



Geotecnica S.a.s.

AUTOSTRADA PEDEMONTANA LOMBARDA S.P.A.
COLLEGAMENTO AUTOSTRADALE
DALMINE-VARESE-COMO-VALICO DEL GAGGIOLO
TRATTA B2 :LENTATE - CESANO MADERNO

Pag. 1 di 1

Lotto: 4 Tratta B2

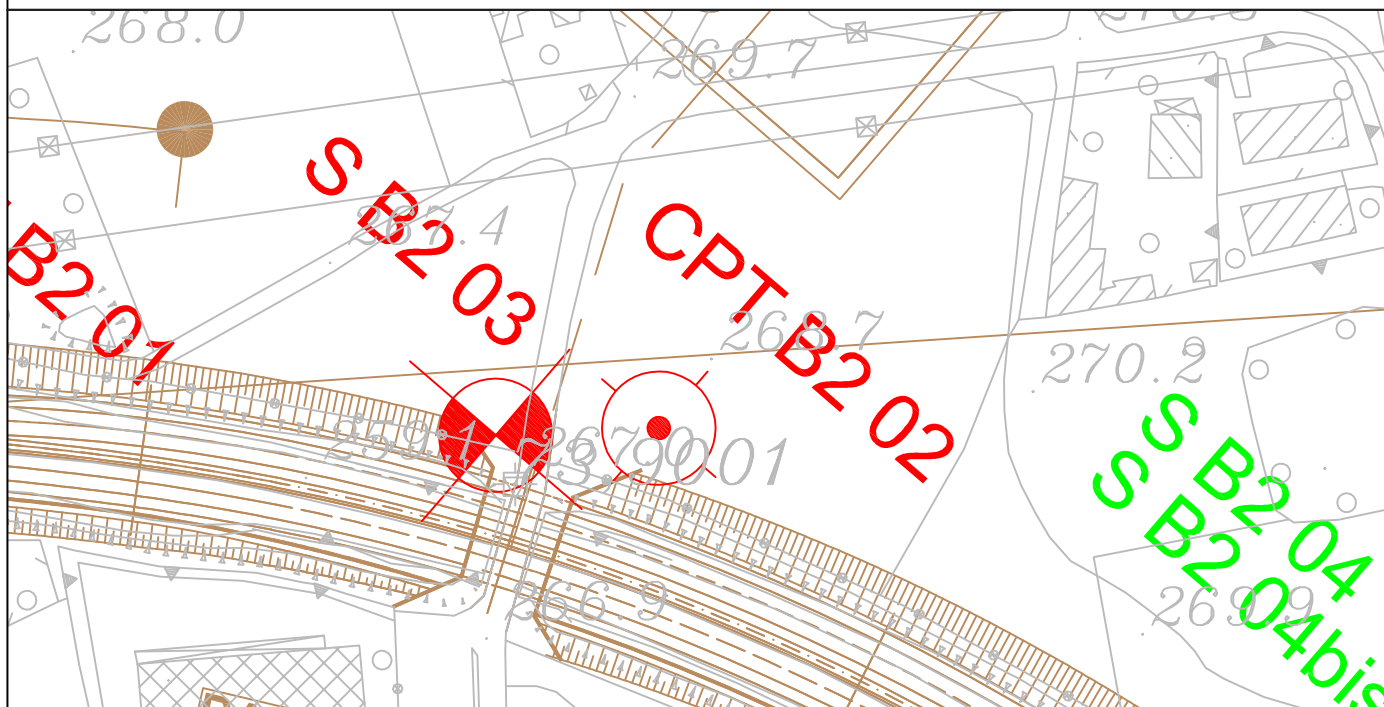
Comune: Lentate S/S

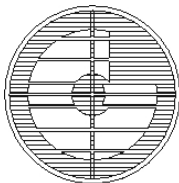
Località :

Sondaggio	Coordinate		
	Gauss-Boaga	Est: 1508122.69	Nord: 5058850.58
	Locali	E:	N:
	WGS84	Est: 9°06'14.21"	Nord: 45°40'58.71"
CPT B2 02	Quota (m s.l.m.)	267.0	

Documentazione fotografica sondaggio	Note
	Le coordinate locali sono calcolate rispetto alla Base 4E

Stralcio planimetrico scala 1:2000





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Sede Amministrativa: Viale Primo Vere, 37
65129 - PESCARA
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PROVA PENETROMETRICA STATICA CPT B2 02

Committente: Autostrada Pedemontana S.p.A.

Cantiere: Autostrada di collegamento Dalmine-Como-Varese- Valico del Gaggiolo

1^a fase – Indagini geognostiche/ prove penetrometriche

Località: Lentate sul Seveso MI

Caratteristiche Tecniche-Strumentali Sonda: PAGANI TG63-200 kN

Area punta	10
Angolo di apertura punta (°)	60
Diametro Punta conica meccanica (mm)	35,7
Velocità di avanzamento standard (cm/s)	2
Superficie manicotto	150
Costante di trasformazione Ct	10

