



ALLEGATO 1

Rev.01 – marzo 2024

A seguito delle Osservazioni della Provincia di Monza e Brianza

Prove Geognostiche

Parte 1: PROVE PENETROMETRICHE DINAMICHE

Parte 2: PROVE PENETROMETRICHE DINAMICHE STANDARD SPT in foro

Parte 3: PROVE PENETROMETRICHE STATICHE CPT

Parte 4: TRINCEE / SCAVI ESPLORATIVI

Parte 5: SONDAGGI / STRATIGRAFIE





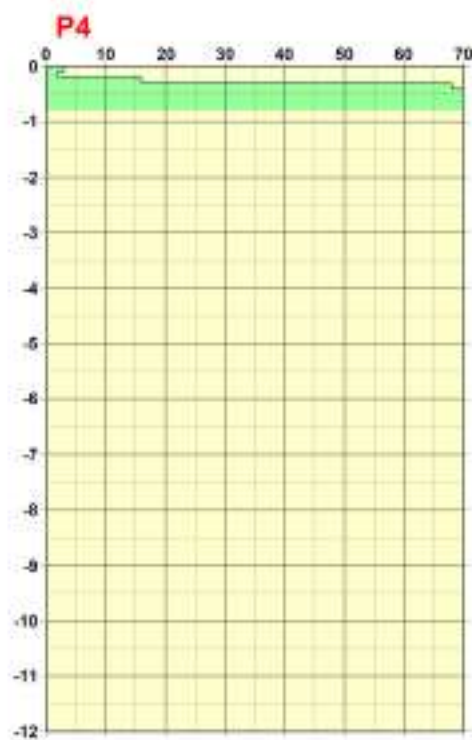
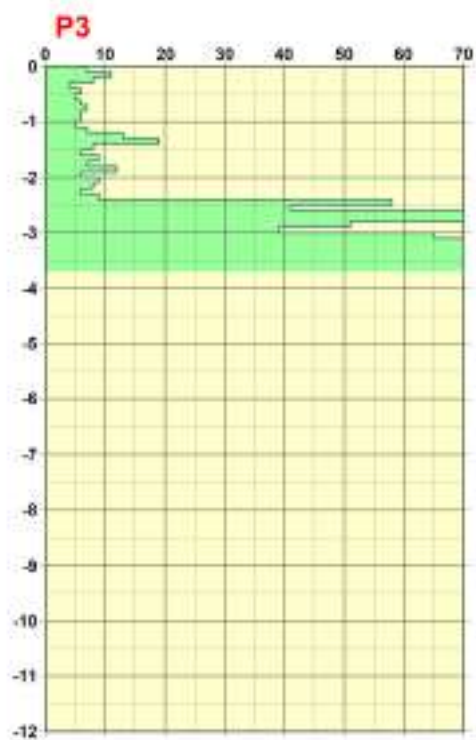
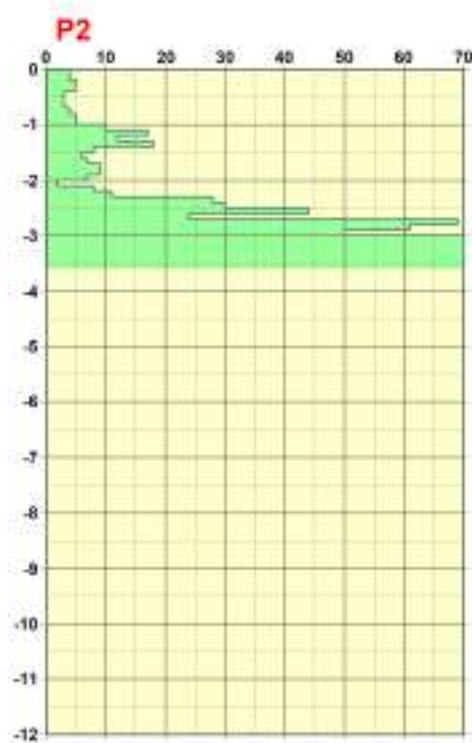
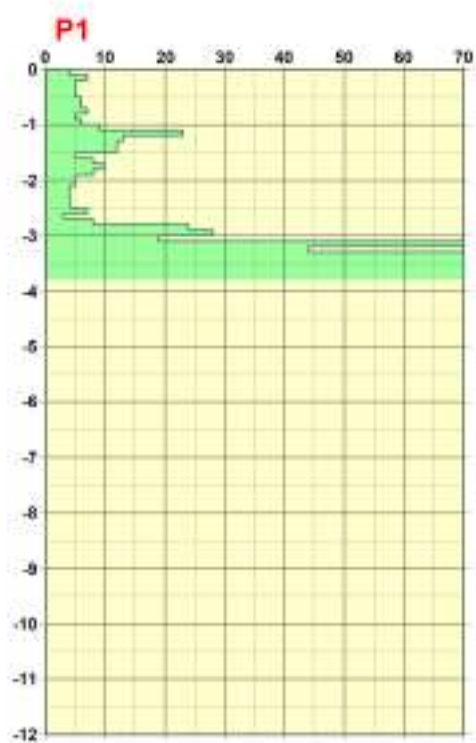
Cod. Indagine	Indirizzo	Autore	Data	Penet. Din.	SPT in foro	CPT	Trincee	Sondaggi	Sigla prove in Tav. 2
IGT0	Scuole Medie	Geoinvest s.r.l.	02/1986	7			2		P1-P7, TrA-TrB
IGT1	Piano di Lottizzazione PEC1a	Geoinvest s.r.l.	02/2000	13					P8-P20
IGT2	Via XXV 04/	Studio Geologico Tecnico Lecchese	01/2005	5					P21-P25
IGT3	Via Martin Luther King	Geoplanet Studio Geologico	03/2005	4					P26-P29
IGT4	Via Donizzetti	Dott. Geol. Riccardo Cortiana	12/2001	9					P30-P38
IGT5	Via Mazzini	Studio Geoplan	01/2003	5					P39-P43
IGT6	AT 1, tra S.P.211 e S.P.215	Fusina s.r.l.	04/2013	8					P44-P51
IGT7	AT 3, via Dante	Studio Geoplan	09/2013	1					P52
IGT8	AT 4, via E. De Amicis - S.P.215	GeoArbor studio	01/2022	6			3		P53-P58, TrC-TrE
IGT9	Via Leopardi n. 16	Geotecno srl	03/2019	2					P59-P60
IGT10	Via Luigi Galvani n.5	IPOGEO Studio Geologico		2					P61-P62
IGT11	Via dell'Industria 3/A-3/B	GEO GROUP s.r.l.	05/2019			2			Ps1-Ps2
IGT12	P.zza Matteotti	Dott. Ing. Cristiano Tomasi	05/2020	3					P63-P64
IGT13	via Galileo Galilei n. 15	FAPA engineering srl	07/2020	1					P66
IGT14	via Galileo Galilei	IDROTECNA	07/2020	4					P67-P70
IGT15	via Galvani 3	GEOPLAN s.r.l.		3					P71-P73
IGT16	presso stabilimento Salchi Metalcoat	GEO GROUP S.R.L.	07/2020						
IGT17	via Verdi	Dott. Geol. Gianbattista Fianza	11/2020	3					P74-P76
IGT18	via Leopardi	IDROTECNA	05/2020	1					P77
IGT19	Via Meucci 1	GEOCONSULT	01/2022						
IGT20	via Primo Villa 10	Geotecno srl	02/2011	4					P78-P81
IGT21	via F. Turati	Studio Geologico Ballabio	12/2021	1					P82
IGT22	via Galileo Galilei n. 13	Geotest s.r.l.		6					P83-P88
IGT23	via Aldo Moro AT1	Fusina srl	02/2019						
IGT24	via Turati	ERA, Geol. Umberto Locati	12/2021	3					P89-P91
IGT25	via Caravaggio n. 24	Dott. Geol. Alessandro Ratazzi	03/2022	2					P92-P93
IGT26	via E. Fermi n. 1	Dott. Geol. Alessandro Ratazzi	01/2022	6					P94-P99
IGT27	stabilimento Salchi Metalcoat	GEOGROUP	07/2021	6	14			2	P100-P105, S1-S2, Pforo1-14
IGT28	via E. Fermi n.1	Dott. Geol. Alessandro Ratazzi	09/2021					3	S3-S5
IGT29	Banca Dati Geologica del Sottosuolo	Geoportale Lombardia	12/2023	39				3	P106-P144, S6-S7-S8

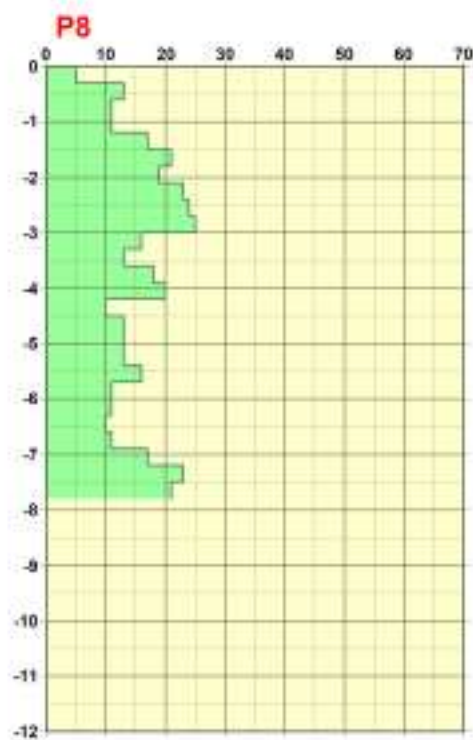
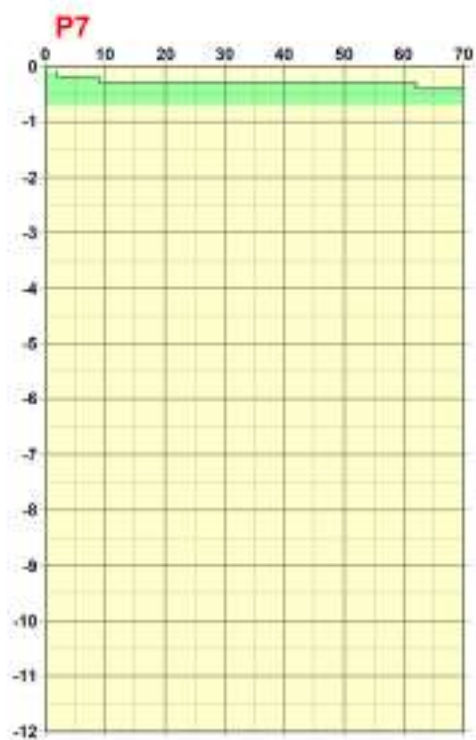
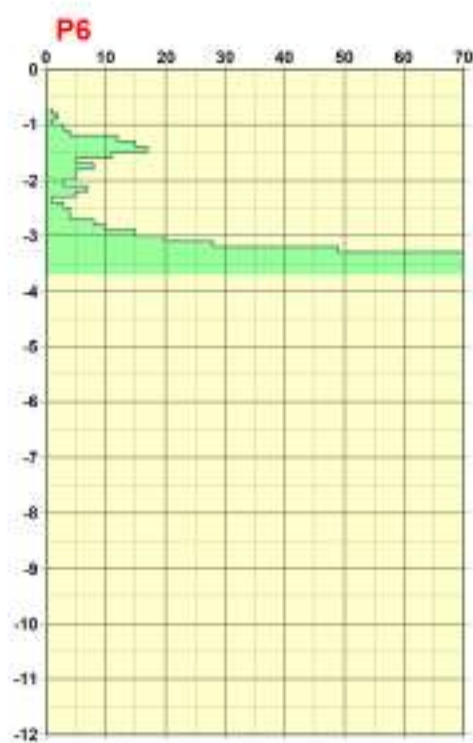
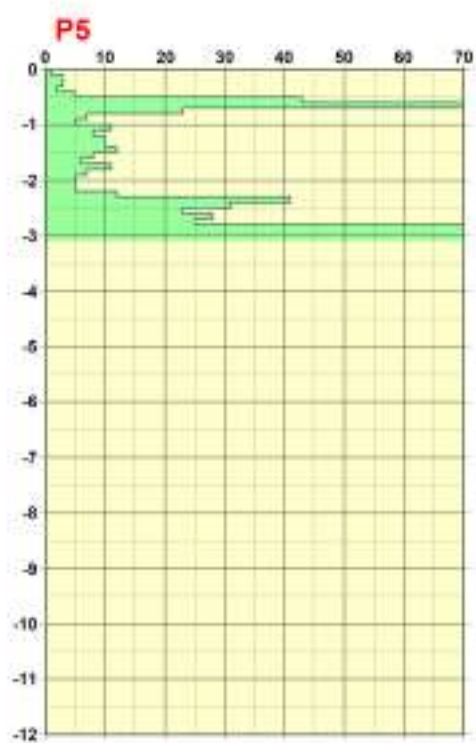


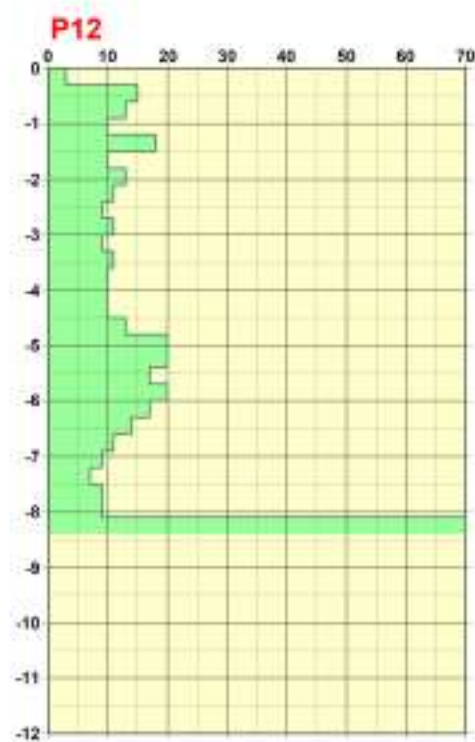
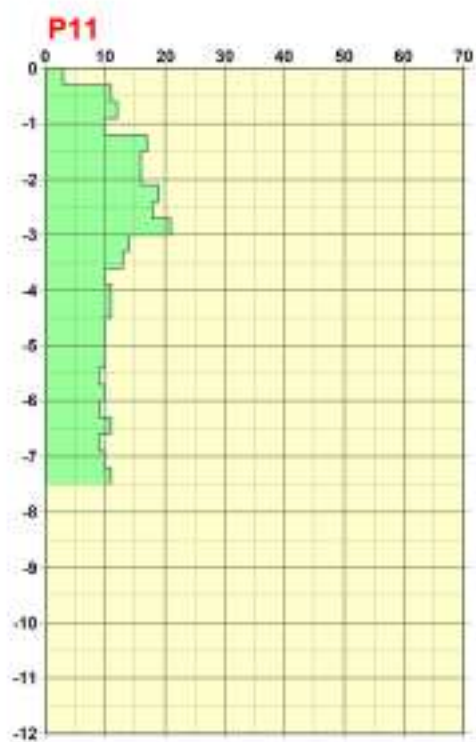
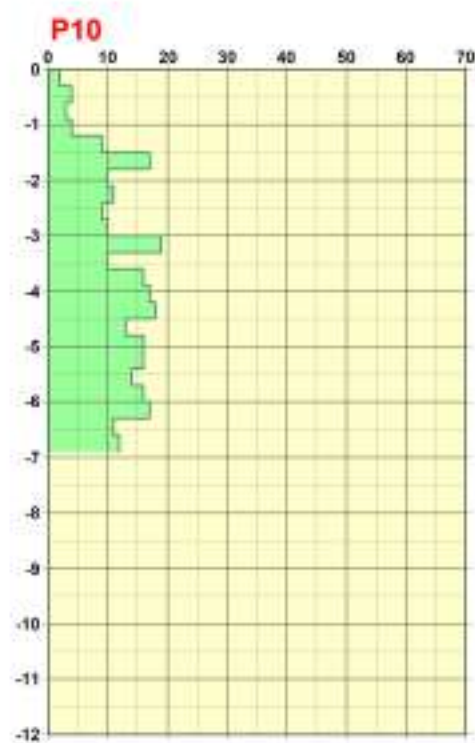
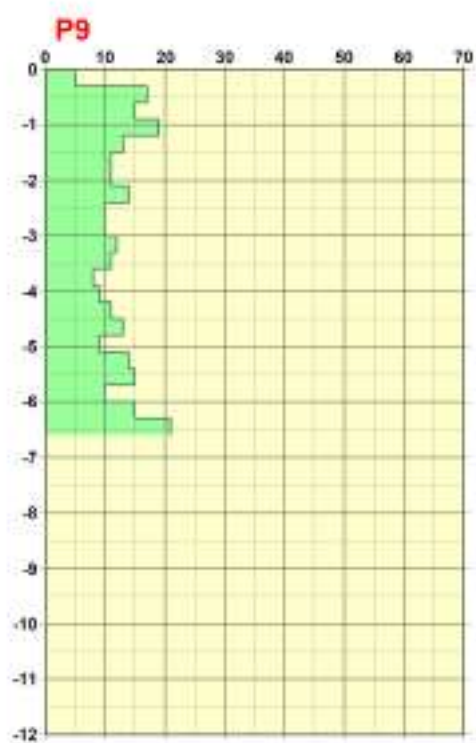
Parte 1

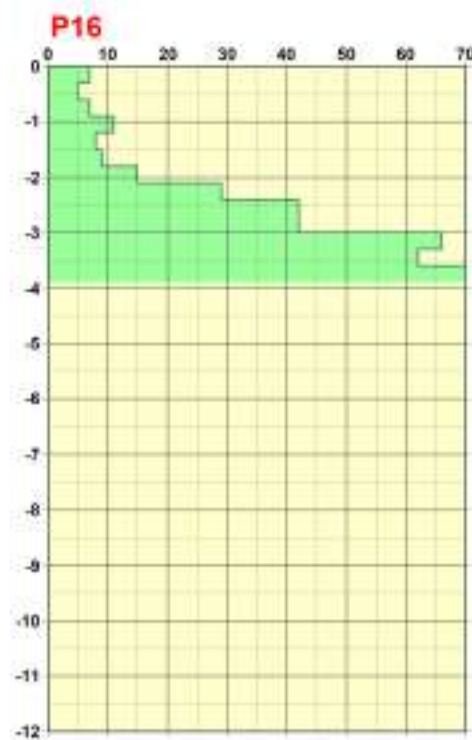
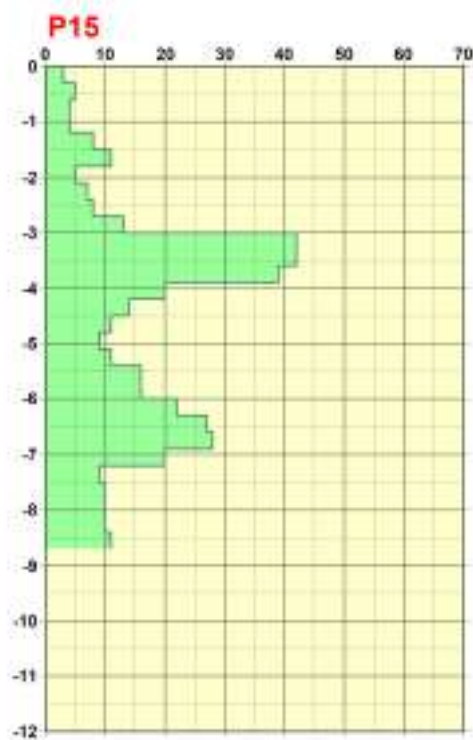
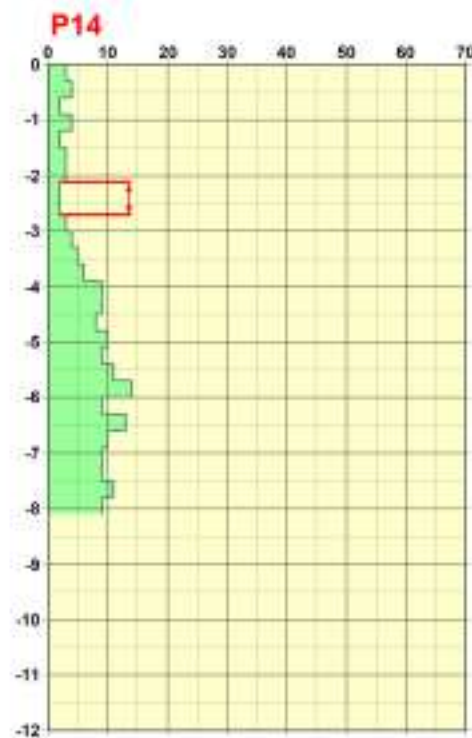
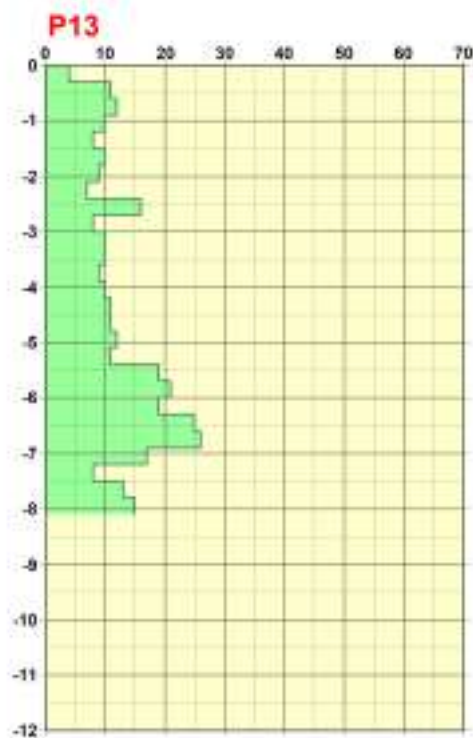
PROVE PENETROMETRICHE DINAMICHE

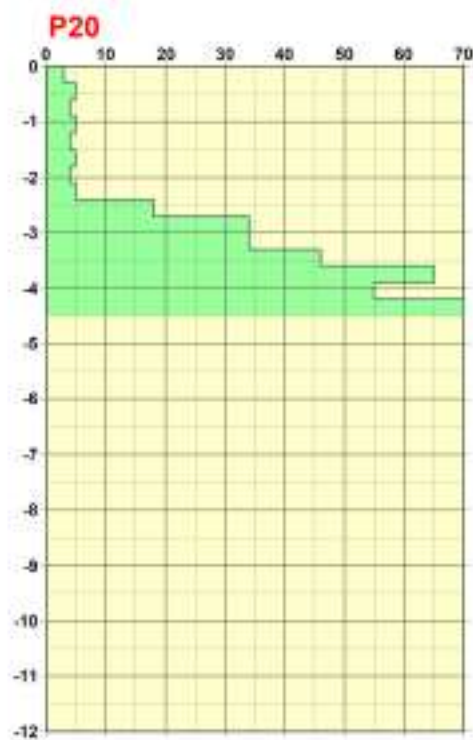
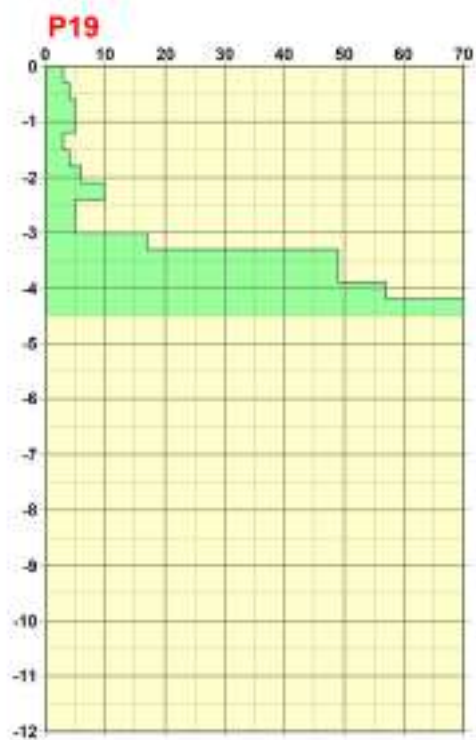
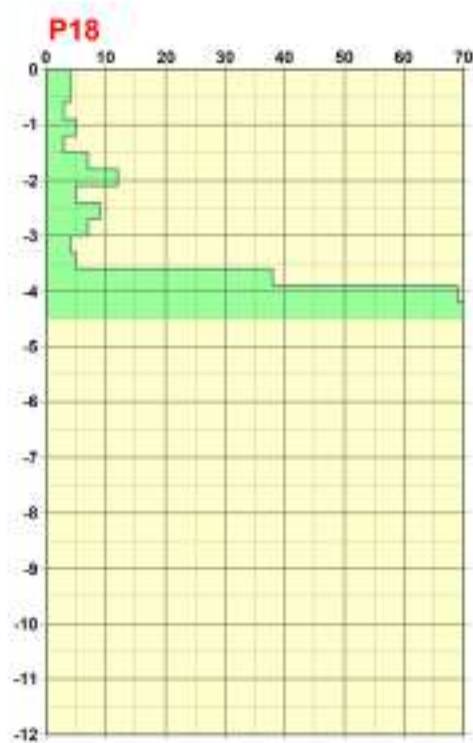
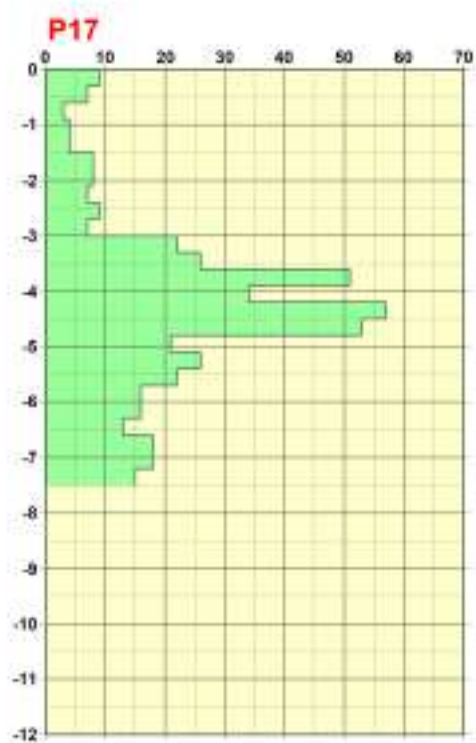


