

COMUNE DI CASTENASO

PROVINCIA DI BOLOGNA




COMPARTO VILLANOVA ANS C2.4

PROPRIETA'
• ABITARE VILLANOVA S.R.L.
• CASTENASO IMMOBILIARE S.R.L.
• DIPIERRI R.E. S.R.L.

DOCUMENTI SPECIALISTICI
Allegato prove penetrometriche



A	1	a
B	2	b
C	3	c
D	4	d
E	5	e
F	6	f
G	7	g
H	8	h
I	9	i
L	10	l
M	11	m
N	12	n
O	13	o
P	14	p
Q	15	q
R	16	r
S	17	s
T	18	t
U	19	u
V	20	v
Z	21	z

TECNICI		
	STUDIO GBA Arch. Gianluca Brini Arch. Luca Pedrazzi	
	STUDIO GIOVANNINI Ing. Gian Franco Giovannini Ing. Roberto Tranquilli	
	STUDIO TEAM WORK S.C.A.R.L. Arch. Ing. Nicola Zanni	

Studio Geotecnico Chili Giuliano

Via Bruno Bottau n° 4 – 40055 Castenaso (BO)

p.i. 01625471204 - c.f. CHL GLN 59R28 A944U

Città Metropolitana di Bologna

Comune di Castenaso

RELAZIONE GEOLOGICA

Allegato 1

Prove Penetrometriche Statiche CPTu

Letture di Campagna



Progetto: per PUA relativo al Comparto ANS C2.4 sito in Villanova di Castenaso tra le Vie Baden Powell e Elsa Morante - località Villanova di Castenaso in Comune di Castenaso

Proprietà: DIPIERRI RE; Abitare Villanova srl e Castenaso Immobiliare srl

Data: 11/04/2017

Relazione n. 04/17

PROVA ... Nr.1					Prova eseguita in data: 15/07/2016									
Committente: DIPIERRI RE, Abitare Villanova srl, Castenaso Immobiliare srl					Profondità prova: 7,80 mt									
Strumento utilizzato: TECNO PENTA TP CPL2IN					Località: Villanova di Castenaso									
Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A			
m	kg/cm ²	kg/cm ²	kg/cm ²		k	k	kg/cm ²	kg/cm ²	kg/cm ²					
0.02	-0.15	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	Stima non eseguibile			
0.04	-0.15	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	Stima non eseguibile			
0.06	0.07	0.01	0.01	-0.20	7.00	14.29	0.00	-0.93	14.00	0.00	Terreni organici - Torbe			
0.08	0.07	0.02	0.01	-0.20	3.50	28.57	0.00	-0.93	28.81	0.00	Terreni organici - Torbe			
0.10	-0.04	0.03	0.00	-0.20	-1.33	-75.00	0.00	-1.04	-65.26	0.00	Terreni fini sensitivi			
0.12	-0.04	0.02	0.00	-0.10	-2.00	-50.00	0.00	-1.04	-41.71	0.00	Terreni fini sensitivi			
0.14	0.07	0.01	0.01	-0.20	7.00	14.29	0.00	-0.93	15.74	0.00	Terreni organici - Torbe			
0.16	0.28	0.01	0.00	-0.20	28.00	3.57	0.00	-0.72	3.74	0.00	Terreni organici - Torbe			
0.18	0.50	0.02	0.01	-0.10	25.00	4.00	0.00	-0.50	4.10	0.00	Terreni organici - Torbe			
0.20	1.04	0.03	0.01	-0.20	34.67	2.88	0.00	0.04	2.93	349.23	Terreni organici - Torbe			
0.22	1.59	0.05	0.01	-0.10	31.80	3.14	0.00	0.59	3.18	164.98	Terreni organici - Torbe			
0.24	2.44	0.06	0.01	-0.10	40.67	2.46	0.00	1.44	2.48	117.45	Argille - Argille limose			
0.26	3.30	0.09	0.01	-0.10	36.67	2.73	0.00	2.30	2.75	101.11	Argille - Argille limose			
0.28	1.24	0.11	0.01	-0.10	11.27	8.87	0.00	0.24	9.07	250.73	Terreni organici - Torbe			
0.30	0.92	0.11	0.00	-0.10	8.36	11.96	0.00	-0.08	12.41	0.00	Terreni organici - Torbe			
0.32	1.13	0.13	0.00	-0.10	8.69	11.50	0.00	0.13	11.89	307.46	Terreni organici - Torbe			
0.34	0.92	0.17	0.01	-0.10	5.41	18.48	0.00	-0.08	19.23	0.00	Terreni organici - Torbe			
0.36	2.98	0.15	0.01	-0.10	19.87	5.03	0.00	1.98	5.10	120.57	Terreni organici - Torbe			
0.38	50.71	0.25	0.06	0.00	202.84	0.49	0.00	49.73	0.49	12.80	Sabbie - Sabbie limose			
0.40	68.83	0.43	0.07	0.00	160.07	0.62	0.00	67.85	0.62	11.07	Sabbie - Sabbie limose			
0.42	64.70	0.62	0.06	0.00	104.35	0.96	0.00	63.72	0.96	14.45	Sabbie limose - Limi Sabbiosi			
0.44	62.95	0.71	0.05	0.00	88.66	1.13	0.00	61.97	1.13	15.99	Sabbie limose - Limi Sabbiosi			
0.46	65.43	0.75	0.06	0.00	87.24	1.15	0.00	64.45	1.15	15.71	Sabbie limose - Limi Sabbiosi			
0.48	69.77	0.78	0.07	0.00	89.45	1.12	0.00	68.79	1.12	14.85	Sabbie limose - Limi Sabbiosi			
0.50	75.39	0.83	0.08	0.00	90.83	1.10	0.00	74.42	1.10	13.96	Sabbie - Sabbie limose			
0.52	80.37	0.85	0.08	0.00	94.55	1.06	0.00	79.40	1.06	13.05	Sabbie - Sabbie limose			
0.54	80.34	0.97	0.08	0.00	82.82	1.21	0.00	79.37	1.21	14.06	Sabbie - Sabbie limose			
0.56	78.91	1.13	0.08	0.00	69.83	1.43	0.00	77.94	1.43	15.63	Sabbie limose - Limi Sabbiosi			
0.58	77.80	1.36	0.08	0.00	57.21	1.75	0.00	76.83	1.75	17.57	Sabbie limose - Limi Sabbiosi			

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A			
m	kg/cm ²	kg/cm ²	kg/cm ²		k	k	kg/cm ²	kg/cm ²	kg/cm ²					
0.60	77.66	1.69	0.08	0.00	45.95	2.18	0.00	76.69	2.18	19.77	Sabbie limose - Limi Sabbiosi			
0.62	78.39	2.09	0.08	0.00	37.51	2.67	0.00	77.42	2.67	21.88	Sabbie limose - Limi Sabbiosi			
0.64	79.56	2.50	0.07	0.00	31.82	3.14	0.00	78.58	3.15	23.66	Sabbie limose - Limi Sabbiosi			
0.66	80.61	2.88	0.06	0.00	27.99	3.57	0.00	79.63	3.58	25.12	Limi argillosi - Argille Limose			
0.68	81.88	3.20	0.03	0.00	25.59	3.91	0.00	80.89	3.91	26.12	Limi argillosi - Argille Limose			
0.70	80.10	3.34	0.04	0.00	23.98	4.17	0.00	79.11	4.18	27.25	Limi argillosi - Argille Limose			
0.72	80.51	3.55	0.04	0.00	22.68	4.41	0.00	79.52	4.42	27.97	Limi argillosi - Argille Limose			
0.74	81.13	3.68	0.03	0.00	22.05	4.54	0.00	80.14	4.54	28.28	Terreni fini molto consistenti sovraconsolidati			
0.76	80.43	3.82	0.01	0.00	21.05	4.75	0.00	79.43	4.76	29.04	Terreni fini molto consistenti sovraconsolidati			
0.78	79.97	3.95	0.09	0.00	20.25	4.94	0.00	79.00	4.95	29.68	Terreni fini molto consistenti sovraconsolidati			
0.80	79.17	4.14	0.05	0.00	19.12	5.23	0.00	78.19	5.24	30.65	Terreni fini molto consistenti sovraconsolidati			
0.82	79.13	4.32	0.06	0.00	18.32	5.46	0.00	78.15	5.47	31.31	Terreni fini molto consistenti sovraconsolidati			
0.84	78.67	4.51	0.06	0.00	17.44	5.73	0.00	77.69	5.74	32.14	Terreni fini molto consistenti sovraconsolidati			
0.86	79.28	4.66	0.08	0.00	17.01	5.88	0.00	78.31	5.89	32.44	Terreni fini molto consistenti sovraconsolidati			
0.88	79.90	4.78	0.08	0.00	16.72	5.98	0.00	78.93	5.99	32.62	Terreni fini molto consistenti sovraconsolidati			
0.90	80.41	4.85	0.03	0.00	16.58	6.03	0.00	79.42	6.04	32.67	Terreni fini molto consistenti sovraconsolidati			
0.92	82.12	4.94	0.00	0.00	16.62	6.02	0.00	81.12	6.03	32.37	Terreni fini molto consistenti sovraconsolidati			
0.94	82.64	4.82	0.00	0.00	17.15	5.83	0.00	81.64	5.84	31.81	Terreni fini molto consistenti sovraconsolidati			
0.96	83.91	4.65	0.02	0.00	18.05	5.54	0.00	82.92	5.55	30.83	Terreni fini molto consistenti sovraconsolidati			
0.98	86.27	4.36	0.02	0.00	19.79	5.05	0.00	85.28	5.06	29.11	Terreni fini molto consistenti sovraconsolidati			
1.00	88.40	4.09	0.02	0.00	21.61	4.63	0.00	87.41	4.64	27.55	Terreni fini molto consistenti sovraconsolidati			
1.02	89.86	3.29	0.04	-0.10	27.31	3.66	0.00	88.87	3.67	24.22	Sabbie limose - Limi Sabbiosi			
1.04	92.91	2.93	0.04	-0.10	31.71	3.15	0.00	91.92	3.16	22.02	Sabbie limose - Limi Sabbiosi			
1.06	95.84	2.52	0.04	-0.10	38.03	2.63	0.00	94.85	2.63	19.61	Sabbie limose - Limi Sabbiosi			
1.08	95.41	2.23	0.04	-0.10	42.78	2.34	0.00	94.42	2.34	18.40	Sabbie limose - Limi Sabbiosi			
1.10	92.69	2.00	0.04	-0.10	46.35	2.16	0.00	91.70	2.16	17.87	Sabbie limose - Limi Sabbiosi			
1.12	87.58	1.69	0.03	-0.10	51.82	1.93	0.00	86.59	1.93	17.33	Sabbie limose - Limi Sabbiosi			
1.14	81.93	1.41	0.02	-0.10	58.11	1.72	0.00	80.94	1.73	16.91	Sabbie limose - Limi Sabbiosi			
1.16	76.60	1.18	0.02	-0.10	64.92	1.54	0.00	75.61	1.54	16.59	Sabbie limose - Limi Sabbiosi			
1.18	71.16	0.99	0.02	-0.10	71.88	1.39	0.00	70.17	1.40	16.46	Sabbie limose - Limi Sabbiosi			
1.20	64.75	0.85	0.02	-0.10	76.18	1.31	0.00	63.76	1.32	16.96	Sabbie limose - Limi Sabbiosi			
1.22	59.09	0.74	0.01	-0.10	79.85	1.25	0.00	58.09	1.26	17.57	Sabbie limose - Limi Sabbiosi			
1.24	53.98	0.64	0.00	-0.10	84.34	1.19	0.00	52.98	1.19	18.14	Sabbie limose - Limi Sabbiosi			

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A			
m	kg/cm ²	kg/cm ²	kg/cm ²		k	k	kg/cm ²	kg/cm ²	kg/cm ²					
1.26	49.75	0.57	0.01	-0.10	87.28	1.15	0.00	48.75	1.15	18.82	Sabbie limose - Limi Sabbiosi			
1.28	46.15	0.50	0.01	-0.10	92.30	1.08	0.00	45.15	1.09	19.27	Sabbie limose - Limi Sabbiosi			
1.30	43.22	0.43	0.01	-0.10	100.51	0.99	0.00	42.22	1.00	19.38	Sabbie limose - Limi Sabbiosi			
1.32	40.51	0.38	0.00	-0.10	106.61	0.94	0.00	39.51	0.94	19.74	Sabbie limose - Limi Sabbiosi			
1.34	38.11	0.33	0.01	-0.10	115.48	0.87	0.00	37.11	0.87	19.90	Sabbie limose - Limi Sabbiosi			
1.36	32.40	0.32	0.01	-0.20	101.25	0.99	0.00	31.40	1.00	23.22	Sabbie limose - Limi Sabbiosi			
1.38	34.58	0.28	0.01	-0.10	123.50	0.81	0.00	33.58	0.82	20.69	Sabbie limose - Limi Sabbiosi			
1.40	33.18	0.26	0.00	-0.10	127.62	0.78	0.00	32.18	0.79	21.01	Sabbie limose - Limi Sabbiosi			
1.42	32.66	0.25	0.00	-0.10	130.64	0.77	0.00	31.66	0.77	21.05	Sabbie limose - Limi Sabbiosi			
1.44	31.91	0.24	0.00	-0.10	132.96	0.75	0.00	30.91	0.76	21.25	Sabbie limose - Limi Sabbiosi			
1.46	31.37	0.22	0.00	-0.10	142.59	0.70	0.00	30.37	0.71	20.97	Sabbie limose - Limi Sabbiosi			
1.48	31.06	0.22	-0.01	-0.10	141.18	0.71	0.00	30.06	0.71	21.18	Sabbie limose - Limi Sabbiosi			
1.50	31.71	0.20	0.00	-0.10	158.55	0.63	0.00	30.71	0.64	20.07	Sabbie limose - Limi Sabbiosi			
1.52	31.51	0.20	-0.01	-0.10	157.55	0.63	0.00	30.51	0.64	20.20	Sabbie limose - Limi Sabbiosi			
1.54	31.18	0.21	-0.01	-0.10	148.48	0.67	0.00	30.18	0.68	20.77	Sabbie limose - Limi Sabbiosi			
1.56	30.22	0.22	-0.01	-0.10	137.36	0.73	0.00	29.22	0.74	21.78	Sabbie limose - Limi Sabbiosi			
1.58	28.93	0.23	-0.01	-0.10	125.78	0.80	0.00	27.93	0.80	23.11	Sabbie limose - Limi Sabbiosi			
1.60	27.63	0.24	-0.01	-0.10	115.13	0.87	0.00	26.63	0.88	24.52	Sabbie limose - Limi Sabbiosi			
1.62	25.89	0.24	-0.01	-0.10	107.88	0.93	0.00	24.89	0.94	26.10	Sabbie limose - Limi Sabbiosi			
1.64	24.06	0.24	-0.01	-0.10	100.25	1.00	0.00	23.06	1.01	27.96	Sabbie limose - Limi Sabbiosi			
1.66	22.87	0.23	-0.02	-0.10	99.43	1.01	0.00	21.86	1.02	28.90	Sabbie limose - Limi Sabbiosi			
1.68	22.33	0.21	-0.01	-0.10	106.33	0.94	0.00	21.33	0.95	28.68	Sabbie limose - Limi Sabbiosi			
1.70	22.24	0.18	-0.01	-0.10	123.56	0.81	0.00	21.24	0.82	27.43	Sabbie limose - Limi Sabbiosi			
1.72	22.36	0.16	-0.01	-0.10	139.75	0.72	0.00	21.36	0.73	26.33	Sabbie limose - Limi Sabbiosi			
1.74	22.59	0.15	-0.01	-0.10	150.60	0.66	0.00	21.59	0.67	25.58	Sabbie limose - Limi Sabbiosi			
1.76	22.60	0.15	-0.02	-0.10	150.67	0.66	0.00	21.59	0.67	25.57	Sabbie limose - Limi Sabbiosi			
1.78	23.14	0.15	-0.01	-0.10	154.27	0.65	0.00	22.14	0.66	25.01	Sabbie limose - Limi Sabbiosi			
1.80	24.13	0.15	-0.01	-0.10	160.87	0.62	0.00	23.13	0.63	24.03	Sabbie limose - Limi Sabbiosi			
1.82	25.02	0.14	-0.02	-0.10	178.71	0.56	0.00	24.01	0.57	22.72	Sabbie limose - Limi Sabbiosi			
1.84	26.11	0.13	-0.01	-0.10	200.85	0.50	0.00	25.11	0.50	21.31	Sabbie limose - Limi Sabbiosi			
1.86	27.31	0.13	-0.01	-0.10	210.08	0.48	0.00	26.31	0.48	20.37	Sabbie limose - Limi Sabbiosi			
1.88	27.98	0.13	-0.01	-0.10	215.23	0.46	0.00	26.98	0.47	19.88	Sabbie limose - Limi Sabbiosi			
1.90	28.54	0.12	-0.01	-0.10	237.83	0.42	0.00	27.54	0.43	19.02	Sabbie limose - Limi Sabbiosi			

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A			
m	kg/cm ²	kg/cm ²	kg/cm ²		k	k	kg/cm ²	kg/cm ²	kg/cm ²					
1.92	28.87	0.13	-0.02	-0.10	222.08	0.45	0.00	27.86	0.46	19.25	Sabbie limose - Limi Sabbiosi			
1.94	28.99	0.13	-0.02	-0.10	223.00	0.45	0.00	27.98	0.45	19.17	Sabbie limose - Limi Sabbiosi			
1.96	29.76	0.14	-0.02	-0.10	212.57	0.47	0.00	28.75	0.48	19.09	Sabbie limose - Limi Sabbiosi			
1.98	30.77	0.14	-0.02	-0.10	219.79	0.45	0.00	29.76	0.46	18.43	Sabbie limose - Limi Sabbiosi			
2.00	31.65	0.14	-0.02	-0.10	226.07	0.44	0.00	30.64	0.45	17.89	Sabbie limose - Limi Sabbiosi			
2.02	31.98	0.15	-0.02	-0.10	213.20	0.47	0.00	30.97	0.48	18.09	Sabbie limose - Limi Sabbiosi			
2.04	31.86	0.14	-0.07	-0.10	227.57	0.44	0.00	30.84	0.45	17.78	Sabbie limose - Limi Sabbiosi			
2.06	32.52	0.14	-0.07	-0.10	232.29	0.43	0.00	31.50	0.44	17.39	Sabbie limose - Limi Sabbiosi			
2.08	33.39	0.14	-0.07	-0.10	238.50	0.42	0.00	32.37	0.42	16.90	Sabbie limose - Limi Sabbiosi			
2.10	34.81	0.14	-0.07	-0.10	248.64	0.40	0.00	33.79	0.41	16.15	Sabbie limose - Limi Sabbiosi			
2.12	36.01	0.15	-0.07	-0.10	240.07	0.42	0.00	34.99	0.42	15.91	Sabbie limose - Limi Sabbiosi			
2.14	36.88	0.15	-0.07	-0.10	245.87	0.41	0.00	35.86	0.41	15.49	Sabbie limose - Limi Sabbiosi			
2.16	37.54	0.16	-0.07	-0.10	234.63	0.43	0.00	36.52	0.43	15.52	Sabbie limose - Limi Sabbiosi			
2.18	38.52	0.17	-0.07	-0.10	226.59	0.44	0.00	37.50	0.45	15.39	Sabbie limose - Limi Sabbiosi			
2.20	39.06	0.18	-0.07	-0.10	217.00	0.46	0.00	38.04	0.47	15.46	Sabbie limose - Limi Sabbiosi			
2.22	39.40	0.22	-0.07	-0.10	179.09	0.56	0.00	38.38	0.56	16.47	Sabbie limose - Limi Sabbiosi			
2.24	38.54	0.30	-0.07	-0.10	128.47	0.78	0.00	37.52	0.79	19.00	Sabbie limose - Limi Sabbiosi			
2.26	41.47	0.43	-0.07	-0.10	96.44	1.04	0.00	40.45	1.05	20.31	Sabbie limose - Limi Sabbiosi			
2.28	44.19	0.45	-0.07	-0.10	98.20	1.02	0.00	43.17	1.03	19.34	Sabbie limose - Limi Sabbiosi			
2.30	44.41	0.46	-0.06	-0.10	96.54	1.04	0.00	43.39	1.05	19.42	Sabbie limose - Limi Sabbiosi			
2.32	43.97	0.46	-0.06	0.00	95.59	1.05	0.00	42.95	1.06	19.63	Sabbie limose - Limi Sabbiosi			
2.34	43.33	0.44	-0.06	-0.10	98.48	1.02	0.00	42.31	1.03	19.57	Sabbie limose - Limi Sabbiosi			
2.36	43.22	0.42	-0.07	0.00	102.90	0.97	0.00	42.20	0.98	19.25	Sabbie limose - Limi Sabbiosi			
2.38	44.42	0.35	-0.06	0.00	126.91	0.79	0.00	43.40	0.80	17.31	Sabbie limose - Limi Sabbiosi			
2.40	46.05	0.24	-0.06	0.00	191.88	0.52	0.00	45.03	0.53	14.23	Sabbie - Sabbie limose			
2.42	47.14	0.20	-0.06	0.00	235.70	0.42	0.00	46.12	0.43	12.87	Sabbie - Sabbie limose			
2.44	47.03	0.21	-0.06	0.00	223.95	0.45	0.00	46.01	0.45	13.16	Sabbie - Sabbie limose			
2.46	45.97	0.21	-0.06	0.00	218.90	0.46	0.00	44.95	0.46	13.53	Sabbie - Sabbie limose			
2.48	45.11	0.23	-0.06	0.00	196.13	0.51	0.00	44.09	0.52	14.34	Sabbie - Sabbie limose			
2.50	44.25	0.25	-0.06	0.00	177.00	0.56	0.00	43.23	0.57	15.16	Sabbie limose - Limi Sabbiosi			
2.52	42.19	0.34	-0.06	0.00	124.09	0.81	0.00	41.17	0.82	18.11	Sabbie limose - Limi Sabbiosi			
2.54	41.76	0.36	-0.06	0.00	116.00	0.86	0.00	40.74	0.87	18.75	Sabbie limose - Limi Sabbiosi			
2.56	41.11	0.36	-0.06	0.00	114.19	0.88	0.00	40.09	0.89	19.07	Sabbie limose - Limi Sabbiosi			

