



**PROTEZIONE CIVILE**  
 Presidenza del Consiglio dei Ministri  
 Dipartimento della Protezione Civile



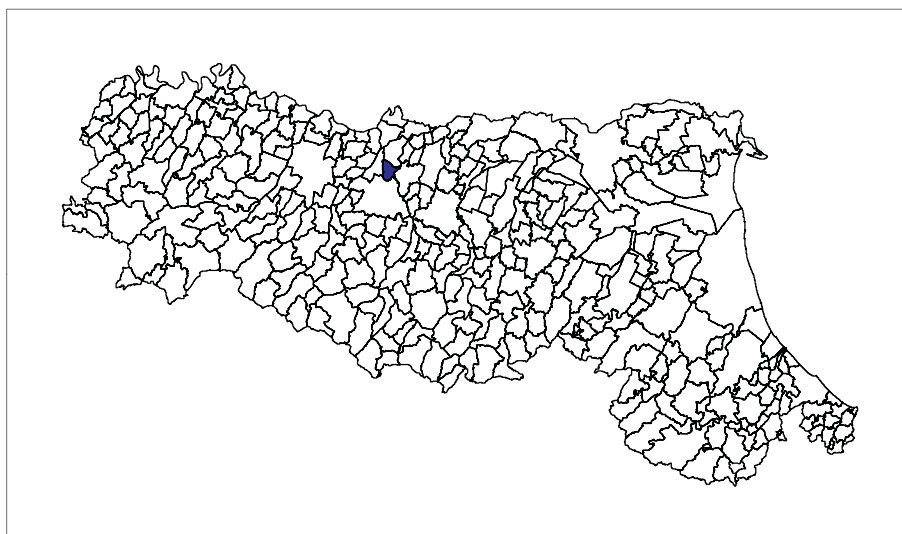
CONFERENZA DELLE REGIONI E  
 DELLE PROVINCE AUTONOME

Attuazione dell'articolo 11 della legge 24 giugno 2009, n.77

# MICROZONAZIONE SISMICA

## Indagini geognostiche e geofisiche Indagini di nuova esecuzione

### Regione Emilia-Romagna Comune di Bagnolo in Piano



<b>Regione</b> Emilia Romagna  <i>Studio realizzato con il contributo di cui all'OPCM 4007/2012.</i> <i>Coordinamento della Regione Emilia-Romagna – Servizio Geologico Luca Martelli</i>	<b>Soggetto realizzatore</b> Studio Geologico CENTROGEO <b>Progetto:</b> Gian Pietro Mazzetti <b>Collaboratori:</b> Stefano Gilli, Andrea Arbizzi, Mauro Mazzetti <b>Elaborazioni GIS:</b> Studio Benaglia Professionisti Associati Corrado Ugoletti	<b>Amministrazione comunale</b> <i>Sindaco:</i> Paola Casali <i>Direttore</i> Area Tecnica: Cristina Scaravonati	
		<b>Data</b> Agosto 2013	

# INDAGINI DI NUOVA ESECUZIONE

***STUDIO GEOLOGICO CENTROGEO***

*42015 Correggio (RE) - Piazza S. Quirino, 6 - tel 0522/641001 - Fax: 632162*

# STENDIMENTI SISMICI

## Re.Mi.

***STUDIO GEOLOGICO CENTROGEO***

*42015 Correggio (RE) - Piazza S. Quirino, 6 - tel 0522/641001 - Fax: 632162*

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

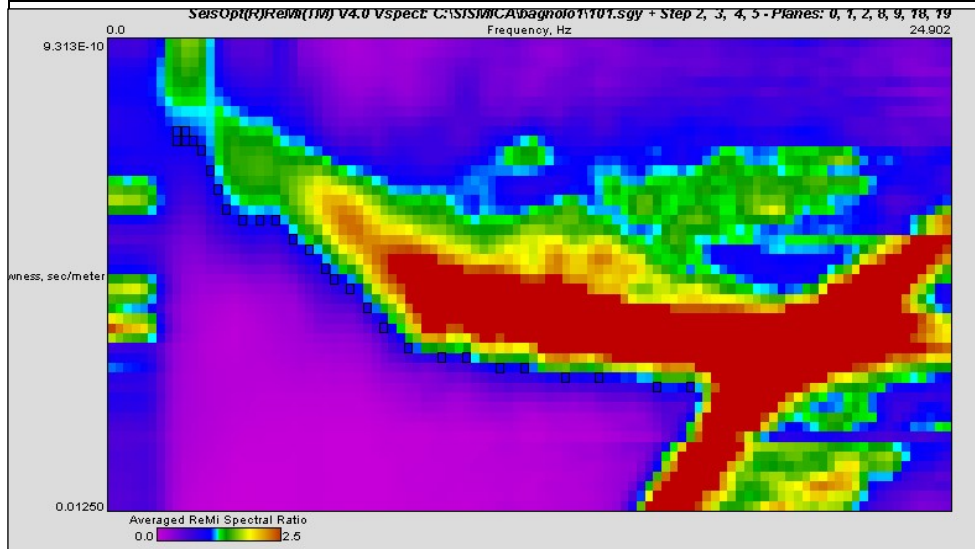
DATA: 08-09-2008

CANTIERE: PSC 2008

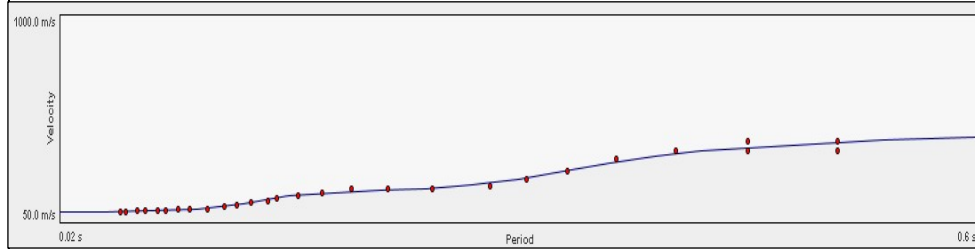
QUOTA: - m slm

OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**



**Curva di dispersione**

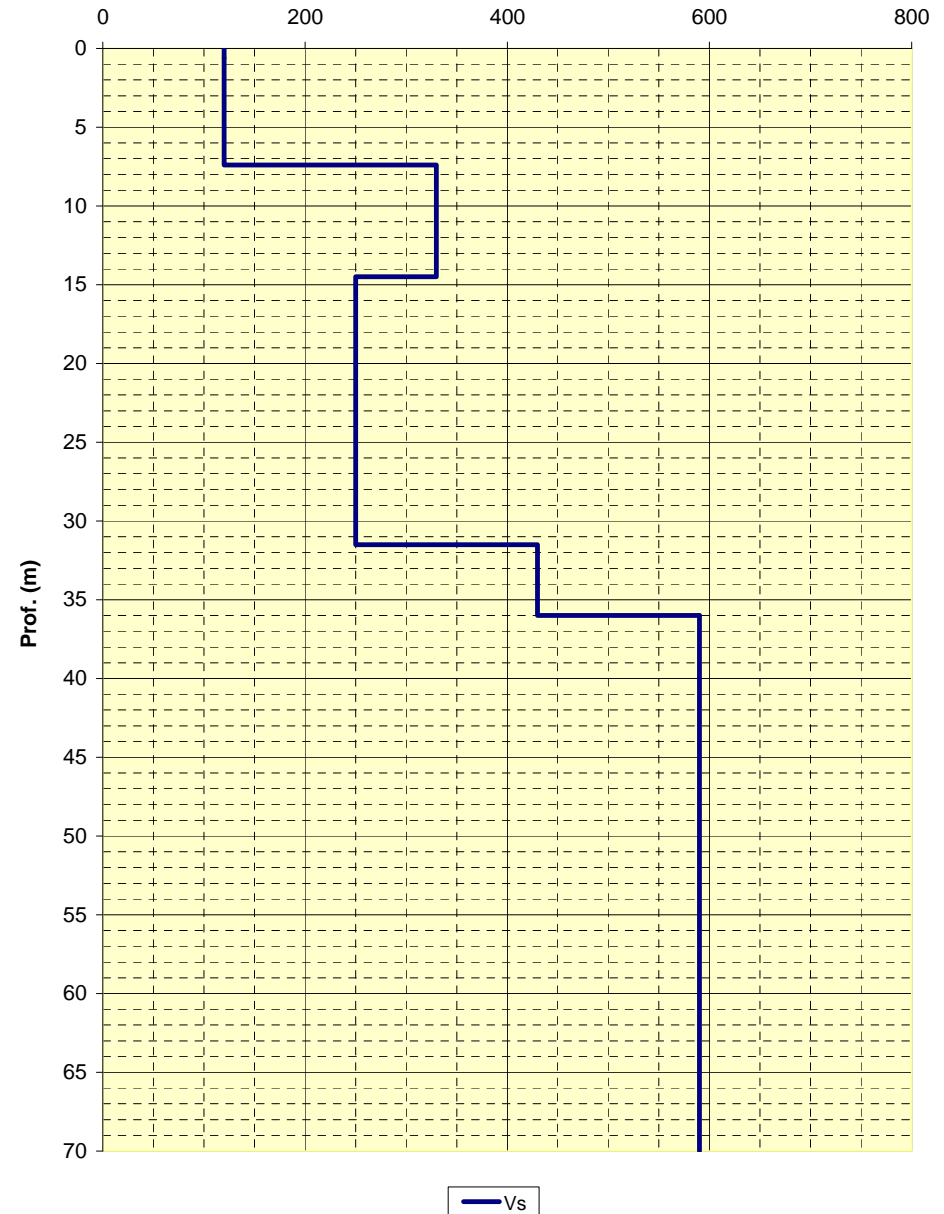


Note:

**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	7.4	120
2	7.4	14.5	330
3	14.5	31.5	250
4	31.5	36	430
5	36	INF	590
6			
7			
8			
9			
10			

**Modello interpretativo  
profilo Vs (m/s)**



LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

DATA: 08-09-2008

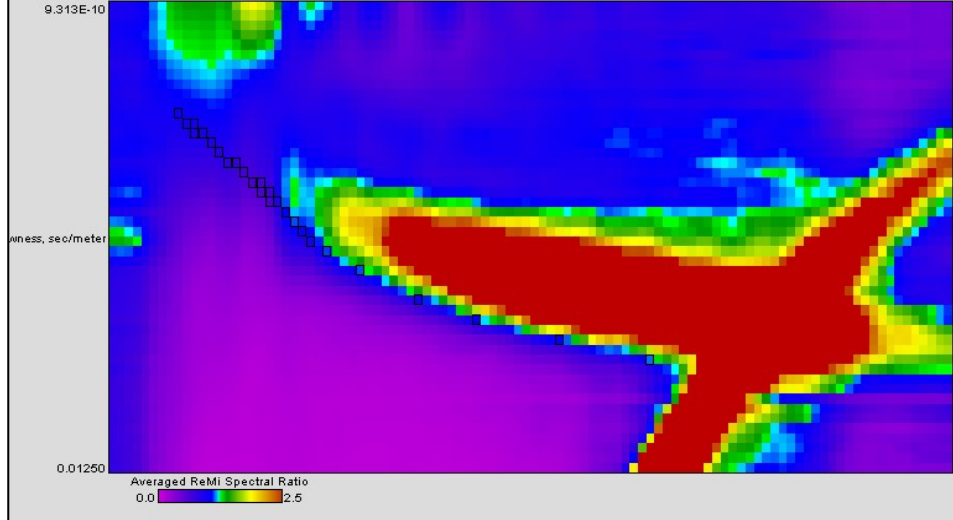
CANTIERE: PSC 2008

QUOTA: - m slm

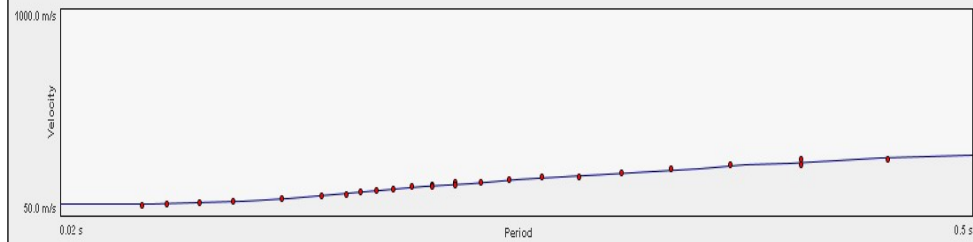
OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**

VR(11W) V4.0 Vspect C:\SIS\MI\CA\bagnolo2\101.sgy + Step 2, 3, 4, 5 - Planes: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19  
Frequency, Hz 24.902



**Curva di dispersione**

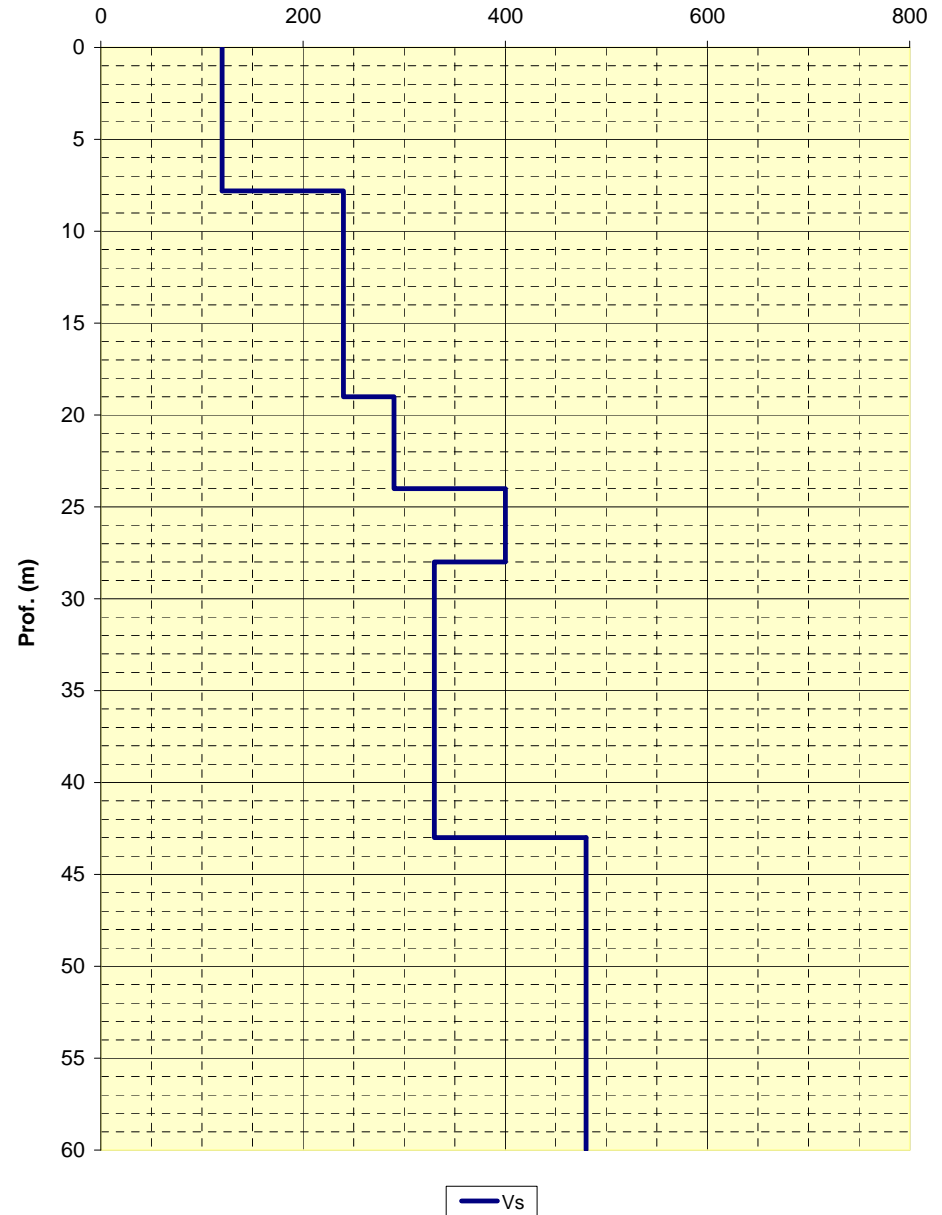


Note:

**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	7.8	120
2	7.8	19	240
3	19	24	290
4	24	28	400
5	28	43	330
6	43	INF	480
7			
8			
9			
10			

**Modello interpretativo  
profilo Vs (m/s)**



LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

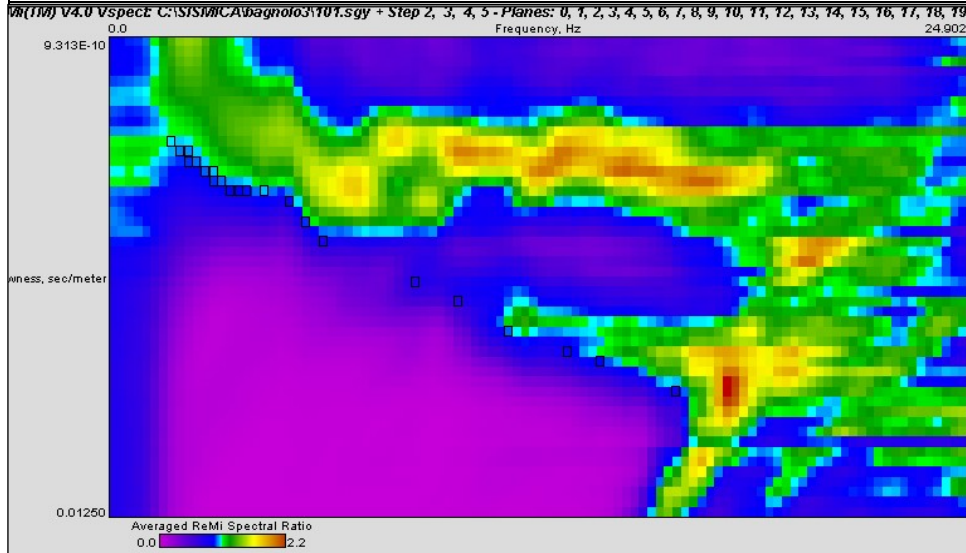
DATA: 08-09-2008

CANTIERE: PSC 2008

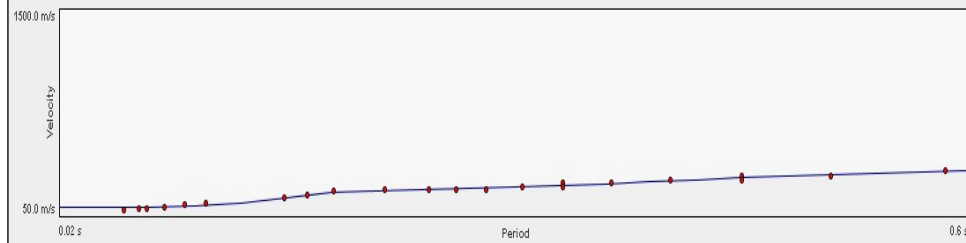
QUOTA: - m slm

OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**



**Curva di dispersione**

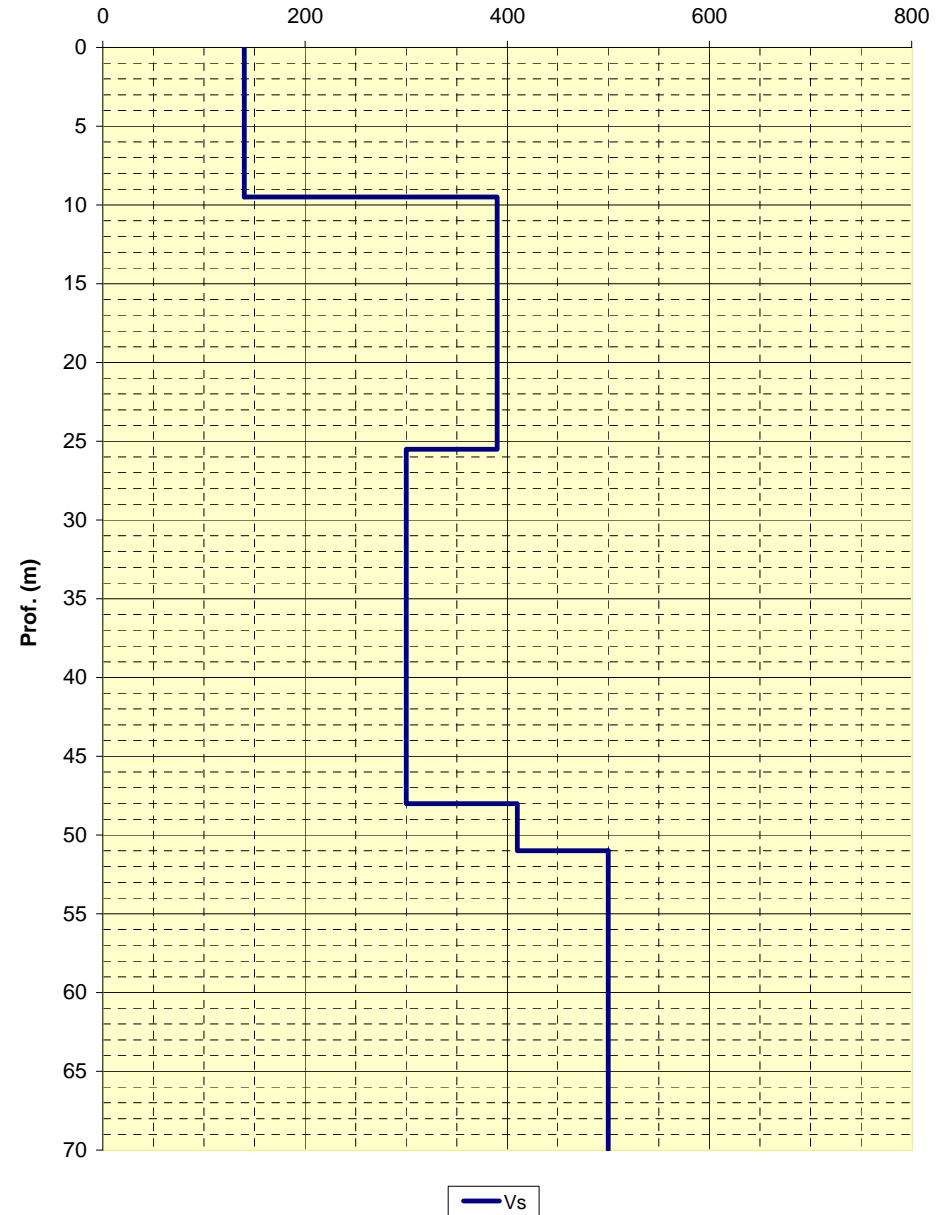


Note:

**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	9.5	140
2	9.5	25.5	390
3	25.5	48	300
4	48	51	410
5	51	INF	500
6			
7			
8			
9			
10			

**Modello interpretativo  
profilo Vs (m/s)**



LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

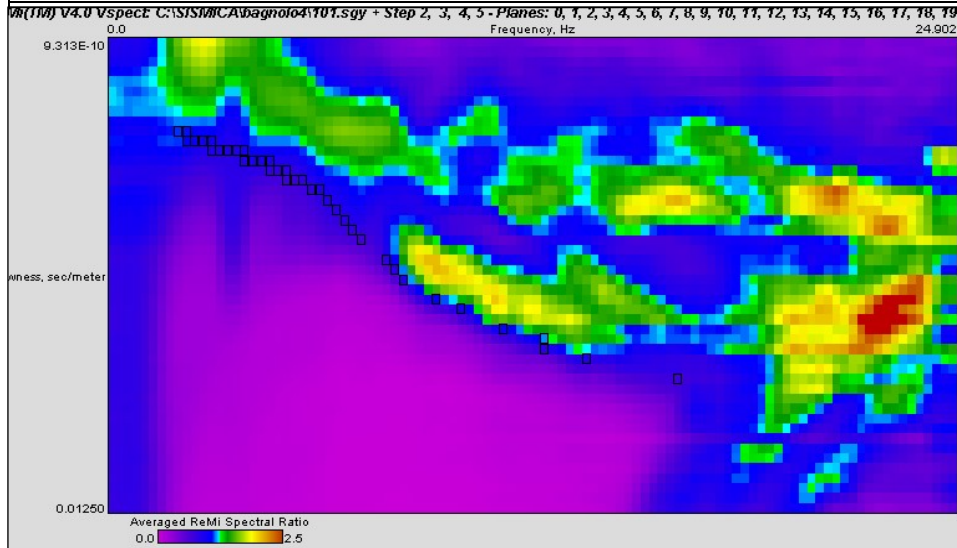
DATA: 08-09-2008

CANTIERE: PSC 2008

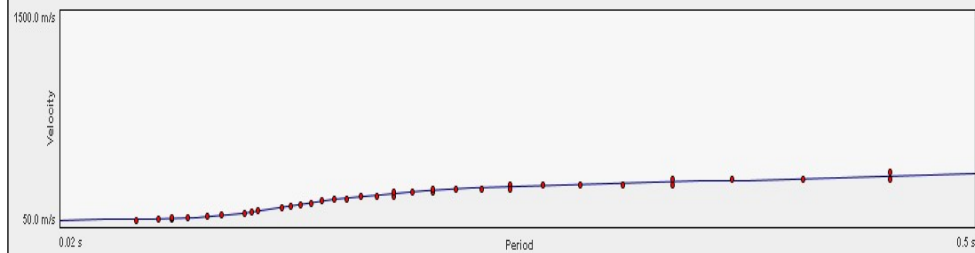
QUOTA: - m slm

OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**



**Curva di dispersione**

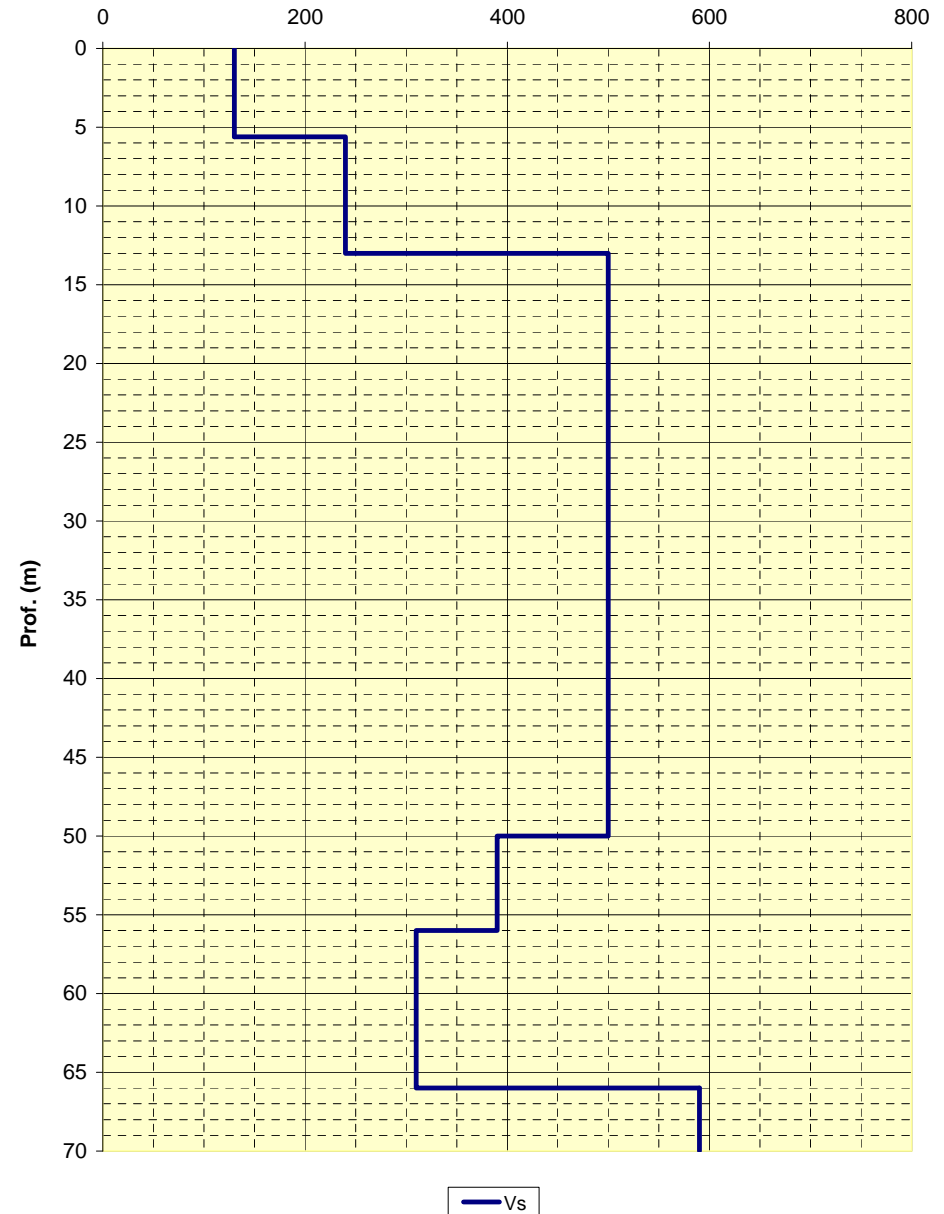


Note:

**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	5.6	130
2	5.6	13	240
3	13	50	500
4	50	56	390
5	56	66	310
6	66	INF	590
7			
8			
9			
10			

**Modello interpretativo  
profilo Vs (m/s)**



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 Correggio (RE)

**INDAGINE Re.Mi. 05**

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

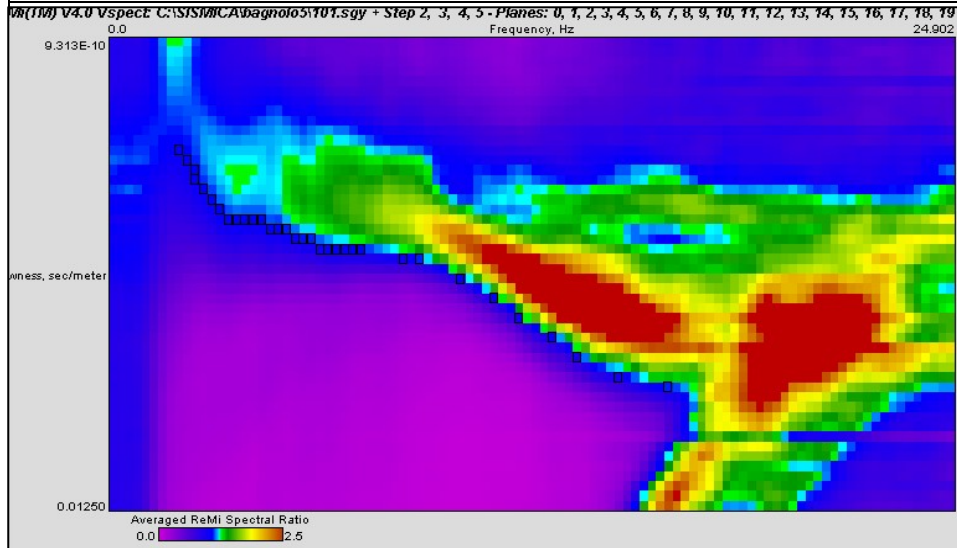
DATA: 08-09-2008

CANTIERE: PSC 2008

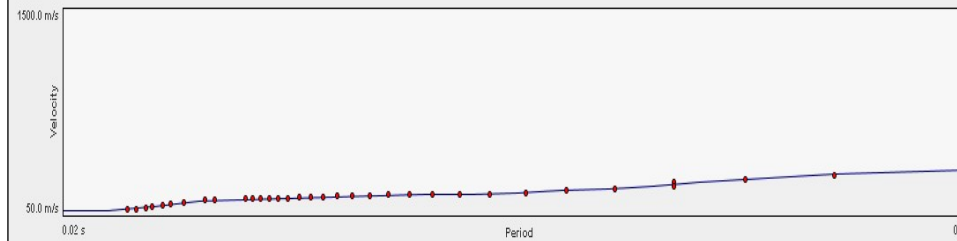
QUOTA: - m slm

OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**



**Curva di dispersione**

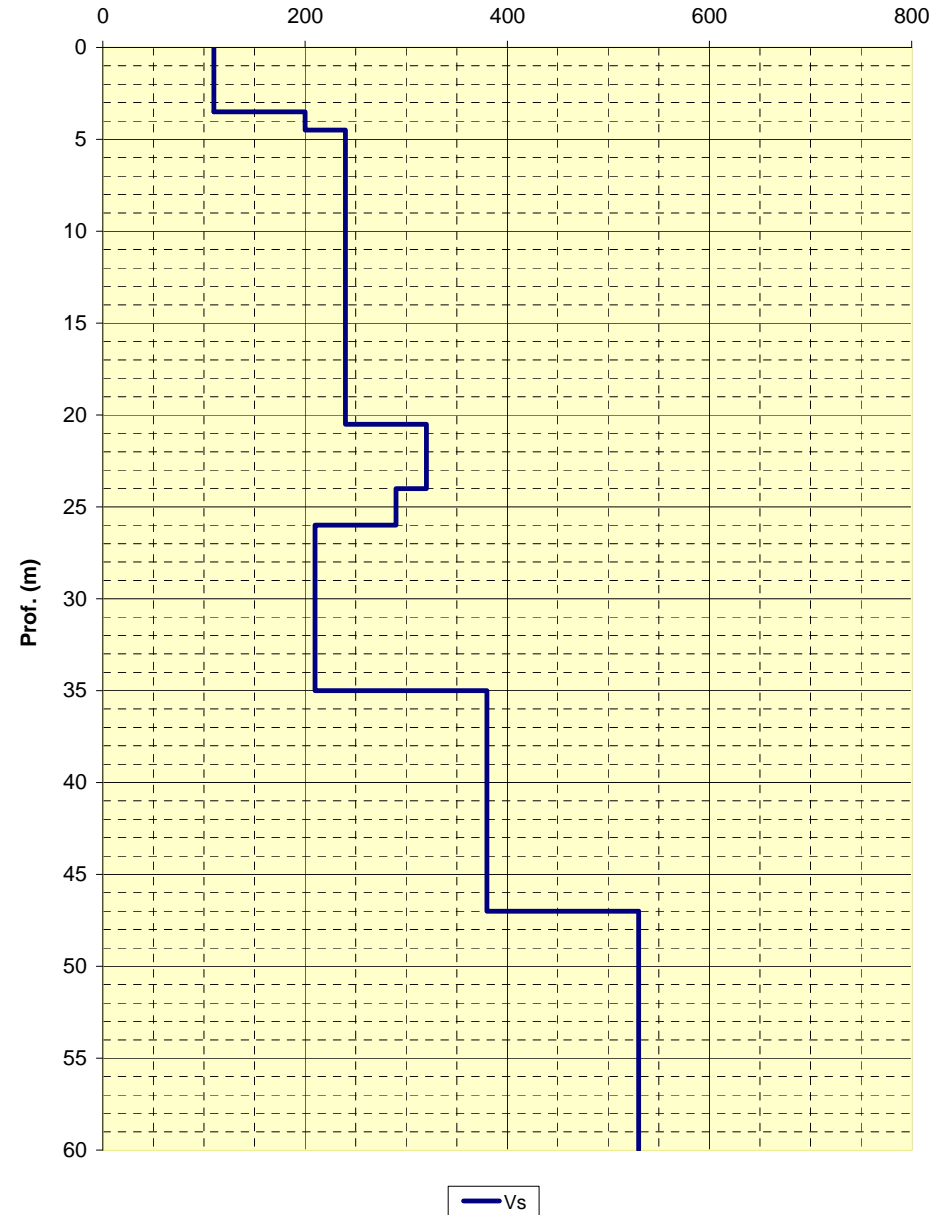


**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	3.5	110
2	3.5	4.5	200
3	4.5	20.5	240
4	20.5	24	320
5	24	26	290
6	26	35	210
7	35	47	380
8	47	INF	530
9			
10			

Note:

**Modello interpretativo  
profilo Vs (m/s)**





**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 Correggio (RE)

**INDAGINE Re.Mi. 06**

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

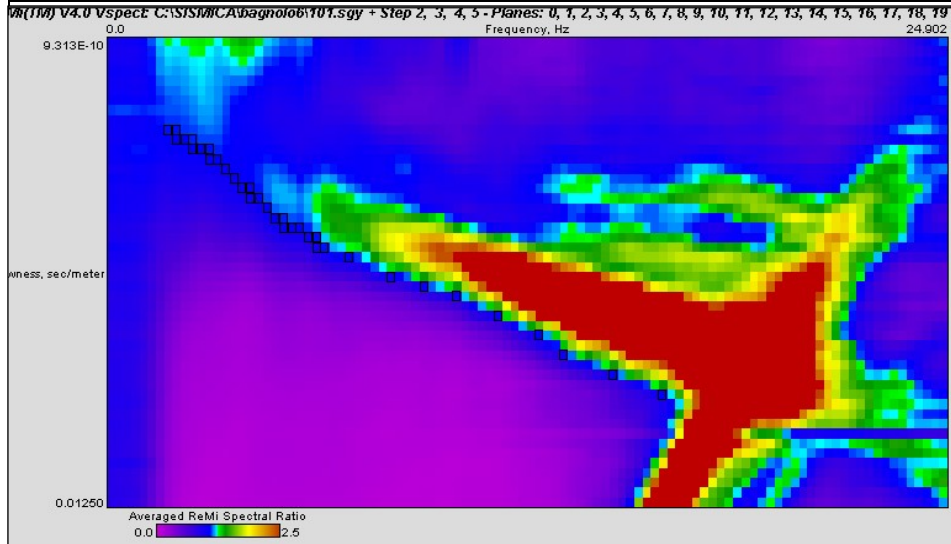
DATA: 08-09-2008

CANTIERE: PSC 2008

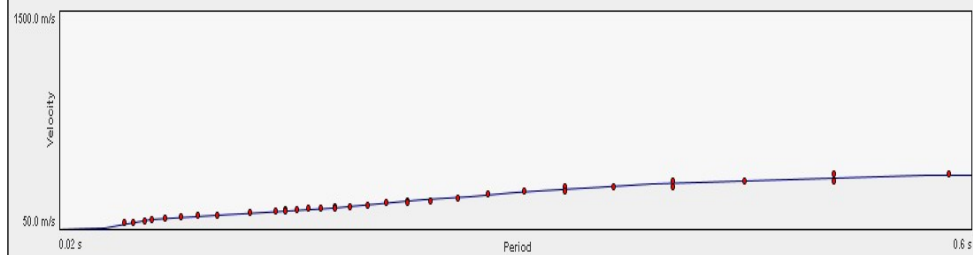
QUOTA: - m slm

OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**



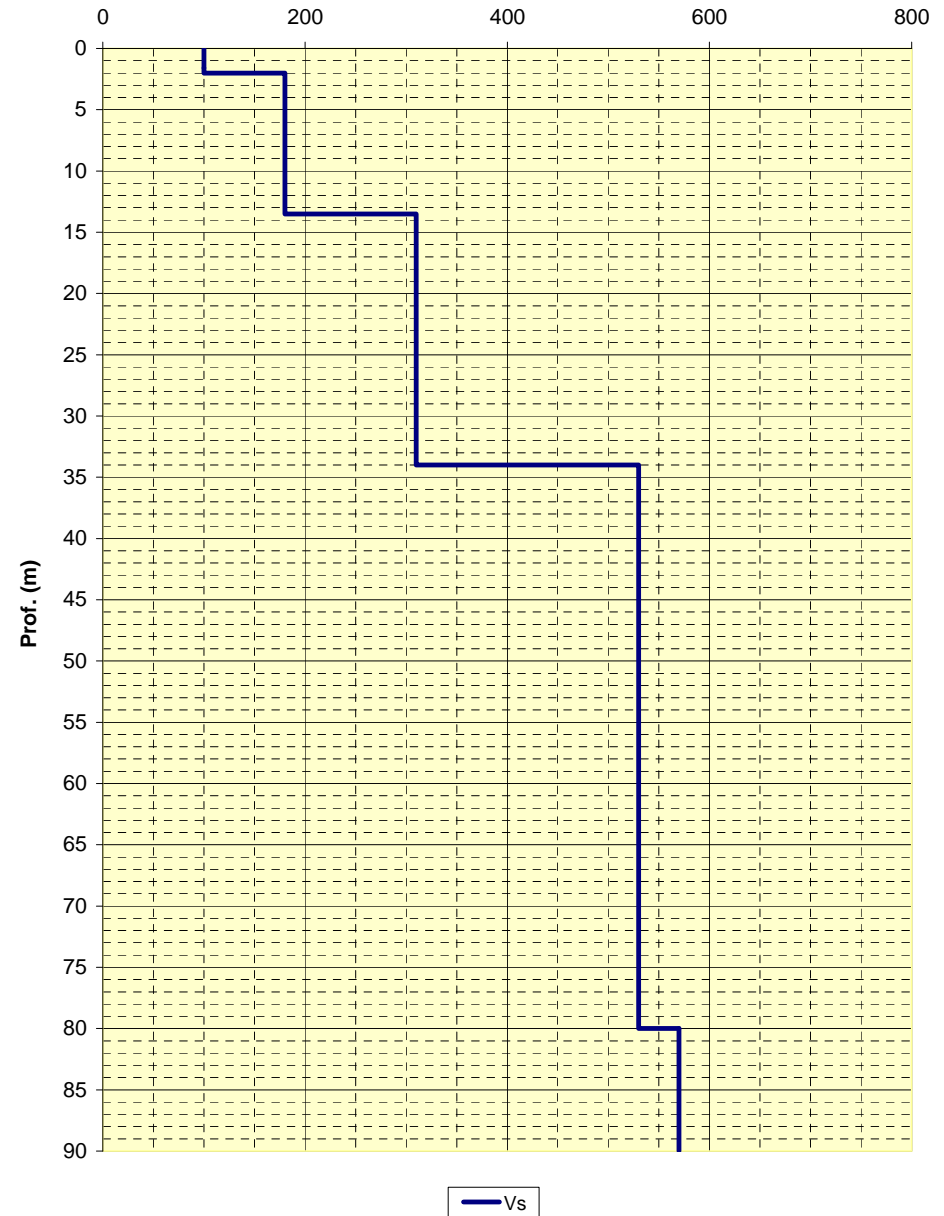
**Curva di dispersione**



Note:

Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	2	2	100
2	2	13.5	11.5	180
3	13.5	34	20.5	310
4	34	80	46	530
5	80	INF	INF	570
6				
7				
8				
9				
10				