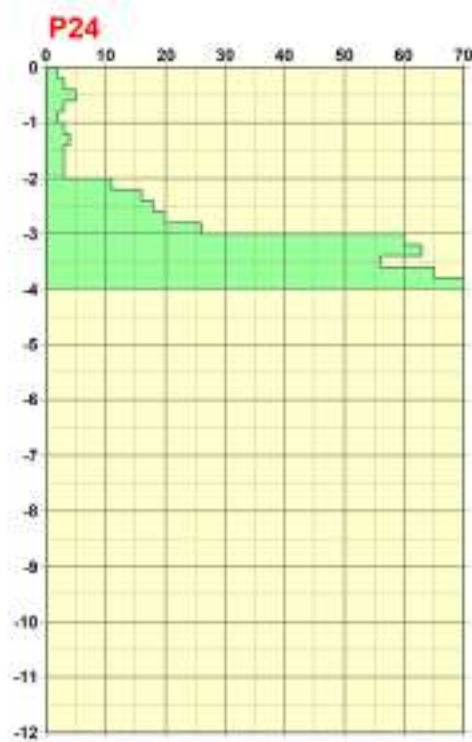
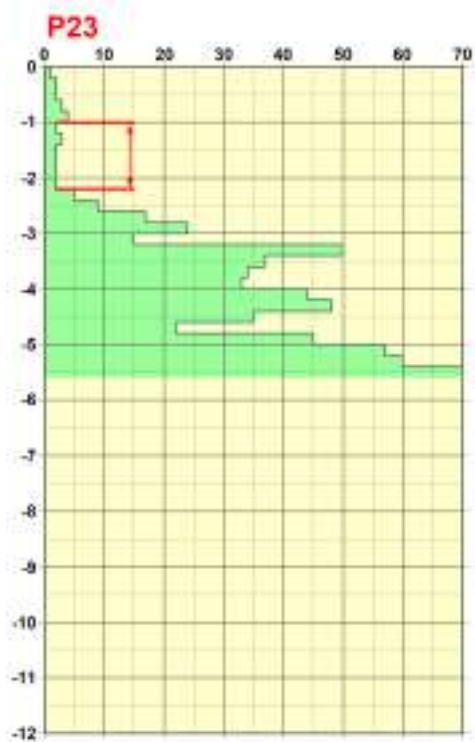
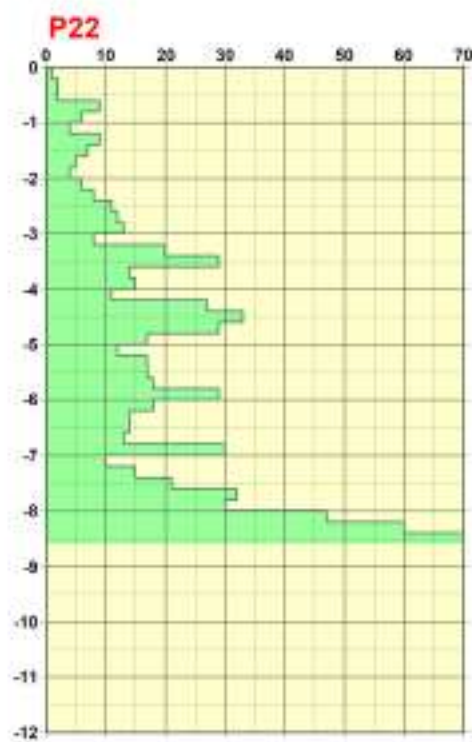
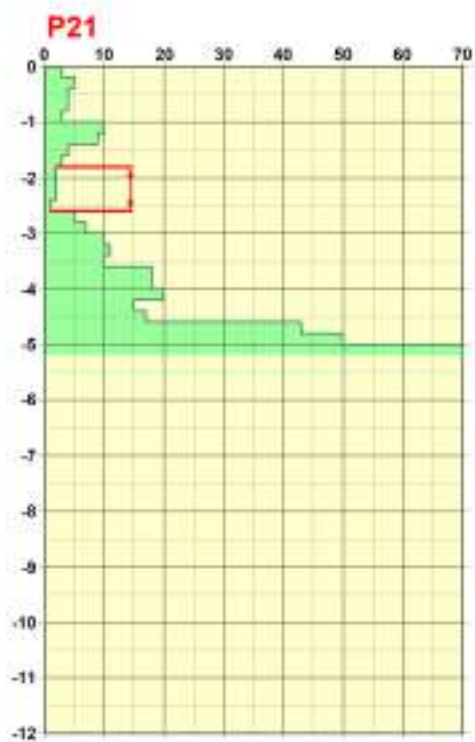


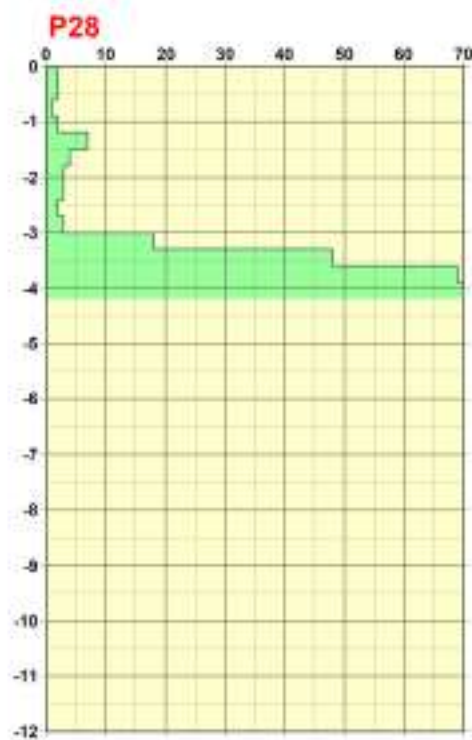
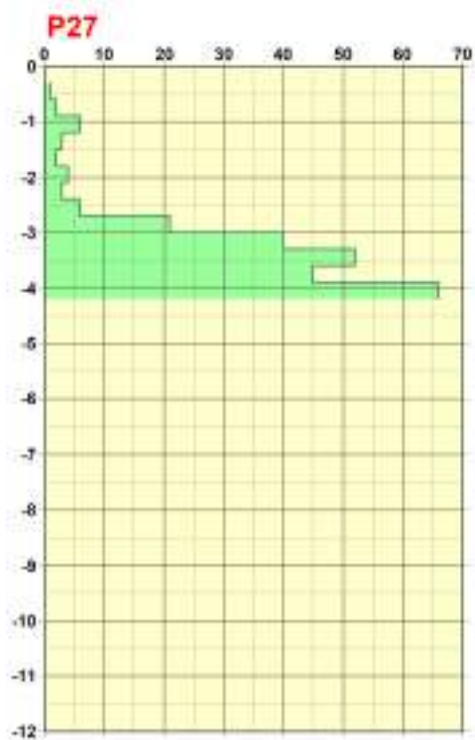
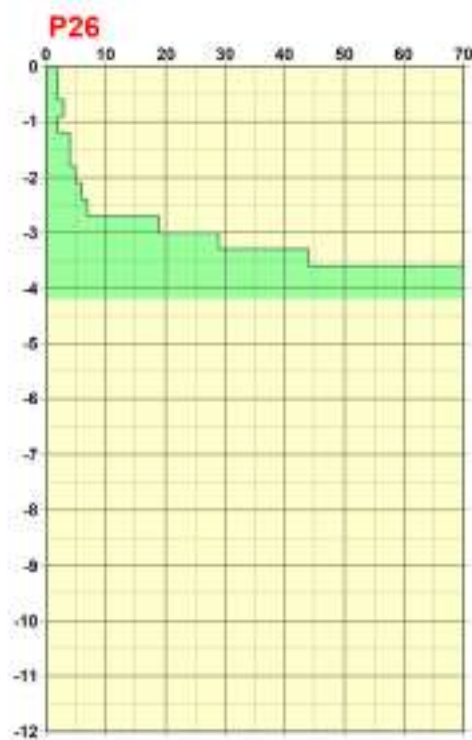
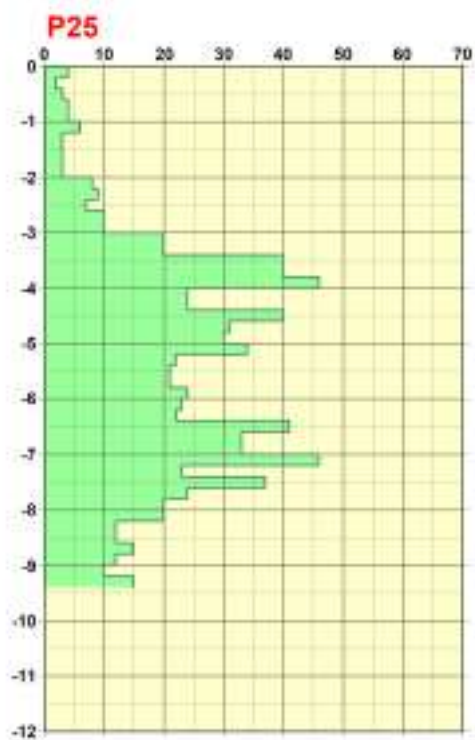


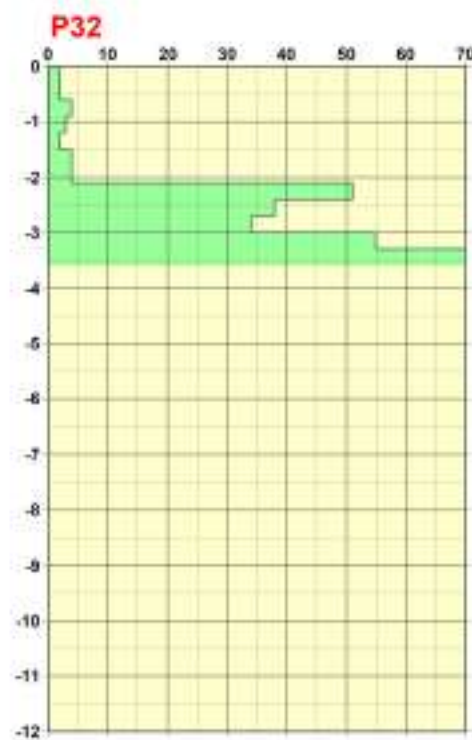
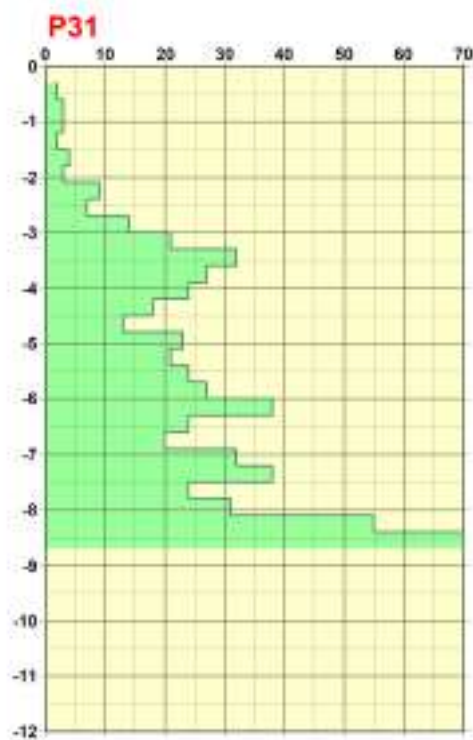
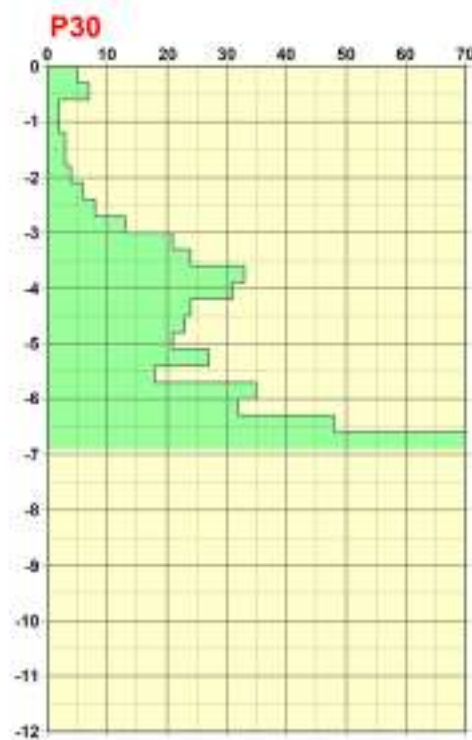
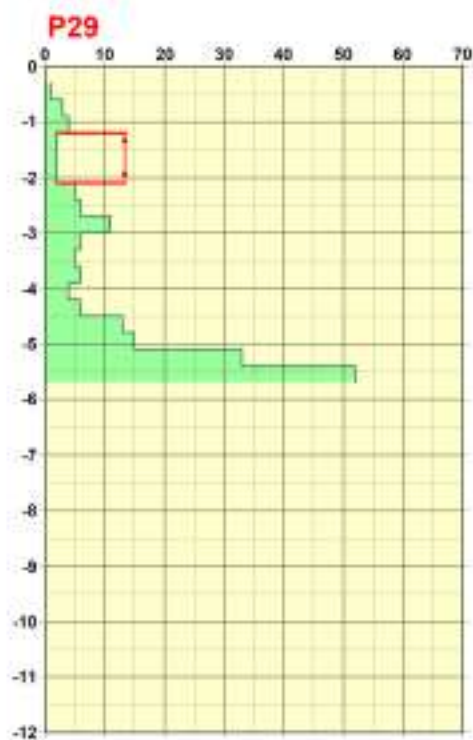


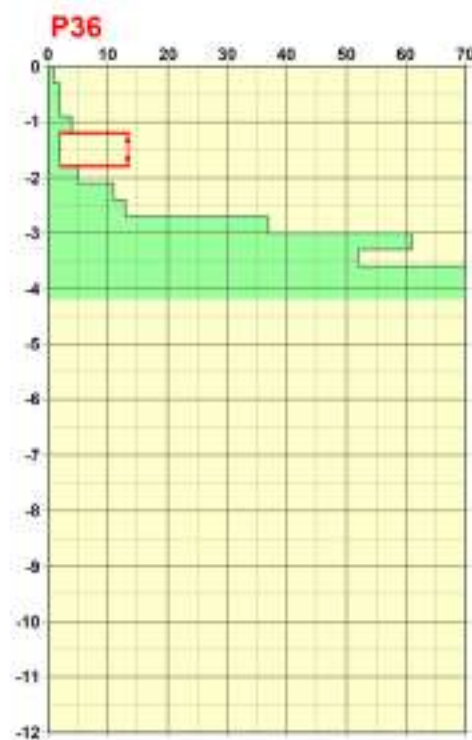
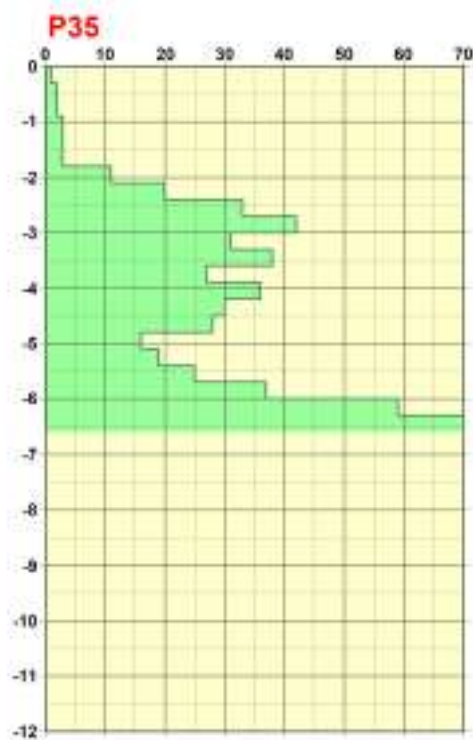
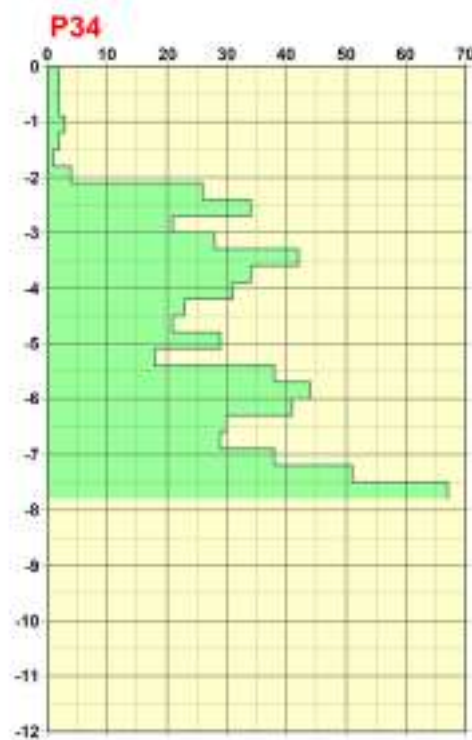
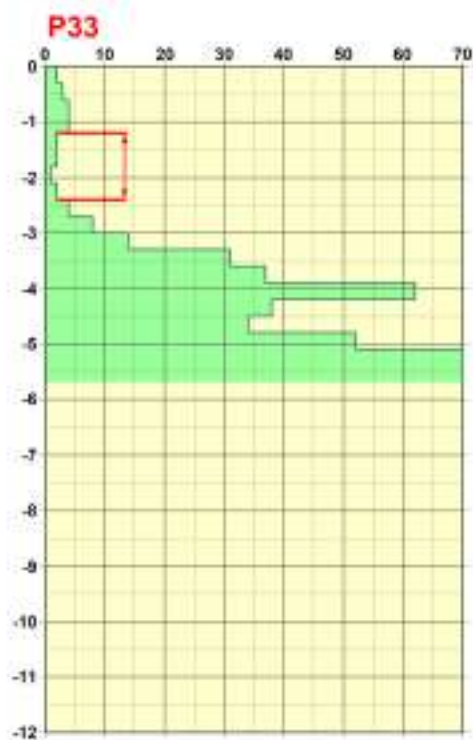


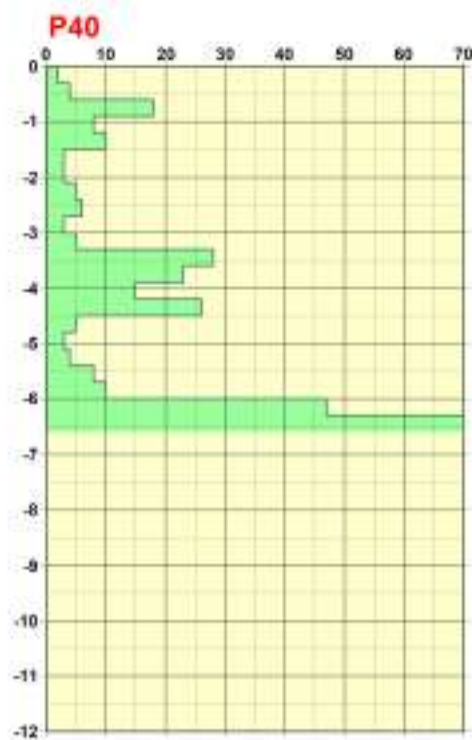
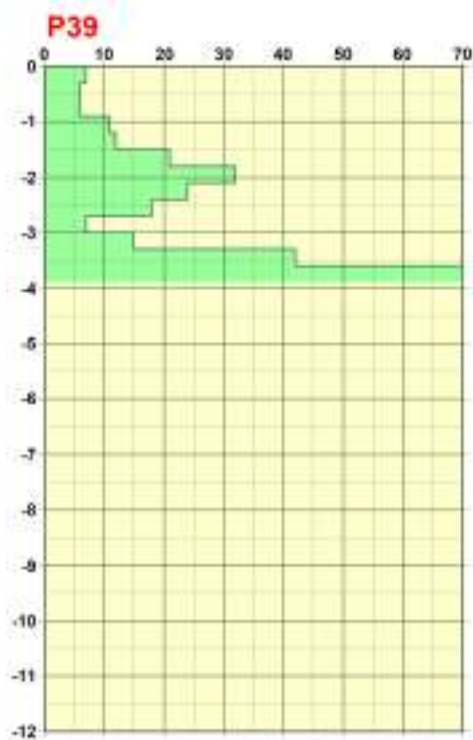
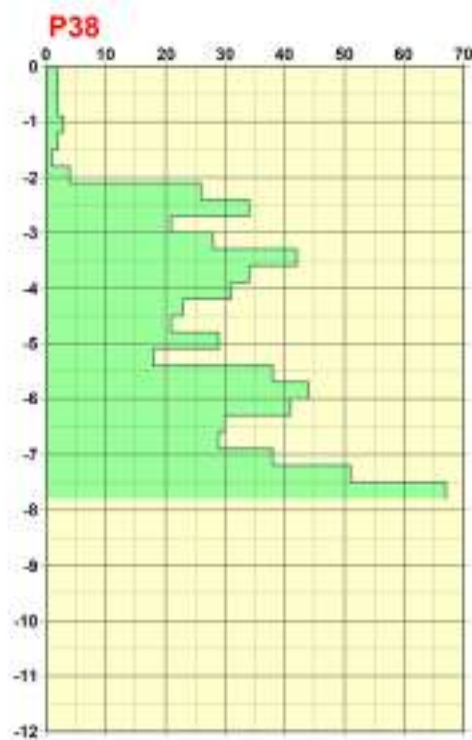
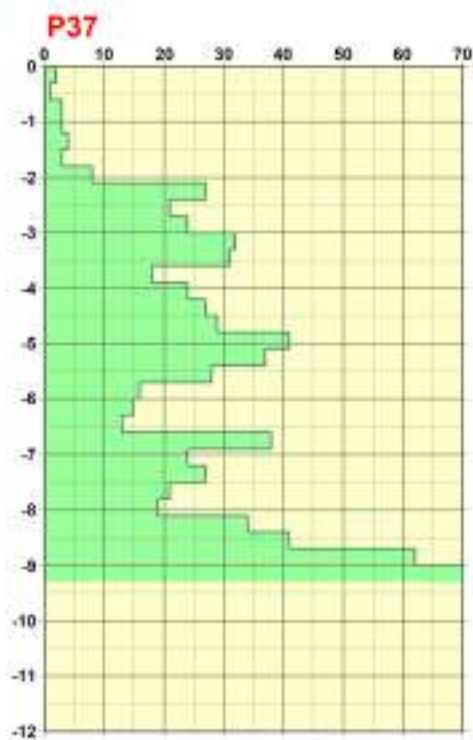


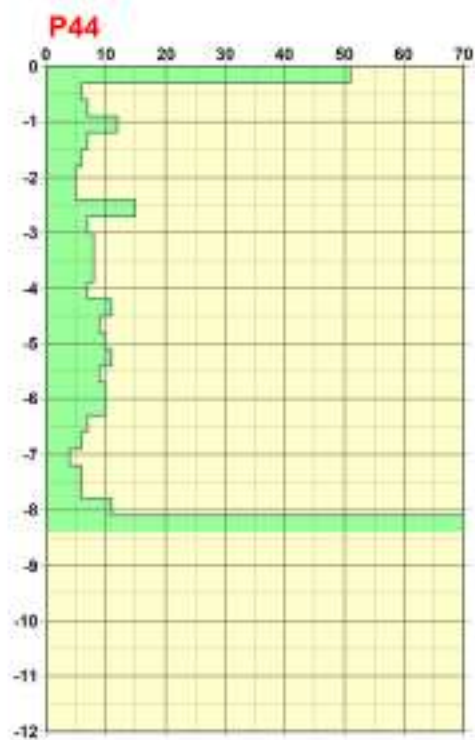
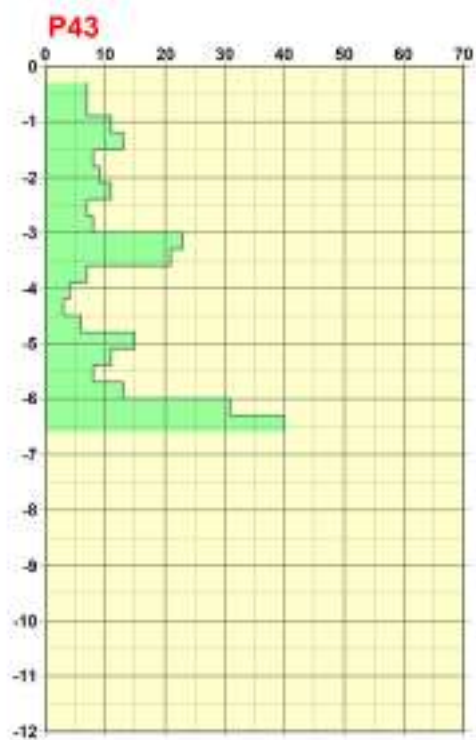
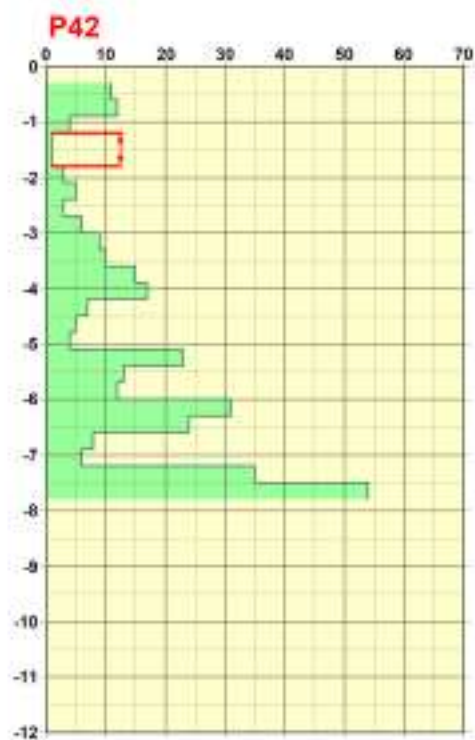
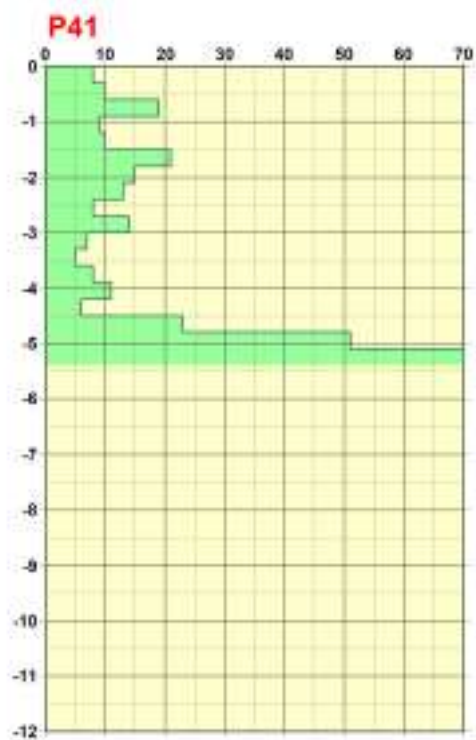