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A			
m	kg/cm ²	kg/cm ²	kg/cm ²		k	k	kg/cm ²	kg/cm ²	kg/cm ²					
2.58	40.04	0.35	-0.06	0.00	114.40	0.87	0.00	39.02	0.89	19.39	Sabbie limose - Limi Sabbiosi			
2.60	39.39	0.32	-0.07	0.00	123.09	0.81	0.00	38.37	0.82	19.05	Sabbie limose - Limi Sabbiosi			
2.62	39.19	0.29	-0.06	0.00	135.14	0.74	0.00	38.17	0.75	18.43	Sabbie limose - Limi Sabbiosi			
2.64	40.07	0.27	-0.07	0.00	148.41	0.67	0.00	39.05	0.68	17.49	Sabbie limose - Limi Sabbiosi			
2.66	41.80	0.21	-0.06	0.00	199.05	0.50	0.00	40.78	0.51	15.14	Sabbie - Sabbie limose			
2.68	42.79	0.19	-0.06	0.00	225.21	0.44	0.00	41.77	0.45	14.19	Sabbie - Sabbie limose			
2.70	43.55	0.18	-0.06	0.00	241.94	0.41	0.00	42.53	0.42	13.62	Sabbie - Sabbie limose			
2.72	44.64	0.19	-0.06	0.00	234.95	0.43	0.00	43.62	0.43	13.50	Sabbie - Sabbie limose			
2.74	45.75	0.20	-0.06	0.00	228.75	0.44	0.00	44.73	0.44	13.36	Sabbie - Sabbie limose			
2.76	47.27	0.21	-0.06	0.00	225.10	0.44	0.00	46.25	0.45	13.08	Sabbie - Sabbie limose			
2.78	49.01	0.22	-0.06	0.00	222.77	0.45	0.00	47.99	0.45	12.74	Sabbie - Sabbie limose			
2.80	50.64	0.23	-0.06	0.00	220.17	0.45	0.00	49.62	0.46	12.46	Sabbie - Sabbie limose			
2.82	51.95	0.24	-0.06	0.00	216.46	0.46	0.00	50.93	0.47	12.27	Sabbie - Sabbie limose			
2.84	53.16	0.24	-0.06	0.00	221.50	0.45	0.00	52.14	0.46	11.92	Sabbie - Sabbie limose			
2.86	54.47	0.25	-0.06	0.00	217.88	0.46	0.00	53.45	0.46	11.75	Sabbie - Sabbie limose			
2.88	55.99	0.25	-0.05	0.00	223.96	0.45	0.00	54.97	0.45	11.34	Sabbie - Sabbie limose			
2.90	58.18	0.26	-0.05	0.00	223.77	0.45	0.00	57.16	0.45	10.96	Sabbie - Sabbie limose			
2.92	59.06	0.26	-0.04	0.00	227.15	0.44	0.00	58.05	0.44	10.74	Sabbie - Sabbie limose			
2.94	57.65	0.26	-0.05	0.00	221.73	0.45	0.00	56.63	0.46	11.10	Sabbie - Sabbie limose			
2.96	55.16	0.26	-0.05	0.00	212.15	0.47	0.00	54.14	0.48	11.76	Sabbie - Sabbie limose			
2.98	52.02	0.27	-0.06	0.00	192.67	0.52	0.00	51.00	0.53	12.88	Sabbie - Sabbie limose			
3.00	49.85	0.27	-0.06	0.00	184.63	0.54	0.00	48.83	0.55	13.58	Sabbie - Sabbie limose			
3.02	48.25	0.28	-0.06	0.00	172.32	0.58	0.00	47.23	0.59	14.35	Sabbie - Sabbie limose			
3.04	48.27	0.22	-0.07	0.00	219.41	0.46	0.00	47.25	0.46	12.99	Sabbie - Sabbie limose			
3.06	51.31	0.24	-0.07	0.00	213.79	0.47	0.00	50.29	0.47	12.48	Sabbie - Sabbie limose			
3.08	55.22	0.25	-0.07	0.00	220.88	0.45	0.00	54.20	0.46	11.55	Sabbie - Sabbie limose			
3.10	60.21	0.25	-0.06	0.00	240.84	0.42	0.00	59.19	0.42	10.28	Sabbie - Sabbie limose			
3.12	63.26	0.25	-0.06	0.00	253.04	0.40	0.00	62.24	0.40	9.60	Sabbie - Sabbie limose			
3.14	62.72	0.25	-0.07	0.00	250.88	0.40	0.00	61.70	0.40	9.72	Sabbie - Sabbie limose			
3.16	60.33	0.25	-0.07	0.00	241.32	0.41	0.00	59.31	0.42	10.26	Sabbie - Sabbie limose			
3.18	58.16	0.25	-0.07	0.00	232.64	0.43	0.00	57.14	0.43	10.78	Sabbie - Sabbie limose			
3.20	57.21	0.25	-0.08	0.00	228.84	0.44	0.00	56.18	0.44	11.03	Sabbie - Sabbie limose			
3.22	55.90	0.25	-0.08	0.00	223.60	0.45	0.00	54.87	0.45	11.37	Sabbie - Sabbie limose			

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²		k	k	kg/cm ²	kg/cm ²	kg/cm ²				
3.24	54.17	0.26	-0.08	0.00	208.35	0.48	0.00	53.14	0.49	12.05	Sabbie - Sabbie limose		
3.26	52.22	0.25	-0.08	0.00	208.88	0.48	0.00	51.19	0.49	12.42	Sabbie - Sabbie limose		
3.28	50.70	0.24	-0.09	0.00	211.25	0.47	0.00	49.67	0.48	12.67	Sabbie - Sabbie limose		
3.30	50.37	0.22	-0.08	0.00	228.95	0.44	0.00	49.34	0.44	12.33	Sabbie - Sabbie limose		
3.32	50.81	0.20	-0.09	0.00	254.05	0.39	0.00	49.78	0.40	11.73	Sabbie - Sabbie limose		
3.34	52.23	0.20	-0.08	0.00	261.15	0.38	0.00	51.20	0.39	11.32	Sabbie - Sabbie limose		
3.36	53.64	0.20	-0.08	0.00	268.20	0.37	0.00	52.61	0.38	10.93	Sabbie - Sabbie limose		
3.38	55.27	0.19	-0.08	0.00	290.89	0.34	0.00	54.24	0.35	10.28	Sabbie - Sabbie limose		
3.40	57.01	0.19	-0.08	0.00	300.05	0.33	0.00	55.98	0.34	9.86	Sabbie - Sabbie limose		
3.42	58.00	0.19	-0.08	0.00	305.26	0.33	0.00	56.97	0.33	9.62	Sabbie - Sabbie limose		
3.44	58.00	0.21	-0.08	0.00	276.19	0.36	0.00	56.97	0.37	10.04	Sabbie - Sabbie limose		
3.46	57.36	0.21	-0.09	0.10	273.14	0.37	0.00	56.33	0.37	10.19	Sabbie - Sabbie limose		
3.48	57.04	0.21	-0.08	0.10	271.62	0.37	0.00	56.01	0.37	10.27	Sabbie - Sabbie limose		
3.50	57.37	0.21	-0.09	0.10	273.19	0.37	0.00	56.34	0.37	10.19	Sabbie - Sabbie limose		
3.52	59.23	0.21	-0.08	0.10	282.05	0.35	0.00	58.20	0.36	9.75	Sabbie - Sabbie limose		
3.54	62.81	0.21	-0.08	0.10	299.10	0.33	0.00	61.78	0.34	8.97	Sabbie - Sabbie limose		
3.56	66.08	0.21	-0.08	0.10	314.67	0.32	0.00	65.05	0.32	8.32	Sabbie - Sabbie limose		
3.58	66.74	0.21	-0.08	0.10	317.81	0.31	0.00	65.71	0.32	8.20	Sabbie - Sabbie limose		
3.60	65.02	0.22	-0.08	0.10	295.55	0.34	0.00	63.99	0.34	8.71	Sabbie - Sabbie limose		
3.62	63.08	0.23	-0.08	0.10	274.26	0.36	0.00	62.05	0.37	9.28	Sabbie - Sabbie limose		
3.64	61.57	0.24	-0.09	0.10	256.54	0.39	0.00	60.54	0.39	9.80	Sabbie - Sabbie limose		
3.66	60.28	0.25	-0.09	0.10	241.12	0.41	0.00	59.25	0.42	10.28	Sabbie - Sabbie limose		
3.68	59.22	0.26	-0.10	0.10	227.77	0.44	0.00	58.19	0.44	10.72	Sabbie - Sabbie limose		
3.70	58.69	0.26	-0.09	0.10	225.73	0.44	0.00	57.66	0.45	10.85	Sabbie - Sabbie limose		
3.72	58.48	0.26	-0.10	0.10	224.92	0.44	0.00	57.45	0.45	10.91	Sabbie - Sabbie limose		
3.74	58.05	0.26	-0.10	0.10	223.27	0.45	0.00	57.02	0.45	11.01	Sabbie - Sabbie limose		
3.76	58.40	0.27	-0.10	0.10	216.30	0.46	0.00	57.37	0.47	11.11	Sabbie - Sabbie limose		
3.78	59.28	0.26	-0.10	0.10	228.00	0.44	0.00	58.25	0.44	10.71	Sabbie - Sabbie limose		
3.80	59.61	0.26	-0.10	0.10	229.27	0.44	0.00	58.58	0.44	10.63	Sabbie - Sabbie limose		
3.82	59.83	0.26	-0.10	0.10	230.12	0.43	0.00	58.80	0.44	10.57	Sabbie - Sabbie limose		
3.84	59.19	0.26	-0.10	0.10	227.65	0.44	0.00	58.16	0.45	10.73	Sabbie - Sabbie limose		
3.86	57.90	0.26	-0.11	0.10	222.69	0.45	0.00	56.86	0.46	11.06	Sabbie - Sabbie limose		
3.88	55.75	0.27	-0.11	0.10	206.48	0.48	0.00	54.71	0.49	11.82	Sabbie - Sabbie limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²		k	k	kg/cm ²	kg/cm ²	kg/cm ²				
3.90	53.90	0.27	-0.11	0.10	199.63	0.50	0.00	52.86	0.51	12.34	Sabbie - Sabbie limose		
3.92	52.83	0.26	-0.11	0.10	203.19	0.49	0.00	51.79	0.50	12.46	Sabbie - Sabbie limose		
3.94	52.29	0.26	-0.11	0.10	201.12	0.50	0.00	51.25	0.51	12.62	Sabbie - Sabbie limose		
3.96	51.97	0.24	-0.11	0.10	216.54	0.46	0.00	50.93	0.47	12.30	Sabbie - Sabbie limose		
3.98	51.33	0.23	-0.11	0.10	223.17	0.45	0.00	50.29	0.46	12.27	Sabbie - Sabbie limose		
4.00	50.68	0.21	-0.11	0.10	241.33	0.41	0.00	49.64	0.42	12.02	Sabbie - Sabbie limose		
4.02	49.72	0.20	-0.11	0.10	248.60	0.40	0.00	48.68	0.41	12.08	Sabbie - Sabbie limose		
4.04	47.56	0.19	-0.16	0.20	250.32	0.40	0.00	46.50	0.41	12.53	Sabbie - Sabbie limose		
4.06	49.29	0.18	-0.15	0.20	273.83	0.37	0.01	48.23	0.37	11.73	Sabbie - Sabbie limose		
4.08	50.59	0.18	-0.16	0.20	281.06	0.36	0.01	49.53	0.36	11.34	Sabbie - Sabbie limose		
4.10	52.22	0.19	-0.15	0.20	274.84	0.36	0.01	51.16	0.37	11.12	Sabbie - Sabbie limose		
4.12	56.14	0.20	-0.15	0.20	280.70	0.36	0.01	55.07	0.36	10.30	Sabbie - Sabbie limose		
4.14	63.19	0.20	-0.14	0.20	315.95	0.32	0.01	62.13	0.32	8.72	Sabbie - Sabbie limose		
4.16	74.04	0.22	-0.13	0.20	336.55	0.30	0.02	72.98	0.30	7.13	Sabbie - Sabbie limose		
4.18	83.70	0.21	-0.13	0.20	398.57	0.25	0.02	82.63	0.25	5.63	Sabbie - Sabbie limose		
4.20	89.23	0.20	-0.12	0.20	446.15	0.22	0.02	88.17	0.23	4.85	Sabbie - Sabbie limose		
4.22	92.16	0.20	-0.12	0.20	460.80	0.22	0.02	91.09	0.22	4.55	Sabbie - Sabbie limose		
4.24	93.68	0.21	-0.12	0.20	446.10	0.22	0.02	92.61	0.23	4.52	Sabbie - Sabbie limose		
4.26	93.36	0.22	-0.12	0.20	424.36	0.24	0.03	92.29	0.24	4.67	Sabbie - Sabbie limose		
4.28	94.23	0.24	-0.12	0.20	392.63	0.25	0.03	93.16	0.26	4.83	Sabbie - Sabbie limose		
4.30	97.81	0.28	-0.11	0.30	349.32	0.29	0.03	96.74	0.29	4.92	Sabbie - Sabbie limose		
4.32	102.36	0.30	-0.11	0.30	341.20	0.29	0.03	101.29	0.30	4.68	Sabbie - Sabbie limose		
4.34	103.56	0.32	-0.11	0.30	323.63	0.31	0.03	102.48	0.31	4.77	Sabbie - Sabbie limose		
4.36	93.37	0.42	-0.11	0.30	222.31	0.45	0.04	92.29	0.45	6.93	Sabbie - Sabbie limose		
4.38	94.56	0.35	-0.11	0.30	270.17	0.37	0.04	93.48	0.37	6.04	Sabbie - Sabbie limose		
4.40	90.11	0.36	-0.11	0.30	250.31	0.40	0.04	89.03	0.40	6.70	Sabbie - Sabbie limose		
4.42	86.75	0.36	-0.11	0.30	240.97	0.41	0.04	85.66	0.42	7.15	Sabbie - Sabbie limose		
4.44	84.04	0.36	-0.12	0.30	233.44	0.43	0.04	82.95	0.43	7.54	Sabbie - Sabbie limose		
4.46	82.41	0.38	-0.11	0.30	216.87	0.46	0.05	81.32	0.47	8.02	Sabbie - Sabbie limose		
4.48	80.56	0.38	-0.11	0.30	212.00	0.47	0.05	79.47	0.48	8.31	Sabbie - Sabbie limose		
4.50	77.53	0.37	-0.12	0.30	209.54	0.48	0.05	76.43	0.48	8.69	Sabbie - Sabbie limose		
4.52	74.80	0.35	-0.11	0.30	213.71	0.47	0.05	73.70	0.47	8.91	Sabbie - Sabbie limose		
4.54	71.76	0.34	-0.12	0.30	211.06	0.47	0.05	70.66	0.48	9.33	Sabbie - Sabbie limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²		k	k	kg/cm ²	kg/cm ²	kg/cm ²				
4.56	69.81	0.31	-0.12	0.30	225.19	0.44	0.06	68.71	0.45	9.27	Sabbie - Sabbie limose		
4.58	67.21	0.28	-0.12	0.30	240.04	0.42	0.06	66.10	0.42	9.32	Sabbie - Sabbie limose		
4.60	62.75	0.27	-0.13	0.30	232.41	0.43	0.06	61.64	0.44	10.10	Sabbie - Sabbie limose		
4.62	58.62	0.25	-0.13	0.30	234.48	0.43	0.06	57.51	0.43	10.71	Sabbie - Sabbie limose		
4.64	56.56	0.24	-0.12	0.30	235.67	0.42	0.06	55.45	0.43	11.04	Sabbie - Sabbie limose		
4.66	54.83	0.22	-0.13	0.30	249.23	0.40	0.07	53.71	0.41	11.09	Sabbie - Sabbie limose		
4.68	53.07	0.21	-0.12	0.30	252.71	0.40	0.07	51.95	0.40	11.35	Sabbie - Sabbie limose		
4.70	51.33	0.21	-0.12	0.30	244.43	0.41	0.07	50.21	0.42	11.86	Sabbie - Sabbie limose		
4.72	50.47	0.21	-0.13	0.30	240.33	0.42	0.07	49.35	0.42	12.12	Sabbie - Sabbie limose		
4.74	49.82	0.20	-0.13	0.30	249.10	0.40	0.07	48.69	0.41	12.08	Sabbie - Sabbie limose		
4.76	49.82	0.20	-0.12	0.30	249.10	0.40	0.08	48.70	0.41	12.08	Sabbie - Sabbie limose		
4.78	50.47	0.20	-0.12	0.30	252.35	0.40	0.08	49.34	0.40	11.89	Sabbie - Sabbie limose		
4.80	51.99	0.20	-0.11	0.30	259.95	0.38	0.08	50.86	0.39	11.44	Sabbie - Sabbie limose		
4.82	54.59	0.19	-0.12	0.40	287.32	0.35	0.08	53.46	0.35	10.50	Sabbie - Sabbie limose		
4.84	59.04	0.19	-0.11	0.40	310.74	0.32	0.08	57.91	0.33	9.42	Sabbie - Sabbie limose		
4.86	65.98	0.19	-0.11	0.40	347.26	0.29	0.09	64.85	0.29	8.00	Sabbie - Sabbie limose		
4.88	75.64	0.20	-0.10	0.40	378.20	0.26	0.09	74.51	0.27	6.58	Sabbie - Sabbie limose		
4.90	83.63	0.20	-0.09	0.40	418.15	0.24	0.09	82.50	0.24	5.51	Sabbie - Sabbie limose		
4.92	91.61	0.20	-0.08	0.40	458.05	0.22	0.09	90.48	0.22	4.61	Sabbie - Sabbie limose		
4.94	93.24	0.21	-0.09	0.40	444.00	0.23	0.09	92.11	0.23	4.57	Sabbie - Sabbie limose		
4.96	89.45	0.22	-0.09	0.40	406.59	0.25	0.10	88.32	0.25	5.10	Sabbie - Sabbie limose		
4.98	82.40	0.24	-0.10	0.40	343.33	0.29	0.10	81.26	0.30	6.23	Sabbie - Sabbie limose		
5.00	78.39	0.25	-0.10	0.40	313.56	0.32	0.10	77.25	0.32	6.93	Sabbie - Sabbie limose		
5.02	77.20	0.26	-0.10	0.40	296.92	0.34	0.10	76.06	0.34	7.26	Sabbie - Sabbie limose		
5.04	73.44	0.28	-0.08	0.40	262.29	0.38	0.10	72.30	0.39	8.16	Sabbie - Sabbie limose		
5.06	82.02	0.25	-0.08	0.50	328.08	0.30	0.11	80.88	0.31	6.42	Sabbie - Sabbie limose		
5.08	87.44	0.23	-0.07	0.50	380.17	0.26	0.11	86.30	0.27	5.46	Sabbie - Sabbie limose		
5.10	91.46	0.23	-0.08	0.50	397.65	0.25	0.11	90.32	0.25	5.01	Sabbie - Sabbie limose		
5.12	93.42	0.22	-0.07	0.50	424.64	0.24	0.11	92.28	0.24	4.68	Sabbie - Sabbie limose		
5.14	92.98	0.22	-0.07	0.50	422.64	0.24	0.11	91.84	0.24	4.72	Sabbie - Sabbie limose		
5.16	90.16	0.23	-0.08	0.50	392.00	0.26	0.12	89.01	0.26	5.15	Sabbie - Sabbie limose		
5.18	86.69	0.25	-0.08	0.50	346.76	0.29	0.12	85.54	0.29	5.81	Sabbie - Sabbie limose		
5.20	85.93	0.28	-0.08	0.50	306.89	0.33	0.12	84.78	0.33	6.30	Sabbie - Sabbie limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²		k	k	kg/cm ²	kg/cm ²	kg/cm ²				
5.22	86.79	0.29	-0.08	0.50	299.28	0.33	0.12	85.64	0.34	6.31	Sabbie - Sabbie limose		
5.24	89.61	0.29	-0.07	0.50	309.00	0.32	0.12	88.46	0.33	5.96	Sabbie - Sabbie limose		
5.26	93.30	0.31	-0.06	0.50	300.97	0.33	0.13	92.15	0.34	5.76	Sabbie - Sabbie limose		
5.28	94.58	0.30	-0.06	0.50	315.27	0.32	0.13	93.43	0.32	5.50	Sabbie - Sabbie limose		
5.30	91.98	0.29	-0.06	0.50	317.17	0.32	0.13	90.83	0.32	5.68	Sabbie - Sabbie limose		
5.32	86.77	0.28	-0.06	0.50	309.89	0.32	0.13	85.61	0.33	6.19	Sabbie - Sabbie limose		
5.34	83.07	0.25	-0.07	0.50	332.28	0.30	0.13	81.91	0.31	6.28	Sabbie - Sabbie limose		
5.36	82.53	0.24	-0.06	0.50	343.88	0.29	0.14	81.37	0.29	6.22	Sabbie - Sabbie limose		
5.38	84.16	0.22	-0.06	0.60	382.55	0.26	0.14	83.00	0.26	5.73	Sabbie - Sabbie limose		
5.40	86.64	0.21	-0.06	0.60	412.57	0.24	0.14	85.48	0.25	5.29	Sabbie - Sabbie limose		
5.42	89.90	0.22	-0.05	0.60	408.64	0.24	0.14	88.74	0.25	5.06	Sabbie - Sabbie limose		
5.44	95.86	0.22	-0.04	0.60	435.73	0.23	0.14	94.70	0.23	4.44	Sabbie - Sabbie limose		
5.46	101.17	0.20	-0.04	0.60	505.85	0.20	0.15	100.01	0.20	3.72	Sabbie - Sabbie limose		
5.48	104.86	0.22	-0.02	0.60	476.64	0.21	0.15	103.70	0.21	3.63	Sabbie - Sabbie limose		
5.50	104.85	0.21	-0.02	0.60	499.29	0.20	0.15	103.69	0.20	3.52	Sabbie - Sabbie limose		
5.52	102.14	0.22	-0.02	0.60	464.27	0.22	0.15	100.98	0.22	3.86	Sabbie - Sabbie limose		
5.54	97.47	0.22	-0.03	0.60	443.05	0.23	0.15	96.31	0.23	4.28	Sabbie - Sabbie limose		
5.56	89.86	0.22	-0.04	0.60	408.45	0.24	0.16	88.69	0.25	5.06	Sabbie - Sabbie limose		
5.58	80.63	0.24	-0.04	0.60	335.96	0.30	0.16	79.46	0.30	6.48	Sabbie - Sabbie limose		
5.60	73.36	0.25	-0.04	0.60	293.44	0.34	0.16	72.19	0.35	7.73	Sabbie - Sabbie limose		
5.62	69.12	0.26	-0.04	0.60	265.85	0.38	0.16	67.95	0.38	8.64	Sabbie - Sabbie limose		
5.64	69.23	0.28	-0.04	0.60	247.25	0.40	0.16	68.05	0.41	8.94	Sabbie - Sabbie limose		
5.66	73.35	0.27	-0.03	0.60	271.67	0.37	0.17	72.18	0.37	8.04	Sabbie - Sabbie limose		
5.68	80.29	0.29	-0.02	0.60	276.86	0.36	0.17	79.12	0.37	7.22	Sabbie - Sabbie limose		
5.70	86.58	0.29	-0.01	0.60	298.55	0.33	0.17	85.41	0.34	6.34	Sabbie - Sabbie limose		
5.72	92.38	0.29	-0.01	0.60	318.55	0.31	0.17	91.21	0.32	5.64	Sabbie - Sabbie limose		
5.74	98.18	0.29	-0.01	0.60	338.55	0.30	0.17	97.01	0.30	5.01	Sabbie - Sabbie limose		
5.76	107.84	0.30	0.01	0.60	359.47	0.28	0.18	106.67	0.28	4.19	Sabbie - Sabbie limose		
5.78	114.66	0.31	0.02	0.60	369.87	0.27	0.18	113.49	0.27	3.72	Sabbie - Sabbie limose		
5.80	116.72	0.32	0.02	0.60	364.75	0.27	0.18	115.55	0.28	3.65	Sabbie - Sabbie limose		
5.82	114.87	0.35	0.02	0.60	328.20	0.30	0.18	113.70	0.31	4.07	Sabbie - Sabbie limose		
5.84	111.40	0.38	0.02	0.60	293.16	0.34	0.18	110.23	0.34	4.63	Sabbie - Sabbie limose		
5.86	107.39	0.37	0.01	0.60	290.24	0.34	0.19	106.21	0.35	4.91	Sabbie - Sabbie limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²		k	k	kg/cm ²	kg/cm ²	kg/cm ²				
5.88	100.86	0.36	0.00	0.60	280.17	0.36	0.19	99.68	0.36	5.46	Sabbie - Sabbie limose		
5.90	92.51	0.36	0.00	0.60	256.97	0.39	0.19	91.33	0.39	6.42	Sabbie - Sabbie limose		
5.92	84.81	0.35	0.00	0.60	242.31	0.41	0.19	83.63	0.42	7.33	Sabbie - Sabbie limose		
5.94	77.64	0.34	-0.01	0.60	228.35	0.44	0.19	76.45	0.45	8.31	Sabbie - Sabbie limose		
5.96	72.21	0.34	-0.01	0.60	212.38	0.47	0.20	71.02	0.48	9.27	Sabbie - Sabbie limose		
5.98	68.63	0.33	-0.01	0.60	207.97	0.48	0.20	67.44	0.49	9.83	Sabbie - Sabbie limose		
6.00	66.67	0.32	-0.01	0.60	208.34	0.48	0.20	65.48	0.49	10.09	Sabbie - Sabbie limose		
6.02	65.47	0.31	-0.01	0.60	211.19	0.47	0.20	64.28	0.48	10.20	Sabbie - Sabbie limose		
6.04	65.47	0.28	-0.01	0.60	233.82	0.43	0.20	64.27	0.44	9.71	Sabbie - Sabbie limose		
6.06	66.73	0.26	0.00	0.60	256.65	0.39	0.21	65.54	0.40	9.11	Sabbie - Sabbie limose		
6.08	67.99	0.23	0.00	0.60	295.61	0.34	0.21	66.79	0.34	8.36	Sabbie - Sabbie limose		
6.10	69.29	0.22	0.00	0.70	314.95	0.32	0.21	68.09	0.32	7.96	Sabbie - Sabbie limose		
6.12	70.70	0.21	0.00	0.70	336.67	0.30	0.21	69.50	0.30	7.54	Sabbie - Sabbie limose		
6.14	72.12	0.20	0.00	0.70	360.60	0.28	0.21	70.92	0.28	7.14	Sabbie - Sabbie limose		
6.16	72.34	0.20	0.00	0.70	361.70	0.28	0.22	71.14	0.28	7.11	Sabbie - Sabbie limose		
6.18	71.80	0.21	0.00	0.70	341.90	0.29	0.22	70.60	0.30	7.36	Sabbie - Sabbie limose		
6.20	73.64	0.22	0.00	0.70	334.73	0.30	0.22	72.44	0.30	7.23	Sabbie - Sabbie limose		
6.22	80.04	0.24	0.01	0.70	333.50	0.30	0.22	78.84	0.30	6.57	Sabbie - Sabbie limose		
6.24	92.09	0.26	0.02	0.70	354.19	0.28	0.22	90.89	0.29	5.32	Sabbie - Sabbie limose		
6.26	101.96	0.25	0.04	0.70	407.84	0.25	0.23	100.77	0.25	4.21	Sabbie - Sabbie limose		
6.28	107.50	0.24	0.04	0.70	447.92	0.22	0.23	106.30	0.23	3.62	Sabbie - Sabbie limose		
6.30	108.90	0.25	0.04	0.70	435.60	0.23	0.23	107.70	0.23	3.61	Sabbie - Sabbie limose		
6.32	106.52	0.25	0.04	0.70	426.08	0.23	0.23	105.32	0.24	3.81	Sabbie - Sabbie limose		
6.34	100.65	0.28	0.03	0.70	359.46	0.28	0.23	99.45	0.28	4.66	Sabbie - Sabbie limose		
6.36	92.29	0.31	0.02	0.70	297.71	0.34	0.24	91.08	0.34	5.89	Sabbie - Sabbie limose		
6.38	84.37	0.33	0.02	0.70	255.67	0.39	0.24	83.16	0.40	7.15	Sabbie - Sabbie limose		
6.40	77.10	0.34	0.02	0.70	226.76	0.44	0.24	75.89	0.45	8.41	Sabbie - Sabbie limose		
6.42	69.94	0.34	0.01	0.70	205.71	0.49	0.24	68.72	0.50	9.73	Sabbie - Sabbie limose		
6.44	63.32	0.33	0.01	0.70	191.88	0.52	0.24	62.10	0.53	11.02	Sabbie - Sabbie limose		
6.46	58.65	0.31	0.00	0.70	189.19	0.53	0.25	57.43	0.54	11.85	Sabbie - Sabbie limose		
6.48	56.15	0.29	0.01	0.70	193.62	0.52	0.25	54.93	0.53	12.17	Sabbie - Sabbie limose		
6.50	55.61	0.31	0.01	0.70	179.39	0.56	0.25	54.39	0.57	12.70	Sabbie - Sabbie limose		
6.52	59.73	0.35	0.02	0.70	170.66	0.59	0.25	58.51	0.60	12.25	Sabbie - Sabbie limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²		k	k	kg/cm ²	kg/cm ²	kg/cm ²				
6.54	76.33	0.44	0.05	0.60	173.48	0.58	0.25	75.12	0.59	9.82	Sabbie - Sabbie limose		
6.56	65.25	0.19	0.05	0.60	343.42	0.29	0.26	64.04	0.30	8.17	Sabbie - Sabbie limose		
6.58	71.10	0.44	0.06	0.60	161.59	0.62	0.26	69.89	0.63	10.86	Sabbie - Sabbie limose		
6.60	81.30	0.48	0.08	0.70	169.38	0.59	0.26	80.10	0.60	9.39	Sabbie - Sabbie limose		
6.62	79.11	0.39	0.07	0.70	202.85	0.49	0.26	77.90	0.50	8.71	Sabbie - Sabbie limose		
6.64	80.63	0.58	0.07	0.70	139.02	0.72	0.26	79.42	0.73	10.59	Sabbie - Sabbie limose		
6.66	84.21	0.58	0.08	0.70	145.19	0.69	0.27	83.00	0.70	9.95	Sabbie - Sabbie limose		
6.68	92.24	0.59	0.09	0.70	156.34	0.64	0.27	91.03	0.65	8.77	Sabbie - Sabbie limose		
6.70	102.22	0.57	0.10	0.70	179.33	0.56	0.27	101.02	0.57	7.26	Sabbie - Sabbie limose		
6.72	105.04	0.38	0.10	0.60	276.42	0.36	0.27	103.84	0.37	5.24	Sabbie - Sabbie limose		
6.74	108.61	0.29	0.10	0.60	374.52	0.27	0.27	107.40	0.27	4.04	Sabbie - Sabbie limose		
6.76	112.08	0.26	0.12	0.60	431.08	0.23	0.28	110.88	0.23	3.46	Sabbie - Sabbie limose		
6.78	110.77	0.30	0.13	0.60	369.23	0.27	0.28	109.57	0.27	3.95	Sabbie - Sabbie limose		
6.80	107.49	0.36	0.12	0.60	298.58	0.33	0.28	106.29	0.34	4.81	Sabbie - Sabbie limose		
6.82	105.76	0.36	0.12	0.60	293.78	0.34	0.28	104.56	0.34	4.98	Sabbie - Sabbie limose		
6.84	104.45	0.35	0.12	0.60	298.43	0.34	0.28	103.25	0.34	5.01	Sabbie - Sabbie limose		
6.86	109.98	0.36	0.14	0.60	305.50	0.33	0.29	108.78	0.33	4.58	Sabbie - Sabbie limose		
6.88	129.95	0.50	0.15	0.60	259.90	0.38	0.29	128.75	0.39	4.09	Sabbie - Sabbie limose		
6.90	169.87	0.95	0.18	0.50	178.81	0.56	0.29	168.68	0.56	4.00	Sabbie - Sabbie limose		
6.92	177.34	0.87	0.20	0.50	203.84	0.49	0.29	176.16	0.49	3.24	Sabbie - Sabbie limose		
6.94	192.71	0.45	0.22	0.60	428.24	0.23	0.29	191.53	0.24	0.69	Sabbie - Sabbie limose		
6.96	213.56	0.40	0.26	0.50	533.90	0.19	0.30	212.40	0.19	0.00	Sabbie		
6.98	206.52	0.38	0.25	0.50	543.47	0.18	0.30	205.35	0.19	0.00	Sabbie		
7.00	201.00	1.15	0.25	0.50	174.78	0.57	0.30	199.83	0.58	3.21	Sabbie - Sabbie limose		
7.02	176.69	2.05	0.23	0.50	86.19	1.16	0.30	175.51	1.17	7.66	Sabbie - Sabbie limose		
7.04	179.31	1.87	0.25	0.50	95.89	1.04	0.30	178.14	1.05	6.89	Sabbie - Sabbie limose		
7.06	163.66	1.93	0.25	0.60	84.80	1.18	0.31	162.49	1.19	8.26	Sabbie - Sabbie limose		
7.08	164.10	1.46	0.23	0.60	112.40	0.89	0.31	162.92	0.90	6.50	Sabbie - Sabbie limose		
7.10	168.11	1.34	0.23	0.60	125.46	0.80	0.31	166.93	0.80	5.75	Sabbie - Sabbie limose		
7.12	158.13	1.16	0.19	0.70	136.32	0.73	0.31	156.93	0.74	5.68	Sabbie - Sabbie limose		
7.14	174.95	0.64	0.19	0.60	273.36	0.37	0.31	173.75	0.37	2.29	Sabbie - Sabbie limose		
7.16	169.39	0.69	0.18	0.70	245.49	0.41	0.32	168.19	0.41	2.80	Sabbie - Sabbie limose		
7.18	162.34	0.87	0.17	0.80	186.60	0.54	0.32	161.13	0.54	4.07	Sabbie - Sabbie limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²		k	k	kg/cm ²	kg/cm ²	kg/cm ²				
7.20	161.68	1.03	0.19	0.70	156.97	0.64	0.32	160.48	0.64	4.86	Sabbie - Sabbie limose		
7.22	172.96	1.34	0.21	0.80	129.07	0.77	0.32	171.76	0.78	5.43	Sabbie - Sabbie limose		
7.24	178.91	0.77	0.22	0.80	232.35	0.43	0.32	177.72	0.43	2.72	Sabbie - Sabbie limose		
7.26	179.57	0.78	0.23	0.90	230.22	0.43	0.33	178.38	0.44	2.73	Sabbie - Sabbie limose		
7.28	171.19	0.81	0.23	1.00	211.35	0.47	0.33	170.00	0.48	3.29	Sabbie - Sabbie limose		
7.30	175.39	0.89	0.24	1.20	197.07	0.51	0.33	174.20	0.51	3.43	Sabbie - Sabbie limose		
7.32	162.90	0.85	0.25	1.20	191.65	0.52	0.33	161.71	0.53	3.94	Sabbie - Sabbie limose		
7.34	161.56	1.16	0.26	1.30	139.28	0.72	0.33	160.38	0.72	5.44	Sabbie - Sabbie limose		
7.36	169.15	1.25	0.28	1.30	135.32	0.74	0.34	167.97	0.75	5.32	Sabbie - Sabbie limose		
7.38	171.84	1.21	0.28	1.40	142.02	0.70	0.34	170.66	0.71	4.99	Sabbie - Sabbie limose		
7.40	169.27	0.81	0.29	1.40	208.98	0.48	0.34	168.09	0.48	3.39	Sabbie - Sabbie limose		
7.42	172.86	0.76	0.30	1.50	227.45	0.44	0.34	171.69	0.44	2.97	Sabbie - Sabbie limose		
7.44	174.38	0.54	0.30	1.60	322.93	0.31	0.34	173.20	0.31	1.82	Sabbie - Sabbie limose		
7.46	174.51	0.74	0.27	1.60	235.82	0.42	0.35	173.32	0.43	2.79	Sabbie - Sabbie limose		
7.48	177.98	0.63	0.25	1.60	282.51	0.35	0.35	176.79	0.36	2.11	Sabbie - Sabbie limose		
7.50	179.50	0.47	0.25	1.70	381.91	0.26	0.35	178.30	0.26	1.25	Sabbie - Sabbie limose		
7.52	188.18	0.39	0.24	1.80	482.51	0.21	0.35	186.98	0.21	0.55	Sabbie		
7.54	182.98	0.36	0.24	1.80	508.28	0.20	0.35	181.78	0.20	0.58	Sabbie		
7.56	174.06	0.52	0.23	1.80	334.73	0.30	0.36	172.85	0.30	1.73	Sabbie - Sabbie limose		
7.58	172.64	0.35	0.31	2.00	493.26	0.20	0.36	171.46	0.20	0.89	Sabbie - Sabbie limose		
7.60	175.89	0.17	0.32	2.10	1034.65	0.10	0.36	174.71	0.10	0.00	Sabbie		
7.62	166.03	0.15	0.33	2.10	1106.87	0.09	0.36	164.86	0.09	0.06	Sabbie		
7.64	172.02	0.20	0.34	2.20	860.10	0.12	0.36	170.85	0.12	0.11	Sabbie		
7.66	162.58	0.72	0.33	2.30	225.81	0.44	0.37	161.40	0.45	3.32	Sabbie - Sabbie limose		
7.68	172.13	0.36	0.33	2.30	478.14	0.21	0.37	170.95	0.21	0.96	Sabbie - Sabbie limose		
7.70	185.48	0.31	0.35	2.40	598.32	0.17	0.37	184.31	0.17	0.25	Sabbie		
7.72	188.52	0.45	0.36	2.40	418.93	0.24	0.37	187.35	0.24	0.83	Sabbie - Sabbie limose		
7.74	191.35	0.80	0.34	2.40	239.19	0.42	0.37	190.17	0.42	2.29	Sabbie - Sabbie limose		
7.76	182.88	1.08	0.33	2.40	169.33	0.59	0.38	181.70	0.60	3.83	Sabbie - Sabbie limose		
7.78	215.42	1.39	0.35	2.40	154.98	0.65	0.38	214.24	0.65	3.38	Sabbie - Sabbie limose		
7.80	244.61	1.86	0.33	2.30	131.51	0.76	0.00	243.72	0.77	3.52	Sabbie - Sabbie limose		

