

**PROVA PENETROMETRICA STATICA  
 CPT**

Penetrometro statico Deep Drill

Spinta: 10 t

Avanz.: 2 cm/s

Punta mecc. Tipo Begemann

Area punta: 10 cm<sup>2</sup>

area man. 150 cm<sup>2</sup>

apert.: 60°

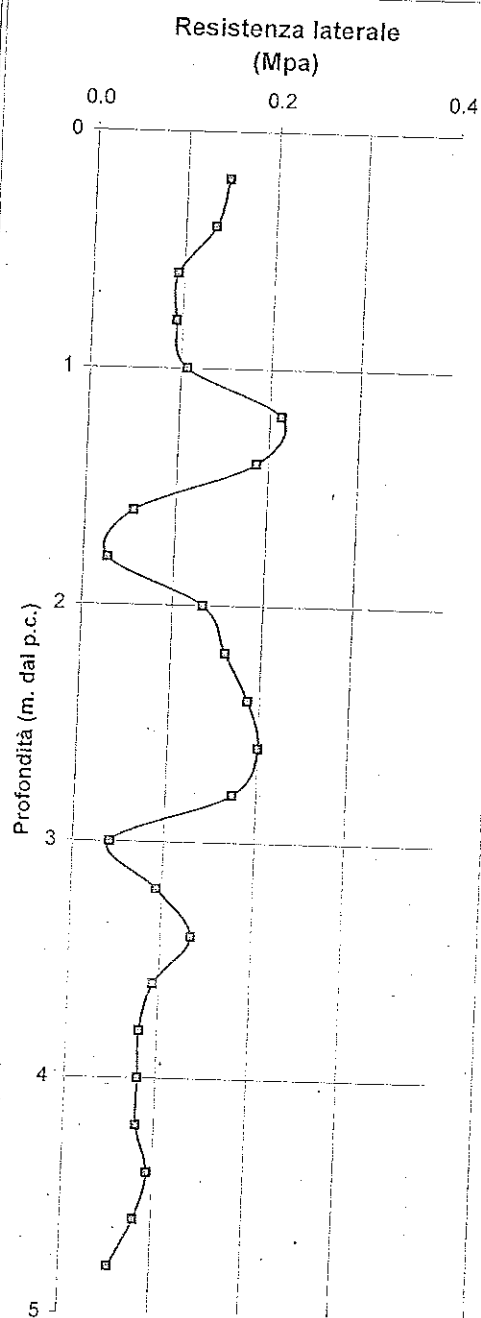
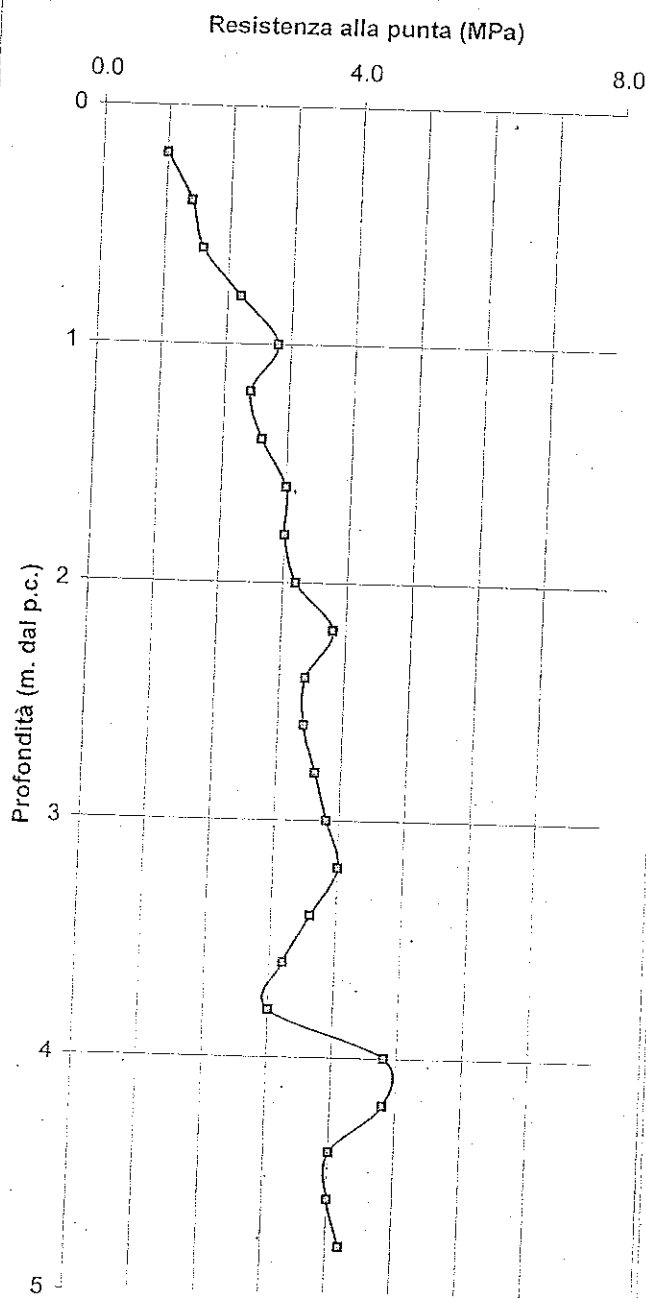
LAVORO	Centrale termica a biomasse
LOCALITA'	Santa Maria Macerata
COMUNE	San Casciano in Val di Pesa (Fi)
COMM. TE	
QUOTA P.C.	355 m slm
DATA	10/03/2010