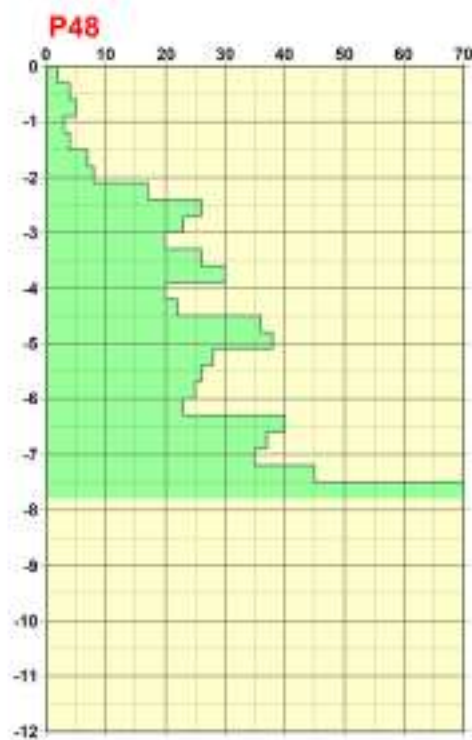
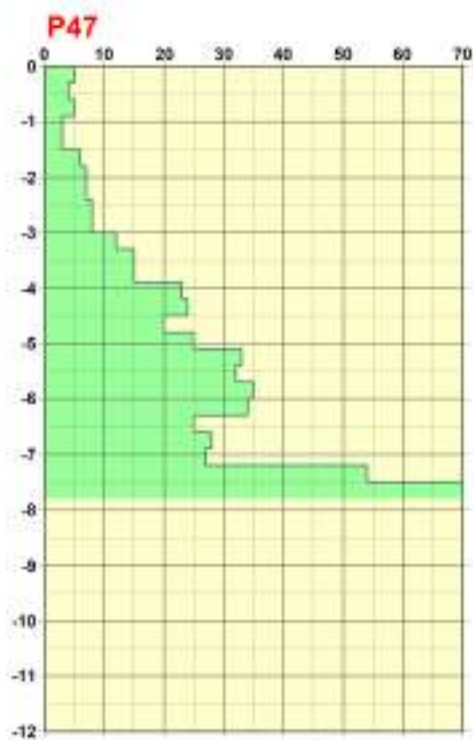
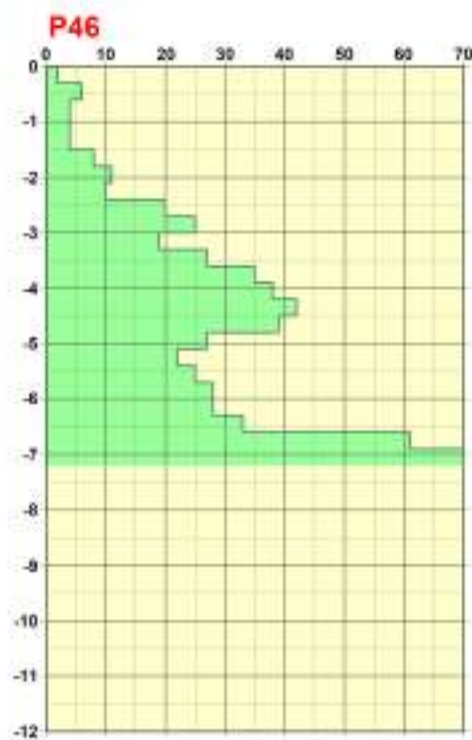
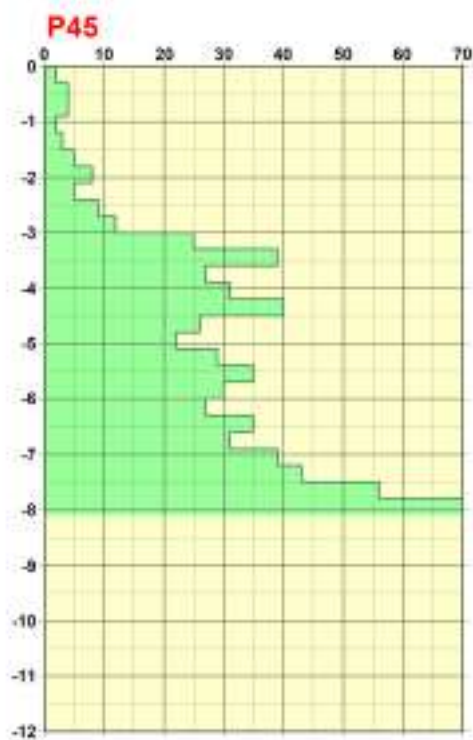


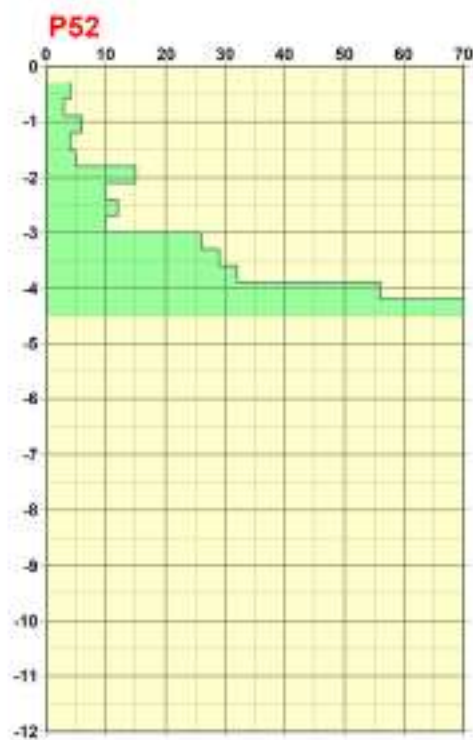
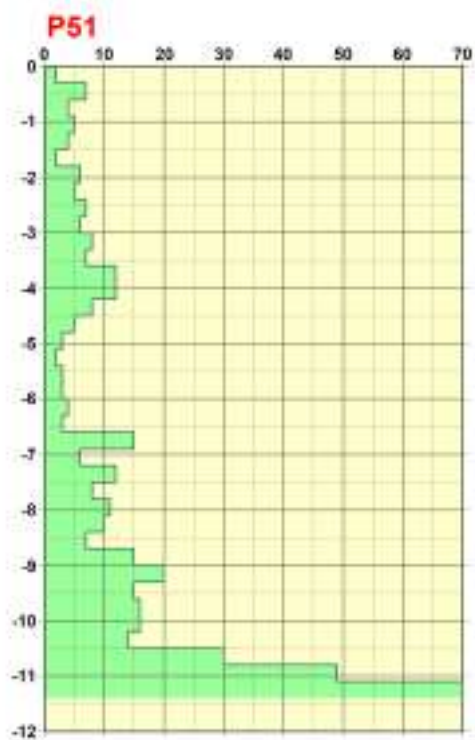
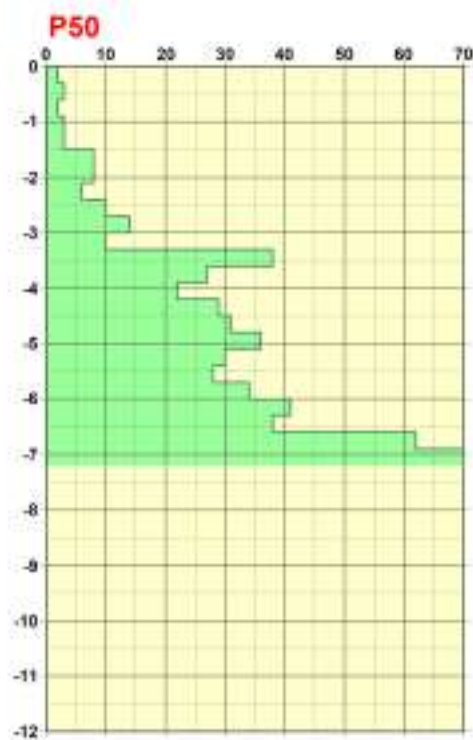
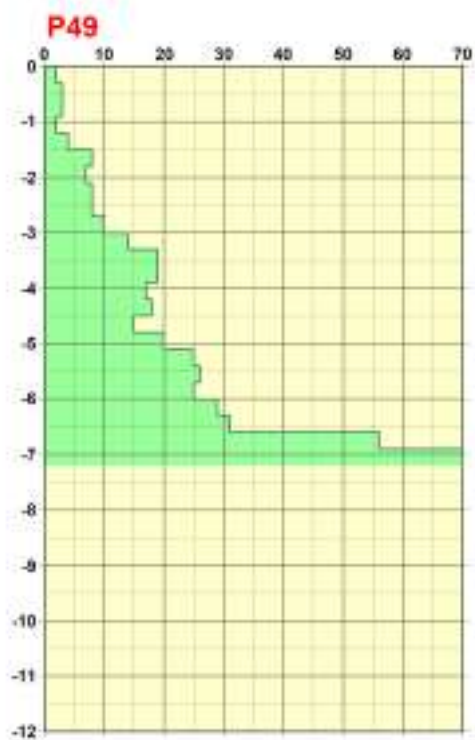


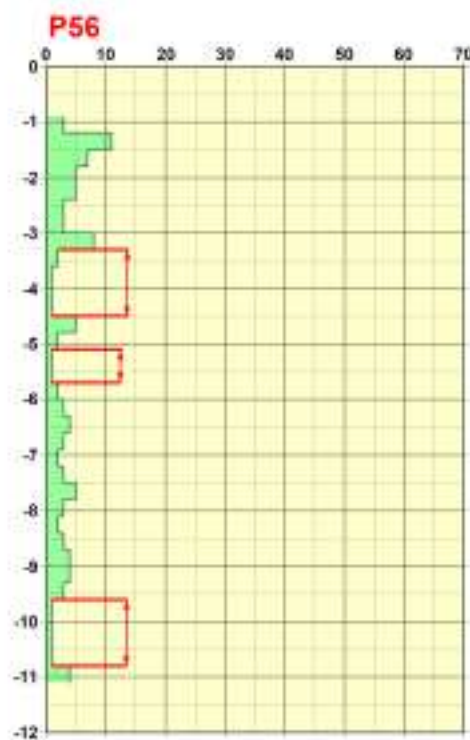
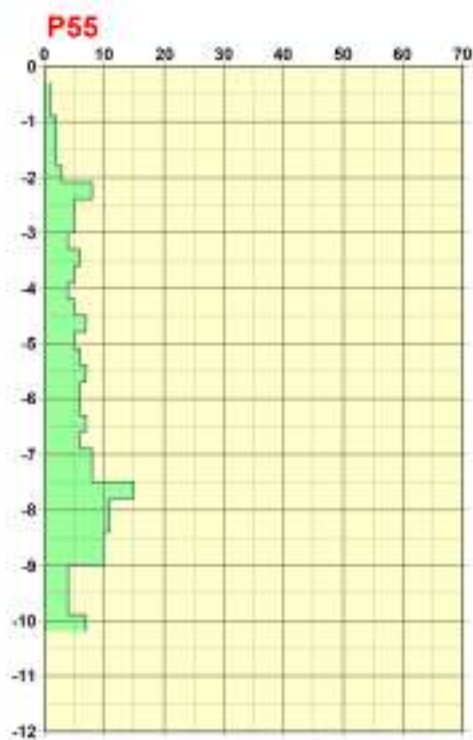
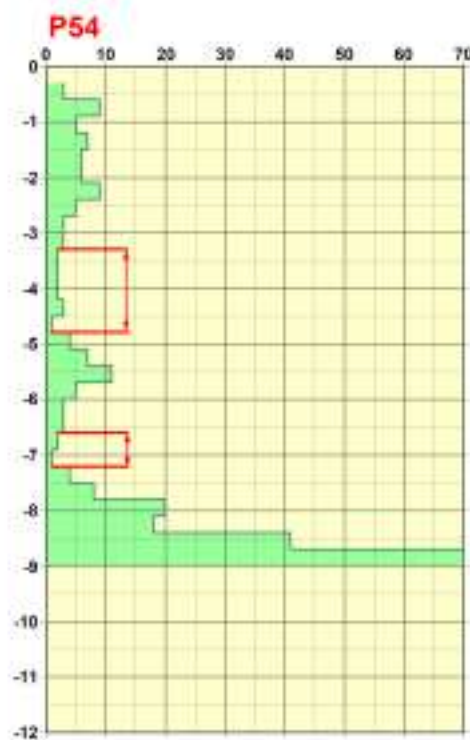
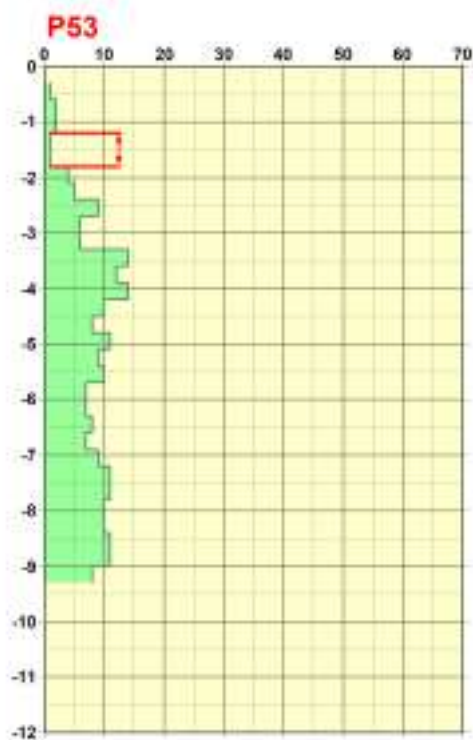


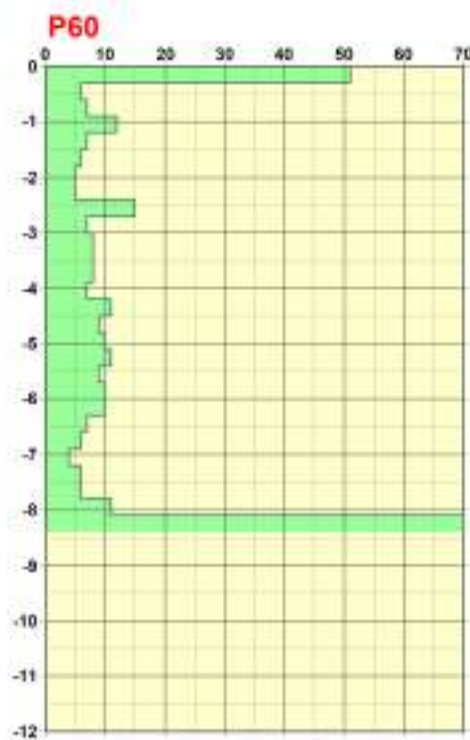
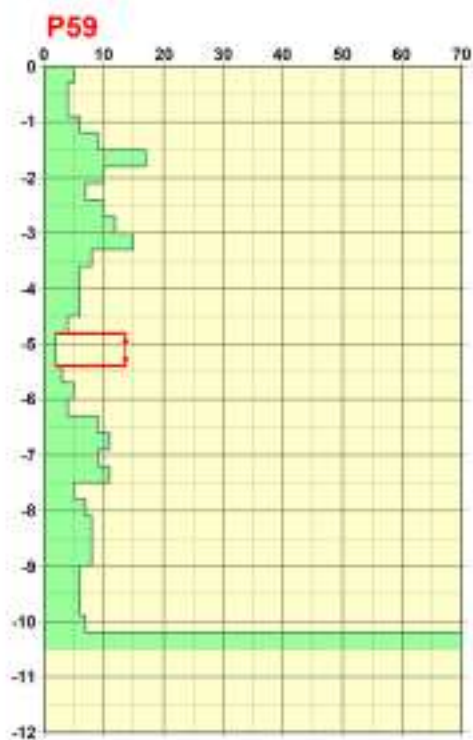
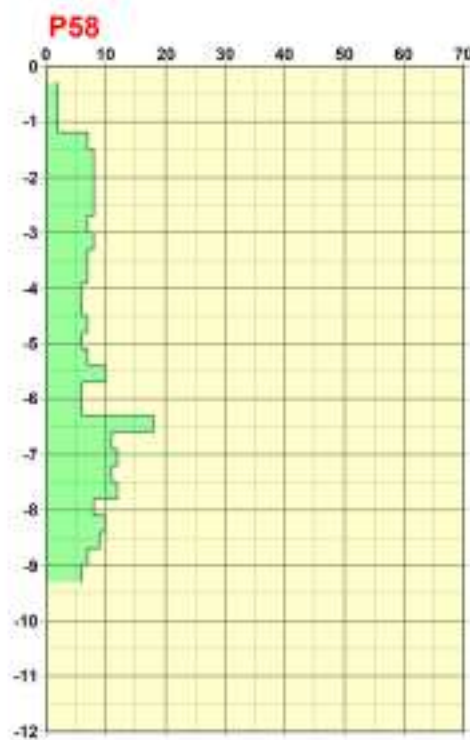
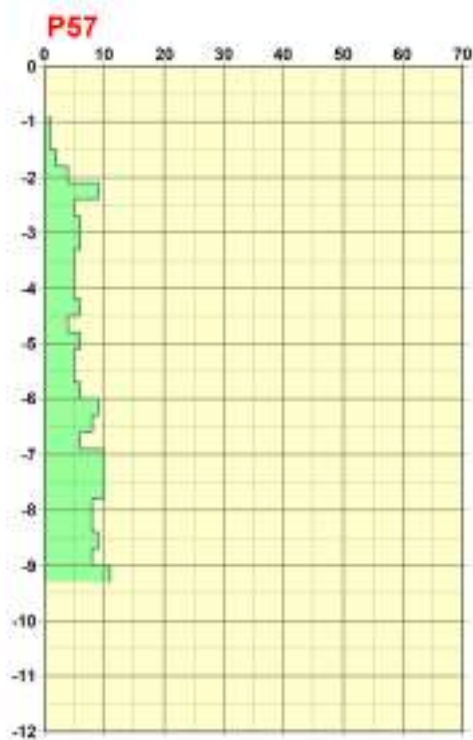


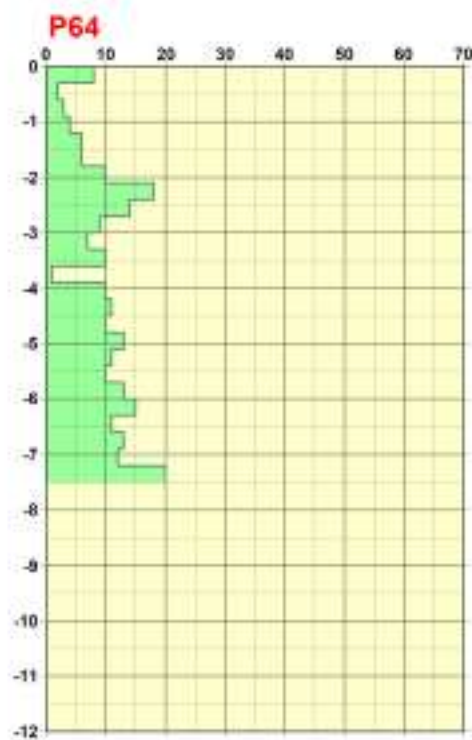
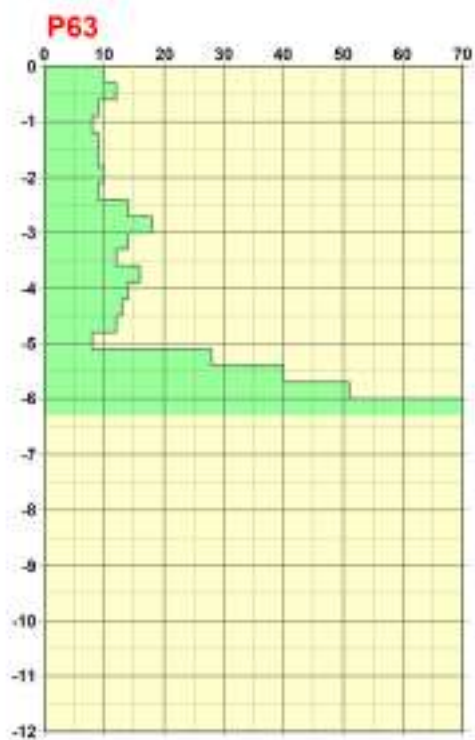
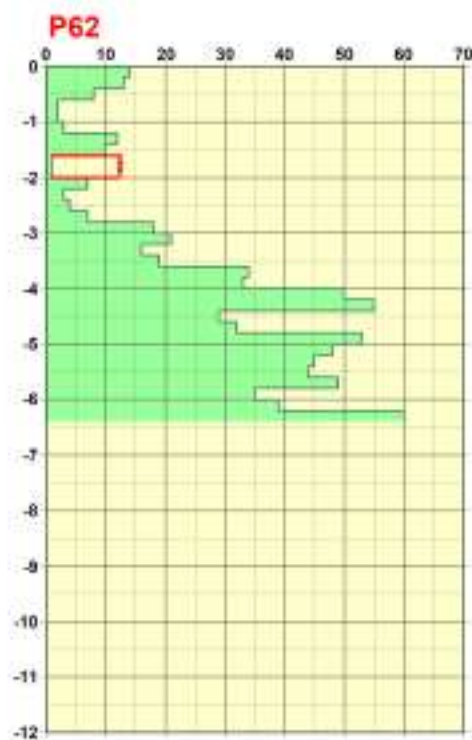
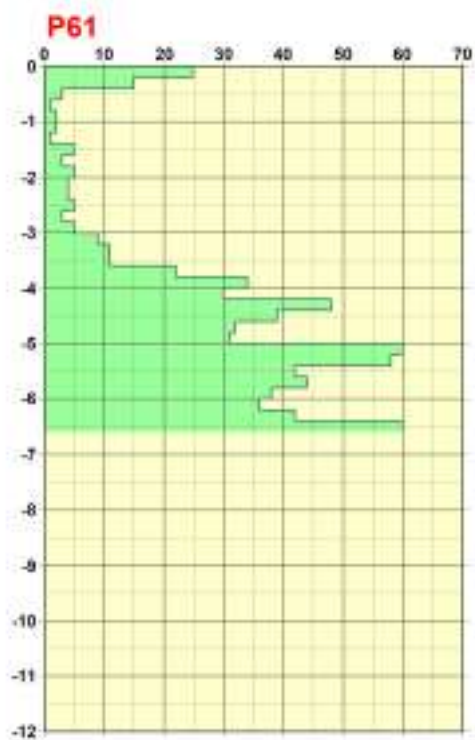