PROVA ... Nr.4						Prova eseguita in data: 16/07/2016						
Committente: DIPIERRI RE, Abitare Villanova srl, Castenaso Immobiliare srl						Profondità prova: 5,98 mt						
Strumento utilizzato: TECNO PENTA TP CPL2IN						Località: Villanova di Castenaso						
Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A	
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%		
0.02	0.70	-0.01	0.03	0.00	-70.00	-1.43	0.00	-0.29	-1.41	0.00	Terreni fini sensitivi	
0.04	0.69	0.00	0.03	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	Terreni fini sensitivi	
0.06	0.79	-0.01	0.03	0.00	-79.00	-1.27	0.00	-0.20	-1.26	0.00	Terreni fini sensitivi	
0.08	1.99	0.00	0.02	0.00	0.00	0.00	0.00	1.00	0.00	117.04	Terreni fini sensitivi	
0.10	3.94	0.01	0.11	0.00	394.00	0.25	0.00	2.98	0.25	62.62	Terreni fini sensitivi	
0.12	3.39	0.03	0.04	0.00	113.00	0.88	0.00	2.40	0.89	81.26	Terreni fini sensitivi	
0.14	4.58	0.02	0.08	0.00	229.00	0.44	0.00	3.61	0.44	61.01	Terreni fini sensitivi	
0.16	5.02	0.02	0.08	0.00	251.00	0.40	0.00	4.05	0.40	57.02	Terreni fini sensitivi	
0.18	5.45	0.01	0.08	0.00	545.00	0.18	0.00	4.48	0.18	49.55	Terreni fini sensitivi	
0.20	5.66	0.02	0.07	0.00	283.00	0.35	0.00	4.68	0.35	52.19	Terreni fini sensitivi	
0.22	6.09	0.01	0.05	0.00	609.00	0.16	0.00	5.11	0.16	45.77	Terreni fini sensitivi	
0.24	6.96	0.01	0.03	0.00	696.00	0.14	0.00	5.97	0.14	41.56	Terreni fini sensitivi	
0.26	8.48	0.05	0.03	0.00	169.60	0.59	0.00	7.49	0.59	44.78	Limi argillosi - Argille Limose	
0.28	4.03	0.19	-0.16	0.00	21.21	4.71	0.00	2.98	4.84	103.81	Argille - Argille limose	
0.30	3.92	0.17	-0.14	0.00	23.06	4.34	0.00	2.87	4.45	103.19	Argille - Argille limose	
0.32	3.79	0.13	-0.07	0.00	29.15	3.43	0.00	2.77	3.50	99.36	Argille - Argille limose	
0.34	3.14	0.13	-0.05	0.00	24.15	4.14	0.00	2.12	4.24	113.48	Argille - Argille limose	
0.36	4.23	0.14	0.02	0.00	30.21	3.31	0.00	3.24	3.35	92.96	Argille - Argille limose	
0.38	23.16	0.11	0.08	0.00	210.55	0.47	0.00	22.19	0.48	22.73	Sabbie limose - Limi Sabbiosi	
0.40	42.09	0.09	0.15	0.00	467.67	0.21	0.00	41.14	0.21	11.27	Sabbie - Sabbie limose	
0.42	41.65	0.22	0.11	0.00	189.32	0.53	0.00	40.69	0.53	15.39	Sabbie limose - Limi Sabbiosi	
0.44	42.08	0.28	0.10	0.00	150.29	0.67	0.00	41.11	0.67	16.71	Sabbie limose - Limi Sabbiosi	
0.46	42.61	0.28	0.09	0.00	152.18	0.66	0.00	41.64	0.66	16.48	Sabbie limose - Limi Sabbiosi	
0.48	43.14	0.33	0.09	0.00	130.73	0.76	0.00	42.17	0.77	17.37	Sabbie limose - Limi Sabbiosi	
0.50	43.62	0.44	0.09	0.00	99.14	1.01	0.00	42.65	1.01	19.34	Sabbie limose - Limi Sabbiosi	
0.52	44.10	0.55	0.09	0.00	80.18	1.25	0.00	43.13	1.25	21.02	Sabbie limose - Limi Sabbiosi	
0.54	43.45	0.62	0.09	0.00	70.08	1.43	0.00	42.48	1.43	22.47	Sabbie limose - Limi Sabbiosi	
0.56	43.11	0.64	0.08	0.00	67.36	1.48	0.00	42.14	1.49	22.96	Sabbie limose - Limi Sabbiosi	
0.58	42.35	0.70	0.08	0.00	60.50	1.65	0.00	41.38	1.66	24.28	Sabbie limose - Limi Sabbiosi	
0.60	40.29	0.84	0.08	0.00	47.96	2.08	0.00	39.32	2.09	27.51	Sabbie limose - Limi Sabbiosi	

