

PROFILO SISMICO: SR6

Localita'

Comune

Ditta

Mirto (Me)

Geol R. Profeta

DR F.sco CANNAVO

lunghezza stendim. [metri] 72

numero di geofoni ..... 12

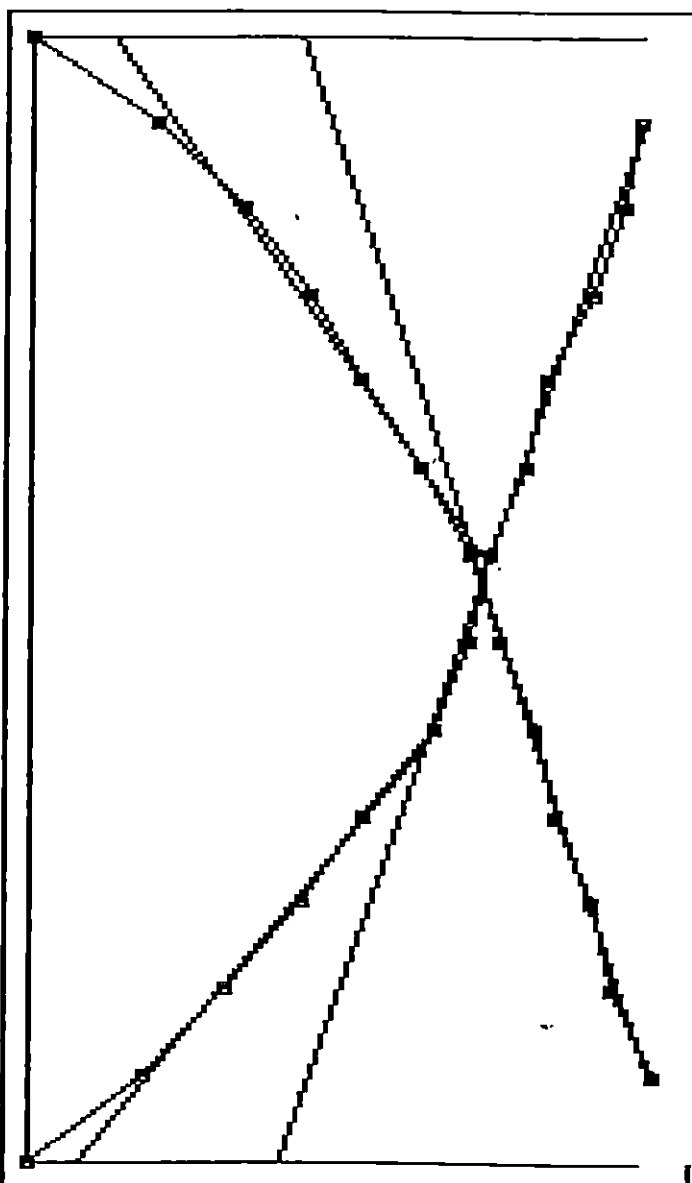
strumentazione: DOLANG Sanremo

Strato	Velocita'		Ritardi		Tempi finali	
1	0.68	0.74	-0.00	0.00	114.52	105.23
2	1.40	1.21	5.60	3.45	61.14	68.14
3	2.96	2.89	18.52	17.72	44.83	44.69

Strato	Spessore		Profondita'		Velocita'	Alfa
1	2.39	1.47	0.00	0.00	0.71	4
2	6.52	7.44	2.39	1.47	1.02	-2
3	Inf.	Inf.	8.90	8.91	2.92	--

SR6  
ANDATA

8.8
14.8
19.3
22.9
26.9
30.7
32.6
35.0
36.4
38.8
40.5
43.1



SR6  
RITORNO

8.1
13.6
18.8
23.3
28.1
30.5
31.9
34.3
36.0
38.8
41.2
42.1

Rit.<s>

-0.00
5.60
18.52

Vel.<s>

0.68
1.40
2.96

Rifp.<s>

114.52
61.14
44.83

Rifp.<d>

105.23
68.14
44.69

Vel.<d>

0.74
1.21
2.89

Rit.<d>

0.00
3.45
17.72

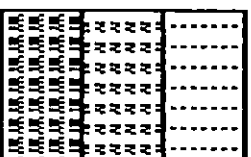
**SONDRAGGIO ...SR6 ----- DR F.500 CANNAUO**

**DR. F. SCO CAMPBELL**

\* Suoli alterati superficiali.....

## \* Definito

**\* Substrato metamorfico fratturato e rimaneggiato**



**[R]**

【五】

1  
2  
3

10.9

\*\*\* PRINCIPALI CARATTERISTICHE GEOTECNICHE \*\*\*

DR F.sco CANNAVO

strumentazione usata: DOLANG - Sanremo

sondaggio SR6

STRATO N' 1

V.long. Km/s = 0.70    Gamma t. t/m3 = 2.0/2.2    M.Young Kg/cm2 = 9000/ 1100

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
1.90	0.45	34000	3000	0.43
2.00	0.45	34000	3000	0.42
2.20	0.45	34000	3000	0.40
2.30	0.45	34000	3000	0.39

Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona Classe	Incrementi W>-10 W=-5 W=-2 W= 0	sismici / W>-10 W=-5 W=-2 W=	Coeff. di fondazion W>-10 W=-5 W=-2 W=
1.90	1.33	Z 2 C 6	1.23 1.59 2.08 2.23		1.00 1.05 1.12 1.15
2.00	1.40	Z 2 C 6	1.19 1.56 2.04 2.19		1.00 1.04 1.12 1.14
2.20	1.54	Z 2 C 6	1.12 1.49 1.97 2.12		1.00 1.03 1.11 1.13
2.30	1.61	Z 2 C 6	1.09 1.45 1.94 2.09		1.00 1.03 1.10 1.12

STRATO N' 2

V.long. Km/s = 1.00    Gamma t. t/m3 = 2.0/2.3    M.Young Kg/cm2 = 13000/ 1600

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
1.90	0.44	40000	5000	0.52
2.00	0.44	40000	5000	0.50
2.30	0.44	40000	5000	0.47
2.40	0.44	40000	5000	0.46

Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona Classe	Incrementi W>-10 W=-5 W=-2 W= 0	sismici / W>-10 W=-5 W=-2 W=	Coeff. di fondazion W>-10 W=-5 W=-2 W=
1.90	1.90	Z 2 C 6	0.96 1.33 1.81 1.96		1.00 1.01 1.08 1.10
2.00	2.00	Z 2 C 6	0.92 1.29 1.78 1.92		1.00 1.00 1.08 1.10
2.30	2.30	Z 2 C 5	0.82 1.19 1.67 1.82		1.00 1.00 1.06 1.08
2.40	2.40	Z 2 C 5	0.79 1.16 1.64 1.79		1.00 1.00 1.05 1.08