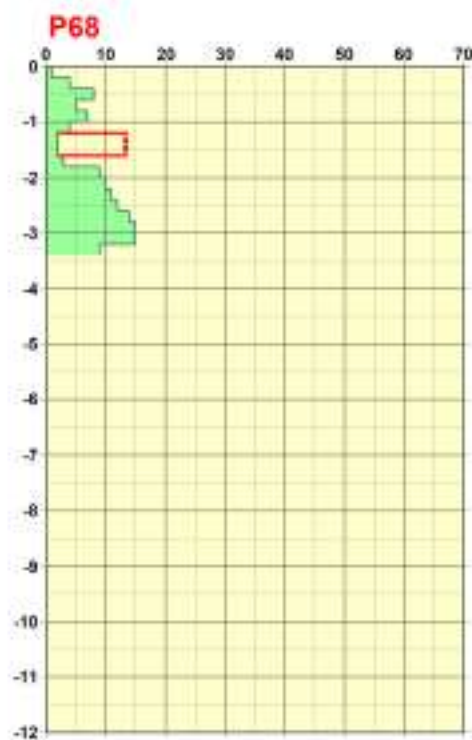
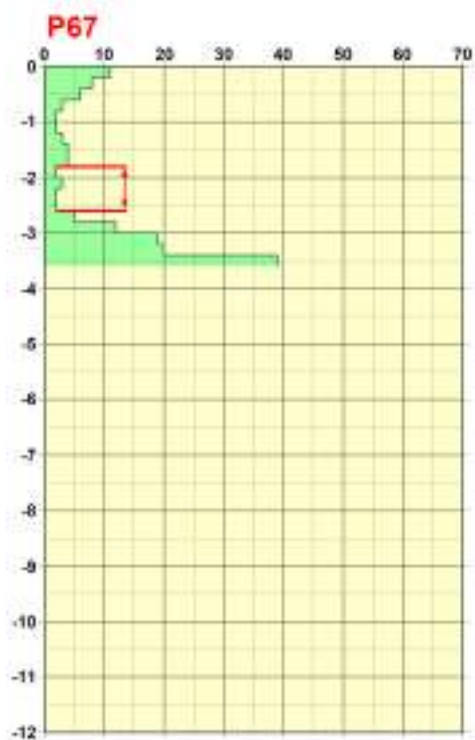
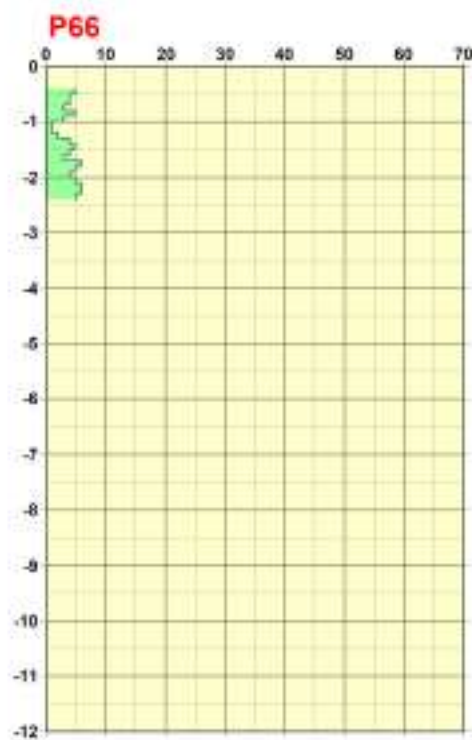
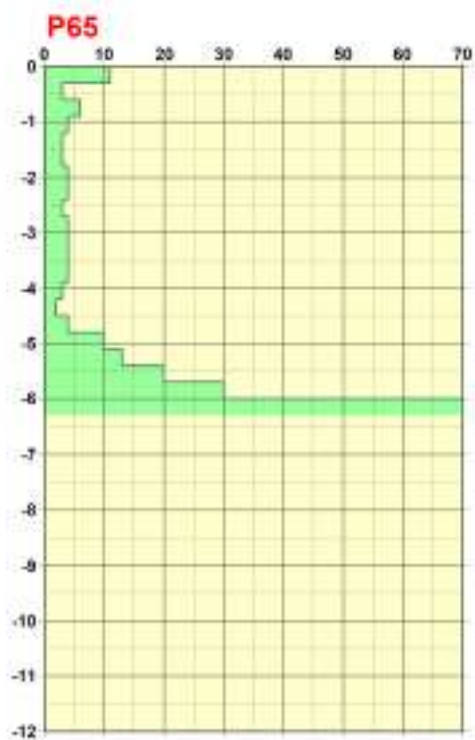


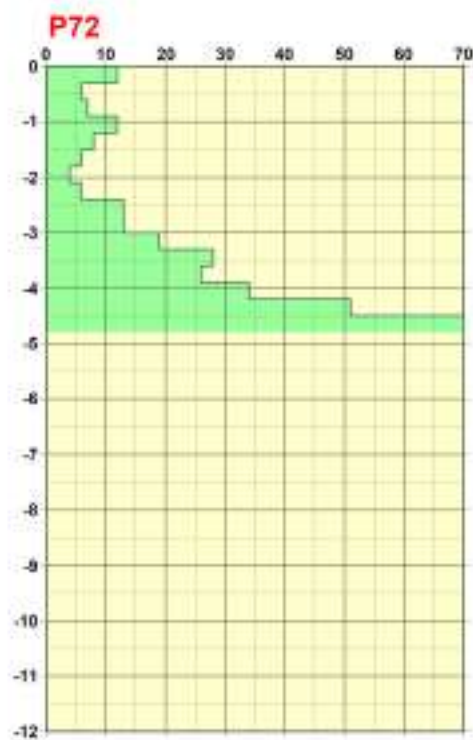
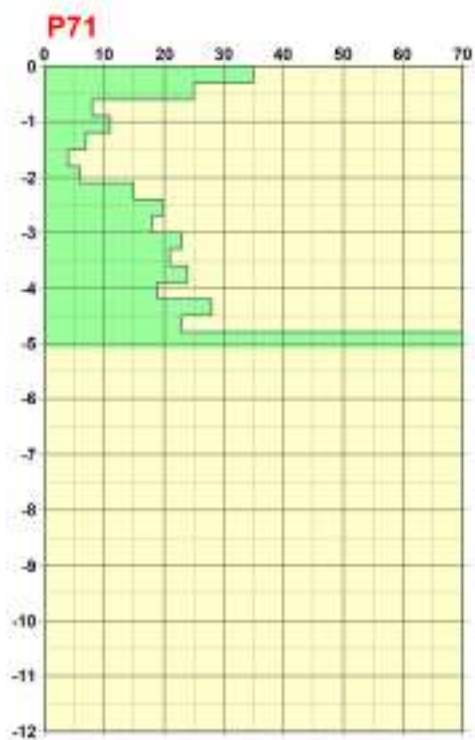
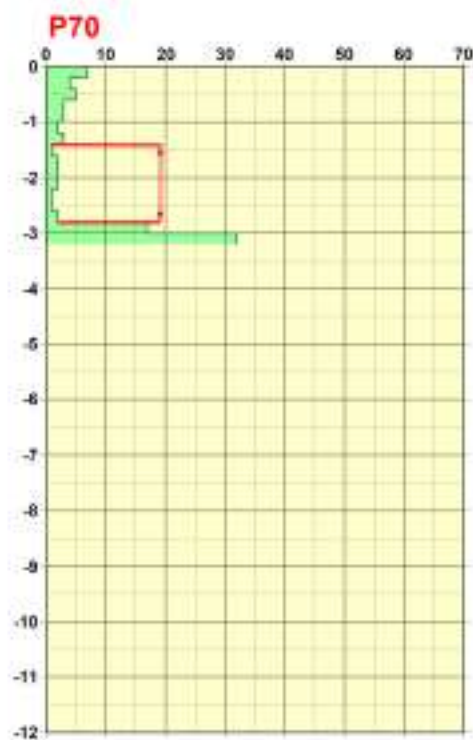
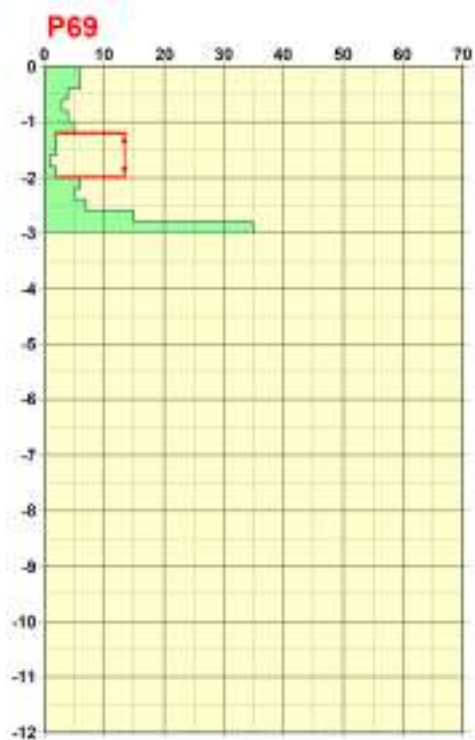


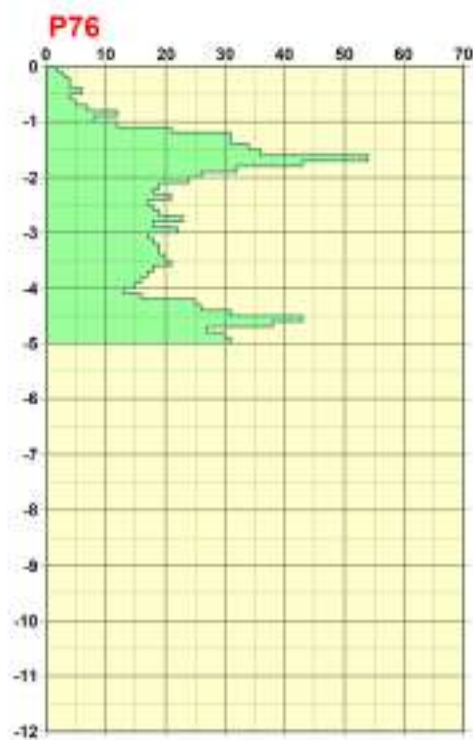
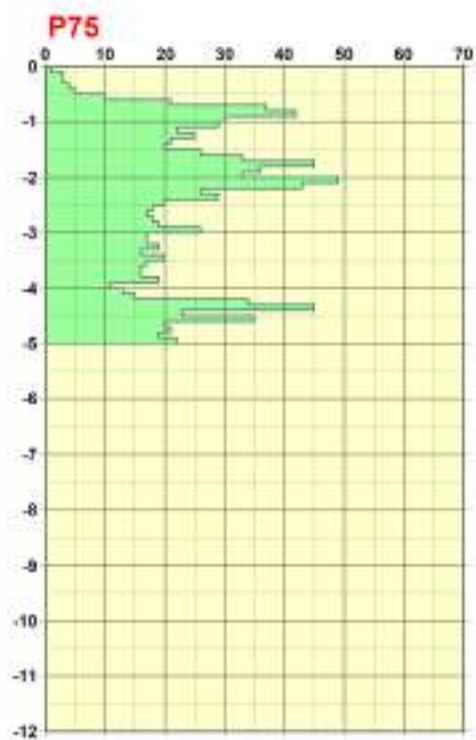
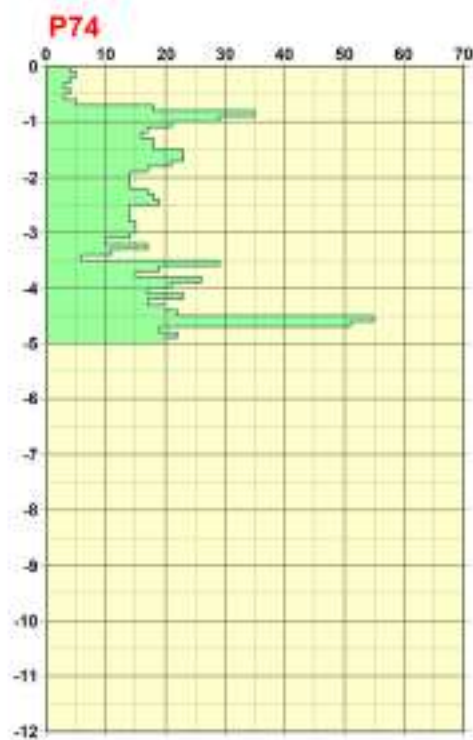
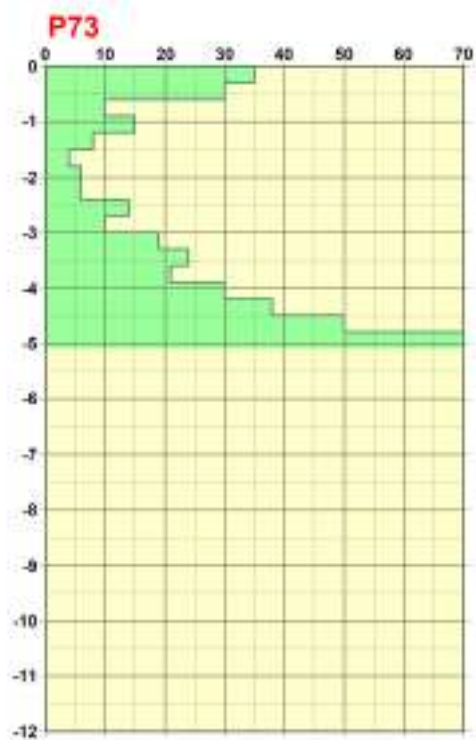


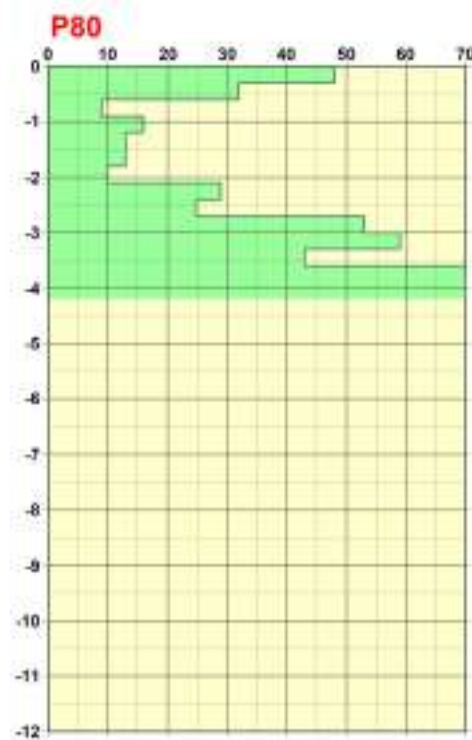
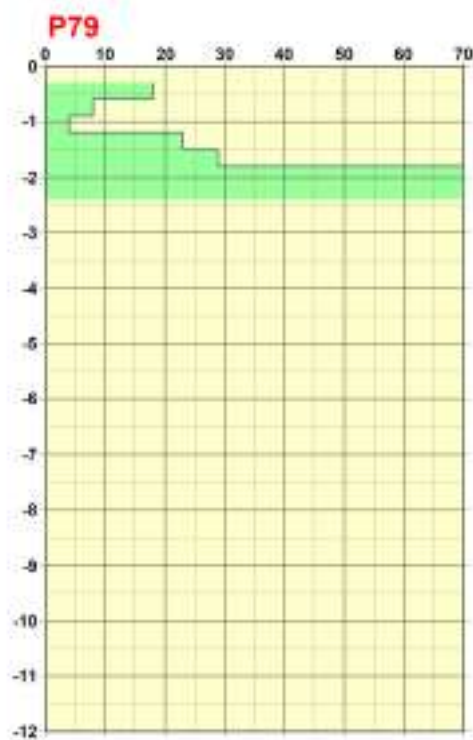
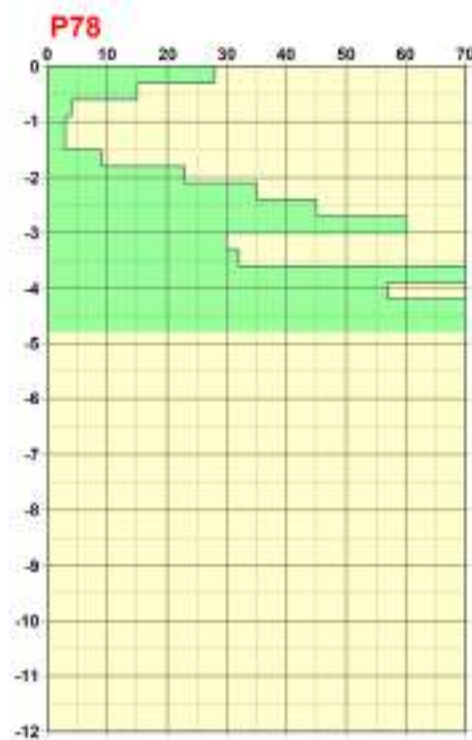
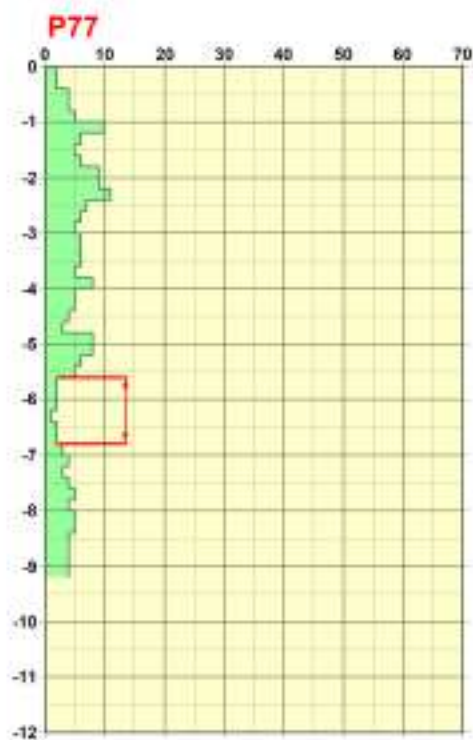


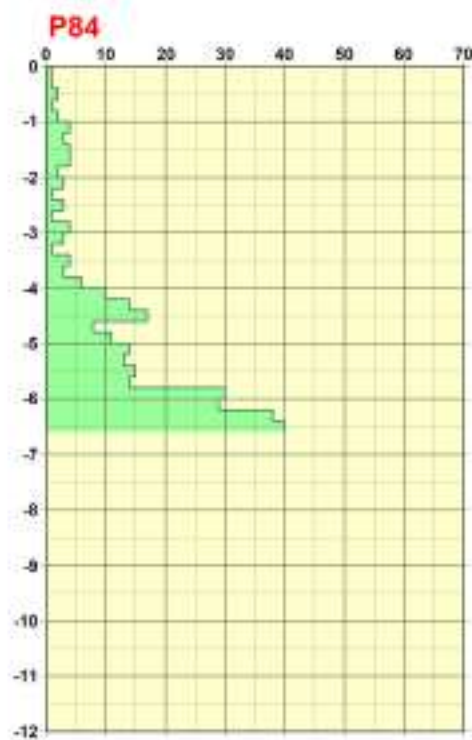
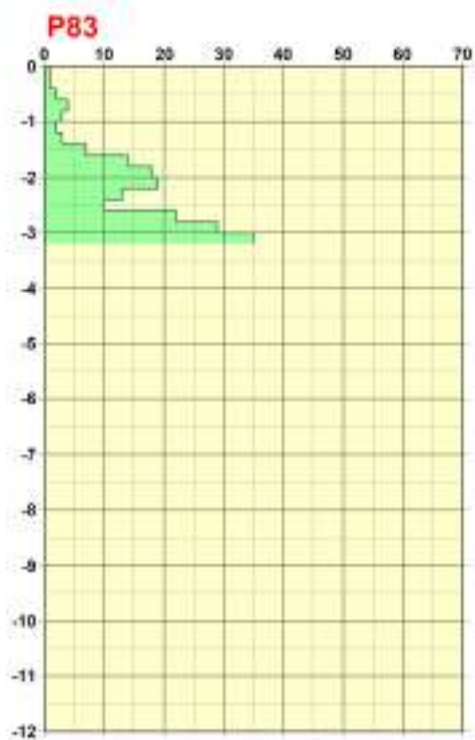
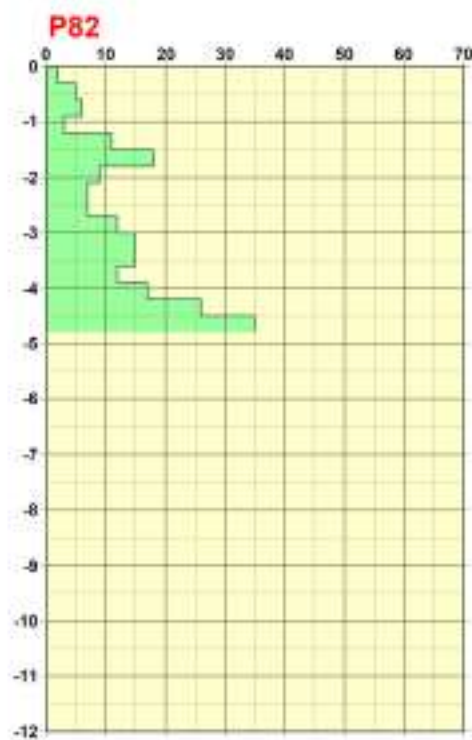
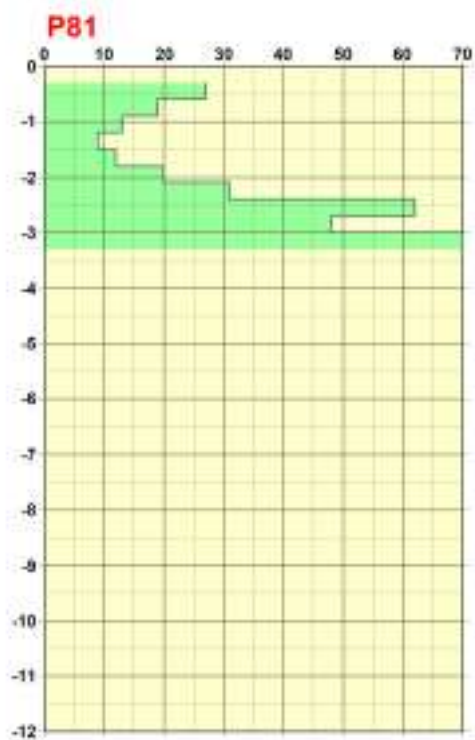


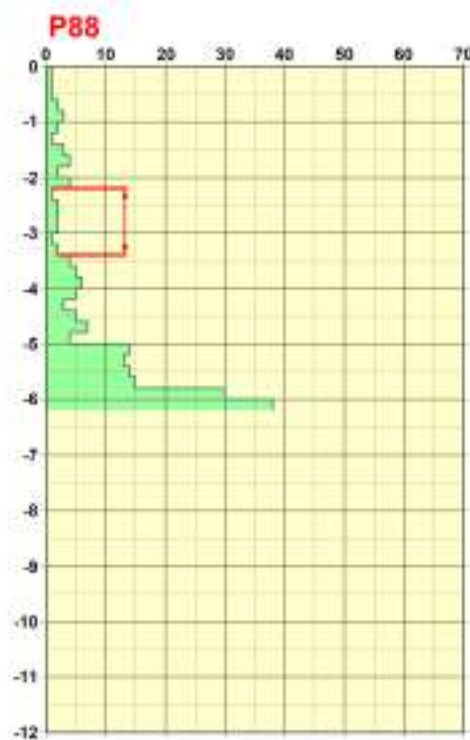
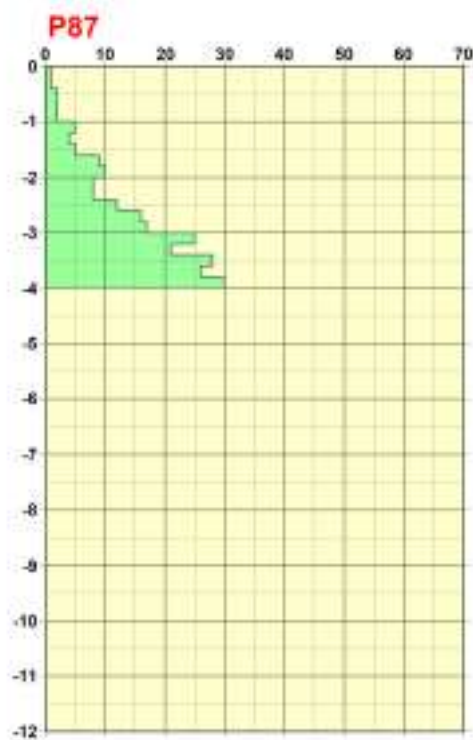
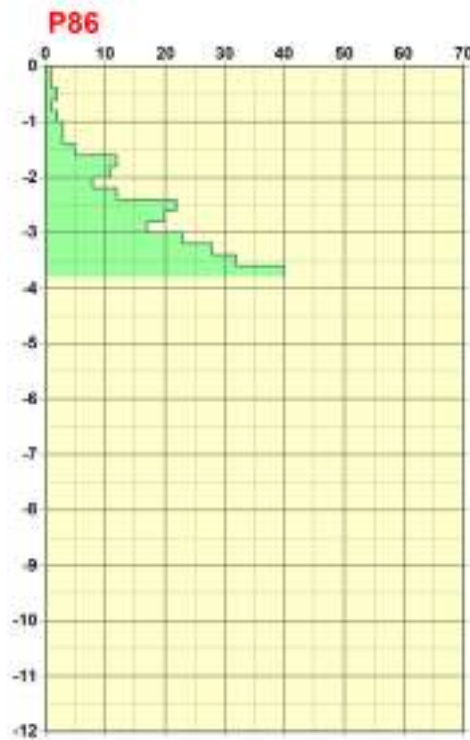
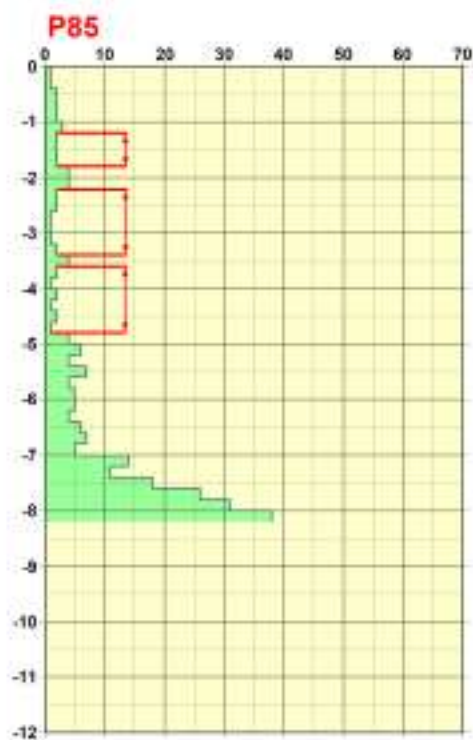