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
0.62	39.63	0.92	0.07	0.00	43.08	2.32	0.00	38.65	2.33	29.02	Limi argillosi - Argille Limose		
0.64	40.38	1.03	0.07	0.00	39.20	2.55	0.00	39.40	2.56	29.91	Limi argillosi - Argille Limose		
0.66	41.12	1.15	0.07	0.00	35.76	2.80	0.00	40.14	2.80	30.81	Limi argillosi - Argille Limose		
0.68	42.29	1.36	0.08	0.00	31.10	3.22	0.00	41.32	3.22	32.25	Limi argillosi - Argille Limose		
0.70	43.37	1.65	0.08	0.00	26.28	3.80	0.00	42.40	3.81	34.24	Limi argillosi - Argille Limose		
0.72	44.86	1.96	0.08	0.00	22.89	4.37	0.00	43.89	4.38	35.78	Limi argillosi - Argille Limose		
0.74	46.14	2.20	0.06	0.00	20.97	4.77	0.00	45.16	4.78	36.71	Limi argillosi - Argille Limose		
0.76	47.41	2.44	0.01	0.00	19.43	5.15	0.00	46.41	5.16	37.52	Limi argillosi - Argille Limose		
0.78	48.36	2.62	-0.06	0.00	18.46	5.42	0.00	47.34	5.44	38.06	Limi argillosi - Argille Limose		
0.80	49.85	2.64	-0.05	0.00	18.88	5.30	0.00	48.83	5.31	37.23	Limi argillosi - Argille Limose		
0.82	50.90	2.58	-0.02	0.00	19.73	5.07	0.00	49.89	5.09	36.21	Limi argillosi - Argille Limose		
0.84	52.82	2.49	-0.01	0.00	21.21	4.71	0.00	51.82	4.73	34.53	Limi argillosi - Argille Limose		
0.86	53.86	2.31	0.02	0.00	23.32	4.29	0.00	52.87	4.30	32.83	Limi argillosi - Argille Limose		
0.88	55.35	2.07	0.03	0.00	26.74	3.74	0.00	54.36	3.75	30.49	Limi argillosi - Argille Limose		
0.90	56.17	1.81	0.04	0.00	31.03	3.22	0.00	55.18	3.23	28.28	Limi argillosi - Argille Limose		
0.92	56.78	1.53	0.06	0.00	37.11	2.69	0.00	55.80	2.70	25.89	Sabbie limose - Limi Sabbiosi		
0.94	56.64	1.34	0.06	0.00	42.27	2.37	0.00	55.66	2.37	24.39	Sabbie limose - Limi Sabbiosi		
0.96	56.39	1.14	0.07	0.00	49.46	2.02	0.00	55.41	2.03	22.70	Sabbie limose - Limi Sabbiosi		
0.98	55.91	0.93	0.08	0.00	60.12	1.66	0.00	54.94	1.67	20.80	Sabbie limose - Limi Sabbiosi		
1.00	54.81	0.71	0.08	0.00	77.20	1.30	0.00	53.84	1.30	18.71	Sabbie limose - Limi Sabbiosi		
1.02	46.44	0.59	0.09	0.00	78.71	1.27	0.00	45.47	1.28	20.55	Sabbie limose - Limi Sabbiosi		
1.04	53.51	0.47	0.07	0.00	113.85	0.88	0.00	52.53	0.88	15.87	Sabbie limose - Limi Sabbiosi		
1.06	53.72	0.46	0.06	0.00	116.78	0.86	0.00	52.74	0.86	15.64	Sabbie limose - Limi Sabbiosi		
1.08	53.30	0.45	0.05	0.00	118.44	0.84	0.00	52.32	0.85	15.63	Sabbie limose - Limi Sabbiosi		
1.10	53.62	0.42	0.04	0.00	127.67	0.78	0.00	52.63	0.79	15.04	Sabbie limose - Limi Sabbiosi		
1.12	54.06	0.41	0.05	0.00	131.85	0.76	0.00	53.08	0.76	14.73	Sabbie limose - Limi Sabbiosi		
1.14	54.27	0.42	0.04	0.00	129.21	0.77	0.00	53.28	0.78	14.83	Sabbie limose - Limi Sabbiosi		
1.16	53.84	0.43	0.04	0.00	125.21	0.80	0.00	52.85	0.80	15.13	Sabbie limose - Limi Sabbiosi		
1.18	53.08	0.44	0.04	0.00	120.64	0.83	0.00	52.09	0.83	15.55	Sabbie limose - Limi Sabbiosi		
1.20	52.65	0.45	0.03	0.00	117.00	0.85	0.00	51.66	0.86	15.86	Sabbie limose - Limi Sabbiosi		
1.22	52.43	0.45	0.03	0.00	116.51	0.86	0.00	51.44	0.86	15.94	Sabbie limose - Limi Sabbiosi		
1.24	51.79	0.44	0.03	0.00	117.70	0.85	0.00	50.80	0.85	16.01	Sabbie limose - Limi Sabbiosi		
1.26	51.13	0.44	0.03	0.00	116.20	0.86	0.00	50.14	0.86	16.25	Sabbie limose - Limi Sabbiosi		
1.28	50.49	0.44	0.03	0.00	114.75	0.87	0.00	49.50	0.88	16.48	Sabbie limose - Limi Sabbiosi		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
1.30	49.94	0.44	0.03	0.00	113.50	0.88	0.00	48.95	0.89	16.69	Sabbie limose - Limi Sabbiosi		
1.32	49.73	0.43	0.03	0.00	115.65	0.86	0.00	48.74	0.87	16.60	Sabbie limose - Limi Sabbiosi		
1.34	49.40	0.42	0.03	0.00	117.62	0.85	0.00	48.41	0.85	16.56	Sabbie limose - Limi Sabbiosi		
1.36	46.68	0.43	0.00	0.00	108.56	0.92	0.00	45.68	0.93	17.83	Sabbie limose - Limi Sabbiosi		
1.38	46.80	0.37	-0.01	0.00	126.49	0.79	0.00	45.80	0.80	16.67	Sabbie limose - Limi Sabbiosi		
1.40	47.23	0.34	-0.01	0.00	138.91	0.72	0.00	46.23	0.72	15.91	Sabbie limose - Limi Sabbiosi		
1.42	47.35	0.33	-0.01	0.00	143.48	0.70	0.00	46.35	0.70	15.67	Sabbie limose - Limi Sabbiosi		
1.44	46.70	0.32	-0.01	0.00	145.94	0.69	0.00	45.70	0.69	15.72	Sabbie limose - Limi Sabbiosi		
1.46	46.61	0.32	-0.01	0.00	145.66	0.69	0.00	45.61	0.69	15.75	Sabbie limose - Limi Sabbiosi		
1.48	46.50	0.33	-0.02	0.00	140.91	0.71	0.00	45.49	0.71	16.00	Sabbie limose - Limi Sabbiosi		
1.50	46.07	0.33	-0.03	0.00	139.61	0.72	0.00	45.06	0.72	16.18	Sabbie limose - Limi Sabbiosi		
1.52	45.54	0.34	-0.03	0.00	133.94	0.75	0.00	44.53	0.75	16.60	Sabbie limose - Limi Sabbiosi		
1.54	43.70	0.35	-0.03	0.00	124.86	0.80	0.00	42.69	0.81	17.59	Sabbie limose - Limi Sabbiosi		
1.56	42.84	0.36	-0.04	0.00	119.00	0.84	0.00	41.83	0.85	18.20	Sabbie limose - Limi Sabbiosi		
1.58	41.76	0.35	-0.05	0.00	119.31	0.84	0.00	40.74	0.84	18.50	Sabbie limose - Limi Sabbiosi		
1.60	39.38	0.36	-0.06	0.00	109.39	0.91	0.00	38.36	0.92	19.93	Sabbie limose - Limi Sabbiosi		
1.62	38.08	0.36	-0.07	0.00	105.78	0.95	0.00	37.06	0.95	20.64	Sabbie limose - Limi Sabbiosi		
1.64	35.69	0.37	-0.07	0.00	96.46	1.04	0.00	34.67	1.05	22.30	Sabbie limose - Limi Sabbiosi		
1.66	33.32	0.42	-0.08	0.00	79.33	1.26	0.00	32.29	1.27	25.08	Sabbie limose - Limi Sabbiosi		
1.68	31.15	0.48	-0.09	0.00	64.90	1.54	0.00	30.12	1.56	28.14	Sabbie limose - Limi Sabbiosi		
1.70	29.97	0.52	-0.10	0.00	57.63	1.74	0.00	28.94	1.76	30.06	Sabbie limose - Limi Sabbiosi		
1.72	29.75	0.54	-0.06	0.00	55.09	1.82	0.00	28.73	1.84	30.68	Limi argillosi - Argille Limose		
1.74	29.11	0.52	-0.09	0.00	55.98	1.79	0.00	28.08	1.81	30.87	Limi argillosi - Argille Limose		
1.76	27.70	0.50	-0.10	0.00	55.40	1.81	0.00	26.67	1.83	31.82	Limi argillosi - Argille Limose		
1.78	25.22	0.47	-0.11	0.00	53.66	1.86	0.00	24.18	1.89	33.82	Limi argillosi - Argille Limose		
1.80	24.04	0.42	-0.11	0.00	57.24	1.75	0.00	23.00	1.78	33.91	Limi argillosi - Argille Limose		
1.82	22.80	0.37	-0.13	0.00	61.62	1.62	0.00	21.76	1.65	34.01	Limi argillosi - Argille Limose		
1.84	21.57	0.33	-0.14	0.00	65.36	1.53	0.00	20.52	1.56	34.36	Limi argillosi - Argille Limose		
1.86	19.30	0.30	-0.16	0.00	64.33	1.55	0.00	18.25	1.59	36.67	Limi argillosi - Argille Limose		
1.88	18.22	0.32	-0.16	0.00	56.94	1.76	0.00	17.17	1.80	39.30	Limi argillosi - Argille Limose		
1.90	17.81	0.38	-0.16	0.00	46.87	2.13	0.00	16.76	2.19	42.31	Limi argillosi - Argille Limose		
1.92	17.93	0.45	-0.13	0.00	39.84	2.51	0.00	16.89	2.57	44.42	Limi argillosi - Argille Limose		
1.94	18.26	0.51	-0.01	0.00	35.80	2.79	0.00	17.26	2.85	45.52	Limi argillosi - Argille Limose		
1.96	18.16	0.56	0.01	0.00	32.43	3.08	0.00	17.16	3.15	47.14	Limi argillosi - Argille Limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
1.98	17.53	0.59	0.01	0.00	29.71	3.37	0.00	16.53	3.44	49.30	Argille - Argille limose		
2.00	18.10	0.61	0.02	0.00	29.67	3.37	0.00	17.11	3.45	48.61	Argille - Argille limose		
2.02	19.30	0.61	0.09	0.00	31.64	3.16	0.00	18.33	3.22	46.17	Limi argillosi - Argille Limose		
2.04	23.89	0.64	0.32	0.00	37.33	2.68	0.00	23.00	2.71	39.37	Limi argillosi - Argille Limose		
2.06	24.66	0.55	-0.06	0.00	44.84	2.23	0.00	23.64	2.27	36.48	Limi argillosi - Argille Limose		
2.08	23.58	0.65	-0.01	0.00	36.28	2.76	0.00	22.58	2.81	40.18	Limi argillosi - Argille Limose		
2.10	23.15	0.72	0.36	0.00	32.15	3.11	0.00	22.27	3.15	42.11	Limi argillosi - Argille Limose		
2.12	23.15	0.72	0.48	0.00	32.15	3.11	0.00	22.31	3.15	42.05	Limi argillosi - Argille Limose		
2.14	22.83	0.75	0.62	0.00	30.44	3.29	0.00	22.04	3.32	43.08	Limi argillosi - Argille Limose		
2.16	22.62	0.75	0.71	0.00	30.16	3.32	0.00	21.86	3.34	43.35	Limi argillosi - Argille Limose		
2.18	21.97	0.79	0.82	0.00	27.81	3.60	0.00	21.25	3.62	45.13	Limi argillosi - Argille Limose		
2.20	21.43	0.76	0.83	0.00	28.20	3.55	0.00	20.71	3.57	45.40	Limi argillosi - Argille Limose		
2.22	20.99	0.73	0.92	0.00	28.75	3.48	0.00	20.30	3.50	45.46	Limi argillosi - Argille Limose		
2.24	21.21	0.70	0.97	0.00	30.30	3.30	0.00	20.54	3.32	44.41	Limi argillosi - Argille Limose		
2.26	21.64	0.68	0.98	0.00	31.82	3.14	0.00	20.97	3.16	43.27	Limi argillosi - Argille Limose		
2.28	21.01	0.67	0.97	0.00	31.36	3.19	0.00	20.34	3.21	44.08	Limi argillosi - Argille Limose		
2.30	20.01	0.66	0.95	0.00	30.32	3.30	0.00	19.33	3.32	45.59	Limi argillosi - Argille Limose		
2.32	19.06	0.64	0.94	0.00	29.78	3.36	0.00	18.38	3.38	46.88	Limi argillosi - Argille Limose		
2.34	18.62	0.59	0.92	0.00	31.56	3.17	0.00	17.93	3.20	46.47	Limi argillosi - Argille Limose		
2.36	18.73	0.58	0.92	0.00	32.29	3.10	0.00	18.04	3.12	46.00	Limi argillosi - Argille Limose		
2.38	20.04	0.57	0.91	0.00	35.16	2.84	0.00	19.35	2.87	43.36	Limi argillosi - Argille Limose		
2.40	22.65	0.58	0.92	0.00	39.05	2.56	0.00	21.96	2.58	39.49	Limi argillosi - Argille Limose		
2.42	26.24	0.62	0.92	0.00	42.32	2.36	0.00	25.55	2.38	35.76	Limi argillosi - Argille Limose		
2.44	31.01	0.64	0.79	0.00	48.45	2.06	0.00	30.28	2.08	31.31	Limi argillosi - Argille Limose		
2.46	35.57	0.59	0.60	0.00	60.29	1.66	0.00	34.77	1.67	26.78	Sabbie limose - Limi Sabbiosi		
2.48	37.86	0.50	0.55	0.00	75.72	1.32	0.00	37.05	1.33	23.59	Sabbie limose - Limi Sabbiosi		
2.50	39.27	0.43	0.52	0.00	91.33	1.09	0.00	38.45	1.10	21.39	Sabbie limose - Limi Sabbiosi		
2.52	40.37	0.38	0.43	0.00	106.24	0.94	0.00	39.52	0.95	19.79	Sabbie limose - Limi Sabbiosi		
2.54	42.01	0.33	0.43	0.00	127.30	0.79	0.00	41.16	0.79	17.90	Sabbie limose - Limi Sabbiosi		
2.56	44.51	0.26	0.43	0.00	171.19	0.58	0.00	43.66	0.59	15.23	Sabbie limose - Limi Sabbiosi		
2.58	49.29	0.18	0.45	0.00	273.83	0.37	0.00	48.44	0.37	11.64	Sabbie - Sabbie limose		
2.60	55.26	0.15	0.48	0.00	368.40	0.27	0.00	54.42	0.27	9.32	Sabbie - Sabbie limose		
2.62	60.26	0.16	0.48	0.00	376.63	0.27	0.00	59.42	0.27	8.45	Sabbie - Sabbie limose		
2.64	65.05	0.17	0.48	0.00	382.65	0.26	0.00	64.21	0.26	7.72	Sabbie - Sabbie limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
2.66	69.61	0.19	0.48	0.00	366.37	0.27	0.00	68.77	0.27	7.30	Sabbie - Sabbie limose		
2.68	73.64	0.21	0.49	0.00	350.67	0.29	0.00	72.81	0.29	6.98	Sabbie - Sabbie limose		
2.70	75.81	0.24	0.49	0.00	315.88	0.32	0.00	74.98	0.32	7.11	Sabbie - Sabbie limose		
2.72	77.12	0.26	0.49	0.00	296.62	0.34	0.00	76.29	0.34	7.20	Sabbie - Sabbie limose		
2.74	78.33	0.28	0.50	0.00	279.75	0.36	0.00	77.50	0.36	7.30	Sabbie - Sabbie limose		
2.76	80.60	0.29	0.51	0.00	277.93	0.36	0.00	79.77	0.36	7.10	Sabbie - Sabbie limose		
2.78	83.11	0.31	0.52	0.00	268.10	0.37	0.00	82.29	0.37	7.00	Sabbie - Sabbie limose		
2.80	86.04	0.33	0.53	0.00	260.73	0.38	0.00	85.22	0.39	6.84	Sabbie - Sabbie limose		
2.82	90.06	0.34	0.56	0.00	264.88	0.38	0.00	89.25	0.38	6.43	Sabbie - Sabbie limose		
2.84	93.65	0.36	0.57	0.00	260.14	0.38	0.00	92.84	0.39	6.21	Sabbie - Sabbie limose		
2.86	96.90	0.36	0.58	0.00	269.17	0.37	0.00	96.10	0.37	5.84	Sabbie - Sabbie limose		
2.88	100.27	0.37	0.60	0.00	271.00	0.37	0.00	99.47	0.37	5.57	Sabbie - Sabbie limose		
2.90	104.06	0.39	0.62	0.00	266.82	0.37	0.00	103.27	0.38	5.37	Sabbie - Sabbie limose		
2.92	107.43	0.40	0.64	0.00	268.58	0.37	0.00	106.65	0.37	5.13	Sabbie - Sabbie limose		
2.94	110.90	0.41	0.67	0.00	270.49	0.37	0.00	110.13	0.37	4.89	Sabbie - Sabbie limose		
2.96	114.04	0.43	0.69	0.00	265.21	0.38	0.00	113.27	0.38	4.78	Sabbie - Sabbie limose		
2.98	116.97	0.46	0.71	0.00	254.28	0.39	0.00	116.21	0.39	4.77	Sabbie - Sabbie limose		
3.00	119.03	0.49	0.74	0.00	242.92	0.41	0.00	118.28	0.41	4.83	Sabbie - Sabbie limose		
3.02	117.29	0.54	0.75	0.00	217.20	0.46	0.00	116.55	0.46	5.37	Sabbie - Sabbie limose		
3.04	119.99	0.55	0.81	0.00	218.16	0.46	0.00	119.27	0.46	5.20	Sabbie - Sabbie limose		
3.06	119.74	0.49	0.77	0.00	244.37	0.41	0.00	119.00	0.41	4.77	Sabbie - Sabbie limose		
3.08	123.75	0.53	0.69	0.00	233.49	0.43	0.00	122.98	0.43	4.74	Sabbie - Sabbie limose		
3.10	126.90	0.55	0.64	0.00	230.73	0.43	0.00	126.12	0.43	4.63	Sabbie - Sabbie limose		
3.12	130.26	0.56	0.62	0.00	232.61	0.43	0.00	129.47	0.43	4.44	Sabbie - Sabbie limose		
3.14	133.52	0.57	0.61	0.00	234.25	0.43	0.00	132.73	0.43	4.26	Sabbie - Sabbie limose		
3.16	137.43	0.58	0.59	0.00	236.95	0.42	0.00	136.63	0.42	4.05	Sabbie - Sabbie limose		
3.18	140.57	0.60	0.58	0.00	234.28	0.43	0.00	139.77	0.43	3.96	Sabbie - Sabbie limose		
3.20	143.29	0.61	0.57	0.00	234.90	0.43	0.00	142.48	0.43	3.84	Sabbie - Sabbie limose		
3.22	144.47	0.63	0.57	0.00	229.32	0.44	0.00	143.66	0.44	3.88	Sabbie - Sabbie limose		
3.24	143.48	0.65	0.57	0.00	220.74	0.45	0.00	142.67	0.45	4.06	Sabbie - Sabbie limose		
3.26	137.95	0.68	0.54	0.00	202.87	0.49	0.00	137.13	0.49	4.63	Sabbie - Sabbie limose		
3.28	129.47	0.69	0.51	0.00	187.64	0.53	0.00	128.64	0.54	5.36	Sabbie - Sabbie limose		
3.30	120.01	0.69	0.49	0.00	173.93	0.57	0.00	119.18	0.58	6.21	Sabbie - Sabbie limose		
3.32	108.83	0.67	0.45	0.00	162.43	0.62	0.00	107.98	0.62	7.23	Sabbie - Sabbie limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
3.34	98.29	0.64	0.43	0.00	153.58	0.65	0.00	97.44	0.65	8.29	Sabbie - Sabbie limose		
3.36	87.54	0.61	0.41	0.00	143.51	0.70	0.00	86.68	0.70	9.60	Sabbie - Sabbie limose		
3.38	76.46	0.58	0.38	0.00	131.83	0.76	0.00	75.59	0.76	11.29	Sabbie - Sabbie limose		
3.40	68.11	0.53	0.37	0.00	128.51	0.78	0.00	67.24	0.78	12.55	Sabbie - Sabbie limose		
3.42	60.82	0.53	0.34	0.00	114.75	0.87	0.00	59.94	0.88	14.46	Sabbie limose - Limi Sabbiosi		
3.44	55.71	0.51	0.33	0.00	109.24	0.92	0.00	54.82	0.93	15.77	Sabbie limose - Limi Sabbiosi		
3.46	52.12	0.49	0.33	0.00	106.37	0.94	0.00	51.23	0.95	16.72	Sabbie limose - Limi Sabbiosi		
3.48	49.07	0.48	0.32	0.00	102.23	0.98	0.00	48.18	0.99	17.73	Sabbie limose - Limi Sabbiosi		
3.50	44.40	0.48	0.29	0.00	92.50	1.08	0.00	43.50	1.10	19.78	Sabbie limose - Limi Sabbiosi		
3.52	38.63	0.47	0.26	0.00	82.19	1.22	0.00	37.72	1.24	22.66	Sabbie limose - Limi Sabbiosi		
3.54	36.02	0.53	0.23	0.00	67.96	1.47	0.00	35.10	1.50	25.50	Sabbie limose - Limi Sabbiosi		
3.56	36.99	0.65	0.20	0.00	56.91	1.76	0.00	36.06	1.79	27.00	Sabbie limose - Limi Sabbiosi		
3.58	43.39	0.75	0.28	0.00	57.85	1.73	0.00	42.49	1.75	24.53	Sabbie limose - Limi Sabbiosi		
3.60	45.45	0.80	0.14	0.00	56.81	1.76	0.00	44.50	1.79	24.12	Sabbie limose - Limi Sabbiosi		
3.62	46.87	0.76	0.29	0.00	61.67	1.62	0.00	45.97	1.64	22.84	Sabbie limose - Limi Sabbiosi		
3.64	46.12	0.69	0.28	0.00	66.84	1.50	0.00	45.22	1.52	22.25	Sabbie limose - Limi Sabbiosi		
3.66	43.84	0.57	0.25	0.00	76.91	1.30	0.00	42.93	1.32	21.59	Sabbie limose - Limi Sabbiosi		
3.68	39.63	0.44	0.23	0.00	90.07	1.11	0.00	38.71	1.13	21.51	Sabbie limose - Limi Sabbiosi		
3.70	36.06	0.32	0.22	0.00	112.69	0.89	0.00	35.13	0.90	20.91	Sabbie limose - Limi Sabbiosi		
3.72	34.76	0.26	0.21	0.00	133.69	0.75	0.00	33.83	0.76	20.09	Sabbie limose - Limi Sabbiosi		
3.74	35.64	0.33	0.20	0.00	108.00	0.93	0.00	34.71	0.94	21.42	Sabbie limose - Limi Sabbiosi		
3.76	37.29	0.39	0.16	0.00	95.62	1.05	0.00	36.34	1.07	21.83	Sabbie limose - Limi Sabbiosi		
3.78	39.90	0.47	0.00	0.00	84.89	1.18	0.00	38.90	1.20	21.99	Sabbie limose - Limi Sabbiosi		
3.80	43.28	0.53	0.00	0.00	81.66	1.22	0.00	42.28	1.25	21.26	Sabbie limose - Limi Sabbiosi		
3.82	46.33	0.60	-0.01	0.00	77.22	1.30	0.00	45.33	1.32	20.89	Sabbie limose - Limi Sabbiosi		
3.84	49.81	0.62	-0.01	0.00	80.34	1.24	0.00	48.81	1.27	19.62	Sabbie limose - Limi Sabbiosi		
3.86	52.23	0.56	-0.01	0.00	93.27	1.07	0.00	51.23	1.09	17.78	Sabbie limose - Limi Sabbiosi		
3.88	53.21	0.40	-0.01	0.00	133.03	0.75	0.00	52.21	0.76	14.93	Sabbie limose - Limi Sabbiosi		
3.90	54.20	0.26	-0.01	0.00	208.46	0.48	0.00	53.20	0.49	12.05	Sabbie - Sabbie limose		
3.92	54.44	0.22	-0.02	0.00	247.45	0.40	0.00	53.43	0.41	11.16	Sabbie - Sabbie limose		
3.94	54.01	0.25	-0.03	0.00	216.04	0.46	0.00	53.00	0.47	11.90	Sabbie - Sabbie limose		
3.96	52.29	0.28	-0.05	0.00	186.75	0.54	0.00	51.27	0.54	13.03	Sabbie - Sabbie limose		
3.98	49.81	0.32	-0.06	0.00	155.66	0.64	0.00	48.79	0.65	14.65	Sabbie - Sabbie limose		
4.00	48.66	0.36	-0.06	0.00	135.17	0.74	0.00	47.64	0.75	15.84	Sabbie limose - Limi Sabbiosi		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
4.02	48.14	0.37	-0.07	0.00	130.11	0.77	0.00	47.11	0.78	16.23	Sabbie limose - Limi Sabbiosi		
4.04	48.49	0.39	-0.08	0.00	124.33	0.80	0.00	47.46	0.82	16.47	Sabbie limose - Limi Sabbiosi		
4.06	48.68	0.37	-0.21	0.00	131.57	0.76	0.01	47.60	0.77	16.05	Sabbie limose - Limi Sabbiosi		
4.08	51.07	0.34	-0.21	0.00	150.21	0.67	0.01	49.99	0.68	14.62	Sabbie - Sabbie limose		
4.10	46.40	0.35	-0.23	0.00	132.57	0.75	0.01	45.31	0.77	16.56	Sabbie limose - Limi Sabbiosi		
4.12	38.83	0.37	-0.25	0.00	104.95	0.95	0.01	37.73	0.98	20.60	Sabbie limose - Limi Sabbiosi		
4.14	32.53	0.48	-0.26	0.00	67.77	1.48	0.01	31.43	1.52	27.24	Sabbie limose - Limi Sabbiosi		
4.16	26.57	0.73	-0.27	0.00	36.40	2.75	0.02	25.46	2.85	38.27	Limi argillosi - Argille Limose		
4.18	20.27	0.96	-0.29	0.00	21.11	4.74	0.02	19.15	4.97	52.54	Argille - Argille limose		
4.20	21.47	1.05	0.21	0.00	20.45	4.89	0.02	20.52	5.08	51.52	Argille - Argille limose		
4.22	31.01	0.78	0.41	0.00	39.76	2.52	0.02	30.12	2.58	34.09	Limi argillosi - Argille Limose		
4.24	38.48	0.67	0.33	0.00	57.43	1.74	0.02	37.56	1.78	26.34	Sabbie limose - Limi Sabbiosi		
4.26	42.28	0.64	0.27	0.00	66.06	1.51	0.03	41.34	1.54	23.57	Sabbie limose - Limi Sabbiosi		
4.28	45.32	0.58	0.22	0.00	78.14	1.28	0.03	44.36	1.30	21.05	Sabbie limose - Limi Sabbiosi		
4.30	49.01	0.52	0.15	0.00	94.25	1.06	0.03	48.03	1.08	18.46	Sabbie limose - Limi Sabbiosi		
4.32	51.83	0.48	0.12	0.00	107.98	0.93	0.03	50.83	0.94	16.73	Sabbie limose - Limi Sabbiosi		
4.34	54.11	0.47	0.09	0.00	115.13	0.87	0.03	53.10	0.88	15.77	Sabbie limose - Limi Sabbiosi		
4.36	54.97	0.44	0.06	0.00	124.93	0.80	0.04	53.95	0.81	15.01	Sabbie limose - Limi Sabbiosi		
4.38	55.40	0.41	0.05	0.00	135.12	0.74	0.04	54.37	0.75	14.40	Sabbie - Sabbie limose		
4.40	52.94	0.27	0.05	0.00	196.07	0.51	0.04	51.91	0.52	12.63	Sabbie - Sabbie limose		
4.42	51.76	0.20	0.04	0.00	258.80	0.39	0.04	50.73	0.39	11.47	Sabbie - Sabbie limose		
4.44	50.46	0.21	0.04	0.00	240.29	0.42	0.04	49.42	0.42	12.09	Sabbie - Sabbie limose		
4.46	49.91	0.24	0.03	0.00	207.96	0.48	0.05	48.87	0.49	12.95	Sabbie - Sabbie limose		
4.48	49.60	0.29	0.03	0.00	171.03	0.58	0.05	48.56	0.60	14.13	Sabbie - Sabbie limose		
4.50	49.49	0.35	0.03	0.00	141.40	0.71	0.05	48.44	0.72	15.36	Sabbie limose - Limi Sabbiosi		
4.52	50.14	0.37	0.03	0.00	135.51	0.74	0.05	49.09	0.75	15.50	Sabbie limose - Limi Sabbiosi		
4.54	52.55	0.35	0.04	0.00	150.14	0.67	0.05	51.50	0.68	14.30	Sabbie - Sabbie limose		
4.56	55.04	0.30	0.04	0.00	183.47	0.55	0.06	53.99	0.55	12.60	Sabbie - Sabbie limose		
4.58	57.97	0.29	0.05	0.00	199.90	0.50	0.06	56.92	0.51	11.61	Sabbie - Sabbie limose		
4.60	61.56	0.27	0.05	0.00	228.00	0.44	0.06	60.51	0.45	10.36	Sabbie - Sabbie limose		
4.62	63.83	0.25	0.05	0.00	255.32	0.39	0.06	62.78	0.40	9.50	Sabbie - Sabbie limose		
4.64	64.49	0.23	0.05	0.00	280.39	0.36	0.06	63.44	0.36	9.01	Sabbie - Sabbie limose		
4.66	63.73	0.22	0.04	0.00	289.68	0.35	0.07	62.67	0.35	8.98	Sabbie - Sabbie limose		
4.68	62.11	0.23	0.04	0.00	270.04	0.37	0.07	61.05	0.38	9.51	Sabbie - Sabbie limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
4.70	60.47	0.26	0.04	0.00	232.58	0.43	0.07	59.41	0.44	10.44	Sabbie - Sabbie limose		
4.72	58.64	0.28	0.04	0.00	209.43	0.48	0.07	57.57	0.49	11.26	Sabbie - Sabbie limose		
4.74	57.12	0.31	0.04	0.00	184.26	0.54	0.07	56.05	0.55	12.20	Sabbie - Sabbie limose		
4.76	57.77	0.33	0.05	0.00	175.06	0.57	0.08	56.70	0.58	12.38	Sabbie - Sabbie limose		
4.78	59.83	0.35	0.05	0.00	170.94	0.58	0.08	58.76	0.59	12.16	Sabbie - Sabbie limose		
4.80	62.32	0.37	0.06	0.00	168.43	0.59	0.08	61.25	0.60	11.83	Sabbie - Sabbie limose		
4.82	64.93	0.38	0.08	0.00	170.87	0.59	0.08	63.87	0.59	11.35	Sabbie - Sabbie limose		
4.84	65.36	0.33	0.08	0.00	198.06	0.50	0.08	64.30	0.51	10.49	Sabbie - Sabbie limose		
4.86	65.25	0.28	0.09	0.00	233.04	0.43	0.09	64.19	0.44	9.72	Sabbie - Sabbie limose		
4.88	65.04	0.24	0.08	0.00	271.00	0.37	0.09	63.97	0.37	9.08	Sabbie - Sabbie limose		
4.90	65.04	0.21	0.09	0.00	309.71	0.32	0.09	63.97	0.33	8.54	Sabbie - Sabbie limose		
4.92	63.30	0.20	0.09	0.00	316.50	0.32	0.09	62.23	0.32	8.70	Sabbie - Sabbie limose		
4.94	59.29	0.20	0.07	0.00	296.45	0.34	0.09	58.21	0.34	9.56	Sabbie - Sabbie limose		
4.96	54.96	0.26	0.06	0.00	211.38	0.47	0.10	53.88	0.48	11.87	Sabbie - Sabbie limose		
4.98	51.48	0.29	0.06	0.00	177.52	0.56	0.10	50.40	0.57	13.52	Sabbie - Sabbie limose		
5.00	49.31	0.37	0.06	0.00	133.27	0.75	0.10	48.22	0.77	15.82	Sabbie limose - Limi Sabbiosi		
5.02	49.64	0.48	0.07	0.00	103.42	0.97	0.10	48.56	0.99	17.61	Sabbie limose - Limi Sabbiosi		
5.04	54.52	0.51	0.09	0.00	106.90	0.94	0.10	53.44	0.95	16.27	Sabbie limose - Limi Sabbiosi		
5.06	6.57	-0.23	-0.03	0.00	-28.57	-3.50	0.11	5.45	-4.18	58.06	Terreni fini sensitivi		
5.08	60.62	0.38	-0.08	0.00	159.53	0.63	0.11	59.48	0.64	12.45	Sabbie - Sabbie limose		
5.10	60.40	0.38	-0.10	0.00	158.95	0.63	0.11	59.25	0.64	12.51	Sabbie - Sabbie limose		
5.12	59.21	0.42	-0.11	0.00	140.98	0.71	0.11	58.06	0.72	13.46	Sabbie - Sabbie limose		
5.14	57.26	0.44	-0.11	0.00	130.14	0.77	0.11	56.10	0.78	14.34	Sabbie - Sabbie limose		
5.16	53.78	0.38	-0.11	0.00	141.53	0.71	0.12	52.62	0.72	14.47	Sabbie - Sabbie limose		
5.18	50.77	0.28	-0.11	0.00	181.32	0.55	0.12	49.61	0.56	13.57	Sabbie - Sabbie limose		
5.20	48.58	0.24	-0.11	0.00	202.42	0.49	0.12	47.42	0.51	13.44	Sabbie - Sabbie limose		
5.22	47.49	0.21	-0.11	0.00	226.14	0.44	0.12	46.33	0.45	13.10	Sabbie - Sabbie limose		
5.24	47.49	0.23	-0.11	0.00	206.48	0.48	0.12	46.32	0.50	13.59	Sabbie - Sabbie limose		
5.26	48.58	0.24	-0.10	0.00	202.42	0.49	0.13	47.42	0.51	13.44	Sabbie - Sabbie limose		
5.28	50.64	0.23	-0.09	0.00	220.17	0.45	0.13	49.48	0.46	12.54	Sabbie - Sabbie limose		
5.30	52.81	0.22	-0.09	0.00	240.05	0.42	0.13	51.65	0.43	11.67	Sabbie - Sabbie limose		
5.32	54.43	0.23	-0.07	0.00	236.65	0.42	0.13	53.27	0.43	11.43	Sabbie - Sabbie limose		
5.34	55.19	0.21	-0.08	0.00	262.81	0.38	0.13	54.03	0.39	10.80	Sabbie - Sabbie limose		
5.36	56.05	0.18	-0.07	0.00	311.39	0.32	0.14	54.89	0.33	9.93	Sabbie - Sabbie limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
5.38	58.44	0.16	-0.06	0.00	365.25	0.27	0.14	57.28	0.28	8.93	Sabbie - Sabbie limose		
5.40	63.00	0.15	-0.05	0.00	420.00	0.24	0.14	61.84	0.24	7.79	Sabbie - Sabbie limose		
5.42	67.66	0.15	-0.04	0.00	451.07	0.22	0.14	66.50	0.23	6.97	Sabbie - Sabbie limose		
5.44	67.45	0.15	-0.04	0.00	449.67	0.22	0.14	66.29	0.23	7.00	Sabbie - Sabbie limose		
5.46	63.87	0.16	-0.04	0.00	399.19	0.25	0.15	62.71	0.26	7.83	Sabbie - Sabbie limose		
5.48	61.15	0.18	-0.05	0.00	339.72	0.29	0.15	59.98	0.30	8.77	Sabbie - Sabbie limose		
5.50	60.28	0.21	-0.05	0.00	287.05	0.35	0.15	59.11	0.36	9.56	Sabbie - Sabbie limose		
5.52	61.04	0.24	-0.04	0.00	254.33	0.39	0.15	59.87	0.40	9.97	Sabbie - Sabbie limose		
5.54	62.88	0.25	-0.03	0.00	251.52	0.40	0.15	61.72	0.41	9.74	Sabbie - Sabbie limose		
5.56	65.37	0.25	-0.02	0.00	261.48	0.38	0.16	64.21	0.39	9.21	Sabbie - Sabbie limose		
5.58	69.61	0.26	-0.01	0.00	267.73	0.37	0.16	68.45	0.38	8.55	Sabbie - Sabbie limose		
5.60	74.81	0.27	0.01	0.00	277.07	0.36	0.16	73.66	0.37	7.79	Sabbie - Sabbie limose		
5.62	80.24	0.30	0.04	0.00	267.47	0.37	0.16	79.09	0.38	7.36	Sabbie - Sabbie limose		
5.64	80.89	0.33	0.04	0.00	245.12	0.41	0.16	79.74	0.41	7.65	Sabbie - Sabbie limose		
5.66	77.19	0.34	0.04	0.00	227.03	0.44	0.17	76.04	0.45	8.38	Sabbie - Sabbie limose		
5.68	73.40	0.36	0.03	0.00	203.89	0.49	0.17	72.25	0.50	9.32	Sabbie - Sabbie limose		
5.70	69.49	0.39	0.02	0.00	178.18	0.56	0.17	68.33	0.57	10.51	Sabbie - Sabbie limose		
5.72	66.34	0.39	0.02	0.00	170.10	0.59	0.17	65.18	0.60	11.20	Sabbie - Sabbie limose		
5.74	65.47	0.40	0.03	0.00	163.68	0.61	0.17	64.31	0.62	11.55	Sabbie - Sabbie limose		
5.76	70.68	0.40	0.04	0.00	176.70	0.57	0.18	69.52	0.58	10.40	Sabbie - Sabbie limose		
5.78	84.45	0.38	0.09	0.00	222.24	0.45	0.18	83.31	0.46	7.73	Sabbie - Sabbie limose		
5.80	100.73	0.38	0.15	0.00	265.08	0.38	0.18	99.61	0.38	5.67	Sabbie - Sabbie limose		
5.82	110.91	0.38	0.14	0.00	291.87	0.34	0.18	109.78	0.35	4.67	Sabbie - Sabbie limose		
5.84	111.56	0.37	0.07	0.00	301.51	0.33	0.18	110.41	0.34	4.53	Sabbie - Sabbie limose		
5.86	107.81	0.34	0.07	0.00	317.09	0.32	0.19	106.66	0.32	4.58	Sabbie - Sabbie limose		
5.88	104.06	0.31	0.07	0.00	335.68	0.30	0.19	102.90	0.30	4.64	Sabbie - Sabbie limose		
5.90	102.00	0.32	0.07	0.00	318.75	0.31	0.19	100.84	0.32	4.94	Sabbie - Sabbie limose		
5.92	103.94	0.36	0.09	0.00	288.72	0.35	0.19	102.79	0.35	5.15	Sabbie - Sabbie limose		
5.94	137.25	0.52	0.22	0.00	263.94	0.38	0.19	136.14	0.38	3.70	Sabbie - Sabbie limose		
5.96	175.99	0.70	0.35	0.00	251.41	0.40	0.20	174.92	0.40	2.52	Sabbie - Sabbie limose		
5.98	243.17	0.81	0.43	0.00	300.21	0.33	0.00	242.32	0.33	0.58	Sabbie		