**Modello interpretativo  
profilo Vs (m/s)**



LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

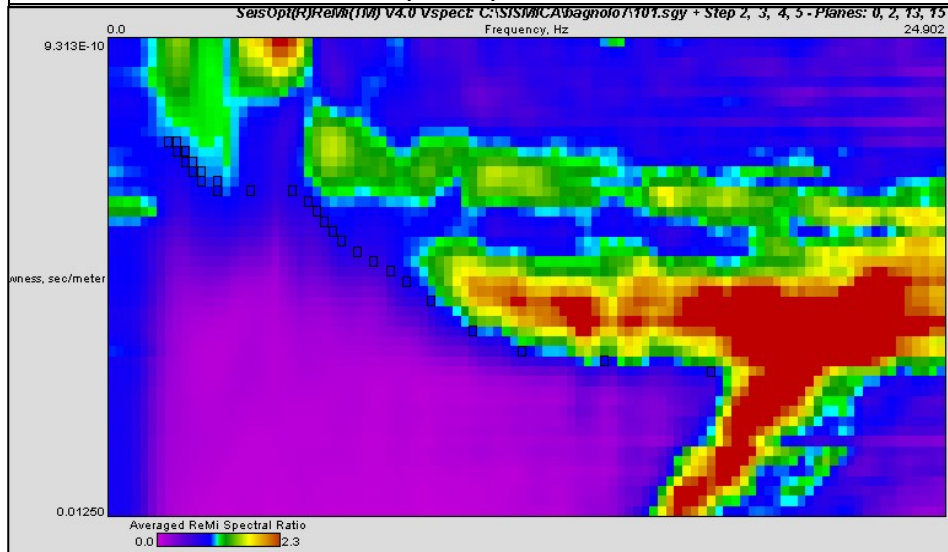
DATA: 08-09-2008

CANTIERE: PSC 2008

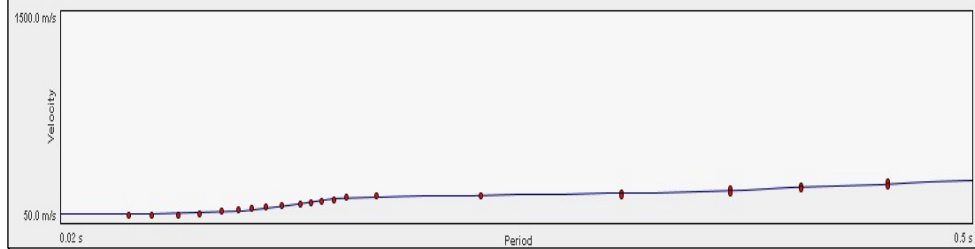
QUOTA: - m slm

OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**



**Curva di dispersione**

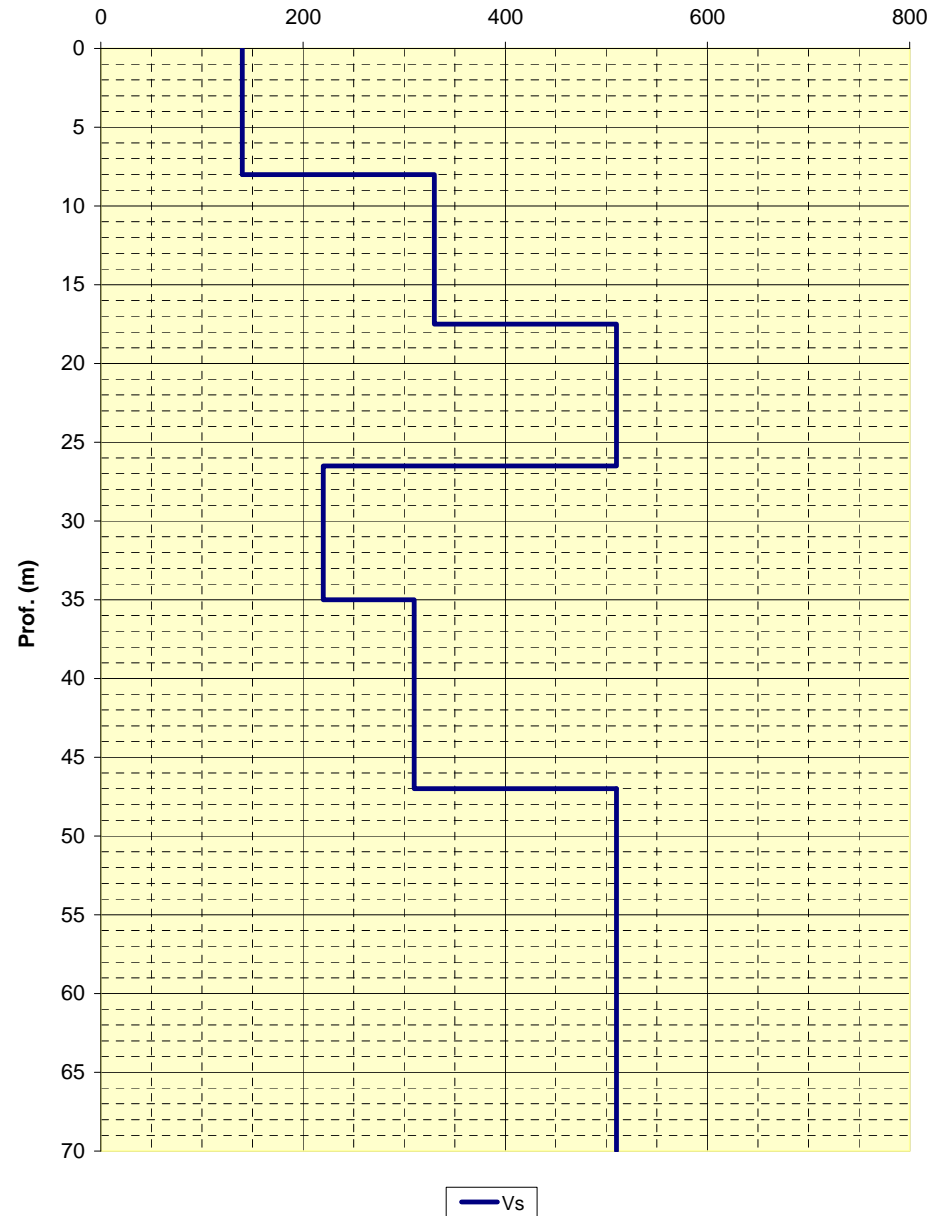


Note:

**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	8	140
2	8	17.5	330
3	17.5	26.5	510
4	26.5	35	220
5	35	47	310
6	47	INF	520
7			
8			
9			
10			

**Modello interpretativo  
profilo Vs (m/s)**



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 Correggio (RE)

**INDAGINE Re.Mi. 08**

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

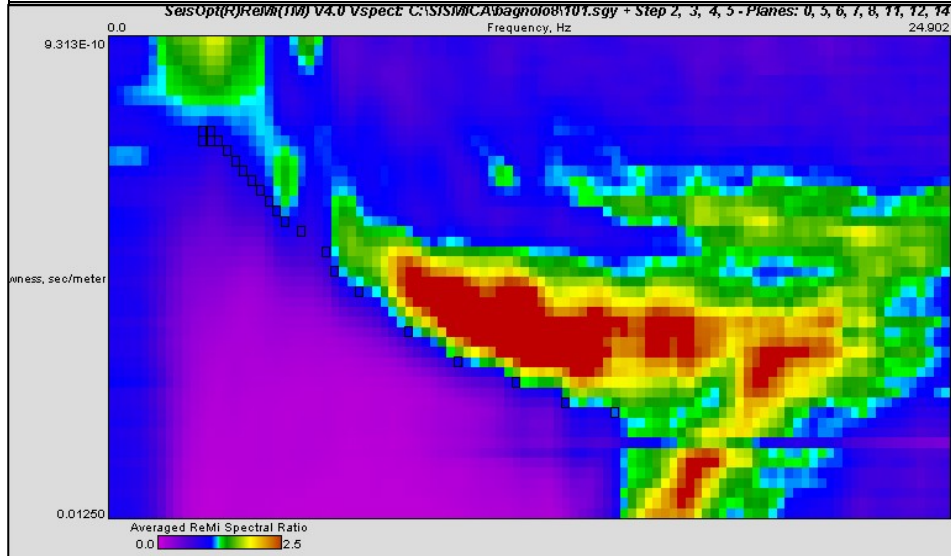
DATA: 08-09-2008

CANTIERE: PSC 2008

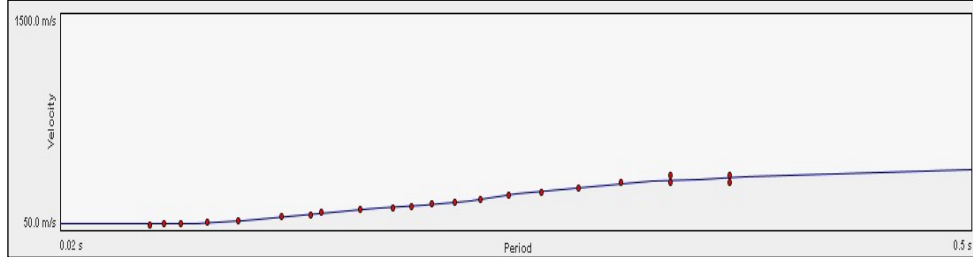
QUOTA: - m slm

OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**



**Curva di dispersione**

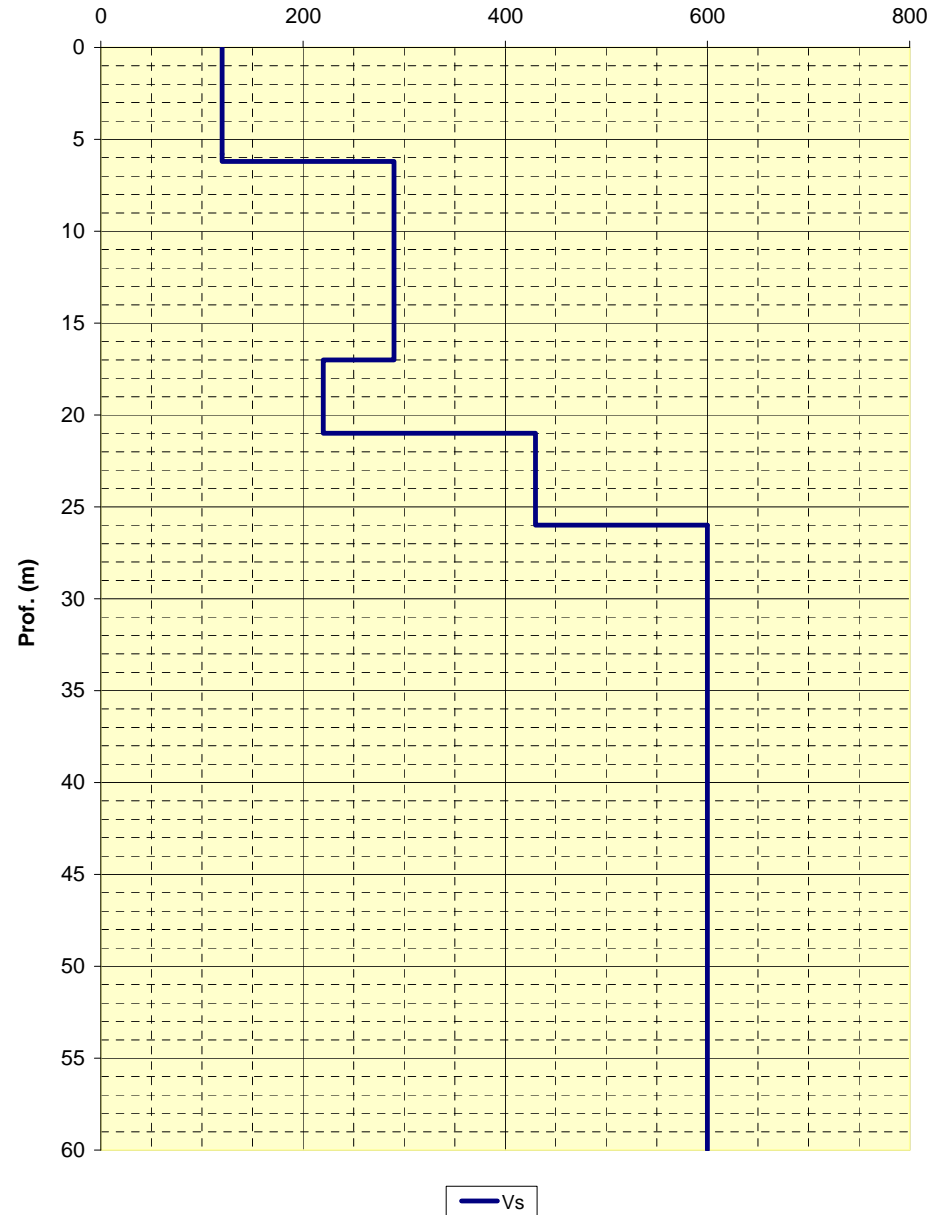


Note:

**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	6.2	120
2	6.2	17	290
3	17	21	220
4	21	26	430
5	26	INF	600
6			
7			
8			
9			
10			

**Modello interpretativo  
profilo Vs (m/s)**



LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

DATA: 08-09-2008

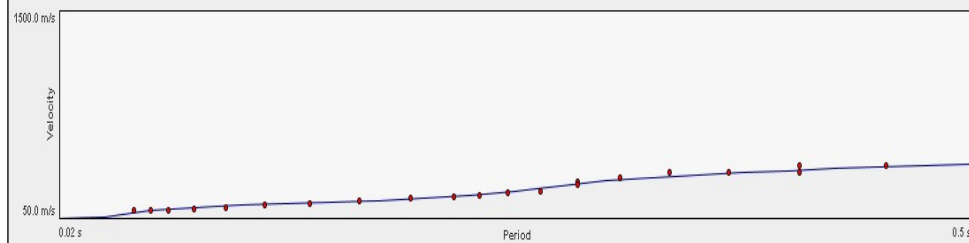
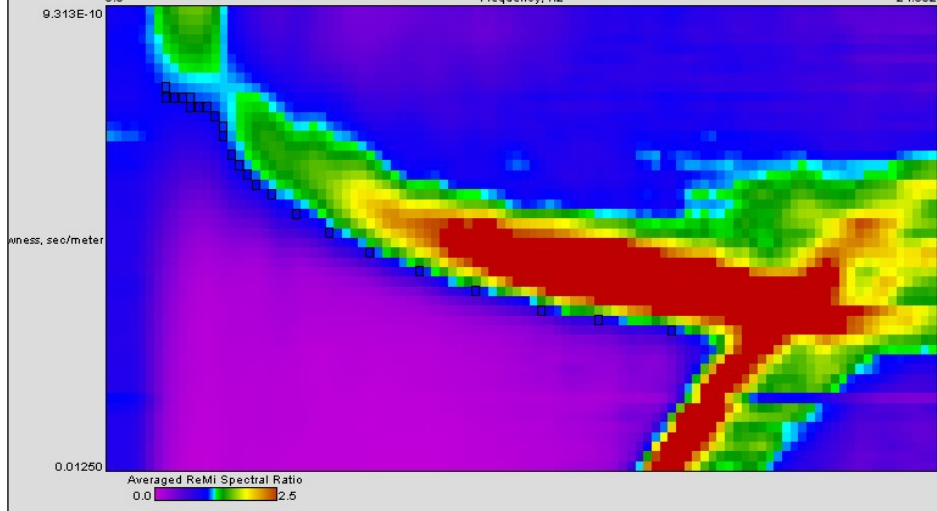
CANTIERE: PSC 2008

QUOTA: - m slm

OPERATORI: Dr. Arbizzi - Mazzetti M.

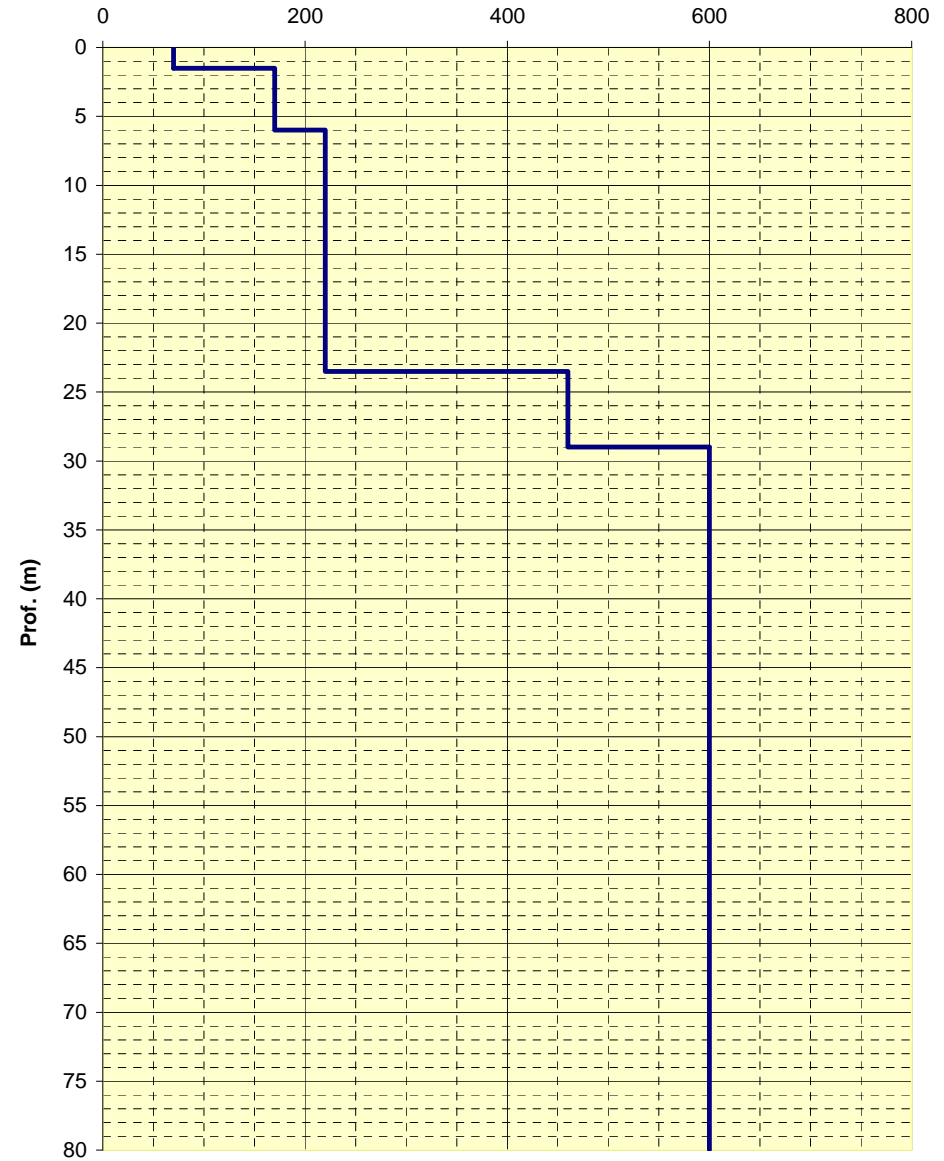
**Spettro di potenza**

AV (1M) V4.0 vspec C:\SIS\MI\Bagnolo\101.sgy - Step 2, 3, 4, 5 - Planes: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19



Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	1.5	70
2	1.5	6	170
3	6	23.5	220
4	23.5	29	460
5	29	INF	600
6			
7			
8			
9			
10			

**Modello interpretativo  
profilo Vs (m/s)**



— Vs

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

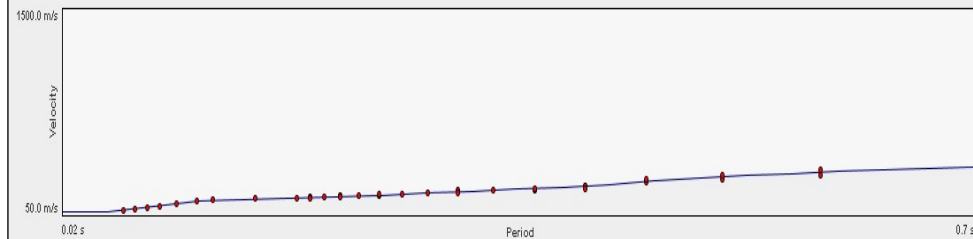
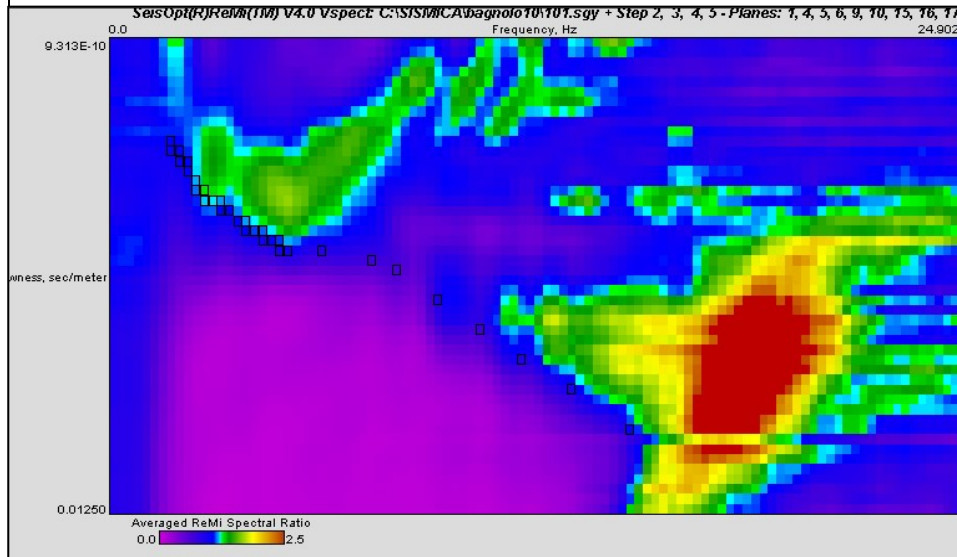
DATA: 08-09-2008

CANTIERE: PSC 2008

QUOTA: - m slm

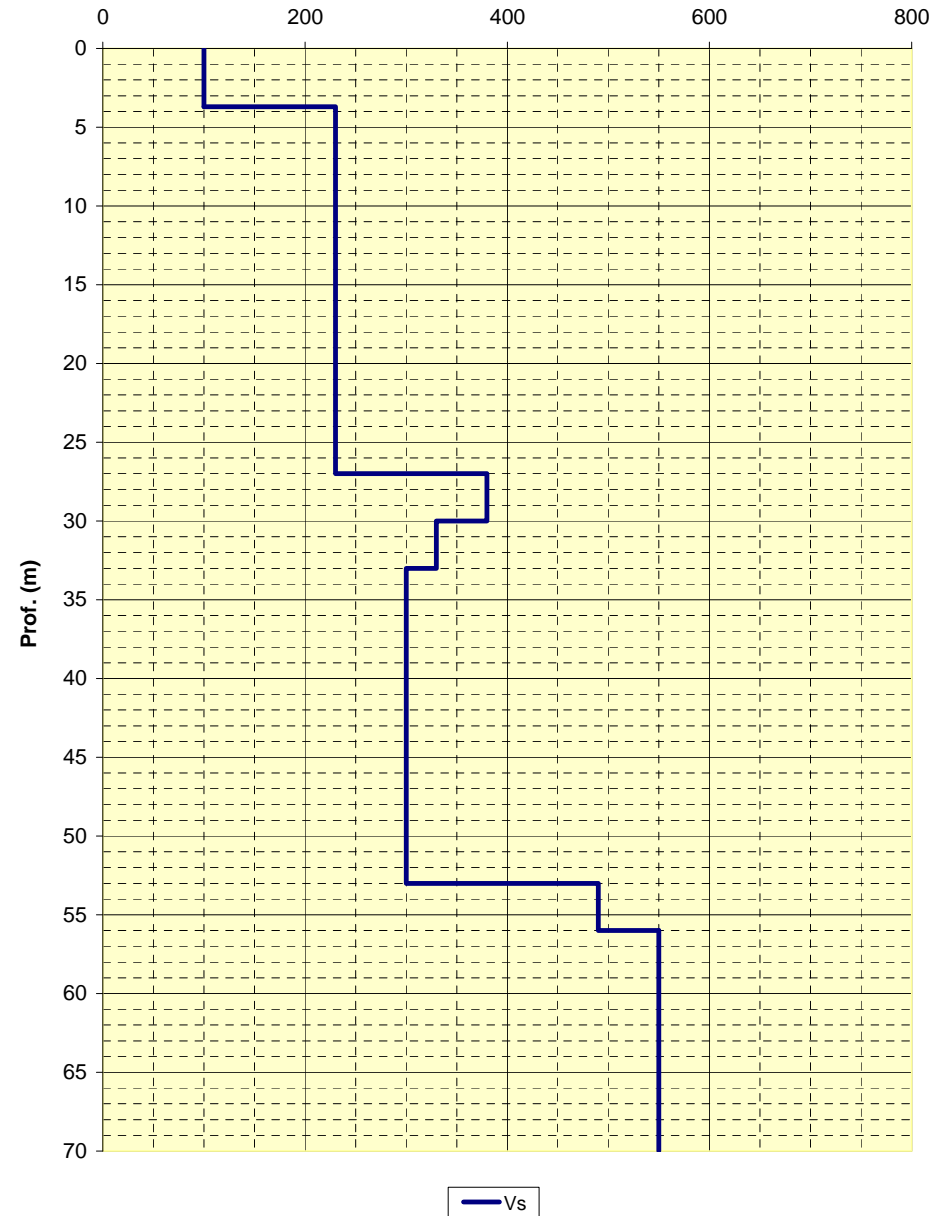
OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**



Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	3.7	100
2	3.7	27	230
3	27	30	380
4	30	33	330
5	33	53	300
6	53	56	490
7	56	INF	550
8			
9			
10			

**Modello interpretativo  
profilo Vs (m/s)**





LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

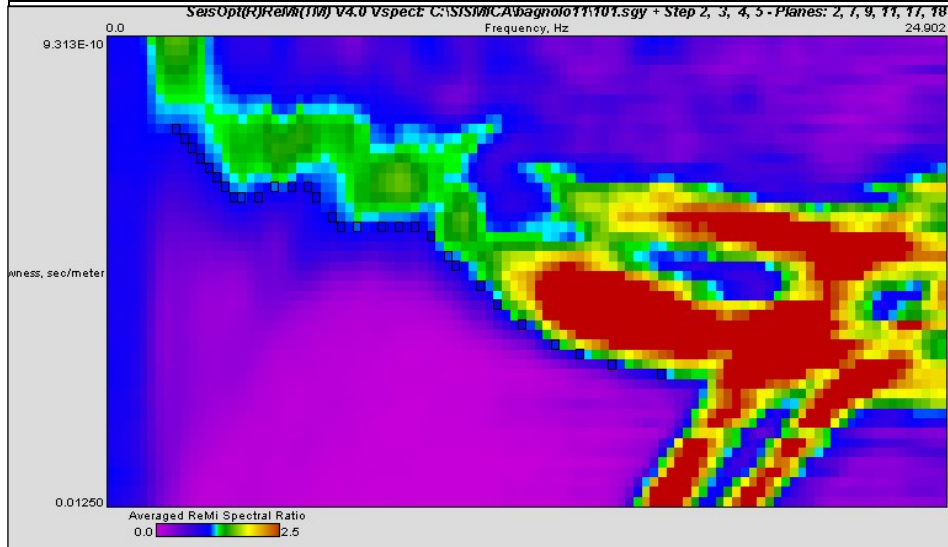
DATA: 08-09-2008

CANTIERE: PSC 2008

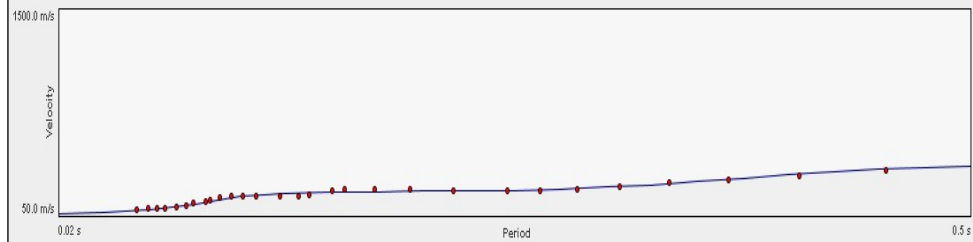
QUOTA: - m slm

OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**



**Curva di dispersione**

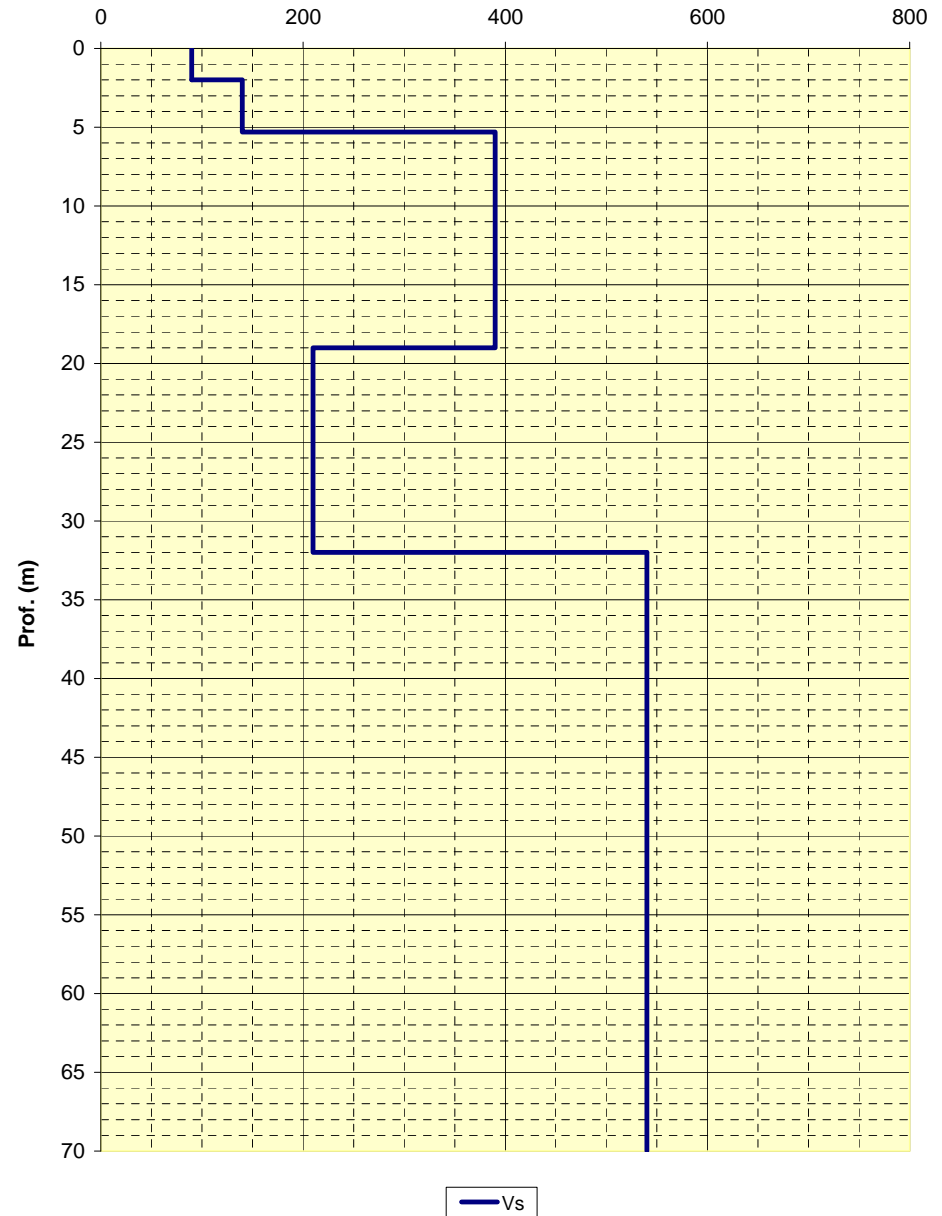


Note:

**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	2	90
2	2	5.3	140
3	5.3	19	390
4	19	32	210
5	32	INF	540
6			
7			
8			
9			
10			

**Modello interpretativo  
profilo Vs (m/s)**



LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

DATA: 08-09-2008

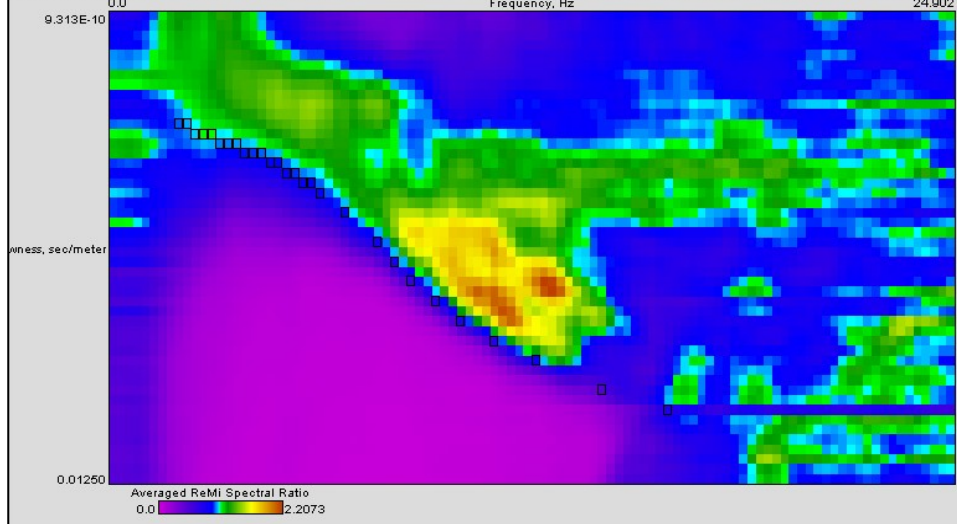
CANTIERE: PSC 2008

QUOTA: - m slm

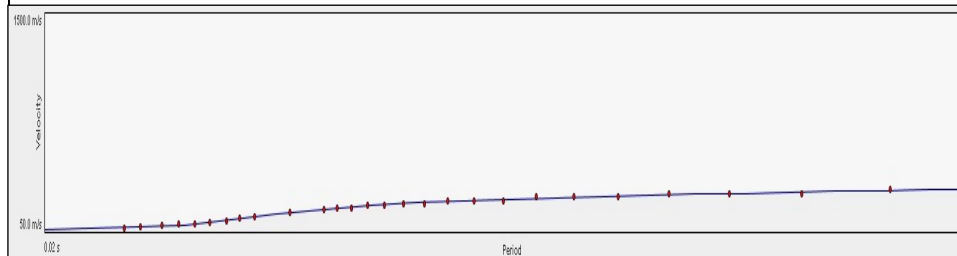
OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**

4(11M) V4.0 Vspect: C:\SISIMCA\bagnolo12\101.sgy + Step 2, 3, 4, 5 - Planes: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19



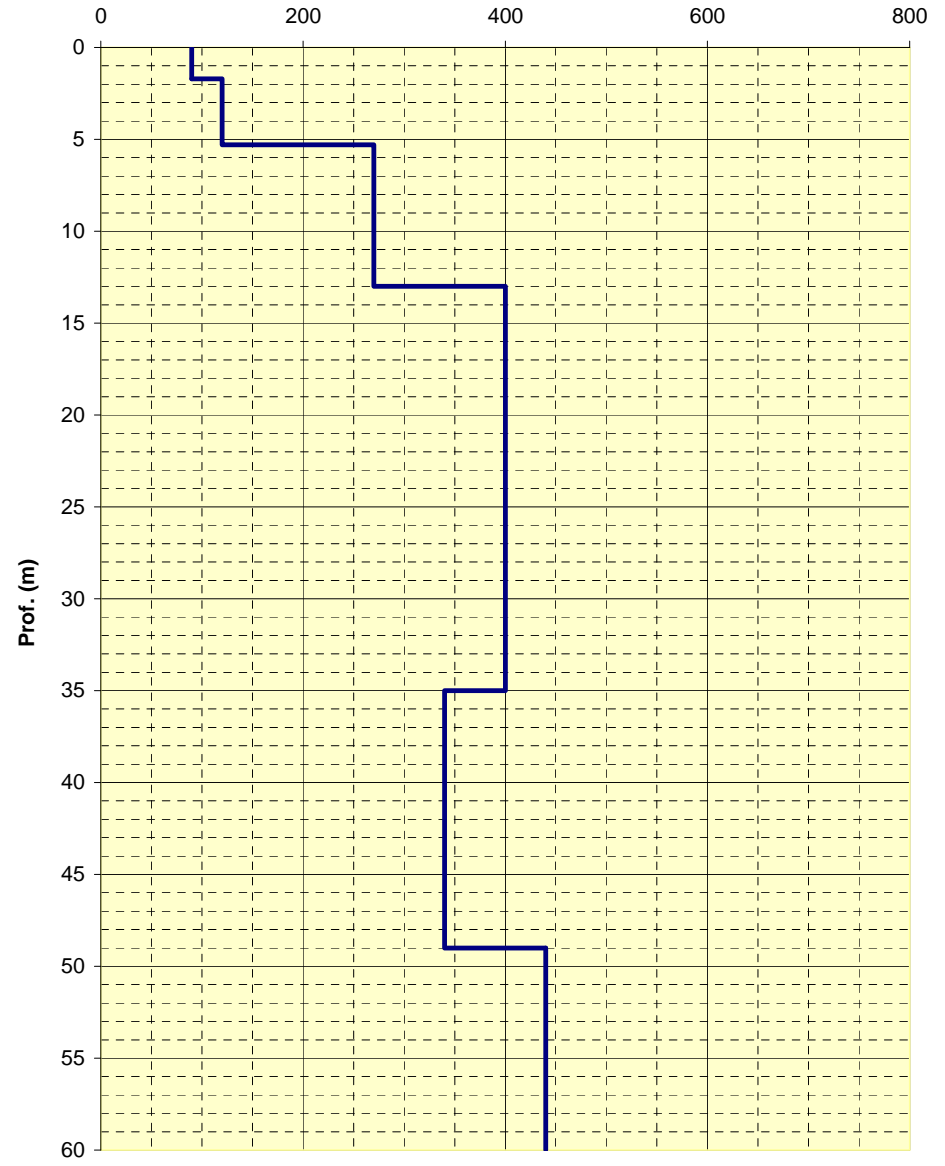
**Curva di dispersione**



Note:

Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	1.7	1.7	90
2	1.7	5.3	3.6	120
3	5.3	13	7.7	270
4	13	35	22	400
5	35	49	14	340
6	49	INF	INF	440
7				
8				
9				
10				

**Modello interpretativo  
profilo Vs (m/s)**



— Vs

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

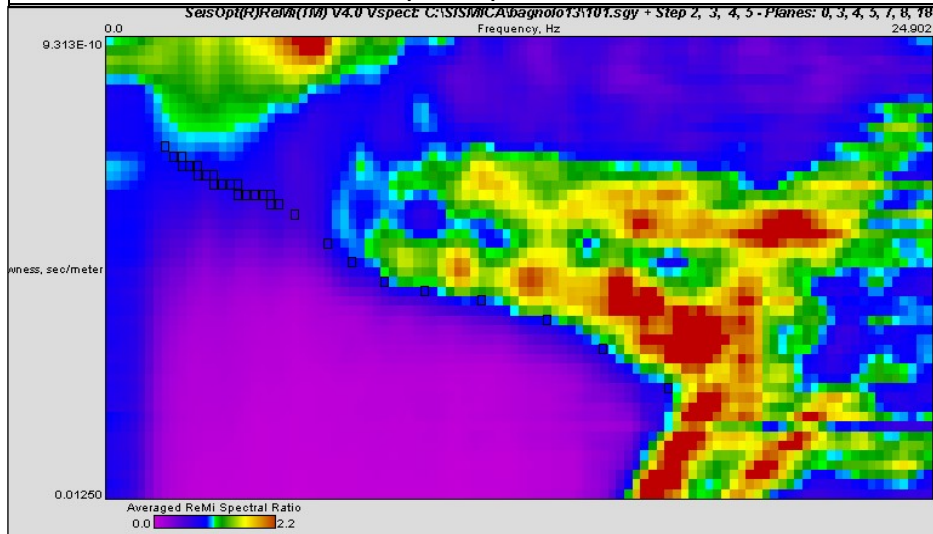
DATA: 08-09-2008

CANTIERE: PSC 2008

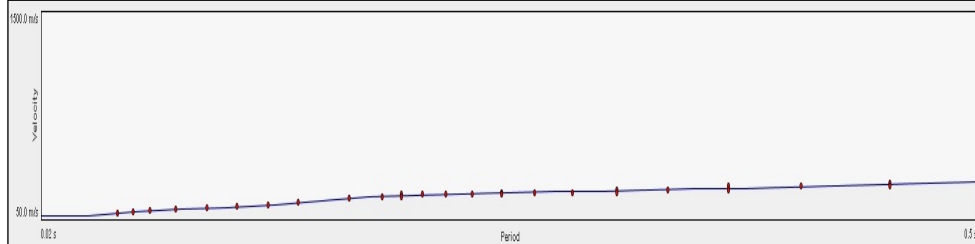
QUOTA: - m slm

OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**



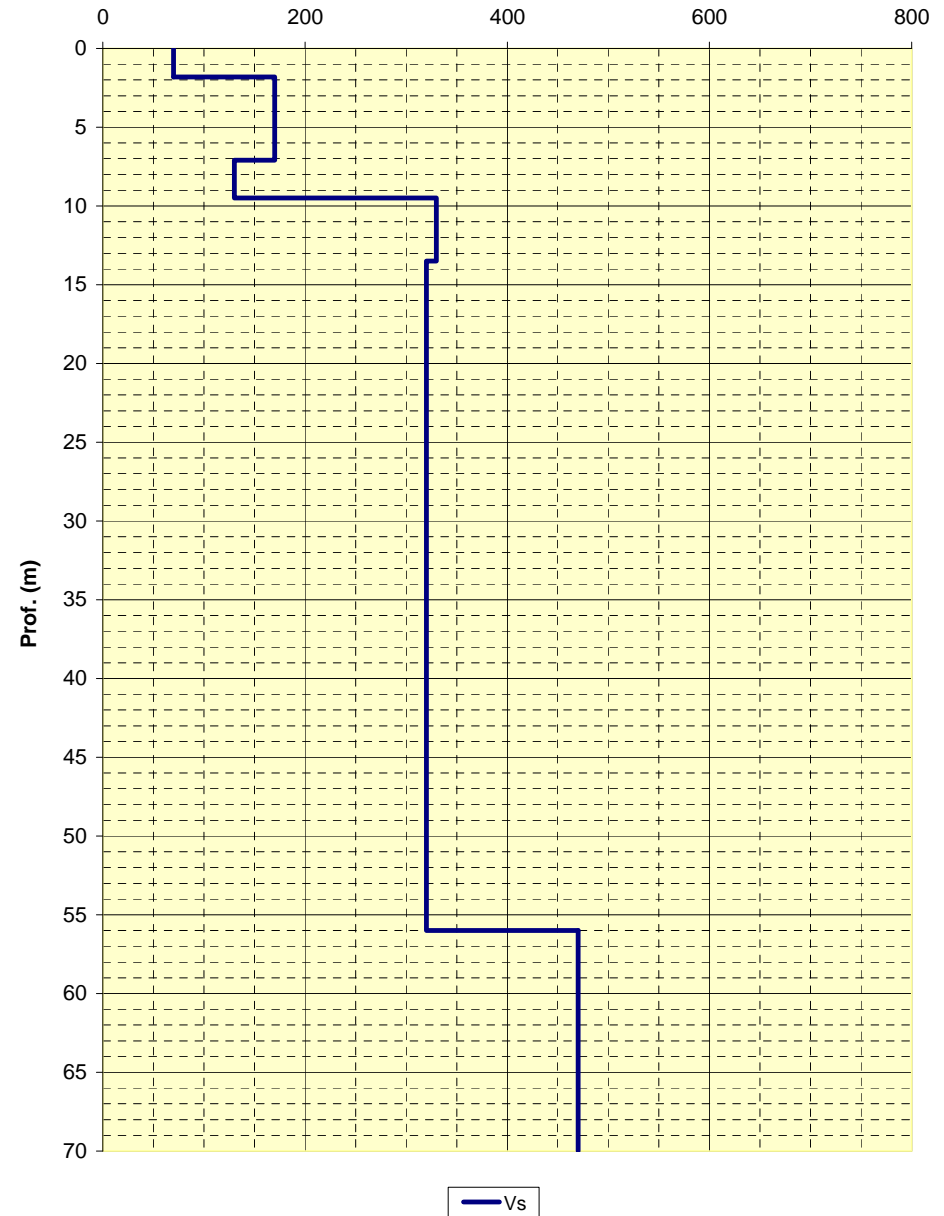
**Curva di dispersione**



Note:

Modello interpretativo				
Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)	
1	0	1.8	1.8	70
2	1.8	7.1	5.3	170
3	7.1	9.5	2.4	130
4	9.5	13.5	4	330
5	13.5	56	42.5	320
6	56	INF	INF	470
7				
8				
9				
10				

**Modello interpretativo  
profilo Vs (m/s)**





LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

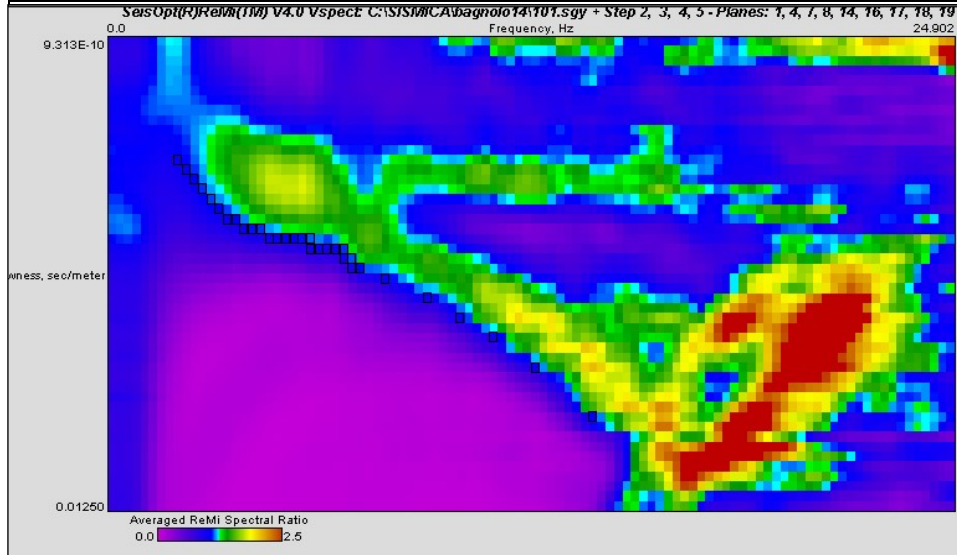
DATA: 08-09-2008

CANTIERE: PSC 2008

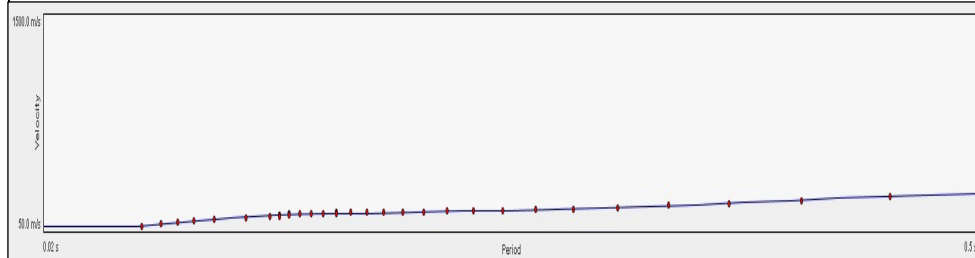
QUOTA: - m slm

OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**



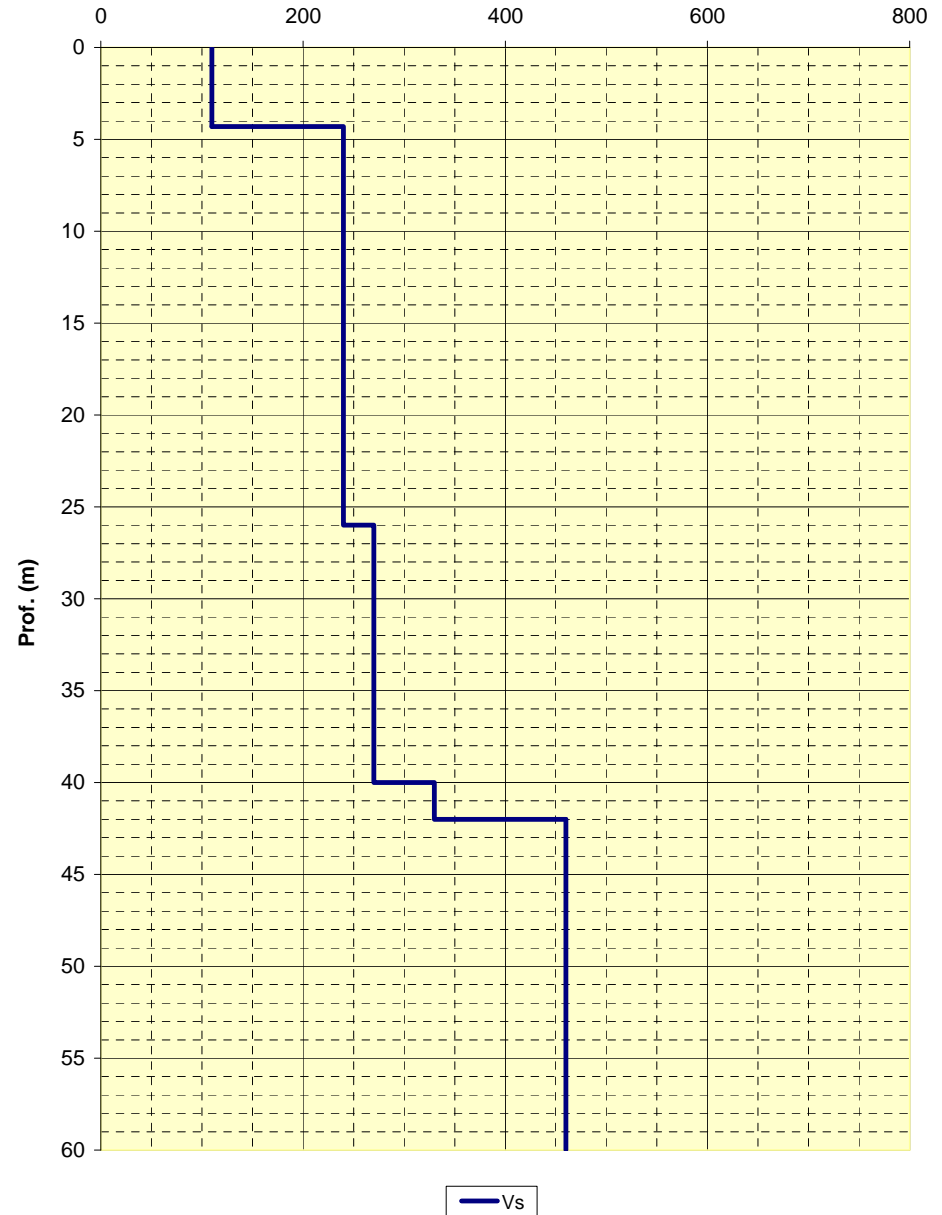
**Curva di dispersione**



Note:

Modello interpretativo				
Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)	
1	0	4.3	4.3	110
2	4.3	26	21.7	240
3	26	40	14	270
4	40	42	2	330
5	42	INF	INF	460
6				
7				
8				
9				
10				

**Modello interpretativo  
profilo Vs (m/s)**



LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

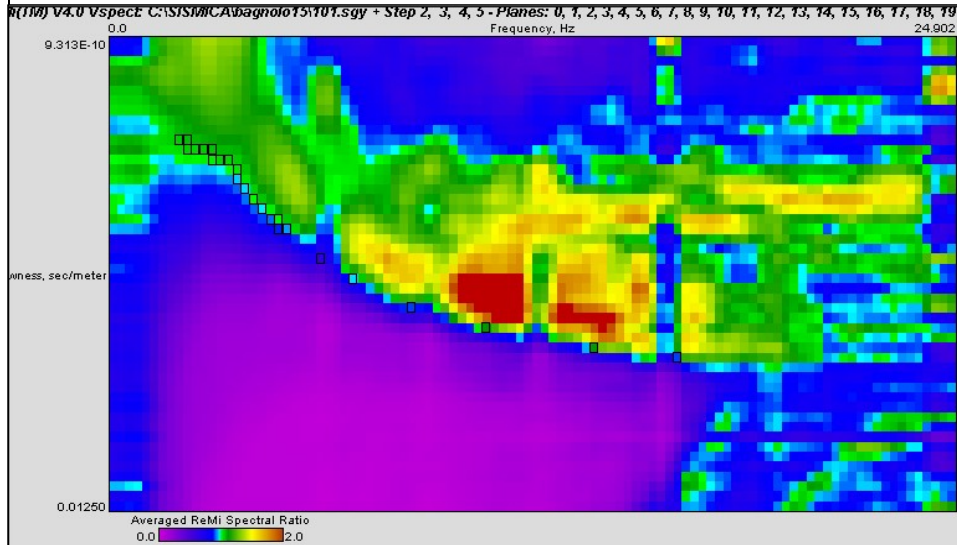
DATA: 08-09-2008

CANTIERE: PSC 2008

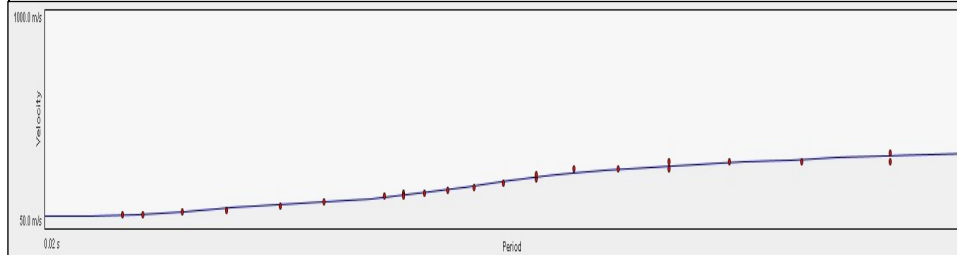
QUOTA: - m slm

OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**



**Curva di dispersione**

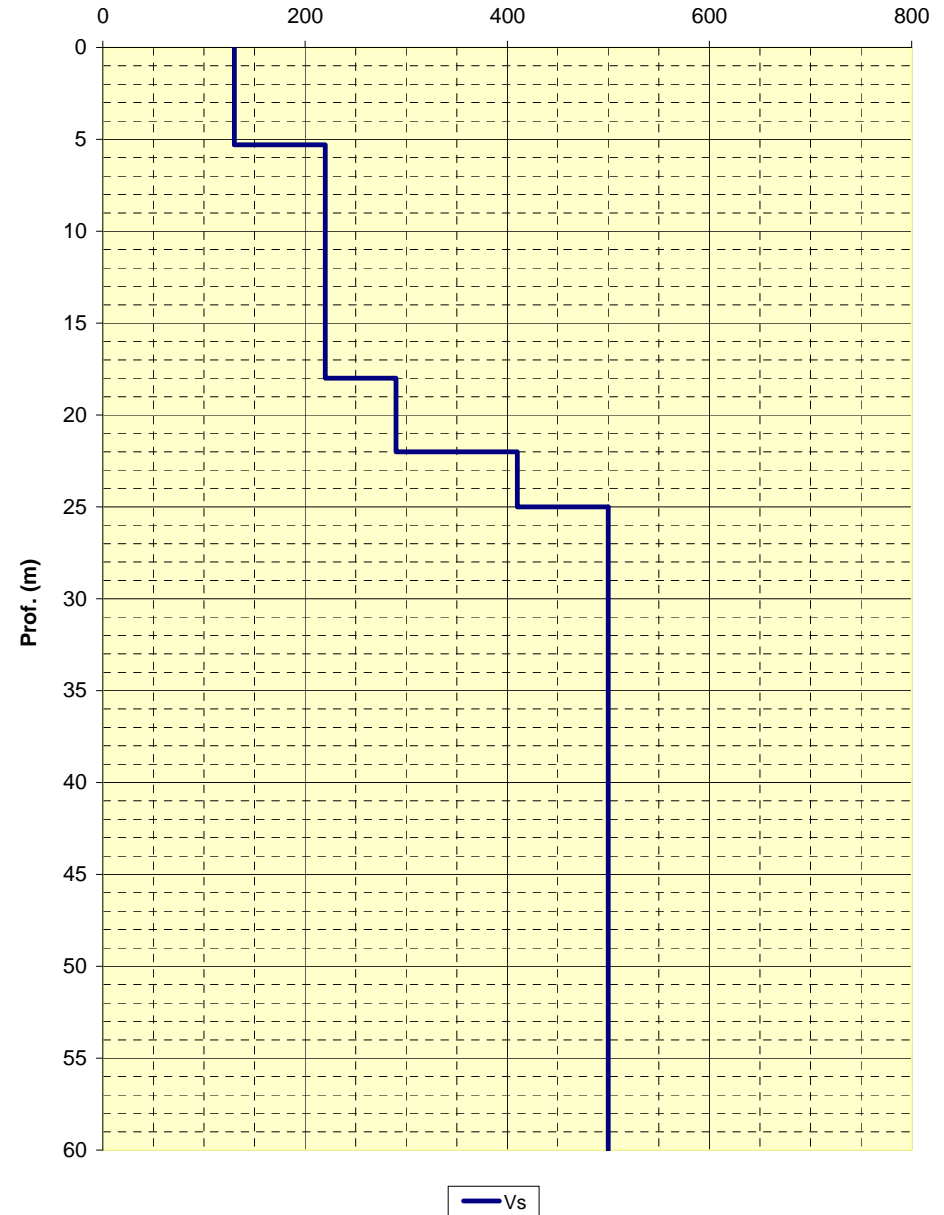


Note:

**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	5.3	130
2	5.3	18	220
3	18	22	290
4	22	25	410
5	25	INF	500
6			
7			
8			
9			
10			

**Modello interpretativo  
profilo Vs (m/s)**



LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

DATA: 08-09-2008

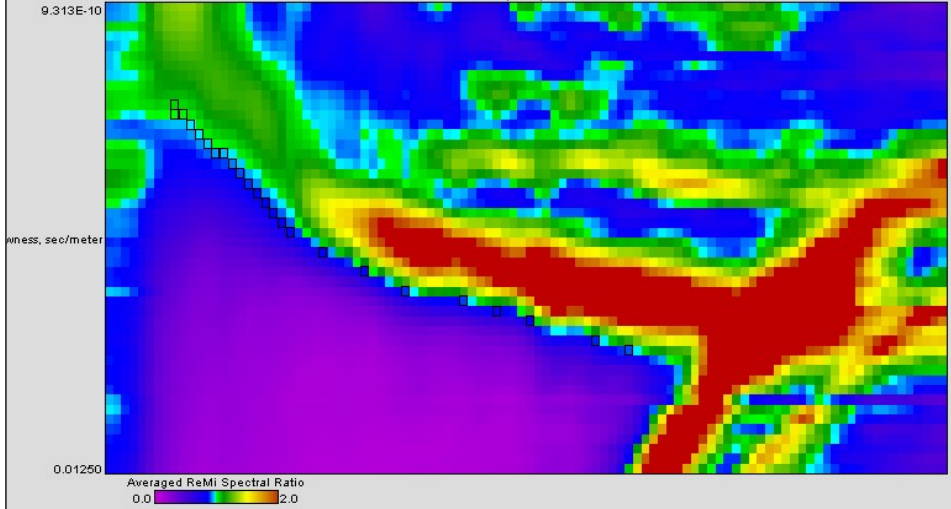
CANTIERE: PSC 2008

QUOTA: - m slm

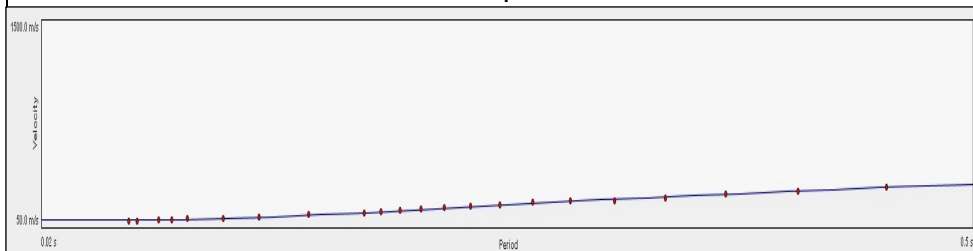
OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**

ReMi V4.0 Vspec: C:\SIS\MI\CA\bagnolo16\101.sgy + Step 2, 3, 4, 5 - Planes: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19



**Curva di dispersione**

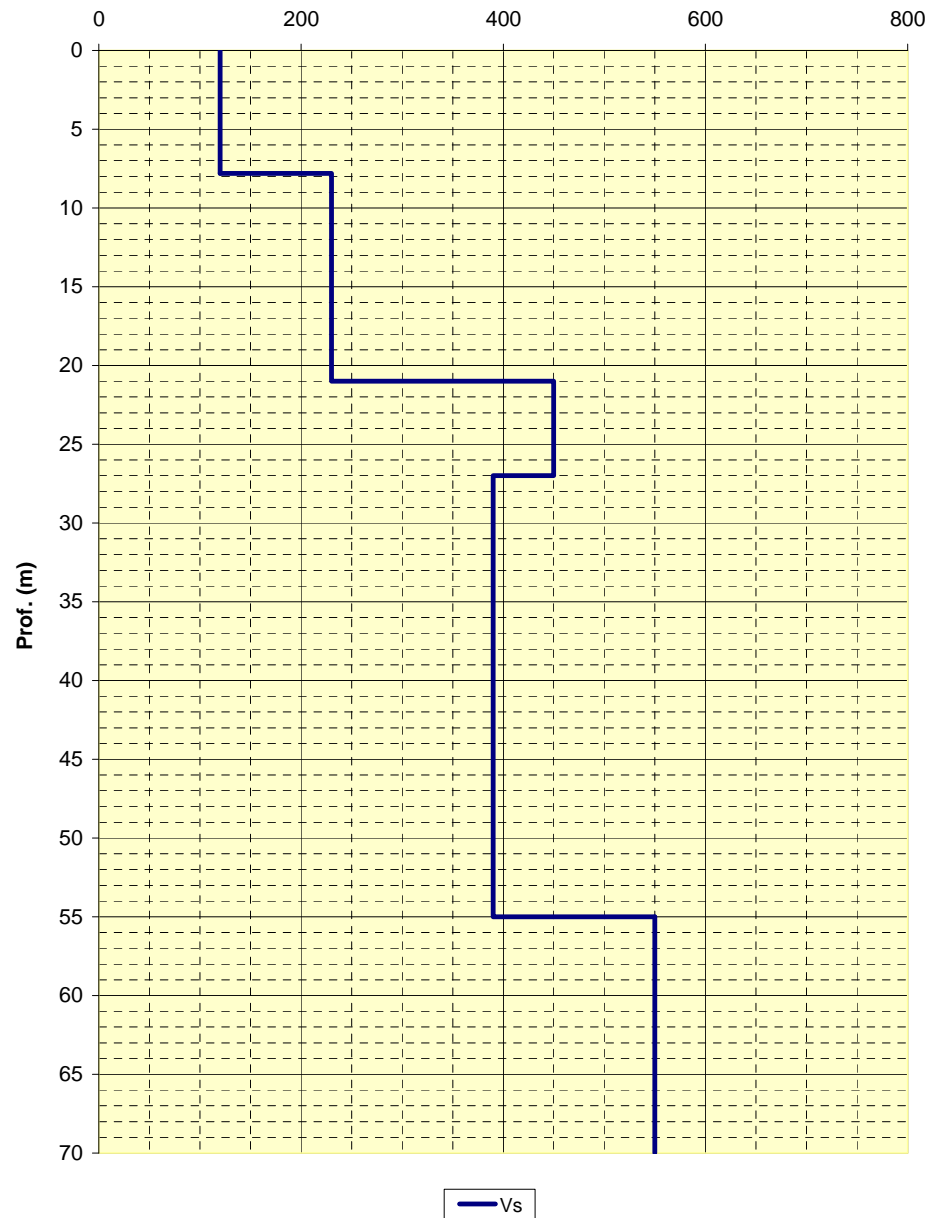


Note:

**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	7.8	120
2	7.8	21	230
3	21	27	450
4	27	55	390
5	55	INF	550
6			
7			
8			
9			
10			

**Modello interpretativo  
profilo Vs (m/s)**



LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comunale

DATA: 08-09-2008

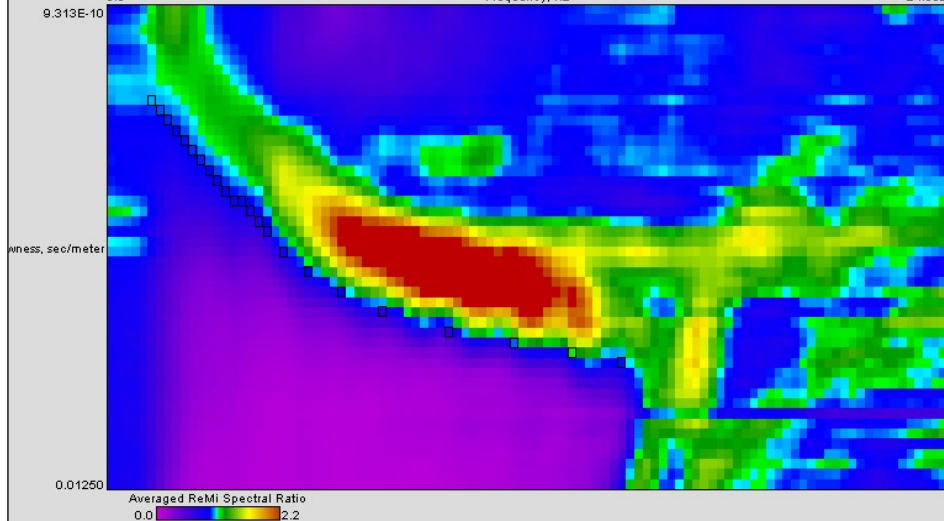
CANTIERE: PSC 2008

QUOTA: - m slm

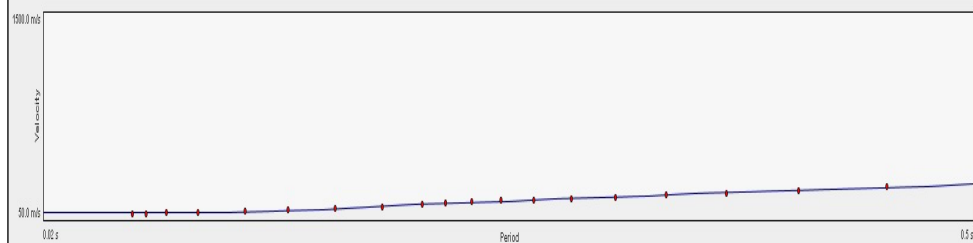
OPERATORI: Dr. Arbizzi - Mazzetti M.

**Spettro di potenza**

ReMi V4.0 Vspec: C:\SISMI\CA\Bagnolo17\101.sgy + Step 2, 3, 4, 5 - Planes: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19  
Frequency, Hz 24.902



**Curva di dispersione**

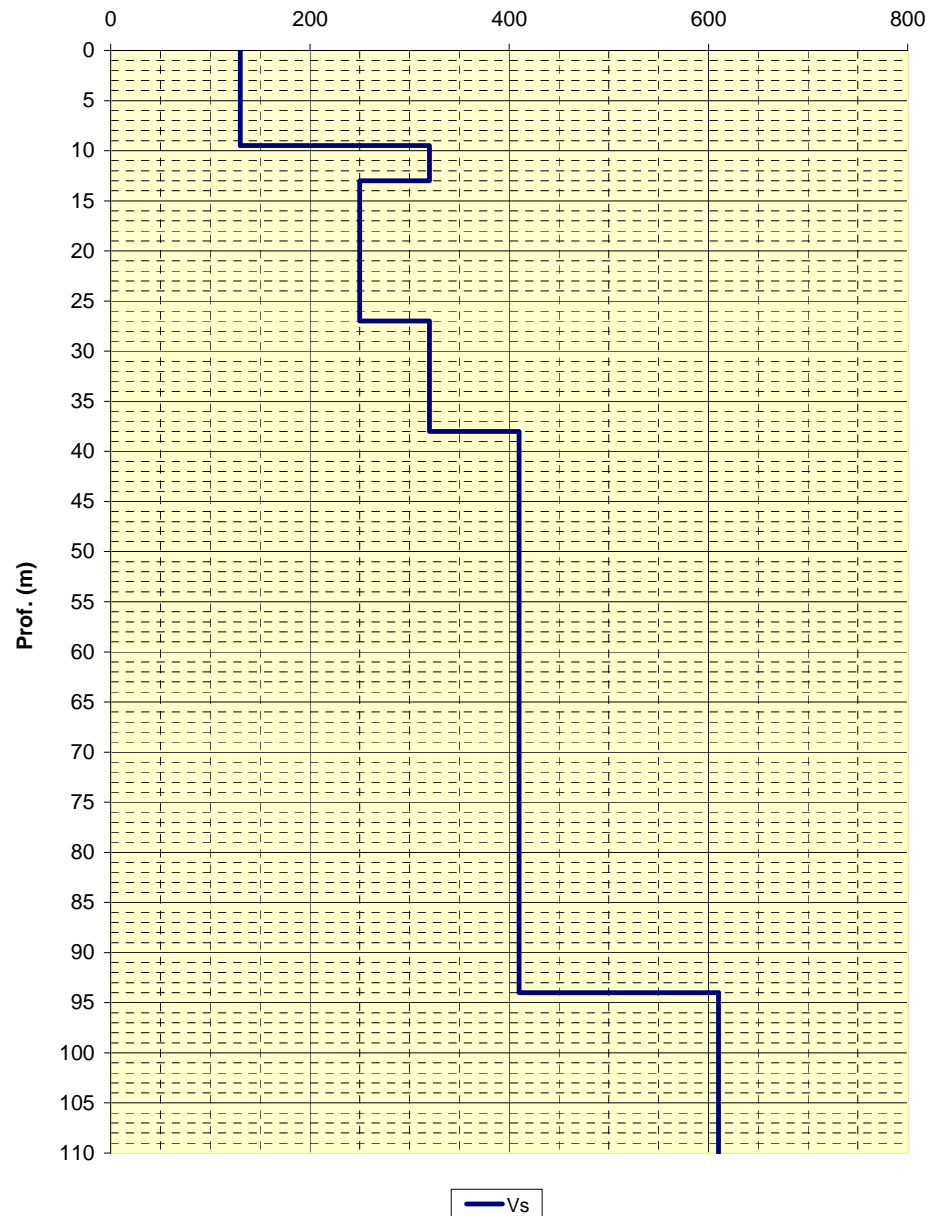


Note:

**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	9.5	130
2	9.5	13	320
3	13	27	250
4	27	38	320
5	38	94	410
6	94	INF	610
7			
8			
9			
10			

**Modello interpretativo  
profilo Vs (m/s)**



— Vs

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Immobiliare S. Croce Srl

DATA: 29-06-2010

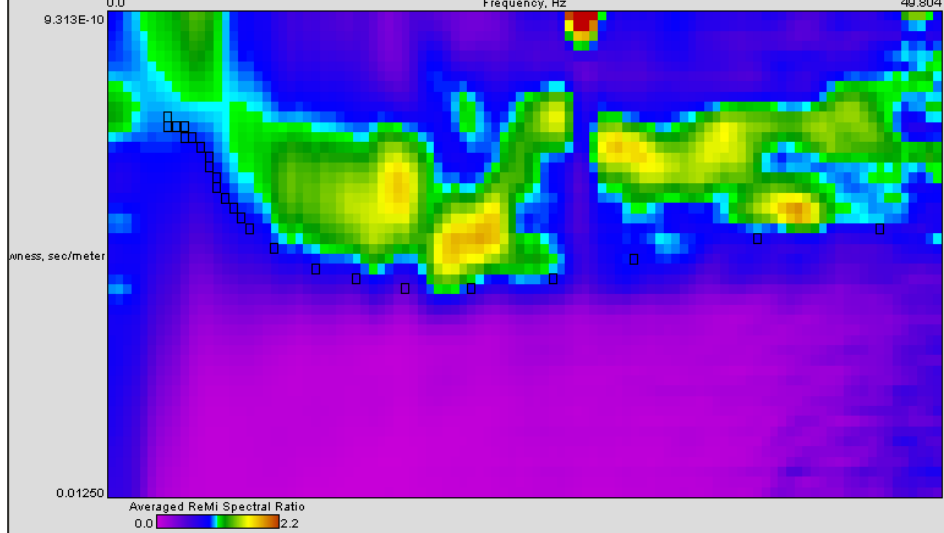
CANTIERE: Albergo Bagnolo

QUOTA: 32 m slm

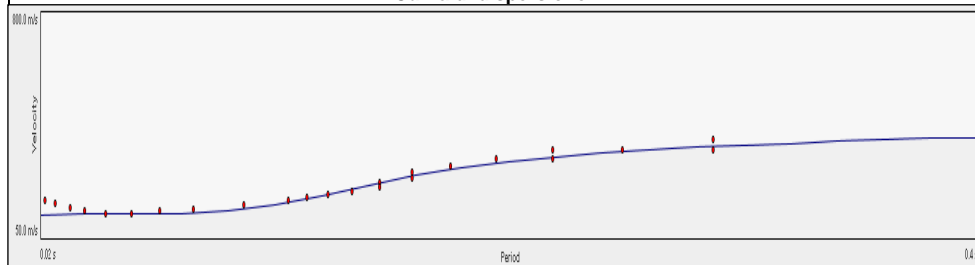
OPERATORI: Mazzetti M. - Boccaletti M.

**Spettro di potenza**

V4.0 VSpec C:\SISMI\CABagnolo\albergo\101.sgy + Step 2, 3, 4, 5 - Planes: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19



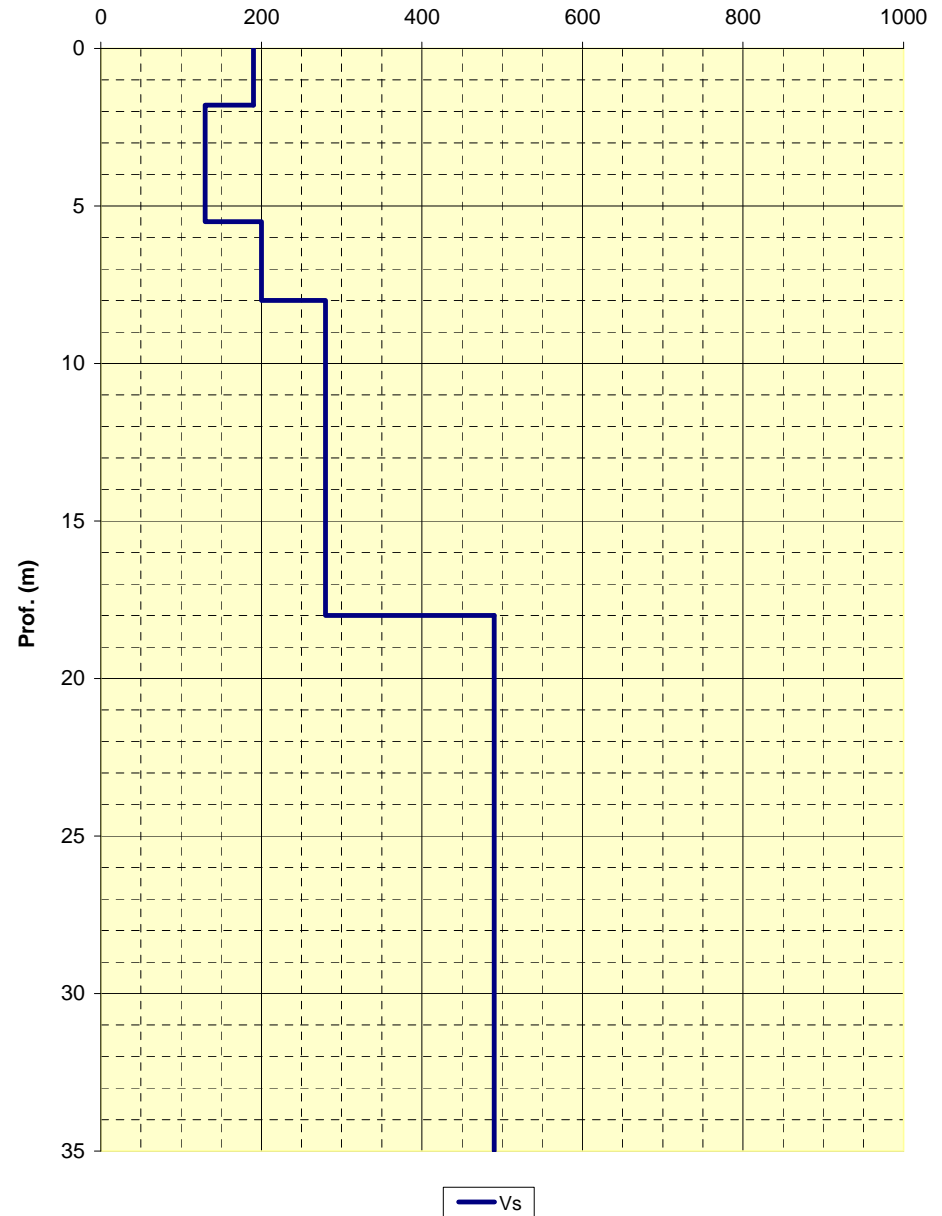
**Curva di dispersione**



Note:

Modello interpretativo				
Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)	
1	0	1.8	190	
2	1.8	5.5	130	
3	5.5	8	200	
4	8	18	280	
5	18	INF	490	
6				
7				
8				
9				
10				

**Modello interpretativo  
profilo Vs (m/s)**



LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Scat

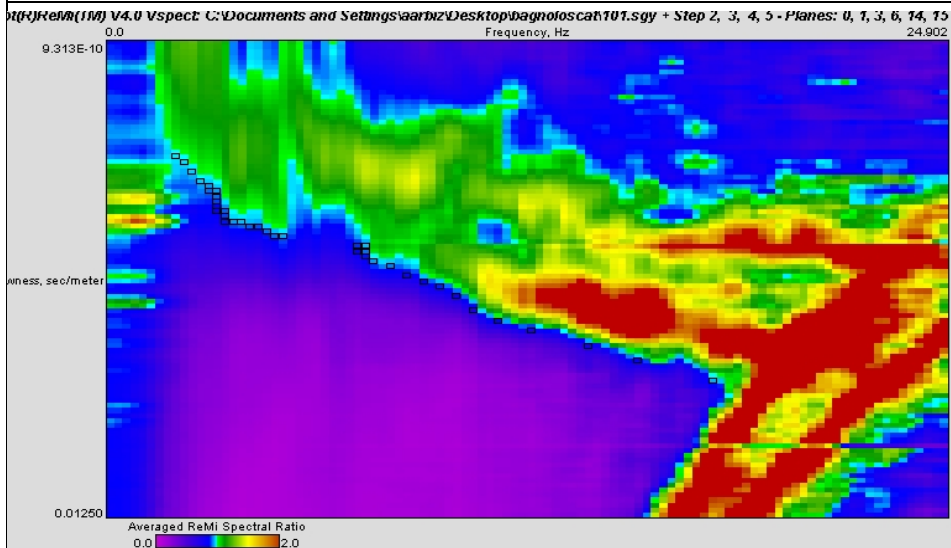
DATA: 24-02-2010

CANTIERE: Distributore carburanti viale Europa 4

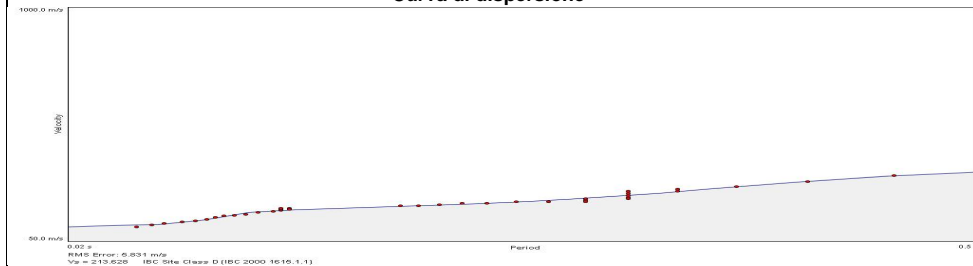
QUOTA: 35 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

**Spettro di potenza**



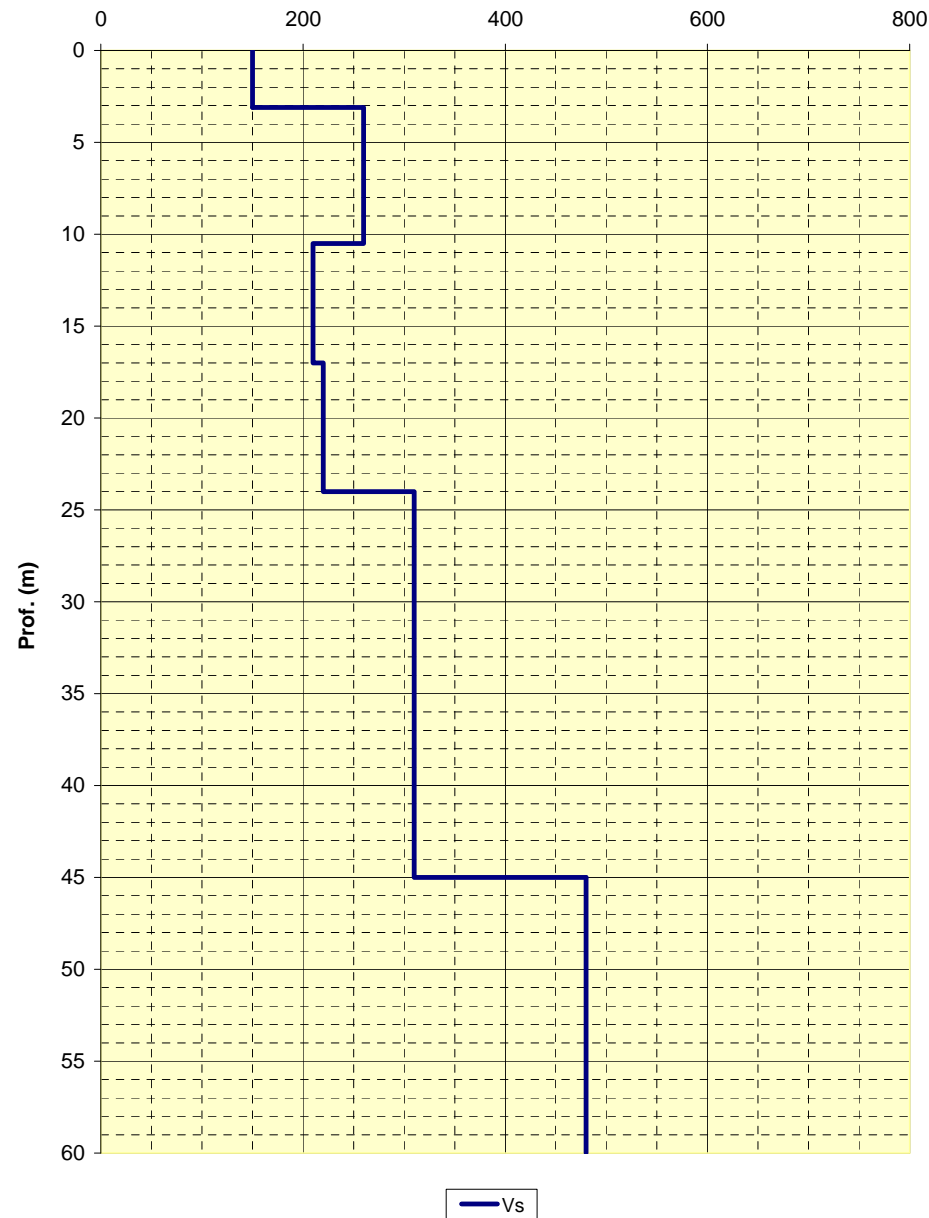
**Curva di dispersione**



Note:

Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	3.1	3.1	150
2	3.1	10.5	7.4	260
3	10.5	17	6.5	210
4	17	24	7	220
5	24	45	21	310
6	45	INF	INF	480
7				
8				
9				
10				

**Modello interpretativo  
profilo Vs (m/s)**



**STENDIMENTI SISMICI**  
**ATTIVI/PASSIVI**  
**MASW/Re.Mi.**

***STUDIO GEOLOGICO CENTROGEO***

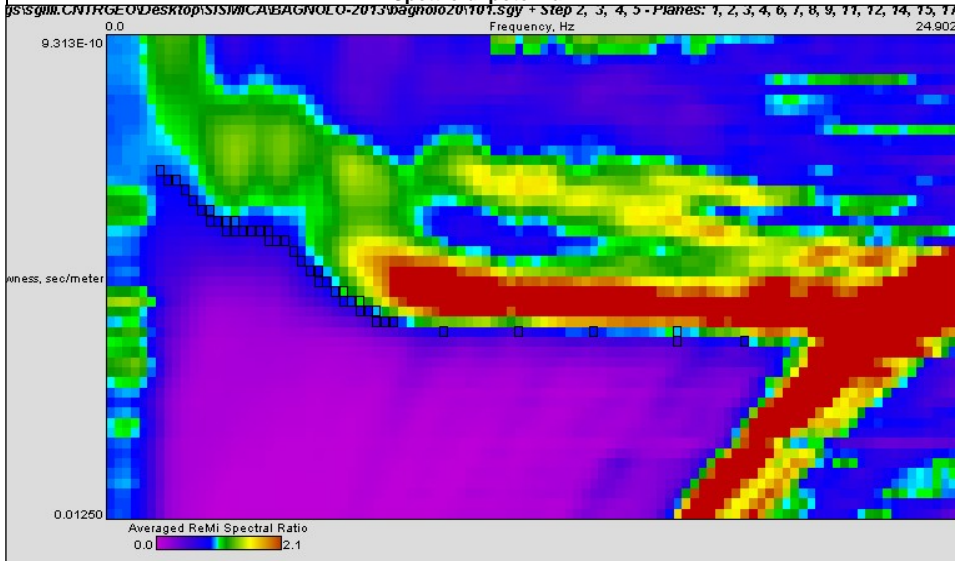
*42015 Correggio (RE) - Piazza S.Quirino, 6 - tel 0522/641001 - Fax: 632162*



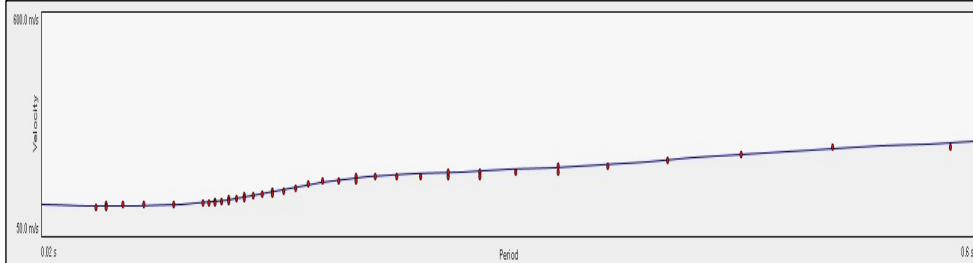
LOCALITA': Bagnolo in Piano (RE)  
DATA: 19-03-2013  
QUOTA: 32 m slm

COMMITTENTE: Amm. Comun. Bagnolo in Piano  
CANTIERE: Microzonazione sismica 2013  
OPERATORI: Mazzetti M. - Arbizzi A.