STRATO N' 3

v.long. Km/s = 2.90    Gamma t. t/m3 = 2.4/2.5    M.Young Kg/cm2 = 132000/ 16000

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
2.30	0.29	115000	56000	1.57
2.40	0.31	124000	55000	1.53
2.50	0.32	135000	55000	1.49
2.60	0.33	143000	54000	1.45

Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona	Classe	Incrementi W>-10 W=-5 W=-2 W= 0	sismici / W>-10 W=-5 W=-2 W=	Coeff. di fondazion W>-10 W=-5 W=-2 W=
2.30	6.67	Z 1	C 3	0.04 0.04 0.04 0.04		1.00 1.00 1.00 1.00
2.40	6.96	Z 1	C 3	0.00 0.00 0.00 0.00		1.00 1.00 1.00 1.00
2.50	7.25	Z 1	C 3	0.00 0.00 0.00 0.00		1.00 1.00 1.00 1.00
2.60	7.54	Z 1	C 3	0.00 0.00 0.00 0.00		1.00 1.00 1.00 1.00

PROFILO SISMICO: SR7

Localita' \_\_\_\_\_  
 Comune Mirto (Me)  
 Ditta Geol. R. Profet

DR F.sco CANNAVO

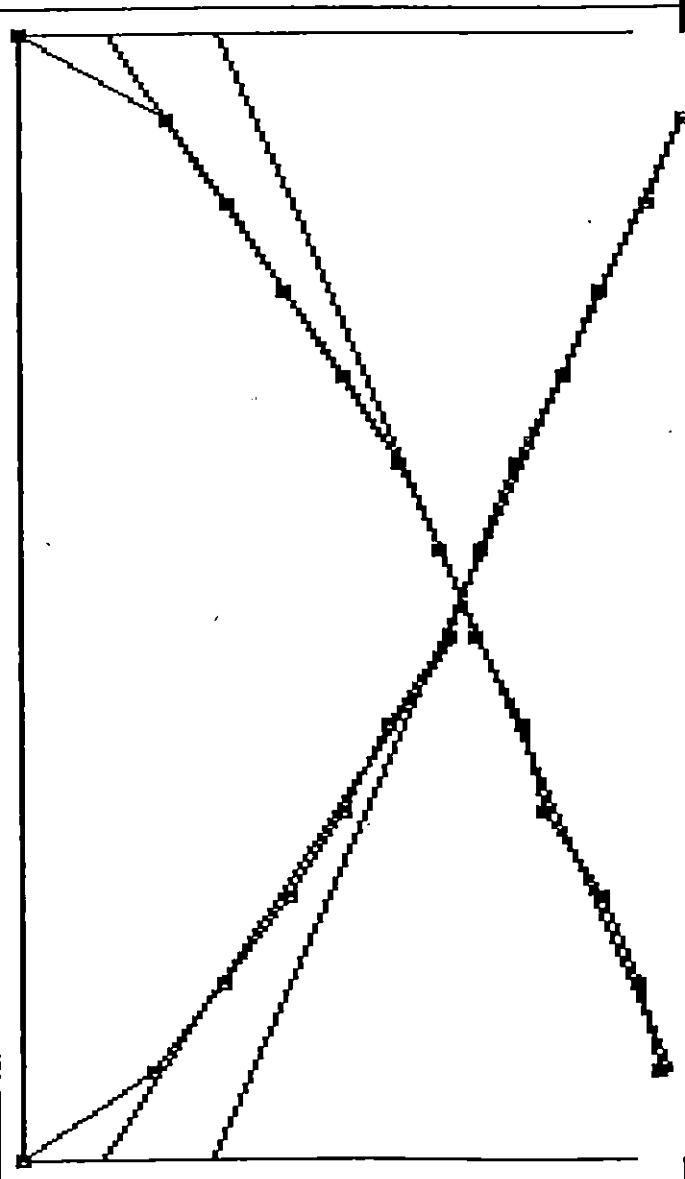
lunghezza stendim. [metri] 84  
 numero di geofoni ..... 12  
 strumentazione: DOLANG Sanremo

Strato	Velocita'		Ritardi		Tempi finali	
1	0.89	0.98	-0.00	0.00	102.14	92.85
2	2.21	2.20	4.79	4.48	45.95	45.77
3	3.47	3.32	10.58	10.34	36.82	37.75

Strato	Spessore		Profondita'		Velocita'	Alfa
1	2.47	2.31	0.00	0.00	0.94	0
2	8.00	8.12	2.47	2.31	2.21	1
3	Inf.	Inf.	10.47	10.44	3.39	--

SR7  
ANDATA

7.9  
11.2  
14.3  
17.6  
20.5  
22.6  
24.8  
27.1  
28.3  
31.2  
33.1  
34.3

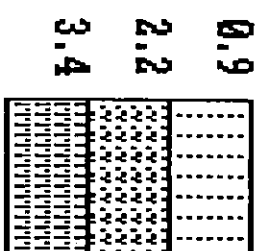


SR7  
RITORNO

7.1  
11.0  
14.5  
17.6  
20.0  
23.0  
25.0  
26.9  
29.3  
31.2  
33.0  
35.7

Rit.<s>	Vel.<s>	Rifp.<s>	Rifp.<d>	Vel.<d>	Rit.<d>
-0.00	0.89	102.14	92.85	0.98	0.00
4.79	2.21	45.95	45.77	2.20	4.48
10.58	3.47	36.82	37.75	3.32	10.34