PROVA ... Nr.6						Prova eseguita in data: 16/07/2016						
Committente: DIPIERRI RE, Abitare Villanova srl; Castenaso Immobiliare srl.						Profondità prova: 12,70 mt						
Strumento utilizzato: TECNO PENTA TP CPL2IN						Località: Villanova di Castenaso						
Falda: - 4.0 m da p.c.												
Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A	
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%		
0.02	-0.36	0.00	-0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00	Stima non eseguibile	
0.04	0.18	0.00	0.01	0.10	0.00	0.00	0.00	-0.82	0.00	0.00	Terreni fini sensitivi	
0.06	0.08	0.00	0.00	-0.10	0.00	0.00	0.00	-0.92	0.00	0.00	Terreni fini sensitivi	
0.08	0.08	0.02	0.03	-0.10	4.00	25.00	0.00	-0.91	23.88	0.00	Terreni organici - Torbe	
0.10	-0.14	0.02	0.01	0.10	-7.00	-14.29	0.00	-1.14	-13.78	0.00	Terreni fini sensitivi	
0.12	-0.25	0.04	0.00	0.10	-6.25	-16.00	0.00	-1.25	-15.35	0.00	Terreni fini sensitivi	
0.14	-0.25	0.03	0.00	0.10	-8.33	-12.00	0.00	-1.25	-11.42	0.00	Terreni fini sensitivi	
0.16	-0.14	0.03	0.00	0.10	-4.67	-21.43	0.00	-1.14	-19.40	0.00	Terreni fini sensitivi	
0.18	-0.25	0.03	0.00	0.10	-8.33	-12.00	0.00	-1.25	-11.25	0.00	Terreni fini sensitivi	
0.20	-0.25	0.04	0.01	0.10	-6.25	-16.00	0.00	-1.25	-15.08	0.00	Terreni fini sensitivi	
0.22	-0.14	0.03	0.01	0.10	-4.67	-21.43	0.00	-1.14	-19.06	0.00	Terreni fini sensitivi	
0.24	0.40	0.05	0.05	0.00	8.00	12.50	0.00	-0.58	12.70	0.00	Terreni organici - Torbe	
0.26	0.18	0.05	0.01	0.10	3.60	27.78	0.00	-0.82	31.69	0.00	Terreni organici - Torbe	
0.28	0.08	0.06	0.00	0.00	1.33	75.00	0.00	-0.92	114.20	0.00	Terreni organici - Torbe	
0.30	-0.15	0.07	-0.01	0.00	-2.14	-46.67	0.00	-1.15	-38.32	0.00	Terreni fini sensitivi	
0.32	0.07	0.07	-0.01	0.00	1.00	100.00	0.00	-0.93	196.24	0.00	Terreni organici - Torbe	
0.34	0.07	0.06	0.00	0.00	1.17	85.71	0.00	-0.93	160.19	0.00	Terreni organici - Torbe	
0.36	0.26	0.07	0.03	0.00	3.71	26.92	0.00	-0.73	29.76	0.00	Terreni organici - Torbe	
0.38	-0.17	0.06	0.08	0.00	-2.83	-35.29	0.00	-1.14	-33.30	0.00	Terreni fini sensitivi	
0.40	0.04	0.03	0.08	0.00	1.33	75.00	0.00	-0.93	109.39	0.00	Terreni organici - Torbe	
0.42	0.14	0.04	0.10	0.00	3.50	28.57	0.00	-0.83	30.27	0.00	Terreni organici - Torbe	
0.44	0.69	0.04	0.18	0.00	17.25	5.80	0.00	-0.25	5.66	0.00	Terreni organici - Torbe	
0.46	3.39	0.04	0.90	0.00	84.75	1.18	0.00	2.70	1.10	80.24	Terreni fini sensitivi	
0.48	33.65	0.09	0.89	-0.10	373.89	0.27	0.00	32.95	0.27	14.50	Sabbie - Sabbie limose	
0.50	37.23	0.19	0.52	-0.10	195.95	0.51	0.00	36.41	0.51	16.47	Sabbie limose - Limi Sabbiosi	
0.52	42.97	0.34	0.35	-0.10	126.38	0.79	0.00	42.09	0.79	17.61	Sabbie limose - Limi Sabbiosi	
0.54	48.27	0.51	0.27	-0.10	94.65	1.06	0.00	47.36	1.06	18.44	Sabbie limose - Limi Sabbiosi	
0.56	52.60	0.74	0.28	-0.10	71.08	1.41	0.00	51.70	1.41	19.89	Sabbie limose - Limi Sabbiosi	
0.58	55.97	0.97	0.28	-0.10	57.70	1.73	0.00	55.07	1.73	21.15	Sabbie limose - Limi Sabbiosi	
0.60	59.00	1.30	0.29	-0.10	45.38	2.20	0.00	58.10	2.20	23.03	Sabbie limose - Limi Sabbiosi	