**Spettro di potenza**



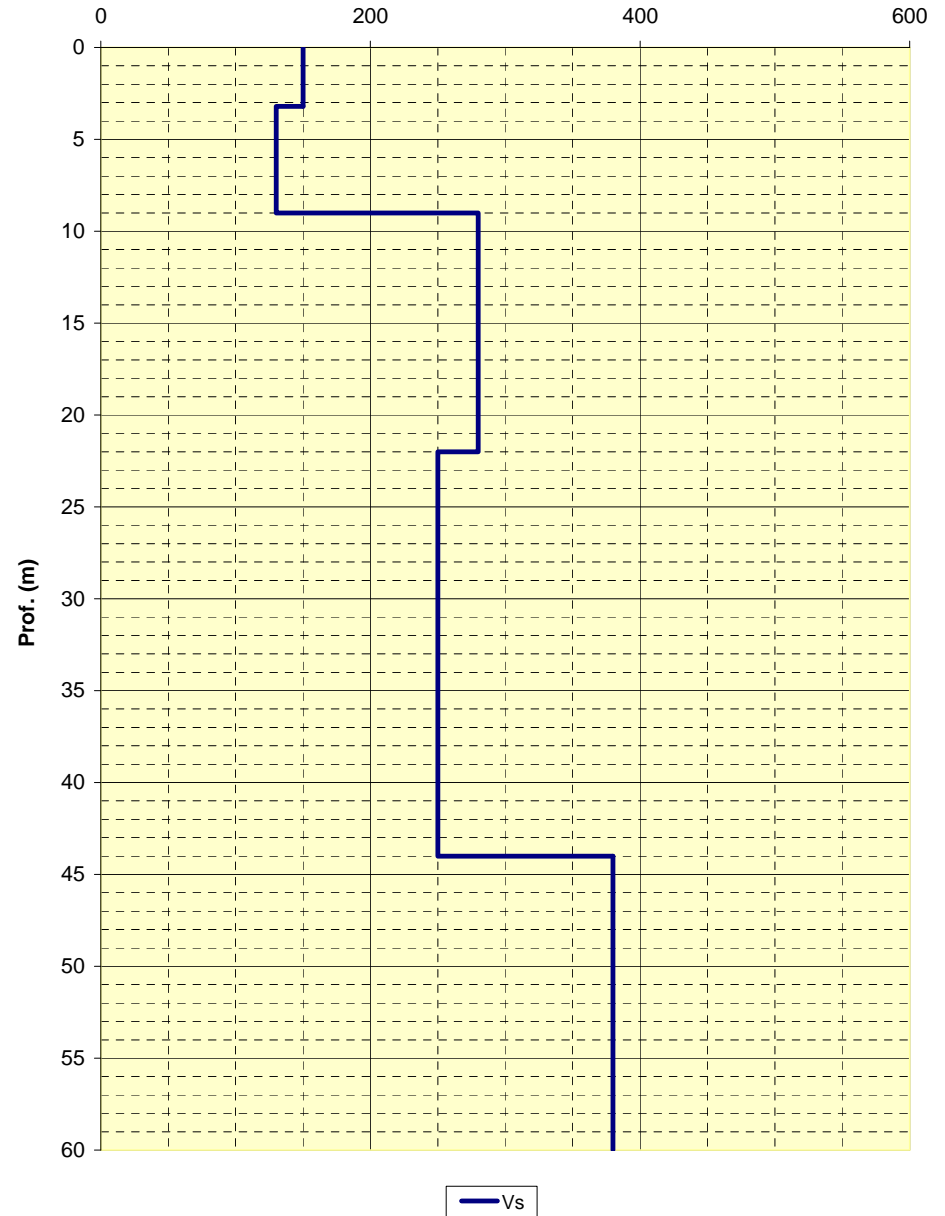
**Curva di dispersione**



Note:

Modello interpretativo				
Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)	
1	0	3.2	3.2	150
2	3.2	9	5.8	130
3	9	22	13	280
4	22	44	22	250
5	44	INF	INF	380
6				
7				
8				
9				
10				

**Modello interpretativo**  
**profilo Vs (m/s)**





LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comun. Bagnolo in Piano

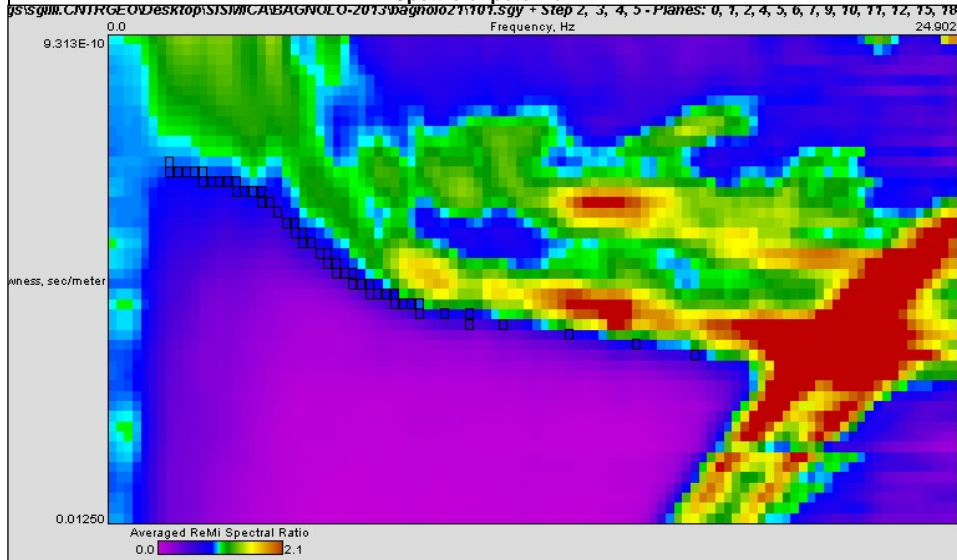
DATA: 19-03-2013

CANTIERE: Microzonazione sismica 2013

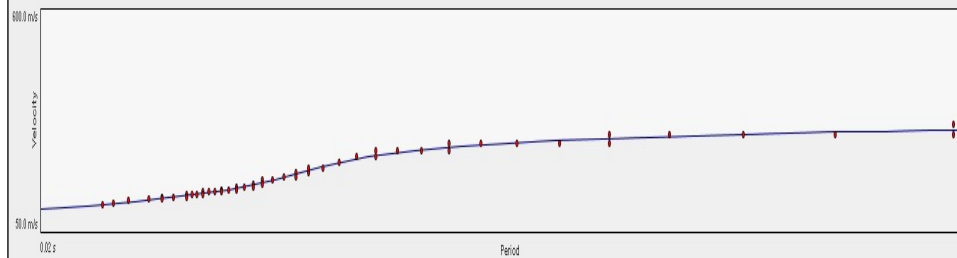
QUOTA: 32 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

**Spettro di potenza**



**Curva di dispersione**

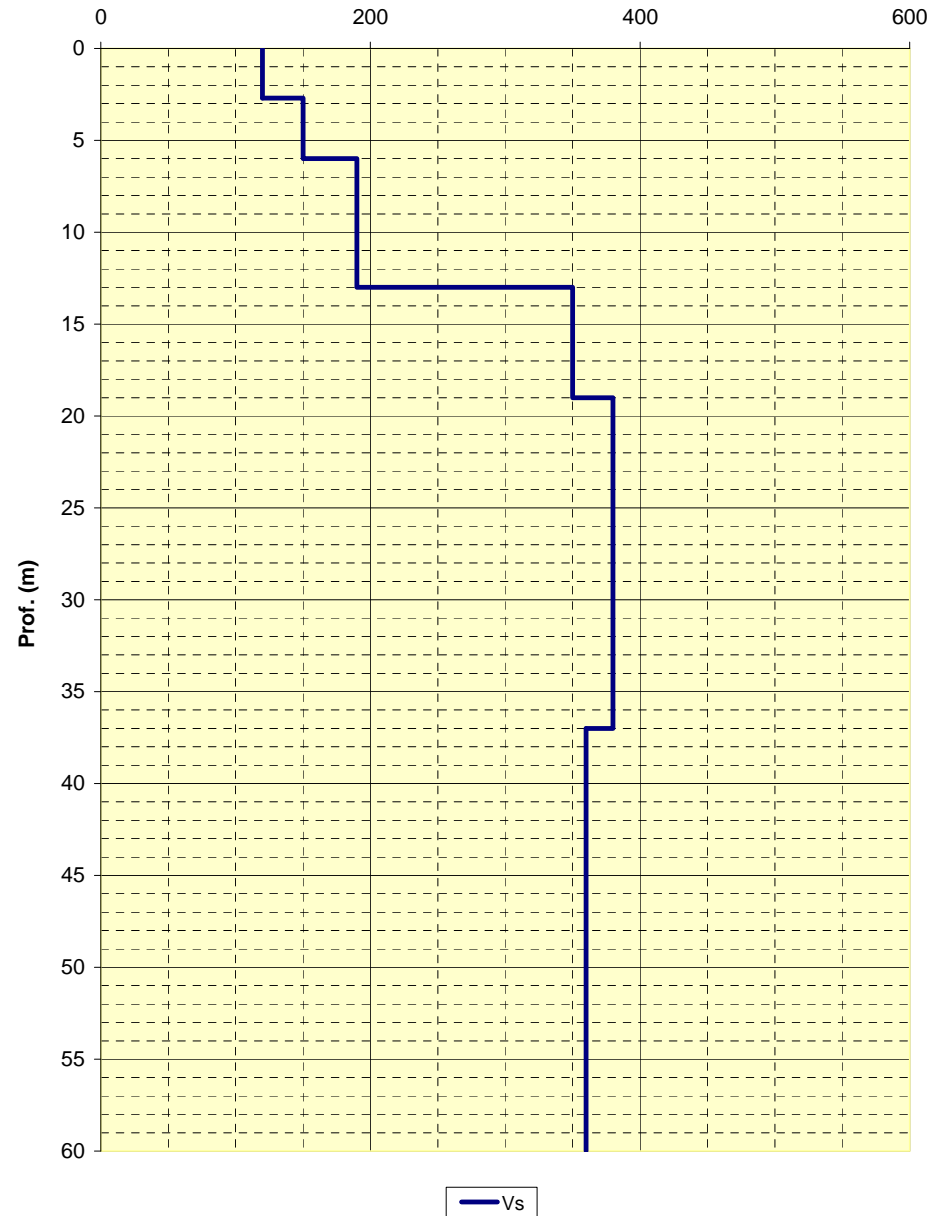


**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	2.7	120
2	2.7	6	150
3	6	13	190
4	13	19	350
5	19	37	380
6	37	INF	360
7			
8			
9			
10			

Note:

**Modello interpretativo**  
**profilo Vs (m/s)**



**STUDIO GEOLOGICO CENTROGEO**  
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**INDAGINE Re.Mi./MASW**  
**22**

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comun. Bagnolo in Piano

DATA: 19-03-2013

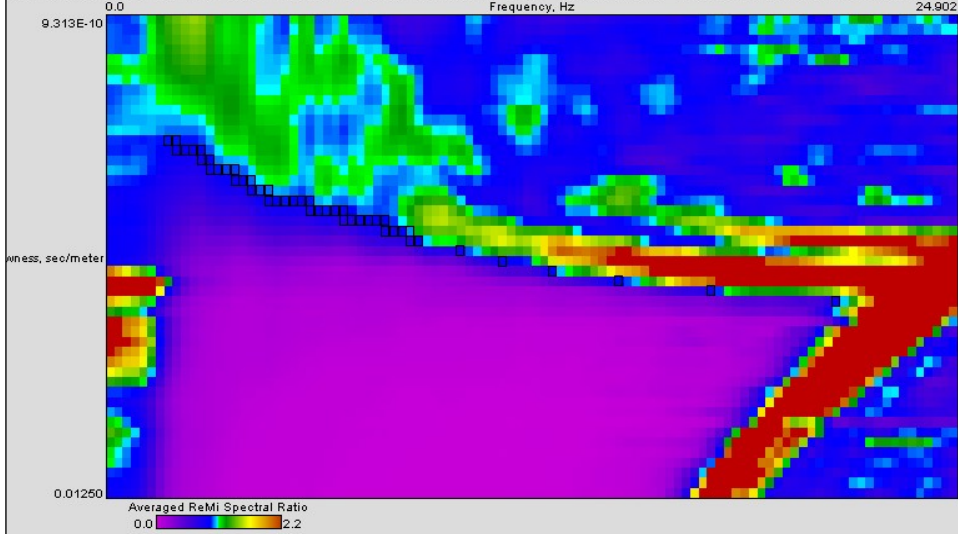
CANTIERE: Microzonazione sismica 2013

QUOTA: 32 m slm

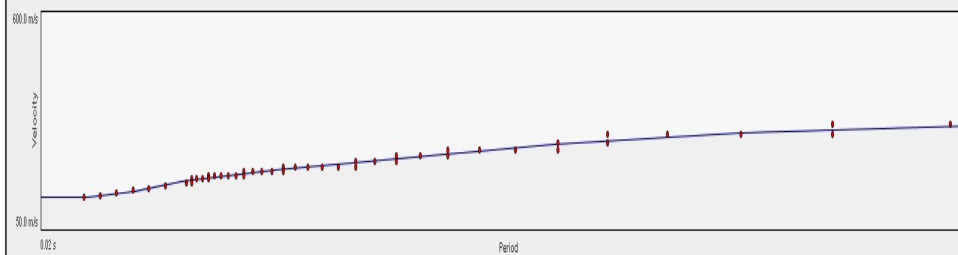
OPERATORI: Mazzetti M. - Arbizzi A.

**Spettro di potenza**

Path: C:\Programmi\CENTROGEO\Desktop\SISMICA\BAGNOLO-2013\Bagnolo22\101.sgy - Step 2, 3, 4, 5 - Planes: 0, 1, 2, 3, 4, 5, 6, 7, 10, 11, 15, 18



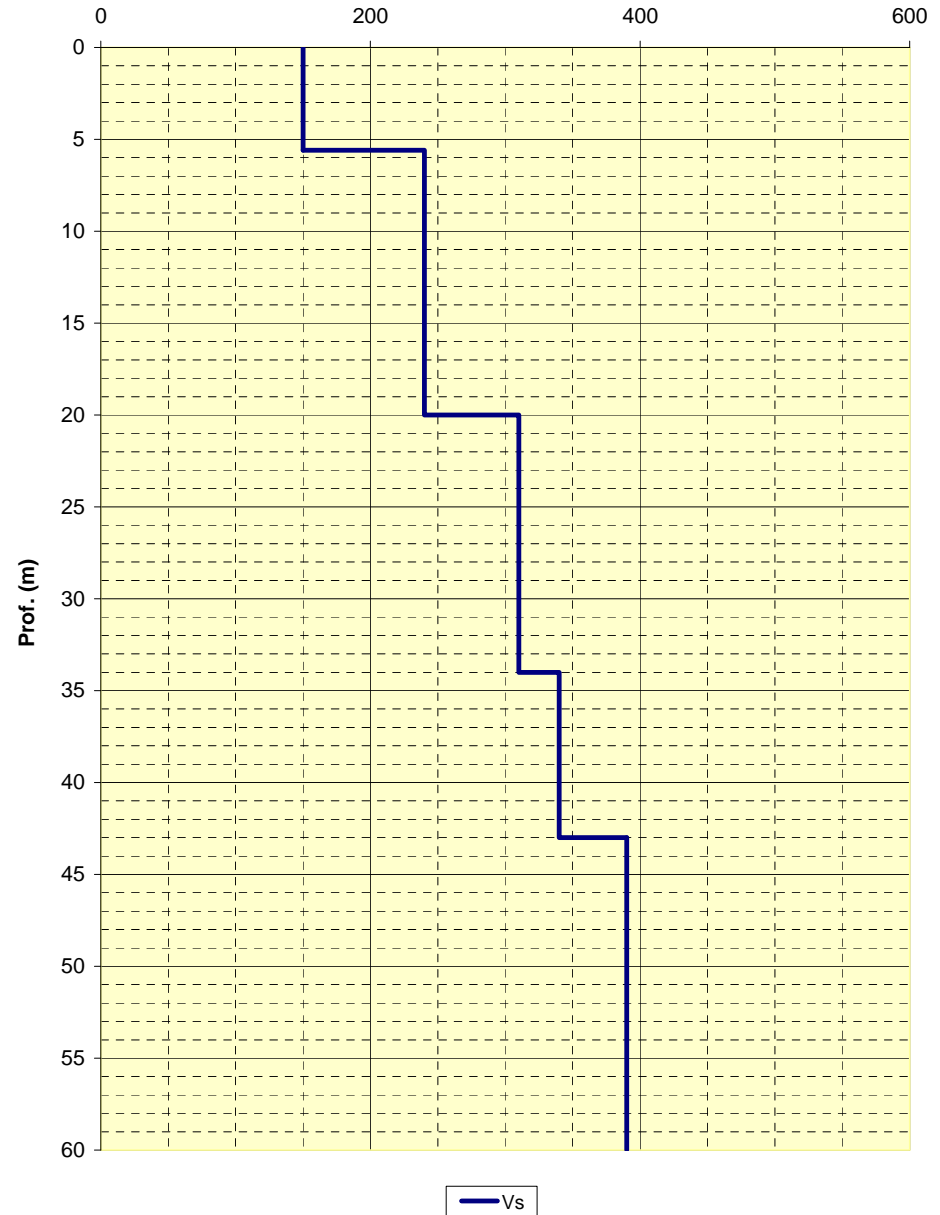
**Curva di dispersione**



Note:

Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	5.6	5.6	150
2	5.6	20	14.4	240
3	20	34	14	310
4	34	43	9	340
5	43	INF	INF	390
6				
7				
8				
9				
10				

**Modello interpretativo**  
**profilo Vs (m/s)**

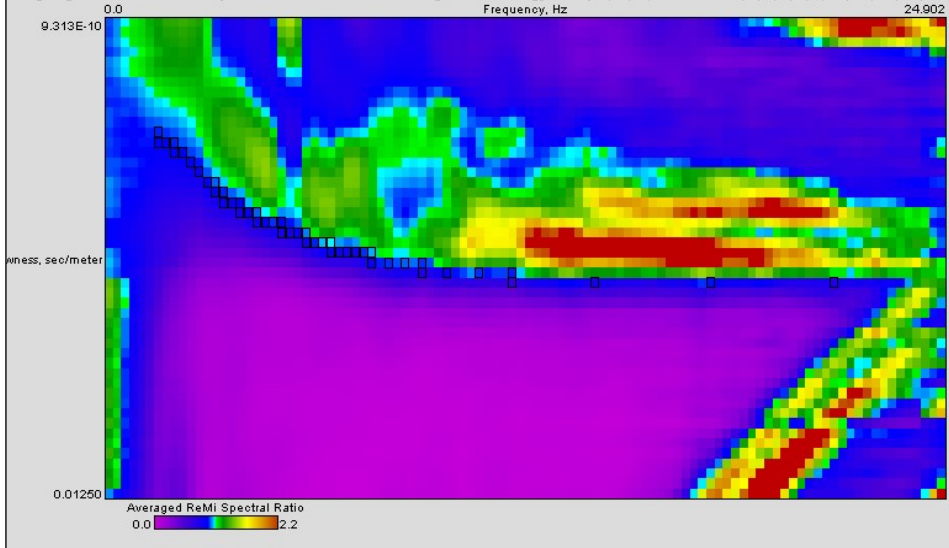


LOCALITA': Bagnolo in Piano (RE)  
DATA: 19-03-2013  
QUOTA: 30 m slm

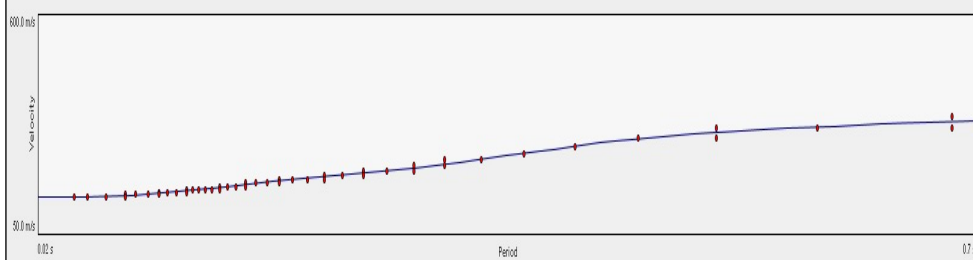
COMMITTENTE: Amm. Comun. Bagnolo in Piano  
CANTIERE: Microzonazione sismica 2013  
OPERATORI: Mazzetti M. - Arbizzi A.

**Spettro di potenza**

Path: C:\Programmi\CENTROGEO\Desktop\SISMICA\BAGNOLO-2013\Bagnolo23\101.sgy - Step 2, 3, 4, 5 - Planes: 1, 2, 4, 5, 6, 7, 10, 11, 13, 15, 18



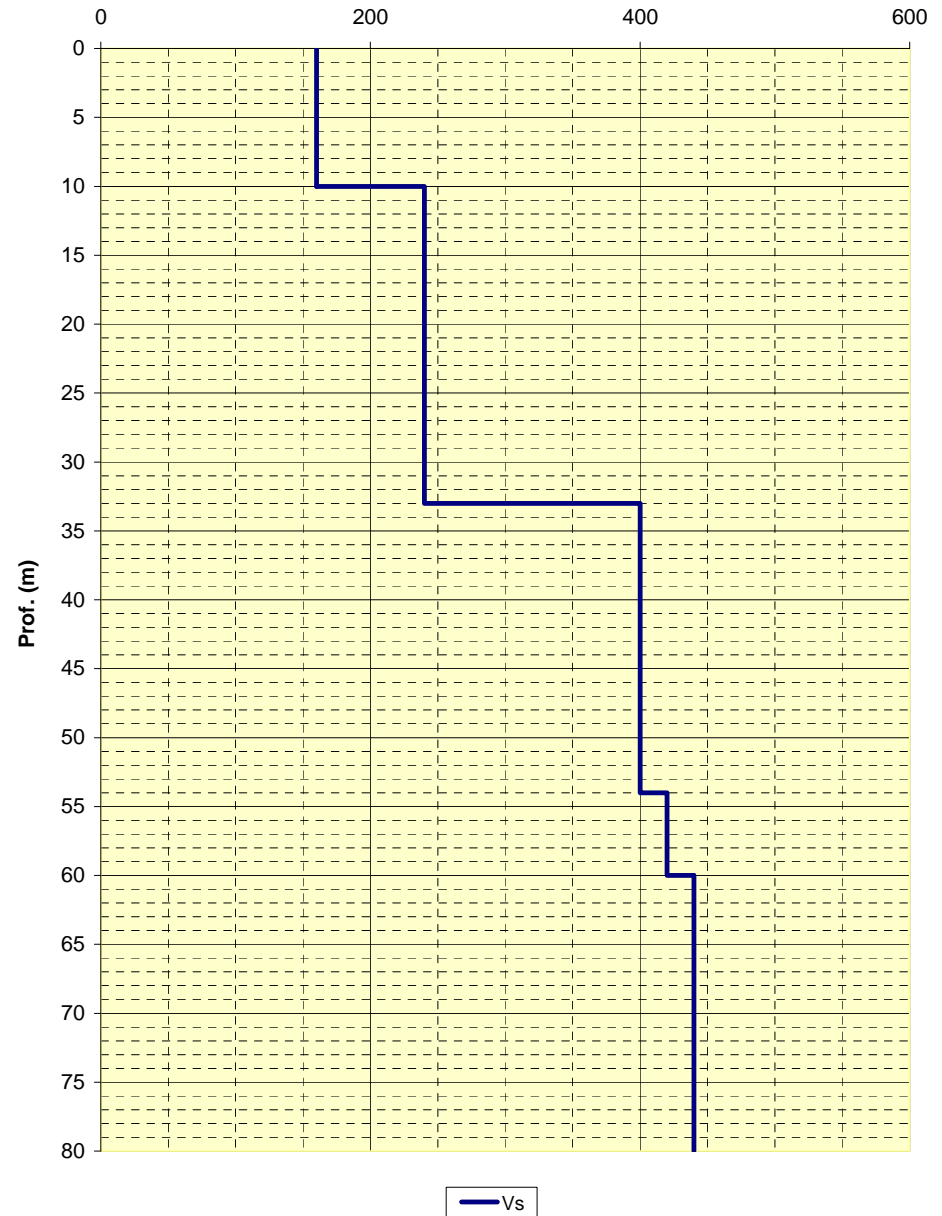
**Curva di dispersione**



Note:

Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	10	10	160
2	10	33	23	240
3	33	54	21	400
4	54	60	6	420
5	60	INF	INF	440
6				
7				
8				
9				
10				

**Modello interpretativo**  
**profilo Vs (m/s)**



**STUDIO GEOLOGICO CENTROGEO**  
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**INDAGINE Re.Mi./MASW**  
**24**

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comun. Bagnolo in Piano

DATA: 19-03-2013

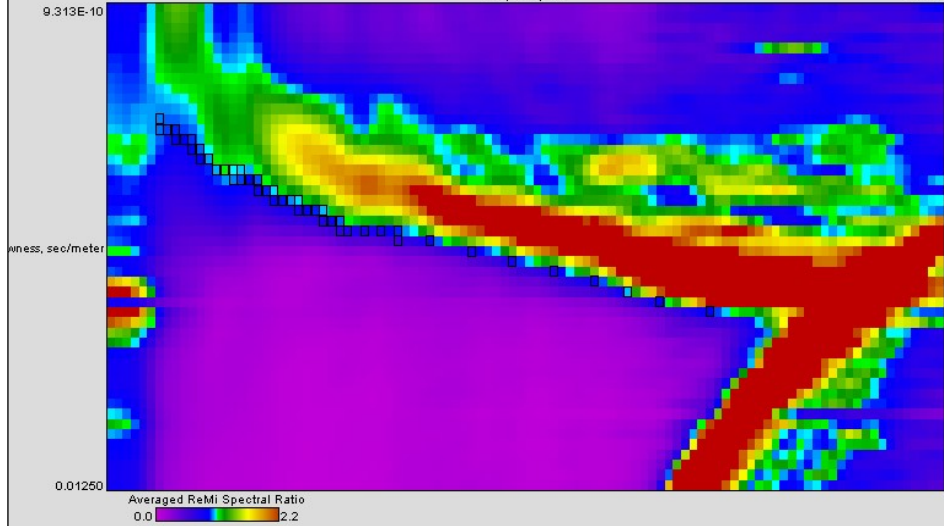
CANTIERE: Microzonazione sismica 2013

QUOTA: 31 m slm

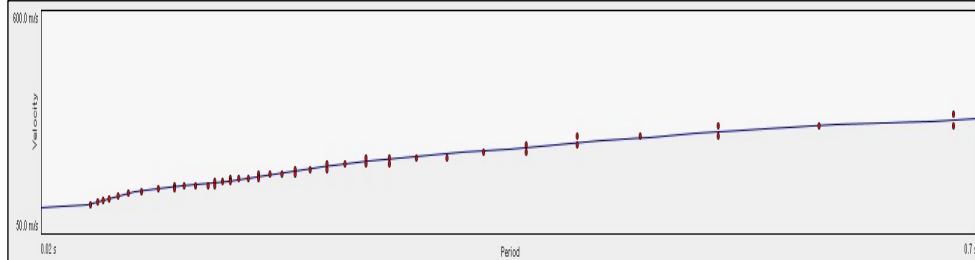
OPERATORI: Mazzetti M. - Arbizzi A.

**Spettro di potenza**

SRtopiSISIMCABAGNOLO-2013Bagnolo24101.sgy + Step 2, 3, 4, 5 - Piani: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19  
Frequency, Hz 24.902



**Curva di dispersione**

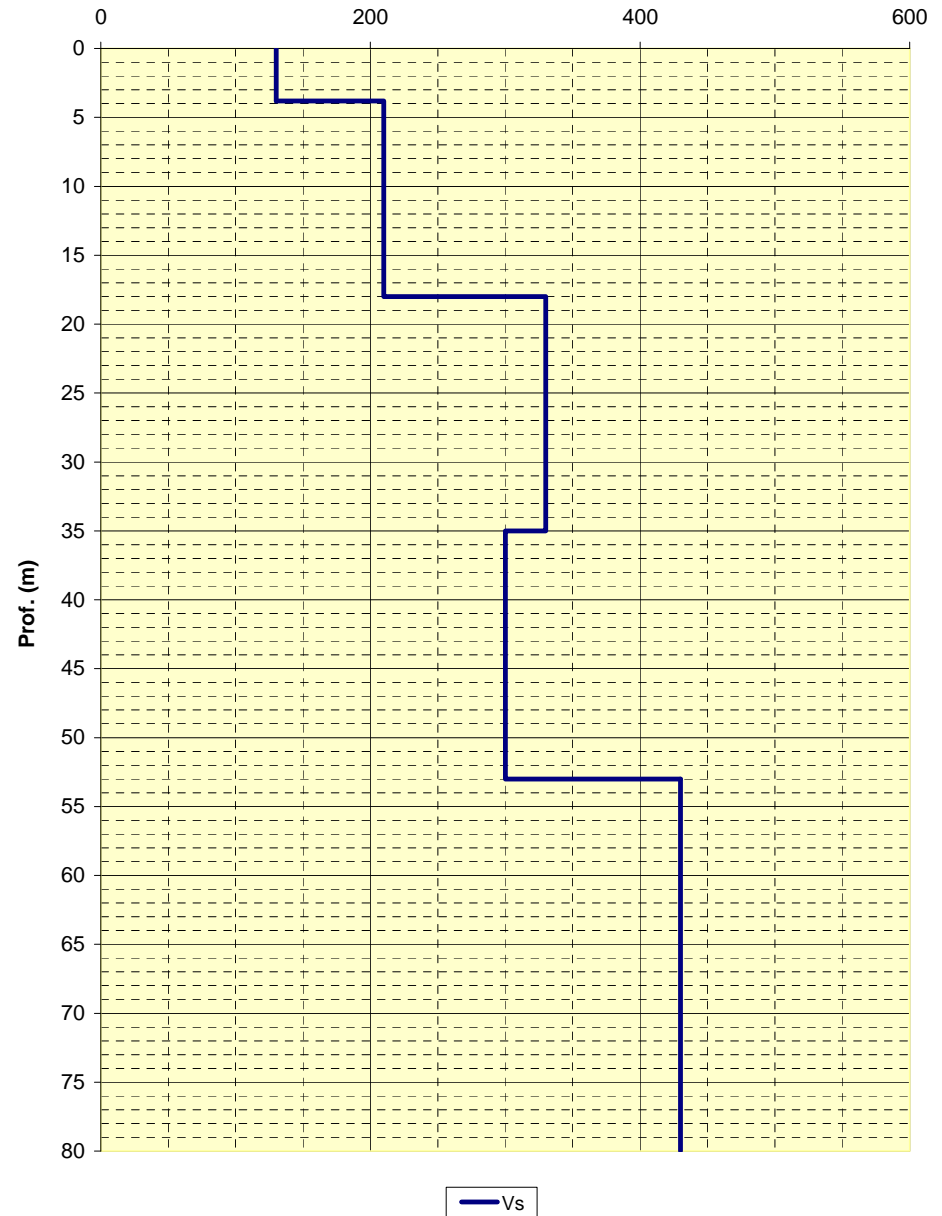


Note:

**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	3.8	3.8
2	3.8	18	14.2
3	18	35	17
4	35	53	18
5	53	INF	INF
6			
7			
8			
9			
10			

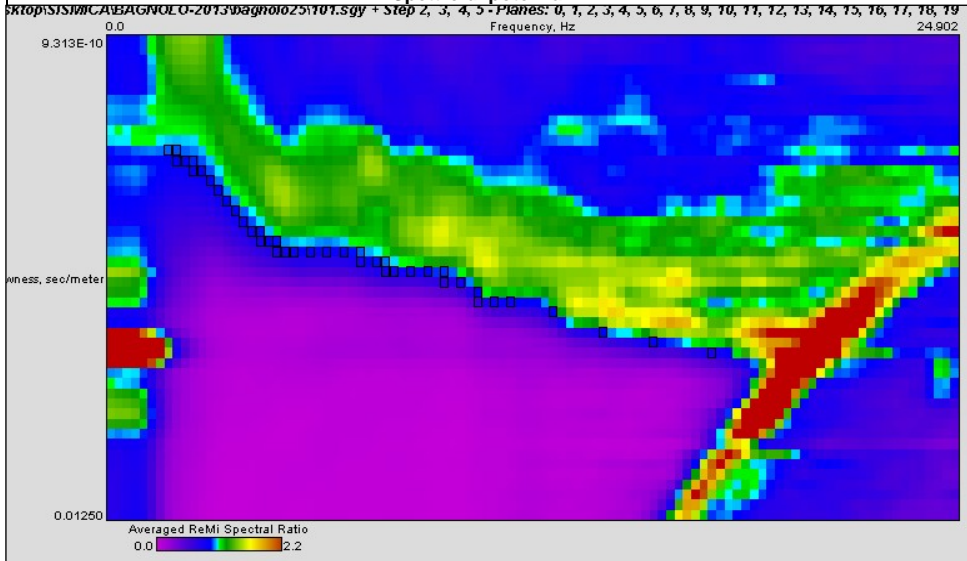
**Modello interpretativo**  
profilo Vs (m/s)



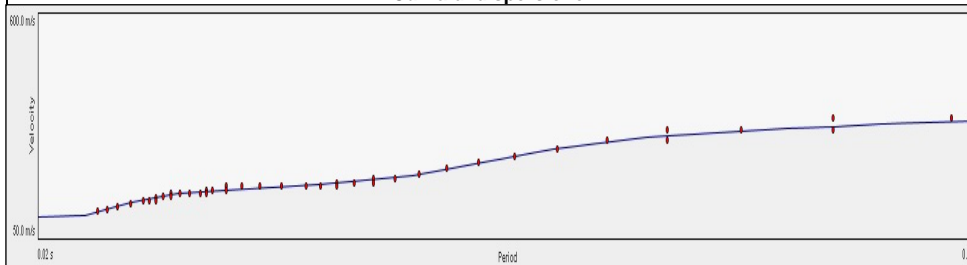
LOCALITA': Bagnolo in Piano (RE)  
DATA: 19-03-2013  
QUOTA: 31 m slm

COMMITTENTE: Amm. Comun. Bagnolo in Piano  
CANTIERE: Microzonazione sismica 2013  
OPERATORI: Mazzetti M. - Arbizzi A.

**Spettro di potenza**



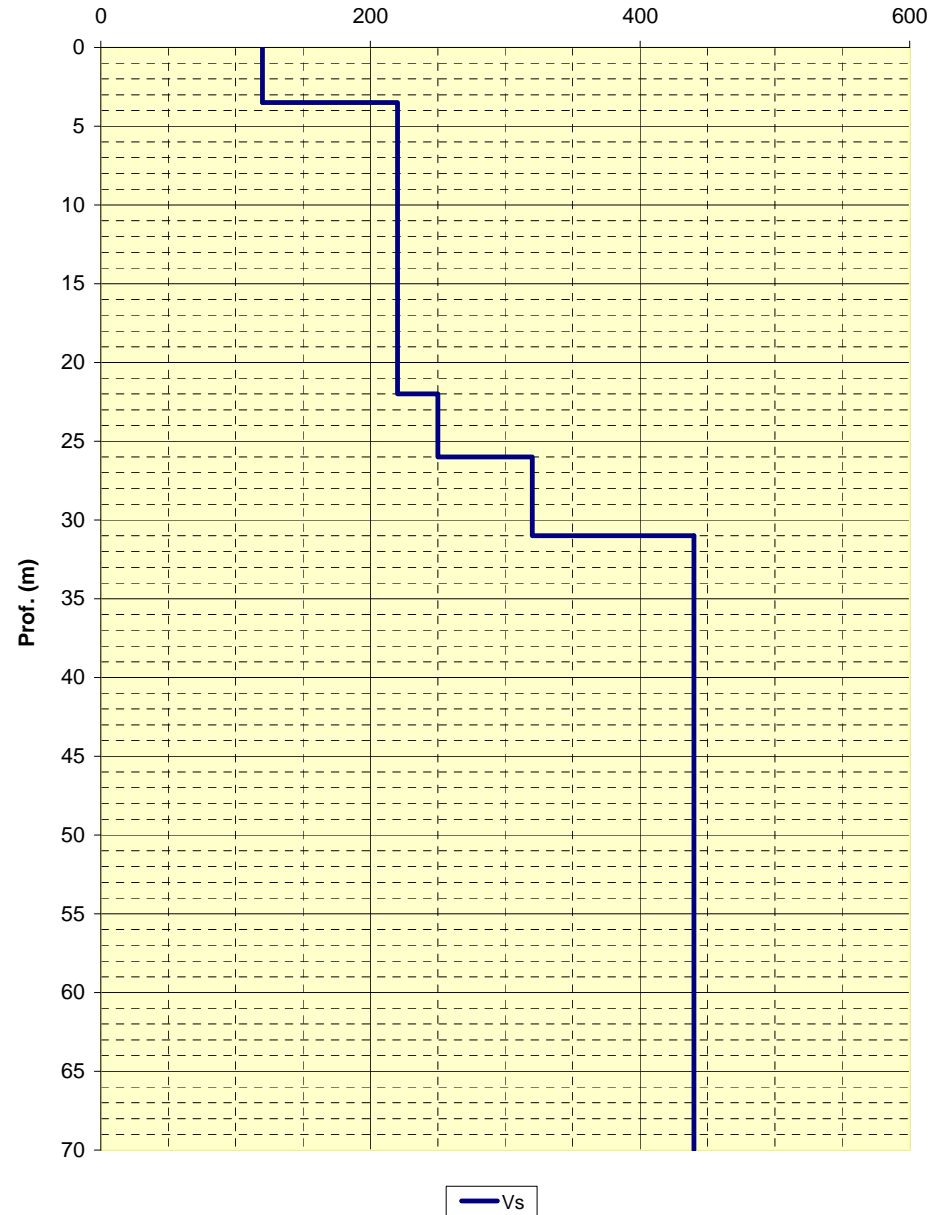
**Curva di dispersione**



**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	3.5	120
2	3.5	22	220
3	22	26	250
4	26	31	320
5	31	INF	440
6			
7			
8			
9			
10			

**Modello interpretativo**  
**profilo Vs (m/s)**





LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comun. Bagnolo in Piano

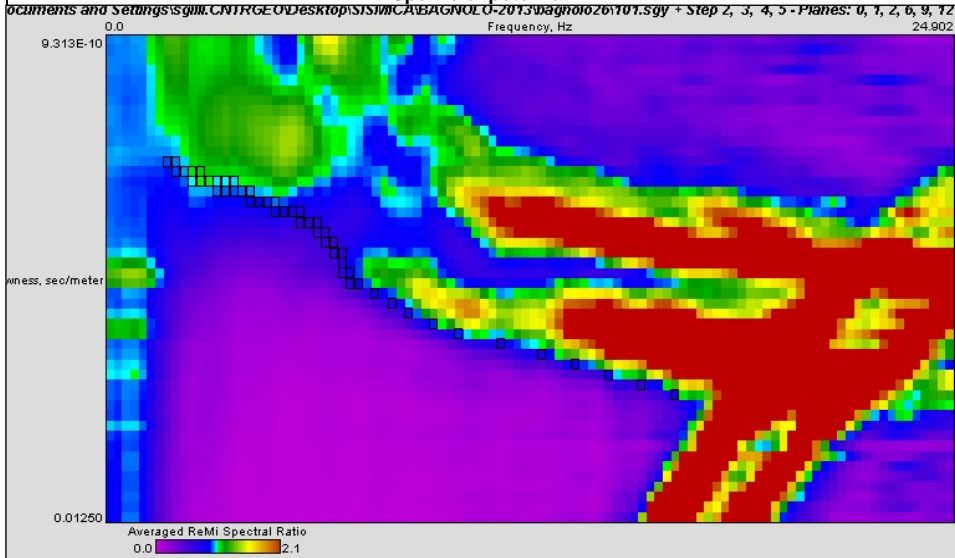
DATA: 19-03-2013

CANTIERE: Microzonazione sismica 2013

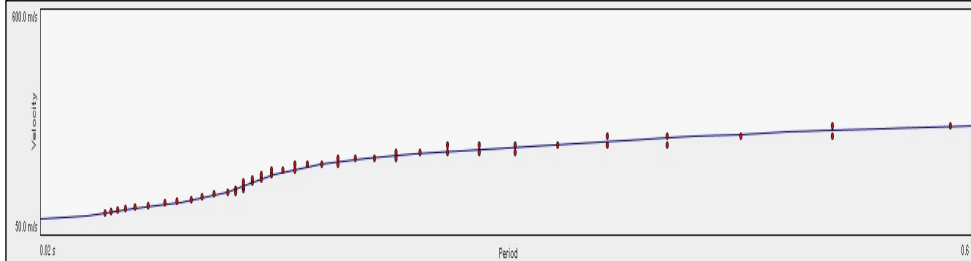
QUOTA: 30 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

**Spettro di potenza**



**Curva di dispersione**

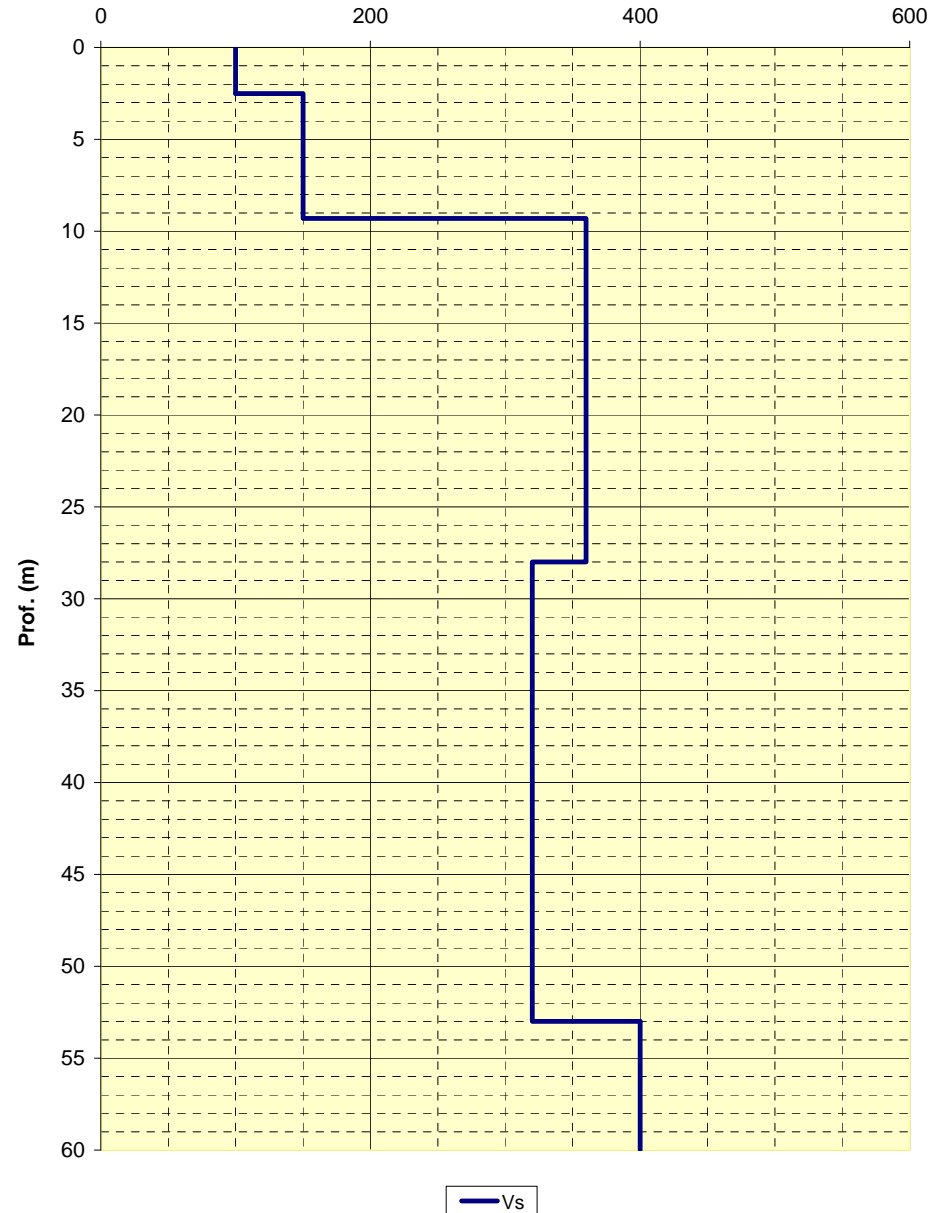


Note:

**Modello interpretativo**

Strato n°	Prof. (m)	Spess. (m)	Vs (m/s)
1	0	2.5	100
2	2.5	9.3	150
3	9.3	28	360
4	28	53	320
5	53	INF	400
6			
7			
8			
9			
10			

**Modello interpretativo**  
profilo Vs (m/s)



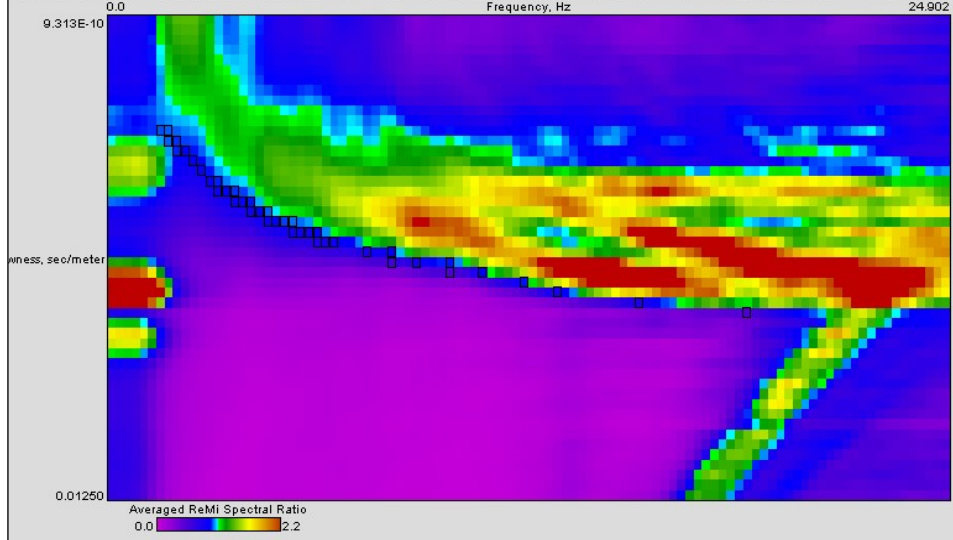
**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 Correggio (RE)

**INDAGINE Re.Mi./MASW**  
**27**

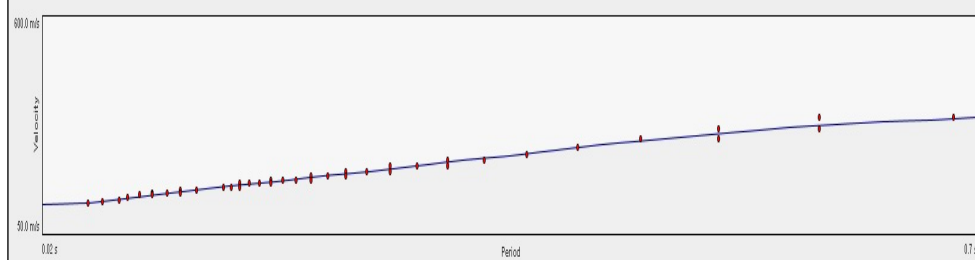
LOCALITA': Bagmolo in Piano (RE)      COMMITTENTE: Amm. Comun. Bagnolo in Piano  
DATA: 19-03-2013      CANTIERE: Microzonazione sismica 2013  
QUOTA: 31 m slm      OPERATORI: Mazzetti M. - Arbizzi A.

