argilla	2.84	1.02	55.64	97	17.6	47.3	24.0		2.4	8.2	37.9	35.5	0.40
Argilla limosa - Argilla	2.86	1.04	53.01	95	17.6	48.7	24.1		2.4	8.4	38.1	35.7	0.41
Argilla limosa - Argilla	2.88	1.03	52.25	95	17.6	48.3	24.0		2.4	8.3	38.1	35.6	0.41
Argilla limosa - Argilla	2.90	1.01	53.04	96	17.6	47.0	24.0		2.4	8.1	38.0	35.6	0.40
Argilla limosa - Argilla	2.92	1.02	51.60	95	17.5	48.0	24.0		2.4	8.2	38.2	35.8	0.40
Argilla limosa - Argilla	2.94	1.04	52.16	95	17.6	48.8	24.0		2.4	8.3	38.5	36.0	0.41
Argilla limosa - Argilla	2.96	1.04	53.23	95	17.6	48.9	24.0		2.4	8.3	38.7	36.2	0.41
Argilla limosa - Argilla	2.98	1.03	54.75	96	17.6	48.1	24.0		2.4	8.2	38.8	36.3	0.40
Argilla limosa - Argilla	3.00	1.02	55.43	97	17.6	47.1	23.9		2.4	8.1	38.7	36.2	0.40
Argilla limosa - Argilla	3.02	1.01	55.83	97	17.6	46.8	23.9		2.4	8.1	38.8	36.3	0.40
Argilla limosa - Argilla	3.04	1.02	55.53	97	17.6	47.1	23.9		2.3	8.1	39.0	36.4	0.40

Argilla limosa - Argilla	3.06	1.02	54.65	96	17.6	47.4	23.9		2.3	8.1	39.1	36.6	0.40
Argilla limosa - Argilla	3.08	1.03	52.24	95	17.6	48.3	23.9		2.3	8.2	39.2	36.7	0.40
Argilla limosa - Argilla	3.10	1.04	50.46	94	17.5	49.1	24.0		2.3	8.2	39.3	36.8	0.40
Argilla limosa - Argilla	3.12	1.06	49.07	93	17.5	50.4	24.0		2.3	8.4	39.5	37.0	0.41
Argilla limosa - Argilla	3.14	1.02	48.91	94	17.5	48.2	23.9		2.3	8.1	39.1	36.6	0.40
Argilla limosa - Argilla	3.16	0.89	47.84	99	17.4	41.1	23.4		2.3	7.0	37.7	35.0	0.39
Argilla limosa - Argilla	3.18	0.84	45.09	100	17.3	38.6	23.1		2.3	6.5	37.0	34.2	0.39
Argilla limosa - Argilla	3.20	0.80	45.16	100	17.3	36.2	22.9		2.2	6.2	36.5	33.7	0.38
Argilla limosa - Argilla	3.22	0.81	43.61	100	17.3	37.0	22.9		2.2	6.2	36.6	33.8	0.39
Argilla limosa - Argilla	3.24	0.89	40.31	96	17.2	43.0	23.4		2.3	7.0	37.6	34.9	0.39
Argilla limosa - Argilla	3.26	0.97	35.80	91	17.1	48.2	23.7		2.3	7.7	38.2	35.6	0.40
Argilla limosa - Argilla	3.28	1.02	37.39	90	17.2	50.7	23.9		2.3	8.1	38.9	36.3	0.40
Argilla limosa - Argilla	3.30	0.99	37.45	91	17.2	48.8	23.8		2.3	7.8	38.6	36.0	0.40
Argilla limosa - Argilla	3.32	0.93	39.66	94	17.2	44.6	23.5		2.3	7.3	38.0	35.4	0.40
Argilla limosa - Argilla	3.34	0.85	42.52	99	17.2	39.6	23.1		2.2	6.6	37.3	34.6	0.39
Argilla limosa - Argilla	3.36	0.79	44.63	100	17.3	36.0	22.8		2.2	6.1	36.7	33.9	0.38
Argilla limosa - Argilla	3.38	0.75	45.75	100	17.3	33.7	22.6		2.2	5.8	36.3	33.4	0.38
Argilla limosa - Argilla	3.40	0.70	47.14	100	17.3	31.1	22.3		2.2	5.4	35.8	32.9	0.38
Argilla limosa - Argilla	3.42	0.69	45.74	100	17.3	30.5	22.2		2.2	5.3	35.6	32.6	0.37
Argilla limosa - Argilla	3.44	0.77	43.13	100	17.2	35.1	22.7		2.2	5.9	36.6	33.7	0.38
Argilla limosa - Argilla	3.46	0.89	37.81	95	17.1	42.7	23.3		2.2	6.9	37.8	35.1	0.39
Argilla limosa - Argilla	3.48	1.04	35.22	88	17.1	52.4	23.9		2.3	8.2	39.4	36.8	0.40
Limo argilloso - Argilla limosa	3.50	1.16	34.26	84	17.1	44.9	24.2		2.3	11.2	40.4	38.0	0.41
Limo argilloso - Argilla limosa	3.52	1.29	36.50	80	17.2	50.2	24.6		2.3	12.5	41.8	39.5	0.42
Limo argilloso - Argilla limosa	3.54	1.53	41.21	76	17.4	59.9	25.2		2.4	15.0	44.2	42.1	0.43
Limo argilloso - Argilla limosa	3.56	1.70	50.80	75	17.7	65.6	25.5		2.4	16.8	46.1	44.2	0.44
Limo argilloso - Argilla limosa	3.58	1.79	59.04	76	17.9	68.3	25.7		2.5	17.8	47.3	45.4	0.44
Limo argilloso - Argilla limosa	3.60	1.78	64.25	78	18.0	67.0	25.7		2.5	17.7	47.5	45.6	0.44
Limo argilloso - Argilla limosa	3.62	1.73	63.60	79	18.0	64.9	25.6		2.4	17.1	47.2	45.2	0.44
Limo argilloso - Argilla limosa	3.64	1.61	57.54	80	17.8	60.6	25.3		2.4	15.8	46.0	43.9	0.43
Limo argilloso - Argilla limosa	3.66	1.49	52.51	81	17.7	55.7	25.0		2.4	14.4	44.8	42.5	0.43
Limo argilloso - Argilla limosa	3.68	1.41	50.20	82	17.6	52.7	24.8		2.4	13.6	44.0	41.7	0.42
Limo argilloso - Argilla limosa	3.70	1.39	52.41	84	17.7	51.3	24.8		2.4	13.4	44.0	41.7	0.42
Argilla limosa - Argilla	3.72	1.35	56.44	86	17.7	63.8	24.6		2.3	10.5	43.9	41.5	0.42
Argilla limosa - Argilla	3.74	1.25	60.35	90	17.8	57.5	24.4		2.3	9.7	43.2	40.7	0.41
Argilla limosa - Argilla	3.76	0.99	59.92	99	17.7	43.2	23.5		2.3	7.5	40.4	37.6	0.40
Argilla limosa - Argilla	3.78	0.79	54.61	100	17.5	33.3	22.6		2.2	5.9	37.8	34.8	0.38
Argilla limosa - Argilla	3.80	0.77	51.42	100	17.4	32.5	22.5		2.2	5.7	37.4	34.4	0.38
Argilla limosa - Argilla	3.82	0.66	47.83	100	17.3	27.0	21.8		2.1	4.8	35.7	32.5	0.37
Argilla limosa - Argilla	3.84	0.58	46.10	100	17.2	23.0	21.2		2.1	4.2	34.4	31.1	0.36
Argilla limosa - Argilla	3.86	0.54	41.71	100	17.0	21.0	20.9		2.0	3.8	33.4	30.1	0.35
Argilla limosa - Argilla	3.88	0.51	37.52	100	16.9	19.8	20.6		2.0	3.6	32.7	29.4	0.35
Argilla limosa - Argilla	3.90	0.48	30.03	100	16.6	18.9	20.4		2.0	3.3	31.7	28.4	0.34
Argilla limosa - Argilla	3.92	0.46	23.67	100	16.3	18.9	20.3		2.0	3.2	31.0	27.7	0.34
Argilla limosa - Argilla	3.94	0.47	18.06	100	16.0	20.6	20.4		2.0	3.3	30.7	27.5	0.34
Argilla limosa - Argilla	3.96	0.48	15.58	100	15.9	22.0	20.5		1.9	3.4	30.7	27.6	0.35
Argilla limosa - Argilla	3.98	0.50	14.54	100	15.8	23.5	20.7		2.0	3.6	31.0	27.9	0.35
Argilla limosa - Argilla	4.00	0.53	14.61	100	15.8	25.4	21.0		2.0	3.8	31.5	28.4	0.35
Argilla limosa - Argilla	4.02	0.55	15.44	100	15.9	26.5	21.1		2.0	4.0	32.0	28.9	0.36
Argilla limosa - Argilla	4.04	0.58	16.24	98	16.0	28.1	21.3		2.0	4.2	32.6	29.6	0.36
Argilla limosa - Argilla	4.06	0.61	18.04	98	16.1	29.4	21.5		2.0	4.4	33.4	30.3	0.36
Argilla limosa - Argilla	4.08	0.63	21.46	99	16.4	29.7	21.7		2.0	4.6	34.1	31.0	0.37
Argilla limosa - Argilla	4.10	0.65	25.29	100	16.5	29.8	21.8		2.1	4.7	34.7	31.6	0.37
Argilla limosa - Argilla	4.12	0.66	28.11	100	16.7	29.9	21.8		2.1	4.8	35.2	32.1	0.37
Argilla limosa - Argilla	4.14	0.67	30.09	100	16.8	30.4	21.9		2.1	4.9	35.6	32.5	0.37
Argilla limosa - Argilla	4.16	0.69	32.98	100	16.9	30.7	22.0		2.1	5.1	36.0	32.9	0.37
Argilla limosa - Argilla	4.18	0.69	35.23	100	17.0	30.7	22.0		2.1	5.1	36.3	33.2	0.37
Argilla limosa - Argilla	4.20	0.69	37.13	100	17.0	30.1	22.0		2.1	5.1	36.4	33.2	0.37
Argilla limosa - Argilla	4.22	0.68	38.45	100	17.0	29.6	21.9		2.1	5.0	36.4	33.3	0.37
Argilla limosa - Argilla	4.24	0.69	39.36	100	17.1	29.8	22.0		2.1	5.1	36.6	33.4	0.37
Argilla limosa - Argilla	4.26	0.70	40.16	100	17.1	30.2	22.0		2.1	5.1	36.8	33.6	0.37
Argilla limosa - Argilla	4.28	0.70	40.69	100	17.1	30.3	22.0		2.1	5.2	37.0	33.8	0.37
Argilla limosa - Argilla	4.30	0.69	41.71	100	17.1	29.4	21.9		2.1	5.0	36.8	33.6	0.37
Argilla limosa - Argilla	4.32	0.64	43.09	100	17.2	26.8	21.6		2.1	4.7	36.2	33.0	0.36
Argilla limosa - Argilla	4.34	0.62	43.19	100	17.1	25.4	21.5		2.1	4.5	35.9	32.6	0.36
Argilla limosa - Argilla	4.36	0.56	43.64	100	17.1	22.2	21.0		2.0	4.0	34.9	31.5	0.35
Argilla limosa - Argilla	4.38	0.54	42.63	100	17.1	21.3	20.9		2.0	3.9	34.6	31.1	0.35
Argilla limosa - Argilla	4.40	0.51	41.02	100	17.0	20.1	20.7		2.0	3.7	34.1	30.6	0.35
Argilla limosa - Argilla	4.42	0.48	39.10	100	16.9	18.6	20.4		2.0	3.4	33.4	29.9	0.34
Argilla limosa - Argilla	4.44	0.48	34.92	100	16.8	18.9	20.4		2.0	3.4	33.2	29.7	0.34
Argilla limosa - Argilla	4.46	0.48	31.26	100	16.7	19.2	20.4		2.0	3.4	33.0	29.5	0.34
Argilla limosa - Argilla	4.48	0.48	28.79	100	16.6	19.2	20.3		1.9	3.4	32.7	29.3	0.34
Argilla limosa - Argilla	4.50	0.47	26.58	100	16.5	18.8	20.2		1.9	3.3	32.4	29.0	0.34
Argilla limosa - Argilla	4.52	0.46	23.59	100	16.3	18.9	20.2		1.9	3.2	32.1	28.7	0.34
Argilla limosa - Argilla	4.54	0.48	20.20	100	16.2	20.5	20.4		1.9	3.4	32.1	28.8	0.34
Argilla limosa - Argilla	4.56	0.48	19.62	100	16.1	20.6	20.4		1.9	3.4	32.1	28.8	0.34
Argilla limosa - Argilla	4.58	0.51	19.64	100	16.2	22.3	20.6		1.9	3.6	32.7	29.4	0.35
Argilla limosa - Argilla	4.60	0.53	20.16	100	16.2	23.4	20.8		1.9	3.8	33.1	29.8	0.35
Argilla limosa - Argilla	4.62	0.57	19.50	100	16.2	25.6	21.1		2.0	4.0	33.7	30.4	0.36
Argilla limosa - Argilla	4.64	0.62	20.52	100	16.3	28.3	21.4		2.0	4.4	34.6	31.4	0.36
Argilla limosa - Argilla	4.66	0.62	22.29	100	16.4	28.2	21.4		2.0	4.4	34.9	31.7	0.36
Argilla limosa - Argilla	4.68	0.61	24.56	100	16.5	27.2	21.4		2.0	4.4	35.0	31.8	0.36

Argilla limosa - Argilla	4.70	0.62	24.69	100	16.5	27.4	21.4		2.0	4.4	35.1	31.9	0.36
Argilla limosa - Argilla	4.72	0.61	26.88	100	16.6	26.8	21.4		2.0	4.4	35.3	32.0	0.36
Argilla limosa - Argilla	4.74	0.62	28.55	100	16.7	27.1	21.4		2.0	4.5	35.6	32.3	0.36
Argilla limosa - Argilla	4.76	0.62	29.72	100	16.7	26.9	21.4		2.0	4.5	35.8	32.5	0.36
Argilla limosa - Argilla	4.78	0.62	30.30	100	16.7	26.8	21.4		2.0	4.5	35.9	32.5	0.36
Argilla limosa - Argilla	4.80	0.62	28.21	100	16.7	27.1	21.4		2.0	4.4	35.7	32.4	0.36
Argilla limosa - Argilla	4.82	0.61	27.72	100	16.6	27.2	21.4		2.0	4.5	35.7	32.4	0.36
Argilla limosa - Argilla	4.84	0.60	28.81	100	16.7	26.5	21.3		2.0	4.4	35.7	32.3	0.36
Argilla limosa - Argilla	4.86	0.58	29.05	100	16.7	25.3	21.2		2.0	4.2	35.4	32.0	0.36
Argilla limosa - Argilla	4.88	0.57	28.69	100	16.7	24.8	21.1		2.0	4.2	35.3	31.9	0.36
Argilla limosa - Argilla	4.90	0.55	27.88	100	16.6	24.1	21.0		2.0	4.0	35.0	31.6	0.35
Argilla limosa - Argilla	4.92	0.56	26.30	100	16.6	24.8	21.1		2.0	4.1	35.0	31.7	0.36
Argilla limosa - Argilla	4.94	0.55	24.53	100	16.5	24.3	21.0		1.9	4.0	34.7	31.3	0.35
Argilla limosa - Argilla	4.96	0.53	20.20	100	16.2	24.2	20.9		1.9	3.9	34.0	30.6	0.35
Argilla limosa - Argilla	4.98	0.53	16.94	100	16.0	25.1	20.9		1.9	3.9	33.7	30.4	0.35
Argilla limosa - Argilla	5.00	0.59	14.24	96	15.9	29.5	21.3		1.9	4.3	34.2	31.0	0.36
Argilla limosa - Argilla	5.02	0.62	12.94	92	15.8	32.5	21.6		1.9	4.6	34.6	31.5	0.36
Argilla limosa - Argilla	5.04	0.64	12.44	91	15.7	33.6	21.7		1.9	4.7	34.7	31.6	0.37
Argilla limosa - Argilla	5.06	0.64	14.32	92	15.9	33.0	21.7		1.9	4.7	35.1	32.0	0.37
Argilla limosa - Argilla	5.08	0.67	14.65	91	15.9	34.7	21.9		2.0	4.9	35.6	32.5	0.37
Argilla limosa - Argilla	5.10	0.70	16.17	91	16.1	35.6	22.0		2.0	5.1	36.2	33.1	0.37
Argilla limosa - Argilla	5.12	0.70	20.81	95	16.4	34.4	22.0		2.0	5.2	37.0	33.8	0.37
Argilla limosa - Argilla	5.14	0.67	22.87	98	16.5	31.7	21.8		2.0	4.9	36.7	33.5	0.37
Argilla limosa - Argilla	5.16	0.67	22.36	98	16.4	31.8	21.8		2.0	4.9	36.7	33.5	0.37
Argilla limosa - Argilla	5.18	0.65	22.71	99	16.4	30.8	21.7		2.0	4.8	36.5	33.3	0.37
Argilla limosa - Argilla	5.20	0.64	22.17	99	16.4	30.2	21.6		2.0	4.7	36.4	33.1	0.36
Argilla limosa - Argilla	5.22	0.66	21.48	97	16.4	31.5	21.7		2.0	4.8	36.6	33.3	0.37
Argilla limosa - Argilla	5.24	0.62	22.18	100	16.4	28.9	21.5		2.0	4.5	36.1	32.8	0.36
Argilla limosa - Argilla	5.26	0.65	21.16	98	16.4	30.6	21.6		2.0	4.7	36.4	33.1	0.36
Argilla limosa - Argilla	5.28	0.68	21.94	97	16.4	32.2	21.8		2.0	4.9	36.9	33.7	0.37
Argilla limosa - Argilla	5.30	0.70	23.33	96	16.5	33.3	22.0		2.0	5.1	37.5	34.2	0.37
Argilla limosa - Argilla	5.32	0.72	24.90	97	16.6	33.8	22.0		2.0	5.3	37.9	34.6	0.37
Argilla limosa - Argilla	5.34	0.72	27.60	98	16.7	33.4	22.0		2.0	5.3	38.2	35.0	0.37
Argilla limosa - Argilla	5.36	0.73	29.88	99	16.8	33.3	22.1		2.0	5.3	38.6	35.3	0.37
Argilla limosa - Argilla	5.38	0.76	31.16	98	16.9	35.0	22.3		2.0	5.6	39.2	35.9	0.37
Argilla limosa - Argilla	5.40	0.79	33.19	97	16.9	36.3	22.4		2.0	5.8	39.8	36.5	0.38
Argilla limosa - Argilla	5.42	0.81	35.11	98	17.0	36.8	22.5		2.0	5.9	40.2	36.9	0.38
Argilla limosa - Argilla	5.44	0.79	38.00	100	17.1	35.2	22.4		2.0	5.8	40.1	36.8	0.38
Argilla limosa - Argilla	5.46	0.79	38.27	100	17.1	35.1	22.4		2.0	5.8	40.2	36.9	0.38
Argilla limosa - Argilla	5.48	0.78	39.50	100	17.1	34.3	22.3		2.0	5.7	40.2	36.8	0.38
Argilla limosa - Argilla	5.50	0.78	40.79	100	17.2	34.1	22.3		2.0	5.7	40.3	36.9	0.38
Argilla limosa - Argilla	5.52	0.76	41.74	100	17.2	33.2	22.2		2.0	5.6	40.1	36.8	0.37
Argilla limosa - Argilla	5.54	0.77	40.43	100	17.2	33.8	22.3		2.0	5.6	40.2	36.9	0.37
Argilla limosa - Argilla	5.56	0.78	39.32	100	17.1	34.2	22.3		2.0	5.7	40.3	36.9	0.37
Argilla limosa - Argilla	5.58	0.78	39.06	100	17.1	34.4	22.3		2.0	5.7	40.3	37.0	0.38
Argilla limosa - Argilla	5.60	0.79	40.67	100	17.2	34.4	22.3		2.0	5.7	40.5	37.2	0.38
Argilla limosa - Argilla	5.62	0.79	41.32	100	17.2	34.3	22.3		2.0	5.7	40.6	37.2	0.38
Argilla limosa - Argilla	5.64	0.76	42.44	100	17.2	32.8	22.2		2.0	5.5	40.4	36.9	0.37
Argilla limosa - Argilla	5.66	0.73	41.82	100	17.2	31.2	22.0		2.0	5.3	39.9	36.5	0.37
Argilla limosa - Argilla	5.68	0.70	41.85	100	17.2	29.6	21.8		2.0	5.1	39.5	36.0	0.37
Argilla limosa - Argilla	5.70	0.69	40.49	100	17.1	28.9	21.7		2.0	5.0	39.2	35.7	0.37
Argilla limosa - Argilla	5.72	0.69	36.99	100	17.0	29.6	21.7		2.0	5.0	39.1	35.6	0.37
Argilla limosa - Argilla	5.74	0.71	33.48	100	16.9	30.9	21.8		2.0	5.1	39.1	35.7	0.37
Argilla limosa - Argilla	5.76	0.70	30.25	100	16.8	31.1	21.8		2.0	5.0	38.8	35.4	0.37
Argilla limosa - Argilla	5.78	0.65	28.76	100	16.7	28.4	21.5		1.9	4.7	37.9	34.4	0.36
Argilla limosa - Argilla	5.80	0.68	25.84	99	16.6	30.6	21.7		1.9	4.9	38.1	34.7	0.37
Argilla limosa - Argilla	5.82	0.65	23.28	99	16.5	29.9	21.5		1.9	4.7	37.6	34.2	0.36
Argilla limosa - Argilla	5.84	0.61	23.01	100	16.4	27.7	21.3		1.9	4.4	37.0	33.5	0.36
Argilla limosa - Argilla	5.86	0.61	21.65	100	16.4	28.1	21.3		1.9	4.4	36.9	33.4	0.36
Argilla limosa - Argilla	5.88	0.62	21.48	100	16.4	28.7	21.4		1.9	4.5	37.1	33.6	0.36
Argilla limosa - Argilla	5.90	0.61	21.67	100	16.4	28.0	21.3		1.9	4.4	36.9	33.5	0.36
Argilla limosa - Argilla	5.92	0.58	21.48	100	16.3	26.3	21.1		1.9	4.2	36.5	33.0	0.36
Argilla limosa - Argilla	5.94	0.56	20.18	100	16.2	25.1	20.9		1.9	4.0	35.9	32.4	0.35
Argilla limosa - Argilla	5.96	0.55	18.01	100	16.1	25.0	20.8		1.9	3.9	35.5	32.0	0.35
Argilla limosa - Argilla	5.98	0.55	16.80	100	16.0	25.3	20.8		1.9	3.9	35.4	31.9	0.35
Argilla limosa - Argilla	6.00	0.55	15.28	99	15.9	25.7	20.9		1.9	3.9	35.2	31.7	0.35
Argilla limosa - Argilla	6.02	0.56	14.73	98	15.9	26.7	20.9		1.9	4.0	35.3	31.9	0.35
Argilla limosa - Argilla	6.04	0.53	15.68	100	15.9	24.6	20.7		1.8	3.8	35.0	31.5	0.35
Argilla limosa - Argilla	6.06	0.53	15.84	100	16.0	24.5	20.7		1.8	3.8	35.0	31.5	0.35
Argilla limosa - Argilla	6.08	0.53	15.82	100	15.9	24.2	20.7		1.8	3.8	35.0	31.5	0.35
Argilla limosa - Argilla	6.10	0.54	15.47	100	15.9	24.9	20.8		1.8	3.8	35.1	31.6	0.35
Argilla limosa - Argilla	6.12	0.54	15.66	100	15.9	25.1	20.8		1.8	3.9	35.3	31.7	0.35
Argilla limosa - Argilla	6.14	0.54	16.81	100	16.0	24.4	20.7		1.8	3.8	35.4	31.8	0.35
Argilla limosa - Argilla	6.16	0.53	17.88	100	16.1	23.6	20.6		1.8	3.8	35.4	31.8	0.35
Argilla limosa - Argilla	6.18	0.52	17.56	100	16.1	23.3	20.6		1.8	3.7	35.3	31.7	0.35
Argilla limosa - Argilla	6.20	0.52	17.53	100	16.1	23.0	20.6		1.8	3.7	35.2	31.6	0.35
Argilla limosa - Argilla	6.22	0.50	18.49	100	16.1	21.8	20.4		1.8	3.6	35.0	31.4	0.34
Argilla limosa - Argilla	6.24	0.49	19.42	100	16.2	21.1	20.3		1.8	3.5	35.0	31.3	0.34
Argilla limosa - Argilla	6.26	0.51	19.64	100	16.2	22.1	20.5		1.8	3.6	35.4	31.8	0.35
Argilla limosa - Argilla	6.28	0.53	18.79	100	16.1	23.1	20.6		1.8	3.7	35.6	32.0	0.35
Argilla limosa - Argilla	6.30	0.54	19.05	100	16.2	23.6	20.7		1.8	3.8	35.8	32.2	0.35
Argilla limosa - Argilla	6.32	0.55	19.69	100	16.2	24.4	20.8		1.9	3.9	36.2	32.6	0.35

Argilla limosa - Argilla	6.34	0.58	20.39	100	16.3	25.7	21.0		1.9	4.1	36.7	33.2	0.35
Argilla limosa - Argilla	6.36	0.61	20.58	100	16.3	27.4	21.2		1.9	4.3	37.3	33.7	0.36
Argilla limosa - Argilla	6.38	0.60	20.57	100	16.3	27.0	21.1		1.9	4.3	37.2	33.7	0.36
Argilla limosa - Argilla	6.40	0.57	21.21	100	16.3	24.8	20.9		1.9	4.0	36.7	33.1	0.35
Argilla limosa - Argilla	6.42	0.55	19.54	100	16.2	24.0	20.7		1.8	3.9	36.2	32.6	0.35
Argilla limosa - Argilla	6.44	0.58	17.37	99	16.1	26.5	21.0		1.8	4.1	36.5	33.0	0.35
Argilla limosa - Argilla	6.46	0.58	16.78	98	16.1	26.9	21.0		1.8	4.1	36.6	33.0	0.35
Argilla limosa - Argilla	6.48	0.61	15.73	96	16.0	29.1	21.2		1.9	4.4	36.9	33.4	0.36
Argilla limosa - Argilla	6.50	0.62	14.94	95	15.9	29.6	21.2		1.9	4.4	36.9	33.4	0.36
Argilla limosa - Argilla	6.52	0.64	14.53	93	15.9	31.0	21.4		1.9	4.5	37.1	33.7	0.36
Argilla limosa - Argilla	6.54	0.67	14.75	91	16.0	32.8	21.5		1.9	4.7	37.7	34.2	0.36
Argilla limosa - Argilla	6.56	0.70	16.75	92	16.1	33.9	21.7		1.9	5.0	38.5	35.0	0.37
Argilla limosa - Argilla	6.58	0.72	18.78	92	16.3	34.5	21.8		1.9	5.1	39.1	35.7	0.37
Argilla limosa - Argilla	6.60	0.72	21.22	94	16.4	33.7	21.8		1.9	5.1	39.4	36.0	0.37
Argilla limosa - Argilla	6.62	0.71	23.94	96	16.5	32.4	21.8		1.9	5.1	39.6	36.1	0.37
Argilla limosa - Argilla	6.64	0.73	25.90	97	16.6	33.2	21.9		1.9	5.2	40.2	36.7	0.37
Argilla limosa - Argilla	6.66	0.73	28.80	98	16.8	32.6	21.9		1.9	5.2	40.5	36.9	0.37
Argilla limosa - Argilla	6.68	0.74	31.37	99	16.9	32.7	21.9		1.9	5.3	40.9	37.3	0.37
Argilla limosa - Argilla	6.70	0.76	32.26	98	16.9	33.6	22.0		1.9	5.4	41.3	37.7	0.37
Argilla limosa - Argilla	6.72	0.77	34.18	99	17.0	33.7	22.0		1.9	5.5	41.6	38.0	0.37
Argilla limosa - Argilla	6.74	0.77	34.55	99	17.0	34.2	22.1		1.9	5.6	41.8	38.2	0.37
Argilla limosa - Argilla	6.76	0.76	35.94	100	17.0	33.6	22.0		1.9	5.5	41.8	38.3	0.37
Argilla limosa - Argilla	6.78	0.77	37.23	100	17.1	34.1	22.1		1.9	5.6	42.2	38.6	0.37
Argilla limosa - Argilla	6.80	0.78	37.34	99	17.1	34.6	22.2		1.9	5.7	42.4	38.8	0.37
Argilla limosa - Argilla	6.82	0.79	39.07	100	17.1	34.7	22.2		2.0	5.7	42.6	39.0	0.37
Argilla limosa - Argilla	6.84	0.79	41.31	100	17.2	34.0	22.1		2.0	5.7	42.7	39.1	0.37
Argilla limosa - Argilla	6.86	0.78	43.40	100	17.2	33.2	22.1		2.0	5.6	42.7	39.1	0.37
Argilla limosa - Argilla	6.88	0.78	45.51	100	17.3	33.0	22.1		2.0	5.6	42.9	39.2	0.37
Argilla limosa - Argilla	6.90	0.76	47.57	100	17.3	31.8	22.0		1.9	5.5	42.8	39.1	0.37
Argilla limosa - Argilla	6.92	0.75	48.85	100	17.4	31.3	21.9		1.9	5.4	42.8	39.1	0.37
Argilla limosa - Argilla	6.94	0.74	48.85	100	17.4	30.8	21.9		1.9	5.4	42.7	39.0	0.37
Argilla limosa - Argilla	6.96	0.75	48.67	100	17.4	31.7	22.0		1.9	5.5	43.0	39.3	0.37
Argilla limosa - Argilla	6.98	0.78	48.58	100	17.4	33.0	22.1		2.0	5.7	43.4	39.7	0.37
Argilla limosa - Argilla	7.00	0.79	48.20	100	17.4	33.7	22.2		2.0	5.8	43.6	39.9	0.37
Argilla limosa - Argilla	7.02	0.82	47.88	100	17.4	35.4	22.3		2.0	6.0	44.0	40.4	0.38
Argilla limosa - Argilla	7.04	0.83	46.83	100	17.4	35.9	22.4		2.0	6.1	44.1	40.5	0.38
Argilla limosa - Argilla	7.06	0.83	46.07	100	17.3	36.0	22.4		2.0	6.0	44.1	40.5	0.38
Argilla limosa - Argilla	7.08	0.83	46.57	100	17.4	35.7	22.3		2.0	6.0	44.1	40.5	0.38
Argilla limosa - Argilla	7.10	0.83	46.77	100	17.4	35.8	22.3		2.0	6.0	44.2	40.6	0.38
Argilla limosa - Argilla	7.12	0.83	46.55	100	17.4	35.7	22.3		2.0	6.0	44.2	40.6	0.38
Argilla limosa - Argilla	7.14	0.82	45.81	100	17.3	35.4	22.3		2.0	6.0	44.1	40.4	0.38
Argilla limosa - Argilla	7.16	0.81	45.43	100	17.3	35.0	22.3		1.9	5.9	44.0	40.3	0.37
Argilla limosa - Argilla	7.18	0.81	45.78	100	17.3	35.0	22.3		1.9	5.9	44.1	40.4	0.37
Argilla limosa - Argilla	7.20	0.83	46.20	100	17.3	36.0	22.3		2.0	6.1	44.4	40.7	0.38
Argilla limosa - Argilla	7.22	0.85	45.83	99	17.3	37.3	22.5		2.0	6.2	44.7	41.1	0.38
Argilla limosa - Argilla	7.24	0.84	46.32	100	17.4	36.2	22.4		2.0	6.1	44.6	40.9	0.38
Argilla limosa - Argilla	7.26	0.79	47.43	100	17.4	33.3	22.1		1.9	5.7	43.9	40.2	0.37
Argilla limosa - Argilla	7.28	0.75	49.33	100	17.4	31.4	21.9		1.9	5.5	43.6	39.8	0.37
Argilla limosa - Argilla	7.30	0.75	49.07	100	17.4	31.4	21.9		1.9	5.5	43.6	39.8	0.37
Argilla limosa - Argilla	7.32	0.76	48.15	100	17.4	32.3	22.0		1.9	5.6	43.8	40.1	0.37
Argilla limosa - Argilla	7.34	0.79	46.96	100	17.3	33.7	22.1		1.9	5.7	44.1	40.4	0.37
Argilla limosa - Argilla	7.36	0.77	47.22	100	17.4	32.9	22.1		1.9	5.6	44.0	40.2	0.37
Argilla limosa - Argilla	7.38	0.77	47.14	100	17.3	33.0	22.1		1.9	5.7	44.1	40.3	0.37
Argilla limosa - Argilla	7.40	0.78	44.73	100	17.3	33.7	22.1		1.9	5.7	44.1	40.3	0.37
Argilla limosa - Argilla	7.42	0.79	42.76	100	17.2	34.5	22.2		1.9	5.8	44.1	40.4	0.37
Argilla limosa - Argilla	7.44	0.81	41.55	100	17.2	35.7	22.2		1.9	5.9	44.3	40.6	0.37
Argilla limosa - Argilla	7.46	0.82	41.68	99	17.2	35.8	22.3		1.9	5.9	44.4	40.7	0.38
Argilla limosa - Argilla	7.48	0.82	42.19	100	17.2	35.8	22.3		1.9	5.9	44.5	40.8	0.38
Argilla limosa - Argilla	7.50	0.83	40.80	99	17.2	36.5	22.3		1.9	6.0	44.6	40.9	0.38
Argilla limosa - Argilla	7.52	0.83	40.38	98	17.2	36.9	22.3		1.9	6.1	44.7	41.0	0.38
Argilla limosa - Argilla	7.54	0.84	40.53	98	17.2	37.0	22.3		1.9	6.1	44.8	41.1	0.38
Argilla limosa - Argilla	7.56	0.85	40.57	97	17.2	37.8	22.4		1.9	6.2	45.0	41.3	0.38
Argilla limosa - Argilla	7.58	0.83	41.84	99	17.2	36.4	22.3		1.9	6.0	44.8	41.1	0.38
Argilla limosa - Argilla	7.60	0.80	42.09	100	17.2	34.6	22.1		1.9	5.8	44.4	40.6	0.37
Argilla limosa - Argilla	7.62	0.79	42.79	100	17.2	33.7	22.1		1.9	5.7	44.3	40.5	0.37
Argilla limosa - Argilla	7.64	0.77	43.69	100	17.3	32.6	22.0		1.9	5.5	44.1	40.3	0.37
Argilla limosa - Argilla	7.66	0.77	43.56	100	17.3	33.0	22.0		1.9	5.6	44.2	40.4	0.37
Argilla limosa - Argilla	7.68	0.75	44.07	100	17.3	31.5	21.8		1.9	5.4	43.9	40.0	0.37
Argilla limosa - Argilla	7.70	0.72	44.78	100	17.3	29.8	21.7		1.9	5.2	43.5	39.6	0.37
Argilla limosa - Argilla	7.72	0.72	44.37	100	17.3	29.8	21.7		1.9	5.2	43.5	39.6	0.37
Argilla limosa - Argilla	7.74	0.71	43.98	100	17.2	29.6	21.6		1.9	5.1	43.4	39.5	0.36
Argilla limosa - Argilla	7.76	0.71	43.08	100	17.2	29.7	21.6		1.9	5.1	43.4	39.5	0.36
Argilla limosa - Argilla	7.78	0.70	43.05	100	17.2	29.1	21.6		1.9	5.1	43.3	39.4	0.36
Argilla limosa - Argilla	7.80	0.70	42.92	100	17.2	28.9	21.6		1.9	5.0	43.2	39.3	0.36
Argilla limosa - Argilla	7.82	0.70	42.25	100	17.2	29.0	21.6		1.9	5.0	43.2	39.3	0.36
Argilla limosa - Argilla	7.84	0.69	41.07	100	17.1	28.6	21.5		1.9	5.0	43.0	39.1	0.36
Argilla limosa - Argilla	7.86	0.70	39.44	100	17.1	29.0	21.5		1.9	5.0	43.0	39.1	0.36
Argilla limosa - Argilla	7.88	0.69	37.68	100	17.0	28.9	21.5		1.9	4.9	42.9	38.9	0.36
Argilla limosa - Argilla	7.90	0.68	35.60	100	17.0	28.3	21.4		1.8	4.8	42.5	38.5	0.36
Argilla limosa - Argilla	7.92	0.67	32.65	100	16.9	28.3	21.4		1.8	4.8	42.2	38.2	0.36
Argilla limosa - Argilla	7.94	0.66	31.54	100	16.8	27.9	21.3		1.8	4.7	41.9	38.0	0.36
Argilla limosa - Argilla	7.96	0.66	31.24	100	16.8	27.6	21.3		1.8	4.7	41.8	37.9	0.36