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
0.62	61.49	1.66	0.29	-0.10	37.04	2.70	0.00	60.59	2.70	24.85	Sabbie limose - Limi Sabbiosi		
0.64	63.74	1.98	0.29	-0.10	32.19	3.11	0.00	62.84	3.11	26.13	Sabbie limose - Limi Sabbiosi		
0.66	65.03	2.10	0.30	-0.10	30.97	3.23	0.00	64.13	3.23	26.37	Limi argillosi - Argille Limose		
0.68	65.45	2.10	0.31	-0.10	31.17	3.21	0.00	64.56	3.21	26.21	Sabbie limose - Limi Sabbiosi		
0.70	64.32	2.03	0.32	-0.10	31.68	3.16	0.00	63.43	3.16	26.21	Sabbie limose - Limi Sabbiosi		
0.72	62.87	1.86	0.33	-0.10	33.80	2.96	0.00	61.98	2.96	25.69	Sabbie limose - Limi Sabbiosi		
0.74	60.02	1.67	0.33	-0.10	35.94	2.78	0.00	59.13	2.78	25.52	Sabbie limose - Limi Sabbiosi		
0.76	56.29	1.44	0.33	-0.10	39.09	2.56	0.00	55.40	2.56	25.32	Sabbie limose - Limi Sabbiosi		
0.78	52.77	1.17	0.33	-0.10	45.10	2.22	0.00	51.88	2.22	24.50	Sabbie limose - Limi Sabbiosi		
0.80	49.58	0.94	0.33	-0.10	52.74	1.90	0.00	48.69	1.90	23.59	Sabbie limose - Limi Sabbiosi		
0.82	47.27	0.84	0.33	-0.10	56.27	1.78	0.00	46.38	1.78	23.52	Sabbie limose - Limi Sabbiosi		
0.84	45.49	0.78	0.34	-0.20	58.32	1.71	0.00	44.61	1.72	23.66	Sabbie limose - Limi Sabbiosi		
0.86	44.58	0.77	0.35	-0.20	57.90	1.73	0.00	43.70	1.73	24.00	Sabbie limose - Limi Sabbiosi		
0.88	42.50	0.82	0.35	-0.20	51.83	1.93	0.00	41.62	1.93	25.84	Sabbie limose - Limi Sabbiosi		
0.90	41.05	0.89	0.34	-0.20	46.12	2.17	0.00	40.17	2.17	27.65	Sabbie limose - Limi Sabbiosi		
0.92	40.58	1.01	0.34	-0.20	40.18	2.49	0.00	39.70	2.49	29.48	Limi argillosi - Argille Limose		
0.94	40.99	1.11	0.35	-0.20	36.93	2.71	0.00	40.11	2.71	30.39	Limi argillosi - Argille Limose		
0.96	41.06	1.23	0.36	-0.20	33.38	3.00	0.00	40.18	3.00	31.68	Limi argillosi - Argille Limose		
0.98	37.18	0.96	0.67	-0.20	38.73	2.58	0.00	36.41	2.58	31.17	Limi argillosi - Argille Limose		
1.00	41.41	1.06	0.68	-0.20	39.07	2.56	0.00	40.64	2.56	29.46	Limi argillosi - Argille Limose		
1.02	39.24	1.19	0.67	-0.20	32.97	3.03	0.00	38.47	3.03	32.46	Limi argillosi - Argille Limose		
1.04	36.75	1.30	0.66	-0.20	28.27	3.54	0.00	35.97	3.53	35.63	Limi argillosi - Argille Limose		
1.06	34.68	1.45	0.65	-0.20	23.92	4.18	0.00	33.90	4.18	39.09	Limi argillosi - Argille Limose		
1.08	31.64	1.60	0.64	-0.20	19.78	5.06	0.00	30.86	5.05	43.77	Argille - Argille limose		
1.10	29.04	1.71	0.63	-0.20	16.98	5.89	0.00	28.25	5.88	48.01	Argille - Argille limose		
1.12	28.17	1.73	0.62	-0.20	16.28	6.14	0.00	27.38	6.14	49.36	Argille - Argille limose		
1.14	28.39	1.74	0.62	-0.20	16.32	6.13	0.00	27.60	6.12	49.18	Argille - Argille limose		
1.16	30.66	1.69	0.64	-0.20	18.14	5.51	0.00	29.88	5.51	45.83	Argille - Argille limose		
1.18	34.76	1.64	0.67	-0.20	21.20	4.72	0.00	33.99	4.71	40.98	Limi argillosi - Argille Limose		
1.20	37.25	1.57	0.67	-0.20	23.73	4.21	0.00	36.48	4.21	38.04	Limi argillosi - Argille Limose		
1.22	38.00	1.49	0.67	-0.20	25.50	3.92	0.00	37.23	3.92	36.63	Limi argillosi - Argille Limose		
1.24	37.89	1.42	0.67	-0.20	26.68	3.75	0.00	37.12	3.75	36.00	Limi argillosi - Argille Limose		
1.26	35.93	1.37	0.66	-0.20	26.23	3.81	0.00	35.15	3.81	37.12	Limi argillosi - Argille Limose		
1.28	34.08	1.38	0.65	-0.20	24.70	4.05	0.00	33.30	4.05	38.91	Limi argillosi - Argille Limose		
1.30	33.74	1.41	0.65	-0.20	23.93	4.18	0.00	32.96	4.18	39.57	Limi argillosi - Argille Limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
1.32	34.72	1.42	0.65	-0.20	24.45	4.09	0.00	33.94	4.09	38.76	Limi argillosi - Argille Limose		
1.34	37.60	1.25	0.53	-0.20	30.08	3.32	0.00	36.78	3.33	34.45	Limi argillosi - Argille Limose		
1.36	38.26	1.17	0.53	-0.20	32.70	3.06	0.00	37.44	3.06	33.02	Limi argillosi - Argille Limose		
1.38	38.26	1.18	0.52	-0.20	32.42	3.08	0.00	37.44	3.09	33.14	Limi argillosi - Argille Limose		
1.40	40.22	1.23	0.53	-0.20	32.70	3.06	0.00	39.40	3.06	32.26	Limi argillosi - Argille Limose		
1.42	41.63	1.21	0.53	-0.20	34.40	2.91	0.00	40.81	2.91	31.07	Limi argillosi - Argille Limose		
1.44	39.79	1.16	0.52	-0.20	34.30	2.92	0.00	38.97	2.92	31.79	Limi argillosi - Argille Limose		
1.46	35.99	1.14	0.50	-0.30	31.57	3.17	0.00	35.16	3.18	34.48	Limi argillosi - Argille Limose		
1.48	31.22	1.17	0.48	-0.30	26.68	3.75	0.00	30.38	3.76	39.30	Limi argillosi - Argille Limose		
1.50	27.42	1.26	0.47	-0.30	21.76	4.60	0.00	26.58	4.61	44.90	Argille - Argille limose		
1.52	24.82	1.33	0.46	-0.30	18.66	5.36	0.00	23.98	5.38	49.50	Argille - Argille limose		
1.54	23.84	1.36	0.46	-0.30	17.53	5.70	0.00	23.00	5.73	51.45	Argille - Argille limose		
1.56	24.60	1.36	0.47	-0.30	18.09	5.53	0.00	23.76	5.56	50.24	Argille - Argille limose		
1.58	25.48	1.34	0.46	-0.30	19.01	5.26	0.00	24.64	5.29	48.65	Argille - Argille limose		
1.60	26.13	1.32	0.46	-0.30	19.80	5.05	0.00	25.29	5.08	47.45	Argille - Argille limose		
1.62	27.76	1.32	0.48	-0.30	21.03	4.76	0.00	26.92	4.78	45.25	Argille - Argille limose		
1.64	30.15	1.29	0.48	-0.30	23.37	4.28	0.00	29.31	4.30	42.00	Limi argillosi - Argille Limose		
1.66	32.42	1.24	0.48	-0.30	26.15	3.82	0.00	31.58	3.84	38.98	Limi argillosi - Argille Limose		
1.68	34.27	1.19	0.48	-0.30	28.80	3.47	0.00	33.43	3.49	36.61	Limi argillosi - Argille Limose		
1.70	36.24	1.17	0.48	-0.30	30.97	3.23	0.00	35.40	3.24	34.66	Limi argillosi - Argille Limose		
1.72	38.85	1.15	0.48	-0.30	33.78	2.96	0.00	38.01	2.97	32.38	Limi argillosi - Argille Limose		
1.74	41.57	1.06	0.49	-0.30	39.22	2.55	0.00	40.74	2.56	29.44	Limi argillosi - Argille Limose		
1.76	43.97	0.98	0.49	-0.30	44.87	2.23	0.00	43.14	2.24	27.02	Sabbie limose - Limi Sabbiosi		
1.78	46.35	0.88	0.49	-0.30	52.67	1.90	0.00	45.52	1.91	24.50	Sabbie limose - Limi Sabbiosi		
1.80	48.32	0.79	0.49	-0.30	61.16	1.63	0.00	47.49	1.64	22.40	Sabbie limose - Limi Sabbiosi		
1.82	50.28	0.69	0.49	-0.30	72.87	1.37	0.00	49.45	1.38	20.23	Sabbie limose - Limi Sabbiosi		
1.84	52.48	0.61	0.49	-0.30	86.03	1.16	0.00	51.65	1.17	18.26	Sabbie limose - Limi Sabbiosi		
1.86	56.29	0.53	0.50	-0.30	106.21	0.94	0.00	55.46	0.94	15.79	Sabbie limose - Limi Sabbiosi		
1.88	60.20	0.50	0.52	-0.30	120.40	0.83	0.00	59.38	0.83	14.17	Sabbie - Sabbie limose		
1.90	62.73	0.49	0.52	-0.30	128.02	0.78	0.00	61.91	0.78	13.34	Sabbie - Sabbie limose		
1.92	65.68	0.50	0.53	-0.30	131.36	0.76	0.00	64.86	0.76	12.71	Sabbie - Sabbie limose		
1.94	70.14	0.48	0.54	-0.30	146.13	0.68	0.00	69.32	0.69	11.42	Sabbie - Sabbie limose		
1.96	73.10	0.53	0.55	-0.30	137.92	0.73	0.00	72.29	0.73	11.39	Sabbie - Sabbie limose		
1.98	74.63	0.60	0.55	-0.30	124.38	0.80	0.00	73.82	0.81	11.84	Sabbie - Sabbie limose		
2.00	74.86	0.65	0.48	-0.30	115.17	0.87	0.00	74.02	0.87	12.33	Sabbie - Sabbie limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
2.02	72.25	0.67	0.47	-0.30	107.84	0.93	0.00	71.41	0.93	13.12	Sabbie - Sabbie limose		
2.04	64.13	0.76	0.43	-0.30	84.38	1.19	0.00	63.28	1.19	16.19	Sabbie limose - Limi Sabbiosi		
2.06	55.45	0.92	0.41	-0.30	60.27	1.66	0.00	54.59	1.67	20.86	Sabbie limose - Limi Sabbiosi		
2.08	52.41	1.22	0.41	-0.30	42.96	2.33	0.00	51.55	2.34	25.19	Sabbie limose - Limi Sabbiosi		
2.10	57.18	1.53	0.42	-0.30	37.37	2.68	0.00	56.32	2.69	25.70	Sabbie limose - Limi Sabbiosi		
2.12	65.32	1.64	0.44	-0.30	39.83	2.51	0.00	64.47	2.52	23.31	Sabbie limose - Limi Sabbiosi		
2.14	69.66	1.55	0.46	-0.30	44.94	2.23	0.00	68.82	2.23	21.21	Sabbie limose - Limi Sabbiosi		
2.16	67.26	1.57	0.45	-0.30	42.84	2.33	0.00	66.41	2.34	22.14	Sabbie limose - Limi Sabbiosi		
2.18	62.27	1.63	0.43	-0.40	38.20	2.62	0.00	61.42	2.63	24.37	Sabbie limose - Limi Sabbiosi		
2.20	55.00	1.64	0.42	-0.40	33.54	2.98	0.00	54.14	3.00	27.56	Limi argillosi - Argille Limose		
2.22	49.02	1.61	0.40	-0.30	30.45	3.28	0.00	48.16	3.30	30.40	Limi argillosi - Argille Limose		
2.24	44.89	1.73	0.39	-0.30	25.95	3.85	0.00	44.02	3.88	33.93	Limi argillosi - Argille Limose		
2.26	40.00	1.83	0.38	-0.30	21.86	4.58	0.00	39.13	4.61	38.34	Limi argillosi - Argille Limose		
2.28	36.74	1.99	0.37	-0.30	18.46	5.42	0.00	35.87	5.46	42.54	Argille - Argille limose		
2.30	35.42	2.10	0.37	-0.30	16.87	5.93	0.00	34.55	5.98	44.75	Argille - Argille limose		
2.32	38.57	2.11	0.38	-0.30	18.28	5.47	0.00	37.70	5.51	41.88	Argille - Argille limose		
2.34	42.79	1.98	0.39	-0.40	21.61	4.63	0.00	41.92	4.66	37.44	Limi argillosi - Argille Limose		
2.36	43.98	1.73	0.39	-0.40	25.42	3.93	0.00	43.11	3.96	34.55	Limi argillosi - Argille Limose		
2.38	43.43	1.47	0.38	-0.40	29.54	3.38	0.00	42.56	3.41	32.59	Limi argillosi - Argille Limose		
2.40	42.44	1.21	0.38	-0.40	35.07	2.85	0.00	41.57	2.87	30.63	Limi argillosi - Argille Limose		
2.42	42.99	0.99	0.38	-0.40	43.42	2.30	0.00	42.12	2.32	27.78	Sabbie limose - Limi Sabbiosi		
2.44	43.83	0.84	0.37	-0.40	52.18	1.92	0.00	42.96	1.93	25.42	Sabbie limose - Limi Sabbiosi		
2.46	43.64	0.73	0.37	-0.40	59.78	1.67	0.00	42.77	1.69	24.03	Sabbie limose - Limi Sabbiosi		
2.48	42.12	0.64	0.35	-0.40	65.81	1.52	0.00	41.24	1.53	23.53	Sabbie limose - Limi Sabbiosi		
2.50	43.20	0.63	0.35	-0.40	68.57	1.46	0.00	42.32	1.47	22.79	Sabbie limose - Limi Sabbiosi		
2.52	47.23	0.68	0.37	-0.40	69.46	1.44	0.00	46.36	1.45	21.50	Sabbie limose - Limi Sabbiosi		
2.54	51.25	0.67	0.38	-0.40	76.49	1.31	0.00	50.38	1.32	19.60	Sabbie limose - Limi Sabbiosi		
2.56	55.38	0.67	0.39	-0.40	82.66	1.21	0.00	54.51	1.22	18.01	Sabbie limose - Limi Sabbiosi		
2.58	57.23	0.68	0.39	-0.40	84.16	1.19	0.00	56.36	1.20	17.48	Sabbie limose - Limi Sabbiosi		
2.60	56.17	0.68	0.38	-0.40	82.60	1.21	0.00	55.30	1.22	17.85	Sabbie limose - Limi Sabbiosi		
2.62	52.27	0.68	0.36	-0.40	76.87	1.30	0.00	51.39	1.31	19.32	Sabbie limose - Limi Sabbiosi		
2.64	46.63	0.64	0.34	-0.40	72.86	1.37	0.00	45.75	1.38	21.23	Sabbie limose - Limi Sabbiosi		
2.66	41.75	0.70	0.33	-0.40	59.64	1.68	0.00	40.86	1.69	24.67	Sabbie limose - Limi Sabbiosi		
2.68	38.18	0.81	0.32	-0.40	47.14	2.12	0.00	37.29	2.14	28.57	Sabbie limose - Limi Sabbiosi		
2.70	38.19	0.95	0.33	-0.40	40.20	2.49	0.00	37.30	2.51	30.50	Limi argillosi - Argille Limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
2.72	42.34	1.08	0.33	-0.40	39.20	2.55	0.00	41.45	2.58	29.28	Limi argillosi - Argille Limose		
2.74	49.29	1.16	0.35	-0.40	42.49	2.35	0.00	48.41	2.37	26.17	Sabbie limose - Limi Sabbiosi		
2.76	53.32	1.16	0.37	-0.40	45.97	2.18	0.00	52.45	2.19	24.23	Sabbie limose - Limi Sabbiosi		
2.78	54.30	1.09	0.35	-0.40	49.82	2.01	0.00	53.42	2.02	23.12	Sabbie limose - Limi Sabbiosi		
2.80	50.85	0.96	0.34	-0.40	52.97	1.89	0.00	49.97	1.90	23.30	Sabbie limose - Limi Sabbiosi		
2.82	41.41	0.87	0.31	-0.40	47.60	2.10	0.00	40.52	2.12	27.28	Sabbie limose - Limi Sabbiosi		
2.84	32.30	0.83	0.28	-0.40	38.92	2.57	0.00	31.40	2.61	33.59	Limi argillosi - Argille Limose		
2.86	27.21	0.82	0.28	-0.40	33.18	3.01	0.00	26.31	3.07	38.74	Limi argillosi - Argille Limose		
2.88	24.51	0.87	0.28	-0.40	28.17	3.55	0.00	23.61	3.62	43.14	Limi argillosi - Argille Limose		
2.90	22.56	0.92	0.27	-0.50	24.52	4.08	0.00	21.65	4.16	47.03	Argille - Argille limose		
2.92	20.72	0.97	0.27	-0.50	21.36	4.68	0.00	19.81	4.79	51.18	Argille - Argille limose		
2.94	19.88	0.96	0.28	-0.50	20.71	4.83	0.00	18.98	4.95	52.63	Argille - Argille limose		
2.96	19.56	0.87	0.28	-0.50	22.48	4.45	0.00	18.66	4.56	51.53	Argille - Argille limose		
2.98	20.44	0.78	0.28	-0.50	26.21	3.82	0.00	19.54	3.91	47.99	Argille - Argille limose		
3.00	27.17	0.73	0.67	-0.50	37.22	2.69	0.00	26.40	2.72	37.01	Limi argillosi - Argille Limose		
3.02	25.34	0.74	0.07	-0.50	34.24	2.92	0.00	24.36	2.99	39.70	Limi argillosi - Argille Limose		
3.04	20.78	0.86	0.08	-0.50	24.16	4.14	0.00	19.81	4.25	49.13	Argille - Argille limose		
3.06	17.22	0.98	0.08	-0.50	17.57	5.69	0.00	16.25	5.88	59.19	Argille - Argille limose		
3.08	14.40	1.03	0.11	-0.50	13.98	7.15	0.00	13.44	7.44	68.41	Argille - Argille limose		
3.10	13.43	0.92	0.24	-0.50	14.60	6.85	0.00	12.51	7.13	69.21	Argille - Argille limose		
3.12	12.78	0.79	0.32	-0.50	16.18	6.18	0.00	11.89	6.43	68.30	Argille - Argille limose		
3.14	12.14	0.71	0.39	-0.50	17.10	5.85	0.00	11.27	6.09	68.47	Argille - Argille limose		
3.16	11.81	0.62	0.44	-0.50	19.05	5.25	0.00	10.96	5.46	66.98	Argille - Argille limose		
3.18	11.59	0.54	0.47	-0.50	21.46	4.66	0.00	10.75	4.85	65.11	Argille - Argille limose		
3.20	11.38	0.45	0.50	-0.50	25.29	3.95	0.00	10.55	4.12	62.49	Argille - Argille limose		
3.22	11.59	0.38	0.52	-0.60	30.50	3.28	0.00	10.77	3.41	58.66	Argille - Argille limose		
3.24	11.38	0.36	0.53	-0.50	31.61	3.16	0.00	10.56	3.29	58.52	Argille - Argille limose		
3.26	11.28	0.35	0.57	-0.60	32.23	3.10	0.00	10.47	3.23	58.38	Argille - Argille limose		
3.28	11.39	0.33	0.62	-0.60	34.52	2.90	0.00	10.60	3.01	56.93	Argille - Argille limose		
3.30	12.15	0.33	0.62	-0.60	36.82	2.72	0.00	11.36	2.81	54.25	Argille - Argille limose		
3.32	12.27	0.31	0.62	-0.60	39.58	2.53	0.00	11.48	2.62	52.88	Argille - Argille limose		
3.34	12.27	0.32	0.62	-0.60	38.34	2.61	0.00	11.48	2.70	53.37	Argille - Argille limose		
3.36	11.85	0.35	0.62	-0.60	33.86	2.95	0.00	11.06	3.07	56.25	Argille - Argille limose		
3.38	11.09	0.35	0.61	-0.60	31.69	3.16	0.00	10.30	3.29	59.10	Argille - Argille limose		
3.40	10.99	0.34	0.60	-0.60	32.32	3.09	0.00	10.19	3.23	59.03	Argille - Argille limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
3.42	10.57	0.34	0.59	-0.60	31.09	3.22	0.00	9.77	3.36	60.77	Argille - Argille limose		
3.44	10.46	0.35	0.61	-0.60	29.89	3.35	0.00	9.67	3.50	61.72	Argille - Argille limose		
3.46	10.69	0.33	0.65	-0.60	32.39	3.09	0.00	9.91	3.22	59.68	Argille - Argille limose		
3.48	11.46	0.32	0.68	-0.60	35.81	2.79	0.00	10.69	2.90	56.15	Argille - Argille limose		
3.50	12.43	0.31	0.67	-0.60	40.10	2.49	0.00	11.66	2.59	52.34	Argille - Argille limose		
3.52	12.56	0.31	0.67	-0.60	40.52	2.47	0.00	11.79	2.56	51.94	Argille - Argille limose		
3.54	12.90	0.33	0.68	-0.60	39.09	2.56	0.00	12.13	2.65	51.83	Argille - Argille limose		
3.56	12.58	0.37	0.67	-0.60	34.00	2.94	0.00	11.81	3.05	54.66	Argille - Argille limose		
3.58	12.59	0.39	0.65	-0.60	32.28	3.10	0.00	11.81	3.22	55.52	Argille - Argille limose		
3.60	12.94	0.44	0.64	-0.60	29.41	3.40	0.00	12.16	3.53	56.41	Argille - Argille limose		
3.62	13.48	0.50	0.65	-0.60	26.96	3.71	0.00	12.70	3.85	56.88	Argille - Argille limose		
3.64	13.92	0.58	0.67	-0.60	24.00	4.17	0.00	13.15	4.31	58.13	Argille - Argille limose		
3.66	14.15	0.57	0.65	-0.60	24.82	4.03	0.00	13.37	4.17	57.14	Argille - Argille limose		
3.68	13.62	0.54	0.60	-0.60	25.22	3.96	0.00	12.82	4.12	57.87	Argille - Argille limose		
3.70	12.76	0.54	0.57	-0.60	23.63	4.23	0.00	11.95	4.41	60.75	Argille - Argille limose		
3.72	12.35	0.57	0.57	-0.60	21.67	4.62	0.00	11.54	4.82	63.25	Argille - Argille limose		
3.74	12.04	0.59	0.55	-0.60	20.41	4.90	0.00	11.23	5.13	65.12	Argille - Argille limose		
3.76	11.39	0.61	0.53	-0.60	18.67	5.36	0.00	10.57	5.62	68.47	Argille - Argille limose		
3.78	11.40	0.61	0.52	-0.60	18.69	5.35	0.00	10.58	5.62	68.45	Argille - Argille limose		
3.80	11.42	0.62	0.52	-0.60	18.42	5.43	0.00	10.60	5.71	68.70	Argille - Argille limose		
3.82	11.43	0.59	0.52	-0.60	19.37	5.16	0.00	10.61	5.43	67.66	Argille - Argille limose		
3.84	11.44	0.53	0.52	-0.60	21.58	4.63	0.00	10.62	4.87	65.51	Argille - Argille limose		
3.86	11.34	0.48	0.52	-0.60	23.63	4.23	0.00	10.52	4.46	64.03	Argille - Argille limose		
3.88	11.45	0.43	0.52	-0.60	26.63	3.76	0.00	10.63	3.95	61.57	Argille - Argille limose		
3.90	11.24	0.40	0.52	-0.60	28.10	3.56	0.00	10.42	3.75	61.11	Argille - Argille limose		
3.92	10.83	0.39	0.51	-0.60	27.77	3.60	0.00	10.00	3.81	62.36	Argille - Argille limose		
3.94	10.39	0.38	0.51	-0.60	27.34	3.66	0.00	9.56	3.88	63.81	Argille - Argille limose		
3.96	10.51	0.35	0.51	-0.60	30.03	3.33	0.00	9.68	3.53	61.82	Argille - Argille limose		
3.98	10.96	0.34	0.54	-0.60	32.24	3.10	0.00	10.14	3.28	59.41	Argille - Argille limose		
4.00	11.39	0.33	0.63	-0.60	34.52	2.90	0.00	10.60	3.05	57.12	Argille - Argille limose		
4.02	12.52	0.29	1.90	-0.60	43.17	2.32	0.00	12.16	2.34	49.90	Limi argillosi - Argille Limose		
4.04	12.84	0.30	1.87	-0.60	42.80	2.34	0.00	12.47	2.36	49.49	Limi argillosi - Argille Limose		
4.06	12.85	0.31	1.84	-0.60	41.45	2.41	0.01	12.47	2.44	49.98	Limi argillosi - Argille Limose		
4.08	12.53	0.33	1.78	-0.60	37.97	2.63	0.01	12.12	2.67	51.96	Argille - Argille limose		
4.10	12.53	0.35	1.75	-0.60	35.80	2.79	0.01	12.11	2.84	52.92	Argille - Argille limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
4.12	12.42	0.39	1.72	-0.60	31.85	3.14	0.01	11.99	3.19	55.05	Argille - Argille limose		
4.14	12.31	0.41	1.70	-0.60	30.02	3.33	0.01	11.87	3.39	56.28	Argille - Argille limose		
4.16	12.00	0.41	1.70	-0.60	29.27	3.42	0.02	11.56	3.48	57.34	Argille - Argille limose		
4.18	11.67	0.43	1.69	-0.70	27.14	3.68	0.02	11.22	3.76	59.36	Argille - Argille limose		
4.20	11.13	0.45	1.69	-0.60	24.73	4.04	0.02	10.68	4.13	62.24	Argille - Argille limose		
4.22	11.24	0.44	1.70	-0.70	25.55	3.91	0.02	10.79	4.00	61.40	Argille - Argille limose		
4.24	11.56	0.42	1.70	-0.70	27.52	3.63	0.02	11.11	3.71	59.37	Argille - Argille limose		
4.26	11.03	0.42	1.69	-0.70	26.26	3.81	0.03	10.57	3.89	61.42	Argille - Argille limose		
4.28	10.70	0.41	1.69	-0.70	26.10	3.83	0.03	10.24	3.92	62.34	Argille - Argille limose		
4.30	10.16	0.38	1.68	-0.70	26.74	3.74	0.03	9.69	3.84	63.29	Argille - Argille limose		
4.32	10.38	0.33	1.71	-0.70	31.45	3.18	0.03	9.92	3.26	59.84	Argille - Argille limose		
4.34	10.38	0.29	1.72	-0.70	35.79	2.79	0.03	9.92	2.86	57.69	Argille - Argille limose		
4.36	12.65	0.30	1.74	-0.70	42.17	2.37	0.04	12.20	2.42	50.32	Limi argillosi - Argille Limose		
4.38	11.67	0.33	1.74	-0.70	35.36	2.83	0.04	11.21	2.89	54.96	Argille - Argille limose		
4.40	12.33	0.34	1.82	-0.70	36.26	2.76	0.04	11.90	2.81	53.16	Argille - Argille limose		
4.42	15.37	0.32	1.92	-0.70	48.03	2.08	0.04	14.97	2.11	44.05	Limi argillosi - Argille Limose		
4.44	19.17	0.33	1.92	-0.70	58.09	1.72	0.04	18.77	1.74	37.23	Limi argillosi - Argille Limose		
4.46	18.08	0.35	1.28	-0.70	51.66	1.94	0.05	17.46	1.98	40.21	Limi argillosi - Argille Limose		
4.48	16.24	0.46	1.51	-0.70	35.30	2.83	0.05	15.69	2.89	47.65	Limi argillosi - Argille Limose		
4.50	15.05	0.48	1.46	-0.70	31.35	3.19	0.05	14.48	3.27	51.25	Argille - Argille limose		
4.52	17.86	0.78	0.97	-0.70	22.90	4.37	0.05	17.13	4.50	53.09	Argille - Argille limose		
4.54	14.82	0.86	1.16	-0.80	17.23	5.80	0.05	14.15	6.00	62.70	Argille - Argille limose		
4.56	13.41	0.90	1.23	-0.80	14.90	6.71	0.06	12.76	6.95	68.19	Argille - Argille limose		
4.58	13.84	0.88	1.29	-0.80	15.73	6.36	0.06	13.21	6.57	66.17	Argille - Argille limose		
4.60	16.77	0.75	1.38	-0.80	22.36	4.47	0.06	16.17	4.59	54.64	Argille - Argille limose		
4.62	19.05	0.66	1.30	-0.80	28.86	3.46	0.06	18.42	3.55	47.59	Argille - Argille limose		
4.64	18.07	0.57	1.08	-0.80	31.70	3.15	0.06	17.36	3.25	47.38	Limi argillosi - Argille Limose		
4.66	15.15	0.52	0.97	-0.80	29.13	3.43	0.07	14.40	3.57	52.79	Argille - Argille limose		
4.68	13.29	0.48	1.25	-0.80	27.69	3.61	0.07	12.63	3.74	56.54	Argille - Argille limose		
4.70	12.96	0.43	1.41	-0.80	30.14	3.32	0.07	12.36	3.43	55.55	Argille - Argille limose		
4.72	13.18	0.41	1.41	-0.80	32.15	3.11	0.07	12.57	3.21	54.08	Argille - Argille limose		
4.74	12.96	0.43	1.41	-0.80	30.14	3.32	0.07	12.35	3.43	55.57	Argille - Argille limose		
4.76	11.98	0.48	1.38	-0.80	24.96	4.01	0.08	11.36	4.16	60.90	Argille - Argille limose		
4.78	11.22	0.47	1.27	-0.80	23.87	4.19	0.08	10.56	4.38	63.61	Argille - Argille limose		
4.80	10.13	0.48	1.26	-0.80	21.10	4.74	0.08	9.46	4.98	68.85	Argille - Argille limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
4.82	9.37	0.48	1.24	-0.80	19.52	5.12	0.08	8.69	5.41	72.76	Argille - Argille limose		
4.84	8.61	0.54	1.23	-0.80	15.94	6.27	0.08	7.93	6.67	79.76	Argille - Argille limose		
4.86	8.18	0.61	1.24	-0.80	13.41	7.46	0.09	7.50	7.95	85.41	Argille - Argille limose		
4.88	8.18	0.66	1.26	-0.80	12.39	8.07	0.09	7.50	8.60	87.27	Argille - Argille limose		
4.90	8.61	0.63	1.30	-0.90	13.67	7.32	0.09	7.95	7.76	83.18	Argille - Argille limose		
4.92	8.93	0.56	1.30	-0.90	15.95	6.27	0.09	8.26	6.64	78.52	Argille - Argille limose		
4.94	8.60	0.47	1.26	-0.90	18.30	5.47	0.09	7.92	5.81	76.81	Argille - Argille limose		
4.96	8.28	0.38	1.23	-0.90	21.79	4.59	0.10	7.59	4.90	74.44	Argille - Argille limose		
4.98	7.84	0.34	1.32	-0.90	23.06	4.34	0.10	7.17	4.63	74.85	Argille - Argille limose		
5.00	7.84	0.26	1.38	-0.90	30.15	3.32	0.10	7.19	3.54	69.57	Argille - Argille limose		
5.02	9.66	0.27	1.51	-0.90	35.78	2.80	0.10	9.05	2.93	60.31	Argille - Argille limose		
5.04	9.55	0.28	1.51	-0.80	34.11	2.93	0.10	8.94	3.08	61.44	Argille - Argille limose		
5.06	9.66	0.29	1.51	-0.90	33.31	3.00	0.11	9.05	3.15	61.54	Argille - Argille limose		
5.08	9.77	0.29	1.51	-0.90	33.69	2.97	0.11	9.16	3.11	61.05	Argille - Argille limose		
5.10	9.77	0.29	1.51	-0.90	33.69	2.97	0.11	9.16	3.12	61.06	Argille - Argille limose		
5.12	9.56	0.29	1.51	-0.90	32.97	3.03	0.11	8.94	3.19	62.04	Argille - Argille limose		
5.14	9.56	0.30	1.51	-0.90	31.87	3.14	0.11	8.94	3.30	62.64	Argille - Argille limose		
5.16	9.45	0.31	1.51	-0.90	30.48	3.28	0.12	8.83	3.45	63.75	Argille - Argille limose		
5.18	9.24	0.32	1.50	-0.90	28.88	3.46	0.12	8.61	3.65	65.39	Argille - Argille limose		
5.20	9.24	0.34	1.49	-0.90	27.18	3.68	0.12	8.61	3.88	66.53	Argille - Argille limose		
5.22	8.69	0.35	1.46	-0.90	24.83	4.03	0.12	8.05	4.27	70.11	Argille - Argille limose		
5.24	8.37	0.37	1.46	-0.90	22.62	4.42	0.12	7.72	4.70	73.10	Argille - Argille limose		
5.26	8.26	0.37	1.47	-0.90	22.32	4.48	0.13	7.62	4.77	73.77	Argille - Argille limose		
5.28	8.04	0.37	1.48	-0.90	21.73	4.60	0.13	7.40	4.91	75.16	Argille - Argille limose		
5.30	8.04	0.36	1.49	-0.90	22.33	4.48	0.13	7.40	4.78	74.60	Argille - Argille limose		
5.32	7.83	0.35	1.49	-0.90	22.37	4.47	0.13	7.19	4.78	75.42	Argille - Argille limose		
5.34	7.50	0.33	1.50	-0.90	22.73	4.40	0.13	6.86	4.72	76.48	Argille - Argille limose		
5.36	7.28	0.30	1.51	-0.90	24.27	4.12	0.14	6.64	4.43	76.12	Argille - Argille limose		
5.38	7.50	0.27	1.54	-0.90	27.78	3.60	0.14	6.87	3.86	72.47	Argille - Argille limose		
5.40	7.83	0.24	1.54	-0.90	32.63	3.07	0.14	7.20	3.28	68.17	Argille - Argille limose		
5.42	8.48	0.22	1.55	-0.90	38.55	2.59	0.14	7.85	2.76	62.92	Argille - Argille limose		
5.44	9.13	0.20	1.56	-0.90	45.65	2.19	0.14	8.50	2.32	58.13	Argille - Argille limose		
5.46	10.21	0.20	1.65	-0.90	51.05	1.96	0.15	9.61	2.06	53.37	Argille - Argille limose		
5.48	11.30	0.19	1.67	-0.90	59.47	1.68	0.15	10.70	1.76	48.70	Limi argillosi - Argille Limose		
5.50	11.41	0.21	1.67	-0.90	54.33	1.84	0.15	10.81	1.92	49.71	Limi argillosi - Argille Limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
5.52	10.88	0.25	1.65	-0.90	43.52	2.30	0.15	10.27	2.41	54.14	Argille - Argille limose		
5.54	10.12	0.29	1.61	-0.90	34.90	2.87	0.15	9.50	3.02	59.62	Argille - Argille limose		
5.56	9.58	0.32	1.51	-0.90	29.94	3.34	0.16	8.92	3.54	63.95	Argille - Argille limose		
5.58	8.71	0.39	1.53	-1.00	22.33	4.48	0.16	8.06	4.77	72.26	Argille - Argille limose		
5.60	8.28	0.47	1.53	-1.00	17.62	5.68	0.16	7.62	6.08	78.82	Argille - Argille limose		
5.62	7.85	0.49	1.55	-1.00	16.02	6.24	0.16	7.20	6.70	82.64	Argille - Argille limose		
5.64	7.74	0.47	1.56	-1.00	16.47	6.07	0.16	7.09	6.53	82.48	Argille - Argille limose		
5.66	7.95	0.44	1.66	-1.00	18.07	5.53	0.17	7.33	5.92	79.34	Argille - Argille limose		
5.68	8.93	0.38	1.76	-1.00	23.50	4.26	0.17	8.34	4.50	70.14	Argille - Argille limose		
5.70	9.91	0.31	1.78	-1.00	31.97	3.13	0.17	9.33	3.29	61.51	Argille - Argille limose		
5.72	10.67	0.25	1.79	-1.00	42.68	2.34	0.17	10.09	2.45	54.85	Argille - Argille limose		
5.74	10.78	0.24	1.79	-1.00	44.92	2.23	0.17	10.20	2.33	53.82	Argille - Argille limose		
5.76	10.67	0.25	1.78	-1.00	42.68	2.34	0.18	10.08	2.46	54.88	Argille - Argille limose		
5.78	10.67	0.29	1.75	-1.00	36.79	2.72	0.18	10.07	2.85	57.28	Argille - Argille limose		
5.80	10.23	0.36	1.75	-1.00	28.42	3.52	0.18	9.63	3.70	62.82	Argille - Argille limose		
5.82	10.23	0.43	1.75	-1.00	23.79	4.20	0.18	9.63	4.42	66.11	Argille - Argille limose		
5.84	10.12	0.49	1.77	-1.00	20.65	4.84	0.18	9.52	5.10	69.15	Argille - Argille limose		
5.86	9.91	0.52	1.77	-1.00	19.06	5.25	0.19	9.31	5.53	71.40	Argille - Argille limose		
5.88	9.91	0.53	1.78	-1.00	18.70	5.35	0.19	9.31	5.64	71.79	Argille - Argille limose		
5.90	10.23	0.51	1.75	-1.00	20.06	4.99	0.19	9.62	5.26	69.50	Argille - Argille limose		
5.92	10.34	0.50	1.77	-1.10	20.68	4.84	0.19	9.74	5.09	68.56	Argille - Argille limose		
5.94	11.32	0.47	1.79	-1.10	24.09	4.15	0.19	10.72	4.35	63.12	Argille - Argille limose		
5.96	11.43	0.46	1.77	-1.10	24.85	4.02	0.20	10.82	4.22	62.32	Argille - Argille limose		
5.98	11.43	0.47	1.79	-1.10	24.32	4.11	0.20	10.83	4.31	62.70	Argille - Argille limose		
6.00	11.86	0.48	1.80	-1.10	24.71	4.05	0.20	11.26	4.24	61.43	Argille - Argille limose		
6.02	13.09	0.45	1.94	-1.10	29.09	3.44	0.20	12.53	3.57	55.90	Argille - Argille limose		
6.04	15.26	0.48	1.94	-1.10	31.79	3.15	0.20	14.70	3.25	50.83	Argille - Argille limose		
6.06	15.05	0.52	1.91	-1.10	28.94	3.46	0.21	14.48	3.57	52.71	Argille - Argille limose		
6.08	14.72	0.56	1.80	-1.10	26.29	3.80	0.21	14.11	3.95	54.98	Argille - Argille limose		
6.10	14.40	0.63	1.62	-1.10	22.86	4.38	0.21	13.73	4.57	58.18	Argille - Argille limose		
6.12	13.75	0.70	1.53	-1.10	19.64	5.09	0.21	13.05	5.34	62.31	Argille - Argille limose		
6.14	13.09	0.79	1.42	-1.10	16.57	6.04	0.21	12.35	6.37	67.16	Argille - Argille limose		
6.16	13.09	0.84	1.49	-1.10	15.58	6.42	0.22	12.37	6.76	68.37	Argille - Argille limose		
6.18	12.66	0.86	1.33	-1.10	14.72	6.79	0.22	11.88	7.20	70.73	Argille - Argille limose		
6.20	11.58	0.90	1.26	-1.10	12.87	7.77	0.22	10.78	8.31	76.42	Argille - Argille limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
6.22	11.13	0.92	1.25	-1.10	12.10	8.27	0.22	10.32	8.87	79.08	Argille - Argille limose		
6.24	11.57	0.90	1.37	-1.10	12.86	7.78	0.22	10.80	8.29	76.32	Argille - Argille limose		
6.26	11.12	0.89	1.43	-1.10	12.49	8.00	0.23	10.37	8.54	78.08	Argille - Argille limose		
6.28	10.47	0.80	1.34	-1.10	13.09	7.64	0.23	9.69	8.22	79.00	Argille - Argille limose		
6.30	9.70	0.78	1.30	-1.10	12.44	8.04	0.23	8.90	8.72	82.71	Argille - Argille limose		
6.32	9.59	0.74	1.26	-1.10	12.96	7.72	0.23	8.78	8.39	82.20	Argille - Argille limose		
6.34	9.47	0.74	1.40	-1.10	12.80	7.81	0.23	8.70	8.46	82.64	Argille - Argille limose		
6.36	9.15	0.69	1.41	-1.10	13.26	7.54	0.24	8.39	8.19	82.91	Argille - Argille limose		
6.38	10.43	0.67	1.44	-1.10	15.57	6.42	0.24	9.67	6.90	75.09	Argille - Argille limose		
6.40	12.17	0.65	1.48	-1.10	18.72	5.34	0.24	11.43	5.67	66.70	Argille - Argille limose		
6.42	11.52	0.60	1.44	-1.10	19.20	5.21	0.24	10.76	5.56	67.78	Argille - Argille limose		
6.44	11.08	0.56	1.42	-1.10	19.79	5.05	0.24	10.31	5.41	68.32	Argille - Argille limose		
6.46	10.42	0.56	1.41	-1.10	18.61	5.37	0.25	9.65	5.79	71.40	Argille - Argille limose		
6.48	9.77	0.60	1.41	-1.10	16.28	6.14	0.25	9.00	6.65	76.23	Argille - Argille limose		
6.50	9.23	0.66	1.39	-1.10	13.98	7.15	0.25	8.45	7.79	81.53	Argille - Argille limose		
6.52	8.25	0.70	1.40	-1.10	11.79	8.48	0.25	7.47	9.35	89.46	Argille - Argille limose		
6.54	7.70	0.73	1.40	-1.20	10.55	9.48	0.25	6.92	10.52	94.80	Terreni organici - Torbe		