**Spettro di potenza**

SKtopiSISMI/CABAGNOLO-2013/bagnolo27/101.sgy + Step 2, 3, 4, 5 - Planes: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19



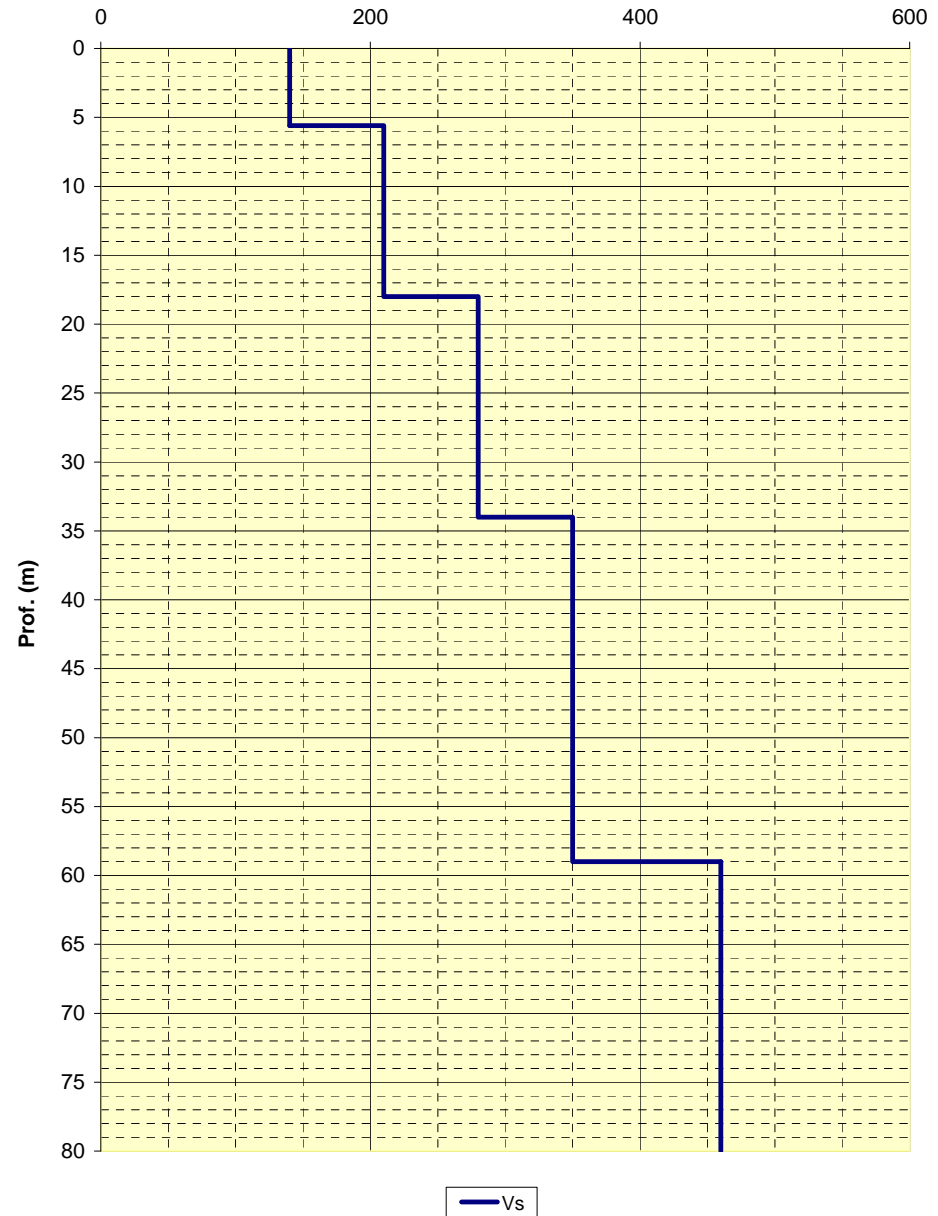
**Curva di dispersione**



Note:

Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	5.6	5.6	140
2	5.6	18	12.4	210
3	18	34	16	280
4	34	59	25	350
5	59	INF	INF	460
6				
7				
8				
9				
10				

**Modello interpretativo**  
**profilo Vs (m/s)**



LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Comun. Bagnolo in Piano

DATA: 21-03-2013

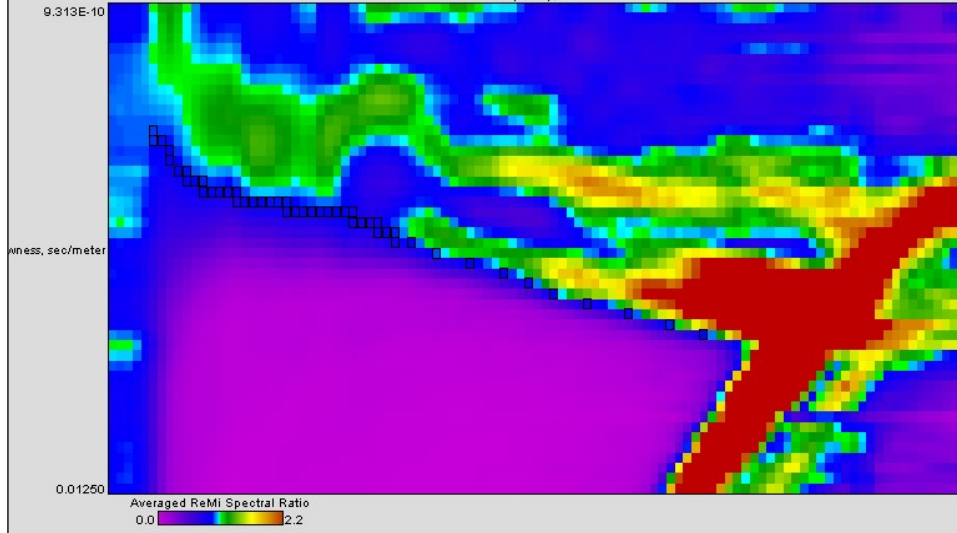
CANTIERE: Microzonazione sismica 2013

QUOTA: 31 m slm

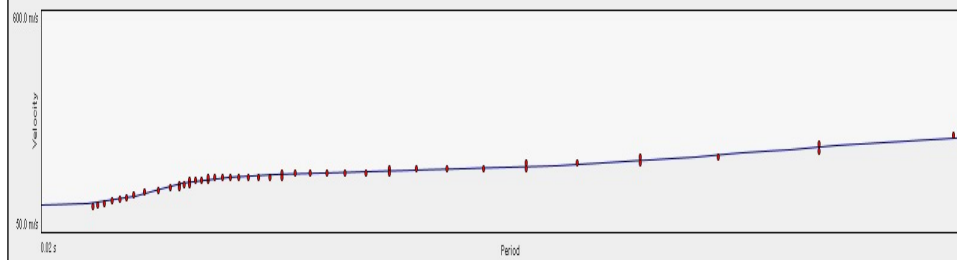
OPERATORI: Mazzetti M. - Arbizzi A.

**Spettro di potenza**

SRtopSISMCA/BAGNOLO-2013/Bagnolo28/01.sgy + Step 2, 3, 4, 5 - Piani: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19



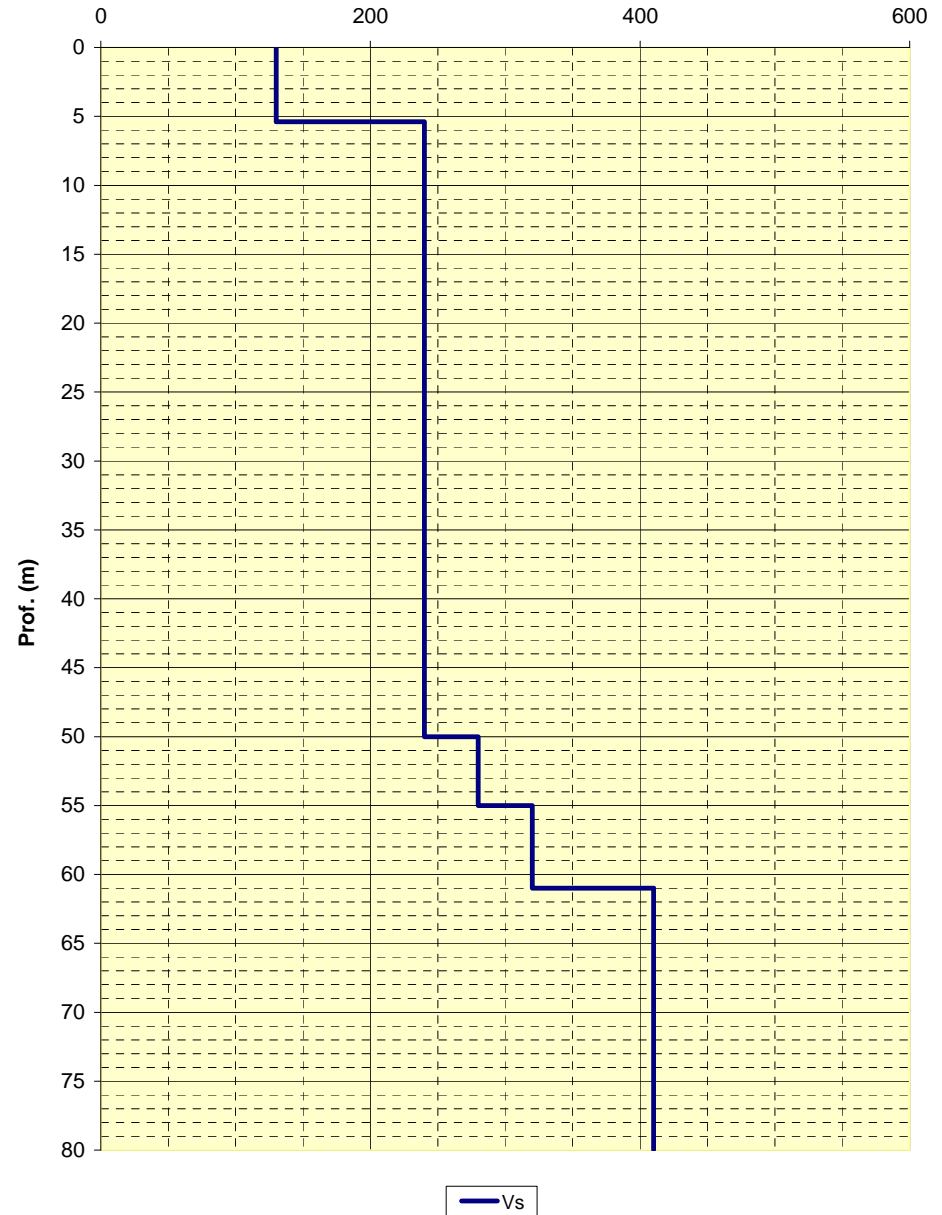
**Curva di dispersione**



Note:

Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	5.4	5.4	130
2	5.4	50	44.6	240
3	50	55	5	280
4	55	61	6	320
5	61	INF	INF	410
6				
7				
8				
9				
10				

**Modello interpretativo**  
profilo Vs (m/s)



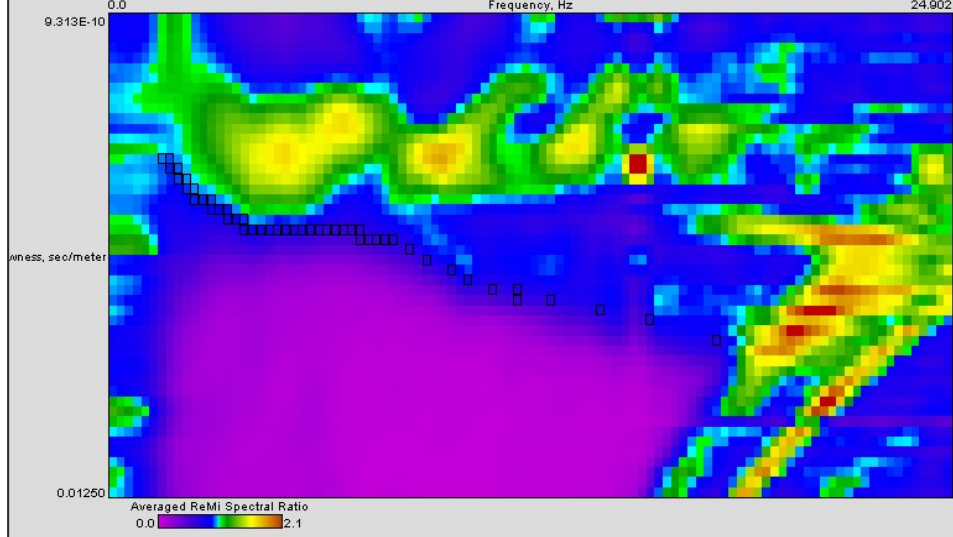


LOCALITA': Bagnolo in Piano (RE)  
DATA: 21-03-2013  
QUOTA: 29 m slm

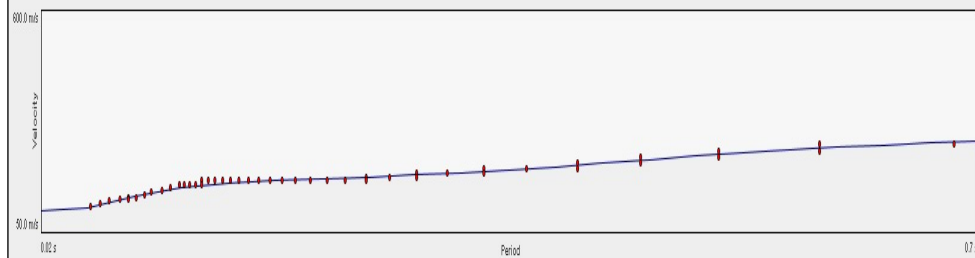
COMMITTENTE: Amm. Comun. Bagnolo in Piano  
CANTIERE: Microzonazione sismica 2013  
OPERATORI: Mazzetti M. - Arbizzi A.

**Spettro di potenza**

sktop\SISMICA\BAGNOLO-2013\Bagnolo29\T01.sgy + Step 2, 3, 4, 5 - Planes: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19



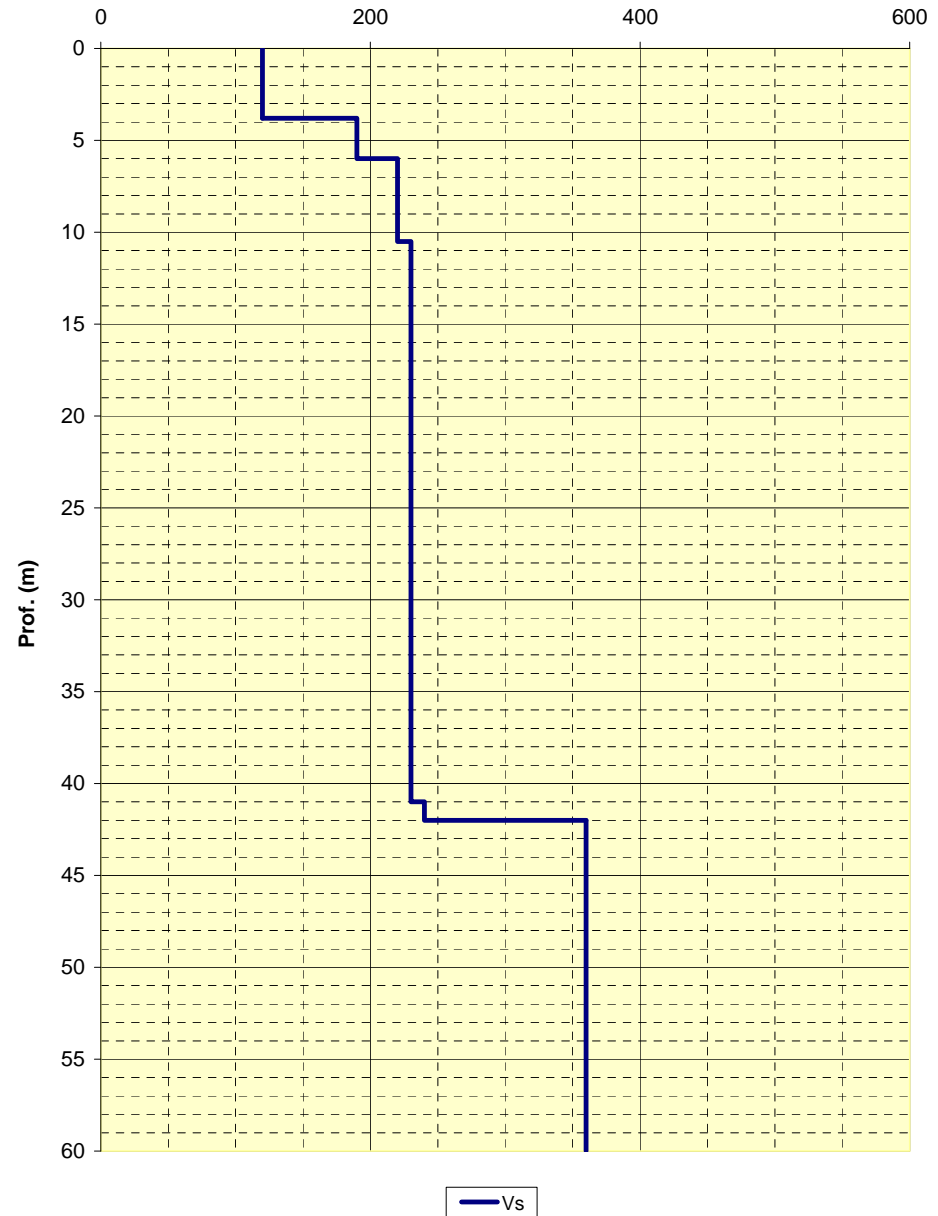
**Curva di dispersione**



Note:

Modello interpretativo				
Strato n°	Prof. (m)		Spess. (m)	Vs (m/s)
1	0	3.8	3.8	120
2	3.8	6	2.2	190
3	6	10.5	4.5	220
4	10.5	41	30.5	230
5	41	42	1	240
6	42	INF	INF	360
7				
8				
9				
10				

**Modello interpretativo**  
**profilo Vs (m/s)**



# INDAGINI HVSR

***STUDIO GEOLOGICO CENTROGEO***

*42015 Correggio (RE) - Piazza S. Quirino, 6 - tel 0522/641001 - Fax: 632162*

**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H01

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 08-09-2008

CANTIERE: Microzonazione sismica 2013

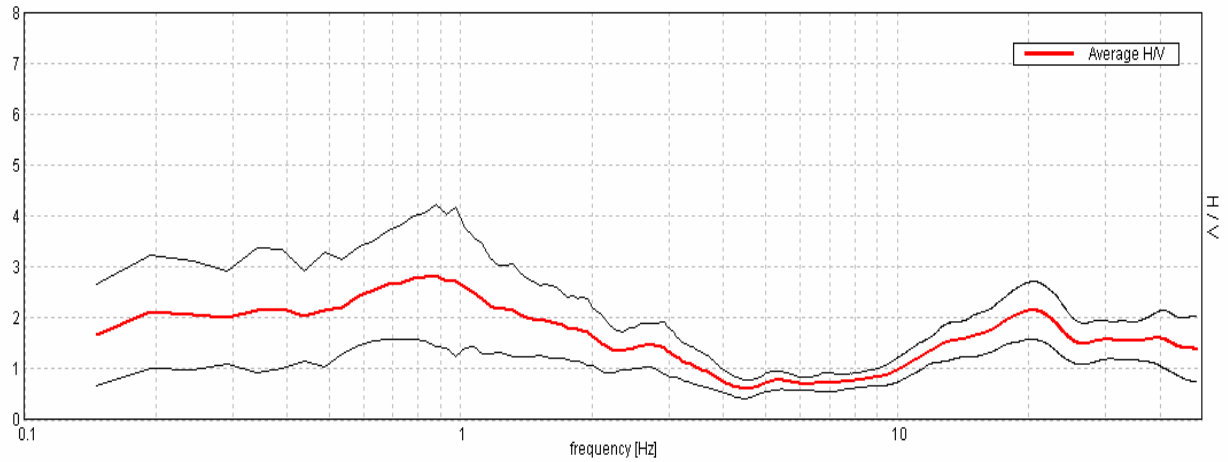
QUOTA: 30,6 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

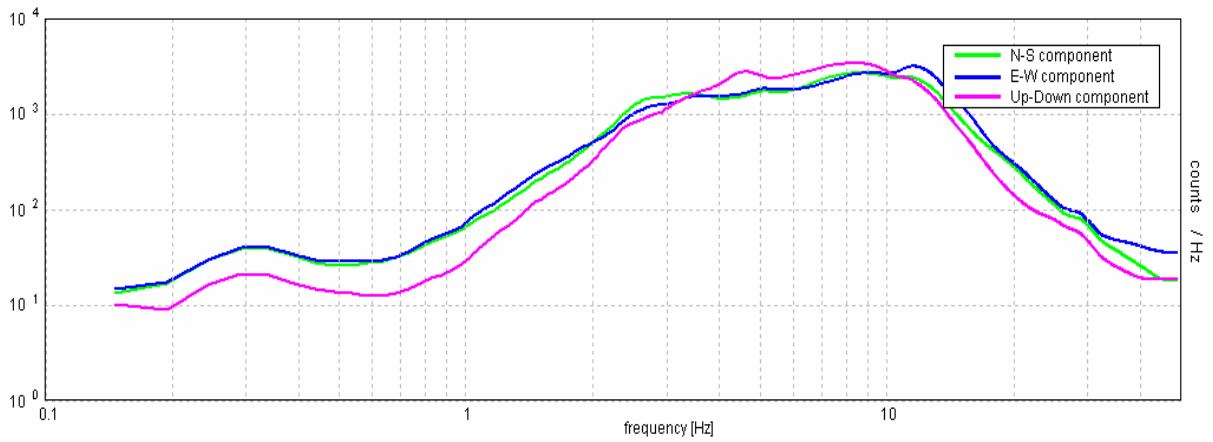
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

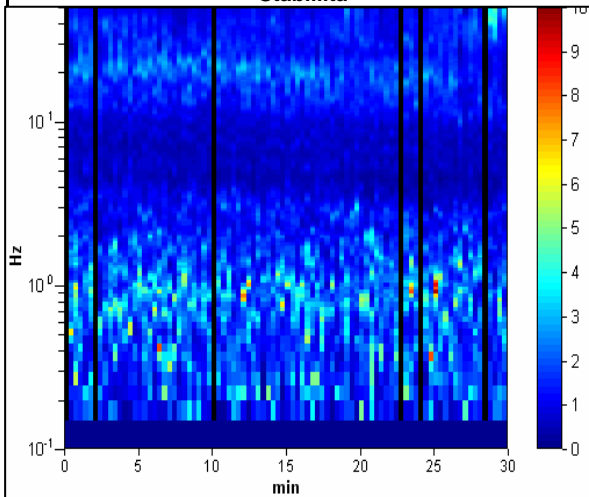
Max. HVV at  $0.88 \pm 0.09$  Hz. (In the range 0.0 - 30.0 Hz).



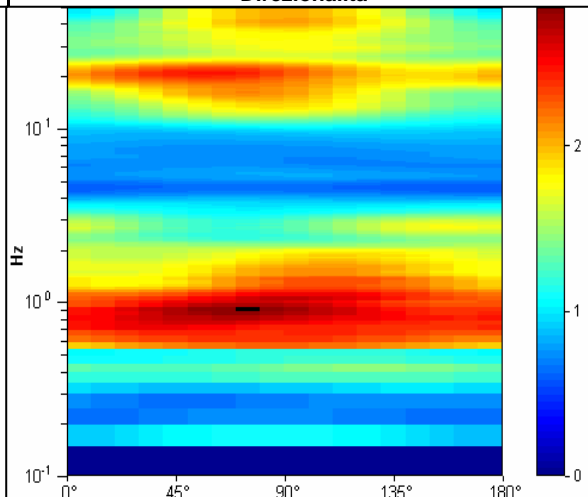
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H02

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 08-09-2008

CANTIERE: Microzonazione sismica 2013

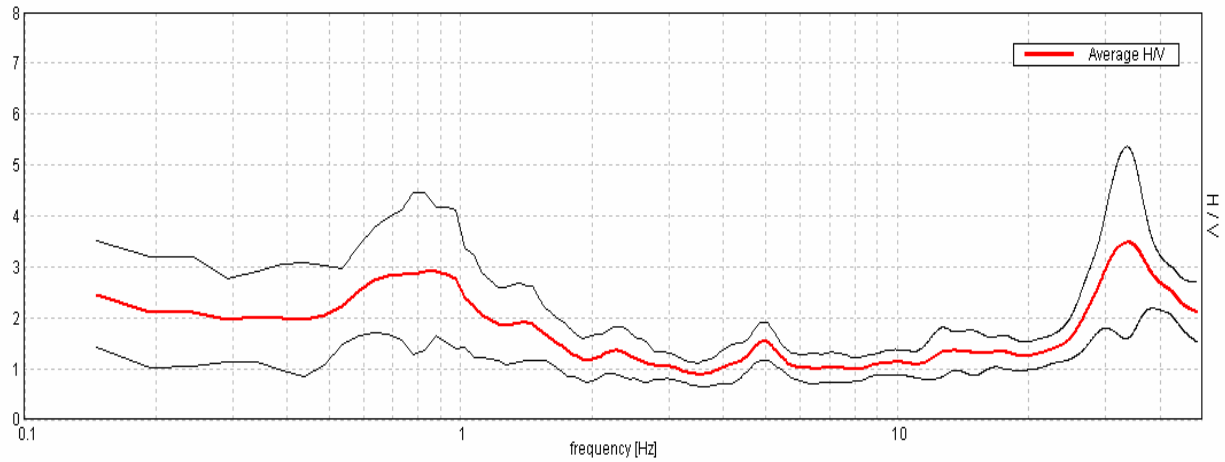
QUOTA: 28 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

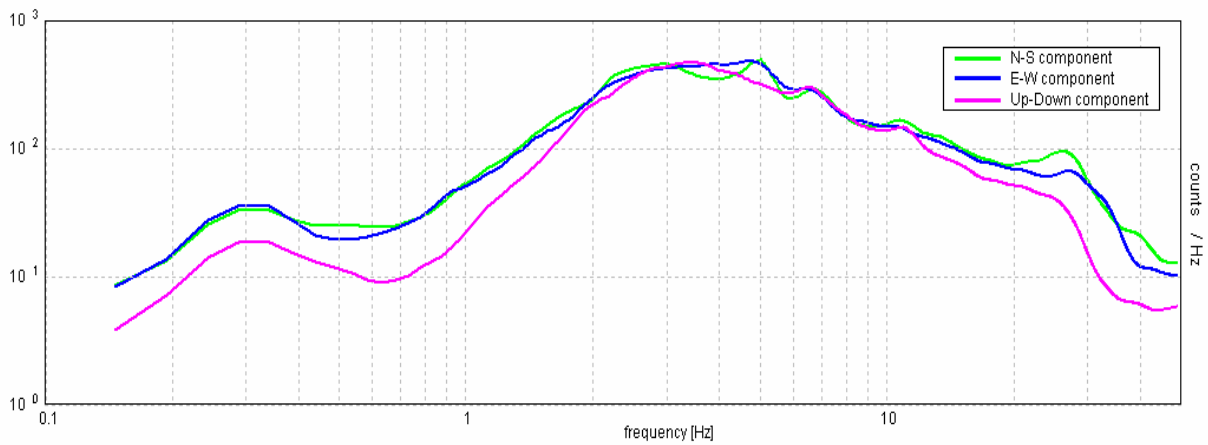
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

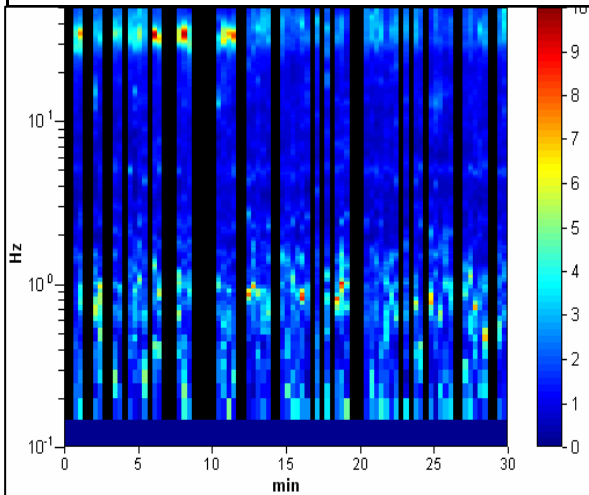
Max. H/V at 0.88 ± 26.64 Hz. (In the range 0.0 - 30.0 Hz).



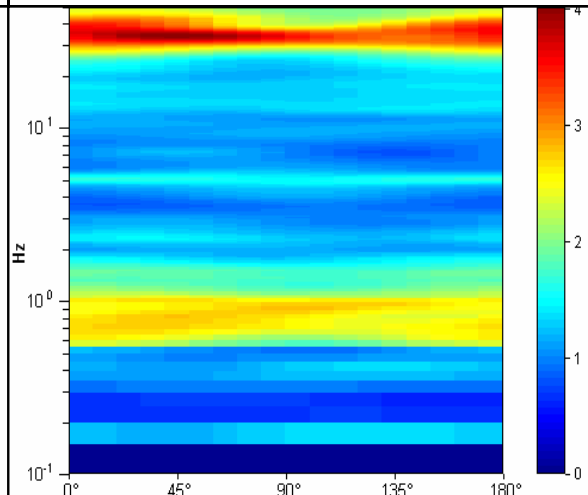
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H03

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 08-09-2008

CANTIERE: Microzonazione sismica 2013

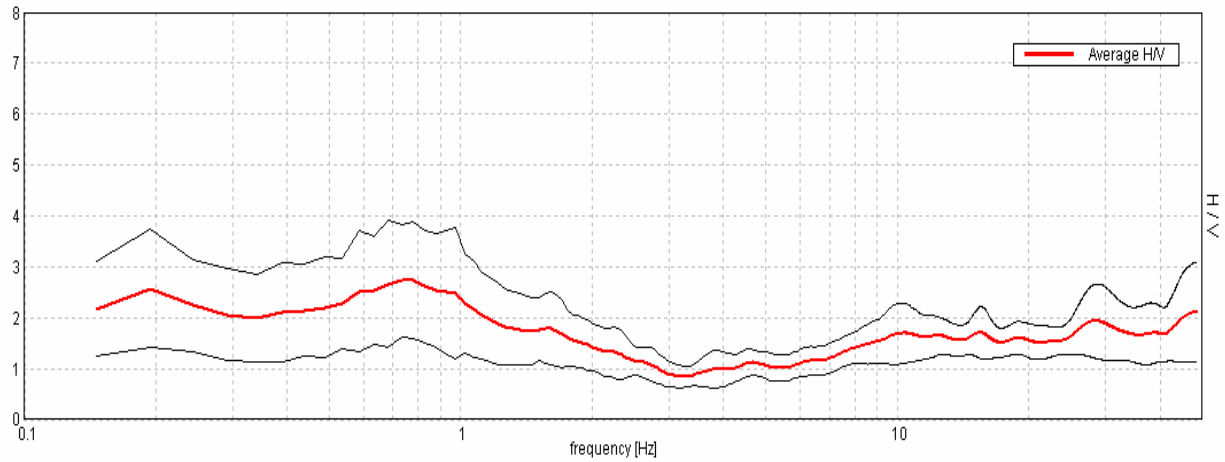
QUOTA: 28,5 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

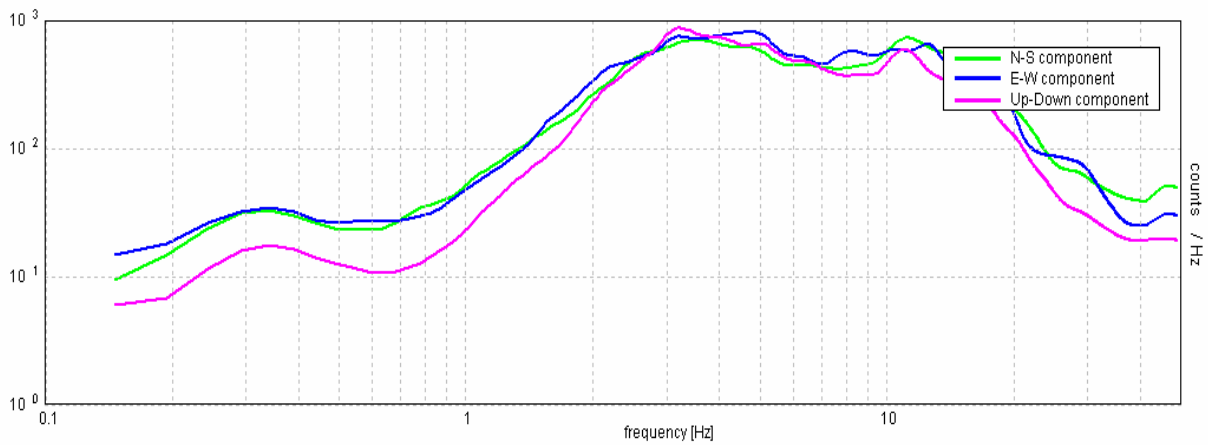
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

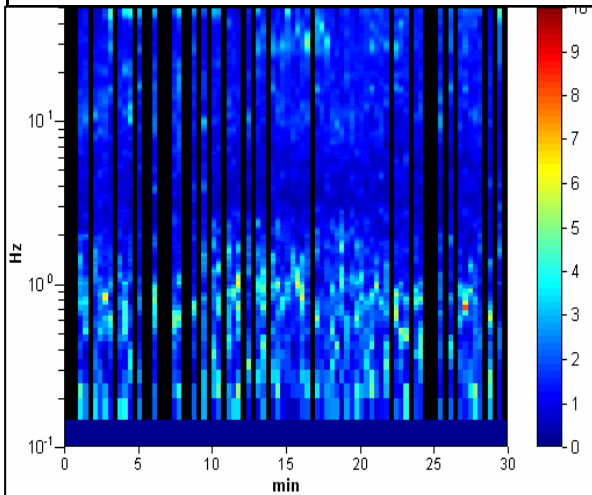
Max. HV at  $0.78 \pm 0.21$  Hz. (In the range 0.0 - 30.0 Hz).



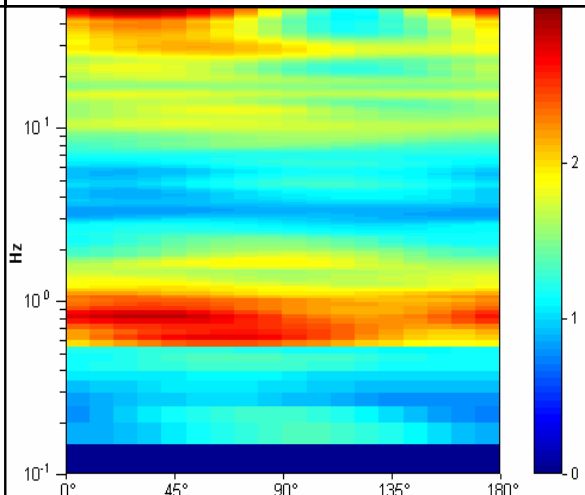
## Ampiezza spettrale



## Stabilità



## Direzionalità



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# INDAGINE HVSR H04

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 08-09-2008

CANTIERE: Microzonazione sismica 2013

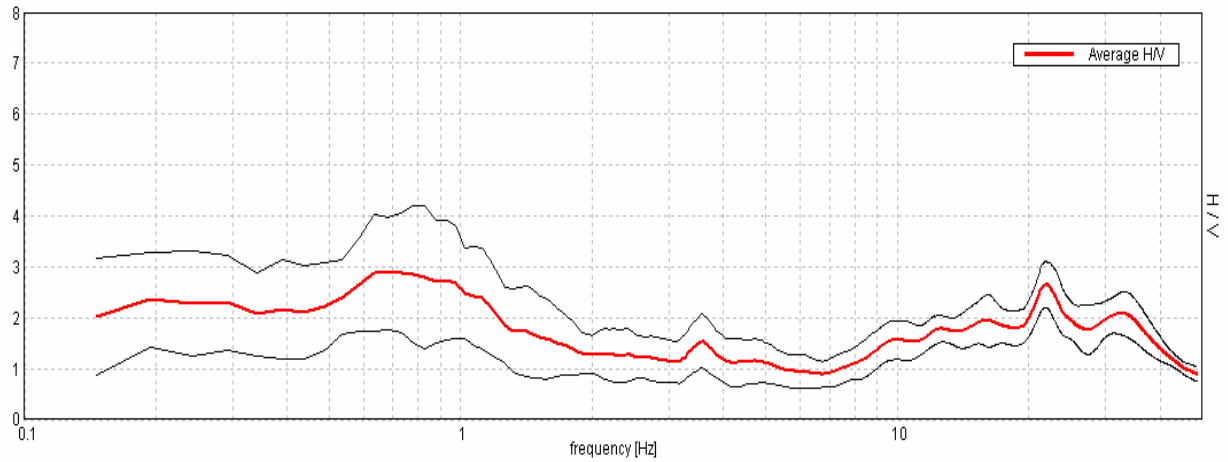
QUOTA: 28 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

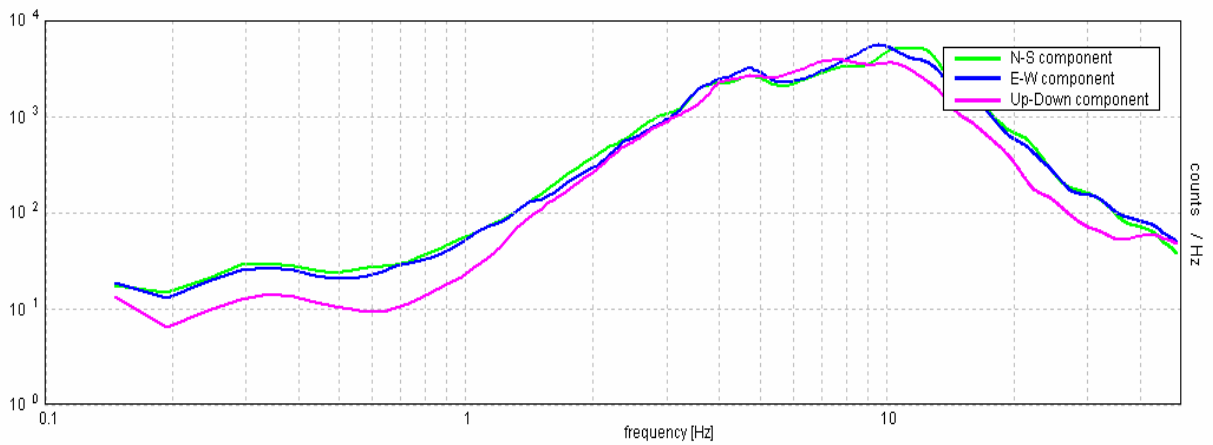
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

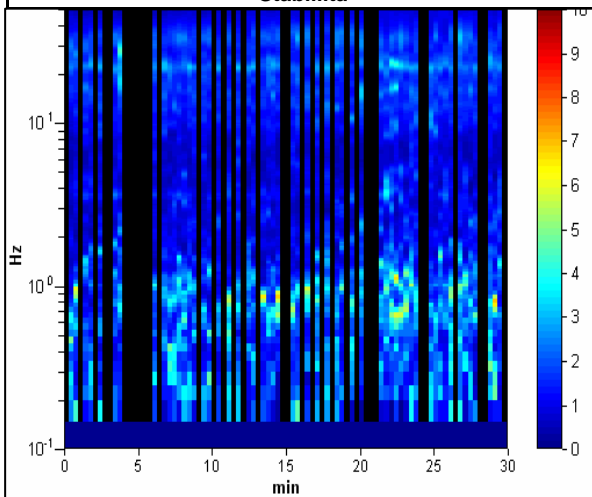
Max. H/V at  $0.73 \pm 11.73$  Hz. (In the range 0.0 - 30.0 Hz).