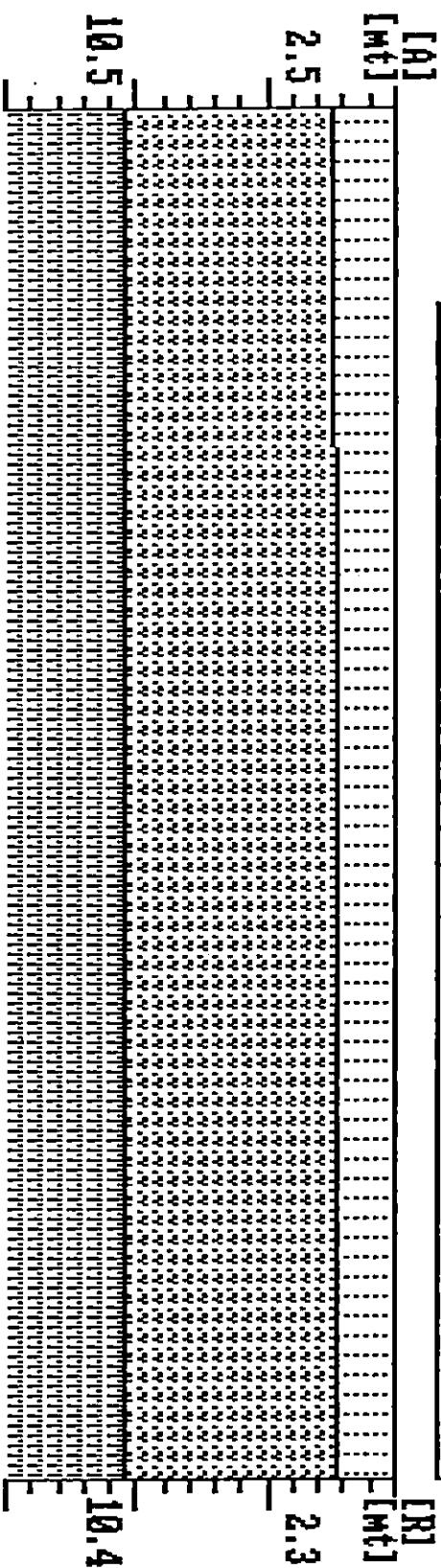
Km/s **Legenda**



**SONDAGGIO ...SR?**

**DR F. SCO CANNAVO**

- \* Suoli alterati superficiali
- \* Detrito con blocchi metamorfici
- \* Substrato roccioso costituito da rocce metamorfiche



PRINCIPALI CARATTERISTICHE GEOTECNICHE \*\*\*

DR F.sco CANNAVO

strumentazione usata: DOLANG - Sanremo

ondaggio SR7

TRATO N' 1

long. Km/s = 0.90    Gamma t. t/m3 = 2.0/2.2    M.Young Kg/cm2 = 11000/ 1400

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
1.90	0.45	40000	4000	0.49
2.00	0.45	40000	4000	0.48
2.20	0.45	40000	4000	0.46
2.30	0.45	40000	4000	0.45

Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona Classe	Incrementi W>-10 W=-5 W=-2 W= 0	sismici / W>-10 W=-5 W=-2 W=	Coeff. di fondazion W>-10 W=-5 W=-2 W=
1.90	1.71	Z 2 C 6	1.04 1.41 1.89 2.04		1.00 1.02 1.09 1.12
2.00	1.80	Z 2 C 6	1.00 1.37 1.85 2.00		1.00 1.01 1.09 1.11
2.20	1.98	Z 2 C 6	0.93 1.30 1.78 1.93		1.00 1.00 1.08 1.10
2.30	2.07	Z 2 C 5	0.90 1.27 1.75 1.90		1.00 1.00 1.07 1.09

TRATO N' 2

long. Km/s = 2.20    Gamma t. t/m3 = 2.3/2.4    M.Young Kg/cm2 = 63000/ 7700

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
2.20	0.34	70000	26000	1.09
2.30	0.35	75000	26000	1.06
2.40	0.36	80000	25000	1.04
2.50	0.37	86000	25000	1.01

Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona Classe	Incrementi W>-10 W=-5 W=-2 W= 0	sismici / W>-10 W=-5 W=-2 W=	Coeff. di fondazion W>-10 W=-5 W=-2 W=
2.20	4.84	Z 1 C 4	0.27 0.27 0.27 0.27		1.00 1.00 1.00 1.00
2.30	5.06	Z 1 C 4	0.24 0.24 0.24 0.24		1.00 1.00 1.00 1.00
2.40	5.28	Z 1 C 4	0.21 0.21 0.21 0.21		1.00 1.00 1.00 1.00
2.50	5.50	Z 1 C 4	0.18 0.18 0.18 0.18		1.00 1.00 1.00 1.00

TRATO N' 3

long. Km/s = 3.40    Gamma t. t/m3 = 2.4/2.5    M.Young Kg/cm2 = 197000/ 23800

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
2.30	0.26	150000	86000	1.94
2.40	0.28	160000	85000	1.88
2.50	0.30	176000	83000	1.83
2.60	0.31	185000	83000	1.79

Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona	Classe	Incrementi sismici /	Coeff. di fondazion
				W>-10 W=-5 W=-2 W= 0	W>-10 W=-5 W=-2 W=
2.30	7.82	Z 1	C 3	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00
2.40	8.16	Z 1	C 2	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00
2.50	8.50	Z 1	C 2	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00
2.60	8.84	Z 1	C 2	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00

PROFILO SISMICO: SR8

Localita' \_\_\_\_\_

Comune Mirto (Me)

Ditta Geol. R. Profet

DR F.sco CANNAVO

lunghezza stendim. [metri] 84

numero di geofoni ..... 12

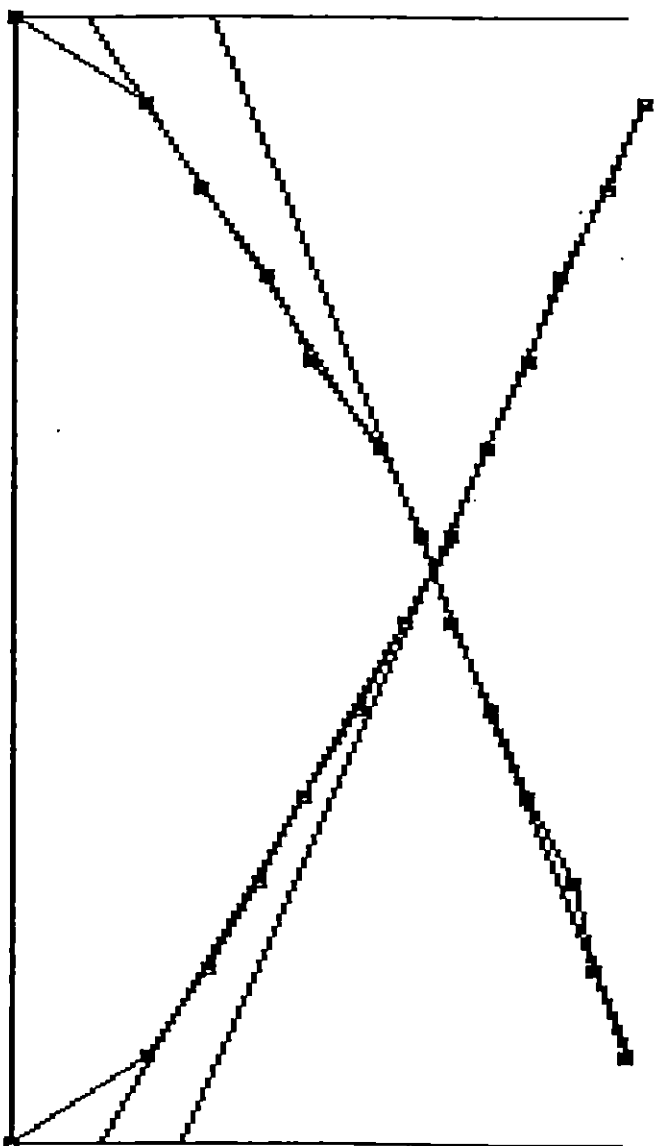
strumentazione: DOLANG Sanremo

Strato	Velocita'		Ritardi		Tempi finali	
1	0.86	0.84	0.00	0.00	105.23	108.32
2	1.95	2.27	4.40	5.71	51.14	45.73
3	3.25	3.04	11.99	10.67	40.03	40.65