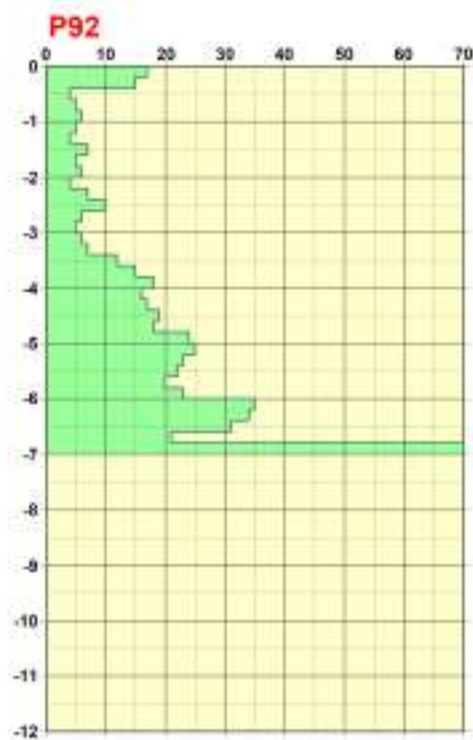
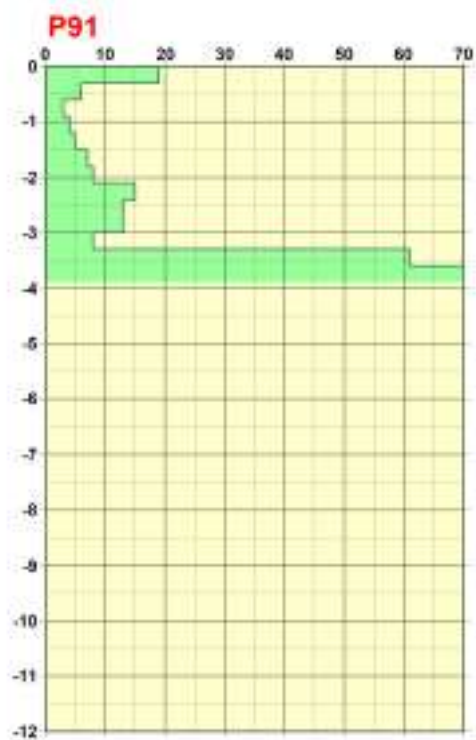
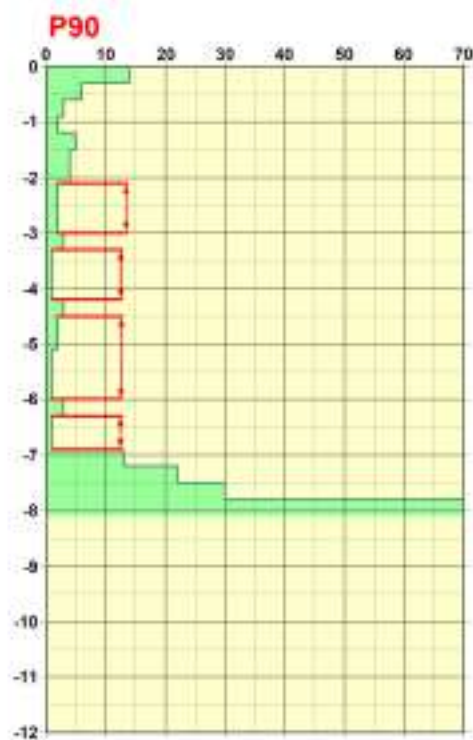
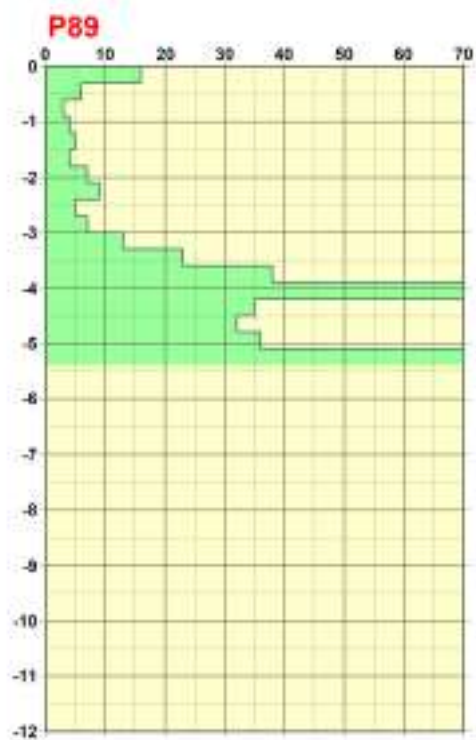


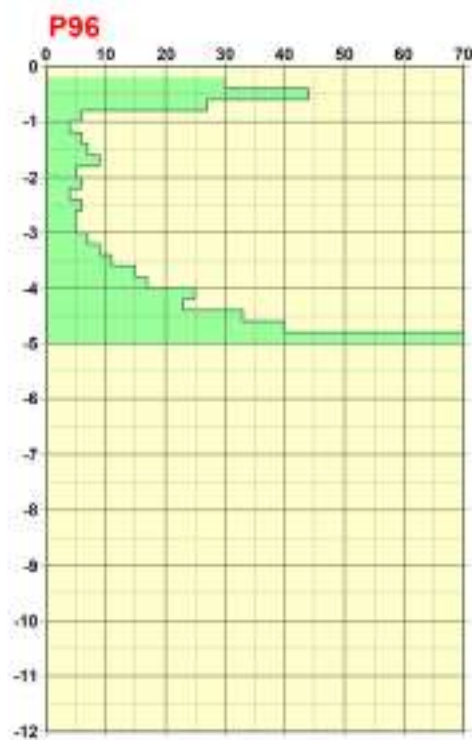
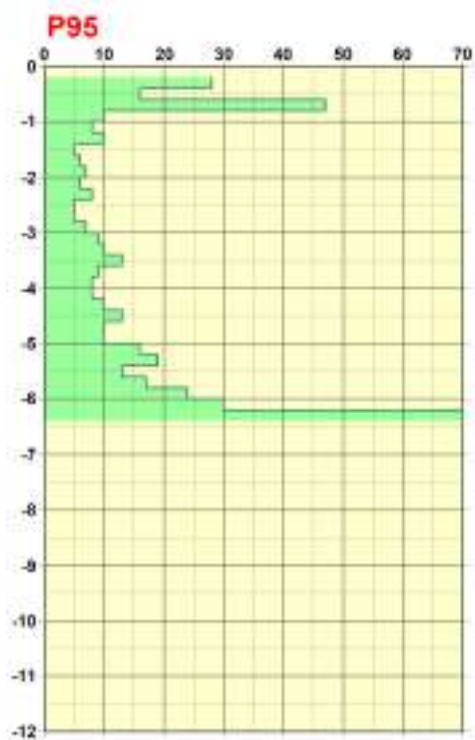
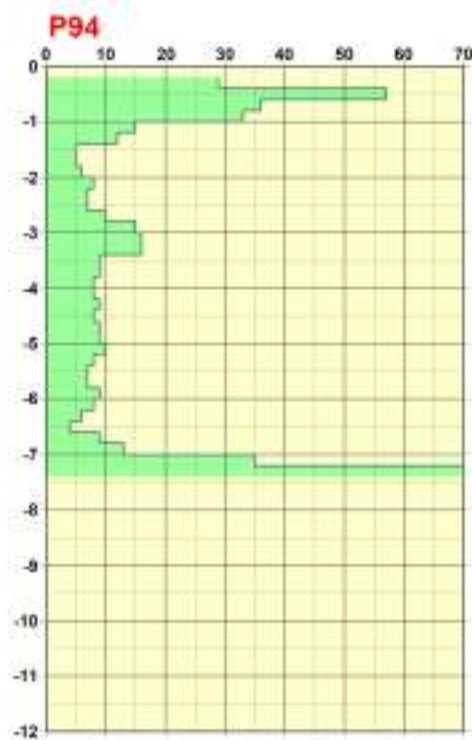
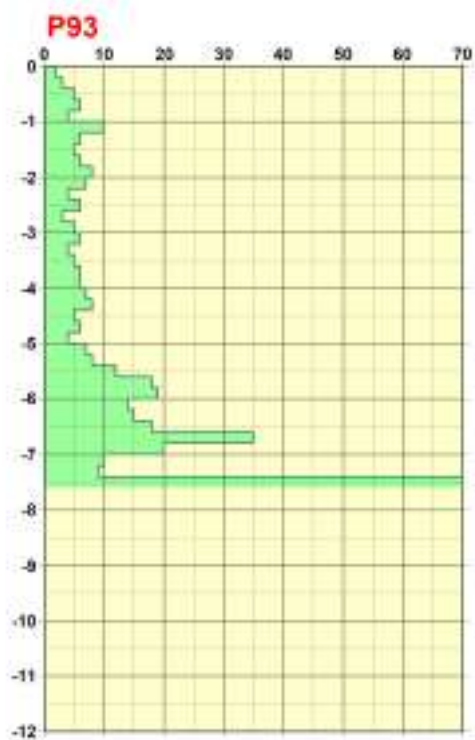


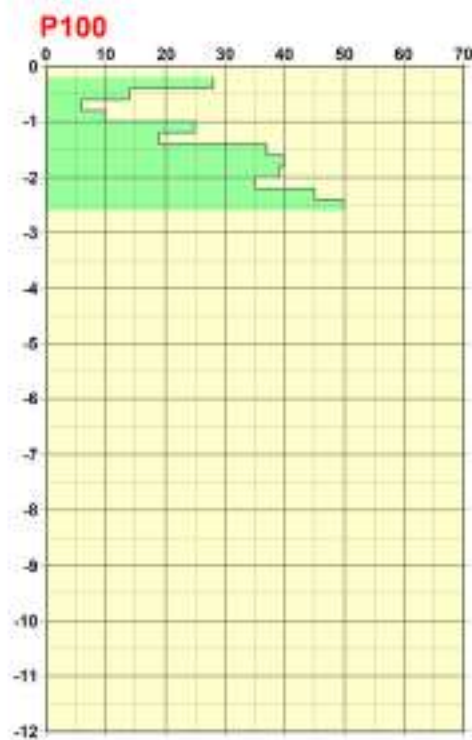
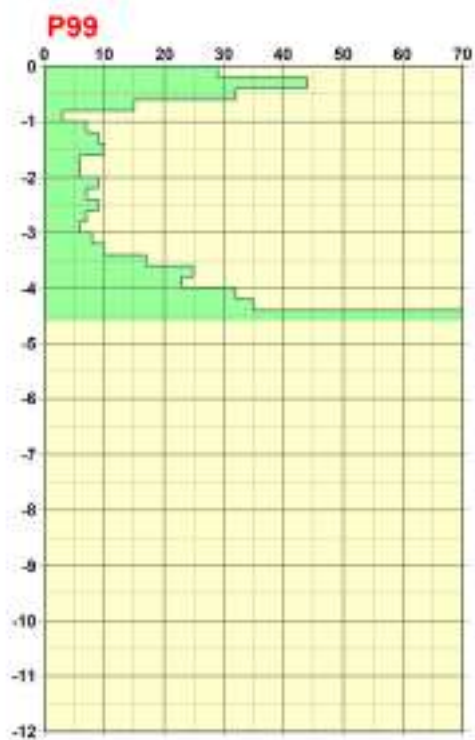
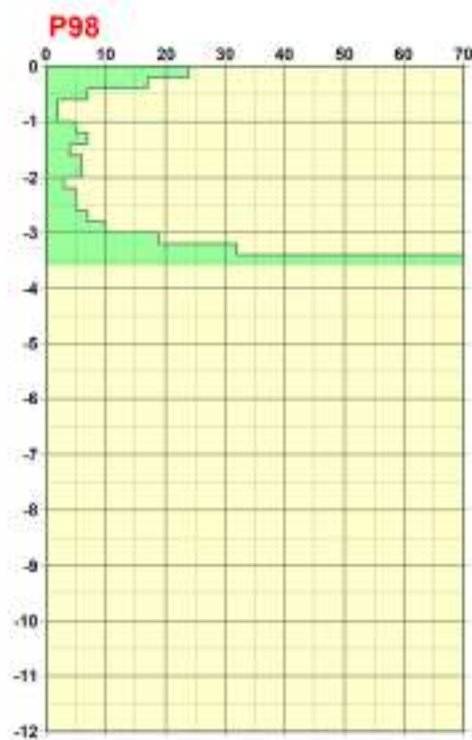
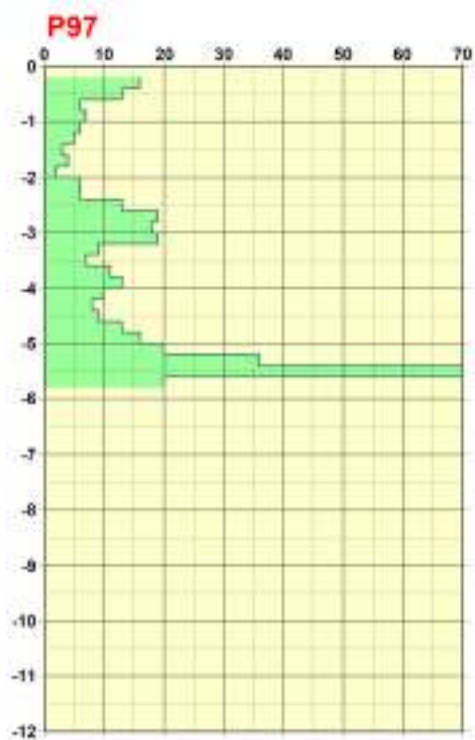


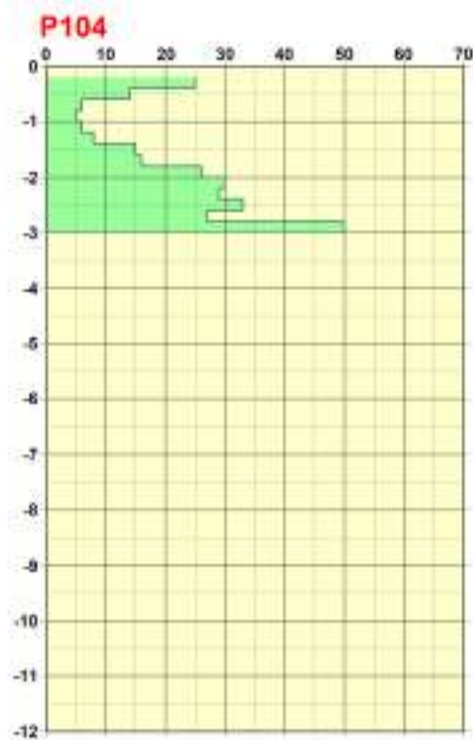
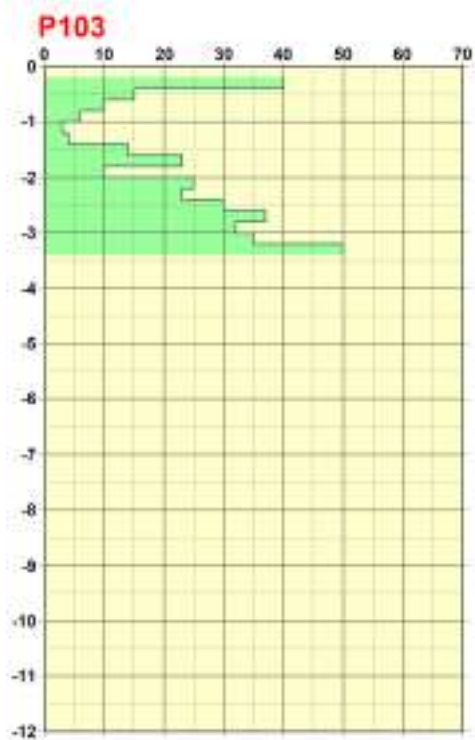
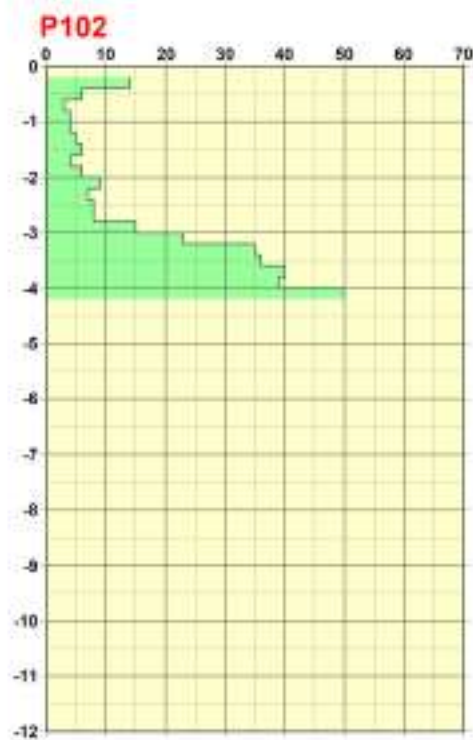
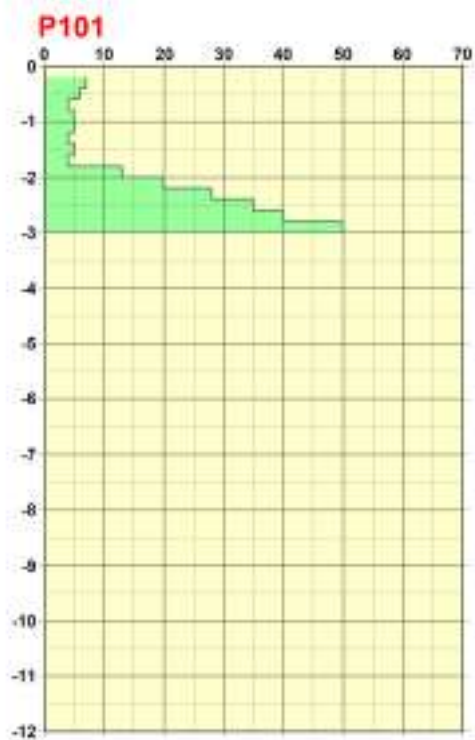


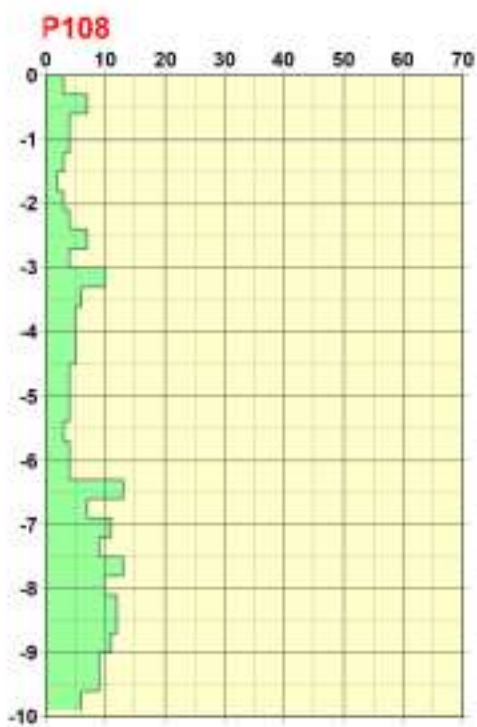
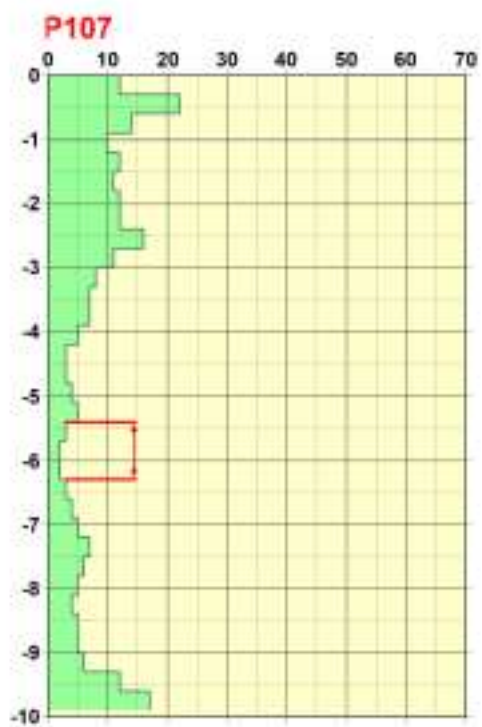
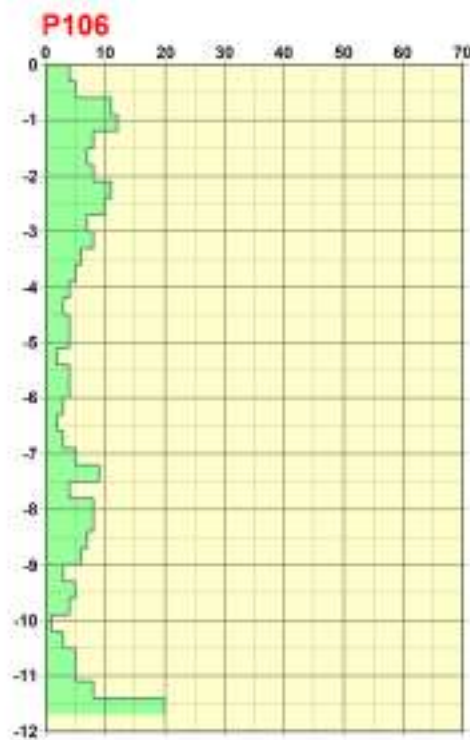
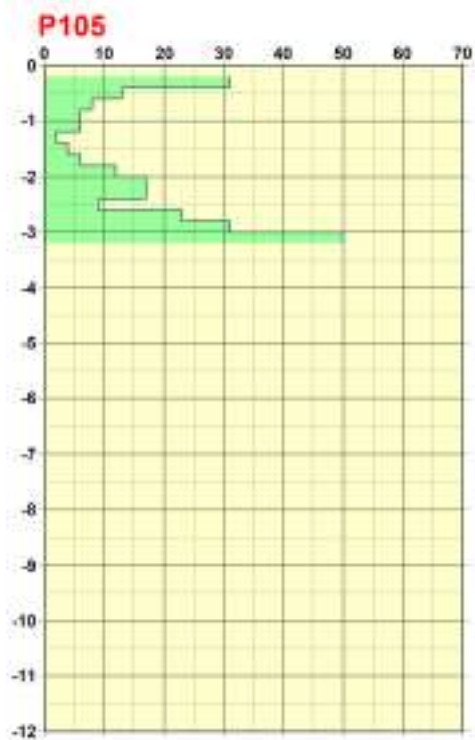


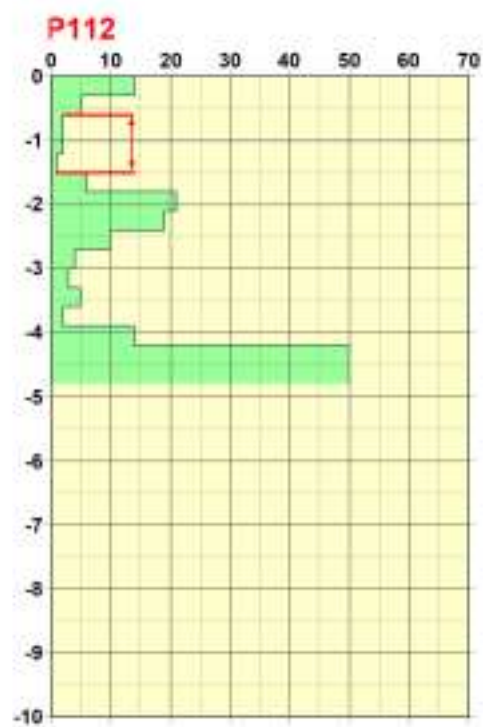
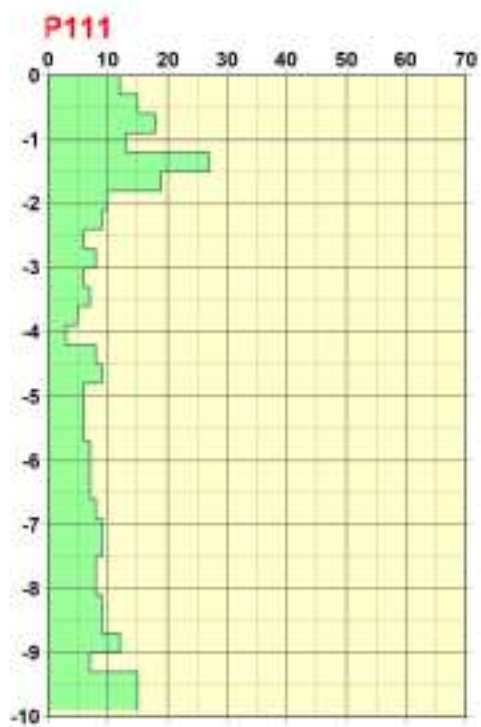
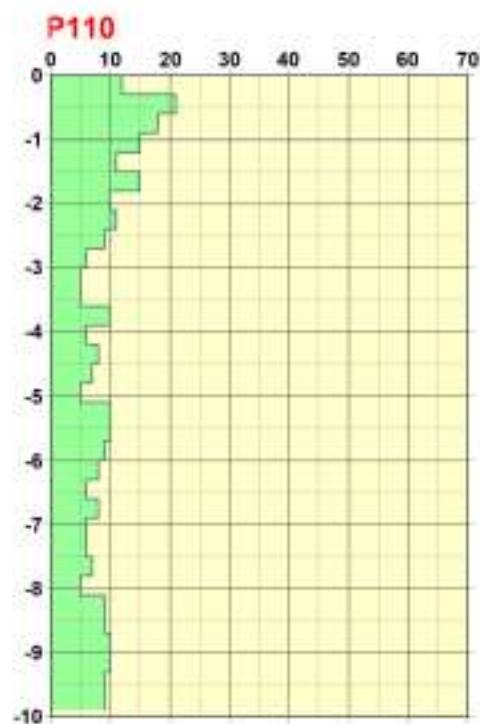
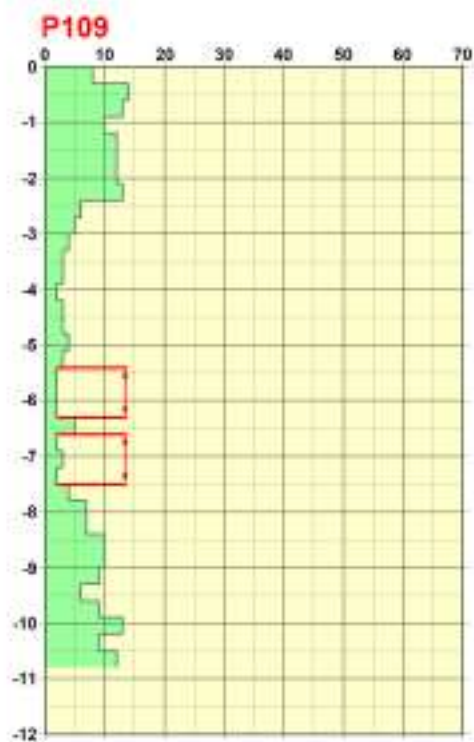