Argilla limosa - Argilla	7.98	0.66	31.35	100	16.8	27.9	21.3		1.8	4.7	42.0	38.0	0.36
Argilla limosa - Argilla	8.00	0.70	30.12	100	16.8	30.3	21.5		1.8	5.0	42.5	38.7	0.36
Argilla limosa - Argilla	8.02	0.73	29.55	98	16.8	32.1	21.7		1.8	5.2	43.0	39.1	0.37
Argilla limosa - Argilla	8.04	0.75	29.80	97	16.8	33.2	21.8		1.9	5.3	43.3	39.5	0.37
Argilla limosa - Argilla	8.06	0.74	30.54	98	16.8	32.2	21.7		1.8	5.2	43.2	39.4	0.37
Argilla limosa - Argilla	8.08	0.72	30.49	99	16.8	31.3	21.6		1.8	5.1	43.0	39.1	0.36
Argilla limosa - Argilla	8.10	0.72	29.56	99	16.8	31.1	21.6		1.8	5.1	42.9	39.0	0.36
Argilla limosa - Argilla	8.12	0.71	30.44	100	16.8	30.4	21.5		1.8	5.0	42.8	38.9	0.36
Argilla limosa - Argilla	8.14	0.72	31.17	100	16.8	30.8	21.6		1.8	5.1	43.1	39.2	0.36
Argilla limosa - Argilla	8.16	0.73	31.62	99	16.9	31.3	21.6		1.8	5.1	43.3	39.4	0.37
Argilla limosa - Argilla	8.18	0.75	31.74	98	16.9	32.4	21.8		1.8	5.3	43.7	39.8	0.37
Argilla limosa - Argilla	8.20	0.79	31.62	96	16.9	34.7	22.0		1.9	5.6	44.3	40.5	0.37
Argilla limosa - Argilla	8.22	0.82	32.47	95	16.9	36.3	22.1		1.9	5.8	44.8	41.0	0.37
Argilla limosa - Argilla	8.24	0.83	33.01	95	17.0	37.1	22.2		1.9	5.9	45.1	41.4	0.37
Argilla limosa - Argilla	8.26	0.86	33.25	94	17.0	38.5	22.3		1.9	6.1	45.6	41.8	0.38
Argilla limosa - Argilla	8.28	0.91	33.53	92	17.0	41.6	22.6		1.9	6.5	46.4	42.7	0.38
Argilla limosa - Argilla	8.30	1.05	33.49	86	17.1	49.9	23.1		1.9	7.5	48.2	44.7	0.39
Argilla limosa - Argilla	8.32	0.99	33.14	88	17.0	46.6	22.9		1.9	7.1	47.5	43.9	0.39
Argilla limosa - Argilla	8.34	0.80	37.36	99	17.1	33.7	21.9		1.9	5.6	45.0	41.1	0.37
Argilla limosa - Argilla	8.36	0.77	39.29	100	17.1	31.4	21.7		1.9	5.3	44.6	40.6	0.37
Argilla limosa - Argilla	8.38	0.79	40.06	100	17.2	32.7	21.9		1.9	5.5	45.1	41.2	0.37
Argilla limosa - Argilla	8.40	0.80	41.59	100	17.2	33.1	21.9		1.9	5.6	45.4	41.5	0.37
Argilla limosa - Argilla	8.42	0.80	44.52	100	17.3	32.6	21.9		1.9	5.6	45.6	41.6	0.37
Argilla limosa - Argilla	8.44	0.80	45.35	100	17.3	32.8	21.9		1.9	5.6	45.8	41.8	0.37
Argilla limosa - Argilla	8.46	0.81	45.51	100	17.3	33.0	22.0		1.9	5.6	45.9	41.9	0.37
Argilla limosa - Argilla	8.48	0.81	45.38	100	17.3	33.3	22.0		1.9	5.7	46.0	42.0	0.37
Argilla limosa - Argilla	8.50	0.82	44.68	100	17.3	33.9	22.0		1.9	5.7	46.1	42.2	0.37
Argilla limosa - Argilla	8.52	0.86	45.21	99	17.3	36.1	22.2		1.9	6.0	46.8	42.9	0.37
Argilla limosa - Argilla	8.54	0.88	45.03	98	17.3	37.2	22.3		1.9	6.2	47.1	43.2	0.38
Argilla limosa - Argilla	8.56	0.91	45.57	97	17.4	38.5	22.4		1.9	6.4	47.6	43.7	0.38
Argilla limosa - Argilla	8.58	0.93	46.36	96	17.4	39.7	22.5		1.9	6.6	48.0	44.1	0.38
Argilla limosa - Argilla	8.60	0.95	47.32	96	17.4	40.7	22.6		1.9	6.7	48.4	44.5	0.38
Argilla limosa - Argilla	8.62	0.97	49.20	96	17.5	41.6	22.7		1.9	6.9	48.8	45.0	0.38
Argilla limosa - Argilla	8.64	0.99	51.95	96	17.5	42.3	22.8		1.9	7.0	49.3	45.5	0.38
Argilla limosa - Argilla	8.66	1.01	56.36	97	17.6	42.6	22.8		1.9	7.1	49.8	46.0	0.38
Argilla limosa - Argilla	8.68	1.01	59.78	98	17.7	41.7	22.8		1.9	7.1	49.9	46.0	0.38
Argilla limosa - Argilla	8.70	1.05	62.80	97	17.8	43.8	23.0		1.9	7.4	50.7	46.9	0.39
Argilla limosa - Argilla	8.72	1.10	64.24	96	17.8	46.1	23.2		1.9	7.7	51.4	47.6	0.39
Argilla limosa - Argilla	8.74	1.09	65.05	96	17.8	45.5	23.1		1.9	7.7	51.3	47.6	0.39
Argilla limosa - Argilla	8.76	1.13	62.18	94	17.8	48.0	23.3		1.9	8.0	51.7	48.0	0.39
Argilla limosa - Argilla	8.78	1.14	60.30	93	17.8	48.9	23.3		1.9	8.1	51.9	48.2	0.39
Argilla limosa - Argilla	8.80	1.15	56.82	92	17.7	49.6	23.3		1.9	8.1	51.8	48.1	0.39
Argilla limosa - Argilla	8.82	1.11	54.22	92	17.6	48.1	23.2		1.9	7.8	51.2	47.5	0.39
Argilla limosa - Argilla	8.84	1.08	56.49	94	17.7	46.2	23.1		1.9	7.6	51.0	47.3	0.39
Argilla limosa - Argilla	8.86	1.06	57.48	95	17.7	44.8	23.0		1.9	7.4	50.8	47.0	0.39
Argilla limosa - Argilla	8.88	1.04	55.77	96	17.6	43.8	22.9		1.9	7.3	50.5	46.6	0.39
Argilla limosa - Argilla	8.90	1.04	54.22	95	17.6	44.3	22.9		1.9	7.3	50.5	46.7	0.39
Argilla limosa - Argilla	8.92	1.00	55.27	97	17.6	42.0	22.8		1.9	7.0	50.1	46.2	0.38
Argilla limosa - Argilla	8.94	1.01	54.94	96	17.6	42.5	22.8		1.9	7.1	50.2	46.3	0.38
Argilla limosa - Argilla	8.96	1.07	52.97	93	17.6	46.0	23.0		1.9	7.5	50.9	47.1	0.39
Argilla limosa - Argilla	8.98	1.10	52.65	92	17.6	47.7	23.1		1.9	7.7	51.3	47.6	0.39
Argilla limosa - Argilla	9.00	1.11	54.16	92	17.6	48.1	23.2		1.9	7.8	51.6	47.8	0.39
Argilla limosa - Argilla	9.02	1.16	55.74	91	17.7	50.3	23.3		1.9	8.2	52.3	48.6	0.39
Argilla limosa - Argilla	9.04	1.19	59.66	91	17.8	51.7	23.5		1.9	8.4	53.0	49.3	0.40
Argilla limosa - Argilla	9.06	1.24	62.64	91	17.8	53.8	23.6		2.0	8.8	53.7	50.0	0.40
Argilla limosa - Argilla	9.08	1.28	66.03	90	17.9	55.8	23.7		2.0	9.1	54.5	50.8	0.40
Argilla limosa - Argilla	9.10	1.32	70.34	90	18.0	57.5	23.8		2.0	9.4	55.2	51.6	0.40
Argilla limosa - Argilla	9.12	1.40	72.82	89	18.1	61.3	24.0		2.0	10.0	56.2	52.7	0.41
Argilla limosa - Argilla	9.14	1.44	76.32	89	18.1	63.1	24.1		2.0	10.3	56.8	53.3	0.41
Argilla limosa - Argilla	9.16	1.47	79.05	88	18.2	64.7	24.2		2.0	10.6	57.4	53.9	0.41
Argilla limosa - Argilla	9.18	1.51	79.77	87	18.2	66.8	24.3		2.0	10.9	57.9	54.5	0.41
Argilla limosa - Argilla	9.20	1.54	79.71	87	18.2	68.4	24.3		2.3	12.0	73.3	69.0	0.41
Argilla limosa - Argilla	9.22	1.54	81.02	87	18.2	68.1	24.3		2.3	12.0	73.4	69.1	0.41
Argilla limosa - Argilla	9.24	1.51	85.20	89	18.3	65.9	24.3		2.2	11.7	73.3	68.9	0.41
Argilla limosa - Argilla	9.26	1.57	88.20	88	18.3	68.5	24.4		2.3	12.2	74.2	69.8	0.41
Argilla limosa - Argilla	9.28	1.58	92.34	88	18.4	68.8	24.4		2.3	12.3	74.6	70.3	0.41
Argilla limosa - Argilla	9.30	1.59	96.59	89	18.4	68.6	24.4		2.3	12.3	74.9	70.6	0.41
Argilla limosa - Argilla	9.32	1.63	100.57	89	18.5	70.5	24.5		2.3	12.7	75.7	71.4	0.41
Argilla limosa - Argilla	9.34	1.63	106.75	90	18.6	70.0	24.5		2.3	12.7	76.1	71.7	0.41
Argilla limosa - Argilla	9.36	1.63	108.00	90	18.6	69.8	24.5		2.3	12.7	76.2	71.8	0.41
Argilla limosa - Argilla	9.38	1.60	108.32	91	18.6	68.2	24.4		2.3	12.5	75.8	71.5	0.41
Argilla limosa - Argilla	9.40	1.56	109.31	92	18.6	66.0	24.4		2.3	12.1	75.4	70.9	0.41
Argilla limosa - Argilla	9.42	1.51	109.55	93	18.6	63.3	24.2		2.2	11.7	74.8	70.2	0.41
Argilla limosa - Argilla	9.44	1.45	110.37	95	18.5	60.1	24.1		2.2	11.2	74.0	69.4	0.41
Argilla limosa - Argilla	9.46	1.46	106.63	94	18.5	60.9	24.1		2.2	11.3	74.1	69.4	0.41
Argilla limosa - Argilla	9.48	1.48	106.39	93	18.5	61.9	24.2		2.2	11.4	74.4	69.8	0.41
Argilla limosa - Argilla	9.50	1.50	107.78	93	18.5	62.6	24.2		2.2	11.6	74.7	70.1	0.41
Argilla limosa - Argilla	9.52	1.54	107.52	92	18.5	64.7	24.3		2.2	11.9	75.3	70.7	0.41
Argilla limosa - Argilla	9.54	1.61	105.02	90	18.5	68.6	24.4		2.3	12.5	76.1	71.7	0.41
Argilla limosa - Argilla	9.56	1.70	102.79	88	18.5	73.6	24.6		2.3	13.2	77.2	72.9	0.42
Argilla limosa - Argilla	9.58	1.69	106.71	88	18.6	72.7	24.6		2.3	13.1	77.3	73.0	0.42
Argilla limosa - Argilla	9.60	1.76	108.66	87	18.6	76.2	24.7		2.3	13.7	78.3	74.1	0.42

Argilla limosa - Argilla	9.62	1.78	112.24	87	18.6	77.2	24.8		2.3	13.9	78.8	74.6	0.42
Argilla limosa - Argilla	9.64	1.83	113.07	86	18.7	79.5	24.9		2.3	14.3	79.5	75.3	0.42
Argilla limosa - Argilla	9.66	1.88	114.61	86	18.7	82.1	24.9		2.3	14.7	80.2	76.1	0.42
Argilla limosa - Argilla	9.68	1.92	120.69	86	18.8	83.6	25.0		2.3	15.0	80.9	76.9	0.43
Argilla limosa - Argilla	9.70	1.93	126.38	86	18.8	83.5	25.0		2.3	15.1	81.3	77.3	0.43
Argilla limosa - Argilla	9.72	1.90	128.12	87	18.8	81.8	25.0		2.3	14.9	81.1	77.0	0.42
Argilla limosa - Argilla	9.74	1.89	127.33	87	18.8	81.3	25.0		2.3	14.8	81.0	76.9	0.42
Argilla limosa - Argilla	9.76	1.86	126.78	88	18.8	79.8	24.9		2.3	14.5	80.7	76.5	0.42
Argilla limosa - Argilla	9.78	1.77	131.22	90	18.8	74.9	24.7		2.3	13.8	79.9	75.6	0.42
Argilla limosa - Argilla	9.80	1.75	126.63	90	18.8	74.2	24.7		2.3	13.6	79.5	75.2	0.42
Argilla limosa - Argilla	9.82	1.72	121.14	90	18.7	72.9	24.6		2.3	13.3	78.9	74.5	0.42
Argilla limosa - Argilla	9.84	1.72	120.62	90	18.7	73.2	24.6		2.3	13.4	79.0	74.6	0.42
Argilla limosa - Argilla	9.86	1.71	124.25	91	18.7	72.2	24.6		2.3	13.3	79.0	74.6	0.42
Argilla limosa - Argilla	9.88	1.73	123.77	90	18.7	73.6	24.6		2.3	13.5	79.4	75.0	0.42
Argilla limosa - Argilla	9.90	1.80	116.36	88	18.7	77.7	24.8		2.3	14.0	79.9	75.7	0.42
Argilla limosa - Argilla	9.92	1.83	109.49	86	18.6	80.0	24.8		2.3	14.2	80.0	75.8	0.42
Limo argilloso - Argilla limosa	9.94	1.90	102.91	83	18.6	65.6	25.0		2.3	18.2	80.6	76.5	0.42
Argilla limosa - Argilla	9.96	1.83	101.48	84	18.5	81.1	24.8		2.3	14.2	79.8	75.6	0.42
Limo argilloso - Argilla limosa	9.98	1.82	98.99	84	18.5	62.8	24.8		2.3	17.4	79.6	75.4	0.42
Limo argilloso - Argilla limosa	10.00	1.84	98.85	84	18.5	63.4	24.8		2.3	17.6	79.8	75.6	0.42
Argilla limosa - Argilla	10.02	1.83	103.89	85	18.6	80.5	24.8		2.3	14.2	80.0	75.8	0.42
Limo argilloso - Argilla limosa	10.04	1.92	104.66	83	18.6	66.5	25.0		2.3	18.4	81.2	77.1	0.42
Limo argilloso - Argilla limosa	10.06	2.00	105.68	82	18.6	69.7	25.1		2.3	19.3	82.2	78.2	0.43
Limo argilloso - Argilla limosa	10.08	1.97	112.67	83	18.7	67.9	25.1		2.3	19.0	82.2	78.2	0.43
Argilla limosa - Argilla	10.10	1.92	115.35	85	18.7	84.0	25.0		2.3	14.9	81.8	77.6	0.42
Argilla limosa - Argilla	10.12	1.82	113.02	86	18.7	79.1	24.8		2.3	14.1	80.6	76.3	0.42
Argilla limosa - Argilla	10.14	1.71	108.66	88	18.6	73.6	24.6		2.2	13.2	79.0	74.6	0.42
Argilla limosa - Argilla	10.16	1.66	112.67	90	18.6	70.3	24.5		2.2	12.7	78.6	74.0	0.41
Argilla limosa - Argilla	10.18	1.56	121.18	94	18.7	64.6	24.3		2.2	12.0	77.7	73.0	0.41
Argilla limosa - Argilla	10.20	1.53	124.91	95	18.7	62.5	24.2		2.2	11.7	77.4	72.6	0.41
Argilla limosa - Argilla	10.22	1.54	121.27	94	18.7	63.3	24.2		2.2	11.8	77.4	72.7	0.41
Argilla limosa - Argilla	10.24	1.56	114.94	93	18.6	64.8	24.2		2.2	11.9	77.5	72.8	0.41
Argilla limosa - Argilla	10.26	1.52	116.50	94	18.6	62.9	24.2		2.2	11.6	77.1	72.4	0.41
Argilla limosa - Argilla	10.28	1.52	114.33	94	18.6	62.7	24.1		2.2	11.6	77.0	72.2	0.41
Argilla limosa - Argilla	10.30	1.54	108.13	92	18.5	64.3	24.2		2.2	11.7	77.1	72.3	0.41
Argilla limosa - Argilla	10.32	1.57	106.26	91	18.5	66.0	24.2		2.2	12.0	77.4	72.8	0.41
Argilla limosa - Argilla	10.34	1.61	105.65	90	18.5	68.1	24.3		2.2	12.3	78.0	73.4	0.41
Argilla limosa - Argilla	10.36	1.58	104.80	91	18.5	66.9	24.3		2.2	12.1	77.6	73.0	0.41
Argilla limosa - Argilla	10.38	1.50	104.65	93	18.5	62.4	24.1		2.2	11.4	76.5	71.7	0.41
Argilla limosa - Argilla	10.40	1.39	102.33	95	18.4	56.8	23.8		2.1	10.5	74.9	69.9	0.40
Argilla limosa - Argilla	10.42	1.25	100.46	99	18.4	49.9	23.4		2.1	9.4	72.8	67.6	0.39
Argilla limosa - Argilla	10.44	1.16	98.58	100	18.3	45.4	23.1		2.1	8.7	71.2	65.9	0.39
Argilla limosa - Argilla	10.46	1.18	98.06	100	18.3	46.2	23.2		2.1	8.8	71.5	66.2	0.39
Argilla limosa - Argilla	10.48	1.24	93.81	98	18.3	49.8	23.4		2.1	9.3	72.4	67.2	0.39
Argilla limosa - Argilla	10.50	1.26	83.73	95	18.2	51.4	23.4		2.1	9.4	72.2	67.0	0.39
Argilla limosa - Argilla	10.52	1.22	78.17	95	18.1	50.0	23.3		2.1	9.1	71.3	66.2	0.39
Argilla limosa - Argilla	10.54	1.09	72.93	98	18.0	43.6	22.8		2.1	8.0	68.9	63.6	0.38
Argilla limosa - Argilla	10.56	1.03	69.46	100	17.9	40.7	22.6		2.0	7.6	67.7	62.2	0.38
Argilla limosa - Argilla	10.58	0.96	68.85	100	17.9	36.8	22.3		2.0	7.0	66.3	60.7	0.37
Argilla limosa - Argilla	10.60	0.90	65.83	100	17.8	33.9	22.0		2.0	6.5	65.0	59.4	0.37
Argilla limosa - Argilla	10.62	0.89	59.80	100	17.7	34.1	22.0		2.0	6.5	64.5	58.9	0.37
Argilla limosa - Argilla	10.64	0.91	53.85	100	17.6	35.4	22.0		2.0	6.6	64.4	58.9	0.37
Argilla limosa - Argilla	10.66	0.95	48.34	97	17.4	38.1	22.2		2.0	6.8	64.7	59.3	0.37
Argilla limosa - Argilla	10.68	1.03	40.72	90	17.3	44.0	22.6		2.0	7.5	65.6	60.3	0.38
Argilla limosa - Argilla	10.70	1.10	35.98	86	17.2	48.8	22.9		2.0	8.0	66.2	61.1	0.38
Argilla limosa - Argilla	10.72	1.12	34.79	85	17.1	50.7	23.0		2.0	8.2	66.5	61.5	0.39
Limo argilloso - Argilla limosa	10.74	1.17	33.26	82	17.1	40.9	23.1		2.0	10.5	67.1	62.1	0.39
Limo argilloso - Argilla limosa	10.76	1.21	33.68	81	17.1	42.6	23.3		2.0	10.9	67.8	62.9	0.39
Limo argilloso - Argilla limosa	10.78	1.22	34.19	81	17.1	43.2	23.3		2.0	11.0	68.1	63.2	0.39
Limo argilloso - Argilla limosa	10.80	1.24	32.90	80	17.1	44.1	23.4		2.0	11.1	68.2	63.3	0.39
Limo argilloso - Argilla limosa	10.82	1.21	39.23	83	17.3	42.7	23.3		2.0	11.1	68.9	63.9	0.39
Argilla limosa - Argilla	10.84	1.15	44.73	88	17.4	50.9	23.1		2.0	8.5	68.5	63.4	0.39
Argilla limosa - Argilla	10.86	1.06	55.50	94	17.7	44.3	22.7		2.0	7.8	68.0	62.6	0.38
Argilla limosa - Argilla	10.88	0.98	63.58	100	17.8	39.4	22.4		2.0	7.3	67.3	61.8	0.38
Argilla limosa - Argilla	10.90	0.96	64.30	100	17.8	38.0	22.3		2.0	7.1	66.9	61.3	0.38
Argilla limosa - Argilla	10.92	0.97	63.71	100	17.8	38.8	22.4		2.0	7.2	67.2	61.6	0.38
Argilla limosa - Argilla	10.94	1.02	61.55	97	17.8	41.8	22.6		2.0	7.6	68.0	62.5	0.38
Argilla limosa - Argilla	10.96	1.13	56.56	92	17.7	48.3	23.0		2.0	8.4	69.5	64.3	0.39
Argilla limosa - Argilla	10.98	1.27	50.16	86	17.6	57.3	23.5		2.0	9.5	71.2	66.2	0.39
Limo argilloso - Argilla limosa	11.00	1.39	41.98	79	17.4	50.5	23.8		2.1	12.9	72.2	67.5	0.40
Limo argilloso - Argilla limosa	11.02	1.45	40.01	77	17.4	53.2	24.0		2.1	13.4	72.8	68.1	0.40
Limo argilloso - Argilla limosa	11.04	1.47	43.21	78	17.5	53.8	24.0		2.1	13.6	73.5	68.9	0.41
Limo argilloso - Argilla limosa	11.06	1.46	49.65	80	17.6	52.4	24.0		2.1	13.5	74.1	69.4	0.40
Limo argilloso - Argilla limosa	11.08	1.47	57.41	82	17.8	51.7	24.0		2.1	13.6	74.9	70.1	0.40
Argilla limosa - Argilla	11.10	1.46	64.83	85	17.9	65.4	24.0		2.1	11.0	75.3	70.5	0.40
Argilla limosa - Argilla	11.12	1.42	71.38	87	18.0	62.4	23.9		2.1	10.7	75.3	70.4	0.40
Argilla limosa - Argilla	11.14	1.44	73.97	88	18.1	62.9	23.9		2.1	10.8	75.7	70.8	0.40
Argilla limosa - Argilla	11.16	1.44	75.77	88	18.1	62.9	23.9		2.1	10.9	75.9	71.0	0.40
Argilla limosa - Argilla	11.18	1.44	77.45	88	18.1	62.4	23.9		2.1	10.8	76.0	71.1	0.40
Argilla limosa - Argilla	11.20	1.50	76.33	87	18.1	65.8	24.0		2.1	11.3	76.8	72.0	0.41
Argilla limosa - Argilla	11.22	1.49	73.76	86	18.1	65.5	24.0		2.1	11.2	76.5	71.7	0.40
Argilla limosa - Argilla	11.24	1.45	74.64	87	18.1	63.3	23.9		2.1	10.9	76.1	71.2	0.40

Argilla limosa - Argilla	11.26	1.43	74.54	88	18.1	62.2	23.9		2.1	10.7	75.9	70.9	0.40
Argilla limosa - Argilla	11.28	1.38	77.59	90	18.1	58.7	23.7		2.1	10.3	75.3	70.2	0.40
Argilla limosa - Argilla	11.30	1.29	80.71	93	18.2	53.5	23.5		2.1	9.6	74.1	68.9	0.39
Argilla limosa - Argilla	11.32	1.23	79.94	95	18.1	50.4	23.3		2.0	9.1	73.2	67.9	0.39
Argilla limosa - Argilla	11.34	1.20	80.23	96	18.1	48.7	23.2		2.0	8.9	72.7	67.4	0.39
Argilla limosa - Argilla	11.36	1.16	81.76	98	18.1	46.7	23.0		2.0	8.6	72.3	66.8	0.39
Argilla limosa - Argilla	11.38	1.15	79.66	97	18.1	46.4	23.0		2.0	8.5	72.0	66.6	0.39
Argilla limosa - Argilla	11.40	1.12	75.89	98	18.0	45.1	22.9		2.0	8.3	71.3	65.8	0.38
Argilla limosa - Argilla	11.42	1.09	70.26	97	17.9	44.0	22.8		2.0	8.0	70.5	65.0	0.38
Argilla limosa - Argilla	11.44	1.05	65.88	98	17.8	41.9	22.6		2.0	7.7	69.4	63.9	0.38
Argilla limosa - Argilla	11.46	0.97	63.33	100	17.8	38.2	22.3		2.0	7.1	67.9	62.3	0.37
Argilla limosa - Argilla	11.48	0.90	58.79	100	17.7	34.6	22.0		1.9	6.5	66.2	60.4	0.37
Argilla limosa - Argilla	11.50	0.87	53.00	100	17.5	33.8	21.8		1.9	6.3	65.3	59.5	0.37
Argilla limosa - Argilla	11.52	0.88	47.23	99	17.4	34.9	21.9		1.9	6.4	65.0	59.3	0.37
Argilla limosa - Argilla	11.54	0.87	42.47	97	17.3	34.6	21.8		1.9	6.3	64.3	58.6	0.37
Argilla limosa - Argilla	11.56	0.87	39.60	96	17.2	35.2	21.8		1.9	6.3	64.2	58.5	0.37
Argilla limosa - Argilla	11.58	0.85	36.48	96	17.1	34.2	21.7		1.9	6.1	63.3	57.7	0.37
Argilla limosa - Argilla	11.60	0.81	27.96	93	16.8	33.6	21.5		1.9	5.8	61.5	55.9	0.36
Argilla limosa - Argilla	11.62	0.78	25.09	93	16.6	32.3	21.4		1.8	5.6	60.5	54.9	0.36
Argilla limosa - Argilla	11.64	0.78	24.32	93	16.6	32.2	21.4		1.8	5.5	60.3	54.7	0.36
Argilla limosa - Argilla	11.66	0.84	21.30	88	16.5	36.8	21.7		1.9	6.0	61.1	55.6	0.37
Argilla limosa - Argilla	11.68	0.86	18.79	85	16.3	39.2	21.8		1.9	6.1	61.0	55.6	0.37
Argilla limosa - Argilla	11.70	0.87	20.80	86	16.5	38.8	21.8		1.9	6.2	61.6	56.2	0.37
Argilla limosa - Argilla	11.72	0.88	22.85	87	16.6	39.2	21.9		1.9	6.3	62.3	56.9	0.37
Argilla limosa - Argilla	11.74	0.92	22.10	85	16.5	41.9	22.1		1.9	6.6	62.9	57.6	0.37
Argilla limosa - Argilla	11.76	0.95	23.11	84	16.6	43.5	22.2		1.9	6.8	63.7	58.3	0.37
Argilla limosa - Argilla	11.78	0.96	23.81	84	16.6	43.9	22.3		1.9	6.9	64.0	58.7	0.37
Limo argilloso - Argilla limosa	11.80	1.01	25.12	83	16.7	35.1	22.4		1.9	8.9	65.1	58.8	0.38
Argilla limosa - Argilla	11.82	1.03	28.51	84	16.9	47.5	22.6		1.9	7.5	66.3	61.0	0.38
Argilla limosa - Argilla	11.84	0.98	28.01	86	16.8	44.5	22.4		1.9	7.1	65.4	60.0	0.38
Argilla limosa - Argilla	11.86	1.02	30.47	86	17.0	46.3	22.5		1.9	7.4	66.4	61.1	0.38
Argilla limosa - Argilla	11.88	1.02	34.88	88	17.1	45.0	22.5		1.9	7.4	67.0	61.6	0.38
Argilla limosa - Argilla	11.90	1.04	34.03	87	17.1	46.7	22.6		1.9	7.6	67.4	62.0	0.38
Argilla limosa - Argilla	11.92	1.01	35.82	89	17.1	43.9	22.4		1.9	7.3	66.9	61.4	0.38
Argilla limosa - Argilla	11.94	0.92	37.78	93	17.2	38.7	22.1		1.9	6.7	65.7	60.0	0.37
Argilla limosa - Argilla	11.96	0.98	37.57	91	17.2	41.9	22.3		1.9	7.1	66.7	61.1	0.38
Argilla limosa - Argilla	11.98	1.08	38.05	87	17.2	47.7	22.7		1.9	7.9	68.5	63.2	0.38
Argilla limosa - Argilla	12.00	1.08	31.73	84	17.0	48.7	22.7		1.9	7.8	67.6	62.3	0.38
Argilla limosa - Argilla	12.02	1.07	35.57	87	17.1	46.8	22.6		1.9	7.7	67.9	62.5	0.38
Argilla limosa - Argilla	12.04	1.09	43.61	89	17.4	46.6	22.7		1.9	7.9	69.2	63.8	0.38
Argilla limosa - Argilla	12.06	1.08	38.13	87	17.2	47.0	22.7		1.9	7.8	68.5	63.0	0.38
Argilla limosa - Argilla	12.08	1.08	38.53	87	17.2	47.3	22.7		1.9	7.8	68.7	63.3	0.38
Argilla limosa - Argilla	12.10	1.15	37.55	85	17.2	51.7	22.9		1.9	8.4	69.8	64.5	0.39
Limo argilloso - Argilla limosa	12.12	1.23	38.32	83	17.3	42.8	23.2		2.0	11.0	71.1	65.9	0.39
Limo argilloso - Argilla limosa	12.14	1.27	40.01	82	17.3	44.3	23.3		2.0	11.4	71.9	66.8	0.39
Limo argilloso - Argilla limosa	12.16	1.27	37.82	81	17.3	44.6	23.3		2.0	11.4	71.7	66.6	0.39
Limo argilloso - Argilla limosa	12.18	1.20	39.77	84	17.3	41.5	23.1		2.0	10.8	71.0	65.7	0.39
Argilla limosa - Argilla	12.20	1.13	41.79	87	17.4	49.7	22.9		1.9	8.2	70.1	64.7	0.38
Argilla limosa - Argilla	12.22	1.15	43.53	87	17.4	50.5	22.9		1.9	8.4	70.7	65.3	0.39
Argilla limosa - Argilla	12.24	1.16	46.48	88	17.5	50.3	23.0		2.0	8.4	71.1	65.7	0.39
Argilla limosa - Argilla	12.26	1.16	46.47	88	17.5	50.7	23.0		2.0	8.5	71.2	65.8	0.39
Argilla limosa - Argilla	12.28	1.18	46.29	87	17.5	51.9	23.0		2.0	8.6	71.6	66.2	0.39
Argilla limosa - Argilla	12.30	1.21	44.33	85	17.4	54.0	23.2		2.0	8.9	71.9	66.6	0.39
Argilla limosa - Argilla	12.32	1.21	44.02	85	17.4	53.8	23.1		2.0	8.8	71.8	66.5	0.39
Argilla limosa - Argilla	12.34	1.20	44.38	86	17.4	53.1	23.1		2.0	8.7	71.7	66.4	0.39
Argilla limosa - Argilla	12.36	1.19	43.88	86	17.4	52.6	23.1		2.0	8.7	71.5	66.2	0.39
Argilla limosa - Argilla	12.38	1.17	44.35	87	17.4	51.6	23.0		1.9	8.5	71.4	66.0	0.39
Argilla limosa - Argilla	12.40	1.15	47.96	89	17.5	49.5	22.9		1.9	8.4	71.3	65.9	0.39
Argilla limosa - Argilla	12.42	1.12	52.36	91	17.6	47.2	22.8		1.9	8.1	71.3	65.7	0.38
Argilla limosa - Argilla	12.44	1.11	54.92	92	17.7	46.5	22.8		1.9	8.1	71.4	65.9	0.38
Argilla limosa - Argilla	12.46	1.11	56.39	93	17.7	46.3	22.8		1.9	8.1	71.6	66.0	0.38
Argilla limosa - Argilla	12.48	1.11	57.69	93	17.7	45.9	22.8		1.9	8.1	71.6	66.0	0.38
Argilla limosa - Argilla	12.50	1.13	57.99	93	17.7	46.9	22.8		1.9	8.2	72.0	66.5	0.38
Argilla limosa - Argilla	12.52	1.13	57.56	92	17.7	47.2	22.8		1.9	8.3	72.1	66.5	0.38
Argilla limosa - Argilla	12.54	1.14	56.27	92	17.7	47.9	22.9		1.9	8.3	72.2	66.7	0.38
Argilla limosa - Argilla	12.56	1.17	54.74	90	17.7	49.7	23.0		2.0	8.5	72.6	67.1	0.39
Argilla limosa - Argilla	12.58	1.16	54.39	90	17.7	48.9	22.9		1.9	8.4	72.4	66.8	0.39
Argilla limosa - Argilla	12.60	1.14	53.32	91	17.6	47.9	22.8		1.9	8.3	72.0	66.4	0.38
Argilla limosa - Argilla	12.62	1.12	52.57	91	17.6	47.2	22.8		1.9	8.1	71.7	66.1	0.38
Argilla limosa - Argilla	12.64	1.09	52.99	92	17.6	45.4	22.7		1.9	7.9	71.2	65.6	0.38
Argilla limosa - Argilla	12.66	1.10	52.30	92	17.6	46.0	22.7		1.9	8.0	71.4	65.7	0.38
Argilla limosa - Argilla	12.68	1.10	51.63	91	17.6	46.1	22.7		1.9	8.0	71.3	65.7	0.38
Argilla limosa - Argilla	12.70	1.12	49.73	90	17.5	47.2	22.8		1.9	8.1	71.4	65.9	0.38
Argilla limosa - Argilla	12.72	1.14	47.68	89	17.5	48.6	22.8		1.9	8.2	71.6	66.1	0.38
Argilla limosa - Argilla	12.74	1.18	46.21	87	17.5	51.1	23.0		1.9	8.5	72.1	66.7	0.39
Argilla limosa - Argilla	12.76	1.17	46.32	87	17.5	50.8	22.9		1.9	8.5	72.1	66.6	0.39
Argilla limosa - Argilla	12.78	1.16	45.38	87	17.5	50.3	22.9		1.9	8.4	71.9	66.4	0.39
Argilla limosa - Argilla	12.80	1.14	44.74	88	17.4	49.3	22.8		1.9	8.2	71.5	66.0	0.38
Argilla limosa - Argilla	12.82	1.11	44.76	89	17.4	47.4	22.7		1.9	8.0	71.0	65.4	0.38
Argilla limosa - Argilla	12.84	1.08	45.38	90	17.4	45.9	22.6		1.9	7.8	70.7	65.0	0.38
Argilla limosa - Argilla	12.86	1.07	45.70	90	17.4	45.2	22.6		1.9	7.7	70.5	64.9	0.38
Argilla limosa - Argilla	12.88	1.05	46.77	92	17.5	43.9	22.5		1.9	7.6	70.3	64.6	0.38