Strato	Spessore		Profondita'		Velocita'	Alfa
1	2.06	2.67	0.00	0.00	0.85	-2
2	10.50	6.64	2.06	2.67	2.10	6
3	Inf.	Inf.	12.55	9.31	3.11	--

SR8  
ANDATA

8.1  
11.4  
15.5  
18.3  
22.6  
25.0  
26.9  
29.3  
31.4  
34.3  
35.7  
37.4



SR8  
RITORNO

8.3  
12.1  
15.2  
17.9  
21.4  
24.3  
26.9  
29.0  
31.4  
33.6  
36.2  
38.3

Rit.<5>  
0.00  
4.40  
11.99

Vel.<5>  
0.86  
1.95  
3.25

Rif.<5>  
105.23  
51.14  
40.03

Rif.<d>  
108.32  
45.73  
40.65

Vel.<d>  
0.84  
2.27  
3.04

Rit.<d>  
0.00  
5.71  
10.67

Km/s Legenda

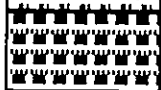
0.9



2.1



3.1



SONDAGGIO ...SR8

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DR F. SCO CANNAVO

\* Suoli alterati superficiali

\* Detrito con blocchi metamorfici

\* Substrato roccioso costituito da rocce metamorfiche

[A]

[Mt]

2.1

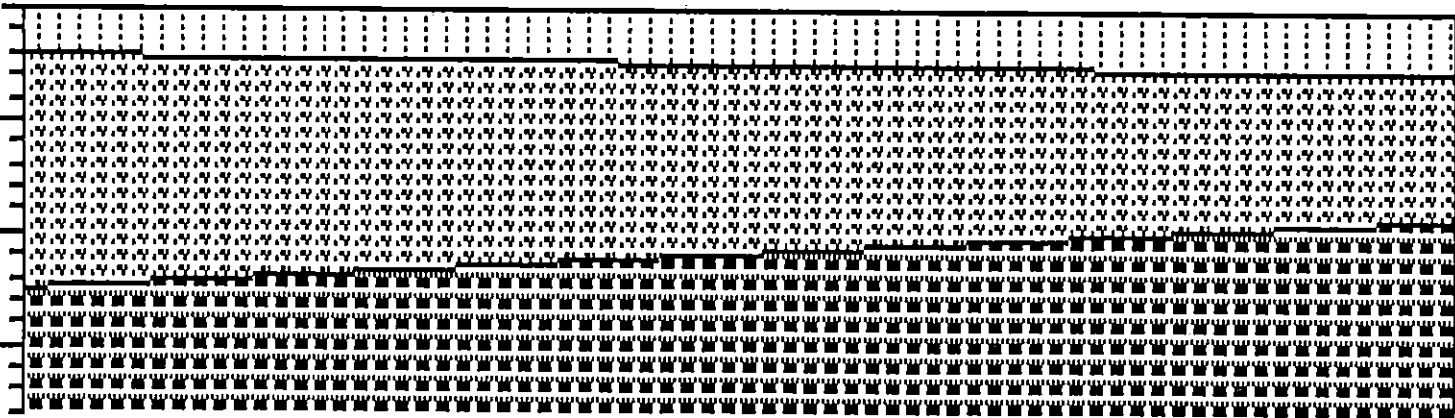
12.6

[R]

[Mt]

2.7

9.3



\*\*\* PRINCIPALI CARATTERISTICHE GEOTECNICHE \*\*\*

DR F.sco CANNAVO

strumentazione usata: DOLANG - Sanremo

sondaggio SR8

TRATO N' 1

long. Km/s = 0.90    Gamma t. t/m3 = 2.0/2.2    M.Young Kg/cm2 = 11000/ 1400

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
1.90	0.45	40000	4000	0.49
2.00	0.45	40000	4000	0.48
2.20	0.45	40000	4000	0.46
2.30	0.45	40000	4000	0.45

Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona Classe	Incrementi W>-10 W=-5 W=-2 W= 0	sismici / W>-10 W=-5 W=-2 W=	Coeff. di fondazion W>-10 W=-5 W=-2 W=
1.90	1.71	Z 2 C 6	1.04 1.41 1.89 2.04		1.00 1.02 1.09 1.12
2.00	1.80	Z 2 C 6	1.00 1.37 1.85 2.00		1.00 1.01 1.09 1.11
2.20	1.98	Z 2 C 6	0.93 1.30 1.78 1.93		1.00 1.00 1.08 1.10
2.30	2.07	Z 2 C 5	0.90 1.27 1.75 1.90		1.00 1.00 1.07 1.09

TRATO N' 2

long. Km/s = 2.10    Gamma t. t/m3 = 2.3/2.4    M.Young Kg/cm2 = 56000/ 6700

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
2.20	0.35	66000	22000	1.02
2.30	0.36	70000	22000	0.99
2.40	0.36	73000	22000	0.97
2.50	0.37	78000	22000	0.95

Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona Classe	Incrementi W>-10 W=-5 W=-2 W= 0	sismici / W>-10 W=-5 W=-2 W=	Coeff. di fondazion W>-10 W=-5 W=-2 W=
2.20	4.62	Z 1 C 4	0.31 0.31 0.31 0.31		1.00 1.00 1.00 1.00
2.30	4.83	Z 1 C 4	0.27 0.27 0.27 0.27		1.00 1.00 1.00 1.00
2.40	5.04	Z 1 C 4	0.24 0.24 0.24 0.24		1.00 1.00 1.00 1.00
2.50	5.25	Z 1 C 4	0.21 0.21 0.21 0.21		1.00 1.00 1.00 1.00

TRATO N' 3

long. Km/s = 3.10    Gamma t. t/m3 = 2.4/2.5    M.Young Kg/cm2 = 157000/ 19000

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
2.30	0.28	130000	67000	1.71
2.40	0.30	140000	66000	1.67
2.50	0.31	151000	65000	1.62
2.60	0.32	159000	65000	1.59

Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona Classe	Incrementi sismici /	Coeff. di fondazion
			W>-10 W=-5 W=-2 W= 0	W>-10 W=-5 W=-2 W=
2.30	7.13	Z 1 C 3	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00
2.40	7.44	Z 1 C 3	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00
2.50	7.75	Z 1 C 3	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00
2.60	8.06	Z 1 C 2	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00

PROFILO SISMICO: SR9

Localita' \_\_\_\_\_  
 Comune Mirto (Me) \_\_\_\_\_  
 Ditta Geol R. Profeta \_\_\_\_\_

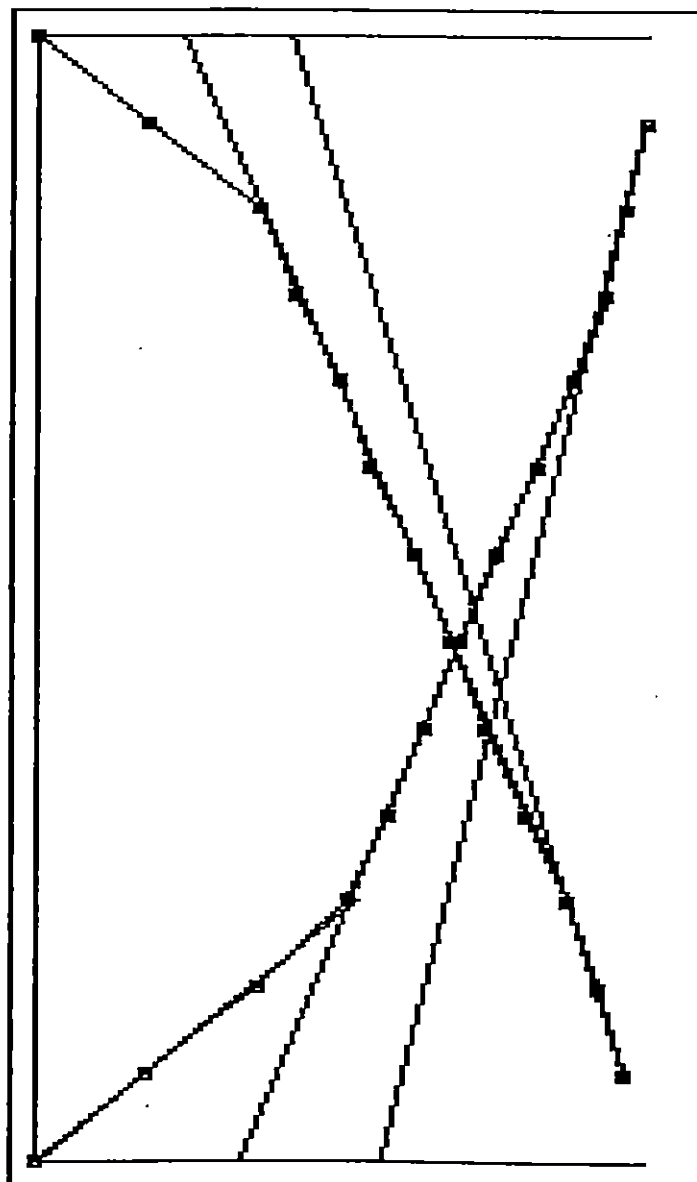
DR F.sco CANNAVO

lunghezza stendim. [metri] 84  
 numero di geofoni ..... 12  
 strumentazione: DOLANG Sanremo

Strato	Velocita'		Ritardi		Tempi finali	
1	0.71	0.74	-0.04	0.38	128.40	122.94
2	2.05	2.17	13.02	18.51	57.43	60.48
3	2.80	3.68	22.42	31.27	54.92	56.03

Strato	Spessore		Profondita'		Velocita'	Alfa
1	5.03	7.15	0.00	0.00	0.73	-1
2	12.64	17.12	5.03	7.15	2.11	-5
3	Inf.	Inf.	17.67	24.27	3.17	--

SR9
ANDATA
9.8
19.8
23.1
27.1
29.8
33.8
37.1
40.8
43.6
47.4
50.0
52.4



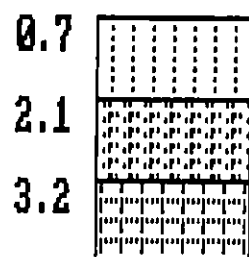
SR9
RITORNO
10.0
20.0
28.1
31.4
34.5
37.9
41.2
44.8
47.9
50.2
52.4
54.0

Rit.<5>	Vel.<5>	Rifp.<5>	Rifp.<d>	Vel.<d>	Rit.<d>
-0.04	0.71	128.40	122.94	0.74	0.38
13.02	2.05	57.43	60.48	2.17	18.51
22.42	2.80	54.92	56.03	3.68	31.27

SONDAGGIO ...SR9

DR F.sco CANNAVO

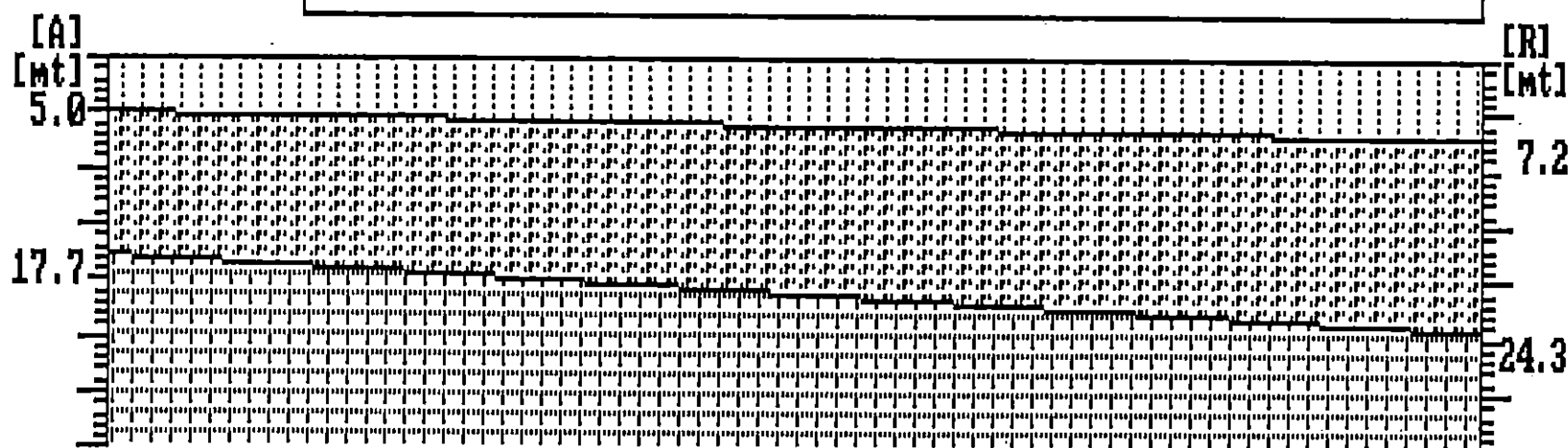
Kw/s Legenda



\* Suoli alterati superficiali.....