6.56	7.37	0.73	1.40	-1.20	10.10	9.91	0.26	6.59	11.05	97.61	Terreni organici - Torbe		
6.58	7.16	0.67	1.41	-1.20	10.69	9.36	0.26	6.38	10.48	97.20	Terreni organici - Torbe		
6.60	6.71	0.62	1.41	-1.20	10.82	9.24	0.26	5.93	10.44	99.42	Terreni organici - Torbe		
6.62	6.28	0.56	1.41	-1.20	11.21	8.92	0.26	5.50	10.17	101.17	Terreni organici - Torbe		
6.64	6.28	0.48	1.40	-1.20	13.08	7.64	0.26	5.49	8.73	97.23	Argille - Argille limose		
6.66	5.61	0.43	1.39	-1.20	13.05	7.66	0.27	4.82	8.92	102.07	Terreni organici - Torbe		
6.68	5.50	0.39	1.38	-1.20	14.10	7.09	0.27	4.70	8.29	100.99	Terreni organici - Torbe		
6.70	5.28	0.37	1.39	-1.20	14.27	7.01	0.27	4.48	8.25	102.47	Terreni organici - Torbe		
6.72	5.27	0.33	1.39	-1.20	15.97	6.26	0.27	4.47	7.38	99.75	Argille - Argille limose		
6.74	5.27	0.31	1.40	-1.20	17.00	5.88	0.27	4.47	6.93	98.20	Argille - Argille limose		
6.76	5.05	0.30	1.41	-1.20	16.83	5.94	0.28	4.25	7.05	100.31	Argille - Argille limose		
6.78	4.95	0.28	1.41	-1.20	17.68	5.66	0.28	4.15	6.75	100.04	Argille - Argille limose		
6.80	4.95	0.24	1.41	-1.20	20.63	4.85	0.28	4.15	5.79	96.41	Argille - Argille limose		
6.82	4.95	0.23	1.41	-1.20	21.52	4.65	0.28	4.15	5.55	95.46	Argille - Argille limose		
6.84	4.84	0.21	1.42	-1.20	23.05	4.34	0.28	4.04	5.21	94.88	Argille - Argille limose		
6.86	4.73	0.20	1.41	-1.20	23.65	4.23	0.29	3.93	5.11	95.41	Argille - Argille limose		
6.88	4.73	0.20	1.42	-1.20	23.65	4.23	0.29	3.93	5.11	95.39	Argille - Argille limose		
6.90	4.73	0.19	1.43	-1.20	24.89	4.02	0.29	3.93	4.85	94.23	Argille - Argille limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
6.92	4.73	0.18	1.42	-1.20	26.28	3.81	0.29	3.92	4.60	93.13	Argille - Argille limose		
6.94	4.84	0.18	1.44	-1.20	26.89	3.72	0.29	4.04	4.48	91.55	Argille - Argille limose		
6.96	5.06	0.16	1.46	-1.20	31.63	3.16	0.30	4.26	3.77	86.21	Argille - Argille limose		
6.98	5.82	0.16	1.47	-1.20	36.38	2.75	0.30	5.03	3.20	77.93	Argille - Argille limose		
7.00	6.80	0.15	1.50	-1.20	45.33	2.21	0.30	6.02	2.50	68.42	Argille - Argille limose		
7.02	7.47	0.12	1.48	-1.30	62.25	1.61	0.30	6.68	1.80	60.49	Argille - Argille limose		
7.04	11.07	0.14	1.69	-1.30	79.07	1.26	0.30	10.35	1.36	46.17	Limi argillosi - Argille Limose		
7.06	11.40	0.19	1.69	-1.20	60.00	1.67	0.31	10.68	1.78	48.98	Limi argillosi - Argille Limose		
7.08	10.75	0.22	1.64	-1.20	48.86	2.05	0.31	10.01	2.21	53.45	Argille - Argille limose		
7.10	9.77	0.26	1.61	-1.30	37.58	2.66	0.31	9.02	2.89	60.21	Argille - Argille limose		
7.12	9.12	0.29	1.62	-1.30	31.45	3.18	0.31	8.37	3.48	65.28	Argille - Argille limose		
7.14	9.13	0.31	1.64	-1.30	29.45	3.40	0.31	8.38	3.72	66.41	Argille - Argille limose		
7.16	11.95	0.35	1.70	-1.30	34.14	2.93	0.32	11.22	3.13	56.25	Argille - Argille limose		
7.18	17.70	0.41	1.75	-1.30	43.17	2.32	0.32	16.99	2.42	43.44	Limi argillosi - Argille Limose		
7.20	21.61	0.46	0.99	-1.30	46.98	2.13	0.32	20.64	2.23	38.67	Limi argillosi - Argille Limose		
7.22	23.02	0.48	0.38	-1.30	47.96	2.09	0.32	21.84	2.20	37.47	Limi argillosi - Argille Limose		
7.24	21.72	0.43	0.28	-1.30	50.51	1.98	0.32	20.50	2.10	38.00	Limi argillosi - Argille Limose		
7.26	18.67	0.37	0.22	-1.30	50.46	1.98	0.33	17.43	2.13	41.18	Limi argillosi - Argille Limose		
7.28	14.98	0.34	0.21	-1.30	44.06	2.27	0.33	13.74	2.49	48.16	Limi argillosi - Argille Limose		
7.30	11.72	0.37	0.27	-1.30	31.68	3.16	0.33	10.50	3.54	59.94	Argille - Argille limose		
7.32	9.77	0.34	0.38	-1.30	28.74	3.48	0.33	8.58	3.99	67.12	Argille - Argille limose		
7.34	11.72	0.25	0.66	-1.30	46.88	2.13	0.33	10.63	2.37	53.11	Argille - Argille limose		
7.36	23.76	0.33	0.44	-1.30	72.00	1.39	0.34	22.59	1.47	32.02	Sabbie limose - Limi Sabbiosi		
7.38	33.20	0.40	0.14	-1.30	83.00	1.20	0.34	31.93	1.26	25.10	Sabbie limose - Limi Sabbiosi		
7.40	42.53	0.43	0.04	-1.30	98.91	1.01	0.34	41.22	1.04	20.04	Sabbie limose - Limi Sabbiosi		
7.42	48.82	0.46	0.03	-1.30	106.13	0.94	0.34	47.51	0.97	17.73	Sabbie limose - Limi Sabbiosi		
7.44	54.67	0.38	0.02	-1.30	143.87	0.70	0.34	53.35	0.71	14.25	Sabbie - Sabbie limose		
7.46	58.80	0.37	0.03	-1.40	158.92	0.63	0.35	57.48	0.64	12.85	Sabbie - Sabbie limose		
7.48	60.10	0.37	0.04	-1.30	162.43	0.62	0.35	58.79	0.63	12.49	Sabbie - Sabbie limose		
7.50	58.91	0.33	0.03	-1.30	178.52	0.56	0.35	57.59	0.57	12.15	Sabbie - Sabbie limose		
7.52	57.28	0.29	0.18	-1.30	197.52	0.51	0.35	56.01	0.52	11.87	Sabbie - Sabbie limose		
7.54	53.59	0.28	0.13	-1.30	191.39	0.52	0.35	52.30	0.54	12.74	Sabbie - Sabbie limose		
7.56	49.14	0.24	0.11	-1.40	204.75	0.49	0.36	47.85	0.50	13.31	Sabbie - Sabbie limose		
7.58	44.91	0.26	0.04	-1.40	172.73	0.58	0.36	43.59	0.60	15.34	Sabbie limose - Limi Sabbiosi		
7.60	42.52	0.27	0.03	-1.40	157.48	0.63	0.36	41.20	0.66	16.59	Sabbie limose - Limi Sabbiosi		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
7.62	42.20	0.30	0.05	-1.40	140.67	0.71	0.36	40.88	0.74	17.45	Sabbie limose - Limi Sabbiosi		
7.64	46.75	0.36	0.08	-1.40	129.86	0.77	0.36	45.44	0.79	16.75	Sabbie limose - Limi Sabbiosi		
7.66	56.61	0.45	0.08	-1.40	125.80	0.79	0.37	55.30	0.82	14.77	Sabbie limose - Limi Sabbiosi		
7.68	66.81	0.50	0.03	-1.40	133.62	0.75	0.37	65.48	0.76	12.63	Sabbie - Sabbie limose		
7.70	69.62	0.59	0.02	-1.40	118.00	0.85	0.37	68.29	0.87	13.05	Sabbie - Sabbie limose		
7.72	69.07	0.55	0.00	-1.40	125.58	0.80	0.37	67.73	0.81	12.71	Sabbie - Sabbie limose		
7.74	63.21	0.53	-0.01	-1.40	119.26	0.84	0.37	61.86	0.86	13.97	Sabbie - Sabbie limose		
7.76	52.67	0.48	-0.01	-1.40	109.73	0.91	0.38	51.32	0.94	16.59	Sabbie limose - Limi Sabbiosi		
7.78	40.29	0.35	-0.01	-1.40	115.11	0.87	0.38	38.94	0.90	19.56	Sabbie limose - Limi Sabbiosi		
7.80	31.83	0.29	-0.01	-1.40	109.76	0.91	0.38	30.48	0.96	23.29	Sabbie limose - Limi Sabbiosi		
7.82	27.79	0.31	-0.01	-1.40	89.65	1.12	0.38	26.44	1.18	27.27	Sabbie limose - Limi Sabbiosi		
7.84	24.43	0.39	-0.01	-1.40	62.64	1.60	0.38	23.08	1.70	33.34	Limi argillosi - Argille Limose		
7.86	20.40	0.52	-0.01	-1.40	39.23	2.55	0.39	19.05	2.75	43.05	Limi argillosi - Argille Limose		
7.88	16.06	0.59	-0.01	-1.40	27.22	3.67	0.39	14.71	4.05	54.51	Argille - Argille limose		
7.90	12.15	0.59	-0.02	-1.40	20.59	4.86	0.39	10.79	5.54	67.65	Argille - Argille limose		
7.92	9.22	0.58	-0.01	-1.40	15.90	6.29	0.39	7.86	7.52	82.73	Argille - Argille limose		
7.94	7.90	0.50	0.02	-1.40	15.80	6.33	0.39	6.55	7.81	88.98	Argille - Argille limose		
7.96	7.67	0.40	0.04	-1.40	19.18	5.22	0.40	6.33	6.48	85.65	Argille - Argille limose		
7.98	6.80	0.36	0.05	-1.40	18.89	5.29	0.40	5.46	6.79	91.25	Argille - Argille limose		
8.00	6.14	0.32	0.08	-1.40	19.19	5.21	0.40	4.81	6.88	95.63	Argille - Argille limose		
8.02	5.92	0.29	0.14	-1.40	20.41	4.90	0.40	4.61	6.52	95.74	Argille - Argille limose		
8.04	6.83	0.33	2.24	-1.40	20.70	4.83	0.40	6.23	5.44	82.23	Argille - Argille limose		
8.06	6.62	0.28	2.34	-1.40	23.64	4.23	0.41	6.05	4.75	80.24	Argille - Argille limose		
8.08	6.73	0.23	2.55	-1.40	29.26	3.42	0.41	6.23	3.79	74.86	Argille - Argille limose		
8.10	6.84	0.21	2.67	-1.50	32.57	3.07	0.41	6.38	3.38	72.03	Argille - Argille limose		
8.12	7.17	0.19	2.69	-1.40	37.74	2.65	0.41	6.72	2.90	67.90	Argille - Argille limose		
8.14	6.84	0.21	2.58	-1.40	32.57	3.07	0.41	6.35	3.40	72.29	Argille - Argille limose		
8.16	6.62	0.23	2.54	-1.50	28.78	3.47	0.42	6.11	3.87	75.82	Argille - Argille limose		
8.18	6.62	0.25	2.53	-1.50	26.48	3.78	0.42	6.11	4.21	77.51	Argille - Argille limose		
8.20	6.51	0.25	2.54	-1.50	26.04	3.84	0.42	6.00	4.29	78.40	Argille - Argille limose		
8.22	6.51	0.26	2.45	-1.50	25.04	3.99	0.42	5.97	4.49	79.47	Argille - Argille limose		
8.24	6.51	0.28	2.44	-1.50	23.25	4.30	0.42	5.97	4.84	81.05	Argille - Argille limose		
8.26	6.30	0.31	2.44	-1.50	20.32	4.92	0.43	5.75	5.57	85.12	Argille - Argille limose		
8.28	6.30	0.31	2.41	-1.50	20.32	4.92	0.43	5.74	5.58	85.24	Argille - Argille limose		
8.30	6.19	0.32	2.37	-1.50	19.34	5.17	0.43	5.62	5.90	87.13	Argille - Argille limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
8.32	6.19	0.33	2.29	-1.50	18.76	5.33	0.43	5.59	6.11	88.11	Argille - Argille limose		
8.34	6.08	0.34	2.29	-1.50	17.88	5.59	0.43	5.48	6.44	89.90	Argille - Argille limose		
8.36	6.51	0.34	2.29	-1.50	19.15	5.22	0.44	5.91	5.95	85.82	Argille - Argille limose		
8.38	6.62	0.33	2.25	-1.50	20.06	4.98	0.44	6.00	5.69	84.32	Argille - Argille limose		
8.40	6.73	0.33	2.21	-1.50	20.39	4.90	0.44	6.10	5.60	83.50	Argille - Argille limose		
8.42	6.62	0.33	2.18	-1.50	20.06	4.98	0.44	5.98	5.72	84.57	Argille - Argille limose		
8.44	6.62	0.32	2.09	-1.50	20.69	4.83	0.44	5.94	5.58	84.18	Argille - Argille limose		
8.46	6.62	0.31	1.99	-1.50	21.35	4.68	0.45	5.91	5.44	83.81	Argille - Argille limose		
8.48	6.73	0.30	1.97	-1.50	22.43	4.46	0.45	6.01	5.17	82.22	Argille - Argille limose		
8.50	7.06	0.30	2.00	-1.50	23.53	4.25	0.45	6.35	4.89	79.41	Argille - Argille limose		
8.52	7.17	0.30	2.01	-1.50	23.90	4.18	0.45	6.46	4.80	78.54	Argille - Argille limose		
8.54	7.27	0.29	1.99	-1.50	25.07	3.99	0.45	6.55	4.58	77.15	Argille - Argille limose		
8.56	7.27	0.30	1.99	-1.50	24.23	4.13	0.46	6.55	4.74	77.86	Argille - Argille limose		
8.58	7.27	0.29	1.98	-1.50	25.07	3.99	0.46	6.55	4.58	77.21	Argille - Argille limose		
8.60	7.38	0.28	1.99	-1.50	26.36	3.79	0.46	6.66	4.35	75.67	Argille - Argille limose		
8.62	7.27	0.28	2.00	-1.50	25.96	3.85	0.46	6.55	4.43	76.48	Argille - Argille limose		
8.64	7.17	0.27	2.04	-1.50	26.56	3.77	0.46	6.46	4.33	76.42	Argille - Argille limose		
8.66	7.17	0.26	2.07	-1.50	27.58	3.63	0.47	6.47	4.17	75.61	Argille - Argille limose		
8.68	7.49	0.25	2.10	-1.50	29.96	3.34	0.47	6.80	3.81	72.47	Argille - Argille limose		
8.70	7.71	0.24	2.15	-1.50	32.13	3.11	0.47	7.04	3.53	70.12	Argille - Argille limose		
8.72	7.92	0.23	2.20	-1.50	34.43	2.90	0.47	7.26	3.27	67.90	Argille - Argille limose		
8.74	8.03	0.23	2.21	-1.60	34.91	2.86	0.47	7.38	3.22	67.22	Argille - Argille limose		
8.76	7.93	0.24	2.23	-1.60	33.04	3.03	0.48	7.28	3.41	68.57	Argille - Argille limose		
8.78	7.83	0.25	2.21	-1.60	31.32	3.19	0.48	7.17	3.61	70.01	Argille - Argille limose		
8.80	7.83	0.27	2.24	-1.60	29.00	3.45	0.48	7.18	3.89	71.40	Argille - Argille limose		
8.82	7.93	0.27	2.29	-1.60	29.37	3.40	0.48	7.30	3.83	70.66	Argille - Argille limose		
8.84	8.04	0.27	2.33	-1.60	29.78	3.36	0.48	7.42	3.77	69.89	Argille - Argille limose		
8.86	7.93	0.28	2.32	-1.60	28.32	3.53	0.49	7.31	3.97	71.31	Argille - Argille limose		
8.88	7.83	0.28	2.25	-1.60	27.96	3.58	0.49	7.18	4.04	72.13	Argille - Argille limose		
8.90	7.50	0.28	2.19	-1.60	26.79	3.73	0.49	6.83	4.26	74.55	Argille - Argille limose		
8.92	7.50	0.28	2.21	-1.60	26.79	3.73	0.49	6.84	4.26	74.51	Argille - Argille limose		
8.94	7.72	0.28	2.24	-1.60	27.57	3.63	0.49	7.07	4.12	72.93	Argille - Argille limose		
8.96	8.04	0.29	2.29	-1.60	27.72	3.61	0.50	7.40	4.07	71.41	Argille - Argille limose		
8.98	8.59	0.28	2.31	-1.60	30.68	3.26	0.50	7.96	3.64	67.41	Argille - Argille limose		
9.00	9.02	0.30	2.28	-1.60	30.07	3.33	0.50	8.38	3.70	66.36	Argille - Argille limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
9.02	9.26	0.32	2.17	-1.60	28.94	3.46	0.50	8.58	3.85	66.49	Argille - Argille limose		
9.04	9.75	0.36	2.14	-1.60	27.08	3.69	0.50	9.06	4.10	66.24	Argille - Argille limose		
9.06	9.97	0.40	2.12	-1.60	24.93	4.01	0.51	9.27	4.45	67.19	Argille - Argille limose		
9.08	9.64	0.43	1.96	-1.60	22.42	4.46	0.51	8.88	5.00	70.58	Argille - Argille limose		
9.10	9.32	0.47	1.97	-1.60	19.83	5.04	0.51	8.56	5.68	74.15	Argille - Argille limose		
9.12	8.99	0.51	1.97	-1.60	17.63	5.67	0.51	8.23	6.42	77.87	Argille - Argille limose		
9.14	8.67	0.50	1.95	-1.60	17.34	5.77	0.51	7.91	6.57	79.50	Argille - Argille limose		
9.16	8.34	0.50	1.96	-1.60	16.68	6.00	0.52	7.58	6.86	81.69	Argille - Argille limose		
9.18	7.91	0.49	1.99	-1.60	16.14	6.19	0.52	7.16	7.14	84.25	Argille - Argille limose		
9.20	7.47	0.46	2.01	-1.60	16.24	6.16	0.52	6.72	7.16	86.15	Argille - Argille limose		
9.22	7.45	0.42	2.03	-1.60	17.74	5.64	0.52	6.71	6.55	84.18	Argille - Argille limose		
9.24	7.45	0.38	2.07	-1.60	19.61	5.10	0.52	6.72	5.92	81.86	Argille - Argille limose		
9.26	7.45	0.35	2.13	-1.60	21.29	4.70	0.53	6.74	5.44	79.93	Argille - Argille limose		
9.28	7.45	0.32	2.15	-1.60	23.28	4.30	0.53	6.75	4.97	78.01	Argille - Argille limose		
9.30	7.44	0.29	2.17	-1.60	25.66	3.90	0.53	6.74	4.51	76.04	Argille - Argille limose		
9.32	7.33	0.28	2.19	-1.70	26.18	3.82	0.53	6.64	4.43	76.11	Argille - Argille limose		
9.34	7.33	0.26	2.20	-1.70	28.19	3.55	0.53	6.64	4.11	74.64	Argille - Argille limose		
9.36	7.12	0.26	2.22	-1.70	27.38	3.65	0.54	6.44	4.25	76.18	Argille - Argille limose		
9.38	6.90	0.25	2.24	-1.70	27.60	3.62	0.54	6.22	4.24	77.09	Argille - Argille limose		
9.40	6.67	0.25	2.25	-1.70	26.68	3.75	0.54	5.99	4.41	78.97	Argille - Argille limose		
9.42	6.67	0.26	2.26	-1.70	25.65	3.90	0.54	6.00	4.58	79.76	Argille - Argille limose		
9.44	6.67	0.26	2.29	-1.70	25.65	3.90	0.54	6.00	4.58	79.69	Argille - Argille limose		
9.46	6.89	0.25	2.31	-1.70	27.56	3.63	0.55	6.23	4.24	77.04	Argille - Argille limose		
9.48	6.89	0.24	2.30	-1.70	28.71	3.48	0.55	6.23	4.07	76.28	Argille - Argille limose		
9.50	6.67	0.24	2.32	-1.70	27.79	3.60	0.55	6.01	4.23	78.04	Argille - Argille limose		
9.52	6.56	0.23	2.32	-1.70	28.52	3.51	0.55	5.90	4.13	78.14	Argille - Argille limose		
9.54	6.13	0.23	2.34	-1.70	26.65	3.75	0.55	5.48	4.48	81.97	Argille - Argille limose		
9.56	6.02	0.22	2.36	-1.70	27.36	3.65	0.56	5.37	4.37	82.07	Argille - Argille limose		
9.58	6.13	0.21	2.39	-1.70	29.19	3.43	0.56	5.49	4.08	80.00	Argille - Argille limose		
9.60	6.56	0.20	2.41	-1.70	32.80	3.05	0.56	5.93	3.58	75.23	Argille - Argille limose		
9.62	6.67	0.21	2.44	-1.70	31.76	3.15	0.56	6.05	3.69	75.19	Argille - Argille limose		
9.64	6.89	0.21	2.45	-1.70	32.81	3.05	0.56	6.27	3.55	73.45	Argille - Argille limose		
9.66	7.22	0.21	2.49	-1.70	34.38	2.91	0.57	6.61	3.36	70.92	Argille - Argille limose		
9.68	7.97	0.21	2.53	-1.70	37.95	2.63	0.57	7.37	2.99	65.93	Argille - Argille limose		
9.70	8.41	0.22	2.55	-1.70	38.23	2.62	0.57	7.82	2.95	64.13	Argille - Argille limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
9.72	8.63	0.23	2.05	-1.70	37.52	2.67	0.57	7.87	3.06	64.63	Argille - Argille limose		
9.74	8.73	0.26	2.30	-1.70	33.58	2.98	0.57	8.05	3.38	65.76	Argille - Argille limose		
9.76	8.95	0.27	2.38	-1.70	33.15	3.02	0.58	8.30	3.40	65.09	Argille - Argille limose		
9.78	9.49	0.26	2.43	-1.80	36.50	2.74	0.58	8.85	3.06	61.61	Argille - Argille limose		
9.80	9.93	0.26	2.47	-1.70	38.19	2.62	0.58	9.31	2.91	59.51	Argille - Argille limose		
9.82	10.36	0.26	2.53	-1.70	39.85	2.51	0.58	9.76	2.77	57.57	Argille - Argille limose		
9.84	11.45	0.27	2.70	-1.70	42.41	2.36	0.58	10.90	2.56	53.74	Argille - Argille limose		
9.86	11.56	0.29	2.77	-1.80	39.86	2.51	0.59	11.04	2.72	54.38	Argille - Argille limose		
9.88	13.83	0.28	2.85	-1.70	49.39	2.02	0.59	13.33	2.16	46.79	Limi argillosi - Argille Limose		
9.90	15.35	0.27	3.19	-1.80	56.85	1.76	0.59	14.97	1.85	42.33	Limi argillosi - Argille Limose		
9.92	17.42	0.28	3.28	-1.80	62.21	1.61	0.59	17.07	1.68	38.56	Limi argillosi - Argille Limose		
9.94	16.76	0.28	3.50	-1.80	59.86	1.67	0.59	16.48	1.74	39.66	Limi argillosi - Argille Limose		
9.96	16.87	0.28	3.63	-1.80	60.25	1.66	0.60	16.63	1.72	39.37	Limi argillosi - Argille Limose		
9.98	16.87	0.28	3.64	-1.80	60.25	1.66	0.60	16.64	1.72	39.37	Limi argillosi - Argille Limose		
10.00	17.63	0.30	3.60	-1.80	58.77	1.70	0.60	17.38	1.77	38.84	Limi argillosi - Argille Limose		
10.02	18.08	0.35	3.56	-1.80	51.66	1.94	0.60	17.82	2.01	40.01	Limi argillosi - Argille Limose		
10.04	19.73	0.38	4.23	-1.80	51.92	1.93	0.60	19.69	1.97	37.90	Limi argillosi - Argille Limose		
10.06	18.87	0.45	4.40	-1.80	41.93	2.38	0.61	18.89	2.43	41.47	Limi argillosi - Argille Limose		
10.08	17.56	0.50	3.67	-1.80	35.12	2.85	0.61	17.33	2.95	45.95	Limi argillosi - Argille Limose		
10.10	16.15	0.53	3.63	-1.80	30.47	3.28	0.61	15.91	3.42	49.99	Argille - Argille limose		
10.12	14.96	0.55	3.68	-1.80	27.20	3.68	0.61	14.73	3.84	53.55	Argille - Argille limose		
10.14	13.33	0.55	3.69	-1.80	24.24	4.13	0.61	13.11	4.34	58.29	Argille - Argille limose		
10.16	12.03	0.51	3.23	-1.80	23.59	4.24	0.62	11.65	4.54	61.91	Argille - Argille limose		
10.18	10.51	0.48	2.68	-1.90	21.90	4.57	0.62	9.94	5.04	67.84	Argille - Argille limose		
10.20	9.08	0.46	2.39	-1.90	19.74	5.07	0.62	8.41	5.76	74.96	Argille - Argille limose		
10.22	8.10	0.43	2.60	-1.90	18.84	5.31	0.62	7.50	6.08	79.29	Argille - Argille limose		
10.24	8.09	0.39	2.73	-1.90	20.74	4.82	0.62	7.54	5.49	76.97	Argille - Argille limose		
10.26	9.50	0.35	2.80	-1.90	27.14	3.68	0.63	8.97	4.10	66.49	Argille - Argille limose		
10.28	12.54	0.34	2.88	-1.90	36.88	2.71	0.63	12.03	2.93	53.58	Argille - Argille limose		
10.30	14.60	0.32	1.49	-1.90	45.63	2.19	0.63	13.62	2.43	47.99	Limi argillosi - Argille Limose		
10.32	12.86	0.28	1.15	-1.90	45.93	2.18	0.63	11.76	2.47	51.46	Argille - Argille limose		
10.34	11.12	0.25	1.78	-1.90	44.48	2.25	0.63	10.24	2.55	55.13	Argille - Argille limose		
10.36	10.36	0.24	2.42	-1.90	43.17	2.32	0.64	9.69	2.60	56.68	Argille - Argille limose		
10.38	10.90	0.30	3.20	-2.00	36.33	2.75	0.64	10.50	2.99	57.04	Argille - Argille limose		
10.40	12.22	0.32	3.25	-2.00	38.19	2.62	0.64	11.83	2.81	53.30	Argille - Argille limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
10.42	12.54	0.37	3.10	-2.00	33.89	2.95	0.64	12.10	3.18	54.75	Argille - Argille limose		
10.44	12.00	0.40	2.63	-2.00	30.00	3.33	0.64	11.40	3.66	58.50	Argille - Argille limose		
10.46	11.02	0.42	2.46	-2.00	26.24	3.81	0.65	10.36	4.24	63.48	Argille - Argille limose		
10.48	10.48	0.47	2.67	-2.00	22.30	4.48	0.65	9.89	4.99	67.73	Argille - Argille limose		
10.50	10.81	0.47	2.69	-2.00	23.00	4.35	0.65	10.23	4.82	66.21	Argille - Argille limose		
10.52	10.47	0.47	2.71	-2.00	22.28	4.49	0.65	9.90	4.99	67.73	Argille - Argille limose		
10.54	10.48	0.47	2.75	-2.00	22.30	4.48	0.65	9.92	4.98	67.63	Argille - Argille limose		
10.56	10.37	0.46	2.80	-2.00	22.54	4.44	0.66	9.82	4.92	67.65	Argille - Argille limose		
10.58	10.25	0.39	2.87	-2.00	26.28	3.80	0.66	9.73	4.22	64.95	Argille - Argille limose		
10.60	11.12	0.36	2.83	-2.00	30.89	3.24	0.66	10.58	3.56	59.84	Argille - Argille limose		
10.62	11.34	0.35	2.88	-2.00	32.40	3.09	0.66	10.82	3.39	58.43	Argille - Argille limose		
10.64	12.21	0.36	2.86	-2.00	33.92	2.95	0.66	11.68	3.22	55.77	Argille - Argille limose		
10.66	13.07	0.37	2.78	-2.10	35.32	2.83	0.67	12.51	3.08	53.48	Argille - Argille limose		
10.68	13.28	0.39	2.36	-2.10	34.05	2.94	0.67	12.58	3.23	54.14	Argille - Argille limose		
10.70	12.31	0.36	2.48	-2.10	34.19	2.92	0.67	11.65	3.23	55.89	Argille - Argille limose		
10.72	13.28	0.31	2.71	-2.10	42.84	2.33	0.67	12.70	2.54	50.18	Limi argillosi - Argille Limose		
10.74	18.27	0.29	2.77	-2.10	63.00	1.59	0.67	17.71	1.69	37.92	Limi argillosi - Argille Limose		
10.76	24.02	0.28	2.40	-2.10	85.79	1.17	0.68	23.33	1.23	29.63	Sabbie limose - Limi Sabbiosi		
10.78	27.06	0.26	0.85	-2.10	104.08	0.96	0.68	25.84	1.03	26.33	Sabbie limose - Limi Sabbiosi		
10.80	26.09	0.25	0.57	-2.10	104.36	0.96	0.68	24.78	1.03	27.01	Sabbie limose - Limi Sabbiosi		
10.82	25.11	0.24	0.63	-2.10	104.63	0.96	0.68	23.82	1.03	27.62	Sabbie limose - Limi Sabbiosi		
10.84	23.59	0.35	0.52	-2.10	67.40	1.48	0.68	22.26	1.61	33.32	Limi argillosi - Argille Limose		
10.86	22.40	0.45	0.54	-2.10	49.78	2.01	0.69	21.07	2.19	38.03	Limi argillosi - Argille Limose		
10.88	19.79	0.42	0.45	-2.10	47.12	2.12	0.69	18.43	2.35	41.43	Limi argillosi - Argille Limose		
10.90	19.49	0.46	0.31	-2.10	42.37	2.36	0.69	18.08	2.62	43.35	Limi argillosi - Argille Limose		
10.92	16.46	0.42	0.40	-2.10	39.19	2.55	0.69	15.08	2.89	48.43	Limi argillosi - Argille Limose		
10.94	13.96	0.51	0.55	-2.10	27.37	3.65	0.69	12.63	4.22	58.63	Argille - Argille limose		
10.96	14.40	0.44	0.63	-2.10	32.73	3.06	0.70	13.10	3.50	54.58	Argille - Argille limose		
10.98	17.98	0.44	0.68	-2.10	40.86	2.45	0.70	16.70	2.72	45.48	Limi argillosi - Argille Limose		
11.00	23.73	0.51	0.62	-2.10	46.53	2.15	0.70	22.43	2.33	37.74	Limi argillosi - Argille Limose		
11.02	29.59	0.56	0.48	-2.10	52.84	1.89	0.70	28.24	2.02	32.08	Limi argillosi - Argille Limose		
11.04	34.46	0.54	0.51	-2.10	63.81	1.57	0.70	33.12	1.66	27.39	Sabbie limose - Limi Sabbiosi		
11.06	39.57	0.51	0.38	-2.10	77.59	1.29	0.71	38.18	1.36	23.36	Sabbie limose - Limi Sabbiosi		
11.08	39.90	0.49	0.22	-2.10	81.43	1.23	0.71	38.46	1.29	22.81	Sabbie limose - Limi Sabbiosi		
11.10	38.92	0.49	0.18	-2.10	79.43	1.26	0.71	37.46	1.33	23.42	Sabbie limose - Limi Sabbiosi		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
11.12	34.47	0.43	0.18	-2.10	80.16	1.25	0.71	33.01	1.33	25.14	Sabbie limose - Limi Sabbiosi		
11.14	26.01	0.31	0.17	-2.20	83.90	1.19	0.71	24.55	1.29	29.35	Sabbie limose - Limi Sabbiosi		
11.16	19.81	0.23	0.17	-2.20	86.13	1.16	0.72	18.35	1.29	34.26	Limi argillosi - Argille Limose		
11.18	15.36	0.25	0.23	-2.20	61.44	1.63	0.72	13.92	1.87	43.96	Limi argillosi - Argille Limose		
11.20	12.22	0.34	1.50	-2.20	35.94	2.78	0.72	11.21	3.20	56.63	Argille - Argille limose		
11.22	16.88	0.40	2.49	-2.20	42.20	2.37	0.72	16.20	2.56	45.18	Limi argillosi - Argille Limose		
11.24	27.95	0.45	1.65	-2.20	62.11	1.61	0.72	26.99	1.70	30.81	Sabbie limose - Limi Sabbiosi		
11.26	39.67	0.49	0.98	-2.20	80.96	1.24	0.73	38.48	1.29	22.81	Sabbie limose - Limi Sabbiosi		
11.28	42.93	0.43	0.71	-2.20	99.84	1.00	0.73	41.65	1.05	19.93	Sabbie limose - Limi Sabbiosi		
11.30	41.29	0.36	0.66	-2.20	114.69	0.87	0.73	39.99	0.91	19.33	Sabbie limose - Limi Sabbiosi		
11.32	37.38	0.27	0.69	-2.20	138.44	0.72	0.73	36.09	0.76	19.23	Sabbie limose - Limi Sabbiosi		
11.34	34.13	0.24	0.71	-2.20	142.21	0.70	0.73	32.85	0.74	20.29	Sabbie limose - Limi Sabbiosi		
11.36	30.54	0.28	0.73	-2.20	109.07	0.92	0.74	29.26	0.98	24.06	Sabbie limose - Limi Sabbiosi		
11.38	26.09	0.36	0.79	-2.20	72.47	1.38	0.74	24.83	1.49	30.63	Sabbie limose - Limi Sabbiosi		
11.40	20.01	0.47	0.60	-2.20	42.57	2.35	0.74	18.69	2.60	42.61	Limi argillosi - Argille Limose		
11.42	17.51	0.59	0.78	-2.20	29.68	3.37	0.74	16.25	3.77	51.17	Argille - Argille limose		
11.44	21.85	0.49	0.93	-2.20	44.59	2.24	0.74	20.64	2.45	39.90	Limi argillosi - Argille Limose		
11.46	21.84	0.47	0.80	-2.20	46.47	2.15	0.75	20.58	2.35	39.42	Limi argillosi - Argille Limose		
11.48	18.81	0.46	0.81	-2.20	40.89	2.45	0.75	17.55	2.72	44.45	Limi argillosi - Argille Limose		
11.50	16.20	0.46	0.77	-2.20	35.22	2.84	0.75	14.93	3.22	50.34	Argille - Argille limose		
11.52	14.66	0.55	0.87	-2.20	26.65	3.75	0.75	13.42	4.30	57.60	Argille - Argille limose		
11.54	12.49	0.52	0.88	-2.20	24.02	4.16	0.75	11.26	4.90	64.16	Argille - Argille limose		
11.56	10.42	0.41	0.87	-2.20	25.41	3.93	0.76	9.18	4.80	68.90	Argille - Argille limose		
11.58	8.58	0.35	1.08	-2.20	24.51	4.08	0.76	7.41	5.17	76.16	Argille - Argille limose		
11.60	8.25	0.33	1.21	-2.30	25.00	4.00	0.76	7.13	5.09	76.95	Argille - Argille limose		
11.62	8.35	0.29	1.24	-2.30	28.79	3.47	0.76	7.23	4.40	73.58	Argille - Argille limose		
11.64	8.35	0.27	1.27	-2.30	30.93	3.23	0.76	7.24	4.09	72.13	Argille - Argille limose		
11.66	8.46	0.24	1.31	-2.30	35.25	2.84	0.77	7.37	3.57	69.11	Argille - Argille limose		
11.68	9.75	0.22	1.36	-2.30	44.32	2.26	0.77	8.67	2.74	60.29	Argille - Argille limose		
11.70	11.92	0.21	1.41	-2.30	56.76	1.76	0.77	10.86	2.06	50.57	Limi argillosi - Argille Limose		
11.72	13.00	0.20	1.39	-2.30	65.00	1.54	0.77	11.93	1.77	46.47	Limi argillosi - Argille Limose		
11.74	11.38	0.21	1.38	-2.30	54.19	1.85	0.77	10.31	2.18	52.57	Argille - Argille limose		
11.76	10.40	0.23	1.46	-2.30	45.22	2.21	0.78	9.35	2.65	57.85	Argille - Argille limose		
11.78	14.42	0.20	1.61	-2.30	72.10	1.39	0.78	13.42	1.57	42.42	Limi argillosi - Argille Limose		
11.80	20.49	0.19	1.48	-2.30	107.84	0.93	0.78	19.45	1.01	30.75	Sabbie limose - Limi Sabbiosi		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
11.82	24.51	0.22	1.15	-2.30	111.41	0.90	0.78	23.36	0.97	27.38	Sabbie limose - Limi Sabbiosi		
11.84	29.82	0.31	1.02	-2.30	96.19	1.04	0.78	28.62	1.11	25.51	Sabbie limose - Limi Sabbiosi		
11.86	39.16	0.41	1.11	-2.30	95.51	1.05	0.79	37.99	1.10	21.51	Sabbie limose - Limi Sabbiosi		
11.88	48.06	0.45	0.38	-2.30	106.80	0.94	0.79	46.64	0.98	18.02	Sabbie limose - Limi Sabbiosi		
11.90	54.95	0.46	0.26	-2.30	119.46	0.84	0.79	53.49	0.87	15.59	Sabbie limose - Limi Sabbiosi		
11.92	61.84	0.47	0.14	-2.30	131.57	0.76	0.79	60.34	0.79	13.63	Sabbie - Sabbie limose		
11.94	65.21	0.46	0.06	-2.30	141.76	0.71	0.79	63.68	0.73	12.61	Sabbie - Sabbie limose		
11.96	66.73	0.48	-0.16	-2.30	139.02	0.72	0.80	65.13	0.75	12.52	Sabbie - Sabbie limose		
11.98	66.19	0.42	-0.21	-2.30	157.60	0.63	0.80	64.57	0.66	11.83	Sabbie - Sabbie limose		
12.00	63.04	0.34	-0.18	-2.30	185.41	0.54	0.80	61.43	0.56	11.39	Sabbie - Sabbie limose		
12.02	59.89	0.26	-0.16	-2.30	230.35	0.43	0.80	58.29	0.45	10.78	Sabbie - Sabbie limose		
12.04	58.37	0.27	-0.14	-2.30	216.19	0.46	0.80	56.77	0.48	11.35	Sabbie - Sabbie limose		
12.06	58.60	0.28	0.17	-2.20	209.29	0.48	0.81	57.11	0.50	11.45	Sabbie - Sabbie limose		
12.08	54.81	0.30	-0.17	-2.30	182.70	0.55	0.81	53.20	0.57	12.93	Sabbie - Sabbie limose		
12.10	46.89	0.36	-0.24	-2.30	130.25	0.77	0.81	45.26	0.81	16.92	Sabbie limose - Limi Sabbiosi		
12.12	34.62	0.35	-0.23	-2.30	98.91	1.01	0.81	32.99	1.08	23.29	Sabbie limose - Limi Sabbiosi		
12.14	25.94	0.32	-0.21	-2.30	81.06	1.23	0.81	24.32	1.36	30.00	Sabbie limose - Limi Sabbiosi		
12.16	20.29	0.44	-0.20	-2.30	46.11	2.17	0.82	18.67	2.45	41.81	Limi argillosi - Argille Limose		
12.18	19.86	0.63	-0.09	-2.30	31.52	3.17	0.82	18.28	3.59	47.94	Argille - Argille limose		
12.20	26.80	0.83	1.90	-2.30	32.29	3.10	0.82	25.89	3.30	40.09	Limi argillosi - Argille Limose		
12.22	41.34	0.85	1.45	-2.40	48.64	2.06	0.82	40.28	2.15	27.51	Sabbie limose - Limi Sabbiosi		
12.24	61.41	0.77	0.80	-2.40	79.75	1.25	0.82	60.13	1.30	17.46	Sabbie limose - Limi Sabbiosi		
12.26	76.70	0.66	-0.06	-2.30	116.21	0.86	0.83	75.12	0.89	12.32	Sabbie - Sabbie limose		
12.28	82.97	0.63	-0.12	-2.40	131.70	0.76	0.83	81.37	0.78	10.78	Sabbie - Sabbie limose		
12.30	85.68	0.57	-0.11	-2.40	150.32	0.67	0.83	84.09	0.68	9.71	Sabbie - Sabbie limose		
12.32	86.44	0.49	-0.03	-2.40	176.41	0.57	0.83	84.87	0.58	8.76	Sabbie - Sabbie limose		
12.34	84.15	0.43	0.02	-2.40	195.70	0.51	0.83	82.60	0.53	8.46	Sabbie - Sabbie limose		
12.36	80.13	0.41	0.04	-2.40	195.44	0.51	0.84	78.59	0.53	8.88	Sabbie - Sabbie limose		
12.38	74.27	0.37	0.06	-2.40	200.73	0.50	0.84	72.73	0.51	9.41	Sabbie - Sabbie limose		
12.40	66.13	0.37	0.06	-2.40	178.73	0.56	0.84	64.59	0.58	11.11	Sabbie - Sabbie limose		
12.42	53.86	0.37	0.05	-2.40	145.57	0.69	0.84	52.32	0.72	14.50	Sabbie - Sabbie limose		
12.44	39.64	0.43	0.04	-2.40	92.19	1.08	0.84	38.09	1.15	21.89	Sabbie limose - Limi Sabbiosi		
12.46	31.07	0.59	0.07	-2.40	52.66	1.90	0.85	29.53	2.05	31.55	Limi argillosi - Argille Limose		
12.48	27.47	0.78	0.09	-2.40	35.22	2.84	0.85	25.94	3.10	39.15	Limi argillosi - Argille Limose		
12.50	22.04	1.15	0.07	-2.40	19.17	5.22	0.85	20.50	5.84	54.09	Argille - Argille limose		