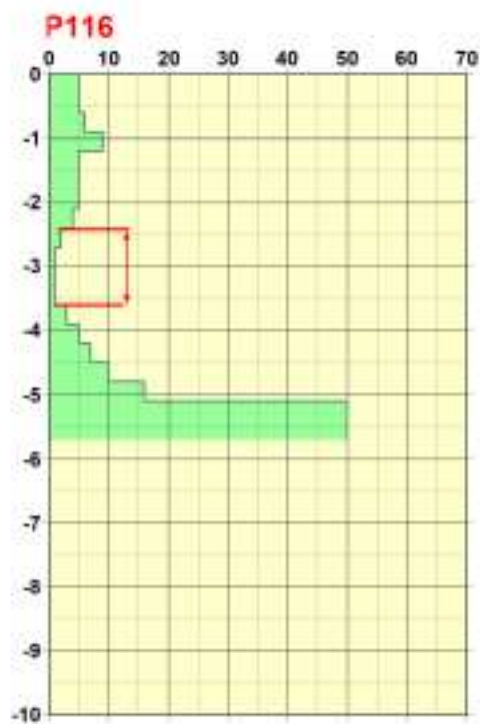
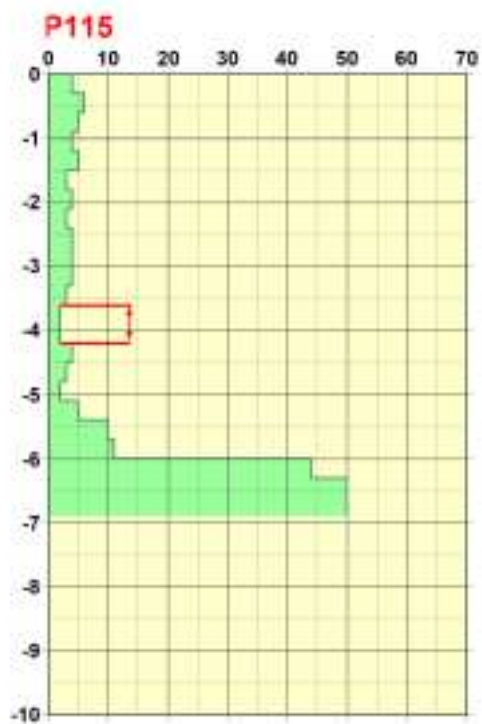
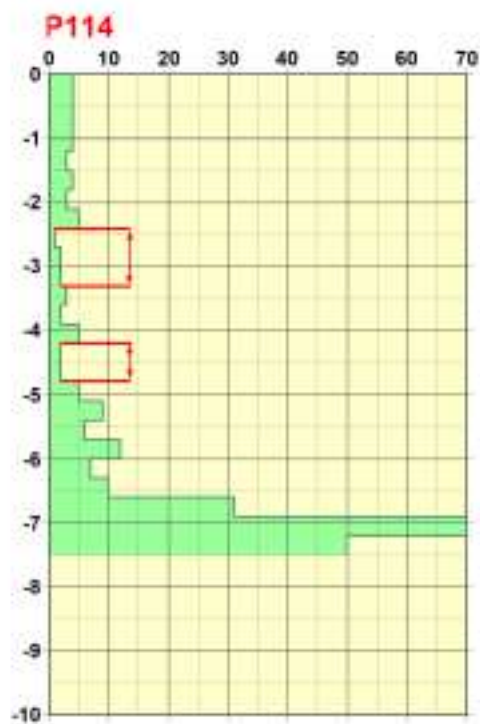
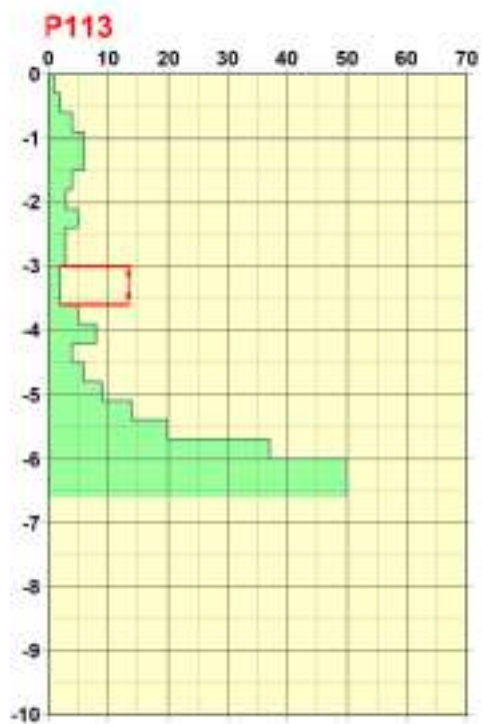


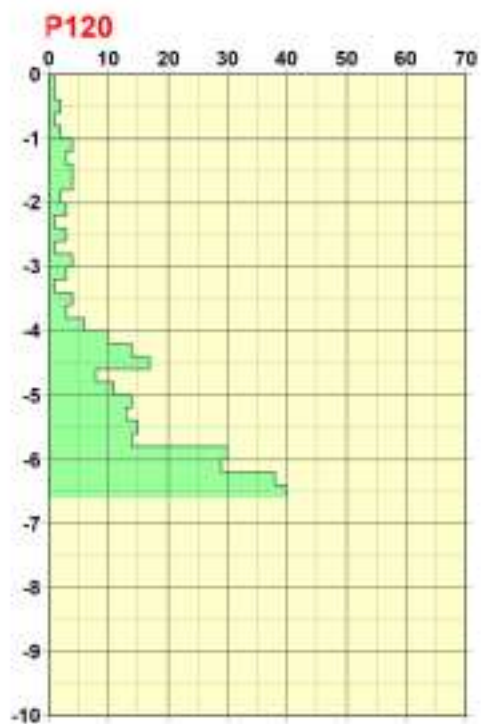
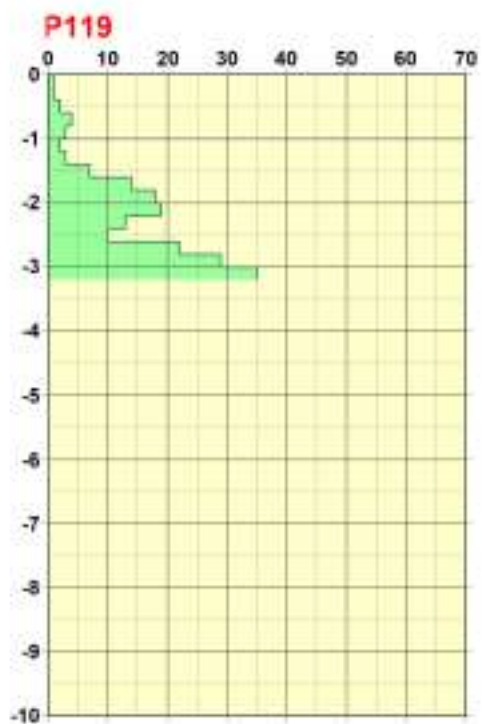
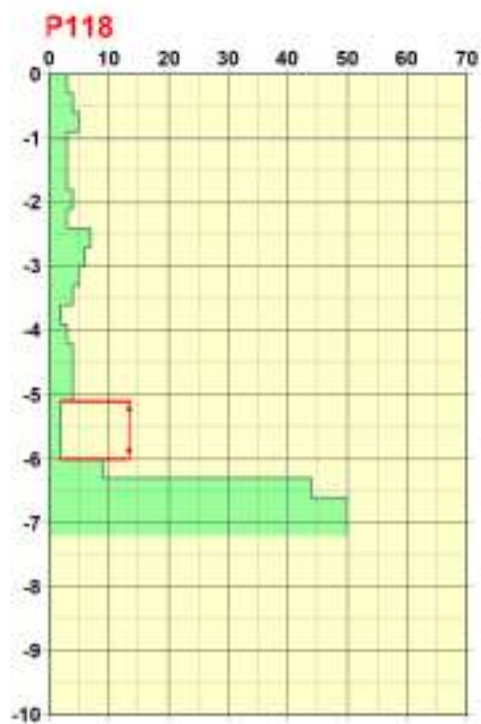
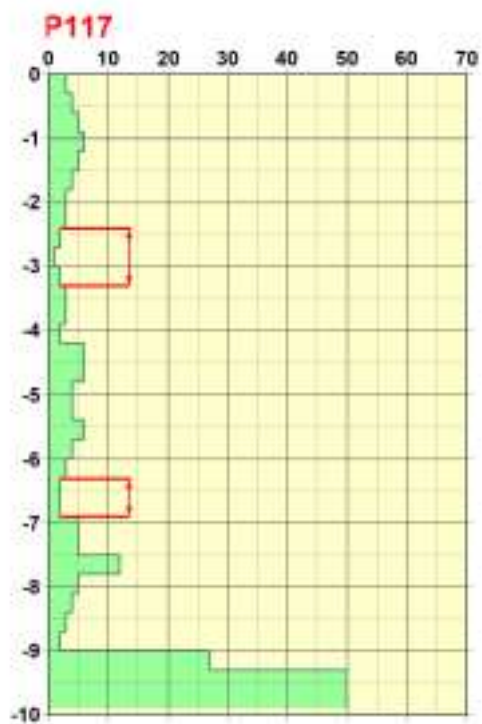


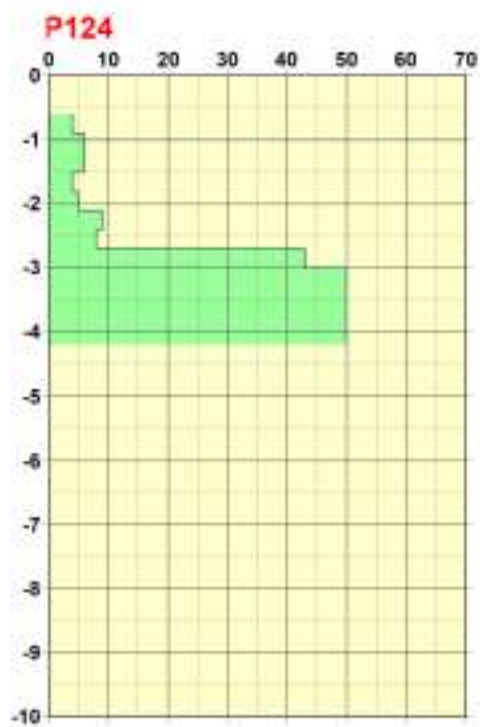
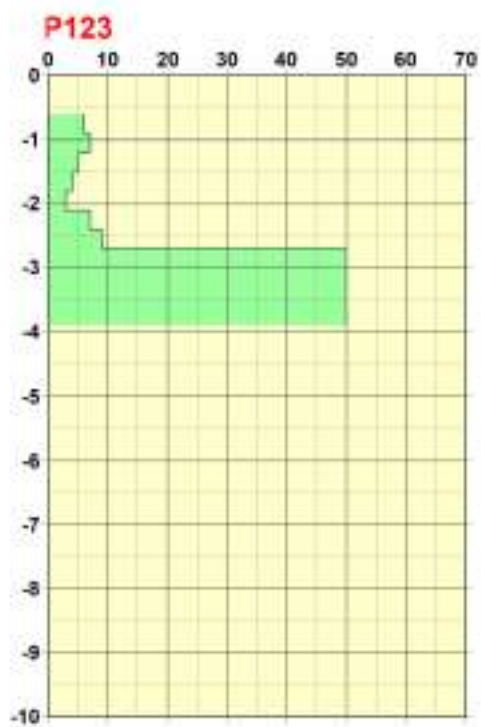
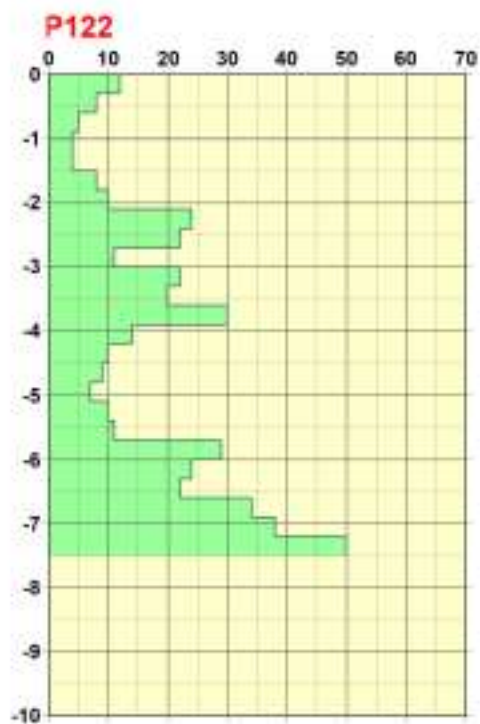
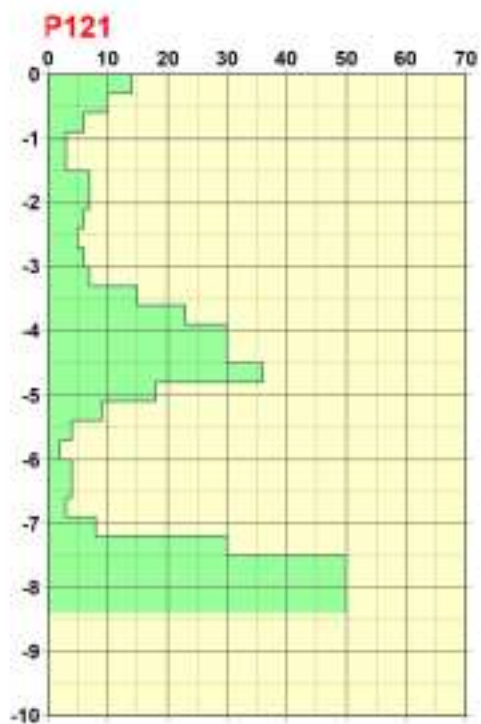


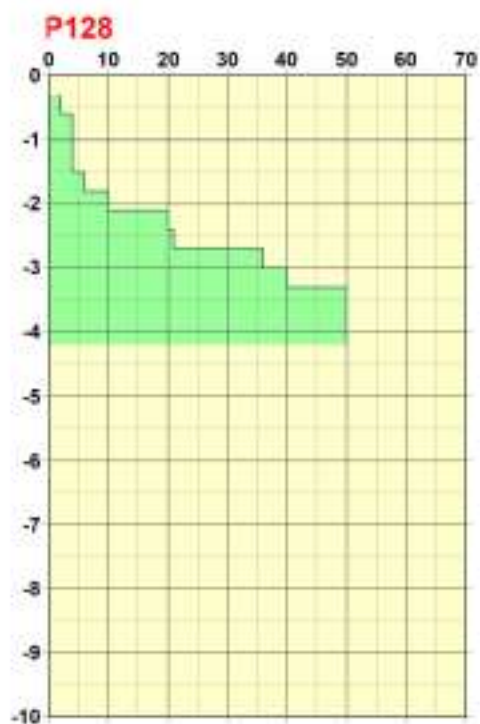
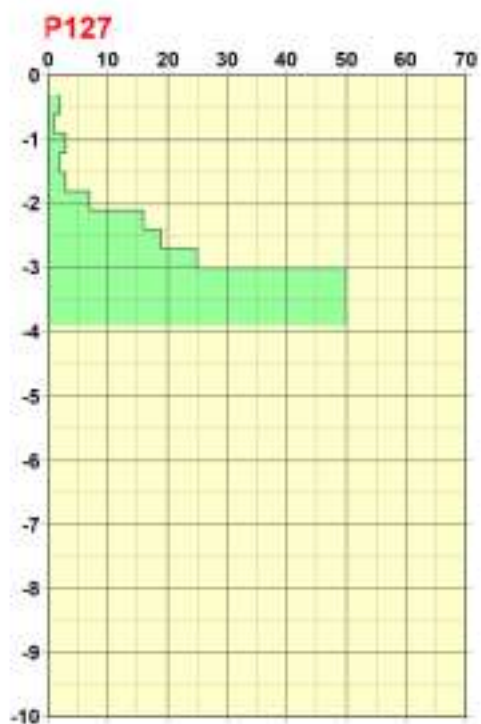
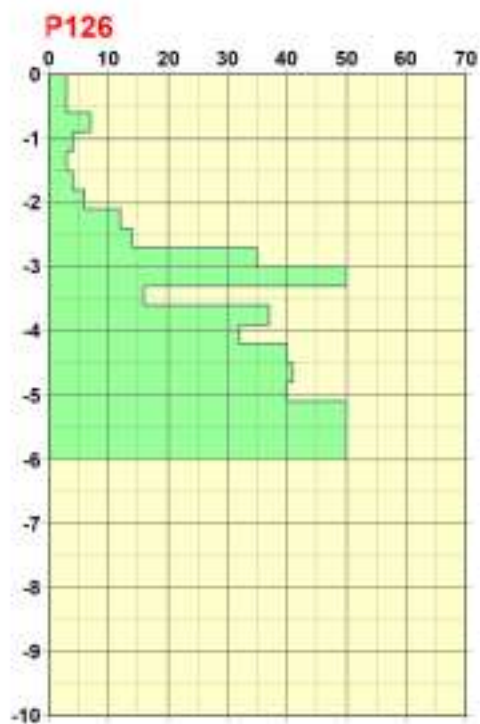
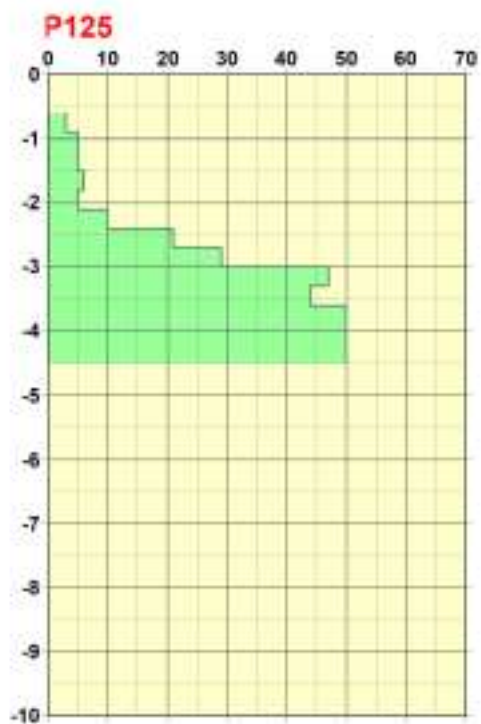


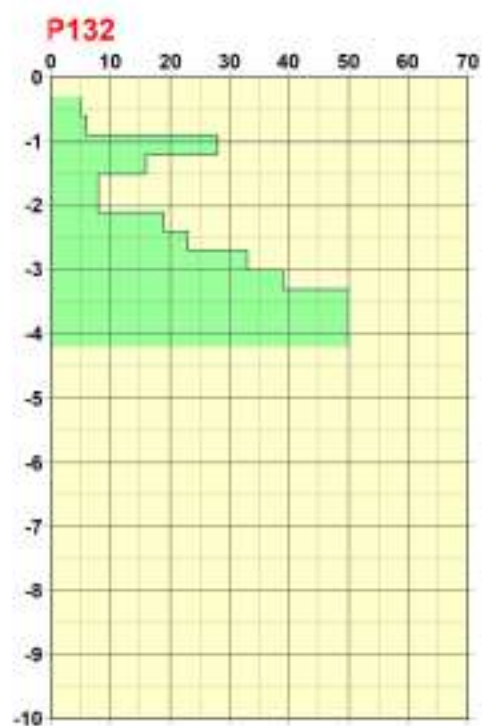
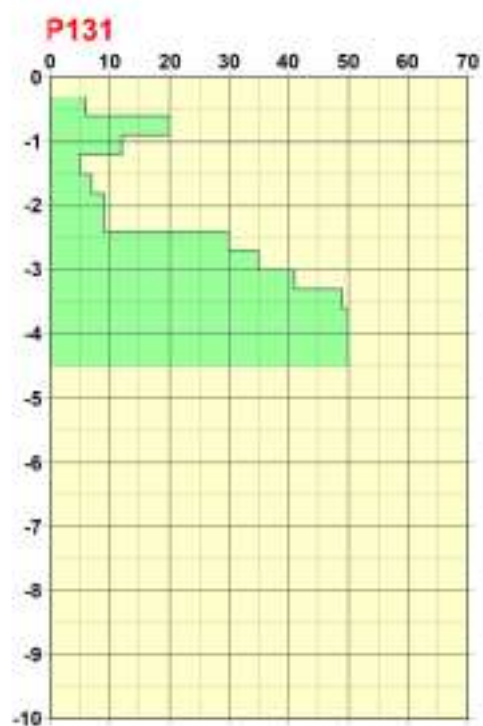
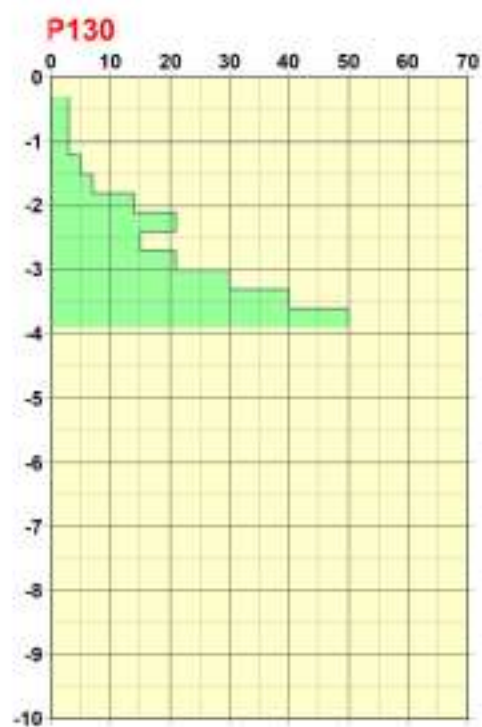
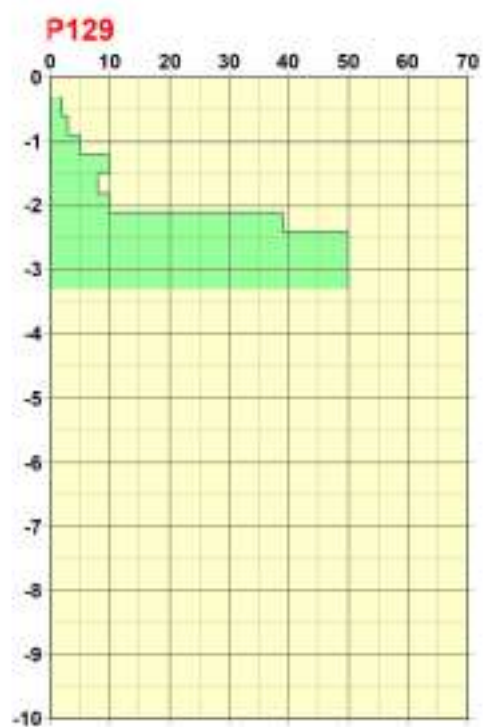