Livello freatico (m) da p.c.

Prof.	Dati di campagna kg/cm <sup>2</sup>			litologia	Rp MPa	RL MPa	Rp/RL	cvo kPa	$\gamma kN/m^3$	cu kPa	Mo MPa		Dr%	$\phi'$	Et MPa
	Punta	P+L	(P+L)-P								Argilla	Limo			
0.2	10.00	32	22	argille	1.0	0.15	6.8		16.89	33	--	--	-	-	
0.4	14.00	34	20	argille	1.4	0.13	10.5	6.9	17.41	46	--	--	-	-	
0.6	16.00	30	14	limi e argille	1.6	0.09	17.1	10.4	17.67	53	4.80	--	80	22	3.27
0.8	22.00	36	14	limi e argille	2.2	0.09	23.6	14.1	18.45	73	3.85	--	85	24	5.13
1	28.00	44	16	limi e argille	2.8	0.11	26.3	17.9	19.23	93	4.90	--	88	25	6.53
1.2	24.00	56	32	argille	2.4	0.21	11.3	21.7	18.71	79	--	--	-	-	5.60
1.4	26.00	54	28	argille	2.6	0.19	13.9	25.5	18.97	86	--	--	-	-	6.07
1.6	30.00	38	8	limi e sabbie	3.0	0.05	56.3	29.4	19.49	-	--	--	83	26	7.00
1.8	30.00	34	4	sabbie e ghiaie	3.0	0.03	70.0	33.3	19.49	-	--	--	81	26	7.00
2	32.00	52	20	limi e argille	3.2	0.13	24.0	37.2	19.75	105	5.60	--	82	26	7.47
2.2	38.00	62	24	limi e argille	3.8	0.16	23.8	41.3	20.53	125	6.65	--	85	27	8.87
2.4	34.00	62	28	limi e argille	3.4	0.19	18.2	45.3	20.01	112	5.95	--	80	27	7.93
2.6	34.00	64	30	limi e argille	3.4	0.20	17.0	49.3	20.01	112	5.95	--	79	27	7.93
2.8	36.00	62	26	limi e argille	3.6	0.17	20.8	53.4	20.27	118	6.30	--	80	27	8.40
3	38.00	44	6	sabbie e ghiaie	3.8	0.04	70.0	57.5	20.53	-	--	--	80	27	8.87
3.2	40.00	54	14	limi e sabbie	4.0	0.09	42.9	61.6	20.79	-	--	18.00	81	28	9.33
3.4	36.00	56	20	limi e argille	3.6	0.13	27.0	65.7	20.27	118	6.30	--	77	27	8.40
3.6	32.00	46	14	limi e sabbie	3.2	0.09	34.3	69.6	19.75	-	--	14.40	73	26	7.47
3.8	30.00	42	12	limi e sabbie	3.0	0.08	37.5	73.5	19.49	-	--	13.50	70	26	7.00
4	48.00	60	12	sabbie e ghiaie	4.8	0.08	60.0	77.9	21.83	-	--	--	83	29	11.20
4.2	48.00	60	12	sabbie e ghiaie	4.8	0.08	60.0	82.3	21.83	-	--	--	82	29	11.20
4.4	40.00	54	14	limi e sabbie	4.0	0.09	42.9	86.4	20.79	-	--	18.00	76	28	9.33
4.6	40.00	52	12	limi e sabbie	4.0	0.08	50.0	90.6	20.79	-	--	--	75	28	9.33
4.8	42.00	50	8	sabbie e ghiaie	4.2	0.05	70.0	94.8	21.05	-	--	--	76	28	9.80