Argilla limosa - Argilla	12.90	1.04	46.36	92	17.4	43.4	22.5		1.9	7.5	70.1	64.4	0.38
Argilla limosa - Argilla	12.92	1.04	45.48	91	17.4	43.5	22.5		1.9	7.5	70.1	64.4	0.38
Argilla limosa - Argilla	12.94	1.07	44.23	90	17.4	45.3	22.6		1.9	7.7	70.5	64.8	0.38
Argilla limosa - Argilla	12.96	1.11	44.33	89	17.4	47.6	22.7		1.9	8.0	71.2	65.6	0.38
Argilla limosa - Argilla	12.98	1.16	43.72	87	17.4	50.6	22.9		1.9	8.4	72.0	66.5	0.39
Argilla limosa - Argilla	13.00	1.22	43.38	85	17.4	54.1	23.1		1.9	8.8	73.0	67.6	0.39
Argilla limosa - Argilla	13.02	1.24	43.39	84	17.4	54.9	23.1		1.9	8.9	73.3	67.9	0.39
Argilla limosa - Argilla	13.04	1.18	45.06	87	17.5	51.1	22.9		1.9	8.5	72.5	67.0	0.39
Argilla limosa - Argilla	13.06	1.13	47.67	89	17.5	48.1	22.8		1.9	8.2	72.0	66.4	0.38
Argilla limosa - Argilla	13.08	1.07	50.01	92	17.5	44.0	22.5		1.9	7.7	71.2	65.4	0.38
Argilla limosa - Argilla	13.10	1.02	52.78	95	17.6	41.2	22.3		1.9	7.4	70.6	64.8	0.38
Argilla limosa - Argilla	13.12	1.01	53.23	95	17.6	40.6	22.3		1.9	7.3	70.5	64.7	0.38
Argilla limosa - Argilla	13.14	1.02	52.72	95	17.6	41.2	22.3		1.9	7.3	70.7	64.8	0.38
Argilla limosa - Argilla	13.16	1.03	52.17	94	17.6	41.8	22.4		1.9	7.4	70.8	65.0	0.38
Argilla limosa - Argilla	13.18	1.03	50.72	94	17.5	41.9	22.4		1.9	7.4	70.7	64.9	0.38
Argilla limosa - Argilla	13.20	1.02	49.97	94	17.5	41.4	22.3		1.9	7.3	70.5	64.7	0.38
Argilla limosa - Argilla	13.22	1.03	47.57	93	17.5	42.0	22.4		1.9	7.4	70.4	64.6	0.38
Argilla limosa - Argilla	13.24	1.01	45.95	93	17.4	41.3	22.3		1.9	7.2	70.0	64.2	0.38
Argilla limosa - Argilla	13.26	0.99	45.99	93	17.4	40.2	22.2		1.9	7.1	69.7	63.8	0.37
Argilla limosa - Argilla	13.28	0.99	45.43	93	17.4	40.3	22.2		1.9	7.1	69.6	63.8	0.37
Argilla limosa - Argilla	13.30	1.02	43.11	91	17.4	42.3	22.3		1.9	7.3	70.0	64.2	0.38
Argilla limosa - Argilla	13.32	1.08	39.69	88	17.3	45.9	22.5		1.9	7.7	70.6	64.9	0.38
Argilla limosa - Argilla	13.34	1.10	37.42	86	17.2	47.8	22.6		1.9	7.9	70.8	65.2	0.38
Argilla limosa - Argilla	13.36	1.11	36.00	85	17.2	48.4	22.6		1.9	7.9	70.7	65.1	0.38
Argilla limosa - Argilla	13.38	1.11	36.16	85	17.2	48.6	22.7		1.9	7.9	70.8	65.2	0.38
Argilla limosa - Argilla	13.40	1.10	36.16	86	17.2	48.0	22.6		1.9	7.8	70.7	65.1	0.38
Argilla limosa - Argilla	13.42	1.08	36.95	87	17.2	46.6	22.5		1.9	7.7	70.5	64.8	0.38
Argilla limosa - Argilla	13.44	1.10	39.61	87	17.3	47.0	22.6		1.9	7.8	71.1	65.4	0.38
Argilla limosa - Argilla	13.46	1.08	42.07	89	17.3	45.7	22.5		1.9	7.7	71.1	65.4	0.38
Argilla limosa - Argilla	13.48	1.08	43.10	89	17.4	45.5	22.5		1.9	7.7	71.3	65.5	0.38
Argilla limosa - Argilla	13.50	1.12	42.81	88	17.4	47.5	22.7		1.9	8.0	71.9	66.2	0.38
Argilla limosa - Argilla	13.52	1.18	42.03	85	17.4	51.4	22.9		1.9	8.4	72.9	67.3	0.39
Limo argilloso - Argilla limosa	13.54	1.31	41.70	81	17.4	45.2	23.3		1.9	11.6	75.0	69.6	0.39
Limo argilloso - Argilla limosa	13.56	1.48	41.72	77	17.4	52.9	23.8		1.9	13.2	77.5	72.4	0.40
Limo argilloso - Argilla limosa	13.58	1.53	40.57	75	17.4	56.1	23.9		2.0	13.8	78.3	73.3	0.40
Limo argilloso - Argilla limosa	13.60	1.46	40.48	77	17.4	52.8	23.8		1.9	13.1	77.4	72.2	0.40
Limo argilloso - Argilla limosa	13.62	1.38	40.63	79	17.4	48.9	23.6		1.9	12.3	76.2	70.9	0.40
Limo argilloso - Argilla limosa	13.64	1.23	42.46	84	17.4	42.2	23.1		1.9	11.0	74.2	68.7	0.39
Argilla limosa - Argilla	13.66	1.12	43.59	88	17.4	48.1	22.7		1.9	8.1	72.5	66.8	0.38
Argilla limosa - Argilla	13.68	1.04	44.46	91	17.4	43.6	22.4		1.9	7.5	71.2	65.4	0.38
Argilla limosa - Argilla	13.70	0.96	47.59	95	17.4	38.4	22.1		1.8	6.9	70.0	64.0	0.37
Argilla limosa - Argilla	13.72	0.90	49.89	98	17.5	35.2	21.8		1.8	6.5	69.2	63.1	0.37
Argilla limosa - Argilla	13.74	0.91	47.14	97	17.4	35.7	21.8		1.8	6.5	69.1	63.0	0.37
Argilla limosa - Argilla	13.76	0.91	44.23	96	17.3	36.3	21.9		1.8	6.5	68.9	62.8	0.37
Argilla limosa - Argilla	13.78	0.93	42.02	94	17.3	37.7	21.9		1.8	6.7	69.1	63.1	0.37
Argilla limosa - Argilla	13.80	0.94	40.12	93	17.2	38.2	22.0		1.8	6.7	69.0	63.0	0.37
Argilla limosa - Argilla	13.82	0.96	36.21	91	17.1	39.9	22.0		1.8	6.8	68.9	63.0	0.37
Argilla limosa - Argilla	13.84	0.97	31.11	88	17.0	41.4	22.1		1.8	6.9	68.4	62.6	0.37
Argilla limosa - Argilla	13.86	0.96	29.08	87	16.9	41.2	22.0		1.8	6.8	67.9	62.1	0.37
Argilla limosa - Argilla	13.88	0.93	29.42	89	16.9	39.0	21.9		1.8	6.5	67.4	61.5	0.37
Argilla limosa - Argilla	13.90	0.89	30.44	91	16.9	36.4	21.7		1.8	6.3	66.8	60.8	0.37
Argilla limosa - Argilla	13.92	0.90	31.22	91	16.9	36.8	21.8		1.8	6.3	67.1	61.1	0.37
Argilla limosa - Argilla	13.94	0.91	32.52	91	17.0	37.5	21.8		1.8	6.4	67.6	61.6	0.37
Argilla limosa - Argilla	13.96	0.97	32.69	89	17.0	40.6	22.1		1.8	6.8	68.7	62.8	0.37
Argilla limosa - Argilla	13.98	0.98	34.47	89	17.1	41.1	22.1		1.8	6.9	69.2	63.3	0.37
Argilla limosa - Argilla	14.00	1.00	37.07	90	17.2	41.5	22.2		1.8	7.1	69.9	64.0	0.37
Argilla limosa - Argilla	14.02	1.00	39.77	91	17.3	41.3	22.2		1.8	7.1	70.3	64.4	0.37
Argilla limosa - Argilla	14.04	0.99	42.66	92	17.3	40.0	22.1		1.8	7.0	70.4	64.4	0.37
Argilla limosa - Argilla	14.06	0.95	47.03	95	17.4	37.2	21.9		1.8	6.7	70.1	64.0	0.37
Argilla limosa - Argilla	14.08	0.93	51.79	98	17.5	35.9	21.9		1.8	6.6	70.3	64.1	0.37
Argilla limosa - Argilla	14.10	0.96	53.77	97	17.6	37.0	22.0		1.8	6.8	71.0	64.8	0.37
Argilla limosa - Argilla	14.12	0.99	54.11	96	17.6	38.6	22.1		1.8	7.0	71.6	65.5	0.37
Argilla limosa - Argilla	14.14	1.02	53.88	95	17.6	40.5	22.2		1.8	7.3	72.2	66.2	0.37
Argilla limosa - Argilla	14.16	1.03	54.39	95	17.6	40.6	22.3		1.8	7.3	72.4	66.4	0.37
Argilla limosa - Argilla	14.18	1.04	53.24	94	17.6	41.6	22.3		1.8	7.4	72.6	66.6	0.38
Argilla limosa - Argilla	14.20	1.06	51.61	93	17.6	42.6	22.4		1.8	7.5	72.8	66.8	0.38
Argilla limosa - Argilla	14.22	1.12	49.58	90	17.5	46.1	22.6		1.9	7.9	73.7	67.8	0.38
Argilla limosa - Argilla	14.24	1.15	51.37	90	17.6	47.5	22.7		1.9	8.2	74.4	68.5	0.38
Argilla limosa - Argilla	14.26	1.15	56.58	91	17.7	46.8	22.7		1.9	8.2	74.9	69.0	0.38
Argilla limosa - Argilla	14.28	1.14	62.40	93	17.8	45.9	22.7		1.9	8.1	75.3	69.3	0.38
Argilla limosa - Argilla	14.30	1.11	65.86	95	17.9	43.5	22.5		1.9	7.9	74.9	68.9	0.38
Argilla limosa - Argilla	14.32	1.11	68.07	96	17.9	43.3	22.5		1.9	7.9	75.1	69.1	0.38
Argilla limosa - Argilla	14.34	1.15	69.63	95	17.9	45.3	22.7		1.9	8.2	76.0	70.0	0.38
Argilla limosa - Argilla	14.36	1.19	71.64	94	18.0	47.5	22.8		1.9	8.5	76.9	71.0	0.38
Argilla limosa - Argilla	14.38	1.23	72.13	93	18.0	49.3	23.0		1.9	8.8	77.6	71.7	0.39
Argilla limosa - Argilla	14.40	1.26	70.55	92	18.0	51.3	23.1		1.9	9.0	78.1	72.3	0.39
Argilla limosa - Argilla	14.42	1.28	69.65	91	18.0	52.2	23.1		1.9	9.1	78.3	72.5	0.39
Argilla limosa - Argilla	14.44	1.31	67.94	89	18.0	54.3	23.2		1.9	9.4	78.8	73.0	0.39
Argilla limosa - Argilla	14.46	1.35	67.88	88	18.0	56.5	23.3		1.9	9.7	79.4	73.7	0.39
Argilla limosa - Argilla	14.48	1.40	70.05	88	18.0	58.6	23.5		1.9	10.0	80.3	74.7	0.39
Argilla limosa - Argilla	14.50	1.42	73.43	88	18.1	59.6	23.5		1.9	10.2	81.0	75.3	0.40
Argilla limosa - Argilla	14.52	1.42	75.55	88	18.1	59.3	23.5		1.9	10.2	81.1	75.5	0.40

Argilla limosa - Argilla	14.54	1.39	76.70	89	18.1	57.3	23.4		1.9	9.9	80.7	75.0	0.39
Argilla limosa - Argilla	14.56	1.37	76.83	90	18.1	56.1	23.4		1.9	9.8	80.4	74.7	0.39
Argilla limosa - Argilla	14.58	1.29	77.18	92	18.1	52.0	23.1		1.9	9.2	79.3	73.4	0.39
Argilla limosa - Argilla	14.60	1.24	74.30	93	18.0	49.6	23.0		1.9	8.8	78.3	72.4	0.39
Argilla limosa - Argilla	14.62	1.24	70.50	92	18.0	49.6	22.9		1.9	8.8	78.0	72.0	0.39
Argilla limosa - Argilla	14.64	1.21	69.25	93	18.0	47.8	22.8		1.9	8.5	77.3	71.3	0.38
Argilla limosa - Argilla	14.66	1.11	69.54	97	17.9	41.4	22.4		1.9	7.6	75.2	69.1	0.38
Argilla limosa - Argilla	14.68	1.02	68.58	100	17.9	36.8	22.0		1.8	7.0	73.5	67.2	0.37
Argilla limosa - Argilla	14.70	0.98	66.22	100	17.8	35.0	21.9		1.8	6.7	72.6	66.2	0.37
Argilla limosa - Argilla	14.72	0.94	63.93	100	17.8	33.1	21.7		1.8	6.4	71.7	65.3	0.37
Argilla limosa - Argilla	14.74	0.89	62.83	100	17.7	30.6	21.5		1.8	6.1	70.6	64.1	0.36
Argilla limosa - Argilla	14.76	0.88	58.91	100	17.6	30.4	21.4		1.8	6.0	70.1	63.7	0.36
Argilla limosa - Argilla	14.78	0.88	54.01	100	17.6	31.0	21.5		1.8	6.0	69.9	63.4	0.36
Argilla limosa - Argilla	14.80	0.87	46.25	99	17.4	30.9	21.4		1.8	5.9	68.9	62.5	0.36
Argilla limosa - Argilla	14.82	0.83	36.40	96	17.1	30.4	21.2		1.7	5.7	67.2	60.9	0.36
Argilla limosa - Argilla	14.84	0.81	33.41	96	17.0	29.6	21.2		1.7	5.5	66.4	60.1	0.36
Argilla limosa - Argilla	14.86	0.80	30.43	95	16.9	29.2	21.1		1.7	5.4	65.7	59.4	0.36
Argilla limosa - Argilla	14.88	0.80	28.22	94	16.8	29.9	21.1		1.7	5.4	65.5	59.2	0.36
Argilla limosa - Argilla	14.90	0.83	26.53	91	16.7	32.0	21.3		1.7	5.6	65.9	59.7	0.36
Argilla limosa - Argilla	14.92	0.94	24.96	86	16.7	39.1	21.8		1.7	6.4	68.0	61.9	0.37
Limo argilloso - Argilla limosa	14.94	1.05	23.79	81	16.7	35.0	22.2		1.8	8.9	69.8	64.0	0.37
Limo argilloso - Argilla limosa	14.96	1.12	22.98	78	16.7	38.1	22.5		1.8	9.4	70.8	65.1	0.38
Limo argilloso - Argilla limosa	14.98	1.01	25.92	84	16.8	32.6	22.1		1.8	8.5	69.5	63.5	0.37
Argilla limosa - Argilla	15.00	0.92	29.03	89	16.9	36.7	21.7		1.8	6.3	68.3	62.2	0.37
Argilla limosa - Argilla	15.02	0.84	32.63	94	17.0	31.2	21.3		1.7	5.7	67.1	60.8	0.36
Argilla limosa - Argilla	15.04	0.75	36.16	100	17.0	26.1	20.8		1.7	5.1	65.7	59.2	0.35
Argilla limosa - Argilla	15.06	0.72	36.37	100	17.0	24.2	20.6		1.7	4.9	65.0	58.4	0.35
Argilla limosa - Argilla	15.08	0.74	33.18	99	16.9	25.9	20.8		1.7	5.0	65.2	58.7	0.35
Argilla limosa - Argilla	15.10	0.76	31.02	97	16.9	27.0	20.9		1.7	5.1	65.3	58.8	0.35
Argilla limosa - Argilla	15.12	0.78	27.12	94	16.7	28.9	21.0		1.7	5.3	65.3	58.9	0.35
Argilla limosa - Argilla	15.14	0.78	25.45	93	16.6	29.2	21.0		1.7	5.3	65.0	58.7	0.35
Argilla limosa - Argilla	15.16	0.77	21.69	91	16.5	29.3	20.9		1.7	5.2	64.1	57.8	0.35
Argilla limosa - Argilla	15.18	0.79	17.58	87	16.2	31.5	21.0		1.7	5.3	63.6	57.5	0.36
Argilla limosa - Argilla	15.20	0.82	17.27	86	16.2	33.2	21.2		1.7	5.5	64.1	58.0	0.36
Argilla limosa - Argilla	15.22	0.84	17.93	85	16.3	34.2	21.3		1.7	5.6	64.7	58.6	0.36
Limo argilloso - Argilla limosa	15.24	0.87	17.79	84	16.3	27.5	21.4		1.7	7.2	65.4	59.3	0.36
Limo argilloso - Argilla limosa	15.26	0.97	16.27	79	16.2	32.3	21.9		1.7	8.0	66.8	60.9	0.37
Limo argilloso - Argilla limosa	15.28	1.14	14.81	71	16.2	41.1	22.5		1.7	9.5	69.3	63.8	0.38
Limo argilloso - Argilla limosa	15.30	1.27	16.40	69	16.3	47.3	23.0		1.8	10.7	72.0	66.6	0.39
Limo argilloso - Argilla limosa	15.32	1.37	18.92	68	16.5	51.2	23.3		1.8	11.6	74.2	68.9	0.39
Limo argilloso - Argilla limosa	15.34	1.33	25.39	73	16.8	47.6	23.2		1.8	11.3	75.2	69.7	0.39
Limo argilloso - Argilla limosa	15.36	1.21	30.14	79	17.0	41.1	22.8		1.8	10.3	74.2	68.5	0.38
Argilla limosa - Argilla	15.38	1.09	34.18	85	17.1	45.5	22.3		1.8	7.5	72.7	66.7	0.38
Argilla limosa - Argilla	15.40	0.99	38.58	91	17.2	38.9	21.9		1.8	6.8	71.5	65.3	0.37
Argilla limosa - Argilla	15.42	0.96	41.49	93	17.3	36.8	21.8		1.8	6.6	71.3	65.0	0.37
Argilla limosa - Argilla	15.44	0.93	42.30	95	17.3	35.0	21.7		1.8	6.4	70.8	64.5	0.37
Argilla limosa - Argilla	15.46	0.91	39.23	94	17.2	34.6	21.6		1.8	6.3	70.2	63.8	0.36
Argilla limosa - Argilla	15.48	0.90	34.60	93	17.1	34.4	21.5		1.7	6.1	69.3	63.0	0.36
Argilla limosa - Argilla	15.50	0.90	30.30	90	16.9	35.4	21.6		1.7	6.2	68.8	62.6	0.36
Argilla limosa - Argilla	15.52	0.94	22.36	84	16.6	39.3	21.7		1.7	6.4	68.1	62.1	0.37
Limo argilloso - Argilla limosa	15.54	1.00	16.72	78	16.3	34.0	22.0		1.7	8.3	68.0	62.1	0.37
Limo argilloso - Argilla limosa	15.56	1.08	13.12	72	16.0	39.5	22.3		1.7	9.1	68.4	62.7	0.38
Limo argilloso - Argilla limosa	15.58	1.15	13.42	70	16.1	42.9	22.6		1.7	9.7	69.6	64.1	0.38
Limo argilloso - Argilla limosa	15.60	1.22	13.98	68	16.1	46.8	22.9		1.8	10.4	71.2	65.7	0.39
Limo argilloso - Argilla limosa	15.62	1.25	14.66	68	16.2	48.0	23.0		1.8	10.6	71.9	66.5	0.39
Limo argilloso - Argilla limosa	15.64	1.24	17.74	71	16.4	46.0	22.9		1.8	10.5	72.6	67.1	0.39
Limo argilloso - Argilla limosa	15.66	1.18	21.56	75	16.6	41.9	22.7		1.8	10.1	72.7	67.0	0.38
Limo argilloso - Argilla limosa	15.68	1.12	24.26	79	16.7	38.7	22.5		1.8	9.6	72.4	66.5	0.38
Limo argilloso - Argilla limosa	15.70	1.07	25.04	81	16.8	36.2	22.3		1.8	9.2	71.7	65.8	0.38
Limo argilloso - Argilla limosa	15.72	1.11	23.40	79	16.7	38.2	22.5		1.8	9.5	72.0	66.1	0.38
Limo argilloso - Argilla limosa	15.74	1.13	23.15	78	16.7	39.1	22.5		1.8	9.6	72.3	66.5	0.38
Limo argilloso - Argilla limosa	15.76	1.09	23.01	79	16.7	37.3	22.4		1.8	9.3	71.6	65.7	0.38
Limo argilloso - Argilla limosa	15.78	1.03	22.53	81	16.6	34.8	22.2		1.7	8.8	70.5	64.6	0.37
Limo argilloso - Argilla limosa	15.80	1.08	26.45	81	16.8	36.3	22.4		1.8	9.3	72.2	66.3	0.38
Argilla limosa - Argilla	15.82	1.02	31.89	86	17.0	42.1	22.1		1.8	7.0	71.8	65.7	0.37
Argilla limosa - Argilla	15.84	0.94	29.56	88	16.9	37.8	21.7		1.7	6.5	70.0	63.8	0.37
Argilla limosa - Argilla	15.86	0.93	26.26	87	16.8	38.0	21.7		1.7	6.4	69.2	63.1	0.37
Limo argilloso - Argilla limosa	15.88	0.96	23.24	84	16.6	31.0	21.8		1.7	8.1	69.4	63.3	0.37
Limo argilloso - Argilla limosa	15.90	0.95	22.39	84	16.6	30.7	21.8		1.7	8.0	69.0	62.9	0.37
Limo argilloso - Argilla limosa	15.92	0.95	19.72	82	16.4	30.9	21.8		1.7	8.0	68.3	62.3	0.37
Limo argilloso - Argilla limosa	15.94	0.97	19.66	81	16.4	32.1	21.9		1.7	8.2	68.8	62.8	0.37
Limo argilloso - Argilla limosa	15.96	0.97	21.65	82	16.5	31.5	21.9		1.7	8.2	69.2	63.2	0.37
Limo argilloso - Argilla limosa	15.98	1.10	21.64	78	16.6	37.7	22.4		1.7	9.3	71.6	65.8	0.38
Limo argilloso - Argilla limosa	16.00	1.39	22.83	70	16.7	51.0	23.3		1.8	11.8	76.5	71.0	0.39
Limo argilloso - Argilla limosa	16.02	1.64	27.34	66	17.0	62.1	23.9		1.8	14.1	81.1	75.9	0.40
Limo argilloso - Argilla limosa	16.04	1.83	32.34	65	17.2	69.5	24.3		1.9	15.8	84.4	79.4	0.41
Limo argilloso - Argilla limosa	16.06	1.90	42.33	67	17.6	70.4	24.4		1.9	16.6	86.8	81.8	0.41
Limo argilloso - Argilla limosa	16.08	1.98	54.49	70	17.9	71.9	24.5		1.9	17.4	89.3	84.3	0.42
Limo argilloso - Argilla limosa	16.10	2.02	62.83	72	18.0	72.7	24.6		1.9	17.9	90.7	85.7	0.42
Limo argilloso - Argilla limosa	16.12	1.97	71.95	75	18.2	69.1	24.5		1.9	17.4	90.8	85.7	0.42
Limo argilloso - Argilla limosa	16.14	1.80	82.56	81	18.3	60.7	24.2		1.9	15.9	89.4	84.1	0.41
Argilla limosa - Argilla	16.16	1.64	92.04	86	18.4	68.6	23.9		1.9	11.7	87.9	82.2	0.40

Argilla limosa - Argilla	16.18	1.52	96.58	90	18.4	61.4	23.7		1.9	10.8	86.3	80.5	0.40
Argilla limosa - Argilla	16.20	1.44	96.56	92	18.4	57.2	23.4		1.9	10.2	85.1	79.2	0.39
Argilla limosa - Argilla	16.22	1.42	96.69	93	18.4	56.4	23.4		1.9	10.1	85.0	78.9	0.39
Argilla limosa - Argilla	16.24	1.51	94.27	90	18.4	61.2	23.6		1.9	10.7	86.2	80.3	0.40
Argilla limosa - Argilla	16.26	1.66	86.16	85	18.3	70.2	24.0		1.9	11.8	88.0	82.4	0.40
Limo argilloso - Argilla limosa	16.28	1.76	77.80	81	18.2	59.5	24.1		1.9	15.5	88.8	83.4	0.41
Limo argilloso - Argilla limosa	16.30	1.83	70.42	77	18.1	63.4	24.3		1.9	16.1	89.3	84.0	0.41
Limo argilloso - Argilla limosa	16.32	1.82	66.55	77	18.1	63.1	24.3		1.9	16.0	88.8	83.5	0.41
Limo argilloso - Argilla limosa	16.34	1.75	63.84	77	18.0	60.4	24.1		1.9	15.3	87.7	82.3	0.41
Limo argilloso - Argilla limosa	16.36	1.68	63.57	79	18.0	57.6	24.0		1.9	14.7	86.8	81.3	0.41
Limo argilloso - Argilla limosa	16.38	1.66	67.55	80	18.0	56.1	23.9		1.9	14.5	86.8	81.3	0.40
Limo argilloso - Argilla limosa	16.40	1.68	69.70	80	18.1	57.0	24.0		1.9	14.7	87.4	81.9	0.41
Limo argilloso - Argilla limosa	16.42	1.71	70.85	80	18.1	58.1	24.0		1.9	15.0	87.9	82.5	0.41
Limo argilloso - Argilla limosa	16.44	1.75	70.18	79	18.1	60.2	24.1		1.9	15.4	88.5	83.1	0.41
Limo argilloso - Argilla limosa	16.46	1.78	63.92	77	18.0	62.1	24.2		1.9	15.6	88.4	83.1	0.41
Limo argilloso - Argilla limosa	16.48	1.80	60.61	75	18.0	63.1	24.2		1.9	15.8	88.4	83.1	0.41
Limo argilloso - Argilla limosa	16.50	1.76	60.50	76	17.9	61.3	24.1		1.9	15.4	87.8	82.5	0.41
Limo argilloso - Argilla limosa	16.52	1.72	62.91	78	18.0	59.3	24.1		1.9	15.0	87.6	82.1	0.41
Limo argilloso - Argilla limosa	16.54	1.75	65.80	78	18.0	60.5	24.1		1.9	15.4	88.3	82.9	0.41
Limo argilloso - Argilla limosa	16.56	1.79	67.67	77	18.1	61.8	24.2		1.9	15.7	89.0	83.6	0.41
Limo argilloso - Argilla limosa	16.58	1.79	71.62	78	18.1	61.3	24.2		1.9	15.7	89.3	83.9	0.41
Limo argilloso - Argilla limosa	16.60	1.84	75.37	78	18.2	63.3	24.3		1.9	16.2	90.4	85.0	0.41
Limo argilloso - Argilla limosa	16.62	1.82	77.02	79	18.2	62.3	24.2		1.9	16.0	90.3	84.9	0.41
Limo argilloso - Argilla limosa	16.64	1.76	76.09	80	18.2	59.8	24.1		1.9	15.5	89.4	84.0	0.41
Limo argilloso - Argilla limosa	16.66	1.73	74.96	80	18.2	58.4	24.1		1.9	15.1	88.9	83.4	0.41
Limo argilloso - Argilla limosa	16.68	1.71	74.03	81	18.2	57.6	24.0		1.9	15.0	88.6	83.0	0.41
Limo argilloso - Argilla limosa	16.70	1.66	75.82	82	18.2	55.3	23.9		1.9	14.5	88.0	82.4	0.40
Argilla limosa - Argilla	16.72	1.58	78.31	85	18.2	66.7	23.8		1.9	11.2	87.1	81.3	0.40
Argilla limosa - Argilla	16.74	1.54	77.05	85	18.2	64.6	23.7		1.9	10.9	86.5	80.6	0.40
Argilla limosa - Argilla	16.76	1.54	75.93	85	18.2	64.7	23.7		1.9	10.9	86.4	80.6	0.40
Limo argilloso - Argilla limosa	16.78	1.57	73.69	84	18.1	51.8	23.7		1.9	13.7	86.8	81.0	0.40
Limo argilloso - Argilla limosa	16.80	1.58	71.82	83	18.1	52.2	23.8		1.9	13.7	86.7	81.0	0.40
Limo argilloso - Argilla limosa	16.82	1.57	71.68	83	18.1	51.8	23.7		1.9	13.7	86.7	80.9	0.40
Limo argilloso - Argilla limosa	16.84	1.54	69.42	83	18.1	50.7	23.7		1.9	13.4	86.1	80.2	0.40
Argilla limosa - Argilla	16.86	1.47	67.63	85	18.0	61.9	23.5		1.8	10.3	84.9	79.0	0.40
Argilla limosa - Argilla	16.88	1.45	66.55	85	18.0	60.8	23.4		1.8	10.2	84.5	78.6	0.39
Argilla limosa - Argilla	16.90	1.41	65.24	86	17.9	58.5	23.3		1.8	9.8	83.7	77.7	0.39
Argilla limosa - Argilla	16.92	1.30	64.80	89	17.9	52.6	23.0		1.8	9.1	82.0	75.8	0.39
Argilla limosa - Argilla	16.94	1.25	64.83	90	17.9	49.6	22.8		1.8	8.7	81.1	74.8	0.38
Argilla limosa - Argilla	16.96	1.23	62.78	90	17.9	48.7	22.7		1.8	8.5	80.6	74.3	0.38
Argilla limosa - Argilla	16.98	1.29	57.75	87	17.8	52.9	22.9		1.8	9.0	81.3	75.2	0.39
Argilla limosa - Argilla	17.00	1.34	53.05	84	17.7	56.1	23.1		1.8	9.3	81.6	75.6	0.39
Limo argilloso - Argilla limosa	17.02	1.36	52.60	84	17.7	44.1	23.1		1.8	11.6	81.9	75.9	0.39
Limo argilloso - Argilla limosa	17.04	1.36	53.13	84	17.7	44.2	23.1		1.8	11.6	82.1	76.1	0.39
Argilla limosa - Argilla	17.06	1.35	56.56	85	17.8	56.0	23.1		1.8	9.3	82.2	76.1	0.39
Argilla limosa - Argilla	17.08	1.33	61.15	87	17.9	54.5	23.0		1.8	9.3	82.4	76.2	0.39
Argilla limosa - Argilla	17.10	1.35	65.31	88	17.9	54.8	23.1		1.8	9.4	83.0	76.9	0.39
Argilla limosa - Argilla	17.12	1.38	67.70	87	18.0	56.4	23.2		1.8	9.6	83.8	77.7	0.39
Argilla limosa - Argilla	17.14	1.40	69.70	87	18.0	57.0	23.2		1.8	9.7	84.2	78.1	0.39
Argilla limosa - Argilla	17.16	1.38	70.45	88	18.0	56.0	23.2		1.8	9.6	84.1	77.9	0.39
Argilla limosa - Argilla	17.18	1.32	70.50	90	18.0	52.7	23.0		1.8	9.2	83.1	76.9	0.39
Argilla limosa - Argilla	17.20	1.31	67.13	89	18.0	52.2	22.9		1.8	9.1	82.6	76.4	0.39
Argilla limosa - Argilla	17.22	1.28	65.37	90	17.9	50.7	22.8		1.8	8.8	82.0	75.7	0.38
Argilla limosa - Argilla	17.24	1.27	64.51	90	17.9	50.2	22.8		1.8	8.8	81.8	75.5	0.38
Argilla limosa - Argilla	17.26	1.26	64.59	90	17.9	49.6	22.8		1.8	8.7	81.6	75.3	0.38
Argilla limosa - Argilla	17.28	1.26	64.36	90	17.9	49.9	22.8		1.8	8.7	81.7	75.4	0.38
Argilla limosa - Argilla	17.30	1.26	62.85	90	17.9	49.8	22.8		1.8	8.7	81.5	75.2	0.38
Argilla limosa - Argilla	17.32	1.26	62.62	89	17.9	50.0	22.8		1.8	8.7	81.6	75.3	0.38
Argilla limosa - Argilla	17.34	1.23	63.79	91	17.9	48.2	22.7		1.8	8.5	81.2	74.9	0.38
Argilla limosa - Argilla	17.36	1.20	63.37	91	17.9	46.6	22.6		1.8	8.3	80.7	74.3	0.38
Argilla limosa - Argilla	17.38	1.18	62.26	92	17.8	45.6	22.5		1.8	8.1	80.3	73.8	0.38
Argilla limosa - Argilla	17.40	1.17	61.22	92	17.8	45.2	22.5		1.8	8.1	80.0	73.6	0.38
Argilla limosa - Argilla	17.42	1.17	61.67	92	17.8	45.1	22.5		1.8	8.0	80.1	73.6	0.38
Argilla limosa - Argilla	17.44	1.14	61.12	93	17.8	43.5	22.4		1.8	7.8	79.5	73.0	0.38
Argilla limosa - Argilla	17.46	1.14	58.52	92	17.7	43.7	22.4		1.8	7.8	79.3	72.8	0.38
Argilla limosa - Argilla	17.48	1.13	55.69	91	17.7	43.5	22.3		1.7	7.7	78.9	72.4	0.38
Argilla limosa - Argilla	17.50	1.12	55.05	92	17.7	42.7	22.3		1.7	7.6	78.6	72.1	0.38
Argilla limosa - Argilla	17.52	1.08	54.68	93	17.7	40.8	22.1		1.7	7.4	77.9	71.3	0.37
Argilla limosa - Argilla	17.54	1.05	54.14	94	17.6	39.2	22.0		1.7	7.2	77.3	70.7	0.37
Argilla limosa - Argilla	17.56	1.06	51.10	92	17.6	40.0	22.1		1.7	7.2	77.3	70.7	0.37
Argilla limosa - Argilla	17.58	1.07	48.50	91	17.5	40.6	22.1		1.7	7.3	77.1	70.5	0.37
Argilla limosa - Argilla	17.60	1.07	46.98	91	17.5	41.0	22.1		1.7	7.3	77.1	70.5	0.37
Argilla limosa - Argilla	17.62	1.07	46.37	91	17.5	40.8	22.1		1.7	7.2	76.9	70.4	0.37
Argilla limosa - Argilla	17.64	1.05	46.82	91	17.5	39.9	22.0		1.7	7.1	76.7	70.1	0.37
Argilla limosa - Argilla	17.66	1.06	46.34	91	17.5	40.2	22.0		1.7	7.2	76.8	70.2	0.37
Argilla limosa - Argilla	17.68	1.05	45.13	91	17.4	39.8	22.0		1.7	7.1	76.5	69.9	0.37
Argilla limosa - Argilla	17.70	1.05	44.96	91	17.4	40.1	22.0		1.7	7.1	76.6	70.0	0.37
Argilla limosa - Argilla	17.72	1.05	44.20	91	17.4	39.9	22.0		1.7	7.1	76.4	69.8	0.37
Argilla limosa - Argilla	17.74	1.02	44.39	92	17.4	38.4	21.9		1.7	6.9	76.0	69.3	0.37
Argilla limosa - Argilla	17.76	0.99	42.59	92	17.3	36.7	21.7		1.7	6.7	75.1	68.4	0.37
Argilla limosa - Argilla	17.78	0.97	40.94	92	17.3	36.0	21.7		1.7	6.5	74.6	67.9	0.37
Argilla limosa - Argilla	17.80	0.97	39.33	91	17.2	36.2	21.7		1.7	6.5	74.4	67.8	0.37