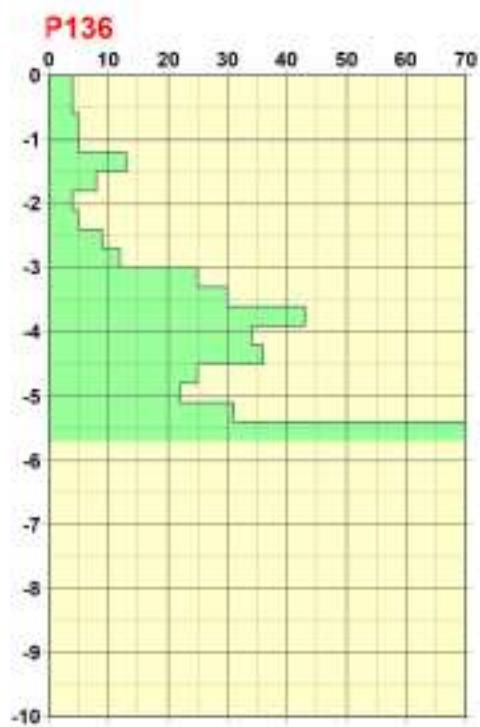
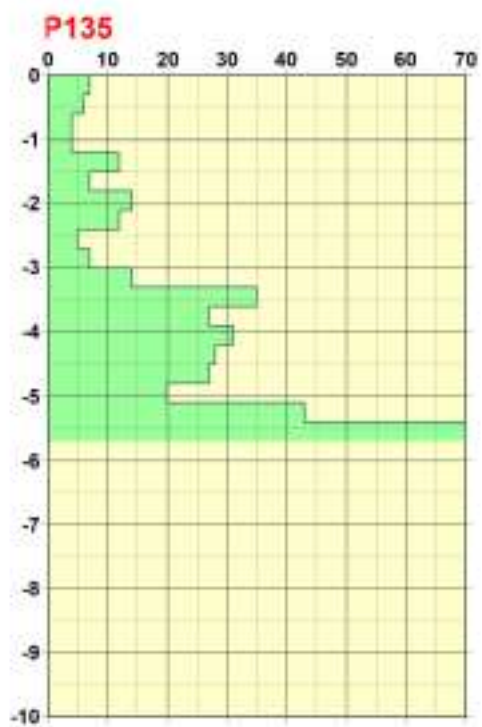
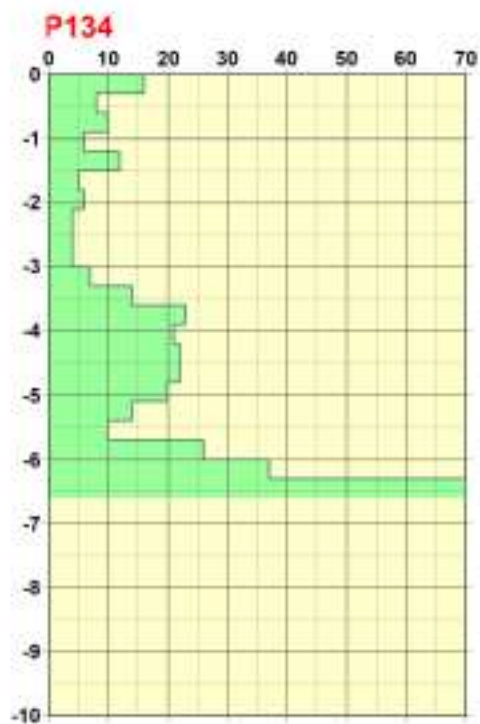
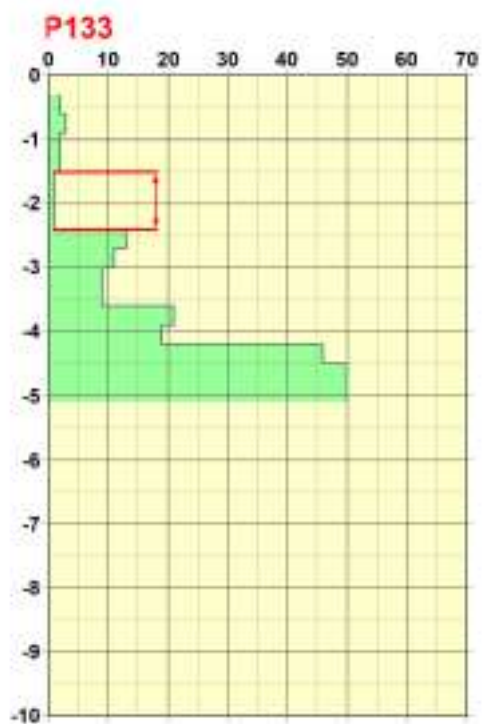


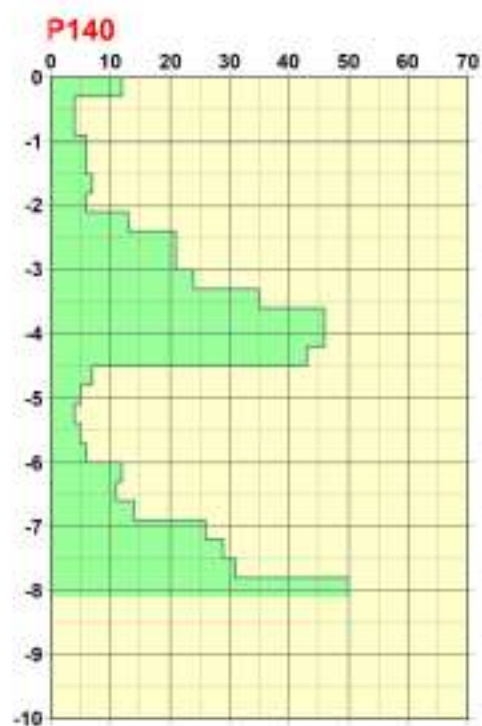
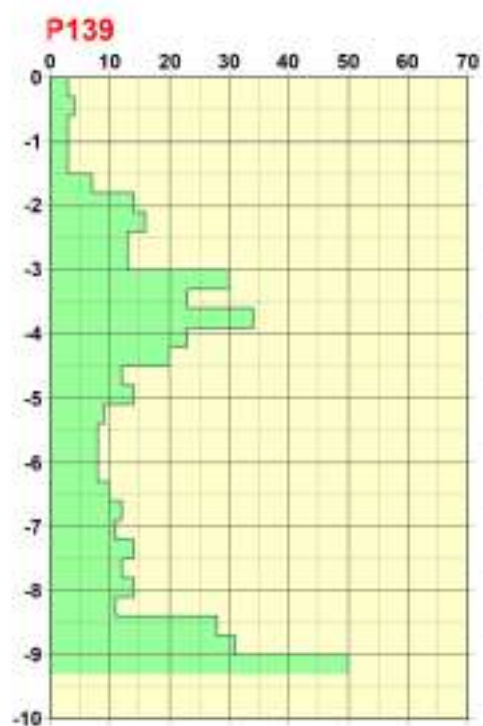
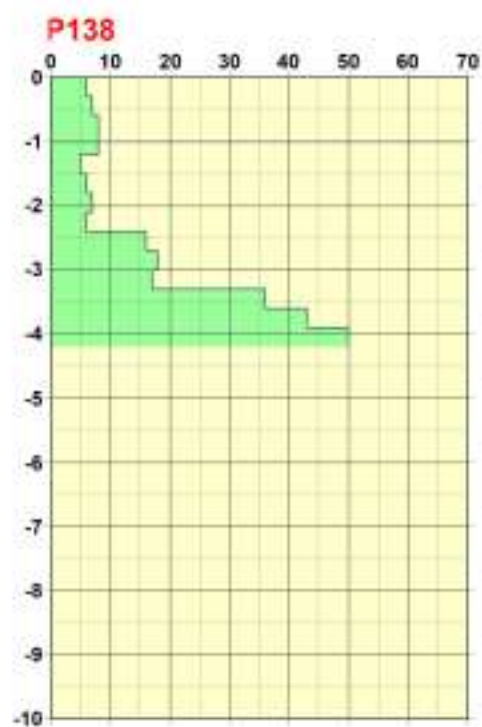
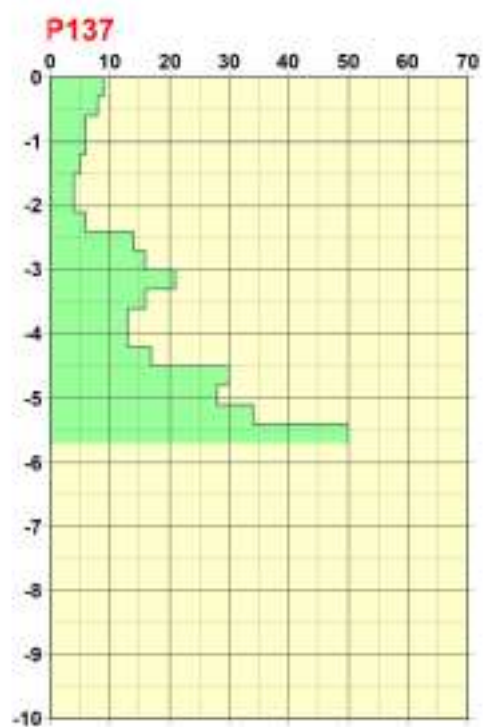


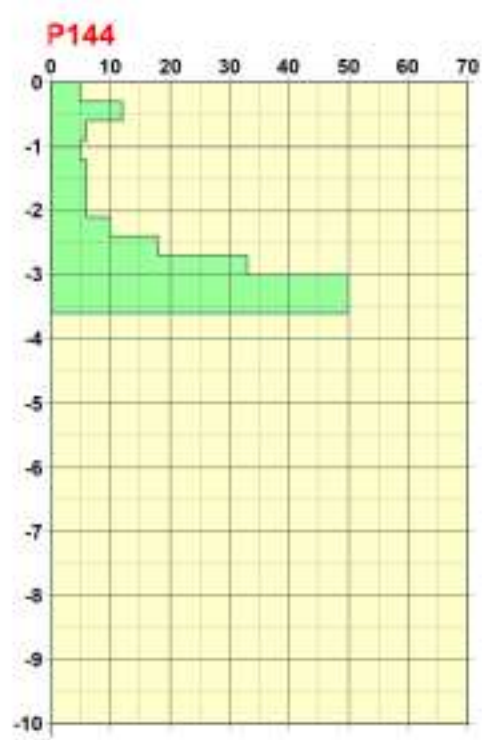
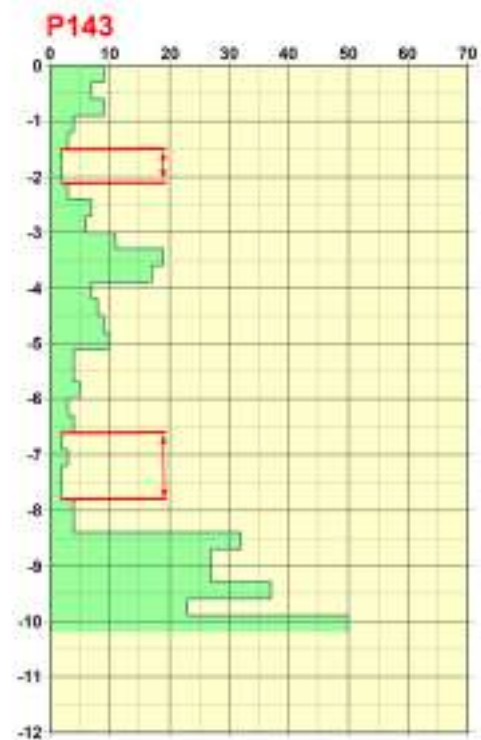
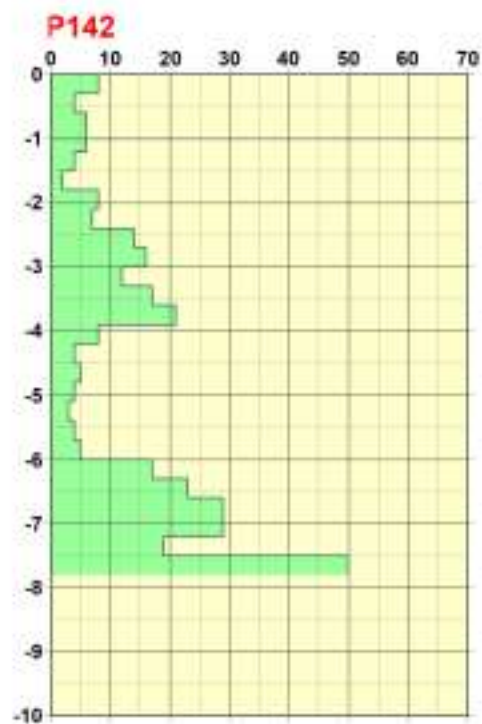
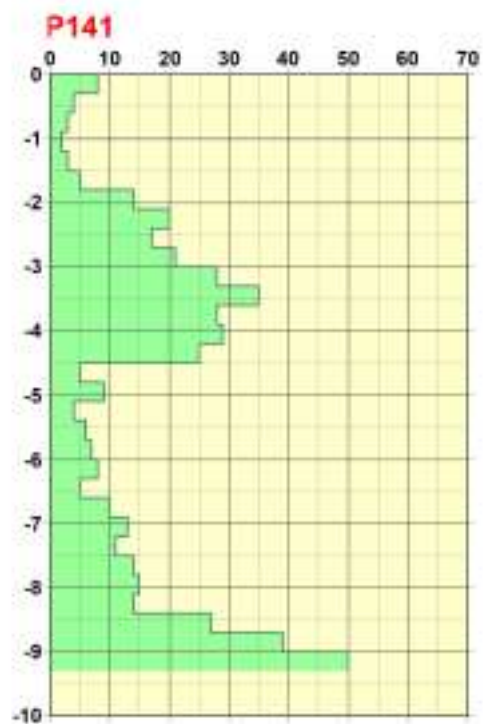












**IGT1**

P8-P9-P10-P11

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 1.0	< 4	1.7	-
1.0 – 8.0	10-12	1.8	28
Note: -			

P12-P13

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 0.5	< 4	1.7	-
0.5 – 5.0	8-10	1.8	27
5.0 – 8.0	15	1.9	30
Note: -			

P14

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 4.0	< 4	1.7	-
4.0 – 8.0	8 - 10	1.8	27
Note: terreno scadente			

P15-P16-P17

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 3.0	5	1.7	25
3.0 – 4.5	15-20	1.9	32
4.5 – 8.5	10-12	1.8	28
Note: intercalazioni di ghiaia fresca			

P18-P19-P20

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 3.5	5	1.7	25
3.5 – 4.5	15-20	1.9	32
Note: -			

IGT2

P21-P25

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 2.0	2-6	1.7-1.75	27-28
2.0 – 7.6	16-18	1.8-1.85	31-32
7.6 – 8.4	40-62	1.9-1.95	> 40
> 8.4	> 100	> 1.95	> 40
Note: terreno discreto (da moderatamente addensati a addensati)			

IGT3

P26-P29

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 3.0	2-4	1.6-1.65	23-24
3.0 – 5.1	15-23	1.75-1.80	31-34
(*) 2.1 a 4.5	7	1.7	27
5.1 – 6.0	47-64	1.8-1.85	37-39
> 6	>100	1.85-1.90	>40
Note: ((*) strato presente in P29), buone caratteristiche geotecniche per P26-P27-P28, discreto in P29.			

**IG4**

P30-P38

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 2.4	4	1.8	27
> 2.4	25	1.85	34
Note: terreno con caratteristiche da buone a ottime			

IGT6

P44-P45-P46-P47-P48-P49-P50

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 1.5	4	1.7	26
1.5 – 2.5	7	1.8	28
> 2.5	35	1.9	36
Note: terreno da discreto			

P51

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 2	4	1.7	26
2 – 3.5	7	1.8	28
3.5 – 6.5	5	1.8	27
> 6.5	35	1.9	36
Note: terreno scadente			

IGT8

P53-P58

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0.0 – 1.8/9.0	2-4	1.7	26
3.6 – 5.7 e 9.6 – 10.8 (*)	1-2	1.6	22
1.8 – 8.0/9.0	6-10	1.8-1.9	28-30
8.0 – 9	> 50	2.0-2.1	36
Note: terreno molto scadente, probabili "occhi pollini" (* strato presente in P54-P56)			

IGT9

P59-P60

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 1.5	4-5	1.7	27-28
1.5 – 3.3	10-15	1.80-1.85	32-34.5
3.3 – 10.2	2-6	1.65-1.75	25.5-29
10.2 – 10.5	>10	>1.80	>32
Note: terreno scadente, probabili "occhi pollini"			

IGT10

P61-62

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 0.6	20	17.9	26
1.5 – 3.0	5	17.3	24
3.0 – 3.6	11	17.4	29
3.6 – 5.0	33	19.8	33
5.0 – 6.4	39	19.8	34
6.4 – 7.2	50	19.8	36
Note: terreno pessimo-scadente fino ai 3 m			



**IGT12**

P63-P65

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 4.8	6	15.5	28.9
4.8 – 6.8	13	17.8	30.8
6.8 – 7.5	28	20.5	35.5

Note: terreno scadente fino ai 4.8 m

IGT14

P67-P70

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 2.4	3.76	16.74	29.82
2.4 – 3.0	14.76	18.60	31.76
3.0 – 3.6	33.50	20.99	36.15

Note:

IGT15

P71-P73

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0 – 1.5	-	17.0	29
1.5 – 2.4	-	16.5	28
2.4 – 4.8	-	19.0	35

Note: possibile netta variabilità laterale in termini di litologia e di caratteristiche geomeccaniche.

IGT17

P74-P76

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
-			

Note: terreno con caratteristiche da buone a ottime

IGT18

P77

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
Parametri non disponibili			

Note: possibile presenza di "occhi pollini".

IGT20

P78-P81 (* strato assente in P81)

Profondità Dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0.0 – 0.6	Asfalto		
0.6 – 0.9/1.8 (*)	5-6	1.70-1.75	28-29
1.9/1.8 – 2.4/4.8	> 20	> 1.90	> 36

Note: caratteristiche geotecniche da buone a ottime



**IGT22**

P83-P88

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
Parametri non disponibili			
Note: terreno scadente, zona a rischio di "occhi pollini".			

IGT24

P89-P91

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0.0 – 0.3	18	19.93	32.0
0.3 – 3.0	6	16.38	27.0
3.0 – 13.0	26	21.17	35.0
Note: possibile presenza di "occhi pollini" o riporti non costipati.			

IGT25

P92-P93

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0.0 – 3.5/5.5	-	1.65-1.70	25-26
3.5/5.5 – 7.5	-	1.75-1.90	32-34
Note: terreno con discrete caratteristiche geotecniche			

IGT26

P94-P99

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0.0 – 3.5/5.5	-	1.65-1.70	26-28
3.5/5.5 – 7.5	-	1.75-1.80	32-34
Note: terreno con discrete caratteristiche geotecniche			

IGT27

P100-P105

Profondità dal p.c. (m)	N	γ (ton/m ³)	ϕ (°)
0.0 – 1.45	-	19.0-22.0	35
1.45 – 1.80	-	18.5-21.5	32
1.80 – 2.23	-	22.0-24.0	39
2.23 – 2.56	-	18.5-21.5	27
2.56 – 3.00	-	19.0-22.0	33
Note: Terreno scadenti ma nessuna evidenza di occhi pollini			





Parte 2

PROVE PENETROMETRICHE DINAMICHE STANDARD SPT in foro



**SONDAGGIO S1 –****Pf1**

Profondità (m)	Nr. Colpi
2.65	39
2.80	50
2.95	0

Pf2

Profondità (m)	Nr. Colpi
7.15	45
7.30	50
7.45	0

Pf3

Profondità (m)	Nr. Colpi
12.35	29
12.50	43
12.65	40

Pf4

Profondità (m)	Nr. Colpi
17.15	44
17.30	50
17.45	0

Pf5

Profondità (m)	Nr. Colpi
20.15	19
20.30	34
20.45	44

Pf6

Profondità (m)	Nr. Colpi
24.55	9
24.70	12
24.85	18

Pf7

Profondità (m)	Nr. Colpi
27.65	14
27.80	18
27.95	21

**SONDAGGIO S2 –****Pf8**

Profondità (m)	Nr. Colpi
2.75	5
2.90	8
3.05	12

Pf9

Profondità (m)	Nr. Colpi
6.25	37
6.40	46
6.55	50

Pf10

Profondità (m)	Nr. Colpi
11.85	10
12.00	16
12.15	17

Pf11

Profondità (m)	Nr. Colpi
14.75	7
14.90	11
15.05	11

Pf12

Profondità (m)	Nr. Colpi
16.95	9
17.10	13
17.25	16

Pf13

Profondità (m)	Nr. Colpi
23.95	8
24.10	14
24.25	14

Pf14

Profondità (m)	Nr. Colpi
28.65	10
28.80	13
28.95	16



Parte 3

PROVE PENETROMETRICHE STATICHE

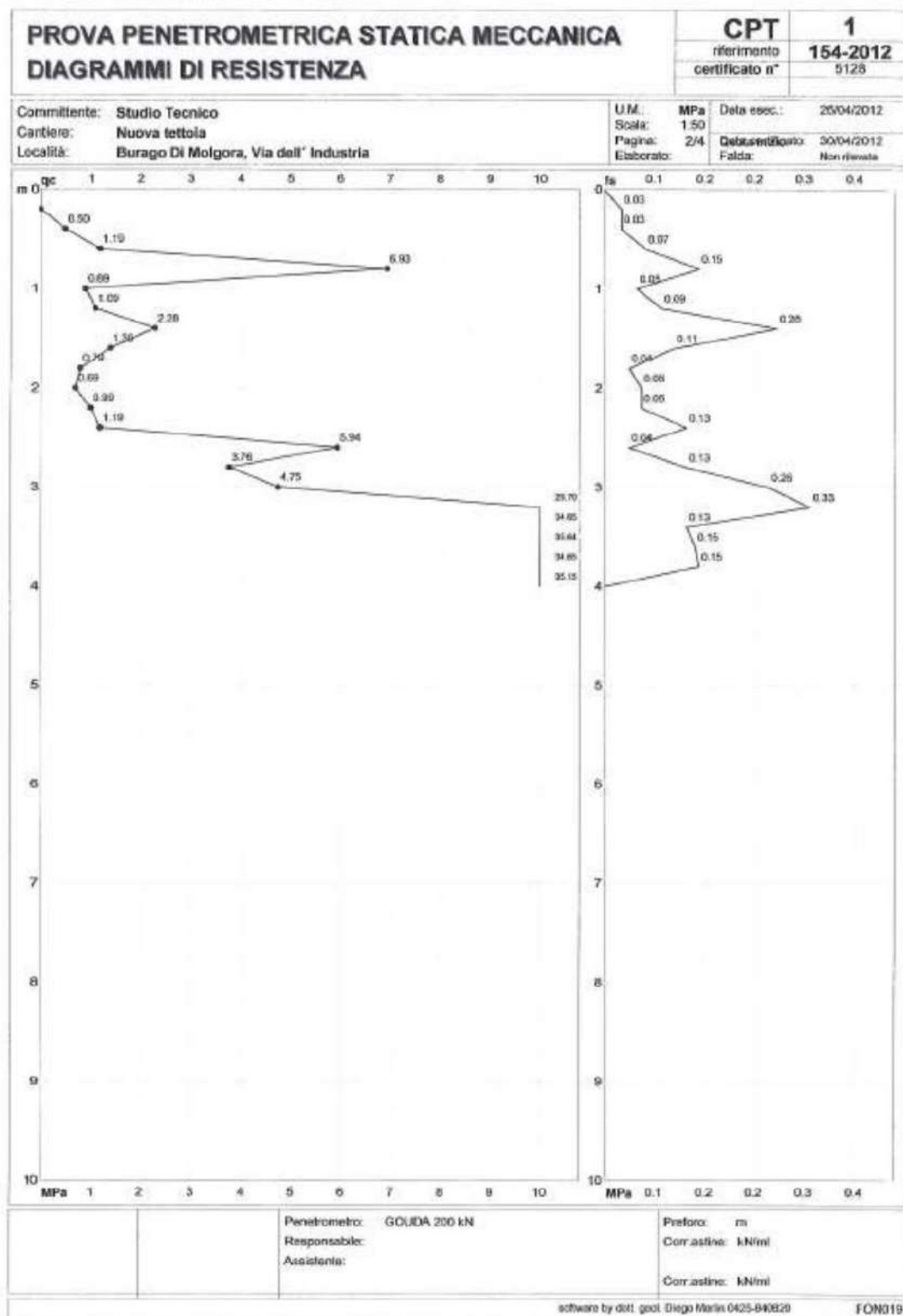




Ps1

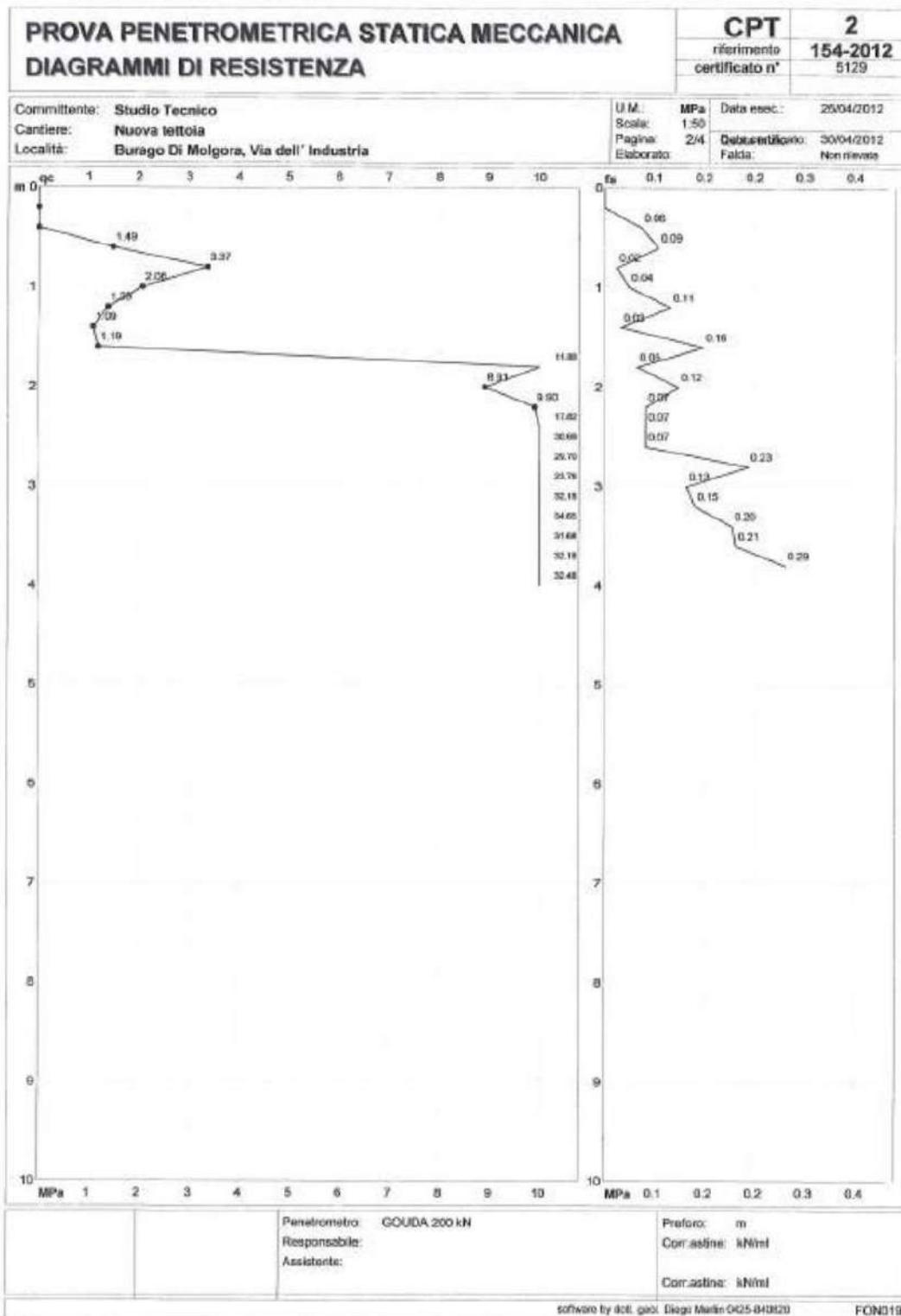


GEO GROUP S.R.L.
via Cesare Costa, 182 - 41100 Modena



**Ps2**

GEO GROUP S.R.L.
via Cesare Costa, 182 - 41100 Modena





Parte 4

TRINCEE / SCAVI ESPLORATIVI



**Trincea TrA**

Profondità dal p.c. (m)	Caratteristiche litologiche
0.00 – 0.40	Terreno agrario
0.40 – 1.70	Sabbie e limi d'alterazione colore ocra
1.70 – 2.30	Rari ciottoli in abbondante matrice limo-argillosa
2.30 – 3.10	Ghiaia mediamente alterata in abbondante matrice argillosa
3.10 – 3.40	Ghiaie e sabbie ben addensate.