\* Detrito con blocchi metamorfici

\* Substrato roccioso costituito da rocce metamorfiche



\*\*\* PRINCIPALI CARATTERISTICHE GEOTECNICHE \*\*\*

DR F.sco CANNAVO  
strumentazione usata: DOLANG - Sanremo

sondaggio SR9

STRATO N' 1

V.long. Km/s = 0.70    Gamma t. t/m3 = 2.0/2.2    M.Young Kg/cm2 = 9000/ 1100

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
1.90	0.45	34000	3000	0.43
2.00	0.45	34000	3000	0.42
2.20	0.45	34000	3000	0.40
2.30	0.45	34000	3000	0.39

Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona Classe	Incrementi sismici /	Coeff. di fondazion
			W>-10 W=-5 W=-2 W= 0	W>-10 W=-5 W=-2 W=
1.90	1.33	Z 2 C 6	1.23 1.59 2.08 2.23	1.00 1.05 1.12 1.15
2.00	1.40	Z 2 C 6	1.19 1.56 2.04 2.19	1.00 1.04 1.12 1.14
2.20	1.54	Z 2 C 6	1.12 1.49 1.97 2.12	1.00 1.03 1.11 1.13
2.30	1.61	Z 2 C 6	1.09 1.45 1.94 2.09	1.00 1.03 1.10 1.12

STRATO N' 2

V.long. Km/s = 2.10    Gamma t. t/m3 = 2.3/2.4    M.Young Kg/cm2 = 56000/ 6700

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
2.20	0.35	66000	22000	1.02
2.30	0.36	70000	22000	0.99
2.40	0.36	73000	22000	0.97
2.50	0.37	78000	22000	0.95

Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona Classe	Incrementi sismici /	Coeff. di fondazion
			W>-10 W=-5 W=-2 W= 0	W>-10 W=-5 W=-2 W=
2.20	4.62	Z 1 C 4	0.31 0.31 0.31 0.31	1.00 1.00 1.00 1.00
2.30	4.83	Z 1 C 4	0.27 0.27 0.27 0.27	1.00 1.00 1.00 1.00
2.40	5.04	Z 1 C 4	0.24 0.24 0.24 0.24	1.00 1.00 1.00 1.00
2.50	5.25	Z 1 C 4	0.21 0.21 0.21 0.21	1.00 1.00 1.00 1.00

STRATO N' 3

v.long. Km/s = 3.20    Gamma t. t/m3 = 2.4/2.5    M.Young Kg/cm2 = 169000/ 20500

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
2.30	0.27	135000	73000	1.79
2.40	0.29	148000	72000	1.74
2.50	0.31	159000	71000	1.69
2.60	0.32	168000	71000	1.65

Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona Classe	Incrementi sismici /	Coeff. di fondazion
			W>-10 W=-5 W=-2 W= 0	W>-10 W=-5 W=-2 W=
2.30	7.36	Z 1 C 3	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00
2.40	7.68	Z 1 C 3	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00
2.50	8.00	Z 1 C 3	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00
2.60	8.32	Z 1 C 2	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00

PROFILO SISMICO: SR10

DR F.sco CANNAVO

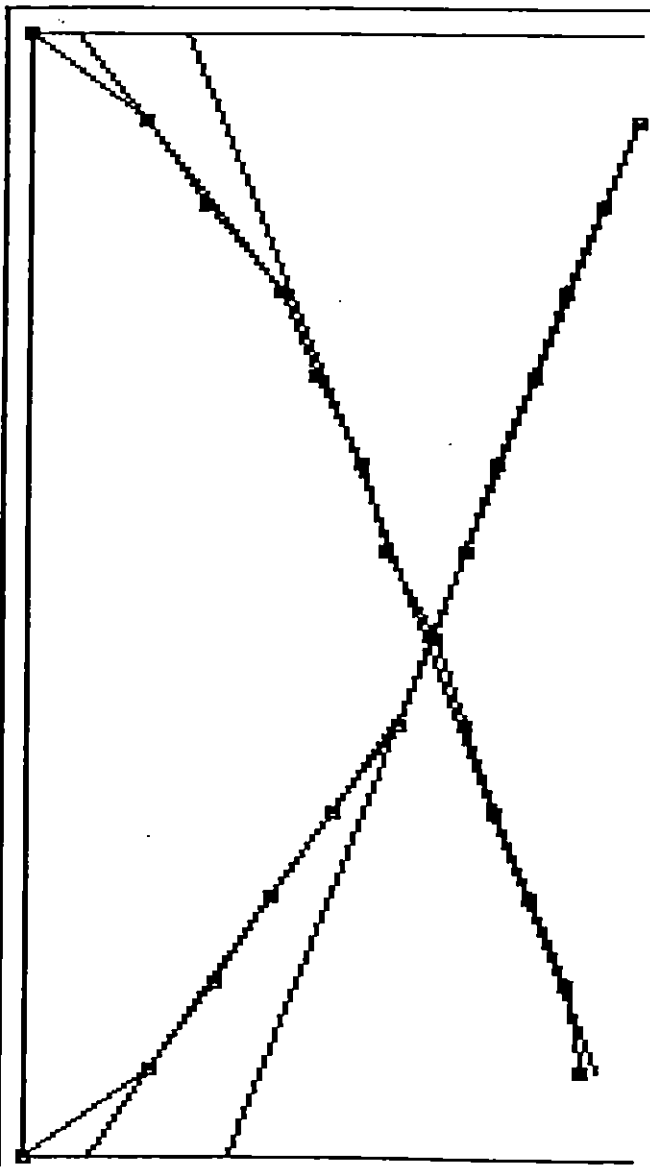
Localita' \_\_\_\_\_  
 Comune Mirto (Me) \_\_\_\_\_  
 Ditta Geol R. Profeta

lunghezza stendim. [metri] 84  
 numero di geofoni ..... 12  
 strumentazione: DOLANG Sanremo