Argilla limosa - Argilla	17.82	1.00	37.25	90	17.2	37.9	21.8		1.7	6.7	74.7	68.1	0.37
Argilla limosa - Argilla	17.84	1.02	36.87	89	17.2	39.4	21.9		1.7	6.9	75.2	68.6	0.37
Argilla limosa - Argilla	17.86	1.08	36.99	87	17.2	42.5	22.1		1.7	7.2	76.2	69.7	0.37
Argilla limosa - Argilla	17.88	1.10	38.28	86	17.2	43.7	22.2		1.7	7.4	76.9	70.4	0.37
Argilla limosa - Argilla	17.90	1.14	41.45	86	17.4	45.5	22.3		1.7	7.7	78.1	71.6	0.38
Argilla limosa - Argilla	17.92	1.20	43.18	85	17.4	48.3	22.5		1.7	8.1	79.3	72.9	0.38
Argilla limosa - Argilla	17.94	1.23	45.01	85	17.5	50.0	22.6		1.7	8.3	80.1	73.8	0.38
Argilla limosa - Argilla	17.96	1.21	48.55	87	17.6	48.0	22.5		1.7	8.2	80.1	73.7	0.38
Argilla limosa - Argilla	17.98	1.16	51.90	89	17.6	45.0	22.4		1.7	7.9	79.7	73.1	0.38
Argilla limosa - Argilla	18.00	1.12	55.45	92	17.7	42.3	22.2		1.7	7.6	79.3	72.7	0.37
Argilla limosa - Argilla	18.02	1.12	56.17	92	17.7	41.9	22.2		1.7	7.6	79.3	72.7	0.37
Argilla limosa - Argilla	18.04	1.12	57.38	92	17.7	42.1	22.2		1.7	7.6	79.5	72.9	0.37
Argilla limosa - Argilla	18.06	1.14	58.53	92	17.7	42.7	22.3		1.7	7.7	79.9	73.3	0.38
Argilla limosa - Argilla	18.08	1.18	57.75	91	17.7	45.0	22.4		1.7	8.0	80.6	74.0	0.38
Argilla limosa - Argilla	18.10	1.22	57.24	89	17.7	47.5	22.6		1.7	8.3	81.4	74.9	0.38
Argilla limosa - Argilla	18.12	1.23	57.02	89	17.7	48.0	22.6		1.7	8.4	81.6	75.1	0.38
Argilla limosa - Argilla	18.14	1.22	57.81	89	17.8	47.4	22.6		1.7	8.3	81.5	75.0	0.38
Argilla limosa - Argilla	18.16	1.22	57.94	89	17.8	47.1	22.5		1.7	8.2	81.4	74.9	0.38
Argilla limosa - Argilla	18.18	1.22	58.21	89	17.8	47.3	22.6		1.7	8.3	81.6	75.1	0.38
Argilla limosa - Argilla	18.20	1.23	60.21	90	17.8	47.3	22.6		1.7	8.3	81.9	75.3	0.38
Argilla limosa - Argilla	18.22	1.23	61.25	90	17.8	47.1	22.6		1.7	8.3	82.0	75.4	0.38
Argilla limosa - Argilla	18.24	1.22	62.22	91	17.8	46.7	22.5		1.7	8.3	82.0	75.5	0.38
Argilla limosa - Argilla	18.26	1.23	63.13	90	17.9	47.2	22.6		1.7	8.4	82.3	75.7	0.38
Argilla limosa - Argilla	18.28	1.24	63.00	90	17.9	47.7	22.6		1.7	8.4	82.5	75.9	0.38
Argilla limosa - Argilla	18.30	1.24	64.86	91	17.9	47.2	22.6		1.7	8.4	82.6	76.0	0.38
Argilla limosa - Argilla	18.32	1.26	64.72	90	17.9	48.6	22.7		1.7	8.6	83.0	76.5	0.38
Argilla limosa - Argilla	18.34	1.30	64.95	89	17.9	50.7	22.8		1.8	8.8	83.8	77.3	0.38
Argilla limosa - Argilla	18.36	1.30	68.07	90	18.0	50.3	22.8		1.8	8.8	84.0	77.5	0.38
Argilla limosa - Argilla	18.38	1.30	70.40	90	18.0	50.1	22.8		1.8	8.8	84.2	77.7	0.38
Argilla limosa - Argilla	18.40	1.31	72.04	90	18.0	50.4	22.8		1.8	8.9	84.6	78.1	0.38
Argilla limosa - Argilla	18.42	1.34	73.09	90	18.1	51.9	22.9		1.8	9.1	85.2	78.7	0.39
Argilla limosa - Argilla	18.44	1.36	75.20	90	18.1	52.5	23.0		1.8	9.2	85.6	79.2	0.39
Argilla limosa - Argilla	18.46	1.36	77.53	90	18.1	52.2	22.9		1.8	9.2	85.8	79.3	0.39
Argilla limosa - Argilla	18.48	1.34	79.69	91	18.2	51.2	22.9		1.8	9.1	85.7	79.2	0.39
Argilla limosa - Argilla	18.50	1.36	78.85	91	18.2	52.1	22.9		1.8	9.2	86.0	79.5	0.39
Argilla limosa - Argilla	18.52	1.38	78.98	90	18.2	53.1	23.0		1.8	9.4	86.3	79.9	0.39
Argilla limosa - Argilla	18.54	1.37	79.74	91	18.2	52.5	23.0		1.8	9.3	86.2	79.7	0.39
Argilla limosa - Argilla	18.56	1.36	79.97	91	18.2	51.9	22.9		1.8	9.2	86.1	79.6	0.39
Argilla limosa - Argilla	18.58	1.36	78.91	91	18.2	52.2	22.9		1.8	9.3	86.2	79.6	0.39
Argilla limosa - Argilla	18.60	1.35	76.80	90	18.1	51.9	22.9		1.8	9.2	85.9	79.4	0.39
Argilla limosa - Argilla	18.62	1.36	73.89	90	18.1	52.4	22.9		1.8	9.2	85.8	79.3	0.39
Argilla limosa - Argilla	18.64	1.40	69.86	87	18.0	55.0	23.0		1.8	9.5	86.2	79.7	0.39
Argilla limosa - Argilla	18.66	1.41	69.13	87	18.0	55.6	23.1		1.8	9.5	86.3	79.9	0.39
Argilla limosa - Argilla	18.68	1.42	69.64	87	18.0	56.1	23.1		1.8	9.6	86.5	80.1	0.39
Argilla limosa - Argilla	18.70	1.43	69.22	87	18.0	56.7	23.1		1.8	9.7	86.7	80.3	0.39
Argilla limosa - Argilla	18.72	1.47	67.94	85	18.0	59.3	23.3		1.8	10.0	87.3	81.0	0.39
Argilla limosa - Argilla	18.74	1.51	69.93	85	18.1	61.2	23.4		1.8	10.3	88.1	81.9	0.39
Argilla limosa - Argilla	18.76	1.54	74.83	85	18.1	62.2	23.4		1.8	10.5	89.0	82.8	0.39
Argilla limosa - Argilla	18.78	1.55	77.62	85	18.2	62.4	23.5		1.8	10.6	89.4	83.2	0.40
Argilla limosa - Argilla	18.80	1.55	78.74	86	18.2	62.0	23.4		1.8	10.5	89.4	83.2	0.40
Argilla limosa - Argilla	18.82	1.52	82.60	87	18.2	59.9	23.4		1.8	10.3	89.3	82.9	0.39
Argilla limosa - Argilla	18.84	1.50	81.96	88	18.2	58.9	23.3		1.8	10.2	88.9	82.6	0.39
Argilla limosa - Argilla	18.86	1.50	84.31	88	18.3	58.9	23.3		1.8	10.2	89.2	82.8	0.39
Argilla limosa - Argilla	18.88	1.43	82.15	90	18.2	55.0	23.1		1.8	9.7	87.8	81.4	0.39
Argilla limosa - Argilla	18.90	1.47	94.18	91	18.4	56.3	23.2		1.8	10.0	89.4	82.9	0.39
Argilla limosa - Argilla	18.92	1.42	98.21	93	18.4	53.3	23.1		1.8	9.7	88.8	82.2	0.39
Argilla limosa - Argilla	18.94	1.38	98.88	94	18.4	50.9	22.9		1.8	9.3	88.1	81.5	0.39
Argilla limosa - Argilla	18.96	1.38	96.72	94	18.4	51.3	23.0		1.8	9.4	88.1	81.5	0.39
Argilla limosa - Argilla	18.98	1.44	92.42	91	18.4	54.5	23.1		1.8	9.7	88.8	82.3	0.39
Argilla limosa - Argilla	19.00	1.50	90.01	89	18.3	58.1	23.3		1.8	10.2	89.7	83.3	0.39
Argilla limosa - Argilla	19.02	1.61	87.76	86	18.3	64.2	23.6		1.8	11.0	91.3	85.1	0.40
Argilla limosa - Argilla	19.04	1.68	86.13	84	18.3	68.2	23.7		1.8	11.5	92.3	86.2	0.40
Argilla limosa - Argilla	19.06	1.67	85.55	84	18.3	67.7	23.7		1.8	11.4	92.2	86.0	0.40
Argilla limosa - Argilla	19.08	1.63	85.39	85	18.3	65.3	23.6		1.8	11.1	91.5	85.3	0.40
Argilla limosa - Argilla	19.10	1.62	82.56	85	18.3	65.0	23.6		1.8	11.0	91.2	84.9	0.40
Argilla limosa - Argilla	19.12	1.53	82.87	87	18.3	60.0	23.4		1.8	10.3	89.8	83.5	0.39
Argilla limosa - Argilla	19.14	1.50	77.58	87	18.2	59.0	23.3		1.8	10.1	89.0	82.6	0.39
Argilla limosa - Argilla	19.16	1.46	74.27	87	18.1	57.1	23.2		1.8	9.8	88.2	81.7	0.39
Argilla limosa - Argilla	19.18	1.46	71.86	86	18.1	57.4	23.2		1.8	9.8	88.0	81.6	0.39
Argilla limosa - Argilla	19.20	1.48	68.39	85	18.0	58.9	23.2		1.8	9.9	88.1	81.7	0.39
Argilla limosa - Argilla	19.22	1.49	66.20	84	18.0	59.7	23.2		1.8	10.0	88.1	81.7	0.39
Argilla limosa - Argilla	19.24	1.47	65.29	84	18.0	59.0	23.2		1.8	9.9	87.8	81.4	0.39
Argilla limosa - Argilla	19.26	1.46	63.26	84	17.9	58.4	23.2		1.7	9.8	87.4	81.0	0.39
Limo argilloso - Argilla limosa	19.28	1.46	61.23	84	17.9	45.4	23.1		1.7	12.0	87.3	80.9	0.39
Limo argilloso - Argilla limosa	19.30	1.46	59.54	83	17.9	45.7	23.2		1.7	12.1	87.2	80.8	0.39
Limo argilloso - Argilla limosa	19.32	1.52	58.13	81	17.8	48.2	23.3		1.7	12.5	88.0	81.7	0.39
Limo argilloso - Argilla limosa	19.34	1.49	59.75	82	17.9	47.0	23.2		1.7	12.3	87.8	81.4	0.39
Limo argilloso - Argilla limosa	19.36	1.47	59.14	83	17.9	46.2	23.2		1.7	12.1	87.4	81.1	0.39
Limo argilloso - Argilla limosa	19.38	1.47	58.45	82	17.8	46.2	23.2		1.7	12.1	87.4	81.0	0.39
Limo argilloso - Argilla limosa	19.40	1.49	58.11	82	17.8	46.9	23.2		1.7	12.3	87.6	81.3	0.39
Limo argilloso - Argilla limosa	19.42	1.54	58.60	81	17.9	49.2	23.4		1.7	12.7	88.5	82.3	0.39
Limo argilloso - Argilla limosa	19.44	1.60	59.71	80	17.9	51.4	23.5		1.8	13.2	89.5	83.3	0.40

Limo argilloso - Argilla limosa	19.46	1.68	60.88	78	17.9	55.0	23.7		1.8	14.0	90.9	84.9	0.40
Limo argilloso - Argilla limosa	19.48	1.67	62.54	79	18.0	54.4	23.7		1.8	13.9	91.0	84.9	0.40
Limo argilloso - Argilla limosa	19.50	1.67	65.61	80	18.0	53.8	23.7		1.8	13.8	91.2	85.1	0.40
Limo argilloso - Argilla limosa	19.52	1.63	69.14	82	18.1	51.8	23.6		1.8	13.5	90.9	84.7	0.40
Argilla limosa - Argilla	19.54	1.55	72.98	84	18.1	62.2	23.4		1.8	10.4	90.1	83.8	0.39
Argilla limosa - Argilla	19.56	1.48	74.35	86	18.1	57.9	23.2		1.7	9.9	89.1	82.6	0.39
Argilla limosa - Argilla	19.58	1.43	74.78	88	18.1	55.2	23.0		1.7	9.6	88.3	81.8	0.39
Argilla limosa - Argilla	19.60	1.33	73.33	90	18.1	49.9	22.7		1.7	8.9	86.6	79.8	0.38
Argilla limosa - Argilla	19.62	1.31	66.62	89	17.9	49.5	22.7		1.7	8.7	85.7	79.0	0.38
Argilla limosa - Argilla	19.64	1.34	56.96	85	17.8	52.6	22.8		1.7	8.9	85.5	78.9	0.38
Argilla limosa - Argilla	19.66	1.33	52.46	84	17.7	52.7	22.8		1.7	8.8	84.9	78.3	0.38
Limo argilloso - Argilla limosa	19.68	1.34	45.85	82	17.5	41.6	22.8		1.7	10.9	84.3	77.8	0.38
Limo argilloso - Argilla limosa	19.70	1.32	42.28	81	17.4	41.1	22.7		1.7	10.7	83.5	77.0	0.38
Limo argilloso - Argilla limosa	19.72	1.28	39.82	81	17.3	39.8	22.6		1.7	10.4	82.6	76.1	0.38
Limo argilloso - Argilla limosa	19.74	1.32	38.85	80	17.3	41.7	22.7		1.7	10.7	83.2	76.7	0.38
Limo argilloso - Argilla limosa	19.76	1.49	36.77	74	17.3	49.6	23.2		1.7	12.2	85.6	79.4	0.39
Limo argilloso - Argilla limosa	19.78	1.61	36.53	71	17.3	55.2	23.5		1.7	13.2	87.4	81.4	0.40
Limo argilloso - Argilla limosa	19.80	1.69	34.31	69	17.3	59.3	23.7		1.7	13.8	88.2	82.3	0.40
Limo argilloso - Argilla limosa	19.82	1.76	40.73	70	17.5	61.3	23.9		1.7	14.5	90.2	84.4	0.40
Limo argilloso - Argilla limosa	19.84	1.71	48.45	74	17.7	57.6	23.7		1.7	14.1	90.5	84.5	0.40
Limo argilloso - Argilla limosa	19.86	1.68	52.24	75	17.8	55.9	23.7		1.7	13.9	90.6	84.6	0.40
Limo argilloso - Argilla limosa	19.88	1.65	56.44	78	17.8	53.9	23.6		1.7	13.6	90.6	84.5	0.40
Limo argilloso - Argilla limosa	19.90	1.67	58.99	78	17.9	54.5	23.7		1.8	13.8	91.2	85.1	0.40
Limo argilloso - Argilla limosa	19.92	1.72	63.04	78	18.0	56.2	23.8		1.8	14.2	92.3	86.2	0.40
Limo argilloso - Argilla limosa	19.94	1.73	65.98	78	18.0	56.3	23.8		1.8	14.3	92.8	86.7	0.40
Limo argilloso - Argilla limosa	19.96	1.78	65.96	77	18.0	58.4	23.9		1.8	14.8	93.5	87.5	0.40
Limo argilloso - Argilla limosa	19.98	1.77	68.15	78	18.1	58.0	23.9		1.8	14.7	93.7	87.6	0.40
Limo argilloso - Argilla limosa	20.00	1.78	70.26	78	18.1	58.0	23.9		1.8	14.8	94.0	87.9	0.40
Limo argilloso - Argilla limosa	20.02	1.77	72.75	79	18.2	57.6	23.9		1.8	14.8	94.1	88.0	0.40
Limo argilloso - Argilla limosa	20.04	1.81	75.31	79	18.2	59.0	23.9		1.8	15.1	94.9	88.9	0.40
Limo argilloso - Argilla limosa	20.06	1.84	75.18	78	18.2	60.1	24.0		1.8	15.3	95.3	89.3	0.41
Limo argilloso - Argilla limosa	20.08	1.88	75.66	77	18.2	62.0	24.1		1.8	15.7	96.0	90.1	0.41
Limo argilloso - Argilla limosa	20.10	1.93	74.86	76	18.2	64.2	24.1		1.8	16.1	96.7	90.8	0.41

SUCCESSIONE LITOLOGICA E PARAMETRI GEOTECNICI Cpt-U 03

SUCCESSIONE LITOLOGICA E PARAMETRI GEOTECNICI Cpt-U 03													
Commissa:	ANDRIA S. Coop.r.l. - AbitCOOP soc. coop			Legenda									
Località:	Carpi (MO)			FC	Contenuto di fine in percentuale			OCR	Grado di sovraconsolidazione				
Indirizzo:	Via Meloni di Quartirolo			yt	Peso dell'unità di volume totale			Mo	Modulo edometrico				
Prova:	CPTU 3			su	Resistenza o Coesione non drenata			Gmax	Modulo di Taglio				
Data di indagine:	10 ottobre 2023			Dr	Densità relativa			Ey	Modulo di Young				
Falda:	m da p.c.			φ'	Resistenza drenata o di attrito			μ	Coefficiente di Poisson				
Liv. Piezometrico:	3.30 m da p.c.												
Latitudine:	0.00												
Longitudine:	0.00												
	Quota base strato da p.c.	Resistenza alla punta	Resistenza di attrito laterale	Y.F. (2010)	Robertson & Cabal (2009)	Robertson (2010)	Mayne et al (2014)	Jamiolkowski et al (2001)	Mayne et al (1998)	Togliani (2012)	Gmax	Lambe e whitman (1979)	μ
Litologia	Z (m)	qc (MPa)	fs (kPa)	FC%	yt (kN/m3)	su (kPa)	φ' (°)	Dr (%)	OCR	Mo (MPa)	Go (MPa)	Ey (Mpa)	
Argilla limosa - Argilla	0.02	0.28	8.57	100	15.0	14.5	28.4		12.9	7.1	2.4	2.3	0.48
Argilla limosa - Argilla	0.04	0.60	13.60	95	15.8	33.3	29.7		11.1	13.9	4.2	4.2	0.50
Sabbia limosa - Limo sabbioso	0.06	1.72	13.87	56	16.2		36.7	71	10.9	12.0	6.8	6.3	0.39
Sabbia limosa - Limo sabbioso	0.08	2.52	16.08	44	16.5		36.9	77	10.3	17.6	8.7	8.3	0.43
Sabbia limosa - Limo sabbioso	0.10	3.14	18.98	36	16.8		36.8	80	9.8	22.0	10.4	10.1	0.45
Sabbia limosa - Limo sabbioso	0.12	3.40	20.95	34	17.0		36.8	80	9.3	23.8	11.7	11.3	0.45
Sabbia limosa - Limo sabbioso	0.14	3.72	25.65	34	17.2		36.8	80	8.9	26.0	13.1	12.6	0.45
Sabbia pulita - Sabbia limosa	0.16	4.87	24.20	22	17.3		36.6	85	8.7	34.1	14.9	14.8	0.49
Sabbia pulita - Sabbia limosa	0.18	7.32	22.59	10	17.3		35.8	94	8.8	51.2	17.6	17.6	0.50
Sabbia pulita - Sabbia limosa	0.20	11.37	38.24	5	18.1		34.4	105	9.1	79.6	21.7	21.7	0.50
Sabbia pulita - Sabbia limosa	0.22	14.43	38.59	2	18.2		33.4	110	9.0	101.0	24.3	24.3	0.50
Sabbia pulita - Sabbia limosa	0.24	13.91	46.31	3	18.4		33.9	107	8.7	97.3	25.4	25.4	0.50
Sabbia pulita - Sabbia limosa	0.26	14.03	97.07	8	19.3		34.2	106	8.6	98.2	27.7	27.7	0.50
Sabbia pulita - Sabbia limosa	0.28	13.65	124.73	11	19.5		34.6	105	8.4	95.6	28.9	28.9	0.50
Sabbia pulita - Sabbia limosa	0.30	13.72	109.42	9	19.4		34.7	104	8.1	96.0	29.7	29.7	0.50
Sabbia pulita - Sabbia limosa	0.32	13.96	89.88	7	19.2		34.7	103	7.9	97.7	30.5	30.5	0.50
Sabbia pulita - Sabbia limosa	0.34	12.83	134.33	13	19.6		35.2	100	7.7	89.8	31.4	31.4	0.50
Sabbia pulita - Sabbia limosa	0.36	11.38	151.93	19	19.7		35.8	96	7.4	79.6	31.4	31.4	0.50
Sabbia pulita - Sabbia limosa	0.38	10.73	178.21	24	19.9		36.1	94	7.2	75.1	32.0	32.0	0.50
Sabbia limosa - Limo sabbioso	0.40	10.61	181.17	25	19.9		36.2	93	7.1	74.2	32.8	32.8	0.50
Sabbia limosa - Limo sabbioso	0.42	10.37	196.92	28	20.0		36.3	91	6.9	72.6	33.5	33.5	0.50
Sabbia limosa - Limo sabbioso	0.44	9.96	231.11	33	20.1		36.5	89	6.8	69.7	34.2	34.2	0.50
Sabbia limosa - Limo sabbioso	0.46	9.66	257.03	37	20.2		36.6	88	6.7	67.6	34.9	34.9	0.50
Sabbia limosa - Limo sabbioso	0.48	9.48	271.97	39	20.3		36.6	87	6.5	66.4	35.5	35.5	0.50
Sabbia limosa - Limo sabbioso	0.50	9.42	275.28	39	20.3		36.7	86	6.4	65.9	36.2	36.2	0.50
Sabbia limosa - Limo sabbioso	0.52	9.65	269.93	38	20.3		36.7	86	6.3	67.6	37.1	37.1	0.50
Sabbia limosa - Limo sabbioso	0.54	9.09	302.02	43	20.4		36.8	84	6.2	63.6	37.4	37.0	0.49
Sabbia limosa - Limo sabbioso	0.56	9.23	314.52	43	20.5		36.8	84	6.1	64.6	38.3	37.9	0.48
Sabbia limosa - Limo sabbioso	0.58	9.27	338.96	45	20.5		36.8	83	6.1	64.9	39.2	38.7	0.48
Sabbia limosa - Limo sabbioso	0.60	8.76	375.96	49	20.6		36.9	81	6.0	61.3	39.4	38.6	0.47
Sabbia limosa - Limo sabbioso	0.62	8.06	431.76	56	20.8		36.9	79	5.8	32.2	39.5	38.1	0.45
Sabbia limosa - Limo sabbioso	0.64	7.88	468.38	58	20.9		36.9	78	5.8	31.5	40.0	38.5	0.44
Sabbia limosa - Limo sabbioso	0.66	8.29	450.79	55	20.8		36.9	79	5.7	33.2	41.1	39.7	0.45
Sabbia limosa - Limo sabbioso	0.68	8.87	408.66	51	20.7		36.9	80	5.7	35.5	42.2	41.0	0.46
Sabbia limosa - Limo sabbioso	0.70	9.14	383.79	48	20.7		36.9	80	5.6	64.0	43.0	41.9	0.46
Sabbia limosa - Limo sabbioso	0.72	11.38	382.85	39	20.8		36.7	86	5.7	79.7	46.4	46.4	0.50
Sabbia limosa - Limo sabbioso	0.74	13.05	318.06	28	20.6		36.4	89	5.7	91.4	48.3	48.3	0.50
Sabbia limosa - Limo sabbioso	0.76	10.22	407.01	45	20.8		36.8	82	5.5	71.5	46.3	45.5	0.47
Sabbia limosa - Limo sabbioso	0.78	10.14	347.25	42	20.6		36.8	82	5.5	71.0	46.4	45.5	0.47
Sabbia limosa - Limo sabbioso	0.80	9.38	289.05	41	20.4		36.9	79	5.3	65.7	45.5	44.1	0.45
Sabbia limosa - Limo sabbioso	0.82	8.47	318.39	47	20.4		36.9	76	5.2	59.3	44.9	42.9	0.43
Sabbia limosa - Limo sabbioso	0.84	6.80	352.99	58	20.5		36.6	70	5.0	27.2	43.0	40.0	0.40
Limo - Argilla sovrconsolidato	0.86	6.39	337.65	59	20.4	239.9	36.5		4.9	201.1	42.6	42.6	0.50
Limo - Argilla sovrconsolidato	0.88	6.09	339.10	61	20.4	227.2	36.4		4.9	189.6	42.5	42.5	0.50
Sabbia limosa - Limo sabbioso	0.90	5.98	252.81	56	20.0		36.5	65	4.8	41.9	42.0	38.4	0.37
Limo - Argilla sovrconsolidato	0.92	5.86	287.79	59	20.2	221.7	36.3		4.7	179.1	42.5	42.5	0.50
Limo - Argilla sovrconsolidato	0.94	5.68	293.16	61	20.2	213.7	36.2		4.7	172.2	42.6	42.6	0.50
Limo - Argilla sovrconsolidato	0.96	5.49	303.02	63	20.2	204.9	31.0		4.6	165.0	42.7	42.7	0.50
Limo - Argilla sovrconsolidato	0.98	5.24	286.40	64	20.1	195.7	30.9		4.5	155.8	42.4	42.4	0.50
Limo - Argilla sovrconsolidato	1.00	5.19	287.91	64	20.1	193.3	30.9		4.5	153.2	42.7	42.7	0.50
Limo - Argilla sovrconsolidato	1.02	5.11	292.04	65	20.1	189.9	30.8		4.5	150.0	42.9	42.9	0.50
Limo - Argilla sovrconsolidato	1.04	5.16	297.11	65	20.2	191.3	30.8		4.4	150.7	43.5	43.5	0.50
Limo - Argilla sovrconsolidato	1.06	5.08	291.98	65	20.1	188.6	30.7		4.4	147.5	43.6	43.6	0.50
Limo - Argilla sovrconsolidato	1.08	5.08	290.59	65	20.1	188.7	30.7		4.4	146.8	44.0	44.0	0.50
Limo - Argilla sovrconsolidato	1.10	5.10	286.51	65	20.1	189.8	30.7		4.3	146.6	44.4	44.4	0.50
Limo - Argilla sovrconsolidato	1.12	5.12	281.89	64	20.1	190.7	30.7		4.3	146.4	44.7	44.7	0.50
Limo - Argilla sovrconsolidato	1.14	5.11	283.48	65	20.1	190.4	30.7		4.3	145.5	45.1	45.1	0.50
Limo - Argilla sovrconsolidato	1.16	5.10	276.77	64	20.1	190.5	30.6		4.2	144.5	45.3	45.3	0.50
Limo - Argilla sovrconsolidato	1.18	5.11	267.64	63	20.0	191.6	30.6		4.2	144.0	45.6	45.6	0.50
Limo - Argilla sovrconsolidato	1.20	5.08	255.44	63	20.0	191.4	30.6		4.2	142.4	45.8	45.8	0.50
Limo - Argilla sovrconsolidato	1.22	5.05	244.27	62	19.9	191.1	30.6		4.1	140.7	45.9	45.9	0.50
Limo - Argilla sovrconsolidato	1.24	5.03	234.13	61	19.9	190.9	35.7		4.1	139.2	46.1	46.1	0.50
Limo - Argilla sovrconsolidato	1.26	5.04	225.84	60	19.8	192.1	35.7		4.1	138.8	46.3	46.3	0.50
Sabbia limosa - Limo sabbioso	1.28	5.03	221.24	60	19.8		35.7	56	4.1	35.2	46.6	41.2	0.33
Sabbia limosa - Limo sabbioso	1.30	4.95	215.85	60	19.8		35.6	55	4.0	34.7	46.6	41.2	0.32
Sabbia limosa - Limo sabbioso	1.32	4.82	213.79	61	19.8		35.5	54	4.0	33.7	46.6	41.0	0.32
Limo - Argilla sovrconsolidato	1.34	4.57	215.38	63	19.8	173.0	30.2		3.9	122.6	46.2	46.2	0.50
Limo - Argilla sovrconsolidato	1.36	4.24	221.93	67	19.8	158.5	29.9		3.9	112.6	45.6	45.6	0.50
Limo - Argilla sovrconsolidato	1.38	4.09	228.91	69	19.8	151.6	29.8		3.8	107.9	45.6	45.6	0.50
Limo - Argilla sovrconsolidato	1.40	3.96	235.86	71	19.8	145.7	29.7		3.8	103.8	45.5	45.5	0.50