Profondità	qc	fs	U2	Tilt	qc/fs	Fr	Uo	qcn	fsn	FC%	Litologia: Robertson 1990 - A		
m	kg/cm ²	kg/cm ²	kg/cm ²	gradi	k	k	kg/cm ²	kg/cm ²	kg/cm ²	%			
12.52	25.61	1.35	0.48	-2.40	18.97	5.27	0.85	24.21	5.77	50.56	Argille - Argille limose		
12.54	56.42	1.25	1.17	-2.40	45.14	2.22	0.85	55.25	2.30	24.10	Sabbie limose - Limi Sabbiosi		
12.56	101.77	1.01	1.41	-2.40	100.76	0.99	0.86	100.69	1.01	10.66	Sabbie - Sabbie limose		
12.58	142.42	0.74	0.12	-2.50	192.46	0.52	0.86	140.90	0.53	4.75	Sabbie - Sabbie limose		
12.60	163.47	0.65	-0.32	-2.50	251.49	0.40	0.86	161.80	0.40	2.94	Sabbie - Sabbie limose		
12.62	172.31	0.64	-0.48	-2.50	269.23	0.37	0.86	170.58	0.38	2.45	Sabbie - Sabbie limose		
12.64	181.15	0.63	-0.64	-2.50	287.54	0.35	0.86	179.37	0.35	2.00	Sabbie - Sabbie limose		
12.66	214.68	0.49	-0.44	-2.50	438.12	0.23	0.87	212.97	0.23	0.23	Sabbie		
12.68	233.67	0.45	-0.11	-2.50	519.27	0.19	0.87	232.07	0.19	0.00	Sabbie		
12.70	240.51	0.55	0.19	-2.60	437.29	0.23	0.00	239.57	0.23	0.00	Sabbie		