**PROVA PENETROMETRICA STATICA CPT  
 DIAGRAMMI VALORI RESISTENZA**

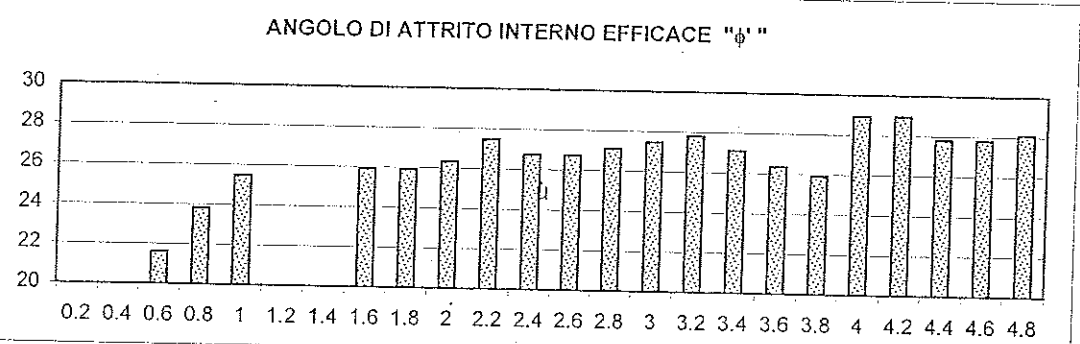
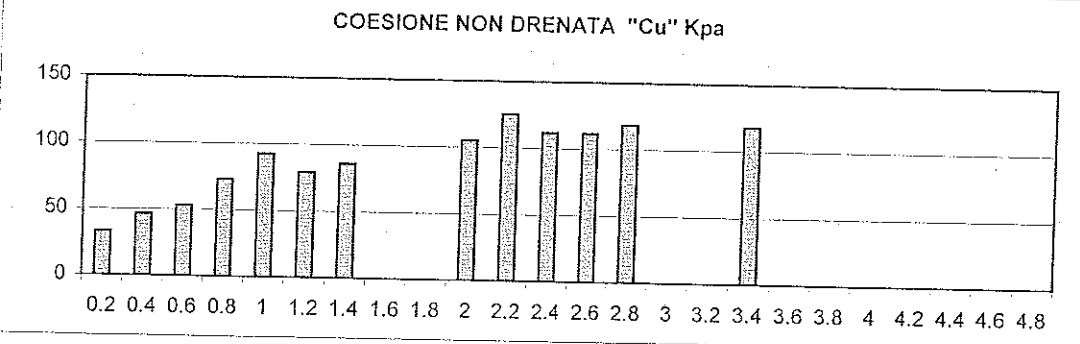
**LAVORO** Centrale termica a biomasse  
**LOCALITA'** Santa Maria Macerata  
**COMUNE** San Casciano in Val di Pesa (FI)  
**COMM.TE**  
**QUOTA P.C.** 355 m slm  
**DATA** 10/03/2010



**PROVA PENETROMETRICA STATICA CPT  
 GRAFICI PARAMETRI GEOTECNICI**

LAVORO Centrale termica a biomasse  
 LOCALITA' Santa Maria Macerata  
 COMUNE San Casciano in Val di Pesa (FI)  
 COMM.TE  
 QUOTA P.C. 355 m slm  
 DATA 10/03/2010

PARAMETRI DI RESISTENZA AL TAGLIO



PARAMETRI DI COMPRESSIBILITA'