Limo - Argilla sovrconsolidato	1.42	3.79	240.55	73	19.8	138.6	29.6		3.8	98.8	45.3	45.3	0.50
Limo - Argilla sovrconsolidato	1.44	3.62	243.15	75	19.8	131.5	29.4		3.7	93.6	45.0	45.0	0.50
Limo - Argilla sovrconsolidato	1.46	3.44	245.83	77	19.8	124.0	29.2		3.7	88.2	44.7	44.7	0.50
Limo - Argilla sovrconsolidato	1.48	3.27	242.83	79	19.8	117.1	29.0		3.6	83.0	44.3	44.3	0.50
Limo - Argilla sovrconsolidato	1.50	3.05	232.44	81	19.7	108.8	28.8		3.6	76.6	43.6	43.6	0.50
Limo - Argilla sovrconsolidato	1.52	2.98	220.94	81	19.6	106.8	28.7		3.5	74.5	43.4	43.4	0.50
Limo - Argilla sovrconsolidato	1.54	2.97	208.65	80	19.5	107.1	28.7		3.5	73.9	43.5	43.5	0.50
Limo - Argilla sovrconsolidato	1.56	3.07	191.17	76	19.5	112.2	28.8		3.5	76.2	43.9	43.9	0.50
Limo - Argilla sovrconsolidato	1.58	3.13	180.38	75	19.4	115.2	28.8		3.5	77.4	44.2	44.2	0.50
Limo - Argilla sovrconsolidato	1.60	3.11	163.62	73	19.3	115.8	28.8		3.5	76.6	44.2	44.2	0.50
Limo - Argilla sovrconsolidato	1.62	3.02	144.80	72	19.1	113.6	28.6		3.4	73.7	43.7	43.7	0.50
Limo - Argilla sovrconsolidato	1.64	2.88	137.42	73	19.1	108.3	28.5		3.4	69.7	43.2	43.1	0.49
Limo - Argilla sovrconsolidato	1.66	2.61	132.25	76	19.0	97.4	28.1		3.3	62.4	42.2	41.8	0.49
Limo - Argilla sovrconsolidato	1.68	2.51	130.52	77	18.9	93.1	28.0		3.3	59.4	41.9	41.4	0.48
Limo - Argilla sovrconsolidato	1.70	2.38	131.39	79	18.9	87.6	27.8		3.3	55.9	41.5	40.9	0.48
Limo - Argilla sovrconsolidato	1.72	2.26	134.18	82	18.9	82.4	27.6		3.2	52.7	41.1	40.5	0.48
Limo - Argilla sovrconsolidato	1.74	2.09	136.64	85	18.9	75.4	27.3		3.2	48.3	40.5	39.7	0.47
Argilla limosa - Argilla	1.76	2.01	139.32	87	18.9	92.1	27.1		3.2	19.3	40.3	39.4	0.47
Argilla limosa - Argilla	1.78	1.99	140.10	87	18.9	91.2	27.1		3.1	19.1	40.4	39.5	0.47
Argilla limosa - Argilla	1.80	1.99	136.01	87	18.9	91.6	27.0		3.1	19.0	40.6	39.6	0.47
Argilla limosa - Argilla	1.82	2.06	128.44	84	18.9	95.8	27.1		3.1	19.6	41.0	40.1	0.47
Limo argilloso - Argilla limosa	1.84	2.09	118.24	82	18.8	76.6	27.2		3.1	24.5	41.1	40.3	0.47
Limo argilloso - Argilla limosa	1.86	2.03	105.12	81	18.6	74.9	27.0		3.1	23.5	40.7	39.7	0.47
Argilla limosa - Argilla	1.88	1.79	95.75	85	18.5	84.6	26.6		3.0	16.6	39.2	38.0	0.46
Argilla limosa - Argilla	1.90	1.73	98.41	86	18.5	81.0	26.4		3.0	15.9	39.1	37.8	0.45
Argilla limosa - Argilla	1.92	1.70	100.78	87	18.5	79.4	26.4		3.0	15.6	39.1	37.9	0.45
Argilla limosa - Argilla	1.94	1.68	101.02	88	18.5	77.8	26.3		2.9	15.3	39.1	37.8	0.45
Argilla limosa - Argilla	1.96	1.61	97.71	89	18.4	74.4	26.1		2.9	14.6	38.7	37.4	0.45
Argilla limosa - Argilla	1.98	1.54	96.31	90	18.4	71.0	26.0		2.9	13.9	38.4	37.0	0.44
Argilla limosa - Argilla	2.00	1.57	92.90	89	18.4	73.0	26.0		2.9	14.2	38.7	37.3	0.44
Argilla limosa - Argilla	2.02	1.63	86.00	86	18.3	77.2	26.1		2.9	14.7	39.1	37.7	0.45
Argilla limosa - Argilla	2.04	1.52	83.22	88	18.2	71.3	25.9		2.8	13.6	38.4	36.9	0.44
Argilla limosa - Argilla	2.06	1.36	82.39	92	18.2	62.7	25.4		2.8	12.0	37.4	35.7	0.43
Argilla limosa - Argilla	2.08	1.26	80.25	95	18.1	57.5	25.2		2.7	11.0	36.6	34.9	0.43
Argilla limosa - Argilla	2.10	1.22	76.64	96	18.1	55.4	25.0		2.7	10.5	36.3	34.5	0.42
Argilla limosa - Argilla	2.12	1.15	73.57	97	18.0	52.0	24.8		2.7	9.9	35.8	33.9	0.42
Argilla limosa - Argilla	2.14	1.05	69.19	99	17.9	47.4	24.5		2.6	8.9	34.9	32.9	0.41
Argilla limosa - Argilla	2.16	1.04	64.45	99	17.8	47.0	24.4		2.6	8.8	34.7	32.7	0.41
Argilla limosa - Argilla	2.18	1.02	59.36	98	17.7	46.8	24.3		2.6	8.6	34.6	32.5	0.41
Argilla limosa - Argilla	2.20	1.01	54.43	97	17.6	46.5	24.3		2.6	8.4	34.3	32.3	0.41
Argilla limosa - Argilla	2.22	1.06	50.70	94	17.5	50.1	24.5		2.6	8.9	34.8	32.8	0.41
Argilla limosa - Argilla	2.24	1.19	47.86	88	17.5	58.0	24.8		2.6	10.1	36.0	34.1	0.42
Limo argilloso - Argilla limosa	2.26	1.32	47.25	84	17.5	50.3	25.2		2.6	13.9	37.1	35.4	0.43
Limo argilloso - Argilla limosa	2.28	1.35	46.45	83	17.5	51.5	25.3		2.6	14.1	37.4	35.7	0.43
Argilla limosa - Argilla	2.30	1.32	47.92	84	17.5	65.6	25.2		2.6	11.2	37.4	35.6	0.43
Argilla limosa - Argilla	2.32	1.32	52.06	86	17.6	64.7	25.2		2.6	11.2	37.8	36.0	0.43
Limo argilloso - Argilla limosa	2.34	1.40	52.68	83	17.7	53.0	25.3		2.6	14.7	38.6	36.8	0.43
Limo argilloso - Argilla limosa	2.36	1.42	53.87	83	17.7	53.5	25.4		2.6	14.8	38.9	37.1	0.43
Argilla limosa - Argilla	2.38	1.30	56.79	88	17.7	62.6	25.1		2.6	11.0	38.2	36.3	0.43
Argilla limosa - Argilla	2.40	1.09	63.07	96	17.8	49.7	24.4		2.5	9.0	36.7	34.5	0.41
Argilla limosa - Argilla	2.42	0.94	66.84	100	17.8	41.5	23.9		2.5	7.7	35.5	33.2	0.40
Argilla limosa - Argilla	2.44	0.88	66.36	100	17.8	38.4	23.7		2.5	7.1	34.9	32.5	0.40
Argilla limosa - Argilla	2.46	0.86	63.95	100	17.7	37.5	23.5		2.4	6.9	34.7	32.3	0.40
Argilla limosa - Argilla	2.48	0.85	61.30	100	17.7	37.1	23.5		2.4	6.8	34.6	32.2	0.39
Argilla limosa - Argilla	2.50	0.87	56.88	100	17.6	38.9	23.6		2.4	7.0	34.9	32.5	0.40
Argilla limosa - Argilla	2.52	0.87	49.36	100	17.4	39.6	23.6		2.4	7.0	34.6	32.2	0.40
Argilla limosa - Argilla	2.54	0.85	41.58	99	17.2	39.7	23.5		2.4	6.8	34.2	31.8	0.39
Argilla limosa - Argilla	2.56	0.86	36.37	96	17.1	41.1	23.5		2.4	6.9	34.1	31.7	0.39
Argilla limosa - Argilla	2.58	0.82	36.10	98	17.0	38.8	23.3		2.4	6.5	33.7	31.3	0.39
Argilla limosa - Argilla	2.60	0.80	35.71	99	17.0	37.7	23.2		2.3	6.3	33.6	31.1	0.39
Argilla limosa - Argilla	2.62	0.80	35.89	99	17.0	37.7	23.2		2.3	6.3	33.7	31.2	0.39
Argilla limosa - Argilla	2.64	0.81	36.82	99	17.1	37.8	23.2		2.3	6.4	33.9	31.4	0.39
Argilla limosa - Argilla	2.66	0.77	35.08	100	17.0	36.0	23.0		2.3	6.0	33.5	30.9	0.39
Argilla limosa - Argilla	2.68	0.80	33.91	98	17.0	37.9	23.1		2.3	6.3	33.9	31.3	0.39
Argilla limosa - Argilla	2.70	0.92	34.31	93	17.0	44.5	23.7		2.4	7.2	35.3	32.9	0.40
Argilla limosa - Argilla	2.72	1.04	34.53	88	17.1	51.9	24.1		2.4	8.3	36.7	34.4	0.41
Argilla limosa - Argilla	2.74	1.12	35.15	85	17.1	56.5	24.3		2.4	9.0	37.6	35.4	0.41
Argilla limosa - Argilla	2.76	1.07	39.78	89	17.3	52.0	24.1		2.4	8.5	37.5	35.2	0.41
Argilla limosa - Argilla	2.78	1.00	43.18	93	17.3	47.3	23.9		2.4	7.9	37.1	34.7	0.40
Argilla limosa - Argilla	2.80	0.92	44.41	97	17.3	42.5	23.6		2.3	7.2	36.4	33.9	0.40
Argilla limosa - Argilla	2.82	0.83	45.38	100	17.3	37.7	23.2		2.3	6.5	35.6	33.0	0.39
Argilla limosa - Argilla	2.84	0.79	45.99	100	17.3	35.4	22.9		2.3	6.1	35.2	32.5	0.39
Argilla limosa - Argilla	2.86	0.86	53.12	100	17.5	38.4	23.3		2.3	6.7	36.5	33.9	0.39
Argilla limosa - Argilla	2.88	0.92	58.21	100	17.6	41.0	23.5		2.3	7.2	37.5	34.9	0.40
Argilla limosa - Argilla	2.90	0.96	55.94	99	17.6	43.4	23.7		2.3	7.5	38.0	35.4	0.40
Argilla limosa - Argilla	2.92	1.14	55.38	92	17.7	53.5	24.3		2.4	9.1	40.0	37.6	0.41
Argilla limosa - Argilla	2.94	1.36	54.12	85	17.7	66.0	24.9		2.4	10.9	42.0	39.8	0.42
Limo argilloso - Argilla limosa	2.96	1.55	52.06	79	17.7	59.1	25.3		2.5	15.5	43.5	41.6	0.43
Limo argilloso - Argilla limosa	2.98	1.75	50.93	74	17.7	68.2	25.7		2.5	17.6	45.1	43.3	0.44
Limo argilloso - Argilla limosa	3.00	1.82	54.11	74	17.8	70.6	25.9		2.5	18.4	45.9	44.2	0.44
Limo argilloso - Argilla limosa	3.02	1.89	60.00	74	17.9	73.0	26.0		2.5	19.2	46.9	45.2	0.45
Limo argilloso - Argilla limosa	3.04	2.03	66.24	73	18.1	78.1	26.2		2.6	20.7	48.2	46.6	0.45

Limo argilloso - Argilla limosa	3.06	2.13	72.42	73	18.2	81.9	26.4		2.6	21.9	49.3	47.8	0.45
Limo argilloso - Argilla limosa	3.08	2.01	74.59	76	18.2	76.1	26.2		2.6	20.5	48.7	47.1	0.45
Limo argilloso - Argilla limosa	3.10	1.87	74.29	78	18.2	70.3	25.9		2.5	18.9	47.9	46.1	0.44
Limo argilloso - Argilla limosa	3.12	1.69	74.94	82	18.2	62.2	25.5		2.5	16.9	46.7	44.7	0.44
Argilla limosa - Argilla	3.14	1.46	75.49	88	18.1	67.9	25.0		2.4	11.7	45.0	42.7	0.43
Argilla limosa - Argilla	3.16	1.31	74.42	92	18.0	59.5	24.6		2.4	10.3	43.6	41.2	0.42
Argilla limosa - Argilla	3.18	1.04	75.80	100	18.0	44.9	23.8		2.3	8.0	41.0	38.3	0.40
Argilla limosa - Argilla	3.20	0.89	70.52	100	17.8	37.7	23.1		2.3	6.8	39.3	36.4	0.39
Argilla limosa - Argilla	3.22	0.91	65.37	100	17.8	39.1	23.2		2.3	6.9	39.4	36.5	0.39
Argilla limosa - Argilla	3.24	0.95	65.56	100	17.8	41.0	23.4		2.3	7.2	40.0	37.1	0.39
Argilla limosa - Argilla	3.26	0.97	62.33	100	17.7	42.6	23.5		2.3	7.4	40.2	37.4	0.39
Argilla limosa - Argilla	3.28	1.00	55.55	98	17.6	44.6	23.6		2.3	7.6	40.3	37.5	0.40
Argilla limosa - Argilla	3.30	0.89	48.88	100	17.4	39.6	23.1		2.2	6.7	38.8	35.9	0.39
Argilla limosa - Argilla	3.32	0.80	44.11	100	17.3	35.0	22.6		2.2	5.9	37.4	34.4	0.38
Argilla limosa - Argilla	3.34	0.72	43.91	100	17.2	30.9	22.2		2.1	5.3	36.4	33.3	0.37
Argilla limosa - Argilla	3.36	0.63	43.18	100	17.1	25.9	21.5		2.1	4.5	35.0	31.8	0.36
Argilla limosa - Argilla	3.38	0.66	42.38	100	17.1	27.5	21.7		2.1	4.7	35.4	32.3	0.37
Argilla limosa - Argilla	3.40	0.92	41.90	96	17.3	41.9	23.2		2.2	6.8	38.9	36.1	0.39
Argilla limosa - Argilla	3.42	1.24	41.82	85	17.4	60.5	24.3		2.3	9.5	42.4	39.9	0.41
Limo argilloso - Argilla limosa	3.44	1.40	40.78	79	17.4	53.4	24.7		2.3	13.3	43.9	41.5	0.42
Limo argilloso - Argilla limosa	3.46	1.48	45.16	79	17.5	56.6	24.9		2.3	14.2	45.0	42.7	0.42
Limo argilloso - Argilla limosa	3.48	1.44	51.48	82	17.7	53.9	24.8		2.3	13.8	45.0	42.7	0.42
Argilla limosa - Argilla	3.50	1.24	56.89	90	17.7	57.9	24.3		2.3	9.5	43.5	40.9	0.41
Argilla limosa - Argilla	3.52	0.94	60.23	100	17.7	40.9	23.3		2.2	7.0	40.4	37.5	0.39
Argilla limosa - Argilla	3.54	0.77	59.35	100	17.6	31.8	22.4		2.2	5.6	38.2	35.0	0.38
Argilla limosa - Argilla	3.56	0.66	57.65	100	17.5	26.5	21.7		2.1	4.8	36.6	33.3	0.37
Argilla limosa - Argilla	3.58	0.61	57.64	100	17.5	23.7	21.3		2.1	4.3	35.7	32.4	0.36
Argilla limosa - Argilla	3.60	0.56	54.50	100	17.4	21.6	21.0		2.1	4.0	34.9	31.5	0.35
Argilla limosa - Argilla	3.62	0.56	49.55	100	17.3	21.6	21.0		2.0	3.9	34.6	31.2	0.35
Argilla limosa - Argilla	3.64	0.57	46.21	100	17.2	22.6	21.1		2.0	4.0	34.7	31.4	0.35
Argilla limosa - Argilla	3.66	0.58	41.48	100	17.1	23.4	21.1		2.0	4.1	34.7	31.4	0.36
Argilla limosa - Argilla	3.68	0.57	36.45	100	16.9	23.0	21.0		2.0	4.0	34.2	30.8	0.35
Argilla limosa - Argilla	3.70	0.54	30.22	100	16.7	22.0	20.8		2.0	3.7	33.2	29.9	0.35
Argilla limosa - Argilla	3.72	0.51	27.33	100	16.5	21.0	20.6		2.0	3.5	32.6	29.3	0.35
Argilla limosa - Argilla	3.74	0.50	27.73	100	16.5	20.4	20.5		2.0	3.5	32.5	29.1	0.35
Argilla limosa - Argilla	3.76	0.51	28.78	100	16.6	20.8	20.6		2.0	3.5	32.8	29.4	0.35
Argilla limosa - Argilla	3.78	0.51	28.99	100	16.6	20.7	20.5		2.0	3.5	32.8	29.5	0.35
Argilla limosa - Argilla	3.80	0.50	28.01	100	16.6	20.3	20.5		2.0	3.4	32.6	29.2	0.35
Argilla limosa - Argilla	3.82	0.49	26.88	100	16.5	19.6	20.3		2.0	3.3	32.3	28.9	0.34
Argilla limosa - Argilla	3.84	0.46	25.44	100	16.4	18.4	20.1		1.9	3.1	31.7	28.3	0.34
Argilla limosa - Argilla	3.86	0.50	29.60	100	16.6	20.1	20.5		2.0	3.5	32.8	29.4	0.34
Argilla limosa - Argilla	3.88	0.55	33.81	100	16.8	22.9	20.9		2.0	3.9	34.2	30.9	0.35
Argilla limosa - Argilla	3.90	0.56	33.91	100	16.8	23.5	21.0		2.0	4.0	34.5	31.1	0.35
Argilla limosa - Argilla	3.92	0.57	32.89	100	16.8	23.8	21.1		2.0	4.0	34.5	31.2	0.35
Argilla limosa - Argilla	3.94	0.57	31.86	100	16.8	24.2	21.1		2.0	4.1	34.6	31.2	0.36
Argilla limosa - Argilla	3.96	0.57	31.27	100	16.7	24.2	21.1		2.0	4.1	34.5	31.2	0.36
Argilla limosa - Argilla	3.98	0.57	31.29	100	16.7	23.9	21.0		2.0	4.0	34.5	31.1	0.35
Argilla limosa - Argilla	4.00	0.56	32.09	100	16.8	23.3	21.0		2.0	3.9	34.4	31.0	0.35
Argilla limosa - Argilla	4.02	0.55	33.46	100	16.8	22.6	20.9		2.0	3.9	34.3	31.0	0.35
Argilla limosa - Argilla	4.04	0.57	35.52	100	16.9	23.4	21.0		2.0	4.0	34.9	31.5	0.35
Argilla limosa - Argilla	4.06	0.61	37.01	100	17.0	25.4	21.3		2.0	4.3	35.7	32.3	0.36
Argilla limosa - Argilla	4.08	0.63	37.54	100	17.0	26.6	21.5		2.0	4.5	36.1	32.8	0.36
Argilla limosa - Argilla	4.10	0.63	36.40	100	17.0	26.7	21.5		2.0	4.5	36.1	32.8	0.36
Argilla limosa - Argilla	4.12	0.64	35.22	100	16.9	27.4	21.5		2.0	4.6	36.2	32.9	0.36
Argilla limosa - Argilla	4.14	0.65	35.52	100	16.9	27.8	21.6		2.0	4.7	36.4	33.1	0.36
Argilla limosa - Argilla	4.16	0.70	34.61	100	16.9	30.7	21.9		2.0	5.0	37.1	33.9	0.37
Argilla limosa - Argilla	4.18	0.89	33.03	93	17.0	41.8	22.9		2.1	6.5	39.6	36.6	0.39
Limo argilloso - Argilla limosa	4.20	1.14	32.41	83	17.0	43.2	23.9		2.2	10.5	42.4	39.7	0.40
Limo argilloso - Argilla limosa	4.22	1.22	35.01	82	17.2	46.4	24.1		2.2	11.3	43.5	40.9	0.41
Argilla limosa - Argilla	4.24	1.18	39.98	85	17.3	57.5	24.0		2.2	8.9	43.5	40.8	0.41
Argilla limosa - Argilla	4.26	1.12	46.07	90	17.4	52.2	23.8		2.2	8.3	43.3	40.4	0.40
Argilla limosa - Argilla	4.28	1.03	50.34	95	17.5	46.4	23.5		2.2	7.6	42.6	39.6	0.40
Argilla limosa - Argilla	4.30	0.96	52.78	98	17.5	42.5	23.2		2.1	7.1	42.0	38.9	0.39
Argilla limosa - Argilla	4.32	0.88	54.64	100	17.5	38.0	22.8		2.1	6.5	41.1	37.9	0.38
Argilla limosa - Argilla	4.34	0.86	55.61	100	17.6	36.6	22.7		2.1	6.3	40.9	37.7	0.38
Argilla limosa - Argilla	4.36	0.82	56.25	100	17.6	34.6	22.5		2.1	6.0	40.4	37.2	0.38
Argilla limosa - Argilla	4.38	0.76	53.42	100	17.5	32.1	22.2		2.1	5.6	39.6	36.3	0.37
Argilla limosa - Argilla	4.40	0.71	50.32	100	17.4	29.5	21.9		2.1	5.1	38.7	35.3	0.37
Argilla limosa - Argilla	4.42	0.70	46.47	100	17.3	29.2	21.8		2.0	5.0	38.4	35.0	0.37
Argilla limosa - Argilla	4.44	0.73	44.26	100	17.2	31.3	22.1		2.0	5.3	38.8	35.5	0.37
Argilla limosa - Argilla	4.46	0.80	39.81	100	17.1	35.4	22.4		2.1	5.8	39.5	36.3	0.38
Argilla limosa - Argilla	4.48	0.86	37.20	96	17.1	39.5	22.7		2.1	6.3	40.2	37.1	0.38
Argilla limosa - Argilla	4.50	0.91	36.91	94	17.1	42.4	23.0		2.1	6.7	40.9	37.8	0.39
Argilla limosa - Argilla	4.52	0.99	35.94	90	17.1	47.0	23.3		2.1	7.3	41.8	38.8	0.39
Argilla limosa - Argilla	4.54	1.07	37.28	88	17.2	51.7	23.7		2.1	8.0	42.9	40.0	0.40
Argilla limosa - Argilla	4.56	1.20	41.52	85	17.3	58.4	24.0		2.2	9.0	44.6	41.8	0.41
Argilla limosa - Argilla	4.58	1.29	47.35	85	17.5	62.4	24.3		2.2	9.8	46.0	43.2	0.41
Argilla limosa - Argilla	4.60	1.24	54.71	89	17.7	58.2	24.1		2.2	9.4	45.9	43.1	0.41
Argilla limosa - Argilla	4.62	1.16	62.48	94	17.8	52.3	23.9		2.2	8.7	45.5	42.5	0.40
Argilla limosa - Argilla	4.64	1.10	67.43	97	17.9	48.7	23.7		2.2	8.3	45.1	42.1	0.40
Argilla limosa - Argilla	4.66	1.17	68.76	95	17.9	52.0	23.9		2.2	8.8	45.9	43.0	0.40
Argilla limosa - Argilla	4.68	1.33	65.56	89	17.9	61.5	24.4		2.2	10.1	47.6	44.8	0.41

Argilla limosa - Argilla	4.70	1.51	66.75	84	18.0	71.5	24.8		2.3	11.6	49.4	46.8	0.42
Argilla limosa - Argilla	4.72	1.50	71.60	86	18.1	69.8	24.8		2.3	11.5	49.5	46.9	0.42
Argilla limosa - Argilla	4.74	1.31	76.71	93	18.1	58.5	24.3		2.2	9.9	47.9	45.0	0.41
Argilla limosa - Argilla	4.76	1.17	79.53	97	18.1	50.9	23.9		2.2	8.8	46.6	43.6	0.40
Argilla limosa - Argilla	4.78	1.12	79.83	99	18.1	48.0	23.7		2.2	8.4	46.0	43.0	0.40
Argilla limosa - Argilla	4.80	1.12	79.19	99	18.1	48.3	23.8		2.2	8.4	46.1	43.0	0.40
Argilla limosa - Argilla	4.82	1.13	80.40	99	18.1	48.7	23.8		2.2	8.5	46.3	43.3	0.40
Argilla limosa - Argilla	4.84	1.10	79.67	100	18.1	47.1	23.7		2.2	8.2	46.0	42.9	0.40
Argilla limosa - Argilla	4.86	1.14	90.12	100	18.2	48.1	23.8		2.2	8.5	46.8	43.7	0.40
Argilla limosa - Argilla	4.88	0.92	85.74	100	18.1	37.1	22.9		2.1	6.7	44.0	40.6	0.38
Argilla limosa - Argilla	4.90	0.78	72.20	100	17.8	31.1	22.2		2.1	5.6	41.6	38.1	0.37
Argilla limosa - Argilla	4.92	0.77	68.89	100	17.8	30.5	22.1		2.0	5.5	41.3	37.8	0.37
Argilla limosa - Argilla	4.94	0.71	64.83	100	17.7	27.9	21.8		2.0	5.1	40.4	36.8	0.37
Argilla limosa - Argilla	4.96	0.65	59.35	100	17.5	25.2	21.4		2.0	4.6	39.2	35.6	0.36
Argilla limosa - Argilla	4.98	0.61	55.38	100	17.4	23.4	21.1		2.0	4.3	38.4	34.7	0.36
Argilla limosa - Argilla	5.00	0.57	47.47	100	17.2	21.6	20.8		1.9	3.9	37.2	33.5	0.35
Argilla limosa - Argilla	5.02	0.55	38.16	100	17.0	21.5	20.7		1.9	3.8	36.4	32.8	0.35
Argilla limosa - Argilla	5.04	0.58	33.61	100	16.8	23.2	20.9		1.9	4.0	36.6	33.0	0.35
Argilla limosa - Argilla	5.06	0.60	32.74	100	16.8	24.7	21.0		1.9	4.2	37.0	33.4	0.35
Argilla limosa - Argilla	5.08	0.62	32.42	100	16.8	25.8	21.2		1.9	4.3	37.4	33.8	0.36
Argilla limosa - Argilla	5.10	0.68	29.10	100	16.7	29.6	21.6		1.9	4.8	38.1	34.6	0.36
Argilla limosa - Argilla	5.12	0.73	27.55	98	16.7	32.7	21.9		2.0	5.1	38.8	35.4	0.37
Argilla limosa - Argilla	5.14	0.81	27.09	94	16.7	37.2	22.3		2.0	5.7	39.8	36.5	0.38
Argilla limosa - Argilla	5.16	0.87	28.30	92	16.8	40.5	22.6		2.0	6.2	40.8	37.5	0.38
Argilla limosa - Argilla	5.18	0.89	31.59	92	16.9	41.3	22.7		2.0	6.4	41.4	38.2	0.38
Argilla limosa - Argilla	5.20	0.91	36.47	94	17.1	41.2	22.8		2.0	6.5	42.1	38.8	0.38
Argilla limosa - Argilla	5.22	0.90	40.17	96	17.2	40.3	22.8		2.0	6.5	42.3	39.0	0.38
Argilla limosa - Argilla	5.24	0.90	43.27	97	17.3	39.5	22.7		2.0	6.4	42.5	39.2	0.38
Argilla limosa - Argilla	5.26	0.89	48.18	100	17.4	38.3	22.7		2.0	6.4	42.7	39.3	0.38
Argilla limosa - Argilla	5.28	0.88	51.80	100	17.5	37.4	22.6		2.0	6.3	42.8	39.4	0.38
Argilla limosa - Argilla	5.30	0.87	53.12	100	17.5	37.0	22.6		2.0	6.3	42.8	39.4	0.38
Argilla limosa - Argilla	5.32	0.85	53.64	100	17.5	35.8	22.5		2.0	6.1	42.6	39.2	0.38
Argilla limosa - Argilla	5.34	0.85	52.14	100	17.5	35.9	22.5		2.0	6.1	42.6	39.1	0.38
Argilla limosa - Argilla	5.36	0.85	49.71	100	17.4	36.2	22.5		2.0	6.1	42.5	39.1	0.38
Argilla limosa - Argilla	5.38	0.86	49.25	100	17.4	36.5	22.5		2.0	6.1	42.6	39.1	0.38
Argilla limosa - Argilla	5.40	0.84	48.72	100	17.4	35.4	22.4		2.0	6.0	42.3	38.8	0.38
Argilla limosa - Argilla	5.42	0.82	47.95	100	17.4	34.7	22.3		2.0	5.8	42.1	38.6	0.38
Argilla limosa - Argilla	5.44	0.82	46.98	100	17.3	34.5	22.3		2.0	5.8	42.0	38.5	0.38
Argilla limosa - Argilla	5.46	0.82	46.34	100	17.3	34.8	22.3		2.0	5.8	42.1	38.6	0.38
Argilla limosa - Argilla	5.48	0.84	46.99	100	17.4	35.5	22.4		2.0	5.9	42.3	38.9	0.38
Argilla limosa - Argilla	5.50	0.84	47.95	100	17.4	35.7	22.4		2.0	6.0	42.5	39.0	0.38
Argilla limosa - Argilla	5.52	0.84	47.40	100	17.4	35.4	22.4		2.0	5.9	42.4	38.9	0.38
Argilla limosa - Argilla	5.54	0.80	46.50	100	17.3	33.3	22.1		2.0	5.6	41.8	38.3	0.37
Argilla limosa - Argilla	5.56	0.79	45.54	100	17.3	32.9	22.1		2.0	5.5	41.7	38.1	0.37
Argilla limosa - Argilla	5.58	0.77	45.28	100	17.3	32.1	22.0		2.0	5.4	41.5	37.9	0.37
Argilla limosa - Argilla	5.60	0.75	44.31	100	17.2	30.8	21.9		2.0	5.2	41.1	37.5	0.37
Argilla limosa - Argilla	5.62	0.70	43.27	100	17.2	28.5	21.6		1.9	4.9	40.3	36.7	0.36
Argilla limosa - Argilla	5.64	0.69	40.51	100	17.1	28.2	21.5		1.9	4.8	40.0	36.4	0.36
Argilla limosa - Argilla	5.66	0.71	38.05	100	17.0	29.3	21.6		1.9	4.9	40.1	36.5	0.36
Argilla limosa - Argilla	5.68	0.76	34.26	100	17.0	32.5	21.9		1.9	5.3	40.6	37.1	0.37
Argilla limosa - Argilla	5.70	0.80	32.44	97	16.9	35.0	22.1		2.0	5.6	41.1	37.6	0.37
Argilla limosa - Argilla	5.72	0.81	30.82	96	16.9	35.9	22.2		2.0	5.6	41.2	37.7	0.37
Argilla limosa - Argilla	5.74	0.81	30.28	96	16.8	36.0	22.2		2.0	5.6	41.1	37.7	0.37
Argilla limosa - Argilla	5.76	0.80	29.69	96	16.8	35.8	22.1		1.9	5.6	41.0	37.6	0.37
Argilla limosa - Argilla	5.78	0.80	27.66	94	16.7	36.2	22.1		1.9	5.6	40.9	37.4	0.37
Argilla limosa - Argilla	5.80	0.81	28.62	94	16.8	36.5	22.2		1.9	5.7	41.2	37.7	0.37
Argilla limosa - Argilla	5.82	0.79	29.32	96	16.8	35.2	22.1		1.9	5.5	41.0	37.5	0.37
Argilla limosa - Argilla	5.84	0.79	29.56	96	16.8	35.2	22.1		1.9	5.5	41.0	37.5	0.37
Argilla limosa - Argilla	5.86	0.81	33.16	97	16.9	35.7	22.2		2.0	5.7	41.7	38.2	0.37
Argilla limosa - Argilla	5.88	0.85	38.91	98	17.1	37.1	22.4		2.0	6.0	42.7	39.2	0.38
Argilla limosa - Argilla	5.90	0.85	39.13	98	17.2	37.3	22.4		2.0	6.0	42.8	39.3	0.38
Argilla limosa - Argilla	5.92	0.84	40.35	99	17.2	36.3	22.3		2.0	5.9	42.8	39.2	0.38
Argilla limosa - Argilla	5.94	0.80	42.20	100	17.2	34.1	22.1		2.0	5.6	42.4	38.8	0.37
Argilla limosa - Argilla	5.96	0.77	43.80	100	17.2	32.2	22.0		2.0	5.4	42.1	38.5	0.37
Argilla limosa - Argilla	5.98	0.77	43.78	100	17.2	32.0	21.9		1.9	5.4	42.1	38.4	0.37
Argilla limosa - Argilla	6.00	0.78	42.78	100	17.2	32.9	22.0		1.9	5.5	42.3	38.6	0.37
Argilla limosa - Argilla	6.02	0.81	41.67	100	17.2	34.3	22.1		2.0	5.7	42.6	39.0	0.37
Argilla limosa - Argilla	6.04	0.82	41.75	100	17.2	35.1	22.2		2.0	5.8	42.8	39.2	0.37
Argilla limosa - Argilla	6.06	0.83	41.99	100	17.2	35.6	22.3		2.0	5.9	43.0	39.4	0.38
Argilla limosa - Argilla	6.08	0.82	41.80	100	17.2	35.1	22.2		2.0	5.8	42.9	39.3	0.37
Argilla limosa - Argilla	6.10	0.81	42.09	100	17.2	34.2	22.1		2.0	5.7	42.7	39.1	0.37
Argilla limosa - Argilla	6.12	0.80	42.04	100	17.2	33.9	22.1		1.9	5.6	42.7	39.1	0.37
Argilla limosa - Argilla	6.14	0.81	43.09	100	17.2	34.3	22.1		2.0	5.7	42.9	39.3	0.37
Argilla limosa - Argilla	6.16	0.82	44.12	100	17.3	34.7	22.2		2.0	5.8	43.2	39.6	0.37
Argilla limosa - Argilla	6.18	0.80	44.06	100	17.3	33.6	22.1		1.9	5.6	42.9	39.3	0.37
Argilla limosa - Argilla	6.20	0.79	43.11	100	17.2	33.1	22.0		1.9	5.5	42.7	39.1	0.37
Argilla limosa - Argilla	6.22	0.78	42.25	100	17.2	32.4	21.9		1.9	5.4	42.5	38.8	0.37
Argilla limosa - Argilla	6.24	0.77	41.53	100	17.2	32.2	21.9		1.9	5.4	42.4	38.7	0.37
Argilla limosa - Argilla	6.26	0.77	40.08	100	17.1	32.0	21.9		1.9	5.3	42.3	38.6	0.37
Argilla limosa - Argilla	6.28	0.78	39.42	100	17.1	32.6	21.9		1.9	5.4	42.4	38.7	0.37
Argilla limosa - Argilla	6.30	0.77	39.15	100	17.1	32.4	21.9		1.9	5.4	42.3	38.6	0.37
Argilla limosa - Argilla	6.32	0.77	39.21	100	17.1	32.4	21.9		1.9	5.4	42.4	38.7	0.37