Strato	Velocita'		Ritardi		Tempi finali	
1	0.95	0.86	-0.00	0.00	95.95	105.23
2	1.59	1.79	2.86	4.24	60.12	55.00
3	3.16	3.30	10.03	13.23	38.82	40.83

Strato	Spessore		Profondita'		Velocita'	Alfa
1	1.54	2.28	0.00	0.00	0.91	-2
2	6.69	8.30	1.54	2.28	1.68	2
3	Inf.	Inf.	8.23	10.58	3.22	--

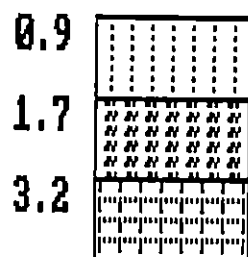
SRID
ANDATA
7.4
11.4
16.2
18.6
21.4
23.1
26.2
28.1
30.2
32.4
34.5
35.7



SRID
RITORNO
8.1
12.1
16.0
19.8
23.8
26.2
28.1
30.0
32.4
34.3
36.7
38.0

Rit.<s>	Vel.<s>	Rifp.<s>	Rifp.<d>	Vel.<d>	Rit.<d>
-0.00	0.95	95.95	105.23	0.86	0.00
2.86	1.59	60.12	55.00	1.79	4.24
10.03	3.16	38.82	40.83	3.30	13.23

Km/s Legenda



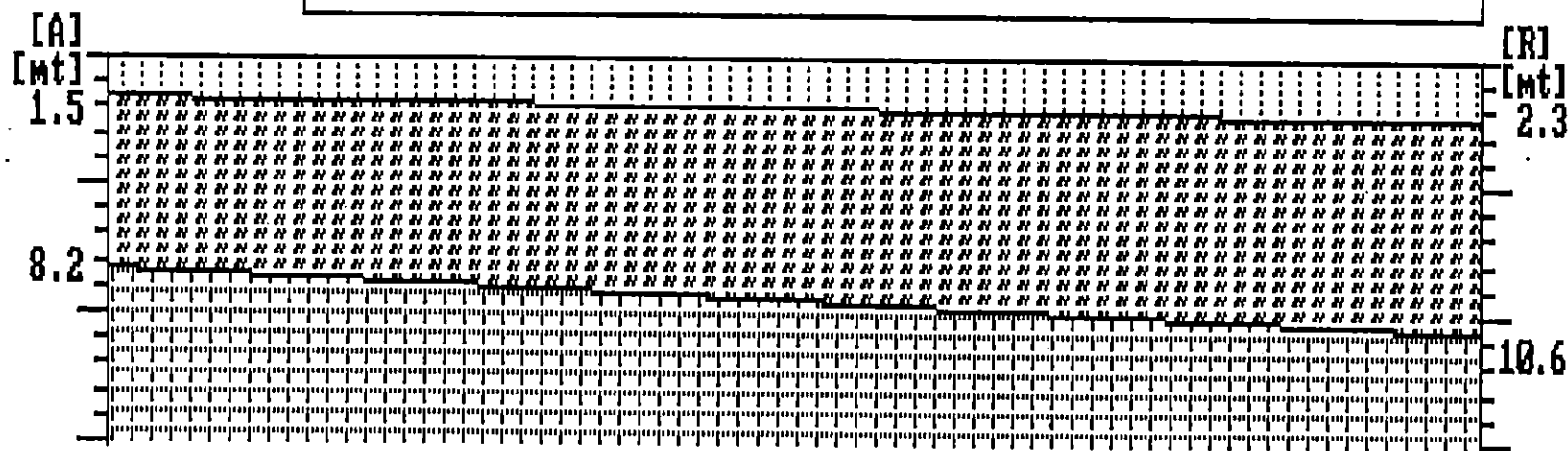
SONDAGGIO ...SRIO -----

DR F.sco CANNAVO

\* Suoli alterati superficiali

\* Detrito con blocchi

\* Substrato roccioso costituito da rocce metamorfiche



\*\*\* PRINCIPALI CARATTERISTICHE GEOTECNICHE \*\*\*

DR F.sco CANNAVO

strumentazione usata: DOLANG - Sanremo

sondaggio SR10

TRATO N' 1

long. Km/s = 0.90    Gamma t. t/m3 = 2.0/2.2    M.Young Kg/cm2 = 11000/ 1400

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
1.90	0.45	40000	4000	0.49
2.00	0.45	40000	4000	0.48
2.20	0.45	40000	4000	0.46
2.30	0.45	40000	4000	0.45

Zonazione sismica

Rigidita' di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona Classe	Incrementi sismici /	Coeff. di fondazion
			W>-10 W=-5 W=-2 W= 0	W>-10 W=-5 W=-2 W=
1.90	1.71	Z 2 C 6	1.04 1.41 1.89 2.04	1.00 1.02 1.09 1.12
2.00	1.80	Z 2 C 6	1.00 1.37 1.85 2.00	1.00 1.01 1.09 1.11
2.20	1.98	Z 2 C 6	0.93 1.30 1.78 1.93	1.00 1.00 1.08 1.10
2.30	2.07	Z 2 C 5	0.90 1.27 1.75 1.90	1.00 1.00 1.07 1.09

TRATO N' 2

long. Km/s = 1.70    Gamma t. t/m3 = 2.2/2.4    M.Young Kg/cm2 = 30000/ 3600

Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
2.10	0.38	44000	12000	0.76
2.20	0.38	45000	11000	0.74
2.40	0.40	52000	11000	0.70
2.50	0.40	55000	11000	0.69

Zonazione sismica

Rigidita' di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona Classe	Incrementi sismici /	Coeff. di fondazion
			W>-10 W=-5 W=-2 W= 0	W>-10 W=-5 W=-2 W=
2.10	3.57	Z 2 C 5	0.50 0.87 1.35 1.50	1.00 1.00 1.01 1.03
2.20	3.74	Z 2 C 5	0.46 0.83 1.31 1.46	1.00 1.00 1.00 1.03
2.40	4.08	Z 1 C 4	0.40 0.40 0.40 0.40	1.00 1.00 1.00 1.00
2.50	4.25	Z 1 C 4	0.37 0.37 0.37 0.37	1.00 1.00 1.00 1.00