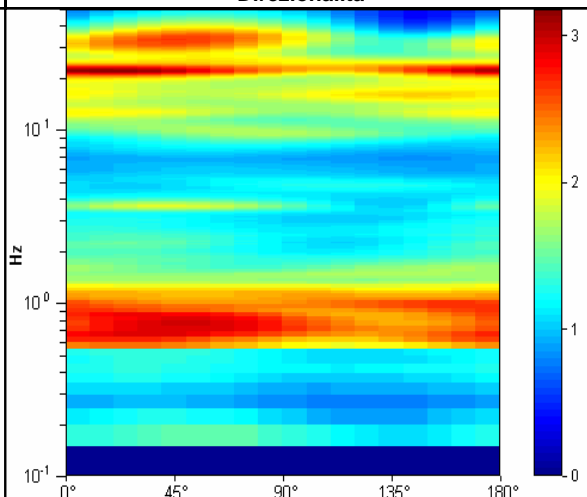
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H05

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 08-09-2008

CANTIERE: Microzonazione sismica 2013

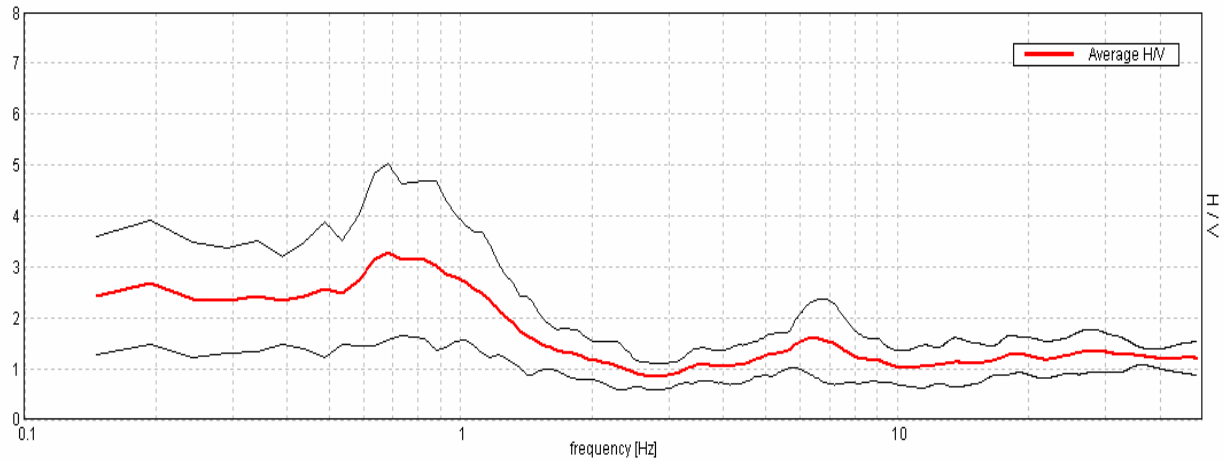
QUOTA: 23,9 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

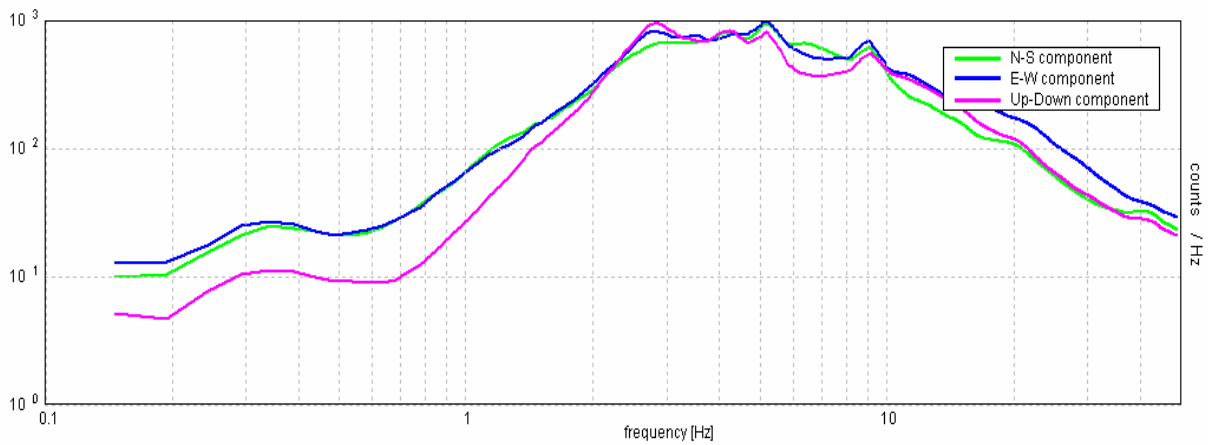
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

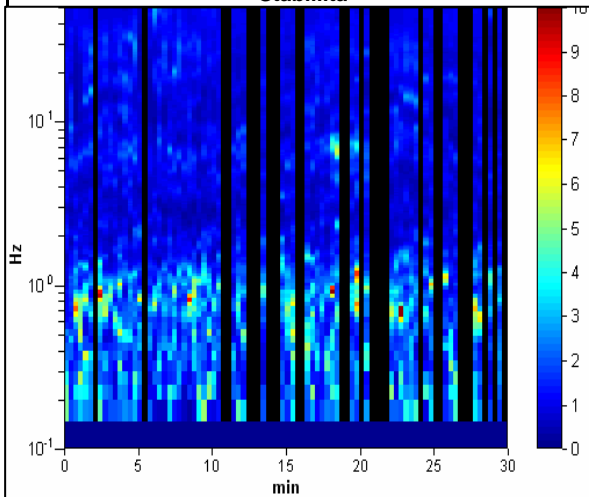
Max. HVV at  $0.68 \pm 0.14$  Hz. (In the range 0.0 - 30.0 Hz).



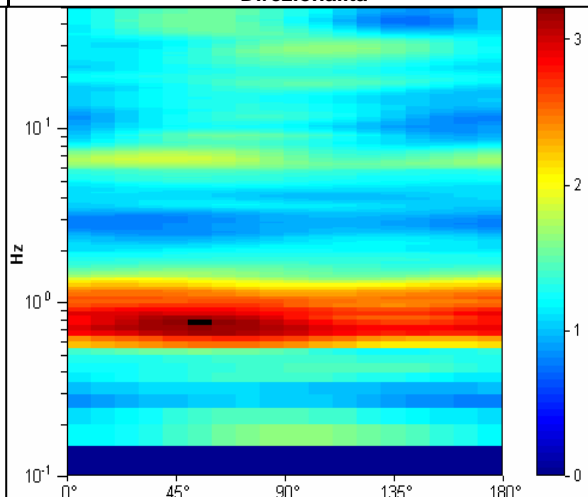
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H06

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 14-05-2013

CANTIERE: Microzonazione sismica 2013

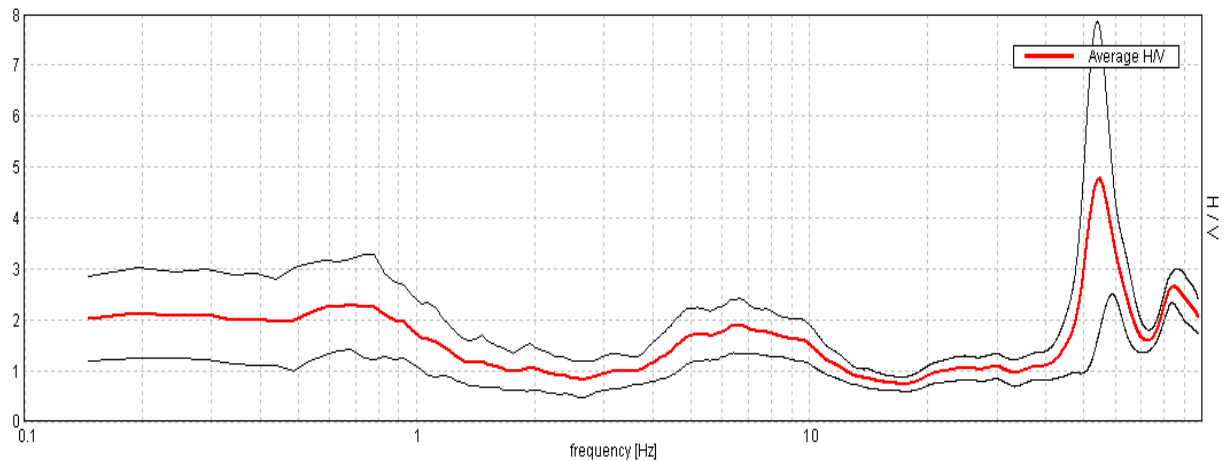
QUOTA: 27,3 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

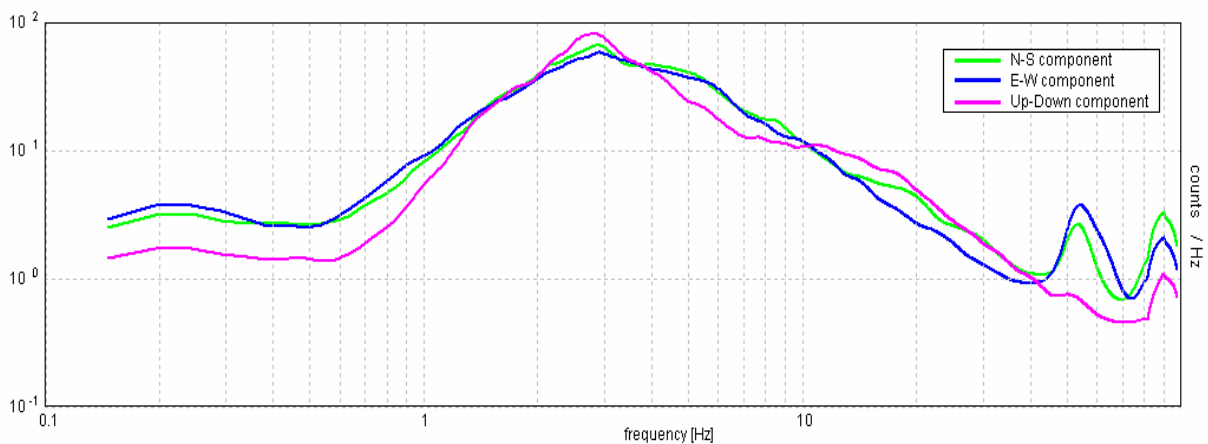
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

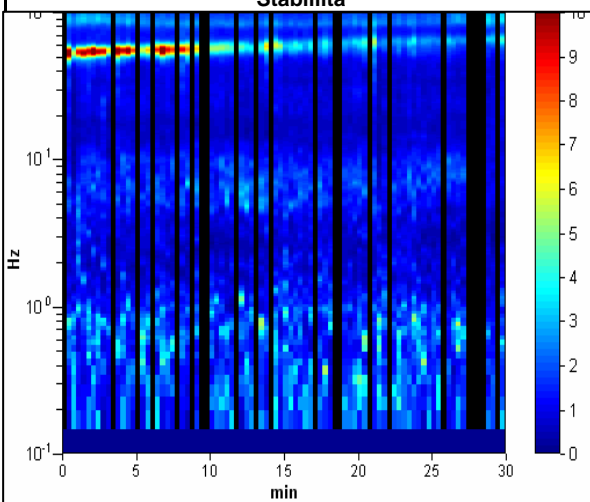
Max. HV at  $0.68 \pm 0.09$  Hz. (In the range 0.0 - 30.0 Hz).



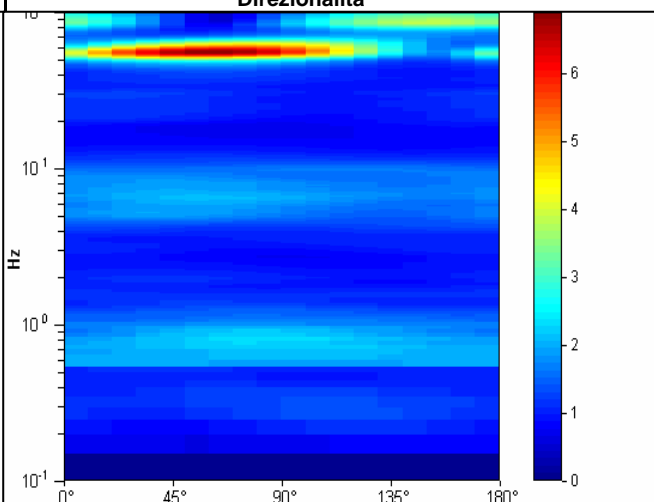
## Ampiezza spettrale



## Stabilità



## Direzionalità





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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H07

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 09-09-2008

CANTIERE: Microzonazione sismica 2013

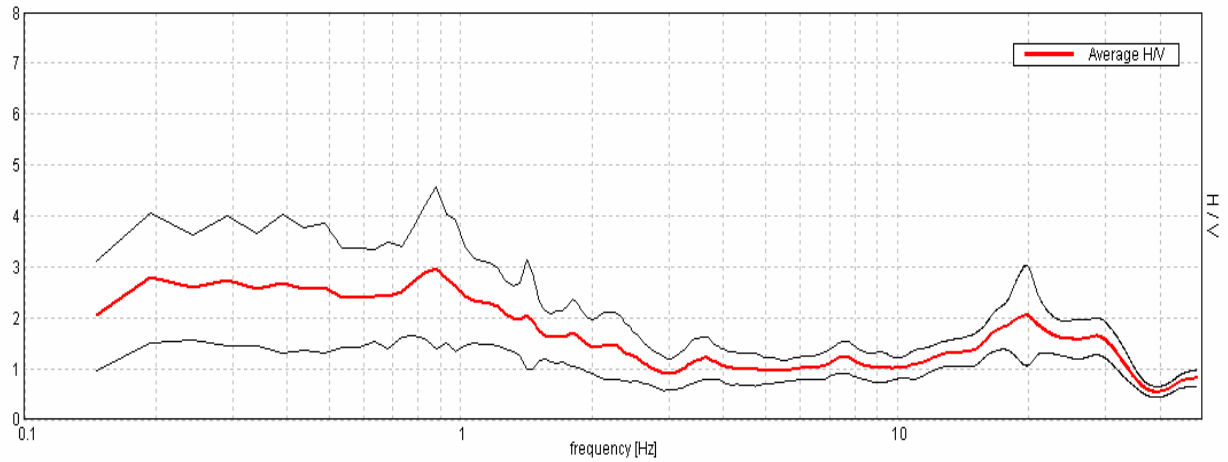
QUOTA: 27 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

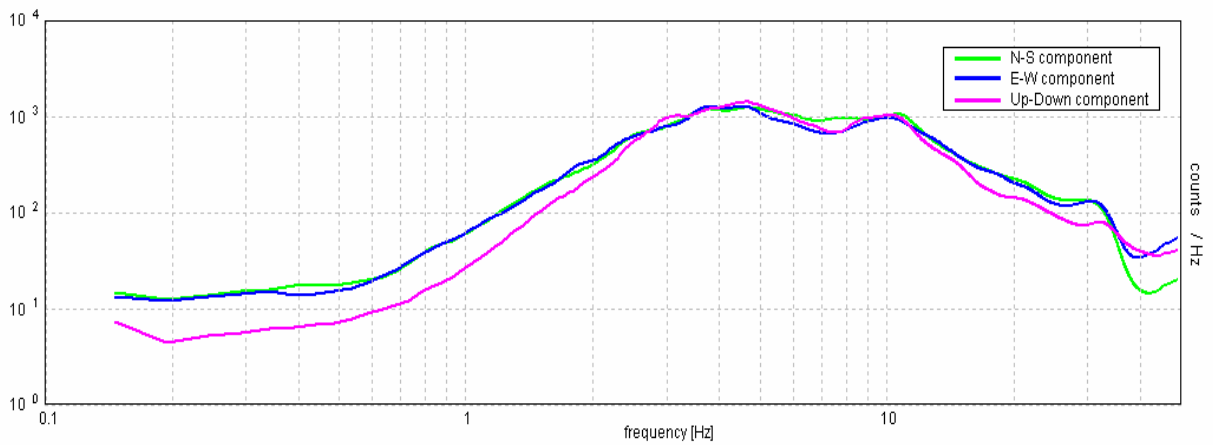
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

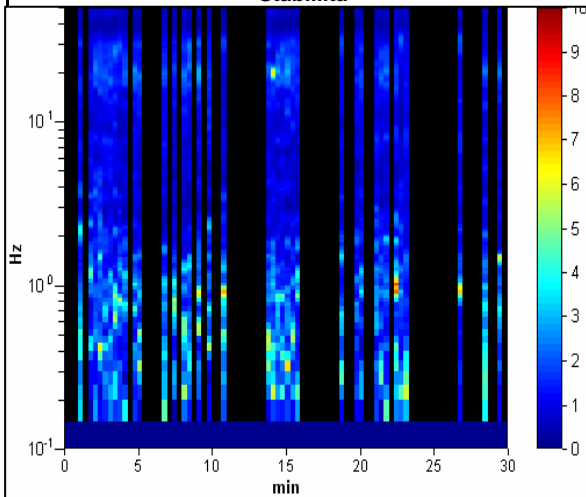
Max. HV at  $0.88 \pm 0.38$  Hz. (In the range 0.0 - 30.0 Hz).



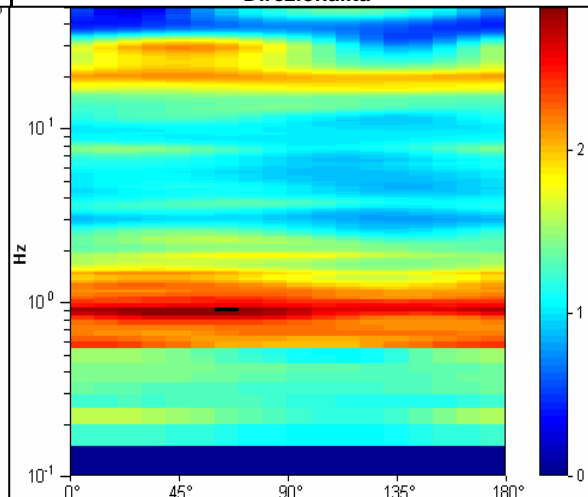
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H08

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 09-09-2008

CANTIERE: Microzonazione sismica 2013

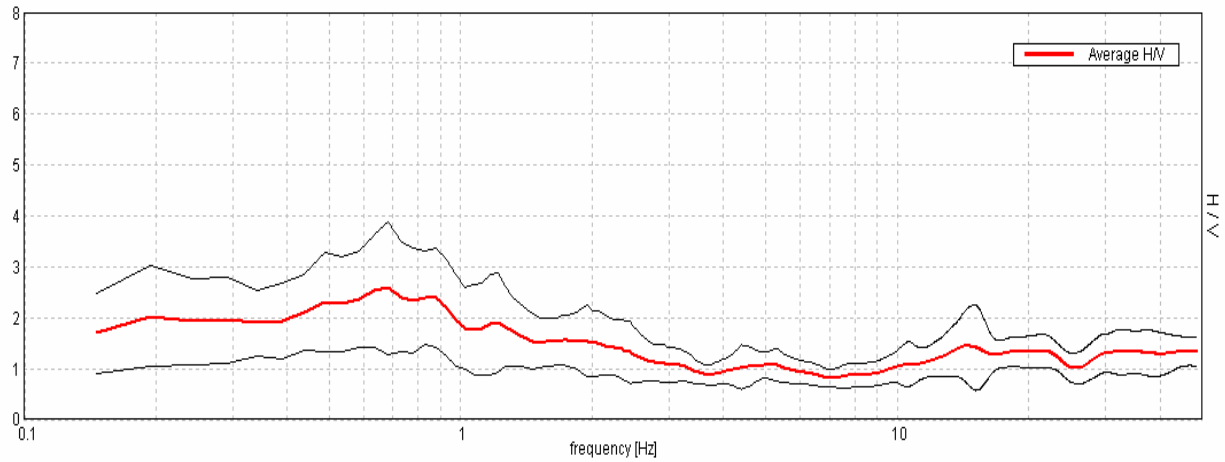
QUOTA: 32 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

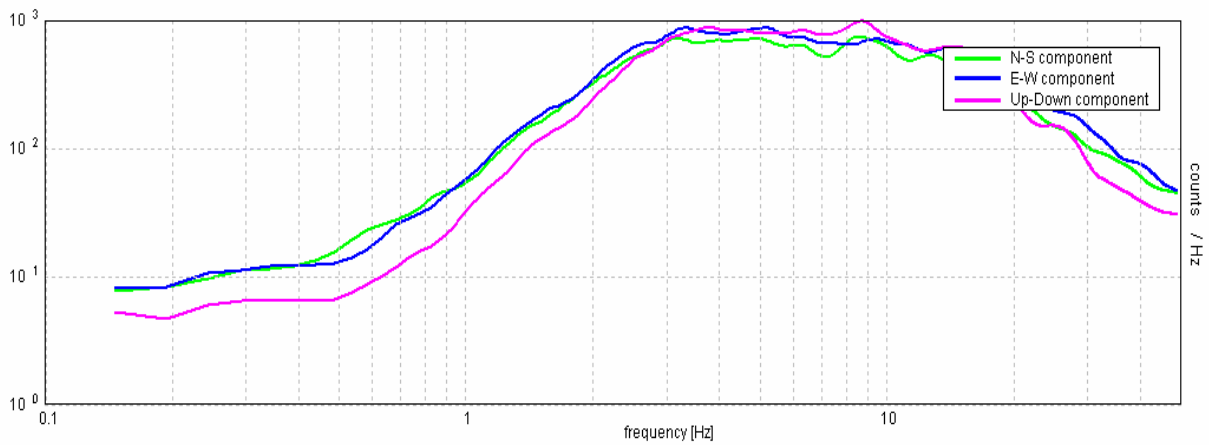
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

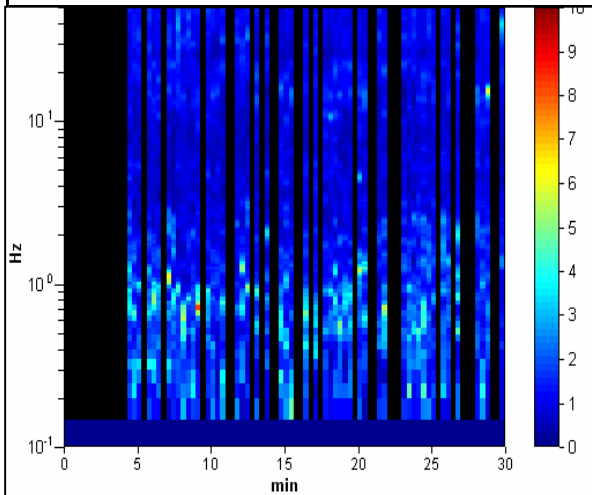
Max. HV at  $0.68 \pm 0.14$  Hz. (In the range 0.0 - 30.0 Hz).



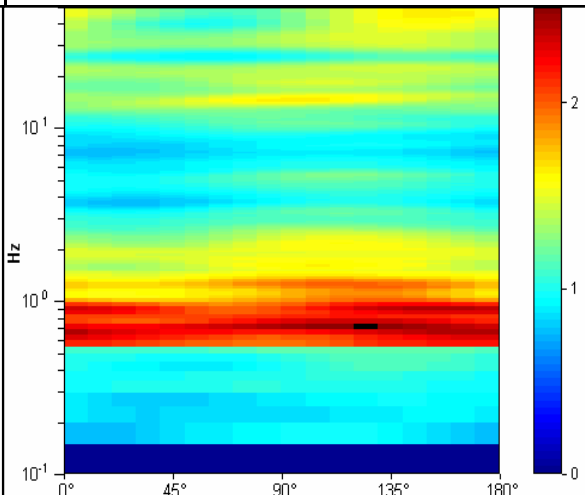
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H09

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 14-05-2013

CANTIERE: Microzonazione sismica 2013

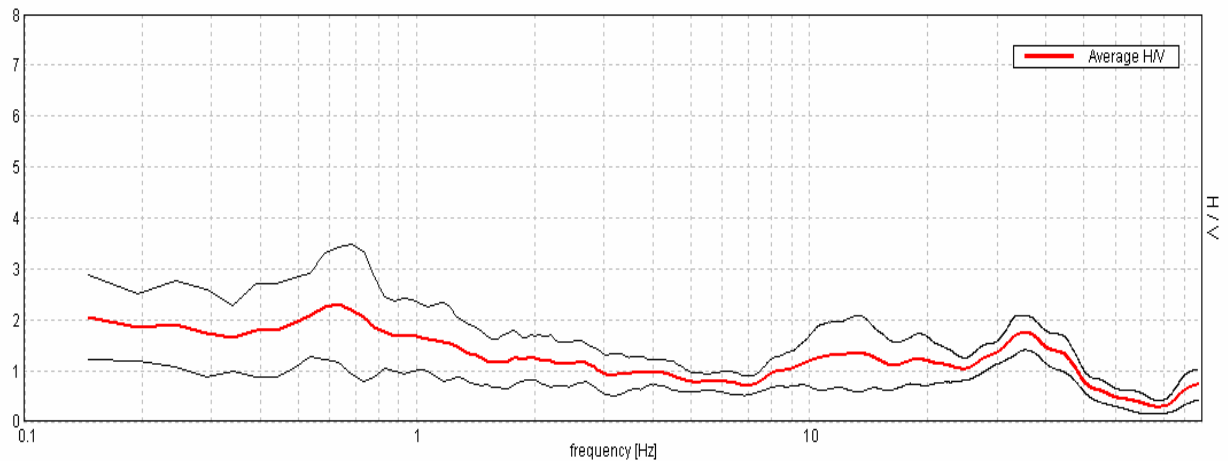
QUOTA: 29,5 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

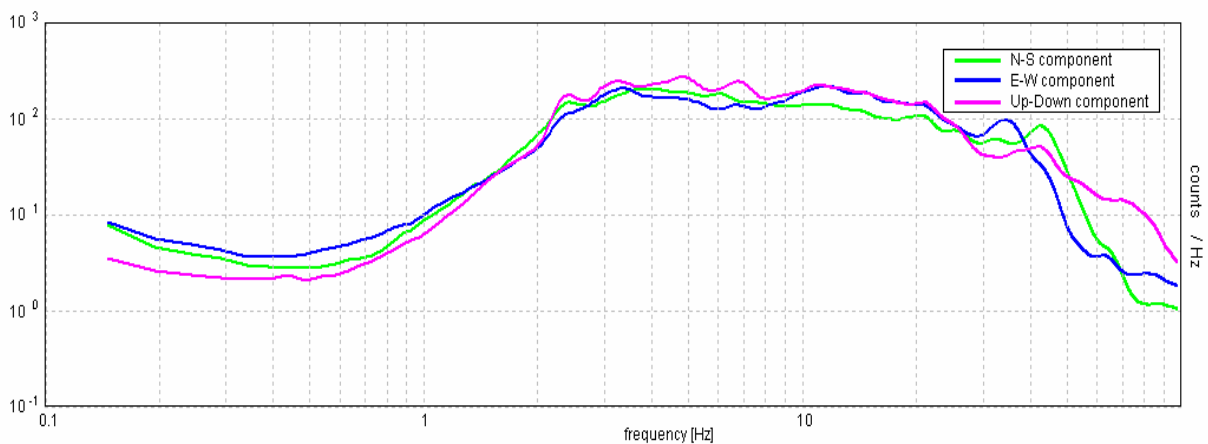
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

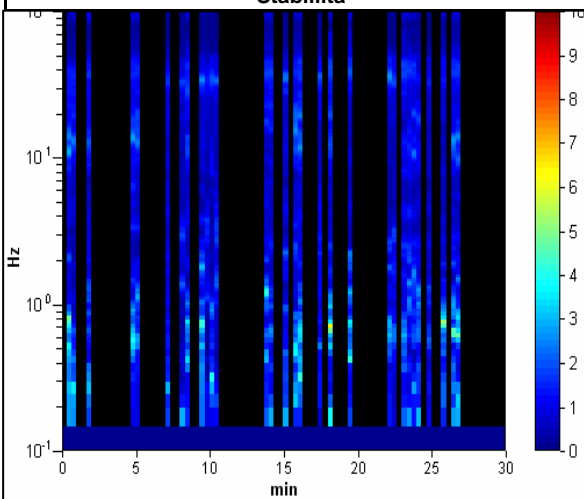
Max. HV at  $0.63 \pm 0.28$  Hz. (In the range 0.0 - 30.0 Hz).



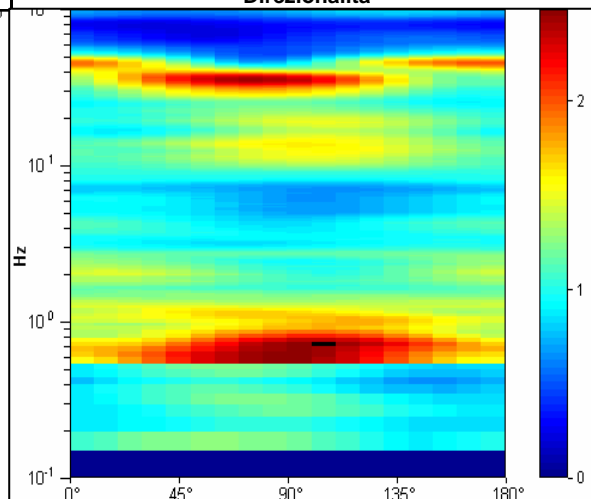
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H10

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 09-09-2008

CANTIERE: Microzonazione sismica 2013

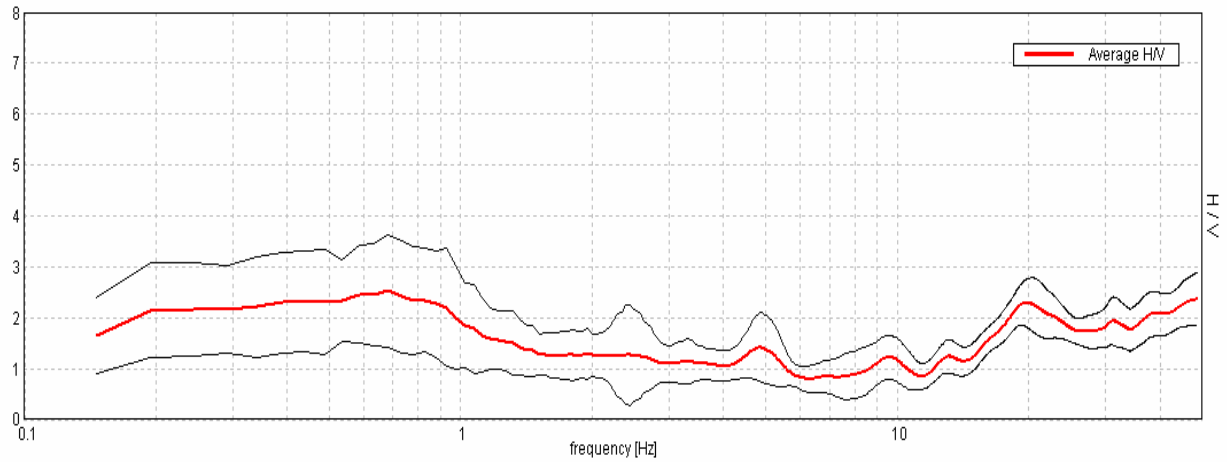
QUOTA: 29 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

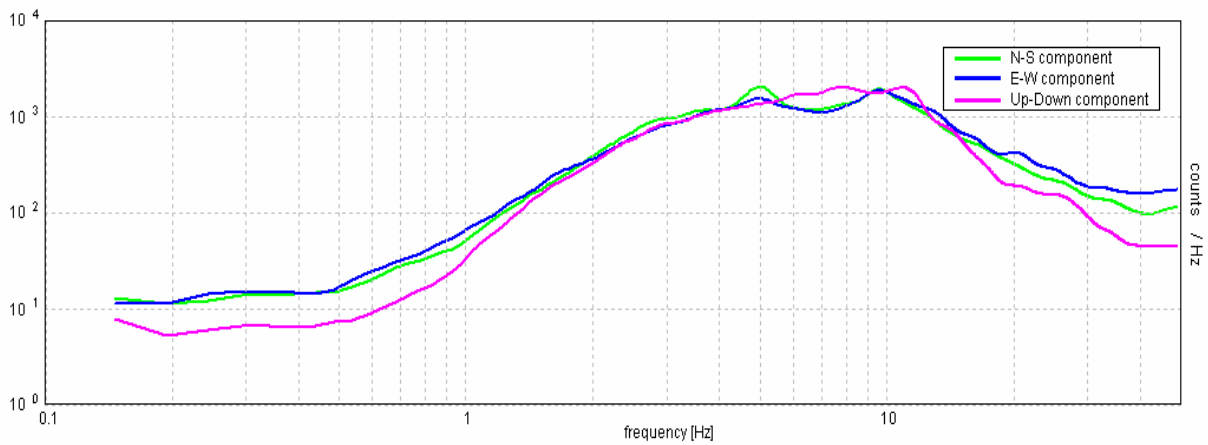
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

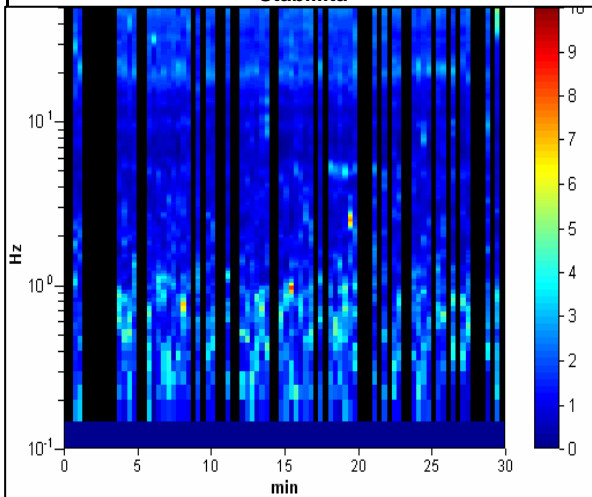
Max. HV at  $0.68 \pm 0.12$  Hz. (In the range 0.0 - 30.0 Hz).



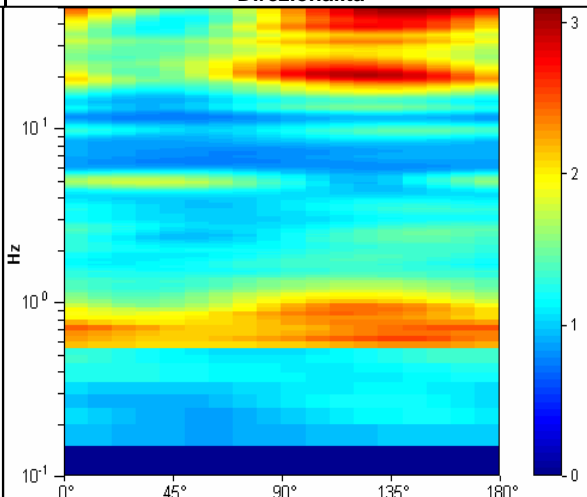
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H11

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 09-09-2008

CANTIERE: Microzonazione sismica 2013

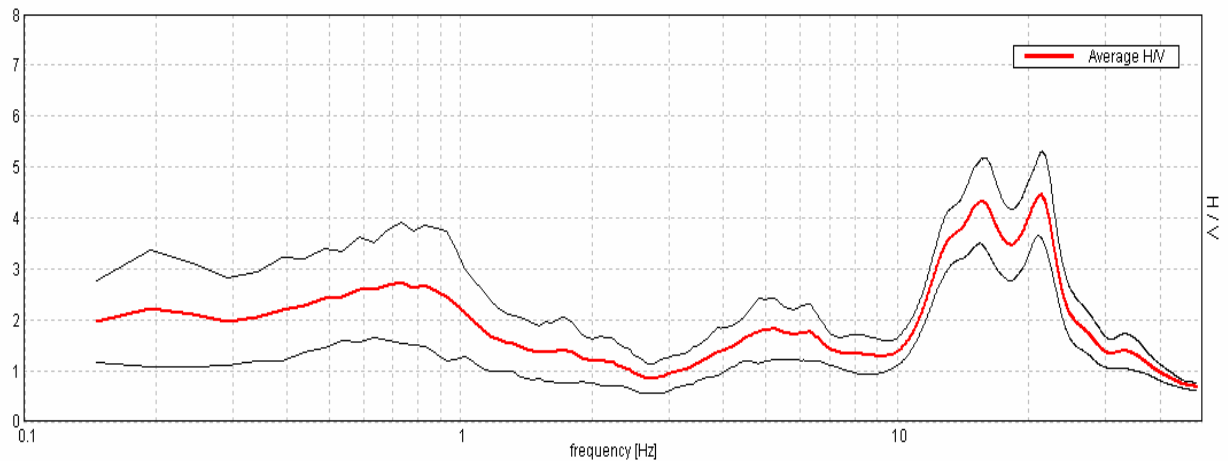
QUOTA: 28,5 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

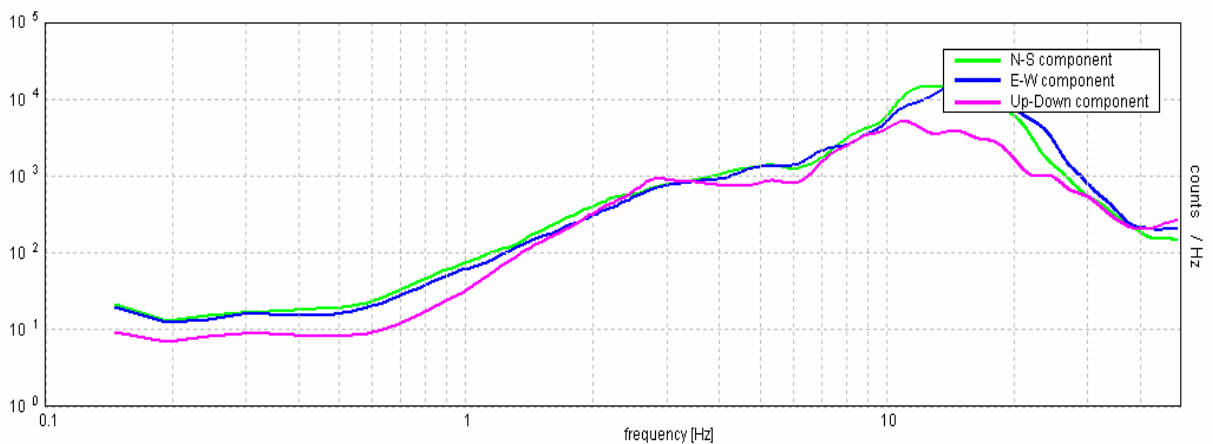
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

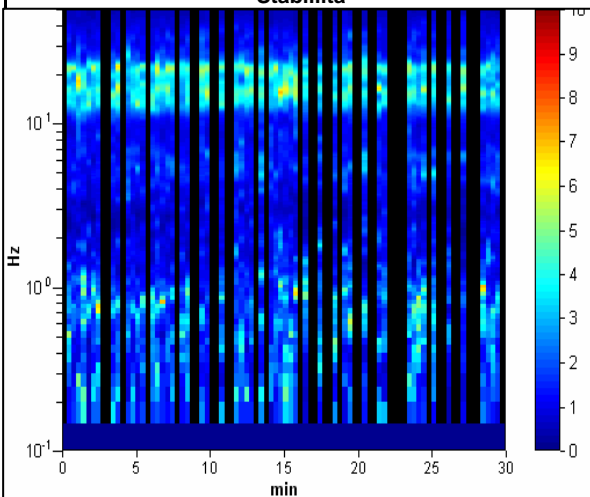
Max. H/V at  $21.39 \pm 2.87$  Hz. (In the range 0.0 - 30.0 Hz).