Argilla limosa - Argilla	6.34	0.79	38.65	100	17.1	33.5	22.0		1.9	5.5	42.7	39.0	0.37
Argilla limosa - Argilla	6.36	0.82	37.79	99	17.1	35.0	22.1		1.9	5.7	43.0	39.4	0.37
Argilla limosa - Argilla	6.38	0.86	37.87	97	17.1	37.2	22.3		1.9	6.0	43.6	40.0	0.38
Argilla limosa - Argilla	6.40	0.88	38.50	96	17.1	38.3	22.4		1.9	6.1	44.0	40.4	0.38
Argilla limosa - Argilla	6.42	0.89	38.72	96	17.2	39.1	22.5		2.0	6.2	44.2	40.7	0.38
Argilla limosa - Argilla	6.44	0.90	39.02	95	17.2	39.6	22.5		2.0	6.3	44.4	40.9	0.38
Argilla limosa - Argilla	6.46	0.88	39.80	96	17.2	38.3	22.4		1.9	6.2	44.2	40.6	0.38
Argilla limosa - Argilla	6.48	0.86	41.45	98	17.2	36.9	22.3		1.9	6.0	44.1	40.5	0.38
Argilla limosa - Argilla	6.50	0.83	43.55	100	17.3	34.7	22.1		1.9	5.8	43.8	40.1	0.37
Argilla limosa - Argilla	6.52	0.81	44.60	100	17.3	33.7	22.1		1.9	5.6	43.7	39.9	0.37
Argilla limosa - Argilla	6.54	0.79	45.20	100	17.3	32.6	22.0		1.9	5.5	43.4	39.7	0.37
Argilla limosa - Argilla	6.56	0.79	46.02	100	17.3	32.2	21.9		1.9	5.5	43.4	39.7	0.37
Argilla limosa - Argilla	6.58	0.75	46.74	100	17.3	30.0	21.7		1.9	5.2	42.9	39.1	0.37
Argilla limosa - Argilla	6.60	0.73	46.40	100	17.3	29.2	21.6		1.9	5.0	42.7	38.8	0.36
Argilla limosa - Argilla	6.62	0.73	44.52	100	17.2	29.1	21.6		1.9	5.0	42.5	38.6	0.36
Argilla limosa - Argilla	6.64	0.74	40.83	100	17.1	30.2	21.7		1.9	5.1	42.5	38.7	0.37
Argilla limosa - Argilla	6.66	0.75	37.22	100	17.0	30.9	21.7		1.9	5.1	42.4	38.6	0.37
Argilla limosa - Argilla	6.68	0.75	35.25	100	17.0	31.2	21.7		1.9	5.1	42.3	38.5	0.37
Argilla limosa - Argilla	6.70	0.73	32.77	100	16.9	30.7	21.6		1.9	5.0	41.9	38.1	0.36
Argilla limosa - Argilla	6.72	0.72	30.22	100	16.8	30.2	21.5		1.9	4.9	41.4	37.6	0.36
Argilla limosa - Argilla	6.74	0.72	27.58	98	16.7	30.9	21.5		1.9	4.9	41.3	37.5	0.36
Argilla limosa - Argilla	6.76	0.72	27.72	99	16.7	30.6	21.5		1.9	4.9	41.3	37.5	0.36
Argilla limosa - Argilla	6.78	0.68	27.41	100	16.7	28.7	21.3		1.8	4.6	40.7	36.9	0.36
Argilla limosa - Argilla	6.80	0.65	26.08	100	16.6	27.2	21.1		1.8	4.4	40.1	36.2	0.36
Argilla limosa - Argilla	6.82	0.65	26.13	100	16.6	27.2	21.1		1.8	4.4	40.1	36.3	0.36
Argilla limosa - Argilla	6.84	0.68	26.20	100	16.6	28.9	21.3		1.8	4.6	40.7	36.9	0.36
Argilla limosa - Argilla	6.86	0.87	25.21	90	16.7	40.3	22.3		1.9	6.0	43.4	39.9	0.38
Limo argilloso - Argilla limosa	6.88	1.05	25.76	82	16.8	39.9	23.2		1.9	9.3	46.2	42.8	0.39
Argilla limosa - Argilla	6.90	1.02	27.29	85	16.8	49.5	23.0		1.9	7.2	45.8	42.4	0.39
Argilla limosa - Argilla	6.92	0.96	30.36	89	16.9	44.7	22.8		1.9	6.7	45.4	41.8	0.38
Argilla limosa - Argilla	6.94	0.96	31.63	89	17.0	44.2	22.7		1.9	6.7	45.5	41.9	0.38
Argilla limosa - Argilla	6.96	1.02	32.52	87	17.0	48.2	23.0		1.9	7.2	46.5	43.0	0.39
Argilla limosa - Argilla	6.98	0.97	34.37	90	17.1	44.3	22.8		1.9	6.8	45.9	42.4	0.38
Argilla limosa - Argilla	7.00	0.78	36.32	100	17.0	32.7	21.8		1.9	5.3	43.4	39.6	0.37
Argilla limosa - Argilla	7.02	0.67	35.78	100	17.0	26.7	21.2		1.8	4.6	41.6	37.6	0.36
Argilla limosa - Argilla	7.04	0.69	33.70	100	16.9	28.4	21.3		1.8	4.7	41.9	38.0	0.36
Argilla limosa - Argilla	7.06	0.88	33.86	94	17.0	39.8	22.4		1.9	6.2	45.0	41.3	0.38
Argilla limosa - Argilla	7.08	0.99	33.75	89	17.0	46.3	22.9		1.9	7.0	46.5	43.0	0.39
Argilla limosa - Argilla	7.10	1.05	34.64	87	17.1	49.0	23.1		1.9	7.4	47.2	43.7	0.39
Argilla limosa - Argilla	7.12	1.03	36.26	89	17.1	47.2	23.0		1.9	7.2	47.1	43.6	0.39
Argilla limosa - Argilla	7.14	1.02	34.05	88	17.1	47.4	23.0		1.9	7.2	46.9	43.4	0.39
Argilla limosa - Argilla	7.16	1.03	33.30	88	17.0	47.9	23.0		1.9	7.2	46.9	43.4	0.39
Argilla limosa - Argilla	7.18	0.96	36.00	91	17.1	43.3	22.7		1.9	6.7	46.3	42.7	0.38
Argilla limosa - Argilla	7.20	0.82	38.33	98	17.1	35.0	22.1		1.9	5.7	44.6	40.8	0.37
Argilla limosa - Argilla	7.22	0.73	39.04	100	17.1	29.8	21.5		1.9	5.0	43.2	39.3	0.36
Argilla limosa - Argilla	7.24	0.71	37.06	100	17.0	29.3	21.5		1.8	4.9	42.9	39.0	0.36
Argilla limosa - Argilla	7.26	0.72	34.47	100	17.0	30.1	21.5		1.8	5.0	42.9	39.0	0.36
Argilla limosa - Argilla	7.28	0.75	32.79	99	16.9	32.4	21.7		1.9	5.2	43.4	39.5	0.37
Argilla limosa - Argilla	7.30	0.77	31.19	97	16.9	33.8	21.8		1.9	5.4	43.6	39.7	0.37
Argilla limosa - Argilla	7.32	0.80	29.69	95	16.8	35.7	22.0		1.9	5.6	43.9	40.1	0.37
Argilla limosa - Argilla	7.34	0.81	27.60	94	16.7	36.4	22.0		1.9	5.6	43.8	40.0	0.37
Argilla limosa - Argilla	7.36	0.80	27.39	94	16.7	36.1	22.0		1.9	5.6	43.7	39.9	0.37
Argilla limosa - Argilla	7.38	0.80	28.44	95	16.8	35.5	21.9		1.9	5.5	43.7	40.0	0.37
Argilla limosa - Argilla	7.40	0.79	30.67	96	16.9	34.8	21.9		1.9	5.5	43.9	40.1	0.37
Argilla limosa - Argilla	7.42	0.79	33.35	97	16.9	34.3	21.9		1.9	5.5	44.2	40.4	0.37
Argilla limosa - Argilla	7.44	0.79	34.85	98	17.0	34.1	21.9		1.9	5.5	44.4	40.5	0.37
Argilla limosa - Argilla	7.46	0.80	35.81	98	17.0	34.5	22.0		1.9	5.6	44.6	40.8	0.37
Argilla limosa - Argilla	7.48	0.81	36.50	98	17.1	34.6	22.0		1.9	5.6	44.8	40.9	0.37
Argilla limosa - Argilla	7.50	0.80	35.99	98	17.0	34.4	21.9		1.9	5.6	44.7	40.8	0.37
Argilla limosa - Argilla	7.52	0.80	35.44	98	17.0	34.2	21.9		1.9	5.5	44.6	40.7	0.37
Argilla limosa - Argilla	7.54	0.78	35.28	99	17.0	33.3	21.8		1.9	5.4	44.4	40.5	0.37
Argilla limosa - Argilla	7.56	0.77	34.85	99	17.0	32.8	21.8		1.8	5.3	44.2	40.3	0.37
Argilla limosa - Argilla	7.58	0.79	34.79	98	17.0	33.6	21.9		1.9	5.4	44.5	40.6	0.37
Argilla limosa - Argilla	7.60	0.83	34.77	96	17.0	36.2	22.1		1.9	5.8	45.2	41.4	0.37
Argilla limosa - Argilla	7.62	0.88	34.04	94	17.0	38.9	22.3		1.9	6.1	45.8	42.0	0.38
Argilla limosa - Argilla	7.64	0.88	34.90	94	17.0	39.0	22.3		1.9	6.1	46.0	42.2	0.38
Argilla limosa - Argilla	7.66	0.87	36.00	95	17.1	38.2	22.3		1.9	6.1	46.0	42.2	0.38
Argilla limosa - Argilla	7.68	0.86	38.61	97	17.1	37.3	22.2		1.9	6.0	46.1	42.2	0.37
Argilla limosa - Argilla	7.70	0.85	40.19	98	17.2	36.5	22.2		1.9	5.9	46.1	42.2	0.37
Argilla limosa - Argilla	7.72	0.85	41.75	98	17.2	36.2	22.2		1.9	5.9	46.2	42.4	0.37
Argilla limosa - Argilla	7.74	0.82	43.29	100	17.3	34.4	22.0		1.9	5.7	45.9	42.0	0.37
Argilla limosa - Argilla	7.76	0.86	44.94	99	17.3	36.3	22.2		1.9	6.0	46.7	42.8	0.37
Argilla limosa - Argilla	7.78	0.87	46.79	99	17.4	37.5	22.3		1.9	6.2	47.2	43.3	0.38
Argilla limosa - Argilla	7.80	0.86	46.72	99	17.4	36.9	22.3		1.9	6.1	47.1	43.2	0.38
Argilla limosa - Argilla	7.82	0.90	42.70	96	17.3	39.5	22.4		1.9	6.4	47.4	43.5	0.38
Argilla limosa - Argilla	7.84	0.93	41.35	94	17.3	41.3	22.6		1.9	6.6	47.7	43.9	0.38
Argilla limosa - Argilla	7.86	0.96	42.18	94	17.3	42.6	22.7		1.9	6.8	48.1	44.4	0.38
Argilla limosa - Argilla	7.88	0.99	44.86	94	17.4	43.6	22.8		1.9	7.0	48.7	45.0	0.38
Argilla limosa - Argilla	7.90	0.97	47.12	95	17.4	42.4	22.7		1.9	6.9	48.7	44.9	0.38
Argilla limosa - Argilla	7.92	0.93	50.29	98	17.5	39.5	22.5		1.9	6.5	48.3	44.5	0.38
Argilla limosa - Argilla	7.94	0.92	52.89	99	17.5	38.7	22.5		1.9	6.5	48.4	44.5	0.38
Argilla limosa - Argilla	7.96	0.93	55.16	100	17.6	39.0	22.5		1.9	6.5	48.7	44.8	0.38

Argilla limosa - Argilla	7.98	0.95	57.16	99	17.6	40.1	22.6	1.9	6.7	49.2	45.3	0.38
Argilla limosa - Argilla	8.00	0.99	58.37	98	17.7	41.9	22.8	1.9	7.0	49.8	45.9	0.38
Argilla limosa - Argilla	8.02	1.02	58.51	97	17.7	43.5	22.9	1.9	7.2	50.2	46.4	0.39
Argilla limosa - Argilla	8.04	1.01	57.46	97	17.7	43.3	22.9	1.9	7.2	50.2	46.3	0.39
Argilla limosa - Argilla	8.06	0.98	57.75	98	17.7	41.6	22.7	1.9	6.9	49.8	45.9	0.38
Argilla limosa - Argilla	8.08	0.93	59.11	100	17.7	38.7	22.5	1.9	6.6	49.2	45.2	0.38
Argilla limosa - Argilla	8.10	0.91	58.37	100	17.6	37.7	22.4	1.9	6.4	48.9	44.9	0.38
Argilla limosa - Argilla	8.12	0.91	56.41	100	17.6	37.6	22.4	1.9	6.4	48.8	44.8	0.38
Argilla limosa - Argilla	8.14	0.93	54.81	99	17.6	38.8	22.5	1.9	6.5	49.0	45.0	0.38
Argilla limosa - Argilla	8.16	0.91	55.05	100	17.6	37.7	22.4	1.9	6.4	48.8	44.8	0.38
Argilla limosa - Argilla	8.18	0.87	53.91	100	17.5	35.7	22.2	1.9	6.1	48.1	44.1	0.37
Argilla limosa - Argilla	8.20	0.83	53.11	100	17.5	33.9	22.0	1.9	5.8	47.6	43.5	0.37
Argilla limosa - Argilla	8.22	0.83	52.27	100	17.5	33.9	22.0	1.9	5.8	47.6	43.5	0.37
Argilla limosa - Argilla	8.24	0.85	52.54	100	17.5	34.7	22.1	1.9	5.9	47.8	43.8	0.37
Argilla limosa - Argilla	8.26	0.85	52.57	100	17.5	34.9	22.1	1.9	5.9	48.0	43.9	0.37
Argilla limosa - Argilla	8.28	0.87	51.24	100	17.5	35.8	22.2	1.9	6.0	48.1	44.1	0.37
Argilla limosa - Argilla	8.30	0.88	49.51	100	17.4	36.8	22.2	1.9	6.2	48.3	44.3	0.38
Argilla limosa - Argilla	8.32	0.93	49.15	98	17.5	39.3	22.4	1.9	6.5	48.9	45.0	0.38
Argilla limosa - Argilla	8.34	0.94	48.91	97	17.5	40.1	22.5	1.9	6.6	49.2	45.2	0.38
Argilla limosa - Argilla	8.36	0.94	50.69	98	17.5	39.6	22.5	1.9	6.5	49.3	45.3	0.38
Argilla limosa - Argilla	8.38	0.93	50.91	98	17.5	39.3	22.5	1.9	6.5	49.2	45.2	0.38
Argilla limosa - Argilla	8.40	0.93	50.93	98	17.5	39.0	22.4	1.9	6.5	49.2	45.2	0.38
Argilla limosa - Argilla	8.42	0.91	51.64	99	17.5	38.1	22.4	1.9	6.4	49.1	45.0	0.38
Argilla limosa - Argilla	8.44	0.96	52.77	98	17.6	40.4	22.6	1.9	6.7	49.8	45.8	0.38
Argilla limosa - Argilla	8.46	0.99	51.31	96	17.5	42.2	22.7	1.9	6.9	50.2	46.2	0.38
Argilla limosa - Argilla	8.48	1.00	49.84	95	17.5	43.2	22.7	2.1	7.6	63.3	58.3	0.38
Argilla limosa - Argilla	8.50	1.00	49.12	95	17.5	43.0	22.7	2.1	7.5	63.2	58.2	0.38
Argilla limosa - Argilla	8.52	1.00	50.56	95	17.5	42.7	22.7	2.1	7.5	63.4	58.3	0.38
Argilla limosa - Argilla	8.54	0.99	52.71	96	17.6	42.2	22.7	2.1	7.5	63.5	58.4	0.38
Argilla limosa - Argilla	8.56	0.99	53.75	97	17.6	41.8	22.7	2.1	7.4	63.5	58.4	0.38
Argilla limosa - Argilla	8.58	0.99	53.39	96	17.6	42.1	22.7	2.1	7.5	63.6	58.5	0.38
Argilla limosa - Argilla	8.60	1.00	53.75	96	17.6	42.3	22.7	2.1	7.5	63.7	58.7	0.38
Argilla limosa - Argilla	8.62	1.01	54.52	96	17.6	43.0	22.8	2.1	7.6	64.1	59.1	0.38
Argilla limosa - Argilla	8.64	1.00	54.97	97	17.6	42.4	22.7	2.1	7.5	64.0	58.9	0.38
Argilla limosa - Argilla	8.66	0.98	55.59	98	17.6	41.2	22.6	2.1	7.4	63.7	58.6	0.38
Argilla limosa - Argilla	8.68	0.96	55.55	98	17.6	39.8	22.5	2.1	7.2	63.3	58.2	0.38
Argilla limosa - Argilla	8.70	0.93	57.24	100	17.6	38.3	22.4	2.1	7.0	63.0	57.8	0.38
Argilla limosa - Argilla	8.72	0.91	59.38	100	17.7	38.8	22.3	2.1	6.8	62.7	57.5	0.37
Argilla limosa - Argilla	8.74	0.89	60.24	100	17.7	35.6	22.2	2.1	6.6	62.4	57.1	0.37
Argilla limosa - Argilla	8.76	0.88	58.13	100	17.6	35.5	22.2	2.1	6.6	62.2	56.9	0.37
Argilla limosa - Argilla	8.78	0.87	55.86	100	17.6	34.9	22.1	2.0	6.5	61.8	56.5	0.37
Argilla limosa - Argilla	8.80	0.85	53.12	100	17.5	34.3	22.0	2.0	6.3	61.4	56.0	0.37
Argilla limosa - Argilla	8.82	0.82	50.99	100	17.5	32.7	21.8	2.0	6.1	60.5	55.2	0.37
Argilla limosa - Argilla	8.84	0.79	49.41	100	17.4	31.5	21.7	2.0	5.9	60.0	54.5	0.36
Argilla limosa - Argilla	8.86	0.79	46.02	100	17.3	31.8	21.7	2.0	5.9	59.7	54.3	0.36
Argilla limosa - Argilla	8.88	0.78	42.22	100	17.2	31.6	21.6	2.0	5.8	59.2	53.8	0.36
Argilla limosa - Argilla	8.90	0.74	42.09	100	17.2	29.4	21.4	2.0	5.5	58.4	52.9	0.36
Argilla limosa - Argilla	8.92	0.72	42.49	100	17.2	28.0	21.3	2.0	5.3	57.9	52.4	0.36
Argilla limosa - Argilla	8.94	0.73	41.00	100	17.2	28.7	21.3	2.0	5.3	58.0	52.5	0.36
Argilla limosa - Argilla	8.96	0.74	40.22	100	17.1	29.3	21.4	2.0	5.4	58.2	52.7	0.36
Argilla limosa - Argilla	8.98	0.74	40.35	100	17.1	29.5	21.4	2.0	5.4	58.3	52.9	0.36
Argilla limosa - Argilla	9.00	0.73	39.71	100	17.1	29.0	21.4	2.0	5.4	58.1	52.6	0.36
Argilla limosa - Argilla	9.02	0.73	37.22	100	17.0	29.0	21.3	2.0	5.3	57.7	52.3	0.36
Argilla limosa - Argilla	9.04	0.72	35.03	100	17.0	29.0	21.3	2.0	5.3	57.4	52.0	0.36
Argilla limosa - Argilla	9.06	0.72	34.50	100	17.0	29.0	21.3	2.0	5.3	57.4	52.0	0.36
Argilla limosa - Argilla	9.08	0.74	34.83	100	17.0	29.8	21.4	2.0	5.4	57.8	52.4	0.36
Argilla limosa - Argilla	9.10	0.71	35.40	100	17.0	28.3	21.2	2.0	5.2	57.3	51.9	0.36
Argilla limosa - Argilla	9.12	0.71	34.05	100	16.9	28.2	21.2	1.9	5.1	57.1	51.6	0.36
Argilla limosa - Argilla	9.14	0.72	34.00	100	16.9	29.0	21.3	2.0	5.2	57.4	52.0	0.36
Argilla limosa - Argilla	9.16	0.74	33.72	100	16.9	29.9	21.4	2.0	5.4	57.8	52.3	0.36
Argilla limosa - Argilla	9.18	0.75	32.53	99	16.9	30.8	21.4	2.0	5.5	57.9	52.6	0.36
Argilla limosa - Argilla	9.20	0.76	32.11	98	16.9	31.4	21.5	2.0	5.5	58.1	52.8	0.36
Argilla limosa - Argilla	9.22	0.78	31.69	97	16.9	32.6	21.6	2.0	5.7	58.5	53.2	0.36
Argilla limosa - Argilla	9.24	0.80	31.32	96	16.9	33.5	21.7	2.0	5.8	58.8	53.5	0.36
Argilla limosa - Argilla	9.26	0.80	31.93	96	16.9	33.6	21.7	2.0	5.8	59.0	53.7	0.36
Argilla limosa - Argilla	9.28	0.81	32.70	96	16.9	33.8	21.7	2.0	5.9	59.2	53.9	0.37
Argilla limosa - Argilla	9.30	0.80	34.36	97	17.0	32.9	21.7	2.0	5.8	59.2	53.9	0.36
Argilla limosa - Argilla	9.32	0.81	35.23	97	17.0	33.4	21.7	2.0	5.9	59.6	54.2	0.36
Argilla limosa - Argilla	9.34	0.81	36.51	98	17.1	33.4	21.7	2.0	5.9	59.8	54.5	0.37
Argilla limosa - Argilla	9.36	0.81	38.16	99	17.1	32.9	21.7	2.0	5.9	59.9	54.5	0.36
Argilla limosa - Argilla	9.38	0.79	40.16	100	17.2	31.6	21.6	2.0	5.7	59.8	54.3	0.36
Argilla limosa - Argilla	9.40	0.77	43.08	100	17.2	30.4	21.5	2.0	5.6	59.8	54.2	0.36
Argilla limosa - Argilla	9.42	0.78	44.28	100	17.3	30.8	21.6	2.0	5.7	60.1	54.6	0.36
Argilla limosa - Argilla	9.44	0.78	44.90	100	17.3	30.7	21.6	2.0	5.7	60.2	54.7	0.36
Argilla limosa - Argilla	9.46	0.77	46.82	100	17.3	30.0	21.5	2.0	5.6	60.2	54.6	0.36
Argilla limosa - Argilla	9.48	0.76	48.87	100	17.4	29.0	21.4	2.0	5.5	60.1	54.5	0.36
Argilla limosa - Argilla	9.50	0.76	49.89	100	17.4	29.2	21.4	2.0	5.6	60.3	54.7	0.36
Argilla limosa - Argilla	9.52	0.78	48.95	100	17.4	30.3	21.5	2.0	5.7	60.7	55.1	0.36
Argilla limosa - Argilla	9.54	0.78	48.43	100	17.4	30.1	21.5	2.0	5.7	60.6	55.0	0.36
Argilla limosa - Argilla	9.56	0.80	47.17	100	17.4	31.3	21.6	2.0	5.8	60.9	55.4	0.36
Argilla limosa - Argilla	9.58	0.82	45.51	100	17.3	32.6	21.7	2.0	6.0	61.2	55.7	0.37
Argilla limosa - Argilla	9.60	0.84	43.43	99	17.3	33.9	21.8	2.0	6.1	61.5	56.0	0.37

Argilla limosa - Argilla	9.62	0.83	42.15	99	17.2	33.7	21.8		2.0	6.1	61.3	55.8	0.37
Argilla limosa - Argilla	9.64	0.85	42.22	98	17.3	34.8	21.9		2.0	6.2	61.7	56.2	0.37
Argilla limosa - Argilla	9.66	0.87	44.09	98	17.3	35.4	22.0		2.0	6.3	62.2	56.8	0.37
Argilla limosa - Argilla	9.68	0.86	46.29	99	17.4	35.1	22.0		2.0	6.3	62.4	57.0	0.37
Argilla limosa - Argilla	9.70	0.90	48.58	99	17.4	36.8	22.1		2.0	6.6	63.3	57.9	0.37
Argilla limosa - Argilla	9.72	1.00	49.09	95	17.5	42.5	22.6		2.0	7.4	65.3	60.1	0.38
Argilla limosa - Argilla	9.74	1.09	50.13	92	17.5	47.1	22.9		2.0	8.1	66.9	61.8	0.38
Argilla limosa - Argilla	9.76	1.18	51.18	89	17.6	52.0	23.2		2.1	8.8	68.5	63.5	0.39
Argilla limosa - Argilla	9.78	1.31	51.20	85	17.6	59.7	23.7		2.1	9.8	70.5	65.7	0.40
Limo argilloso - Argilla limosa	9.80	1.48	50.38	80	17.7	53.1	24.1		2.1	13.7	72.8	68.2	0.41
Limo argilloso - Argilla limosa	9.82	1.57	50.78	78	17.7	57.0	24.3		2.1	14.6	74.1	69.6	0.41
Limo argilloso - Argilla limosa	9.84	1.61	53.50	78	17.8	58.5	24.4		2.2	15.0	74.9	70.5	0.41
Limo argilloso - Argilla limosa	9.86	1.66	55.71	77	17.8	60.2	24.4		2.2	15.5	75.7	71.4	0.41
Limo argilloso - Argilla limosa	9.88	1.80	64.96	77	18.0	65.1	24.7		2.2	16.9	78.2	74.0	0.42
Limo argilloso - Argilla limosa	9.90	1.90	73.58	77	18.2	68.6	24.9		2.2	18.0	80.1	76.0	0.42
Limo argilloso - Argilla limosa	9.92	1.95	84.94	79	18.4	69.6	25.0		2.2	18.6	81.4	77.4	0.43
Limo argilloso - Argilla limosa	9.94	1.99	93.54	79	18.5	70.5	25.1		2.2	19.0	82.4	78.4	0.43
Limo argilloso - Argilla limosa	9.96	2.03	103.99	81	18.6	71.1	25.1		2.3	19.4	83.4	79.4	0.43
Limo argilloso - Argilla limosa	9.98	2.02	112.57	82	18.7	70.0	25.1		2.3	19.3	83.7	79.7	0.43
Argilla limosa - Argilla	10.00	1.98	119.66	84	18.8	87.1	25.0		2.3	15.3	83.6	79.5	0.43
Argilla limosa - Argilla	10.02	1.99	126.22	85	18.8	86.9	25.0		2.3	15.4	84.1	79.9	0.43
Argilla limosa - Argilla	10.04	1.97	131.63	86	18.9	85.3	25.0		2.3	15.3	84.1	79.9	0.42
Argilla limosa - Argilla	10.06	1.95	135.16	87	18.9	83.9	25.0		2.2	15.1	84.0	79.8	0.42
Argilla limosa - Argilla	10.08	1.88	141.09	89	18.9	79.6	24.8		2.2	14.5	83.4	79.1	0.42
Argilla limosa - Argilla	10.10	1.83	144.05	91	18.9	76.9	24.7		2.2	14.1	83.0	78.6	0.42
Argilla limosa - Argilla	10.12	1.80	145.37	92	18.9	75.3	24.7		2.2	13.9	82.7	78.2	0.42
Argilla limosa - Argilla	10.14	1.80	144.94	92	18.9	75.4	24.7		2.2	13.9	82.8	78.3	0.42
Argilla limosa - Argilla	10.16	1.80	145.04	92	18.9	75.2	24.7		2.2	13.9	82.8	78.3	0.42
Argilla limosa - Argilla	10.18	1.88	136.54	89	18.9	80.0	24.8		2.2	14.5	83.5	79.1	0.42
Argilla limosa - Argilla	10.20	2.03	129.30	85	18.9	88.8	25.1		2.2	15.7	85.1	81.0	0.43
Limo argilloso - Argilla limosa	10.22	2.01	123.36	81	18.8	76.9	25.4		2.3	21.2	86.9	83.0	0.43
Limo argilloso - Argilla limosa	10.24	2.31	122.96	79	18.9	80.9	25.5		2.3	22.2	87.9	84.2	0.44
Limo argilloso - Argilla limosa	10.26	2.34	125.05	79	18.9	82.1	25.6		2.3	22.5	88.4	84.7	0.44
Limo argilloso - Argilla limosa	10.28	2.34	131.33	80	18.9	81.3	25.6		2.3	22.4	88.6	84.9	0.44
Limo argilloso - Argilla limosa	10.30	2.20	142.63	84	19.0	74.8	25.3		2.3	21.0	87.6	83.6	0.43
Argilla limosa - Argilla	10.32	2.07	157.26	88	19.1	86.7	25.1		2.3	15.8	86.5	82.3	0.43
Argilla limosa - Argilla	10.34	1.99	171.09	91	19.2	81.8	25.0		2.2	15.2	86.1	81.7	0.42
Argilla limosa - Argilla	10.36	1.94	180.57	93	19.2	79.0	24.9		2.2	14.9	85.9	81.5	0.42
Argilla limosa - Argilla	10.38	1.91	185.34	94	19.2	77.1	24.8		2.2	14.6	85.7	81.2	0.42
Argilla limosa - Argilla	10.40	1.90	188.18	95	19.3	76.5	24.8		2.2	14.5	85.7	81.2	0.42
Argilla limosa - Argilla	10.42	1.90	182.65	94	19.2	76.9	24.8		2.2	14.5	85.6	81.1	0.42
Argilla limosa - Argilla	10.44	1.90	179.70	94	19.2	76.8	24.8		2.2	14.5	85.5	81.0	0.42
Argilla limosa - Argilla	10.46	1.87	174.44	94	19.2	75.9	24.7		2.2	14.3	85.1	80.6	0.42
Argilla limosa - Argilla	10.48	1.82	168.64	94	19.1	73.6	24.6		2.2	13.8	84.4	79.7	0.42
Argilla limosa - Argilla	10.50	1.79	160.95	94	19.1	73.0	24.6		2.2	13.6	83.9	79.2	0.42
Argilla limosa - Argilla	10.52	1.86	150.60	91	19.0	77.2	24.7		2.2	14.2	84.5	79.9	0.42
Argilla limosa - Argilla	10.54	1.99	143.83	88	19.0	84.9	25.0		2.2	15.3	86.0	81.6	0.42
Argilla limosa - Argilla	10.56	2.10	136.27	84	18.9	91.6	25.2		2.2	16.2	87.1	82.9	0.43
Limo argilloso - Argilla limosa	10.58	2.14	129.38	83	18.9	73.5	25.2		2.2	20.3	87.3	83.2	0.43
Limo argilloso - Argilla limosa	10.60	2.14	126.07	82	18.9	73.5	25.2		2.2	20.3	87.1	83.0	0.43
Limo argilloso - Argilla limosa	10.62	2.08	125.77	83	18.8	71.0	25.1		2.2	19.6	86.4	82.3	0.43
Argilla limosa - Argilla	10.64	1.99	129.03	86	18.8	85.6	24.9		2.2	15.1	85.5	81.2	0.42
Argilla limosa - Argilla	10.66	1.91	135.60	88	18.9	81.0	24.8		2.2	14.5	84.9	80.4	0.42
Argilla limosa - Argilla	10.68	1.91	138.84	89	18.9	80.5	24.8		2.2	14.5	85.0	80.5	0.42
Argilla limosa - Argilla	10.70	1.90	144.32	89	19.0	79.8	24.8		2.2	14.5	85.2	80.7	0.42
Argilla limosa - Argilla	10.72	1.87	145.90	90	19.0	77.8	24.7		2.2	14.2	84.9	80.3	0.42
Argilla limosa - Argilla	10.74	1.84	143.84	91	18.9	76.4	24.7		2.2	13.9	84.5	79.9	0.42
Argilla limosa - Argilla	10.76	1.87	137.53	89	18.9	78.4	24.7		2.2	14.1	84.7	80.1	0.42
Argilla limosa - Argilla	10.78	1.82	134.78	90	18.9	76.0	24.6		2.2	13.7	84.0	79.3	0.42
Argilla limosa - Argilla	10.80	1.74	133.98	91	18.8	72.0	24.5		2.2	13.1	83.0	78.2	0.41
Argilla limosa - Argilla	10.82	1.70	126.54	91	18.8	70.4	24.4		2.1	12.7	82.2	77.4	0.41
Argilla limosa - Argilla	10.84	1.66	126.55	92	18.8	68.5	24.3		2.1	12.5	81.8	76.9	0.41
Argilla limosa - Argilla	10.86	1.69	125.98	91	18.8	70.1	24.4		2.1	12.7	82.2	77.3	0.41
Argilla limosa - Argilla	10.88	1.75	125.58	90	18.8	73.3	24.5		2.2	13.2	83.0	78.3	0.41
Argilla limosa - Argilla	10.90	1.77	123.85	89	18.8	74.5	24.5		2.2	13.3	83.2	78.5	0.42
Argilla limosa - Argilla	10.92	1.83	122.45	88	18.8	77.5	24.6		2.2	13.8	83.9	79.3	0.42
Argilla limosa - Argilla	10.94	1.85	119.87	87	18.7	79.1	24.7		2.2	13.9	84.2	79.6	0.42
Argilla limosa - Argilla	10.96	1.85	114.54	86	18.7	79.3	24.6		2.2	13.9	83.9	79.3	0.42
Argilla limosa - Argilla	10.98	1.78	111.07	87	18.6	76.1	24.5		2.1	13.3	83.0	78.3	0.42
Argilla limosa - Argilla	11.00	1.72	109.54	88	18.6	72.7	24.4		2.1	12.8	82.1	77.3	0.41
Argilla limosa - Argilla	11.02	1.68	109.98	89	18.6	70.8	24.3		2.1	12.5	81.7	76.9	0.41
Argilla limosa - Argilla	11.04	1.65	112.61	90	18.6	69.0	24.3		2.1	12.3	81.4	76.6	0.41
Argilla limosa - Argilla	11.06	1.64	113.44	91	18.6	68.3	24.2		2.1	12.2	81.4	76.5	0.41
Argilla limosa - Argilla	11.08	1.64	113.34	91	18.6	68.4	24.2		2.1	12.2	81.4	76.5	0.41
Argilla limosa - Argilla	11.10	1.66	109.97	90	18.6	69.7	24.3		2.1	12.4	81.6	76.7	0.41
Argilla limosa - Argilla	11.12	1.64	108.10	90	18.6	68.8	24.2		2.1	12.2	81.3	76.4	0.41
Argilla limosa - Argilla	11.14	1.65	101.48	88	18.5	69.9	24.2		2.1	12.2	81.1	76.2	0.41
Argilla limosa - Argilla	11.16	1.67	96.72	87	18.5	71.4	24.3		2.1	12.4	81.2	76.3	0.41
Argilla limosa - Argilla	11.18	1.58	99.87	90	18.5	66.3	24.1		2.1	11.7	80.2	75.2	0.41
Argilla limosa - Argilla	11.20	1.45	99.96	93	18.4	59.5	23.8		2.1	10.7	78.4	73.2	0.40
Argilla limosa - Argilla	11.22	1.35	93.60	95	18.3	54.5	23.5		2.0	9.8	76.5	71.2	0.40
Argilla limosa - Argilla	11.24	1.27	91.70	96	18.3	50.6	23.3		2.0	9.2	75.2	69.8	0.39