Trincea TrB

Profondità dal p.c. (m)	Caratteristiche litologiche
0.00 – 0.90	Riporto grossolano
0.90 – 1.80	Argille e limi con rari ciottoli
1.80 – 2.30	Ghiaie alterate in matrice limo-argillosa
2.30 – 3.10	Ghiaia e sabbie grigiastre



Trincea TrC**GeoArbon**Studio**TRINCEA T1****Località:**

Burago Molgora (MB), Ambito 4 di Trasformazione Residenziale

Data: 16/02/2021**STRATIGRAFIA****Note:**

Profondità da p.c.	Descrizione
0,0 - 0,2 m	Terreno coltivato
0,2 - 0,9 m	Argilla limosa
0,9 - 2,4 m	Argilla sabbiosa limosa inglobante ciottoli

*Stratigrafie trincee esplorative – Ambito 4 di Trasformazione Residenziale, Burago Molgora (MB)*

Rif. L. 2800

Referente: Simone Origgi

Allegato

Trincea TrD

GeoArbonStudio	
TRINCEA T2	
Località: Burago Molgora (MB), Ambito 4 di Trasformazione Residenziale	
Data: 16/02/2021	
STRATIGRAFIA	
Note:	
Profondità da p.c.	Descrizione
0,0 - 0,3 m	Terreno coltivato
0,3 - 0,8 m	Argilla limosa
0,8 - 4,0 m	Ghiaie e ciottoli in matrice argillosa e grossi ciottoli sparsi



Stratigrafie trincee esplorative – Ambito 4 di Trasformazione Residenziale, Burago Molgora (MB)

Rif. L. 2800 Referente: Simone Origgi Allegato

Trincea TrE**GeoArbon**Studio**TRINCEA T3****Località:**

Burago Molgora (MB), Ambito 4 di Trasformazione Residenziale

Data: 16/02/2021**STRATIGRAFIA****Note:**

Profondità da p.c.	Descrizione
0,0 - 0,2 m	Terreno coltivato
0,2 - 1,2 m	Argilla limosa
1,2 - 2,2 m	Argilla sabbiosa limosa inglobante ciottoli

*Stratigrafie trincee esplorative – Ambito 4 di Trasformazione Residenziale, Burago Molgora (MB)*

Rif. L. 2800

Referente: Simone Origgi

Allegato



Parte 5

SONDAGGI / STRATIGRAFIE



Sondaggio S1



UFFICI: via Per Modena, 12 - 41051 Castelnovo R. (MO)
SEDE LEGALE: via C. Costa, 182 - 41123 Modena (MO)
tel. 059/3967169; 059/828367 - FAX 059/5960176 p. ivo e C.F. 02981500362
Email: info@geogroupmodena.it Pec: geo.group@winpec.it Sito: www.geogroupmodena.it
Azienda con Sistema di Gestione della Qualità certificato da DNV - ISO 9001
Operatore APR certificato ENAC per operazioni non critiche - Rif. ENAC 18627

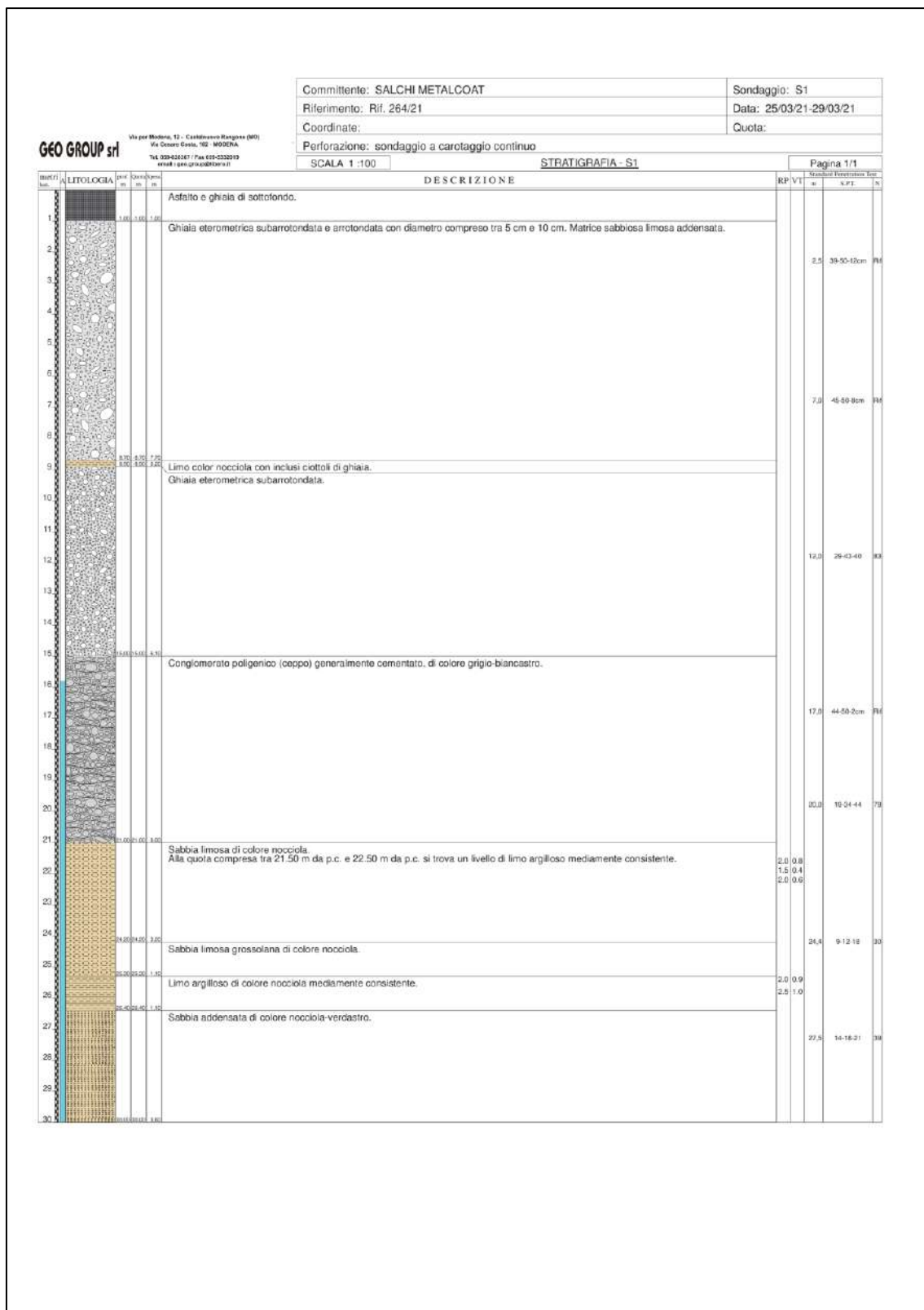
SONDAGGIO A CAROTAGGIO CONTINUO Allegato fotografico

Codice: **S1**

INFORMAZIONI GENERALI

Oggetto: Nuovo magazzino – Burago di Molgora (MB)
Data inizio perforazione: 25/03/2021
Data fine perforazione: 29/03/2021
Strumentazione utilizzata: PERFORATRICE IDRAULICA ATLAS
Carotiere: $\Phi = 101$ mm
Rivestimento: $\Phi = 127$ mm
Profondità raggiunta: 30.00 m da p.c.







UFFICIO: via Per Modena, 12 - 41051 Castelnovo R. (MO)
SEDE LEGALE: via C. Costa, 182 - 41123 Modena (MO)
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Sondaggio S2



UFFICIO: via Per Modena, 12 - 41051 Castelnovo R. (MO)
SEDE LEGALE: via C. Costa, 182 - 41123 Modena (MO)
tel. 059/3967169; 059/828367 - FAX 059/5960176 p. ivo e C.F. 02981500362
Email: info@geogroupmodena.it Pec: geo.group@winpec.it Sito: www.geogroupmodena.it
Azienda con Sistema di Gestione della Qualità certificato da DNV - ISO 9001
Operatore APR certificato ENAC per operazioni non critiche - Rif. ENAC 18627

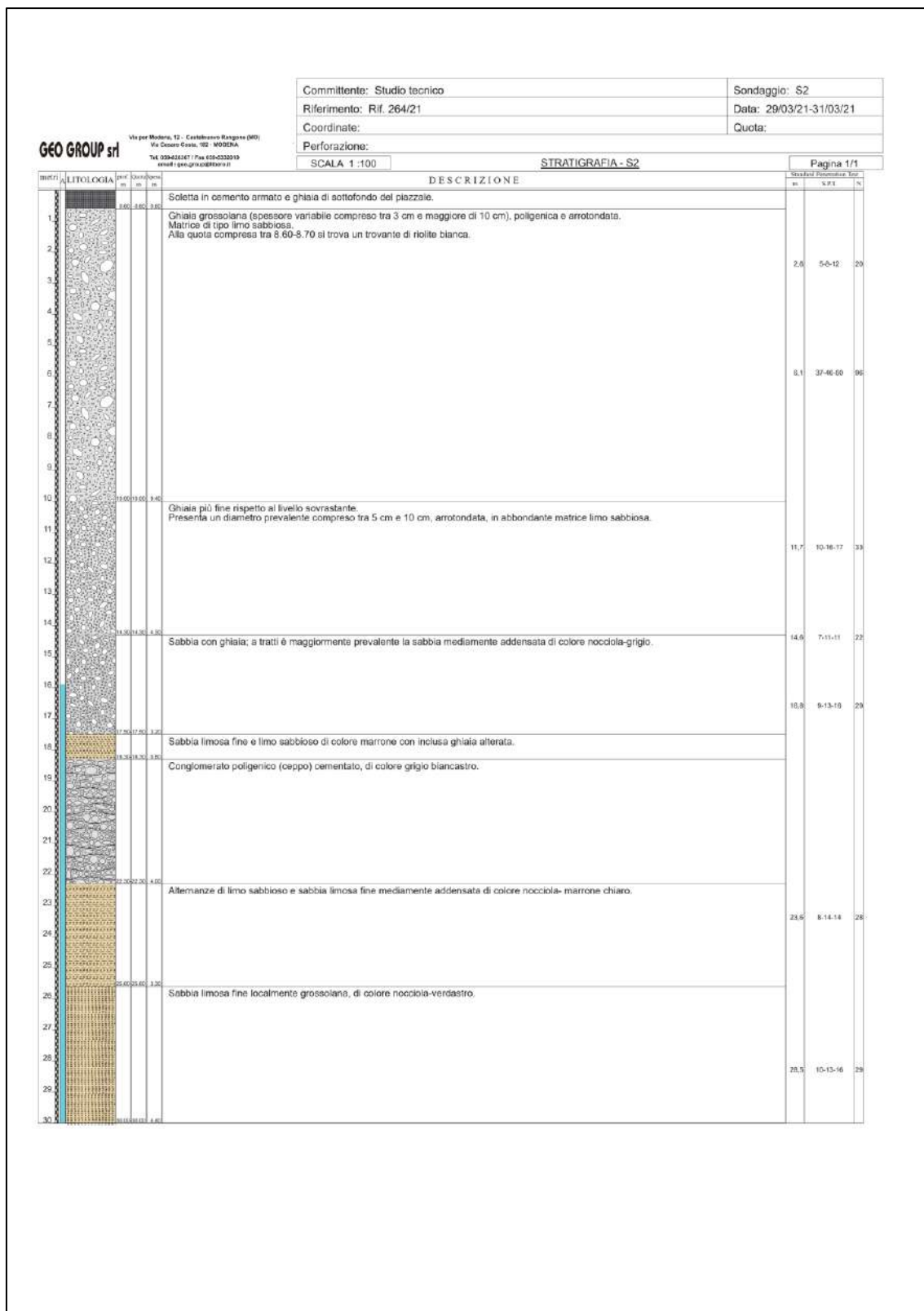
SONDAGGIO A CAROTAGGIO CONTINUO Allegato fotografico

Codice: **S2**

INFORMAZIONI GENERALI

Oggetto: Nuovo magazzino – Burago di Molgora (MB)
Data inizio perforazione: 29/03/2021
Data fine perforazione: 31/03/2021
Strumentazione utilizzata: PERFORATRICE IDRAULICA ATLAS
Carotiere: $\Phi = 101$ mm
Rivestimento: $\Phi = 127$ mm
Profondità raggiunta: 30.00 m da p.c.







UFFICIO: via Per Modena, 12 - 41051 Castelnova R. (MO)
SEDE LEGALE: via C. Costa, 182 - 41123 Modena (MO)
tel. 059/3967169; 059/828367 - FAX 059/5960176 p. ivo e C.F. 02981500362
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Sondaggi S3-S4-S5

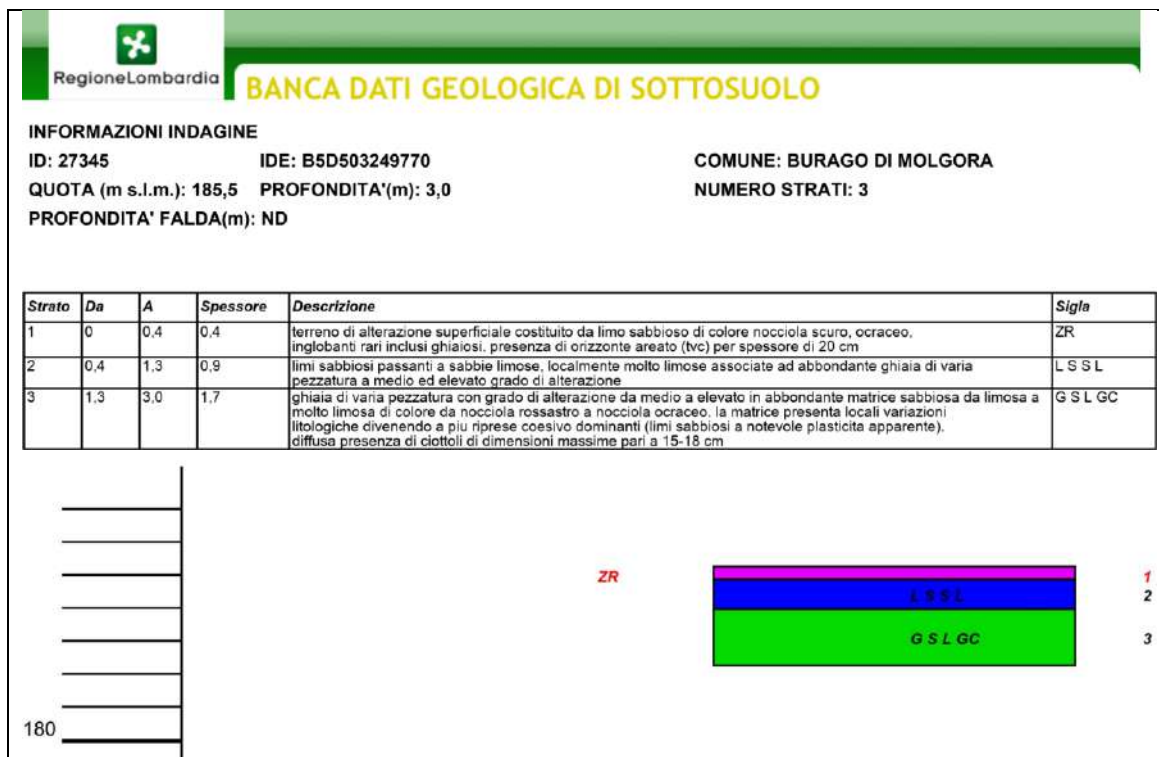
 Sondaggio: C2 File: Parko007.dwg			PROGETTO: ORDINE N.: COMMITTENTE: PARKO S.r.l. LOCALITA': Via Fermi 1-Burago M. (MB) DATA: 01/07/2021			PERFORAZIONE fluido: nessuno metodo: rotopercolazione utensile: carotiere semplice Ø perf.: 101 mm. Ø rivest.: 127 mm.			prof. sondaggio/pozzo: m. 3,00 quota p.c. s.l.m.m.: coordinate N: coordinate E: inclinazione dall'orizzontale: 0° quota testa/tubo s.l.m.m.: m. 000,000					
Livello m. Cassette cataloghi Prof. m.	Strat.	Descrizione terreno	Ricupero %	CAMPIONE		ANOMALIE	FID	PID	S.P.T.	PROVE DI PERMEABILITA'		POZZO/PIEZ.	Complet.	falda
				tipo prof.		Visive	Olfatt.	VOC	prof. m. ppm	prof. m. S.C.O.P.I.	lugeon	lefranc	prof. tubo	
		Autobloccante Sabbia media marrone-grigiastra con abbondante ghiaia eterogenea eterome- trica e ciottoli (max 10 cm). Terreno asciutto e molto addensato.	0,10											
			0,90											
		Limo sabbioso bruno inglobante rara ghiaia alterata e rarissimi ciottoli (max 10 cm.). Terreno umido e addensato.												
			3,00											

 Sondaggio: C3 File: Parko008.dwg			PROGETTO: ORDINE N.: COMMITTENTE: PARKO S.r.l. LOCALITA': Via Fermi 1-Burago M. (MB) DATA: 01/07/2021			PERFORAZIONE fluido: nessuno metodo: rotopercolazione utensile: carotiere semplice Ø perf.: 101 mm. Ø rivest.: 127 mm.			prof. sondaggio/pozzo: m. 3,00 quota p.c. s.l.m.m.: coordinate N: coordinate E: inclinazione dall'orizzontale: 0° quota testa/tubo s.l.m.m.: m. 000,000					
Livello m. Cassette cataloghi Prof. m.	Strat.	Descrizione terreno	Ricupero %	CAMPIONE		ANOMALIE	FID	PID	S.P.T.	PROVE DI PERMEABILITA'		POZZO/PIEZ.	Complet.	falda
				tipo prof.		Visive	Olfatt.	VOC	prof. m. ppm	prof. m. S.C.O.P.I.	lugeon	lefranc	prof. tubo	
		Soletta c/s Ghiaia eterogenea eterometrica e ciottoli (max 10 cm) in matrice sabbiosa debolmente limosa mar- rone. Terreno asciutto ed addensato.	0,20											
			1,00											
		Alternanze di limo sabbioso bruno, localmente a debole legante argilloso, e sabbia limosa bruno con rare ghia- ia alterata e ciottoli (max 10 cm.). Terreno umido ed addensato.												
			3,00											

 Sondaggio: C4 File: Parko009.dwg			PROGETTO: ORDINE N.: COMMITTENTE: PARKO S.r.l. LOCALITA': Via Fermi 1-Burago M. (MB) DATA: 01/07/2021			PERFORAZIONE fluido: nessuno metodo: rotopercolazione utensile: carotiere semplice Ø perf.: 101 mm. Ø rivest.: 127 mm.			prof. sondaggio/pozzo: m. 3,00 quota p.c. s.l.m.m.: coordinate N: coordinate E: inclinazione dall'orizzontale: 0° quota testa/tubo s.l.m.m.: m. 000,000					
Livello m. Cassette cataloghi Prof. m.	Strat.	Descrizione terreno	Ricupero %	CAMPIONE		ANOMALIE	FID	PID	S.P.T.	PROVE DI PERMEABILITA'		POZZO/PIEZ.	Complet.	falda
				tipo prof.		Visive	Olfatt.	VOC	prof. m. ppm	prof. m. S.C.O.P.I.	lugeon	lefranc	prof. tubo	
		Soletta c/s Ghiaia eterogenea eterometrica e ciottoli in matrice sabbiosa media marrone-grigiastra. Tracce di late- rizi. Terreno asciutto ed addensato.	0,30											
			1,10											
		Sabbia media limosa bruna, local- mente molto limosa, con abbondante ghiaia eterogenea di grossa pezzatu- ra e ciottoli (max 8-9 cm). Terreno umido ed addensato.												
			3,00											



Sondaggio S6



Sondaggio S7





Sondaggio S8



Regione Lombardia

BANCA DATI GEOLOGICA DI SOTTOSUOLO

INFORMAZIONI INDAGINE

ID: 25219

IDE: B5D591849121

COMUNE: BURAGO DI MOLGORA

QUOTA (m s.l.m.): 180,5 PROFONDITA'(m): 134,2

NUMERO STRATI: 33

PROFONDITA' FALDA(m): ND

Strato	Da	A	Spessore	Descrizione	Sigla
1	0	5,5	5,5	ciottoli, ghiaia, limo	GC G L
2	5,5	14,1	8,6	ciottoli e ghiaia	GC G
3	14,1	21,0	6,9	conglomerato	G
4	21,0	21,6	0,6	argilla nocciola	A
5	21,6	37,3	15,7	sabbia micacea	S
6	37,3	42,0	4,7	limo nocciola, poco sabbioso	L S
7	42,0	45,2	3,2	ghiaia e sabbia	GS
8	45,2	46,3	1,1	argilla grigia chiara	A
9	46,3	48,85	2,55	limo sabbioso azzurro	L S
10	48,85	52,1	3,25	argilla azzurra	A
11	52,1	56,3	4,2	limo argilloso giallo	LA
12	56,3	57,8	1,5	torba	PT
13	57,8	60,1	2,3	argilla limosa grigia	AL
14	60,1	71,5	11,4	argilla grigia	A
15	71,5	73,5	2,0	torba	PT
16	73,5	76,7	3,2	argilla grigia, sabbia, fossili	AS
17	76,7	78,5	1,8	torba	PT
18	78,5	81,2	2,7	argilla grigia scagliosa	A
19	81,2	84,2	3,0	argilla e ghiaia	AG
20	84,2	89,0	4,8	argilla grigia limosa	AL
21	89,0	90,1	1,1	limo sabbioso grigio	L S
22	90,1	93,9	3,8	sabbia limosa grigia	SL
23	93,9	97,5	3,6	limo grigio compatto	L
24	97,5	100,0	2,5	argilla torbosa	APT
25	100,0	104,8	4,8	limo sabbioso, conchiglie	L S
26	104,8	107,0	2,2	argilla e ghiaia	AG
27	107,0	108,8	1,8	argilla e ghiaia grossa	AG2
28	108,8	110,0	1,2	ghiaia e poca argilla grigia	GA
29	110,0	112,0	2,0	argilla grigia e ghiaia	AG
30	112,0	120,5	8,5	argilla grigia torbosa	APT
31	120,5	124,5	4,0	argilla sabbiosa	AS
32	124,5	132,5	8,0	argilla torbosa nera	APT
33	132,5	134,2	1,7	limo sabbioso e conchiglie	L S





Regione Lombardia

Legenda Stratigrafia Indagine

	Ghiaia - G
	Blocchi, trovanti, erratici - GB
	Sassi, materiale lapideo - GP
	Massi - GM
	Materiale grossolano s.l. - GZ
	Ghiaietto - GG
	Ciottoli - GC
	Ghiaia molto grossolana - G1
	Ghiaia grossolana - G2
	Ghiaia media - G3
	Ghiaia fine - G4
	Ghiaia finissima - G5
	Sabbia - S
	Materiale sabbioso s.l. (tufo, sabbione, sabbietta, ecc.) - SZ
	Sabbia molto grossolana, sabbia granosa - S1
	Sabbia grossolana - S2
	Sabbia media - S3
	Sabbia fine - S4
	Sabbia finissima - S5
	Argilla - A
	Limo - L
	Materiale fangoso - M
	Terra - MT
	Materiale fine s.l. - MZ
	Terreni di origine organica - T
	Carbone - PC
	Lignite - PL
	Materiale organico - PO
	Torba - PT
	Materiale roccioso del substrato (escluso rocce clastiche) - B
	Roccia generica - BZ
	Calcare - BC
	Gesso, anidrite - BG
	Marna - BM
	Altro - Z
	Discarica di rifiuti - ZD
	Mattoni, laterizi - ZM
	Terreno di riporto, massicciata stradale, materiale di riporto - ZR
	Suolo, terreno vegetale - ZS
	Informazione non disponibile (recupero non effettuato, informazione in traducibile) - ZZ