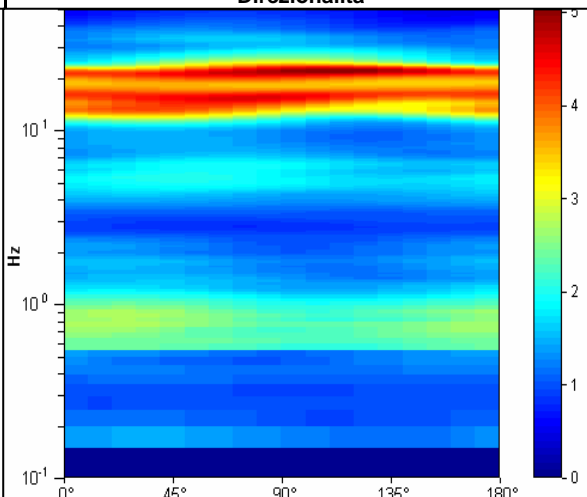
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H12

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 09-09-2008

CANTIERE: Microzonazione sismica 2013

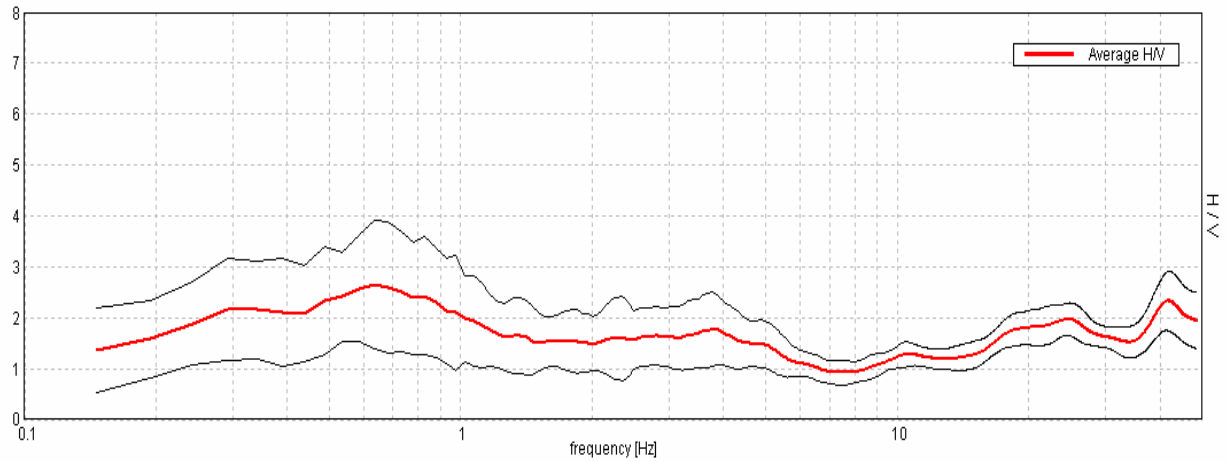
QUOTA: 33 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

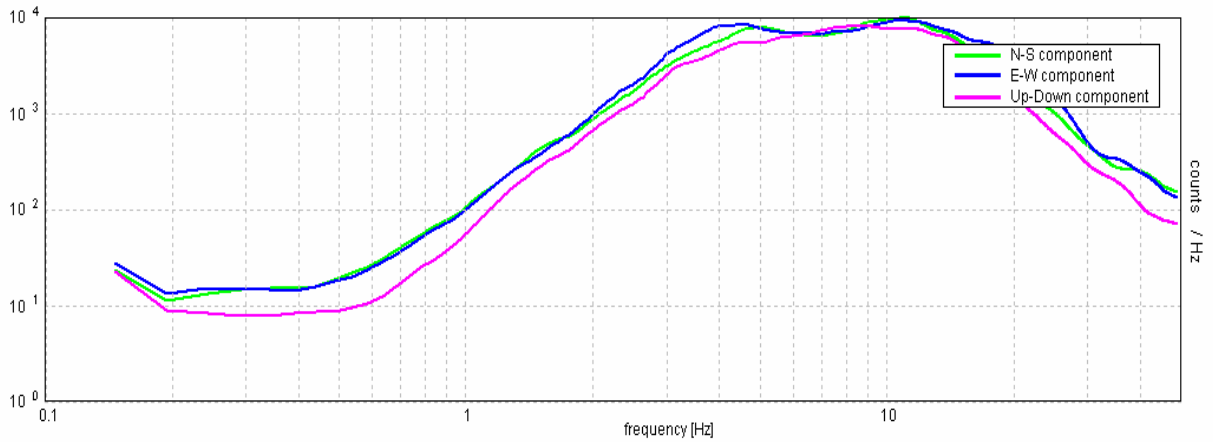
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

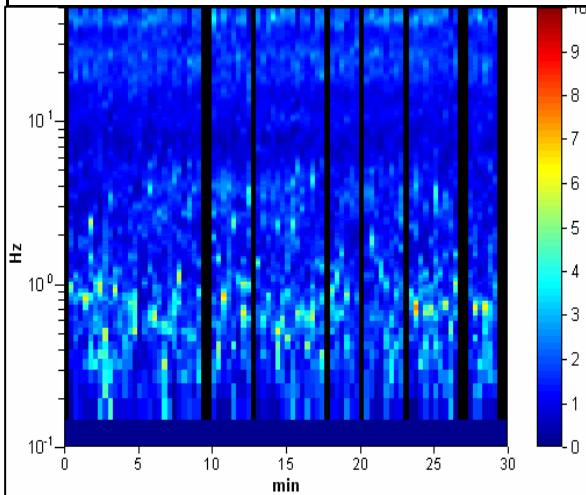
Max. HV at  $0.63 \pm 0.15$  Hz. (In the range 0.0 - 30.0 Hz).



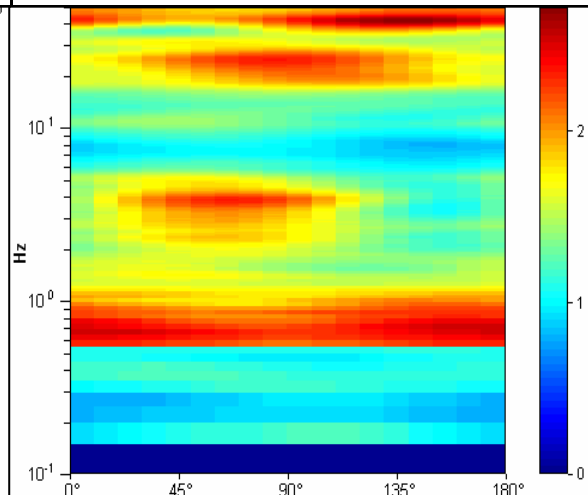
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H13

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 10-09-2008

CANTIERE: Microzonazione sismica 2013

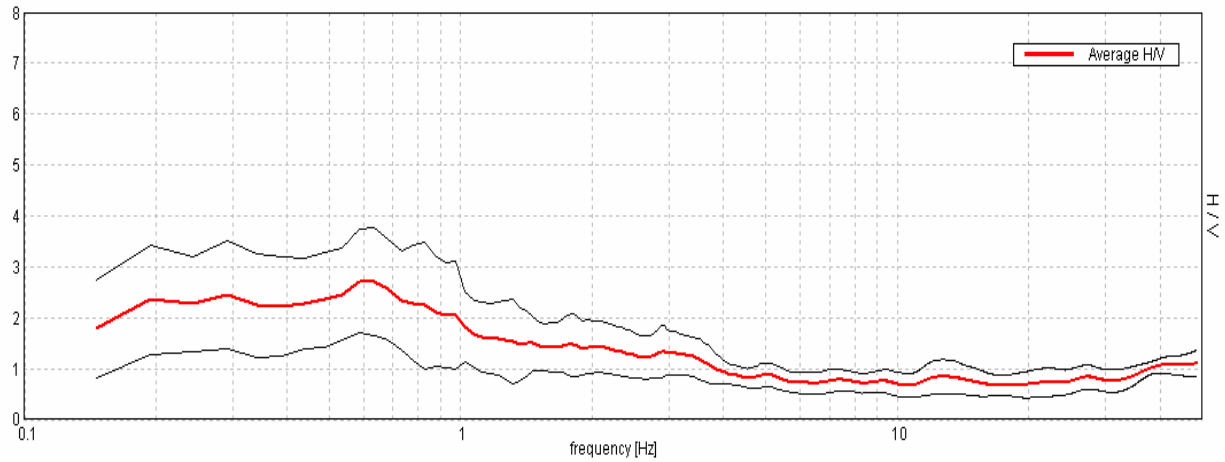
QUOTA: 31,2 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

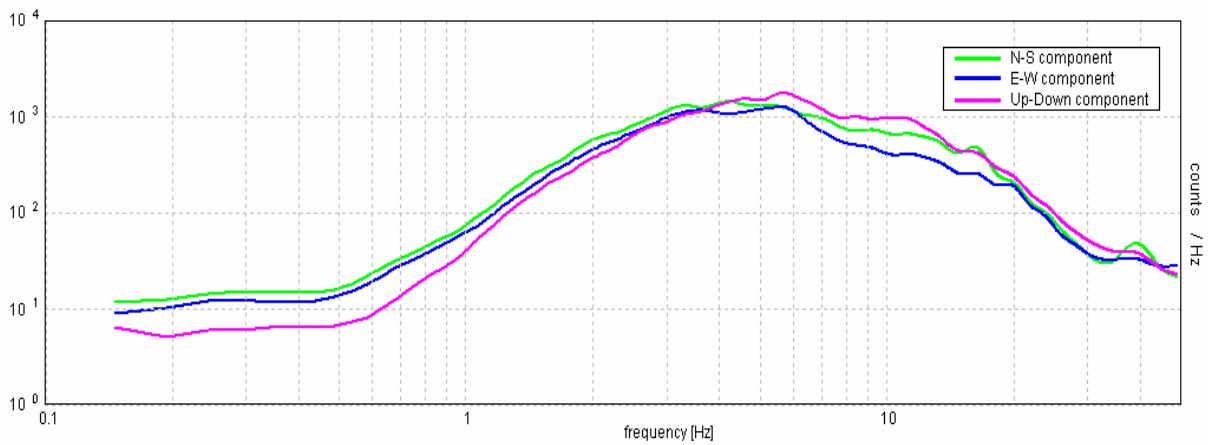
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

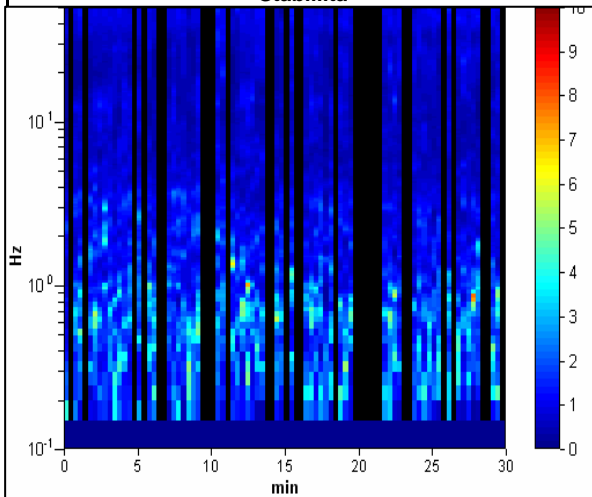
Max. HVV at  $0.59 \pm 0.08$  Hz. (In the range 0.0 - 30.0 Hz).



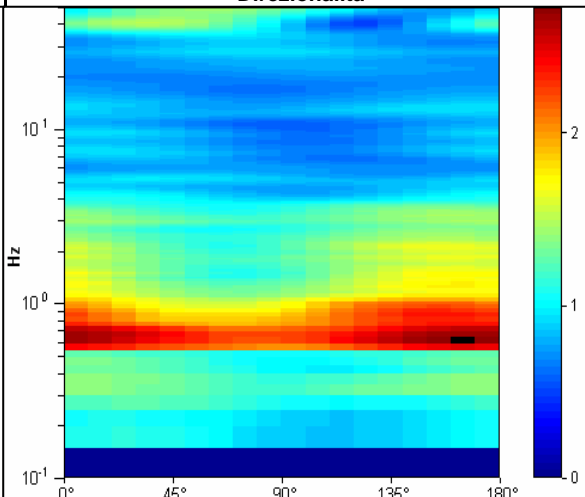
## Ampiezza spettrale



## Stabilità



## Direzionalità





**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H14

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 10-09-2008

CANTIERE: Microzonazione sismica 2013

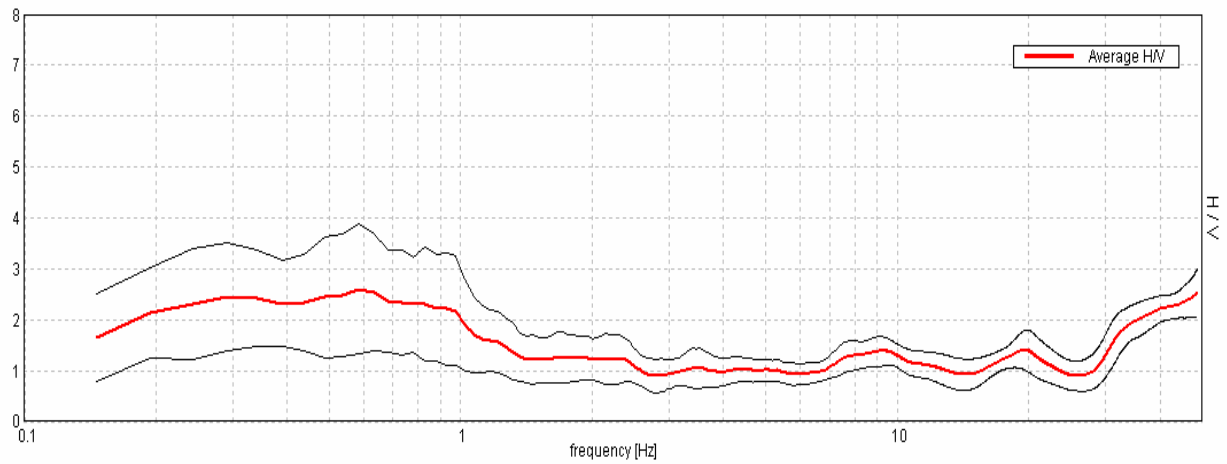
QUOTA: 38,9 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

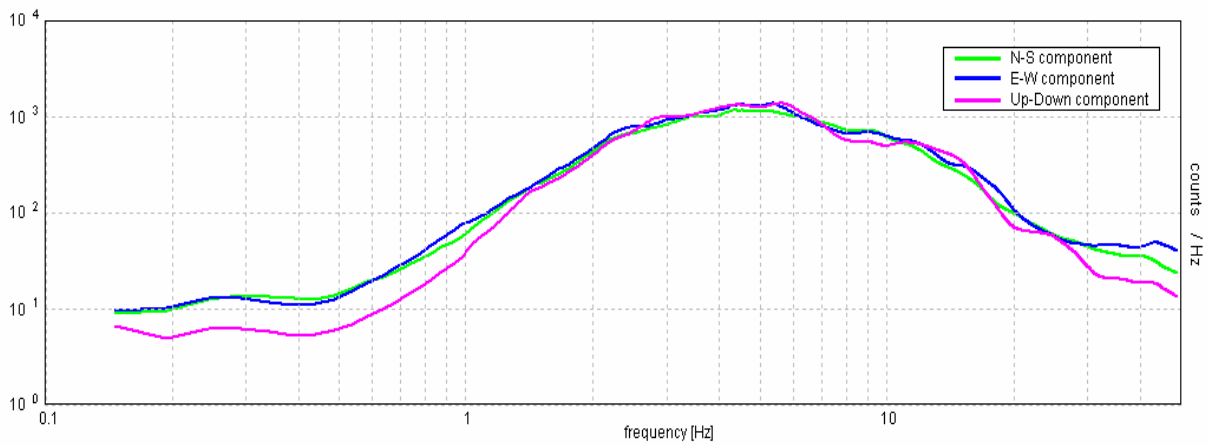
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

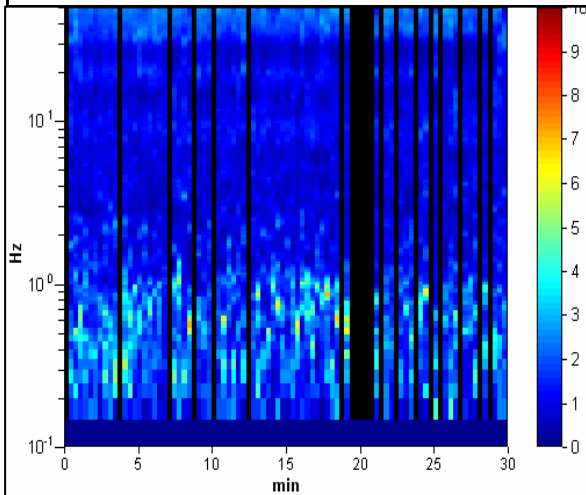
Max. HV at  $0.59 \pm 0.17$  Hz. (In the range 0.0 - 30.0 Hz).



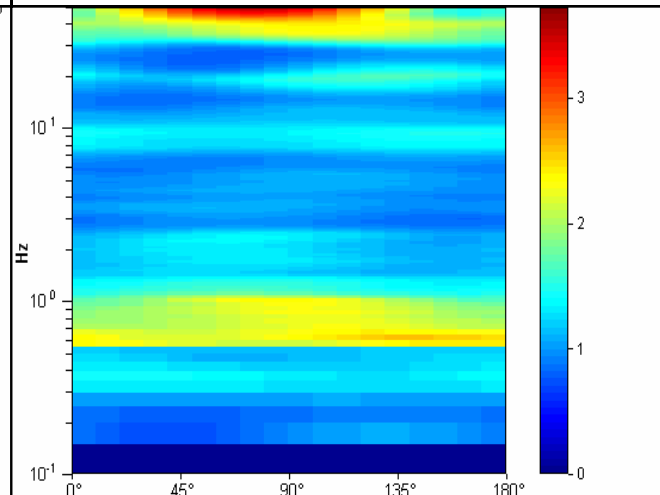
## Ampiezza spettrale



## Stabilità



## Direzionalità



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P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H15

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 14-05-2013

CANTIERE: Microzonazione sismica 2013

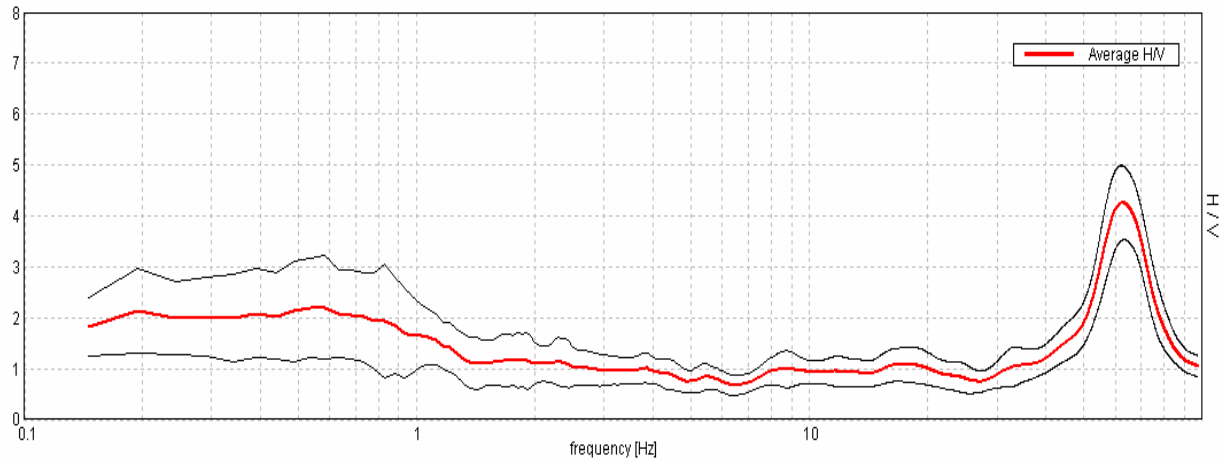
QUOTA: 32 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

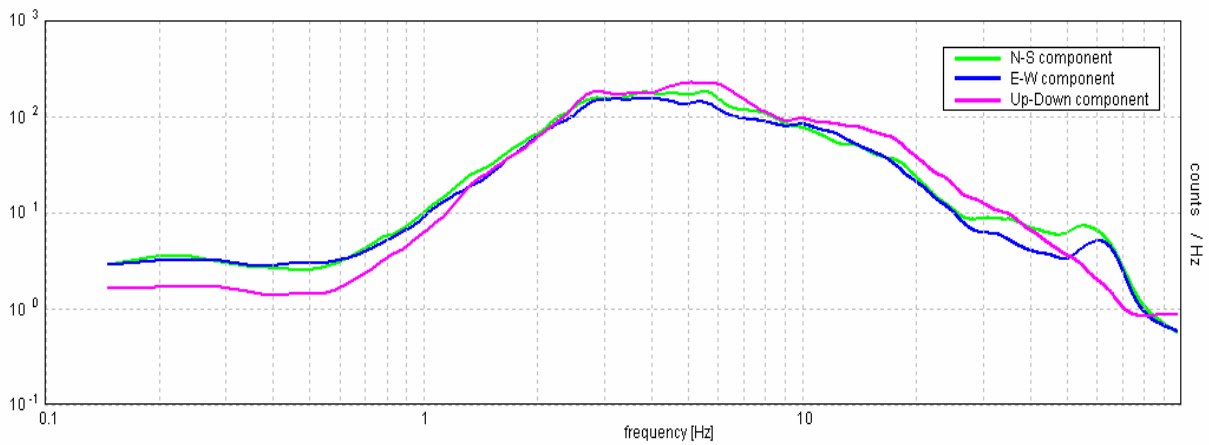
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

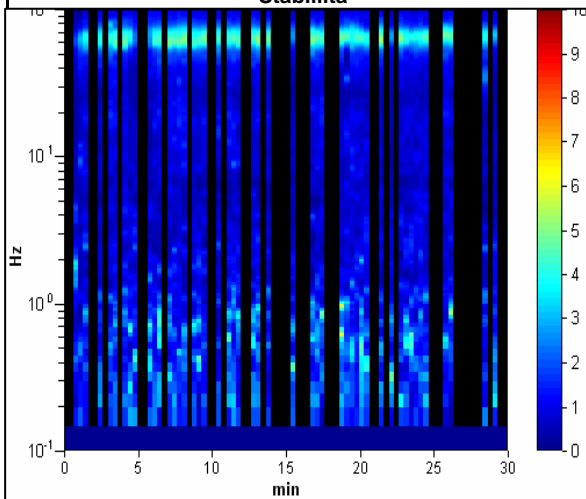
Max. HV at  $0.59 \pm 0.28$  Hz. (In the range 0.0 - 30.0 Hz).



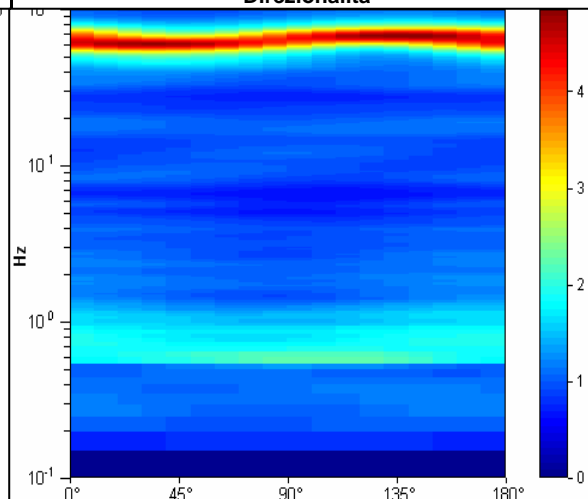
## Ampiezza spettrale



## Stabilità



## Direzionalità

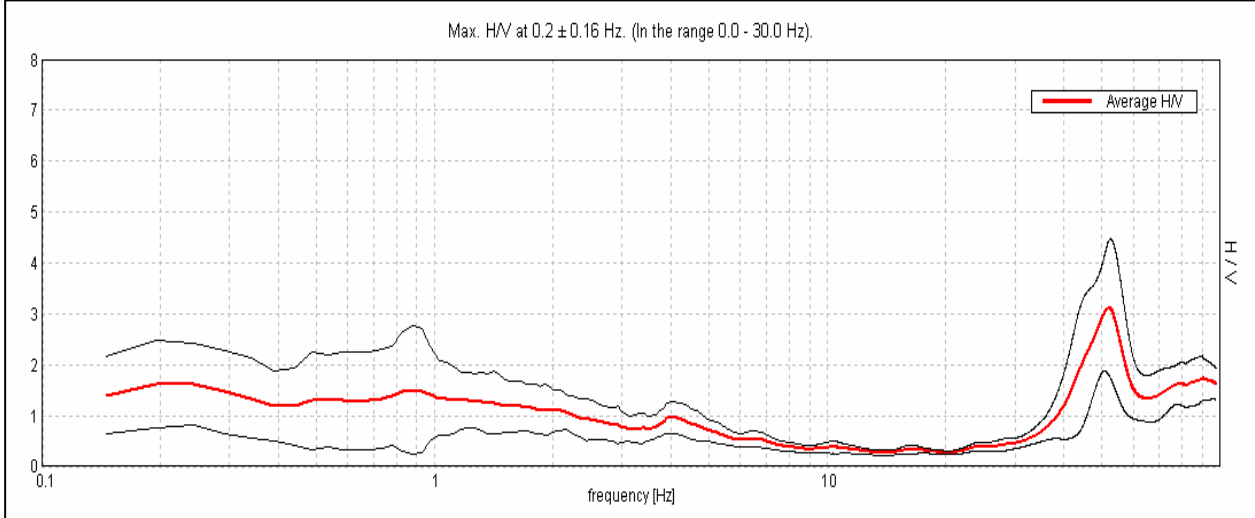


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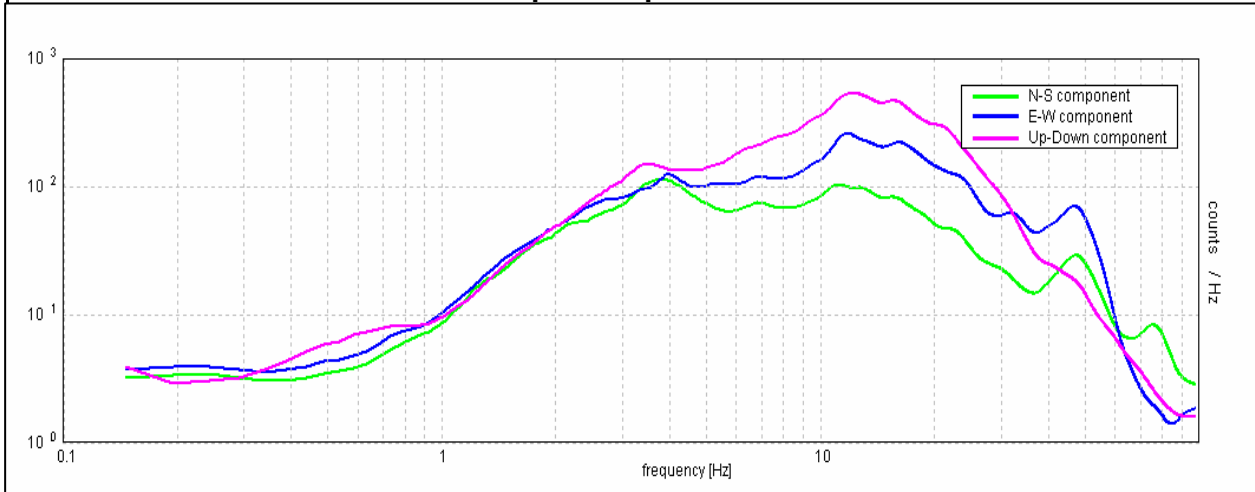
LOCALITA': Bagnolo in Piano (RE)	COMMITTENTE: Amm. Com. di Bagnolo in Piano
DATA: 14-05-2013	CANTIERE: Microzonazione sismica 2013
QUOTA: 31,5 m slm	OPERATORI: Mazzetti M. - Arbizzi A.

Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

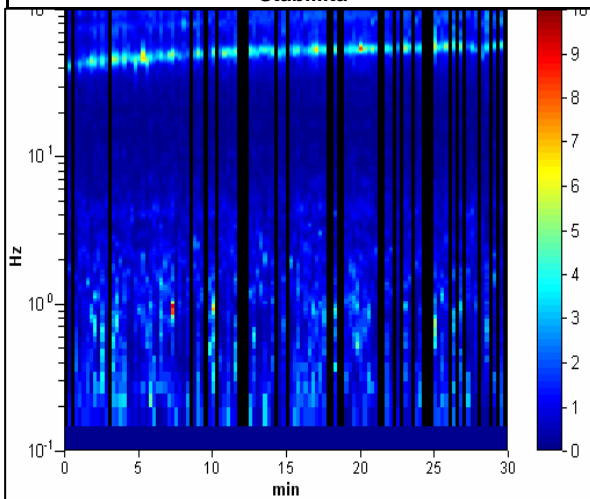
### Rapporto spettrale



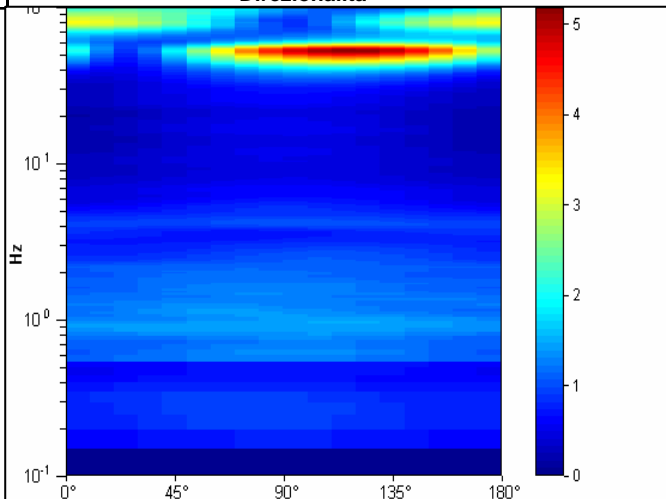
### Ampiezza spettrale



### Stabilità



### Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H17

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 10-09-2008

CANTIERE: Microzonazione sismica 2013

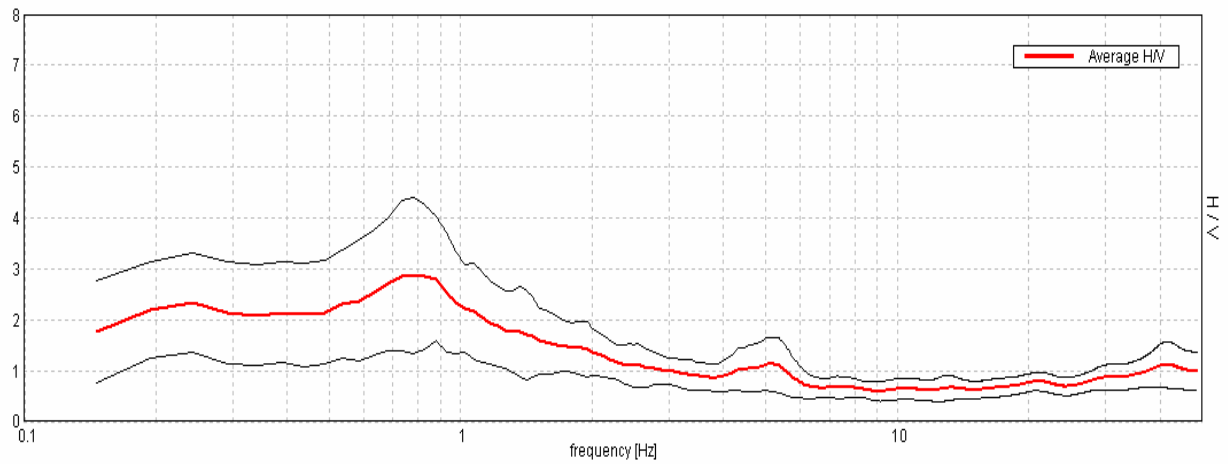
QUOTA: 30,3 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

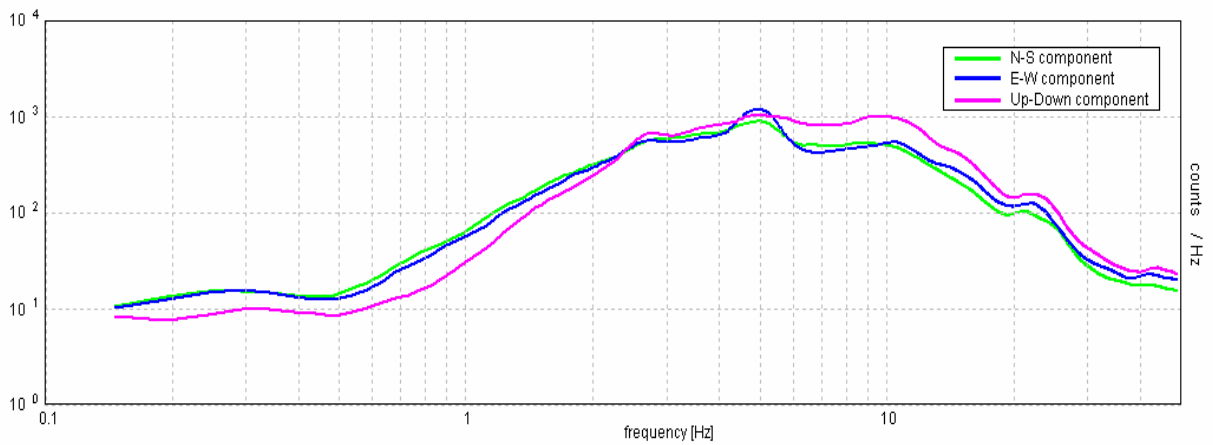
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

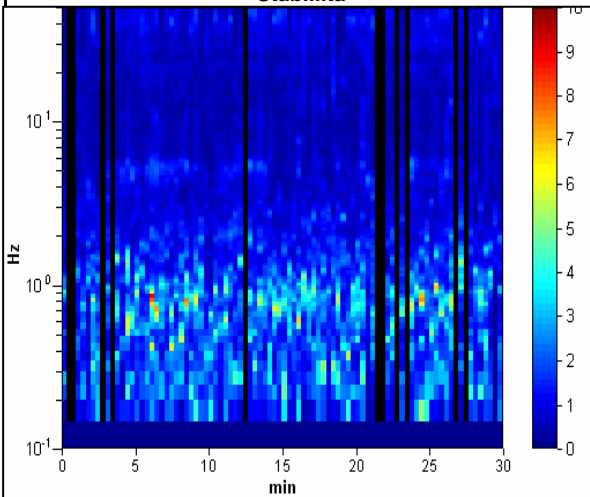
Max. HVV at  $0.78 \pm 0.08$  Hz. (In the range 0.0 - 30.0 Hz).



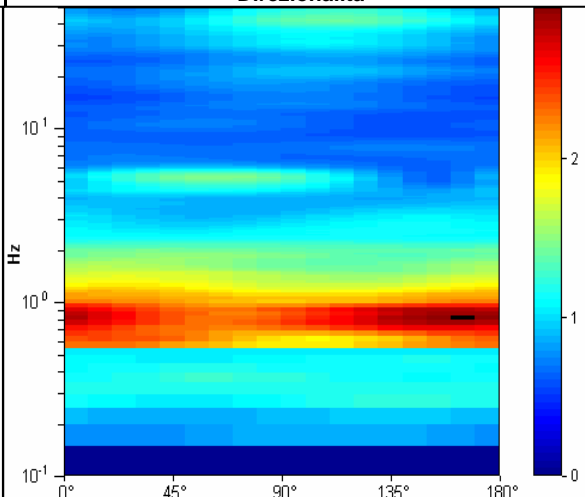
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR 18

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Immobiliare S. Croce Srl

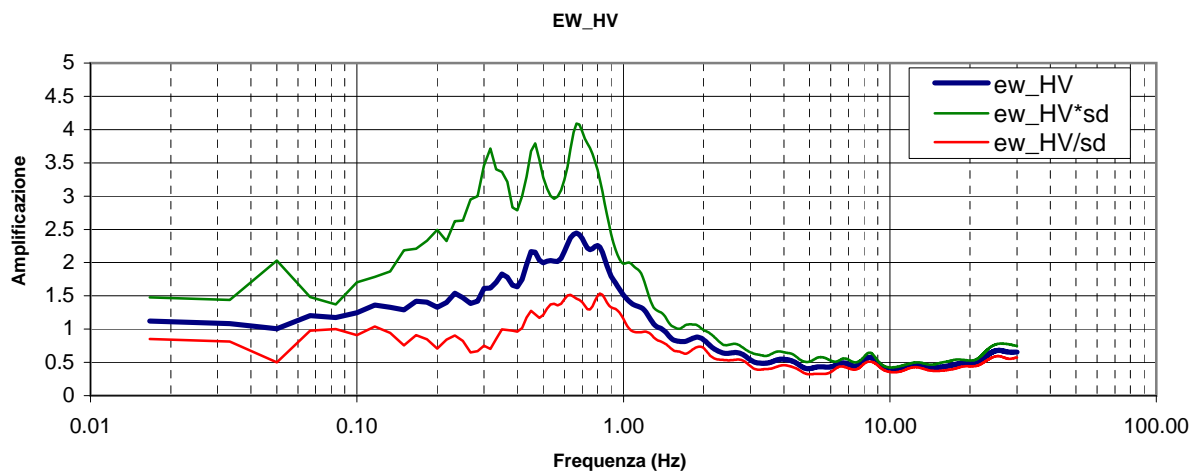
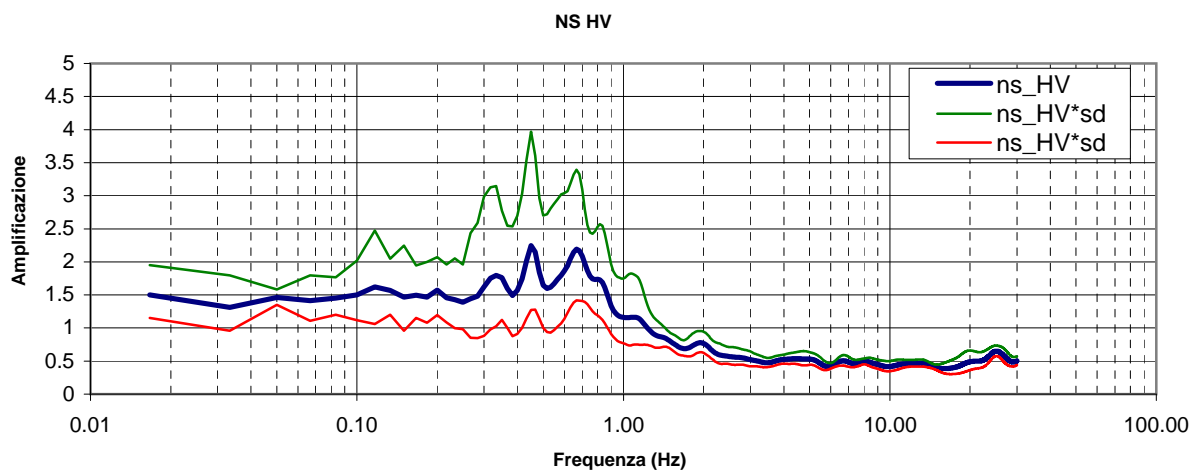
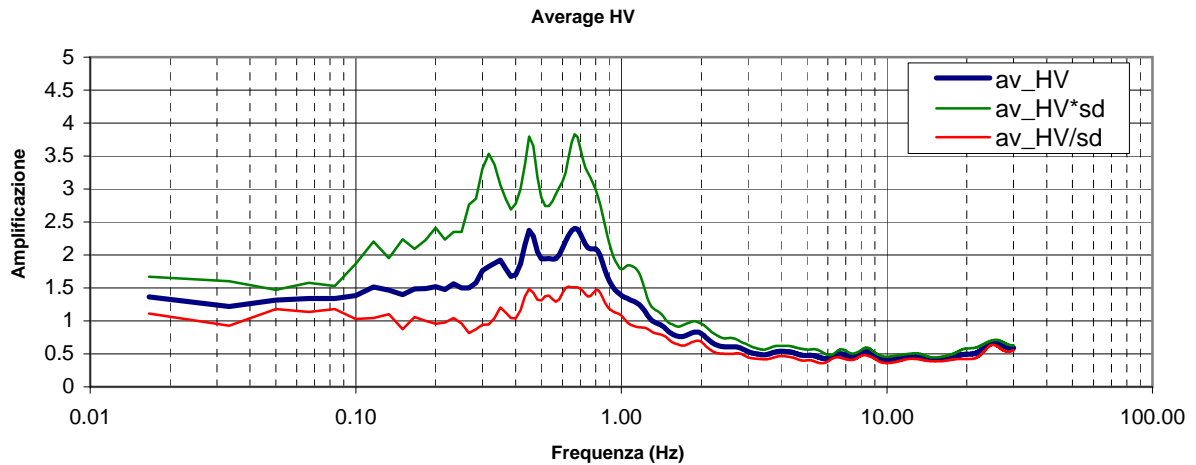
DATA: 29-06-2010

CANTIERE: Albergo Bagnolo

QUOTA: 32 m slm

OPERATORI: Mazzetti M. - Boccaletti M.