Argilla limosa - Argilla	11.26	1.21	91.72	99	18.3	47.3	23.1		2.0	8.7	74.2	68.6	0.39
Argilla limosa - Argilla	11.28	1.16	88.47	99	18.2	45.2	22.9		2.0	8.4	73.3	67.7	0.38
Argilla limosa - Argilla	11.30	1.14	82.96	99	18.1	44.3	22.8		2.0	8.2	72.6	67.0	0.38
Argilla limosa - Argilla	11.32	1.13	73.71	97	18.0	44.5	22.8		2.0	8.1	71.9	66.3	0.38
Argilla limosa - Argilla	11.34	1.13	69.14	96	17.9	45.1	22.8		2.0	8.1	71.8	66.2	0.38
Argilla limosa - Argilla	11.36	1.20	63.74	92	17.8	49.4	23.0		2.0	8.6	72.6	67.1	0.39
Argilla limosa - Argilla	11.38	1.28	58.12	88	17.8	54.2	23.3		2.0	9.2	73.4	68.1	0.39
Argilla limosa - Argilla	11.40	1.28	53.79	87	17.7	54.9	23.3		2.0	9.1	73.1	67.8	0.39
Argilla limosa - Argilla	11.42	1.29	50.70	86	17.6	56.0	23.3		2.0	9.2	73.0	67.7	0.39
Argilla limosa - Argilla	11.44	1.27	50.80	86	17.6	54.9	23.2		2.0	9.1	72.8	67.5	0.39
Argilla limosa - Argilla	11.46	1.26	50.50	86	17.6	54.4	23.2		2.0	9.0	72.6	67.3	0.39
Argilla limosa - Argilla	11.48	1.26	49.14	86	17.6	54.9	23.2		2.0	9.0	72.6	67.3	0.39
Argilla limosa - Argilla	11.50	1.26	49.17	86	17.6	54.6	23.2		2.0	9.0	72.5	67.2	0.39
Argilla limosa - Argilla	11.52	1.21	50.99	88	17.6	51.4	23.0		2.0	8.6	71.9	66.5	0.39
Argilla limosa - Argilla	11.54	1.13	50.72	91	17.6	47.2	22.8		1.9	8.0	70.7	65.2	0.38
Argilla limosa - Argilla	11.56	1.07	49.97	92	17.5	43.8	22.5		1.9	7.6	69.6	64.0	0.38
Argilla limosa - Argilla	11.58	1.03	51.10	94	17.5	41.2	22.3		1.9	7.2	68.9	63.2	0.38
Argilla limosa - Argilla	11.60	0.97	52.96	97	17.6	38.0	22.1		1.9	6.8	68.1	62.3	0.37
Argilla limosa - Argilla	11.62	0.93	51.06	98	17.5	36.0	21.9		1.9	6.5	67.2	61.3	0.37
Argilla limosa - Argilla	11.64	0.94	47.97	97	17.4	36.7	22.0		1.9	6.6	67.1	61.2	0.37
Argilla limosa - Argilla	11.66	0.98	44.58	94	17.4	39.4	22.1		1.9	6.9	67.6	61.9	0.37
Argilla limosa - Argilla	11.68	1.05	41.13	90	17.3	44.5	22.5		1.9	7.5	68.7	63.1	0.38
Limo argilloso - Argilla limosa	11.70	1.23	35.51	81	17.2	43.0	23.1		1.9	10.9	71.1	65.9	0.39
Limo argilloso - Argilla limosa	11.72	1.46	32.01	73	17.1	54.4	23.8		2.0	13.0	74.1	69.2	0.40
Limo argilloso - Argilla limosa	11.74	1.64	30.99	68	17.1	63.0	24.2		2.0	14.7	76.3	71.7	0.41
Limo argilloso - Argilla limosa	11.76	1.76	33.38	67	17.3	67.9	24.4		2.0	15.8	78.2	73.7	0.41
Limo argilloso - Argilla limosa	11.78	1.74	41.95	71	17.5	65.0	24.4		2.0	15.7	79.1	74.5	0.41
Limo argilloso - Argilla limosa	11.80	1.68	53.37	76	17.8	60.4	24.3		2.0	15.2	79.6	74.9	0.41
Limo argilloso - Argilla limosa	11.82	1.65	62.14	80	17.9	57.7	24.2		2.0	14.9	80.0	75.1	0.41
Limo argilloso - Argilla limosa	11.84	1.62	71.74	83	18.1	55.6	24.1		2.0	14.7	80.4	75.5	0.41
Limo argilloso - Argilla limosa	11.86	1.62	76.28	84	18.2	55.0	24.1		2.0	14.6	80.7	75.7	0.41
Argilla limosa - Argilla	11.88	1.67	86.80	85	18.3	72.9	24.2		2.1	12.3	82.2	77.2	0.41
Limo argilloso - Argilla limosa	11.90	1.74	89.50	84	18.4	59.1	24.4		2.1	15.8	83.2	78.4	0.41
Argilla limosa - Argilla	11.92	1.73	90.68	84	18.4	75.7	24.4		2.1	12.8	83.2	78.4	0.41
Argilla limosa - Argilla	11.94	1.65	92.33	86	18.4	71.0	24.2		2.1	12.2	82.3	77.3	0.41
Argilla limosa - Argilla	11.96	1.57	91.42	88	18.4	66.5	24.0		2.0	11.5	81.1	76.0	0.41
Argilla limosa - Argilla	11.98	1.48	89.44	90	18.3	61.8	23.8		2.0	10.8	79.7	74.5	0.40
Argilla limosa - Argilla	12.00	1.39	90.97	93	18.3	57.1	23.6		2.0	10.1	78.6	73.2	0.40
Argilla limosa - Argilla	12.02	1.33	93.19	95	18.3	53.4	23.4		2.0	9.6	77.7	72.2	0.39
Argilla limosa - Argilla	12.04	1.25	92.34	97	18.3	49.3	23.1		2.0	9.0	76.4	70.8	0.39
Argilla limosa - Argilla	12.06	1.15	88.76	100	18.2	44.4	22.8		2.0	8.3	74.6	68.7	0.38
Argilla limosa - Argilla	12.08	1.07	86.88	100	18.2	40.6	22.5		1.9	7.7	73.1	67.2	0.38
Argilla limosa - Argilla	12.10	0.98	87.79	100	18.1	35.7	22.1		1.9	7.0	71.4	65.3	0.37
Argilla limosa - Argilla	12.12	0.92	84.27	100	18.1	33.1	21.9		1.9	6.5	70.2	64.0	0.37
Argilla limosa - Argilla	12.14	0.89	76.91	100	18.0	31.8	21.7		1.9	6.3	69.1	62.9	0.37
Argilla limosa - Argilla	12.16	0.86	67.94	100	17.8	31.1	21.6		1.9	6.1	68.0	61.8	0.36
Argilla limosa - Argilla	12.18	0.83	58.16	100	17.6	29.9	21.4		1.8	5.8	66.6	60.4	0.36
Argilla limosa - Argilla	12.20	0.79	49.94	100	17.4	28.7	21.2		1.8	5.5	65.3	59.1	0.36
Argilla limosa - Argilla	12.22	0.76	43.77	100	17.3	27.6	21.1		1.8	5.3	64.1	57.9	0.35
Argilla limosa - Argilla	12.24	0.75	37.31	100	17.1	27.7	21.0		1.8	5.2	63.2	57.0	0.35
Argilla limosa - Argilla	12.26	0.76	28.46	96	16.8	29.1	21.0		1.8	5.2	62.2	56.1	0.35
Argilla limosa - Argilla	12.28	0.78	24.24	93	16.6	31.0	21.1		1.8	5.3	61.9	56.0	0.36
Argilla limosa - Argilla	12.30	0.81	23.28	91	16.6	33.0	21.3		1.8	5.5	62.4	56.6	0.36
Argilla limosa - Argilla	12.32	0.84	23.75	90	16.6	34.7	21.5		1.8	5.8	63.1	57.3	0.36
Argilla limosa - Argilla	12.34	0.87	23.67	88	16.6	36.5	21.6		1.8	6.0	63.7	58.0	0.36
Argilla limosa - Argilla	12.36	0.87	23.59	88	16.6	36.5	21.6		1.8	6.0	63.8	58.0	0.36
Argilla limosa - Argilla	12.38	0.87	24.61	89	16.6	36.5	21.6		1.8	6.0	64.1	58.3	0.36
Argilla limosa - Argilla	12.40	0.87	25.73	90	16.7	36.0	21.6		1.8	6.0	64.2	58.4	0.36
Argilla limosa - Argilla	12.42	0.87	25.76	89	16.7	36.3	21.6		1.8	6.0	64.4	58.5	0.36
Argilla limosa - Argilla	12.44	0.88	26.14	89	16.7	36.7	21.7		1.8	6.1	64.6	58.8	0.36
Argilla limosa - Argilla	12.46	0.88	26.24	89	16.7	36.9	21.7		1.8	6.1	64.7	58.9	0.37
Argilla limosa - Argilla	12.48	0.88	26.97	90	16.8	36.4	21.6		1.8	6.1	64.8	58.9	0.36
Argilla limosa - Argilla	12.50	0.92	28.07	89	16.8	38.8	21.8		1.8	6.4	65.8	60.0	0.37
Argilla limosa - Argilla	12.52	0.96	29.43	88	16.9	40.7	22.0		1.8	6.7	66.8	61.0	0.37
Argilla limosa - Argilla	12.54	0.99	29.02	86	16.9	42.9	22.1		1.8	6.9	67.4	61.7	0.37
Argilla limosa - Argilla	12.56	1.03	30.15	85	16.9	45.0	22.3		1.8	7.2	68.3	62.6	0.38
Argilla limosa - Argilla	12.58	1.00	34.33	89	17.1	42.2	22.2		1.8	7.0	68.3	62.6	0.37
Argilla limosa - Argilla	12.60	0.98	35.80	90	17.1	40.7	22.1		1.8	6.9	68.2	62.4	0.37
Argilla limosa - Argilla	12.62	1.06	37.77	88	17.2	44.7	22.4		1.9	7.4	69.8	64.1	0.38
Argilla limosa - Argilla	12.64	1.09	39.82	88	17.3	46.5	22.5		1.9	7.7	70.7	65.0	0.38
Argilla limosa - Argilla	12.66	1.09	39.49	88	17.3	46.5	22.5		1.9	7.7	70.7	65.0	0.38
Argilla limosa - Argilla	12.68	1.14	42.57	87	17.4	48.8	22.7		1.9	8.0	71.9	66.3	0.38
Argilla limosa - Argilla	12.70	1.13	48.45	90	17.5	47.2	22.7		1.9	8.0	72.4	66.7	0.38
Argilla limosa - Argilla	12.72	1.08	48.69	91	17.5	44.4	22.5		1.9	7.6	71.6	65.8	0.38
Argilla limosa - Argilla	12.74	1.05	48.32	92	17.5	42.4	22.3		1.9	7.4	70.9	65.1	0.38
Argilla limosa - Argilla	12.76	1.02	51.63	94	17.6	40.6	22.2		1.9	7.2	70.8	64.9	0.37
Argilla limosa - Argilla	12.78	1.05	50.58	93	17.5	42.2	22.3		1.9	7.4	71.2	65.3	0.38
Argilla limosa - Argilla	12.80	1.08	49.27	92	17.5	44.0	22.4		1.9	7.6	71.7	65.8	0.38
Argilla limosa - Argilla	12.82	1.07	45.81	91	17.4	43.9	22.4		1.9	7.5	71.2	65.4	0.38
Argilla limosa - Argilla	12.84	1.08	44.64	90	17.4	44.9	22.5		1.9	7.6	71.4	65.6	0.38
Argilla limosa - Argilla	12.86	1.09	42.74	89	17.4	45.7	22.5		1.9	7.7	71.4	65.6	0.38
Argilla limosa - Argilla	12.88	1.10	40.62	88	17.3	46.6	22.5		1.9	7.7	71.3	65.6	0.38

Argilla limosa - Argilla	12.90	1.11	44.54	89	17.4	46.8	22.6		1.9	7.8	72.0	66.3	0.38
Argilla limosa - Argilla	12.92	1.16	47.59	88	17.5	49.2	22.8		1.9	8.2	73.3	67.6	0.38
Argilla limosa - Argilla	12.94	1.23	47.30	86	17.5	53.3	23.0		1.9	8.7	74.4	68.8	0.39
Argilla limosa - Argilla	12.96	1.27	47.01	85	17.5	55.6	23.1		1.9	9.0	75.0	69.5	0.39
Limo argilloso - Argilla limosa	12.98	1.32	47.84	84	17.6	44.5	23.3		1.9	11.5	75.9	70.4	0.39
Limo argilloso - Argilla limosa	13.00	1.40	49.60	82	17.6	48.0	23.5		1.9	12.3	77.4	72.0	0.40
Limo argilloso - Argilla limosa	13.02	1.46	50.67	81	17.7	50.3	23.7		1.9	12.8	78.3	73.0	0.40
Limo argilloso - Argilla limosa	13.04	1.46	51.36	81	17.7	50.4	23.7		1.9	12.9	78.5	73.2	0.40
Limo argilloso - Argilla limosa	13.06	1.47	54.46	82	17.7	50.2	23.7		1.9	12.9	78.9	73.6	0.40
Argilla limosa - Argilla	13.08	1.43	60.75	84	17.9	62.3	23.6		1.9	10.2	78.9	73.5	0.40
Argilla limosa - Argilla	13.10	1.38	68.05	88	18.0	58.1	23.4		1.9	9.8	78.7	73.2	0.39
Argilla limosa - Argilla	13.12	1.34	73.68	90	18.1	55.3	23.3		1.9	9.6	78.5	72.9	0.39
Argilla limosa - Argilla	13.14	1.33	75.95	91	18.1	54.5	23.3		1.9	9.5	78.5	72.9	0.39
Argilla limosa - Argilla	13.16	1.33	78.12	92	18.1	54.5	23.3		1.9	9.5	78.8	73.1	0.39
Argilla limosa - Argilla	13.18	1.33	79.45	92	18.1	54.3	23.3		1.9	9.5	78.9	73.2	0.39
Argilla limosa - Argilla	13.20	1.33	80.40	92	18.2	54.0	23.3		1.9	9.5	78.9	73.2	0.39
Argilla limosa - Argilla	13.22	1.30	79.39	93	18.1	52.4	23.2		1.9	9.3	78.4	72.7	0.39
Argilla limosa - Argilla	13.24	1.28	77.15	93	18.1	51.5	23.1		1.9	9.1	78.0	72.2	0.39
Argilla limosa - Argilla	13.26	1.26	75.18	93	18.1	50.9	23.1		1.9	9.0	77.6	71.8	0.39
Argilla limosa - Argilla	13.28	1.27	72.66	92	18.0	51.7	23.1		1.9	9.0	77.7	71.9	0.39
Argilla limosa - Argilla	13.30	1.26	71.30	92	18.0	51.3	23.1		1.9	9.0	77.4	71.6	0.39
Argilla limosa - Argilla	13.32	1.25	68.92	92	18.0	50.7	23.0		1.9	8.8	77.0	71.2	0.39
Argilla limosa - Argilla	13.34	1.26	67.35	91	17.9	51.6	23.0		1.9	8.9	77.2	71.4	0.39
Argilla limosa - Argilla	13.36	1.25	66.15	91	17.9	51.2	23.0		1.9	8.9	77.0	71.2	0.39
Argilla limosa - Argilla	13.38	1.25	64.62	91	17.9	51.1	23.0		1.9	8.8	76.8	71.0	0.39
Argilla limosa - Argilla	13.40	1.24	63.81	91	17.9	50.9	23.0		1.9	8.8	76.7	70.9	0.39
Argilla limosa - Argilla	13.42	1.27	63.69	90	17.9	52.3	23.1		1.9	9.0	77.1	71.4	0.39
Argilla limosa - Argilla	13.44	1.28	64.22	90	17.9	52.7	23.1		1.9	9.0	77.4	71.6	0.39
Argilla limosa - Argilla	13.46	1.28	64.95	90	17.9	52.9	23.1		1.9	9.1	77.5	71.8	0.39
Argilla limosa - Argilla	13.48	1.27	63.98	90	17.9	52.5	23.1		1.9	9.0	77.3	71.6	0.39
Argilla limosa - Argilla	13.50	1.26	62.46	90	17.9	51.8	23.0		1.9	8.9	77.0	71.2	0.39
Argilla limosa - Argilla	13.52	1.24	62.43	90	17.8	50.7	22.9		1.9	8.7	76.7	70.9	0.39
Argilla limosa - Argilla	13.54	1.23	61.49	90	17.8	50.2	22.9		1.9	8.6	76.5	70.6	0.39
Argilla limosa - Argilla	13.56	1.23	59.80	90	17.8	50.4	22.9		1.9	8.6	76.4	70.5	0.39
Argilla limosa - Argilla	13.58	1.22	58.72	90	17.8	50.0	22.9		1.9	8.6	76.1	70.3	0.38
Argilla limosa - Argilla	13.60	1.22	58.07	90	17.8	50.0	22.9		1.9	8.5	76.1	70.3	0.38
Argilla limosa - Argilla	13.62	1.25	56.52	88	17.7	52.2	23.0		1.9	8.8	76.6	70.8	0.39
Argilla limosa - Argilla	13.64	1.30	54.79	86	17.7	55.2	23.1		1.9	9.2	77.3	71.6	0.39
Argilla limosa - Argilla	13.66	1.32	52.85	85	17.7	56.7	23.2		1.9	9.3	77.5	71.8	0.39
Argilla limosa - Argilla	13.68	1.31	53.09	86	17.7	55.7	23.2		1.9	9.2	77.3	71.6	0.39
Argilla limosa - Argilla	13.70	1.31	54.63	86	17.7	55.5	23.2		1.9	9.2	77.4	71.7	0.39
Argilla limosa - Argilla	13.72	1.31	56.95	87	17.8	55.1	23.1		1.9	9.2	77.7	72.0	0.39
Argilla limosa - Argilla	13.74	1.29	58.69	88	17.8	54.0	23.1		1.9	9.1	77.6	71.9	0.39
Argilla limosa - Argilla	13.76	1.24	59.67	89	17.8	51.1	22.9		1.9	8.7	76.9	71.1	0.39
Argilla limosa - Argilla	13.78	1.21	60.06	91	17.8	49.0	22.8		1.9	8.5	76.4	70.5	0.38
Argilla limosa - Argilla	13.80	1.16	61.38	93	17.8	46.4	22.7		1.9	8.1	75.7	69.7	0.38
Argilla limosa - Argilla	13.82	1.11	61.62	94	17.8	43.6	22.5		1.8	7.8	74.9	68.8	0.38
Argilla limosa - Argilla	13.84	1.06	60.27	96	17.7	41.0	22.3		1.8	7.4	73.9	67.7	0.38
Argilla limosa - Argilla	13.86	1.05	57.68	95	17.7	40.7	22.2		1.8	7.3	73.5	67.4	0.37
Argilla limosa - Argilla	13.88	1.03	53.48	95	17.6	39.8	22.1		1.8	7.1	72.7	66.6	0.37
Argilla limosa - Argilla	13.90	1.02	53.06	95	17.6	39.3	22.1		1.8	7.0	72.5	66.3	0.37
Argilla limosa - Argilla	13.92	1.03	52.22	94	17.6	40.3	22.2		1.8	7.2	72.8	66.6	0.37
Argilla limosa - Argilla	13.94	1.03	50.00	93	17.5	40.6	22.2		1.8	7.2	72.6	66.5	0.37
Argilla limosa - Argilla	13.96	1.04	48.32	93	17.5	41.3	22.2		1.8	7.2	72.7	66.6	0.37
Argilla limosa - Argilla	13.98	1.04	46.59	92	17.4	41.2	22.2		1.8	7.2	72.4	66.3	0.37
Argilla limosa - Argilla	14.00	1.04	44.50	91	17.4	41.4	22.2		1.8	7.2	72.2	66.1	0.37
Argilla limosa - Argilla	14.02	1.05	43.78	91	17.4	42.0	22.2		1.8	7.2	72.3	66.3	0.37
Argilla limosa - Argilla	14.04	1.05	44.72	91	17.4	42.1	22.2		1.8	7.3	72.5	66.5	0.37
Argilla limosa - Argilla	14.06	1.05	46.21	92	17.4	41.6	22.2		1.8	7.2	72.6	66.5	0.37
Argilla limosa - Argilla	14.08	1.05	47.03	92	17.5	41.8	22.2		1.8	7.3	72.9	66.7	0.37
Argilla limosa - Argilla	14.10	1.07	48.18	92	17.5	42.5	22.3		1.8	7.4	73.3	67.2	0.38
Argilla limosa - Argilla	14.12	1.07	49.66	92	17.5	42.3	22.3		1.8	7.4	73.4	67.3	0.38
Argilla limosa - Argilla	14.14	1.05	50.89	93	17.5	41.2	22.2		1.8	7.3	73.3	67.1	0.37
Argilla limosa - Argilla	14.16	1.02	50.88	94	17.5	39.6	22.1		1.8	7.0	72.8	66.6	0.37
Argilla limosa - Argilla	14.18	1.02	49.44	94	17.5	39.5	22.1		1.8	7.0	72.6	66.4	0.37
Argilla limosa - Argilla	14.20	1.03	49.55	93	17.5	40.3	22.1		1.8	7.1	72.9	66.7	0.37
Argilla limosa - Argilla	14.22	1.02	49.57	94	17.5	39.5	22.1		1.8	7.0	72.7	66.5	0.37
Argilla limosa - Argilla	14.24	1.04	48.21	92	17.5	41.1	22.2		1.8	7.2	73.1	66.9	0.37
Argilla limosa - Argilla	14.26	1.10	45.53	90	17.4	44.6	22.4		1.8	7.6	73.8	67.8	0.38
Argilla limosa - Argilla	14.28	1.06	43.48	90	17.4	42.6	22.2		1.8	7.3	72.9	66.8	0.37
Argilla limosa - Argilla	14.30	1.00	42.12	92	17.3	39.6	22.0		1.8	6.9	71.7	65.6	0.37
Argilla limosa - Argilla	14.32	0.96	40.27	93	17.2	37.6	21.8		1.8	6.6	70.8	64.5	0.37
Argilla limosa - Argilla	14.34	0.92	38.03	93	17.2	36.6	21.6		1.8	6.3	69.7	63.4	0.36
Argilla limosa - Argilla	14.36	0.87	36.53	95	17.1	33.0	21.4		1.7	5.9	68.5	62.2	0.36
Argilla limosa - Argilla	14.38	0.83	35.57	96	17.1	30.9	21.2		1.7	5.7	67.6	61.2	0.36
Argilla limosa - Argilla	14.40	0.83	33.81	95	17.0	31.1	21.2		1.7	5.7	67.4	61.0	0.36
Argilla limosa - Argilla	14.42	0.86	31.64	93	16.9	33.1	21.4		1.7	5.8	67.7	61.4	0.36
Argilla limosa - Argilla	14.44	0.89	30.22	91	16.9	35.1	21.5		1.7	6.1	68.2	61.9	0.36
Argilla limosa - Argilla	14.46	0.94	27.76	88	16.8	38.2	21.7		1.7	6.4	68.7	62.6	0.37
Argilla limosa - Argilla	14.48	0.96	24.64	85	16.7	40.5	21.8		1.7	6.5	68.6	62.6	0.37
Limo argilloso - Argilla limosa	14.50	0.97	23.52	84	16.6	31.4	21.9		1.7	8.1	68.6	62.6	0.37
Argilla limosa - Argilla	14.52	0.98	24.67	84	16.7	41.3	21.9		1.7	6.6	69.0	62.9	0.37

Argilla limosa - Argilla	14.54	0.97	26.88	86	16.8	40.4	21.8		1.7	6.6	69.3	63.2	0.37
Argilla limosa - Argilla	14.56	0.98	28.11	86	16.8	40.4	21.9		1.7	6.6	69.6	63.5	0.37
Argilla limosa - Argilla	14.58	0.98	29.98	87	16.9	40.0	21.9		1.8	6.6	70.0	63.8	0.37
Argilla limosa - Argilla	14.60	0.97	33.93	89	17.1	38.9	21.8		1.8	6.6	70.5	64.3	0.37
Argilla limosa - Argilla	14.62	0.97	37.31	91	17.2	38.3	21.8		1.8	6.6	71.0	64.7	0.37
Argilla limosa - Argilla	14.64	0.99	39.15	91	17.2	38.9	21.9		1.8	6.7	71.5	65.3	0.37
Argilla limosa - Argilla	14.66	1.03	39.74	90	17.3	41.3	22.1		1.8	7.1	72.4	66.3	0.37
Argilla limosa - Argilla	14.68	1.05	41.18	90	17.3	42.2	22.2		1.8	7.2	73.0	66.8	0.37
Argilla limosa - Argilla	14.70	1.05	45.21	91	17.4	41.6	22.2		1.8	7.2	73.5	67.3	0.37
Argilla limosa - Argilla	14.72	1.05	47.57	92	17.5	41.0	22.1		1.8	7.2	73.7	67.4	0.37
Argilla limosa - Argilla	14.74	1.05	48.87	92	17.5	41.1	22.1		1.8	7.2	73.9	67.7	0.37
Argilla limosa - Argilla	14.76	1.06	50.49	93	17.5	41.2	22.2		1.8	7.3	74.2	67.9	0.37
Argilla limosa - Argilla	14.78	1.04	53.51	94	17.6	39.7	22.1		1.8	7.1	74.1	67.8	0.37
Argilla limosa - Argilla	14.80	1.06	55.35	94	17.6	40.6	22.2		1.8	7.3	74.7	68.4	0.37
Argilla limosa - Argilla	14.82	1.09	54.62	93	17.6	42.6	22.3		1.8	7.5	75.3	69.1	0.38
Argilla limosa - Argilla	14.84	1.11	53.85	92	17.6	43.7	22.4		1.8	7.7	75.6	69.4	0.38
Argilla limosa - Argilla	14.86	1.14	54.28	91	17.7	45.0	22.5		1.8	7.8	76.2	70.0	0.38
Argilla limosa - Argilla	14.88	1.18	55.46	90	17.7	47.1	22.6		1.8	8.1	77.0	70.9	0.38
Argilla limosa - Argilla	14.90	1.21	56.58	90	17.7	48.6	22.7		1.8	8.3	77.6	71.6	0.38
Argilla limosa - Argilla	14.92	1.22	59.46	90	17.8	48.8	22.7		1.8	8.4	78.1	72.0	0.38
Argilla limosa - Argilla	14.94	1.24	61.71	90	17.8	49.9	22.8		1.8	8.6	78.7	72.7	0.38
Argilla limosa - Argilla	14.96	1.26	63.57	90	17.9	50.7	22.9		1.8	8.7	79.2	73.2	0.39
Argilla limosa - Argilla	14.98	1.30	64.40	89	17.9	52.8	23.0		1.8	9.0	80.0	74.0	0.39
Argilla limosa - Argilla	15.00	1.33	64.94	88	17.9	54.1	23.1		1.8	9.2	80.5	74.5	0.39
Argilla limosa - Argilla	15.02	1.36	64.89	87	17.9	56.0	23.2		1.9	9.5	81.1	75.2	0.39
Argilla limosa - Argilla	15.04	1.40	63.15	86	17.9	58.5	23.3		1.9	9.7	81.6	75.8	0.39
Argilla limosa - Argilla	15.06	1.43	62.89	85	17.9	59.9	23.4		1.9	9.9	82.0	76.2	0.39
Argilla limosa - Argilla	15.08	1.44	63.96	85	17.9	60.3	23.4		1.9	10.0	82.3	76.5	0.39
Argilla limosa - Argilla	15.10	1.43	65.61	86	18.0	59.7	23.4		1.9	10.0	82.4	76.5	0.39
Argilla limosa - Argilla	15.12	1.42	65.74	86	18.0	58.9	23.3		1.9	9.8	82.2	76.3	0.39
Argilla limosa - Argilla	15.14	1.38	65.19	87	17.9	56.7	23.2		1.9	9.5	81.5	75.6	0.39
Argilla limosa - Argilla	15.16	1.34	66.17	88	17.9	54.3	23.1		1.8	9.3	81.0	75.0	0.39
Argilla limosa - Argilla	15.18	1.27	67.57	91	17.9	50.3	22.9		1.8	8.8	80.0	73.8	0.39
Argilla limosa - Argilla	15.20	1.18	68.07	94	17.9	45.4	22.6		1.8	8.1	78.5	72.2	0.38
Argilla limosa - Argilla	15.22	1.10	66.46	96	17.9	41.5	22.3		1.8	7.6	77.0	70.6	0.38
Argilla limosa - Argilla	15.24	1.02	64.59	98	17.8	37.1	21.9		1.8	6.9	75.2	68.7	0.37
Argilla limosa - Argilla	15.26	0.94	62.62	100	17.7	33.3	21.6		1.8	6.4	73.6	67.0	0.36
Argilla limosa - Argilla	15.28	0.88	59.70	100	17.7	30.4	21.4		1.7	6.0	72.1	65.4	0.36
Argilla limosa - Argilla	15.30	0.83	55.29	100	17.6	27.9	21.1		1.7	5.6	70.6	63.8	0.36
Argilla limosa - Argilla	15.32	0.79	50.41	100	17.4	26.1	20.9		1.7	5.3	69.3	62.5	0.35
Argilla limosa - Argilla	15.34	0.74	44.35	100	17.3	24.0	20.6		1.7	4.9	67.5	60.7	0.35
Argilla limosa - Argilla	15.36	0.70	38.16	100	17.1	22.3	20.4		1.7	4.7	65.9	59.1	0.34
Argilla limosa - Argilla	15.38	0.68	32.37	100	16.9	22.1	20.3		1.6	4.5	64.9	58.1	0.34
Argilla limosa - Argilla	15.40	0.69	27.10	99	16.7	23.2	20.4		1.6	4.6	64.3	57.6	0.34
Argilla limosa - Argilla	15.42	0.72	23.75	95	16.5	25.3	20.5		1.6	4.8	64.5	57.9	0.35
Argilla limosa - Argilla	15.44	0.77	20.46	90	16.4	28.9	20.8		1.6	5.1	65.0	58.5	0.35
Argilla limosa - Argilla	15.46	0.82	18.50	87	16.3	32.1	21.0		1.7	5.4	65.5	59.2	0.36
Argilla limosa - Argilla	15.48	0.81	17.58	86	16.2	32.0	21.0		1.6	5.3	65.2	58.9	0.35
Argilla limosa - Argilla	15.50	0.77	16.80	88	16.2	29.7	20.8		1.6	5.1	64.1	57.8	0.35
Argilla limosa - Argilla	15.52	0.70	15.41	90	16.0	25.4	20.4		1.6	4.6	62.0	55.6	0.34
Argilla limosa - Argilla	15.54	0.65	13.76	91	15.9	23.1	20.1		1.6	4.3	60.5	54.1	0.34
Argilla limosa - Argilla	15.56	0.64	11.86	90	15.7	22.7	20.0		1.6	4.1	59.5	53.1	0.34
Argilla limosa - Argilla	15.58	0.63	10.49	89	15.6	22.9	20.0		1.6	4.1	58.9	52.5	0.34
Argilla limosa - Argilla	15.60	0.65	10.05	87	15.5	24.0	20.1		1.6	4.2	59.1	52.8	0.34
Argilla limosa - Argilla	15.62	0.66	9.57	86	15.5	24.8	20.2		1.6	4.2	59.1	52.8	0.34
Argilla limosa - Argilla	15.64	0.69	9.48	84	15.5	26.8	20.3		1.6	4.4	59.8	53.5	0.34
Limo argilloso - Argilla limosa	15.66	0.71	9.94	84	15.5	21.1	20.5		1.6	5.7	60.6	54.3	0.35
Limo argilloso - Argilla limosa	15.68	0.75	10.87	83	15.7	22.8	20.7		1.6	6.0	61.9	55.7	0.35
Limo argilloso - Argilla limosa	15.70	0.83	11.65	80	15.8	26.4	21.1		1.6	6.7	63.9	57.8	0.36
Limo argilloso - Argilla limosa	15.72	0.92	12.07	77	15.8	30.4	21.5		1.6	7.4	65.8	59.8	0.36
Limo argilloso - Argilla limosa	15.74	1.01	13.76	75	16.0	34.3	21.9		1.7	8.2	68.1	62.1	0.37
Limo argilloso - Argilla limosa	15.76	1.14	15.20	72	16.2	40.1	22.4		1.7	9.3	70.8	65.1	0.38
Limo argilloso - Argilla limosa	15.78	1.37	16.76	66	16.4	51.4	23.1		1.8	11.3	75.1	69.6	0.39
Sabbia limosa - Limo sabbioso	15.80	1.75	19.82	59	16.7		28.6	4	1.8	7.3	81.2	63.8	0.18
Sabbia limosa - Limo sabbioso	15.82	2.02	23.64	56	16.9		29.6	8	1.9	8.4	85.5	67.6	0.19
Sabbia limosa - Limo sabbioso	15.84	2.15	33.78	60	17.3		29.4	9	1.9	8.8	88.8	70.3	0.19
Sabbia limosa - Limo sabbioso	15.86	2.30	43.62	61	17.7		29.5	11	1.9	9.4	92.0	73.0	0.19
Limo argilloso - Argilla limosa	15.88	2.46	60.77	64	18.1	89.1	25.1		2.0	21.0	95.5	91.0	0.43
Limo argilloso - Argilla limosa	15.90	2.51	64.04	64	18.1	90.8	25.2		2.0	21.5	96.4	91.9	0.43
Limo argilloso - Argilla limosa	15.92	2.47	67.53	66	18.2	88.0	25.1		2.0	21.0	96.2	91.7	0.43
Limo argilloso - Argilla limosa	15.94	2.37	69.45	68	18.2	83.3	25.0		2.0	20.1	95.3	90.6	0.43
Limo argilloso - Argilla limosa	15.96	2.20	67.24	70	18.1	76.0	24.7		1.9	18.5	93.2	88.3	0.42
Limo argilloso - Argilla limosa	15.98	2.04	64.43	72	18.1	69.3	24.4		1.9	17.0	91.0	85.9	0.41
Limo argilloso - Argilla limosa	16.00	2.00	65.02	73	18.1	67.3	24.4		1.9	16.7	90.6	85.3	0.41
Limo argilloso - Argilla limosa	16.02	2.02	64.16	73	18.0	68.3	24.4		1.9	16.8	90.8	85.6	0.41
Limo argilloso - Argilla limosa	16.04	2.14	64.70	71	18.1	73.7	24.6		1.9	18.0	92.4	87.4	0.42
Limo argilloso - Argilla limosa	16.06	2.37	65.58	67	18.1	84.1	25.0		1.9	20.1	95.3	90.6	0.43
Sabbia limosa - Limo sabbioso	16.08	2.80	70.87	62	18.3		30.2	15	2.0	11.2	100.3	80.3	0.20
Sabbia limosa - Limo sabbioso	16.10	3.07	78.62	60	18.4		30.7	18	2.0	12.3	103.6	83.3	0.21
Sabbia limosa - Limo sabbioso	16.12	3.16	84.31	60	18.5		30.8	19	2.0	12.6	104.9	84.5	0.21
Limo argilloso - Argilla limosa	16.14	2.85	85.61	64	18.5	102.0	25.6		2.0	24.6	102.0	97.9	0.44
Limo argilloso - Argilla limosa	16.16	2.47	82.35	69	18.4	85.6	25.1		2.0	21.0	97.8	93.1	0.43