TRATO N' 3

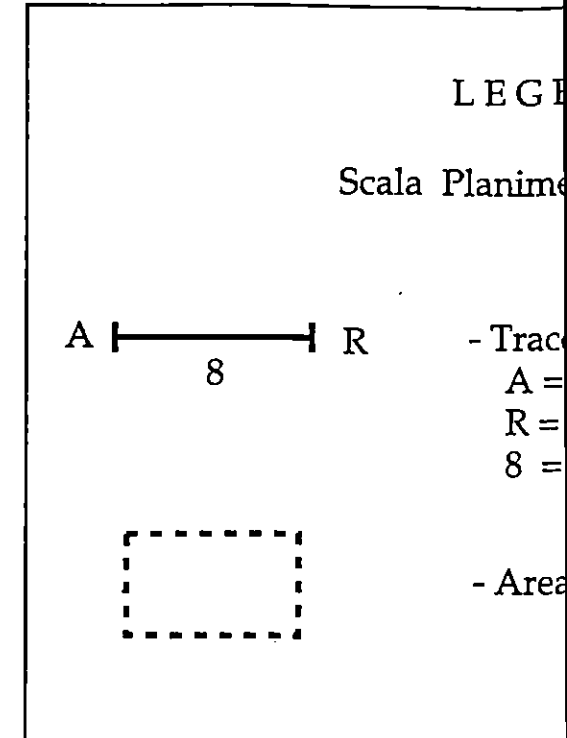
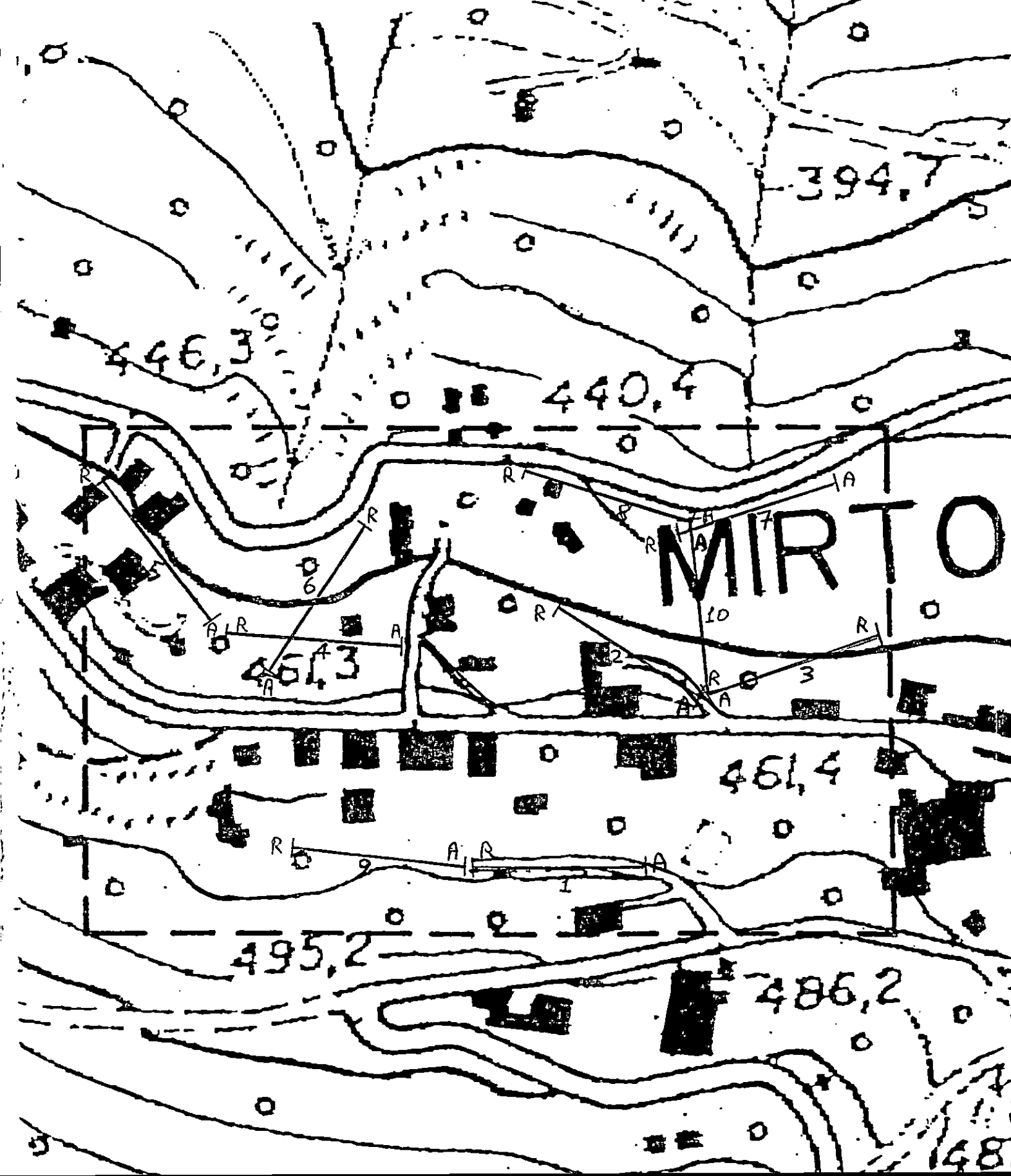
long. Km/s = 3.20    Gamma t. t/m3 = 2.4/2.5    M.Young Kg/cm2 = 169000/ 20500


Gamma t t/m3	Mod.Poisson	Mod.Bulk Kg/cm2	Mod.Rigidita' Kg/cm2	V.trasvers. Km/s
2.30	0.27	135000	73000	1.79
2.40	0.29	148000	72000	1.74
2.50	0.31	159000	71000	1.69
2.60	0.32	168000	71000	1.65


Zonazione sismica

Rigidita'di riferimento = 7

Gamma t. t/m3	Rigidita'	Zona	Classe	Incrementi W>-10 W=-5 W=-2 W= 0	sismici / W>-10 W=-5 W=-2 W=	Coeff. di fondazion
2.30	7.36	Z 1	C 3	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00	1.00 1.00 1.00 1.00
2.40	7.68	Z 1	C 3	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00	1.00 1.00 1.00 1.00
2.50	8.00	Z 1	C 3	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00	1.00 1.00 1.00 1.00
2.60	8.32	Z 1	C 2	0.00 0.00 0.00 0.00	1.00 1.00 1.00 1.00	1.00 1.00 1.00 1.00



  
**REGIONE SICILIANA**  
**Assessorato del Territorio e dell'Ambiente**  
IL PRESENTE DOCUMENTO COSTITUISCE ALLEGATO  
AL D.D.N. del 02.02.08  
IL DIRIGENTE DELL'U.O. 7.1  
(Dott.ssa Roberta Giordano)

  
**REGIONE SICILIANA**  
**Assessorato del Territorio e dell'Ambiente**  
**Consiglio Regionale**  
VISTO: CON RIFERIMENTO AL PROPRIO VOTO  
S/L del 02.02.08  
IL SEGRETARIO  
(Dott. Giuseppe Palermo)