PROVA CPT B2 02

Strumento utilizzato...
Prova eseguita in data

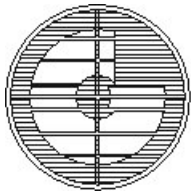
PAGANI TG 63 (200 kN)
21/07/2008

Profondità prova

15,20 mt

Profondità (m)	Lettura punta (Kg/cm ²)	Lettura laterale (Kg/cm ²)	qc (Kg/cm ²)	fs (Kg/cm ²)	qc/fs Begemann	fs/qcx100 (Schmertmann)
0,20	0,0	0,0	0,0	4,1333	0,0	
0,40	115,0	177,0	115,0	4,4	26,14	3,83
0,60	36,0	102,0	36,0	2,1333	16,88	5,93
0,80	23,0	55,0	23,0	1,2667	18,16	5,51
1,00	13,0	32,0	13,0	0,6667	19,5	5,13
1,20	8,0	18,0	8,0	0,4	20,0	5,0
1,40	8,0	14,0	8,0	0,4	20,0	5,0
1,60	7,0	13,0	7,0	0,5333	13,13	7,62
1,80	9,0	17,0	9,0	0,4667	19,28	5,19
2,00	11,0	18,0	11,0	0,5333	20,63	4,85
2,20	17,0	25,0	17,0	0,8	21,25	4,71
2,40	19,0	31,0	19,0	0,9333	20,36	4,91
2,60	38,0	52,0	38,0	1,6	23,75	4,21
2,80	44,0	68,0	44,0	1,8667	23,57	4,24
3,00	49,0	77,0	49,0	2,1333	22,97	4,35
3,20	47,0	79,0	47,0	1,8	26,11	3,83
3,40	32,0	59,0	32,0	1,3333	24,0	4,17
3,60	23,0	43,0	23,0	1,7333	13,27	7,54
3,80	40,0	66,0	40,0	1,8	22,22	4,5
4,00	26,0	53,0	26,0	2,0	13,0	7,69
4,20	60,0	90,0	60,0	2,5333	23,68	4,22
4,40	35,0	73,0	35,0	2,2	15,91	6,29
4,60	43,0	76,0	43,0	2,6667	16,12	6,2
4,80	40,0	80,0	40,0	2,0	20,0	5,0
5,00	48,0	78,0	48,0	2,0	24,0	4,17
5,20	44,0	74,0	44,0	2,6667	16,5	6,06
5,40	54,0	94,0	54,0	1,5333	35,22	2,84
5,60	24,0	47,0	24,0	1,3333	18,0	5,56
5,80	39,0	59,0	39,0	1,6667	23,4	4,27
6,00	29,0	54,0	29,0	2,8667	10,12	9,89
6,20	53,0	96,0	53,0	1,4	37,86	2,64
6,40	49,0	70,0	49,0	2,4	20,42	4,9
6,60	64,0	100,0	64,0	2,6	24,62	4,06
6,80	45,0	84,0	45,0	2,4667	18,24	5,48
7,00	27,0	64,0	27,0	2,4	11,25	8,89
7,20	27,0	63,0	27,0	1,2667	21,32	4,69
7,40	53,0	72,0	53,0	4,5333	11,69	8,55
7,60	66,0	134,0	66,0	0,5333	123,76	0,81
7,80	74,0	82,0	74,0	2,5333	29,21	3,42
8,00	32,0	70,0	32,0	4,2	7,62	13,13
8,20	47,0	110,0	47,0	4,2	11,19	8,94
8,40	63,0	126,0	63,0	2,8	22,5	4,44
8,60	33,0	75,0	33,0	3,2	10,31	9,7
8,80	60,0	108,0	60,0	2,1333	28,13	3,56
9,00	33,0	65,0	33,0	5,1333	6,43	15,56
9,20	84,0	161,0	84,0	2,8	30,0	3,33
9,40	163,0	205,0	163,0	5,1333	31,75	3,15
9,60	63,0	140,0	63,0	2,4667	25,54	3,92
9,80	53,0	90,0	53,0	3,6667	14,45	6,92
10,00	96,0	151,0	96,0	5,2	18,46	5,42
10,20	116,0	194,0	116,0	1,0	116,0	0,86
10,40	96,0	111,0	96,0	4,8	20,0	5,0
10,60	77,0	149,0	77,0	2,9333	26,25	3,81

10,80	197,0	241,0	197,0	4,2	46,9	2,13
11,00	67,0	130,0	67,0	4,4667	15,0	6,67
11,20	80,0	147,0	80,0	5,1333	15,58	6,42
11,40	78,0	155,0	78,0	3,4667	22,5	4,44
11,60	101,0	153,0	101,0	3,1333	32,23	3,1
11,80	126,0	173,0	126,0	2,6667	47,25	2,12
12,00	124,0	164,0	124,0	5,5333	22,41	4,46
12,20	97,0	180,0	97,0	3,9333	24,66	4,05
12,40	70,0	129,0	70,0	3,8667	18,1	5,52
12,60	192,0	250,0	192,0	6,0667	31,65	3,16
12,80	96,0	187,0	96,0	4,1333	23,23	4,31
13,00	77,0	139,0	77,0	4,3333	17,77	5,63
13,20	91,0	156,0	91,0	5,1333	17,73	5,64
13,40	93,0	170,0	93,0	3,7333	24,91	4,01
13,60	97,0	153,0	97,0	4,4667	21,72	4,6
13,80	81,0	148,0	81,0	3,9333	20,59	4,86
14,00	96,0	155,0	96,0	4,2	22,86	4,38
14,20	80,0	143,0	80,0	2,8	28,57	3,5
14,40	82,0	124,0	82,0	4,3333	18,92	5,28
14,60	93,0	158,0	93,0	2,9333	31,7	3,15
14,80	98,0	142,0	98,0	4,3333	22,62	4,42
15,00	180,0	245,0	180,0	4,3333	41,54	2,41
15,20	358,0	423,0	358,0	0,0		0,0



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Probe CPT - Cone Penetration Nr.B2

Strumento utilizzato... PAGANI TG 63 (200 kN)

Diagramma Resistenze qc fs

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Cantiere : Autostrada di collegamento Dalmine-Como-Varese- Valico del Gaggiolo
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Data :21/07/2008