Limo argilloso - Argilla limosa	16.18	2.18	79.69	74	18.3	73.1	24.6		1.9	18.3	94.2	89.1	0.42
Limo argilloso - Argilla limosa	16.20	1.93	73.79	77	18.2	63.3	24.2		1.9	16.0	90.8	85.3	0.41
Limo argilloso - Argilla limosa	16.22	1.78	68.85	79	18.1	57.3	24.0		1.9	14.6	88.3	82.7	0.40
Limo argilloso - Argilla limosa	16.24	1.67	65.00	80	18.0	53.2	23.7		1.8	13.7	86.6	80.8	0.40
Limo argilloso - Argilla limosa	16.26	1.79	63.10	77	18.0	58.5	24.0		1.9	14.7	88.1	82.6	0.41
Limo argilloso - Argilla limosa	16.28	1.83	60.80	75	17.9	60.8	24.1		1.9	15.2	88.6	83.1	0.41
Limo argilloso - Argilla limosa	16.30	1.71	58.95	78	17.9	55.6	23.8		1.8	14.0	86.7	81.1	0.40
Limo argilloso - Argilla limosa	16.32	1.61	57.01	79	17.8	51.5	23.6		1.8	13.1	85.2	79.4	0.40
Limo argilloso - Argilla limosa	16.34	1.56	53.79	79	17.7	50.2	23.5		1.8	12.8	84.3	78.4	0.40
Limo argilloso - Argilla limosa	16.36	1.45	48.29	80	17.6	46.2	23.2		1.8	11.8	82.1	76.2	0.39
Argilla limosa - Argilla	16.38	1.26	44.57	85	17.5	49.7	22.6		1.8	8.2	78.5	72.3	0.38
Argilla limosa - Argilla	16.40	1.02	44.82	93	17.4	36.0	21.7		1.7	6.5	74.1	67.5	0.37
Argilla limosa - Argilla	16.42	0.98	38.99	92	17.2	34.7	21.5		1.7	6.3	72.7	66.1	0.36
Argilla limosa - Argilla	16.44	1.02	31.91	87	17.0	38.3	21.7		1.7	6.5	72.6	66.2	0.37
Limo argilloso - Argilla limosa	16.46	1.08	29.95	84	16.9	32.3	22.0		1.7	8.6	73.5	67.2	0.37
Limo argilloso - Argilla limosa	16.48	1.10	29.04	83	16.9	33.6	22.1		1.7	8.8	73.9	67.6	0.37
Limo argilloso - Argilla limosa	16.50	1.09	27.36	82	16.8	33.3	22.0		1.7	8.7	73.4	67.1	0.37
Limo argilloso - Argilla limosa	16.52	1.06	23.84	81	16.7	33.0	21.9		1.7	8.5	72.4	66.1	0.37
Limo argilloso - Argilla limosa	16.54	1.13	18.33	75	16.4	37.5	22.2		1.7	9.0	72.4	66.3	0.37
Limo argilloso - Argilla limosa	16.56	1.15	18.71	75	16.4	38.1	22.3		1.7	9.1	72.7	66.7	0.38
Limo argilloso - Argilla limosa	16.58	1.20	22.28	75	16.6	39.5	22.4		1.7	9.6	74.5	68.5	0.38
Limo argilloso - Argilla limosa	16.60	1.21	24.47	77	16.8	39.4	22.5		1.7	9.7	75.1	69.1	0.38
Limo argilloso - Argilla limosa	16.62	1.17	28.03	80	16.9	37.0	22.3		1.7	9.4	75.2	69.0	0.38
Limo argilloso - Argilla limosa	16.64	1.16	29.75	81	17.0	36.2	22.3		1.7	9.3	75.3	69.1	0.38
Limo argilloso - Argilla limosa	16.66	1.19	31.78	81	17.0	37.0	22.4		1.7	9.5	76.1	69.9	0.38
Limo argilloso - Argilla limosa	16.68	1.22	33.94	81	17.1	38.3	22.5		1.7	9.8	77.1	70.9	0.38
Limo argilloso - Argilla limosa	16.70	1.28	35.30	80	17.2	40.5	22.7		1.7	10.3	78.3	72.1	0.38
Limo argilloso - Argilla limosa	16.72	1.31	36.95	80	17.3	41.6	22.8		1.7	10.6	79.0	72.9	0.38
Limo argilloso - Argilla limosa	16.74	1.28	40.61	82	17.4	39.7	22.7		1.7	10.3	79.0	72.8	0.38
Limo argilloso - Argilla limosa	16.76	1.24	41.91	84	17.4	38.1	22.5		1.7	10.0	78.6	72.3	0.38
Argilla limosa - Argilla	16.78	1.24	43.91	85	17.4	48.9	22.5		1.7	8.1	78.8	72.5	0.38
Argilla limosa - Argilla	16.80	1.21	43.93	86	17.4	47.7	22.4		1.7	8.0	78.5	72.1	0.38
Limo argilloso - Argilla limosa	16.82	1.26	40.67	83	17.4	39.2	22.6		1.7	10.2	79.0	72.7	0.38
Limo argilloso - Argilla limosa	16.84	1.29	40.33	82	17.4	40.5	22.7		1.7	10.5	79.4	73.2	0.38
Limo argilloso - Argilla limosa	16.86	1.29	40.17	82	17.3	40.3	22.7		1.7	10.4	79.4	73.2	0.38
Limo argilloso - Argilla limosa	16.88	1.27	41.50	83	17.4	39.7	22.7		1.7	10.3	79.4	73.1	0.38
Limo argilloso - Argilla limosa	16.90	1.25	43.30	84	17.4	38.6	22.6		1.7	10.2	79.3	73.0	0.38
Argilla limosa - Argilla	16.92	1.20	45.67	86	17.5	47.0	22.4		1.7	7.9	78.7	72.3	0.38
Argilla limosa - Argilla	16.94	1.15	48.13	89	17.5	43.8	22.2		1.7	7.6	78.1	71.6	0.38
Argilla limosa - Argilla	16.96	1.13	49.82	90	17.5	42.2	22.2		1.7	7.4	77.9	71.3	0.37
Argilla limosa - Argilla	16.98	1.08	48.42	92	17.5	39.7	22.0		1.7	7.1	76.8	70.2	0.37
Argilla limosa - Argilla	17.00	1.11	45.09	89	17.4	41.8	22.1		1.7	7.3	77.1	70.5	0.37
Argilla limosa - Argilla	17.02	1.10	44.69	89	17.4	41.3	22.0		1.7	7.2	76.9	70.3	0.37
Argilla limosa - Argilla	17.04	1.10	42.97	89	17.4	41.6	22.0		1.7	7.2	76.7	70.2	0.37
Argilla limosa - Argilla	17.06	1.14	38.81	86	17.3	44.5	22.2		1.7	7.5	77.0	70.5	0.37
Argilla limosa - Argilla	17.08	1.15	37.98	85	17.2	45.2	22.2		1.7	7.5	77.1	70.6	0.37
Argilla limosa - Argilla	17.10	1.14	37.65	85	17.2	44.7	22.2		1.7	7.5	76.9	70.4	0.37
Argilla limosa - Argilla	17.12	1.12	38.73	86	17.3	43.3	22.1		1.7	7.3	76.6	70.2	0.37
Argilla limosa - Argilla	17.14	1.10	38.75	87	17.3	42.4	22.1		1.7	7.2	76.4	69.9	0.37
Argilla limosa - Argilla	17.16	1.08	39.82	88	17.3	40.8	22.0		1.7	7.1	76.1	69.5	0.37
Argilla limosa - Argilla	17.18	1.07	41.91	89	17.3	40.3	21.9		1.7	7.0	76.3	69.7	0.37
Argilla limosa - Argilla	17.20	1.05	42.74	90	17.3	39.0	21.9		1.7	6.9	76.0	69.4	0.37
Argilla limosa - Argilla	17.22	1.02	41.62	91	17.3	37.5	21.7		1.7	6.7	75.3	68.6	0.37
Argilla limosa - Argilla	17.24	1.00	40.89	92	17.3	36.2	21.6		1.7	6.5	74.8	68.0	0.37
Argilla limosa - Argilla	17.26	0.97	41.05	93	17.3	34.5	21.5		1.7	6.3	74.2	67.4	0.36
Argilla limosa - Argilla	17.28	0.95	40.79	93	17.3	33.7	21.4		1.7	6.2	73.9	67.1	0.36
Argilla limosa - Argilla	17.30	0.95	38.48	92	17.2	34.0	21.4		1.7	6.2	73.7	66.9	0.36
Argilla limosa - Argilla	17.32	0.95	37.73	92	17.2	33.8	21.4		1.7	6.2	73.5	66.7	0.36
Argilla limosa - Argilla	17.34	0.94	36.74	92	17.1	33.4	21.4		1.7	6.1	73.2	66.4	0.36
Argilla limosa - Argilla	17.36	0.91	35.67	93	17.1	32.1	21.3		1.7	5.9	72.5	65.7	0.36
Argilla limosa - Argilla	17.38	0.91	34.69	92	17.1	32.2	21.3		1.6	5.9	72.4	65.6	0.36
Argilla limosa - Argilla	17.40	0.91	32.66	91	17.0	32.5	21.3		1.6	5.9	72.1	65.4	0.36
Argilla limosa - Argilla	17.42	0.92	31.24	90	16.9	33.3	21.3		1.6	6.0	72.2	65.4	0.36
Argilla limosa - Argilla	17.44	0.94	30.54	89	16.9	34.6	21.4		1.6	6.1	72.5	65.8	0.36
Argilla limosa - Argilla	17.46	0.95	30.30	89	16.9	35.0	21.4		1.6	6.1	72.6	65.9	0.36
Argilla limosa - Argilla	17.48	0.96	29.77	88	16.9	35.9	21.5		1.6	6.2	72.9	66.2	0.36
Argilla limosa - Argilla	17.50	0.94	30.14	89	16.9	34.7	21.4		1.6	6.1	72.5	65.8	0.36
Argilla limosa - Argilla	17.52	0.94	29.88	89	16.9	34.7	21.4		1.6	6.1	72.5	65.8	0.36
Argilla limosa - Argilla	17.54	0.94	29.91	89	16.9	34.7	21.4		1.6	6.1	72.5	65.8	0.36
Argilla limosa - Argilla	17.56	0.95	30.65	89	16.9	34.9	21.4		1.6	6.1	72.8	66.1	0.36
Argilla limosa - Argilla	17.58	0.95	30.57	89	16.9	35.0	21.4		1.6	6.2	72.8	66.1	0.36
Argilla limosa - Argilla	17.60	0.94	30.30	89	16.9	34.7	21.4		1.6	6.1	72.7	66.0	0.36
Argilla limosa - Argilla	17.62	0.93	30.46	90	16.9	33.8	21.3		1.6	6.0	72.5	65.7	0.36
Argilla limosa - Argilla	17.64	0.91	30.23	90	16.9	33.0	21.3		1.6	5.9	72.1	65.4	0.36
Argilla limosa - Argilla	17.66	0.90	29.98	91	16.9	32.2	21.2		1.6	5.8	71.8	65.0	0.36
Argilla limosa - Argilla	17.68	0.88	29.03	91	16.8	31.5	21.1		1.6	5.7	71.3	64.5	0.36
Argilla limosa - Argilla	17.70	0.89	28.19	90	16.8	32.2	21.2		1.6	5.8	71.4	64.7	0.36
Argilla limosa - Argilla	17.72	0.88	27.66	90	16.8	31.7	21.1		1.6	5.7	71.2	64.4	0.36
Argilla limosa - Argilla	17.74	0.88	27.84	90	16.8	31.7	21.1		1.6	5.7	71.2	64.4	0.36
Argilla limosa - Argilla	17.76	0.88	27.52	90	16.8	31.5	21.1		1.6	5.7	71.1	64.3	0.36
Argilla limosa - Argilla	17.78	0.88	27.88	90	16.8	31.7	21.1		1.6	5.7	71.3	64.5	0.36
Argilla limosa - Argilla	17.80	0.88	28.11	90	16.8	31.4	21.1		1.6	5.7	71.3	64.4	0.36

Argilla limosa - Argilla	17.82	0.90	28.12	89	16.8	32.5	21.2		1.6	5.8	71.7	64.9	0.36
Argilla limosa - Argilla	17.84	0.96	28.03	87	16.8	36.4	21.5		1.6	6.3	73.1	66.4	0.36
Limo argilloso - Argilla limosa	17.86	1.08	27.81	82	16.9	33.0	21.9		1.7	8.7	75.3	68.8	0.37
Limo argilloso - Argilla limosa	17.88	1.21	28.14	78	16.9	40.3	22.5		1.7	10.0	78.3	72.0	0.38
Limo argilloso - Argilla limosa	17.90	1.11	27.93	81	16.9	35.4	22.1		1.7	9.1	76.4	69.9	0.37
Limo argilloso - Argilla limosa	17.92	1.07	27.53	82	16.9	33.5	22.0		1.7	8.7	75.5	69.0	0.37
Argilla limosa - Argilla	17.94	1.02	28.72	85	16.9	40.8	21.8		1.7	6.8	74.9	68.3	0.37
Argilla limosa - Argilla	17.96	0.97	31.18	88	17.0	37.4	21.6		1.6	6.5	74.3	67.6	0.36
Argilla limosa - Argilla	17.98	0.97	33.28	89	17.0	37.1	21.6		1.6	6.5	74.7	68.0	0.36
Argilla limosa - Argilla	18.00	0.98	33.22	88	17.1	39.8	21.8		1.7	6.8	75.6	69.0	0.37
Argilla limosa - Argilla	18.02	1.01	32.09	86	17.0	41.8	21.9		1.7	7.0	76.1	69.5	0.37
Argilla limosa - Argilla	18.04	1.07	31.88	84	17.0	44.6	22.1		1.7	7.3	76.9	70.4	0.37
Limo argilloso - Argilla limosa	18.06	1.14	32.71	82	17.1	36.6	22.3		1.7	9.5	78.1	71.7	0.38
Limo argilloso - Argilla limosa	18.08	1.21	33.65	81	17.1	39.5	22.5		1.7	10.1	79.5	73.2	0.38
Limo argilloso - Argilla limosa	18.10	1.28	34.23	79	17.2	42.0	22.7		1.7	10.6	80.6	74.4	0.38
Limo argilloso - Argilla limosa	18.12	1.31	35.76	79	17.2	42.5	22.8		1.7	10.7	81.2	74.9	0.38
Limo argilloso - Argilla limosa	18.14	1.28	40.67	82	17.4	40.6	22.7		1.7	10.5	81.4	75.0	0.38
Argilla limosa - Argilla	18.16	1.23	45.51	85	17.5	49.1	22.5		1.7	8.2	81.1	74.6	0.38
Argilla limosa - Argilla	18.18	1.18	51.65	89	17.6	44.7	22.3		1.7	7.8	80.7	74.1	0.38
Argilla limosa - Argilla	18.20	1.13	54.07	91	17.6	41.5	22.1		1.7	7.4	80.0	73.2	0.37
Argilla limosa - Argilla	18.22	1.09	56.31	93	17.7	39.2	22.0		1.7	7.2	79.5	72.7	0.37
Argilla limosa - Argilla	18.24	1.06	59.17	95	17.7	37.2	21.8		1.7	7.0	79.2	72.2	0.37
Argilla limosa - Argilla	18.26	1.01	61.04	97	17.7	34.9	21.7		1.7	6.7	78.5	71.5	0.37
Argilla limosa - Argilla	18.28	0.99	60.55	98	17.7	33.9	21.6		1.7	6.6	78.1	71.1	0.36
Argilla limosa - Argilla	18.30	1.00	58.31	97	17.7	34.6	21.6		1.7	6.6	78.2	71.1	0.36
Argilla limosa - Argilla	18.32	1.02	55.18	95	17.6	36.2	21.7		1.7	6.8	78.5	71.5	0.37
Argilla limosa - Argilla	18.34	1.04	51.63	93	17.6	37.6	21.8		1.7	6.9	78.5	71.6	0.37
Argilla limosa - Argilla	18.36	1.03	48.72	93	17.5	37.2	21.8		1.7	6.8	78.0	71.1	0.37
Argilla limosa - Argilla	18.38	1.03	45.35	92	17.4	37.2	21.7		1.7	6.8	77.5	70.6	0.37
Argilla limosa - Argilla	18.40	1.04	43.07	91	17.4	38.1	21.8		1.7	6.8	77.5	70.6	0.37
Argilla limosa - Argilla	18.42	1.08	41.59	89	17.3	40.6	21.9		1.7	7.1	78.2	71.4	0.37
Argilla limosa - Argilla	18.44	1.10	41.84	88	17.3	42.0	22.0		1.7	7.3	78.7	72.0	0.37
Argilla limosa - Argilla	18.46	1.13	43.03	87	17.4	43.5	22.1		1.7	7.5	79.4	72.7	0.37
Argilla limosa - Argilla	18.48	1.12	44.74	88	17.4	42.5	22.1		1.7	7.4	79.4	72.7	0.37
Argilla limosa - Argilla	18.50	1.09	46.02	90	17.5	40.6	22.0		1.7	7.2	79.0	72.2	0.37
Argilla limosa - Argilla	18.52	1.07	46.01	91	17.4	39.5	21.9		1.7	7.1	78.6	71.8	0.37
Argilla limosa - Argilla	18.54	1.05	47.12	92	17.5	38.2	21.8		1.7	6.9	78.4	71.5	0.37
Argilla limosa - Argilla	18.56	1.04	48.38	93	17.5	37.3	21.8		1.7	6.8	78.3	71.3	0.37
Argilla limosa - Argilla	18.58	1.04	48.77	93	17.5	37.3	21.8		1.7	6.8	78.3	71.4	0.37
Argilla limosa - Argilla	18.60	1.09	47.71	91	17.5	40.1	21.9		1.7	7.2	79.2	72.4	0.37
Argilla limosa - Argilla	18.62	1.12	45.97	89	17.5	42.3	22.1		1.7	7.4	79.7	73.0	0.37
Argilla limosa - Argilla	18.64	1.14	44.55	88	17.4	43.6	22.1		1.7	7.5	80.0	73.2	0.37
Argilla limosa - Argilla	18.66	1.14	44.53	88	17.4	43.2	22.1		1.7	7.5	79.9	73.1	0.37
Argilla limosa - Argilla	18.68	1.11	43.96	88	17.4	41.9	22.0		1.7	7.3	79.4	72.6	0.37
Argilla limosa - Argilla	18.70	1.07	43.93	90	17.4	39.3	21.9		1.7	7.0	78.5	71.6	0.37
Argilla limosa - Argilla	18.72	1.03	44.95	92	17.4	36.9	21.7		1.7	6.7	77.9	70.9	0.37
Argilla limosa - Argilla	18.74	1.00	46.01	93	17.4	35.4	21.6		1.6	6.6	77.5	70.5	0.36
Argilla limosa - Argilla	18.76	1.01	46.08	93	17.4	35.7	21.6		1.6	6.6	77.6	70.6	0.36
Argilla limosa - Argilla	18.78	1.02	45.80	92	17.4	36.3	21.7		1.6	6.7	77.8	70.9	0.37
Argilla limosa - Argilla	18.80	1.05	44.12	91	17.4	38.2	21.8		1.7	6.9	78.3	71.4	0.37
Argilla limosa - Argilla	18.82	1.08	42.68	89	17.4	40.0	21.9		1.7	7.1	78.7	71.9	0.37
Argilla limosa - Argilla	18.84	1.10	41.93	88	17.3	41.5	22.0		1.7	7.2	79.1	72.3	0.37
Argilla limosa - Argilla	18.86	1.12	40.96	87	17.3	42.5	22.0		1.7	7.3	79.3	72.5	0.37
Argilla limosa - Argilla	18.88	1.12	40.99	87	17.3	42.9	22.1		1.7	7.4	79.5	72.7	0.37
Argilla limosa - Argilla	18.90	1.10	43.69	89	17.4	41.3	22.0		1.7	7.2	79.4	72.6	0.37
Argilla limosa - Argilla	18.92	1.08	46.96	90	17.5	39.7	21.9		1.7	7.1	79.5	72.6	0.37
Argilla limosa - Argilla	18.94	1.09	48.98	91	17.5	39.7	21.9		1.7	7.1	79.8	72.9	0.37
Argilla limosa - Argilla	18.96	1.09	51.69	92	17.6	39.7	21.9		1.7	7.2	80.2	73.3	0.37
Argilla limosa - Argilla	18.98	1.17	52.01	89	17.6	43.9	22.2		1.7	7.7	81.7	74.9	0.37
Argilla limosa - Argilla	19.00	1.23	50.54	87	17.6	47.4	22.4		1.7	8.1	82.7	76.0	0.38
Argilla limosa - Argilla	19.02	1.28	48.52	85	17.6	50.7	22.6		1.7	8.5	83.4	76.8	0.38
Limo argilloso - Argilla limosa	19.04	1.31	47.88	84	17.6	40.4	22.7		1.7	10.7	83.9	77.3	0.38
Limo argilloso - Argilla limosa	19.06	1.34	49.50	83	17.6	41.2	22.7		1.7	10.9	84.5	77.9	0.38
Limo argilloso - Argilla limosa	19.08	1.36	52.49	84	17.7	42.0	22.8		1.7	11.1	85.2	78.7	0.38
Argilla limosa - Argilla	19.10	1.34	57.88	86	17.8	52.5	22.8		1.7	8.9	85.5	78.9	0.38
Argilla limosa - Argilla	19.12	1.32	64.86	89	17.9	50.3	22.7		1.7	8.7	85.7	79.0	0.38
Argilla limosa - Argilla	19.14	1.31	68.96	90	18.0	49.5	22.7		1.7	8.7	86.0	79.2	0.38
Argilla limosa - Argilla	19.16	1.29	75.64	92	18.1	47.5	22.6		1.7	8.5	86.1	79.2	0.38
Argilla limosa - Argilla	19.18	1.27	77.61	93	18.1	46.6	22.5		1.7	8.5	86.0	79.1	0.38
Argilla limosa - Argilla	19.20	1.30	75.72	92	18.1	48.3	22.6		1.7	8.7	86.4	79.6	0.38
Argilla limosa - Argilla	19.22	1.33	74.72	91	18.1	49.7	22.7		1.7	8.8	86.8	80.0	0.38
Argilla limosa - Argilla	19.24	1.34	74.13	90	18.1	50.3	22.7		1.7	8.9	86.9	80.2	0.38
Argilla limosa - Argilla	19.26	1.35	74.05	90	18.1	51.0	22.8		1.7	9.0	87.2	80.5	0.38
Argilla limosa - Argilla	19.28	1.36	75.04	90	18.1	51.5	22.8		1.7	9.0	87.5	80.8	0.38
Argilla limosa - Argilla	19.30	1.36	75.77	90	18.1	51.1	22.8		1.7	9.0	87.5	80.7	0.38
Argilla limosa - Argilla	19.32	1.36	77.68	91	18.1	50.9	22.8		1.7	9.0	87.6	80.9	0.38
Argilla limosa - Argilla	19.34	1.37	81.24	91	18.2	51.0	22.8		1.7	9.1	88.1	81.3	0.38
Argilla limosa - Argilla	19.36	1.36	83.44	92	18.2	50.6	22.8		1.7	9.1	88.2	81.4	0.38
Argilla limosa - Argilla	19.38	1.36	85.44	92	18.2	50.1	22.8		1.7	9.0	88.2	81.4	0.38
Argilla limosa - Argilla	19.40	1.36	86.09	92	18.3	50.3	22.8		1.7	9.1	88.4	81.6	0.38
Argilla limosa - Argilla	19.42	1.37	85.77	92	18.2	50.6	22.8		1.7	9.1	88.5	81.7	0.38
Argilla limosa - Argilla	19.44	1.38	85.81	92	18.3	51.1	22.8		1.7	9.1	88.7	81.9	0.38

Argilla limosa - Argilla	19.46	1.38	86.46	92	18.3	51.2	22.8		1.7	9.2	88.8	82.0	0.39
Argilla limosa - Argilla	19.48	1.39	86.37	92	18.3	51.5	22.9		1.7	9.2	88.9	82.1	0.39
Argilla limosa - Argilla	19.50	1.38	87.59	92	18.3	50.8	22.8		1.7	9.1	88.9	82.1	0.38
Argilla limosa - Argilla	19.52	1.37	88.20	92	18.3	50.5	22.8		1.7	9.1	88.9	82.0	0.38
Argilla limosa - Argilla	19.54	1.37	88.51	92	18.3	50.5	22.8		1.7	9.1	88.9	82.1	0.38
Argilla limosa - Argilla	19.56	1.37	88.65	93	18.3	50.1	22.8		1.7	9.1	88.8	82.0	0.38
Argilla limosa - Argilla	19.58	1.35	88.59	93	18.3	49.3	22.7		1.7	9.0	88.6	81.7	0.38
Argilla limosa - Argilla	19.60	1.34	87.96	93	18.3	48.6	22.7		1.7	8.9	88.3	81.4	0.38
Argilla limosa - Argilla	19.62	1.32	86.38	93	18.2	47.9	22.6		1.7	8.7	88.0	81.1	0.38
Argilla limosa - Argilla	19.64	1.29	84.48	94	18.2	46.2	22.5		1.7	8.5	87.3	80.3	0.38
Argilla limosa - Argilla	19.66	1.26	82.23	94	18.2	44.8	22.4		1.7	8.3	86.6	79.6	0.38
Argilla limosa - Argilla	19.68	1.20	80.68	96	18.1	41.8	22.2		1.7	7.9	85.4	78.3	0.37
Argilla limosa - Argilla	19.70	1.19	76.60	95	18.1	41.5	22.2		1.7	7.8	85.0	77.9	0.37
Argilla limosa - Argilla	19.72	1.21	73.25	94	18.0	43.1	22.3		1.7	8.0	85.2	78.2	0.38
Argilla limosa - Argilla	19.74	1.28	69.84	91	18.0	46.9	22.5		1.7	8.4	86.2	79.3	0.38
Argilla limosa - Argilla	19.76	1.37	64.93	87	17.9	52.3	22.8		1.7	9.0	87.4	80.6	0.38
Argilla limosa - Argilla	19.78	1.40	63.02	86	17.9	54.4	22.9		1.7	9.2	87.8	81.1	0.39
Argilla limosa - Argilla	19.80	1.43	62.94	85	17.9	55.7	22.9		1.7	9.4	88.3	81.6	0.39
Argilla limosa - Argilla	19.82	1.48	65.02	84	18.0	58.2	23.1		1.7	9.7	89.3	82.7	0.39
Limo argilloso - Argilla limosa	19.84	1.52	66.69	84	18.0	46.9	23.2		1.7	12.4	90.2	83.7	0.39
Limo argilloso - Argilla limosa	19.86	1.58	67.91	82	18.0	49.1	23.3		1.7	12.8	91.2	84.7	0.39
Limo argilloso - Argilla limosa	19.88	1.62	73.54	83	18.1	50.0	23.4		1.7	13.2	92.2	85.8	0.40
Argilla limosa - Argilla	19.90	1.58	83.54	86	18.3	60.3	23.3		1.7	10.3	92.1	85.5	0.39
Argilla limosa - Argilla	19.92	1.54	91.69	89	18.4	57.7	23.2		1.7	10.1	92.1	85.4	0.39
Argilla limosa - Argilla	19.94	1.49	98.78	92	18.4	54.4	23.0		1.7	9.8	91.7	84.9	0.39
Argilla limosa - Argilla	19.96	1.42	104.10	94	18.5	50.8	22.9		1.7	9.3	91.0	84.1	0.39
Argilla limosa - Argilla	19.98	1.40	105.99	95	18.5	49.5	22.8		1.7	9.2	90.8	83.8	0.38
Argilla limosa - Argilla	20.00	1.37	110.02	97	18.5	47.7	22.7		1.7	9.0	90.5	83.4	0.38
Argilla limosa - Argilla	20.02	1.37	110.30	97	18.5	48.0	22.7		1.7	9.0	90.6	83.6	0.38
Argilla limosa - Argilla	20.04	1.43	104.14	94	18.5	51.2	22.9		1.7	9.4	91.3	84.4	0.39

Spett.
Comune di Carpi
Settore S4
Ufficio Strumenti Urbanistici Attuativi
Via Peruzzi 2
41012 Carpi (MO)

Spett.le
Provincia di Modena
Programmazione urbanistica,
Viale Martiri della Libertà, 34
41121 Modena (MO)

Oggetto: PEC del comune di Carpi del 3/10/2023 prot 63092
Integrazione a richiesta delle Provincia di Modena
Classifica 07-04-05 fasc. 2927/2023 del 27/09/2023

Relativamente alla richiesta di sviluppare approfondimenti mediante analisi di dettaglio della risposta sismica locale con riferimento al confronto tra la frequenza del terreno e la frequenza dei fabbricati in progetto:

- ,Per lo **Stralcio I** si rileva che dalle relazione geotecnica del dott Dallari le indagini geofisiche eseguite in sito hanno consentito di individuare una frequenza di vibrazione del terreno pari a 0.63 Hz (Periodo $T=1.58$ s).
I due fabbricati in progetto, uno dei quali risulta essere in fase di realizzazione essendo conforma al PUA approvato hanno entrambi struttura in pareti "ISOTEX" con pareti debolmente armate in c.a.(tre piani fuori terra) su scatola rigida interrata con piastra, pareti e solaio in c.a.. Tale struttura è caratterizzata da un periodo T pari a circa 0.23 s, lontano dal periodo di vibrazione del terreno pari a circa 1.58 sec..

Carpi, 19.10.23



Spett.
Comune di Carpi
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Via Peruzzi 2
41012 Carpi (MO)

Spett.le
Provincia di Modena
Programmazione urbanistica,
Viale Martiri della Libertà, 34
41121 Modena (MO)

Oggetto: PEC del comune di Carpi del 3/10/2023 prot 63092
Integrazione a richiesta delle Provincia di Modena
Classifica 07-04-05 fasc. 2927/2023del 27/09/2023

In riferimento alla richiesta di integrazione segnata a margine si integra la documentazione geologica-geotecnica e sismica relativa allo Stralcio I e Stralcio II con relazione integrazione a firma del dott. Riccardo Triches aggiornata alla normativa regionale vigente.

Relativamente alla richiesta di sviluppare approfondimenti mediante analisi di dettaglio della risposta sismica locale con riferimento confronto tra la frequenza del terreno e la frequenza dei fabbricati in progetto:

- ,Per lo **Stralcio I** si rileva che dalle relazione geotecnica del dott Dallari le indagini geofisiche eseguite in sito hanno consentito di individuare una frequenza di vibrazione del terreno pari a 0.63 Hz (Periodo T=1.58 s).
I due fabbricati in progetto, uno dei quali risulta essere in fase di realizzazione essendo conforma al PUA approvato hanno entrambi struttura in pareti "ISOTEX" con pareti debolmente armate in c.a.(tre piani fuori terra) su scatola rigida interrata con piastra, pareti e solaio in c.a.. Tale struttura è caratterizzata da un periodo T pari a circa 0.2 3 s, lontano dal periodo di vibrazione del terreno pari a circa 1.58 sec..
- Per quel che concerne lo **Stralcio II**, si rileva dalla relazione del dott Triches che con le indagini geofisiche eseguite in sito è stata individuata una frequenza di vibrazione del terreno pari a 0.81 Hz (Periodo T=1.23 s).
I fabbricati in progetto dichiarati hanno struttura a telaio in c.a. in opera con numero di piani fuori terra pari a cinque. Tali strutture sono caratterizzate da un periodo T pari a circa 0.6 s lontano dal periodo di vibrazione del terreno pari a circa 1.23 sec..

Carpi 20/10/2023


Il tecnico

Allegati:
Relazione integrativa a firma dott Triches
Documento a firma dott Dallari