## Rapporti spettrali



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P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H19

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Geom. Fioranzato

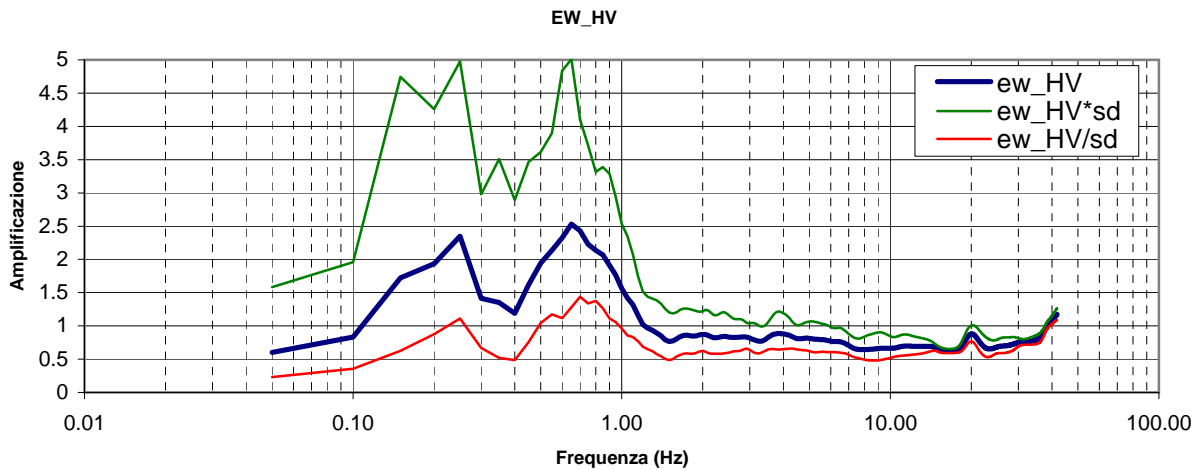
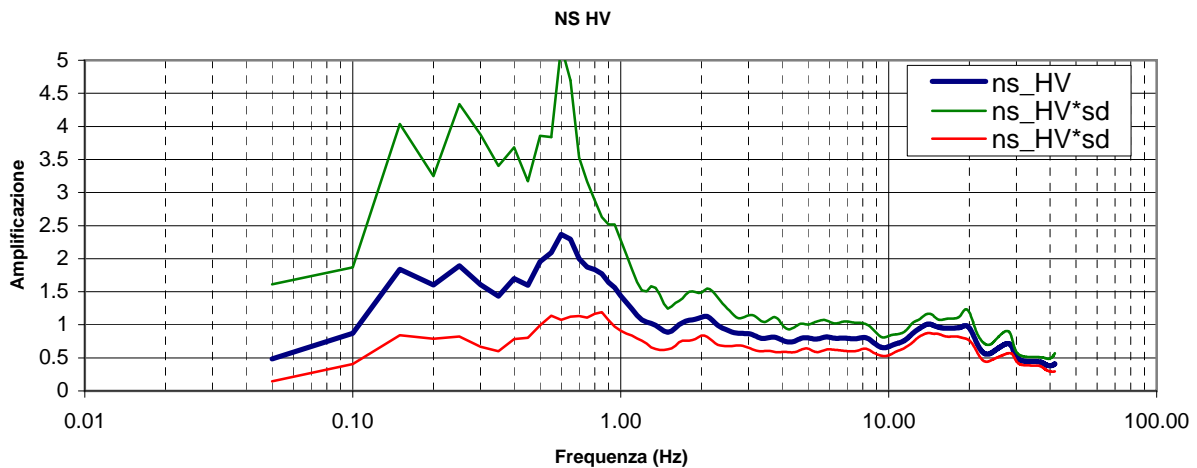
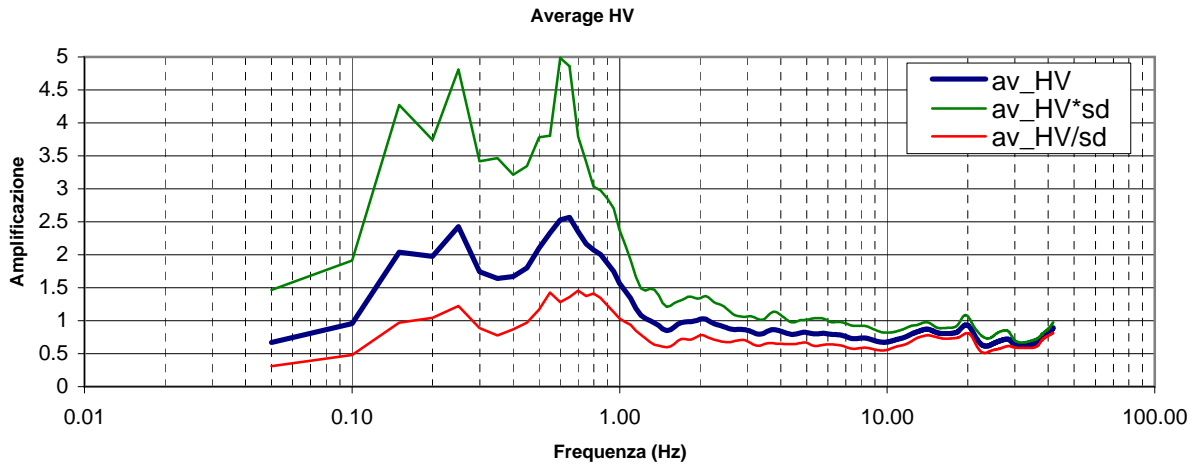
DATA: 24-02-2010

CANTIERE: Distributore carburanti via Europa

QUOTA: 35 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

## Rapporti spettrali



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H20

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 19-03-2013

CANTIERE: Microzonazione sismica 2013

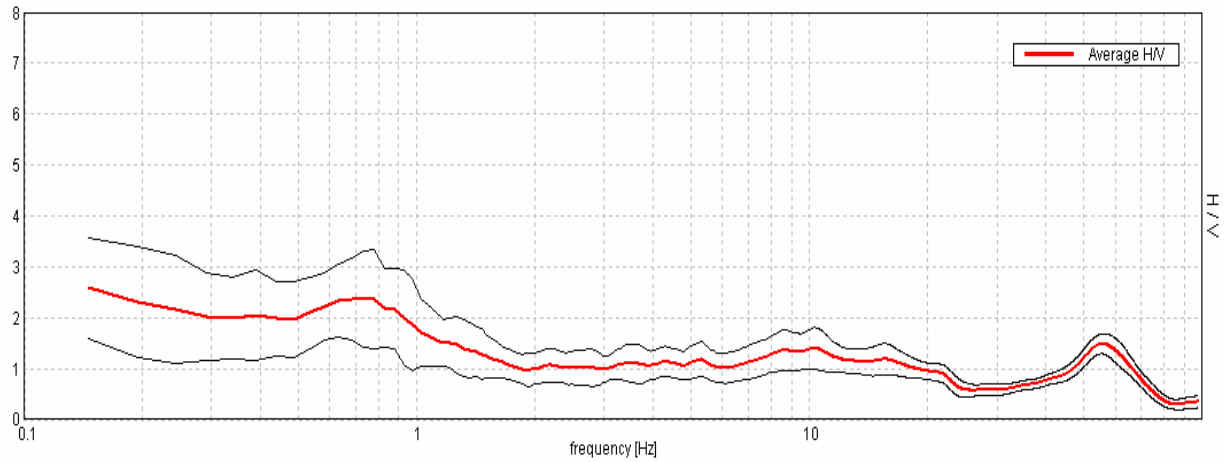
QUOTA: 31,7 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

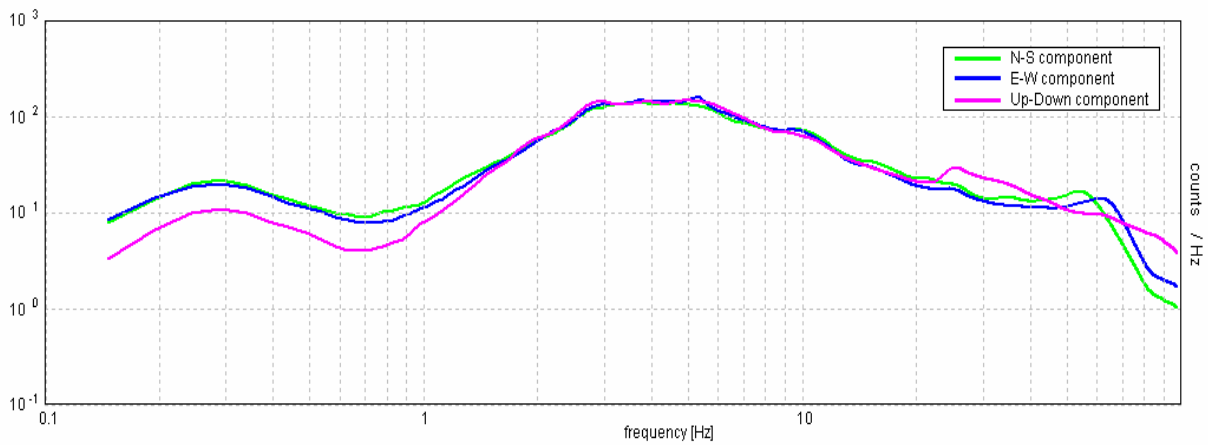
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

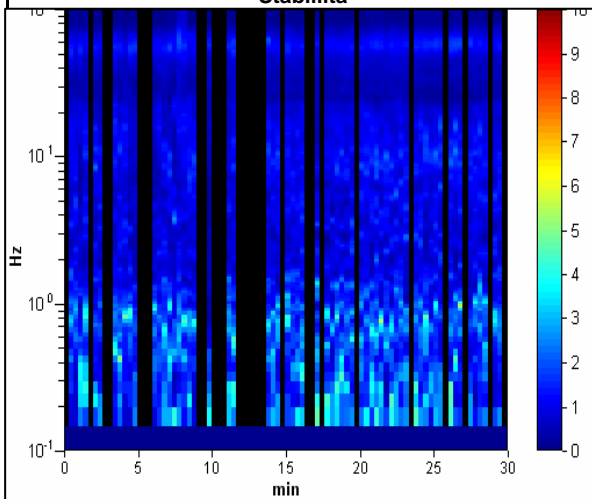
Max. HV at  $0.15 \pm 0.41$  Hz. (In the range 0.0 - 30.0 Hz).



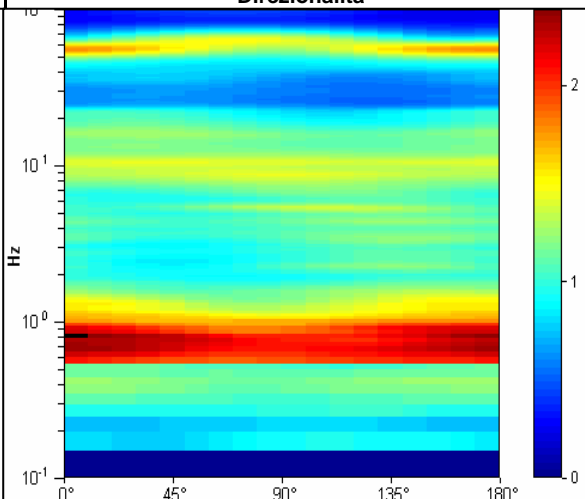
## Ampiezza spettrale



## Stabilità



## Direzionalità





**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H21

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 19-03-2013

CANTIERE: Microzonazione sismica 2013

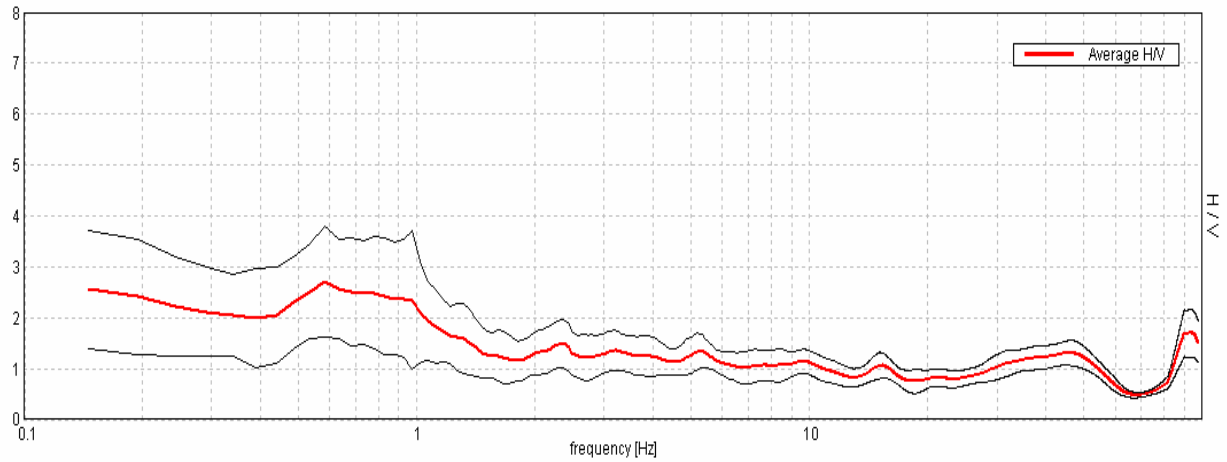
QUOTA: 31,8 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

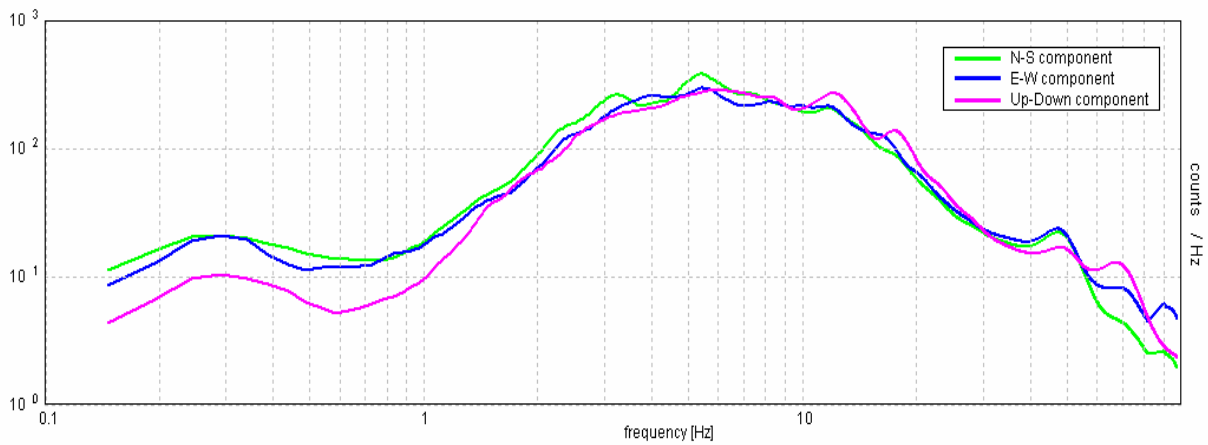
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

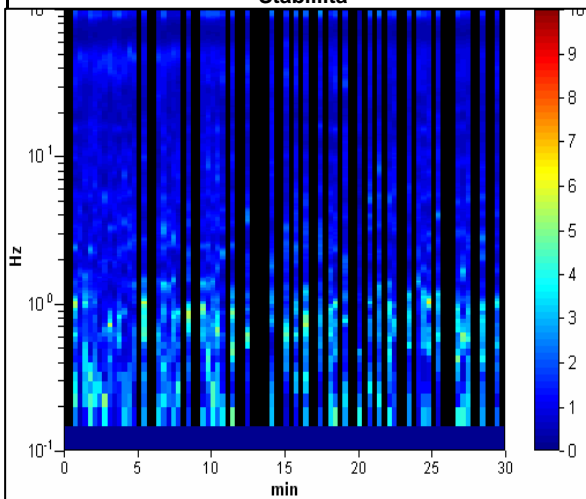
Max. HV at  $0.59 \pm 0.29$  Hz. (In the range 0.0 - 30.0 Hz).



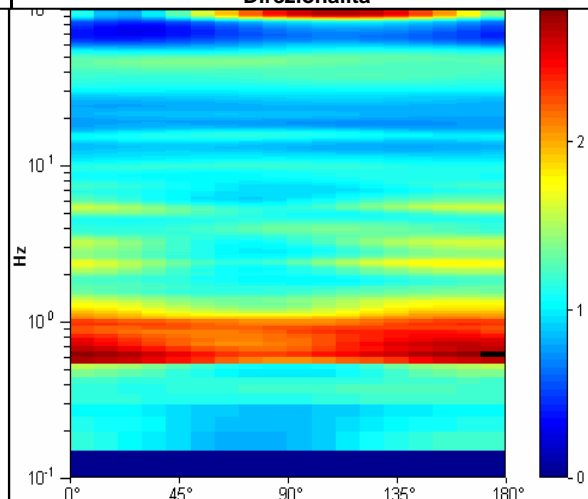
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H22

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 19-03-2013

CANTIERE: Microzonazione sismica 2013

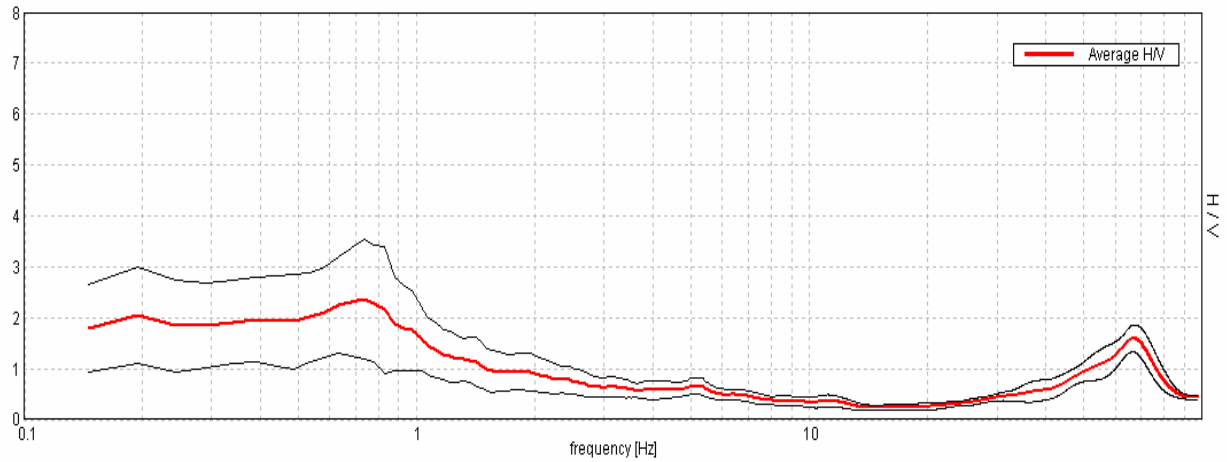
QUOTA: 31,5 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

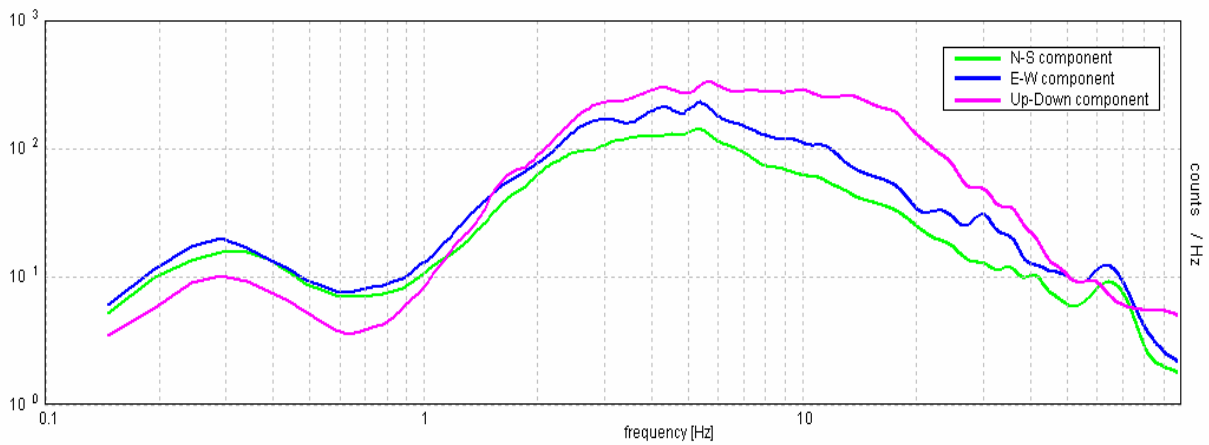
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

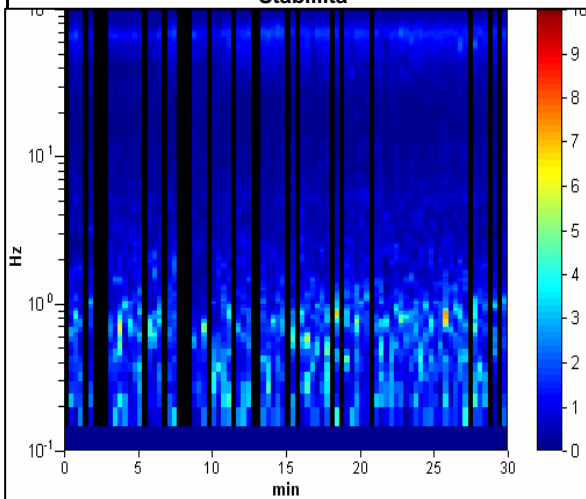
Max. HV at  $0.73 \pm 0.12$  Hz. (In the range 0.0 - 30.0 Hz).



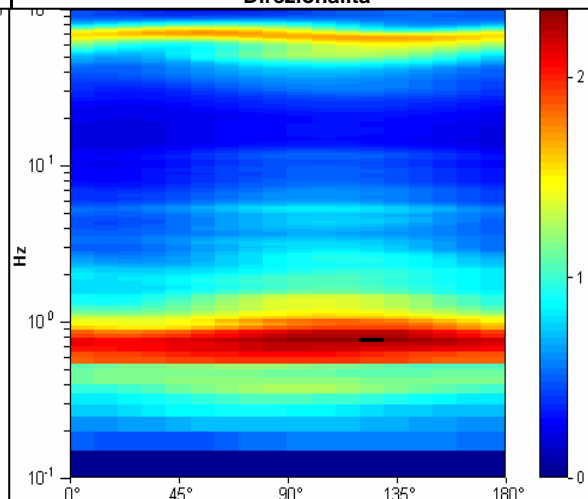
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H23

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 19-03-2013

CANTIERE: Microzonazione sismica 2013

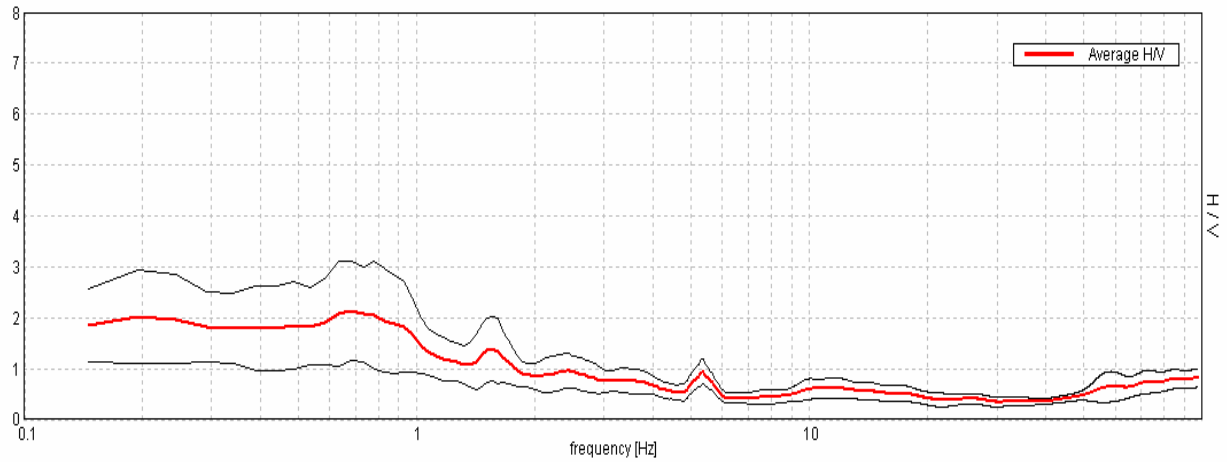
QUOTA: 30,1 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

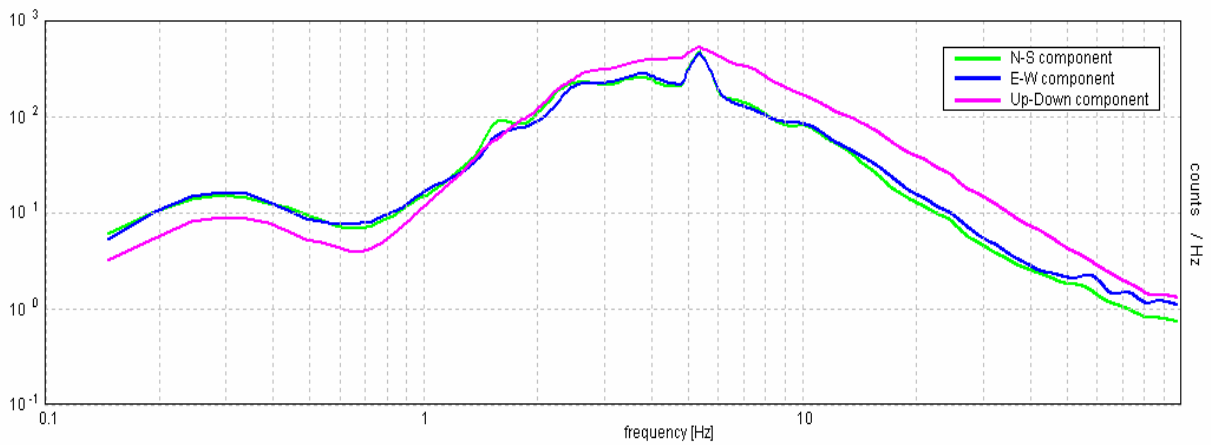
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

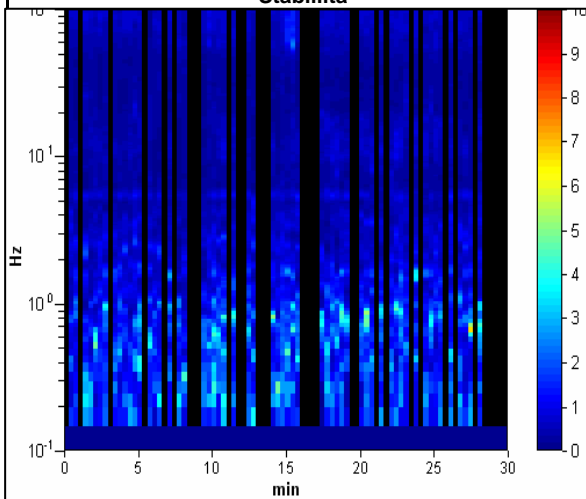
Max. HV at  $0.68 \pm 0.44$  Hz. (In the range 0.0 - 30.0 Hz).



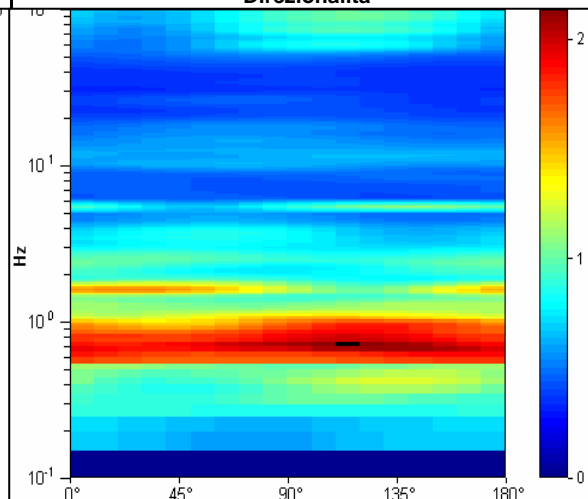
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S.Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H24

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 19-03-2013

CANTIERE: Microzonazione sismica 2013

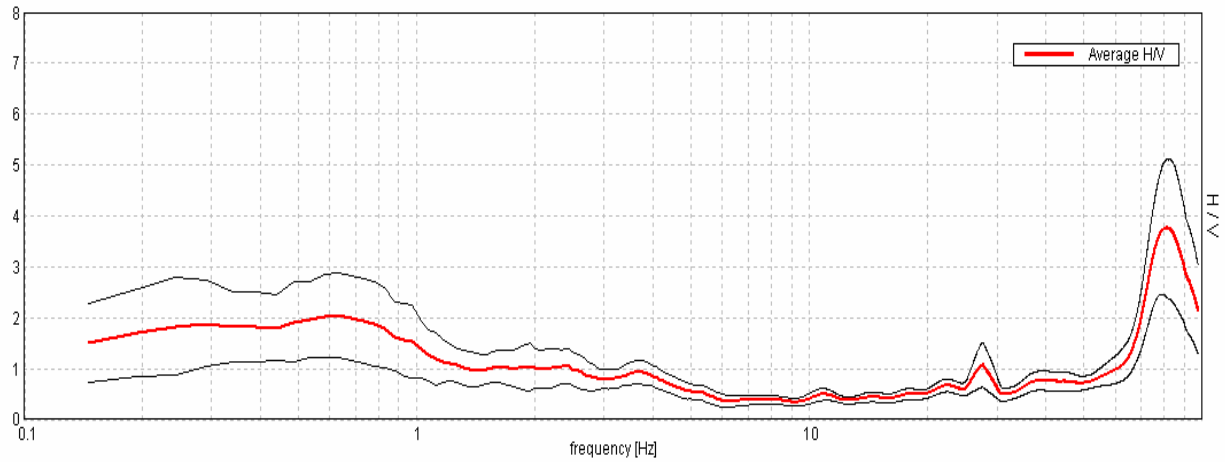
QUOTA: 31 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

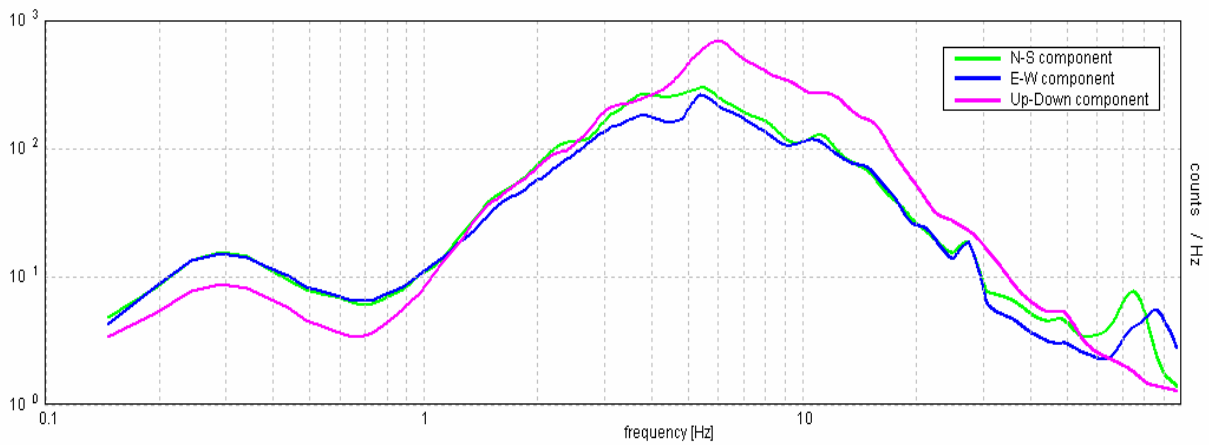
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

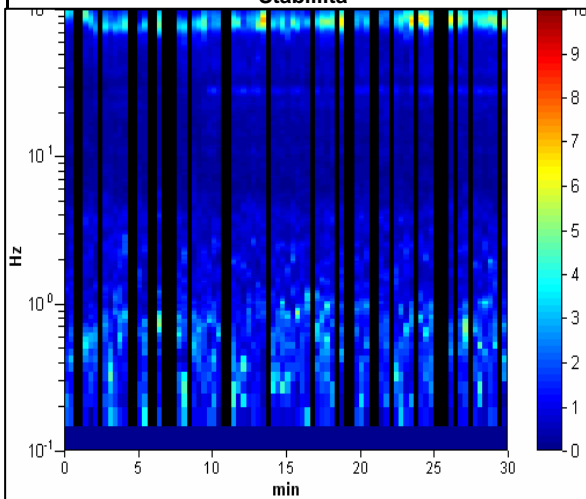
Max. HVV at  $0.63 \pm 0.1$  Hz. (In the range 0.0 - 30.0 Hz).



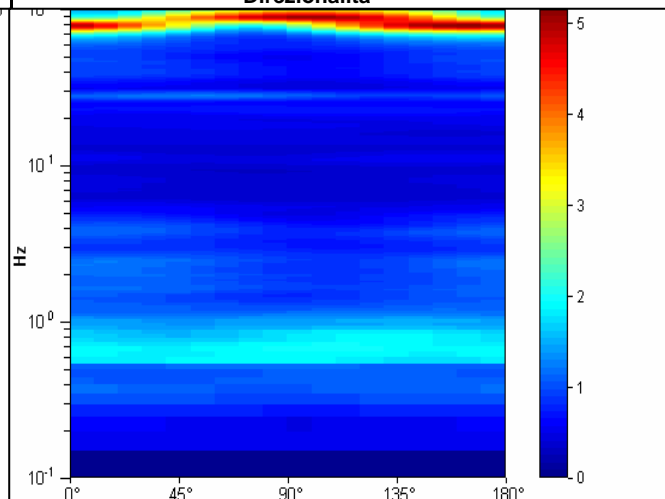
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H25

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 19-03-2013

CANTIERE: Microzonazione sismica 2013

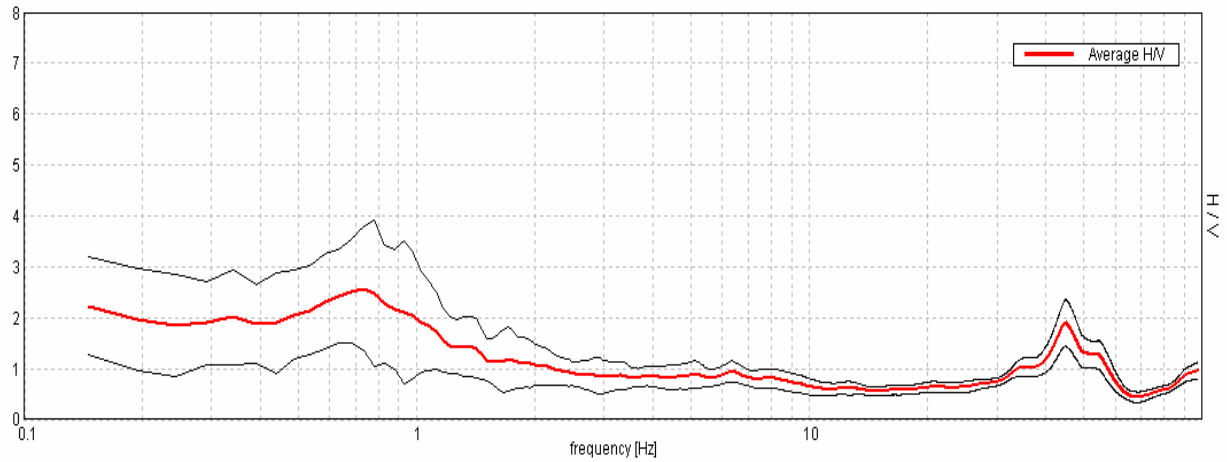
QUOTA: 31 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

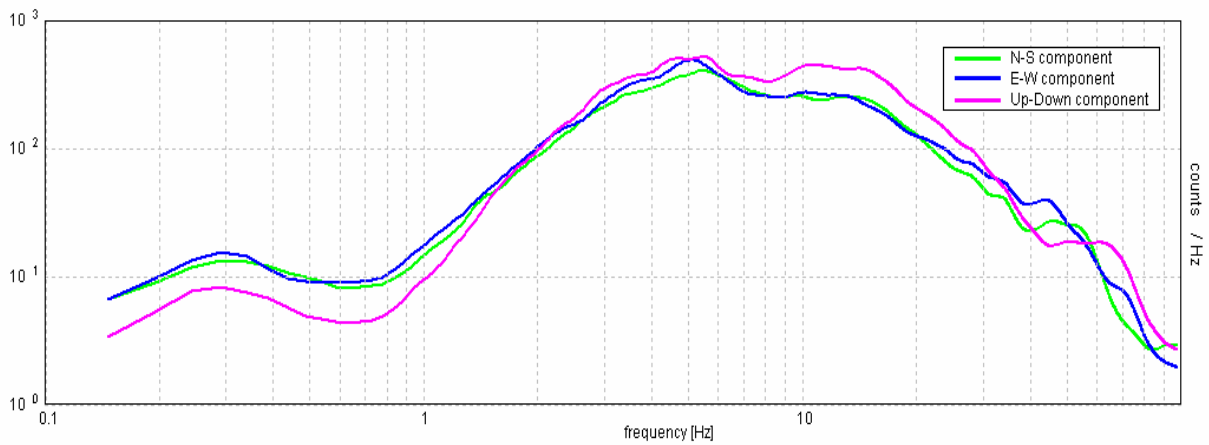
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

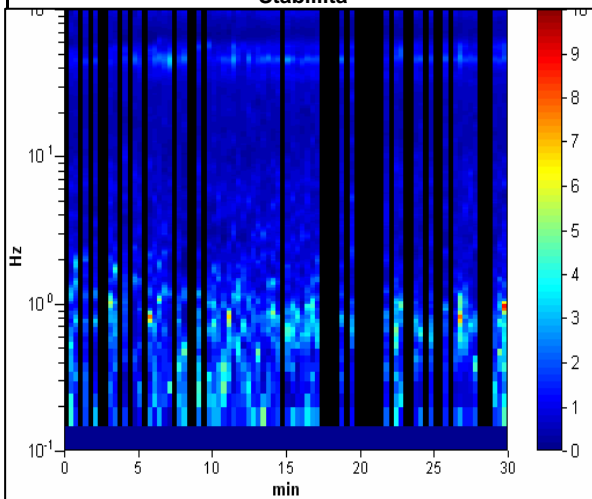
Max. HV at  $0.73 \pm 0.28$  Hz. (In the range 0.0 - 30.0 Hz).



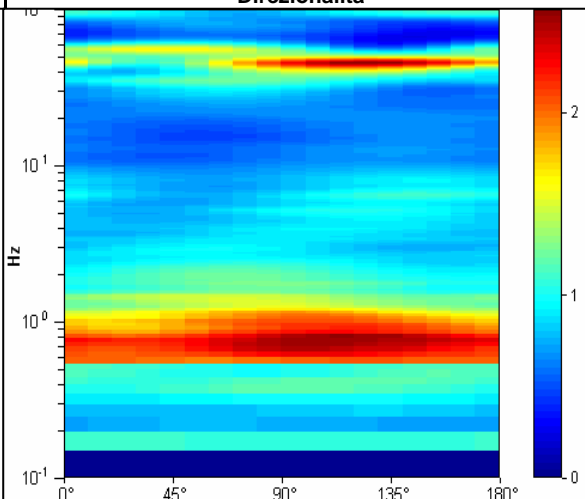
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H26

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 19-03-2013

CANTIERE: Microzonazione sismica 2013

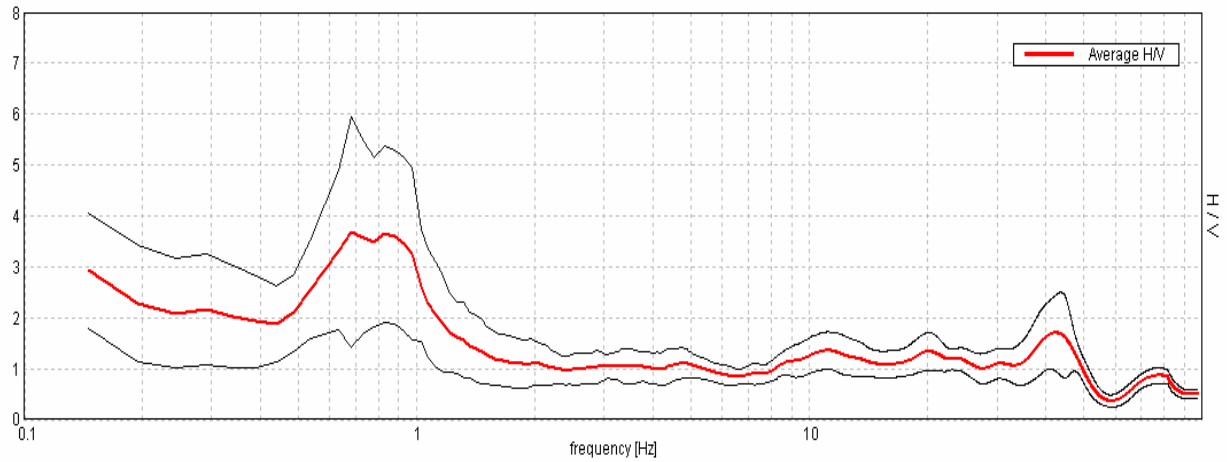
QUOTA: 30 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

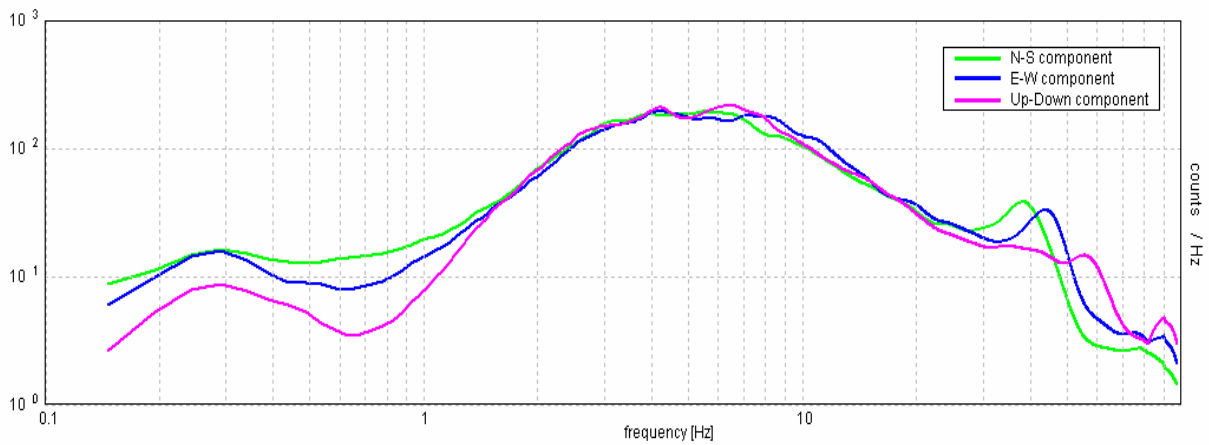
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

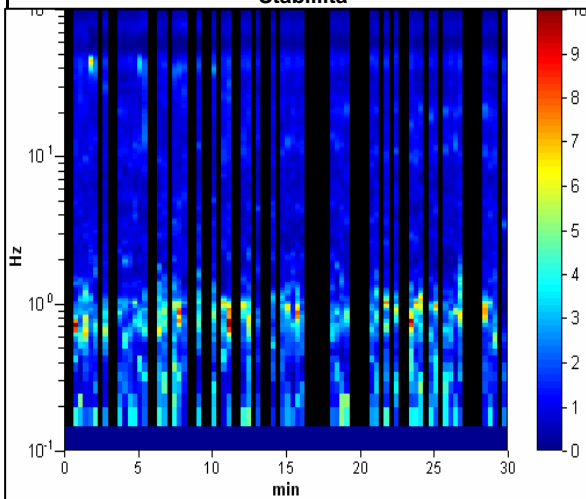
Max. HV at  $0.68 \pm 0.0$  Hz. (In the range 0.0 - 30.0 Hz).



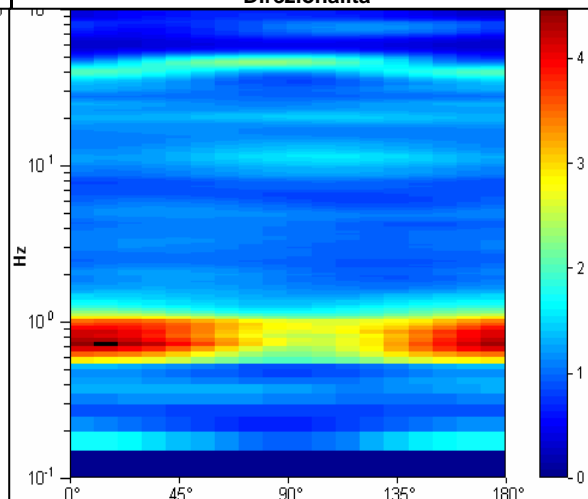
## Ampiezza spettrale



## Stabilità



## Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H27

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 19-03-2013

CANTIERE: Microzonazione sismica 2013

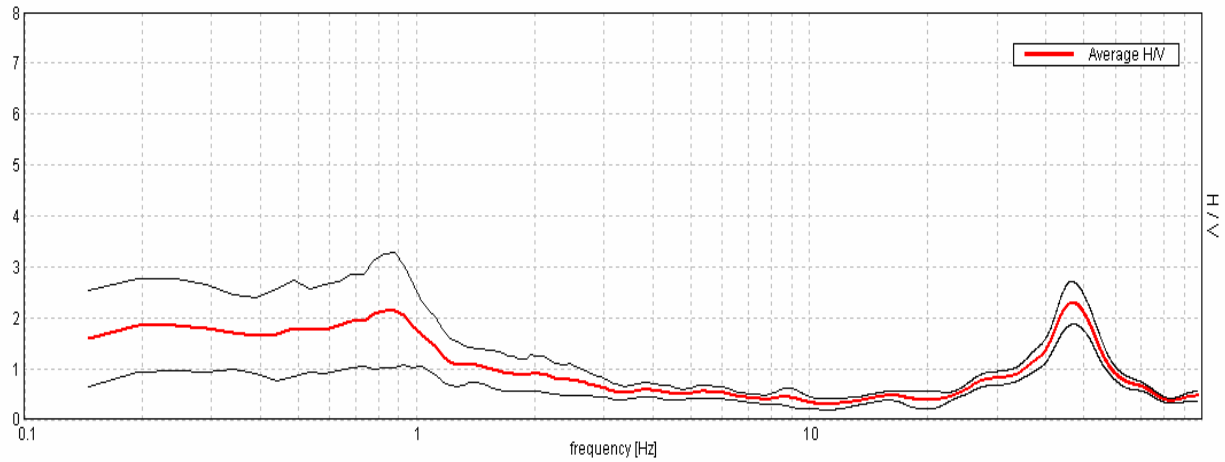
QUOTA: 31 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

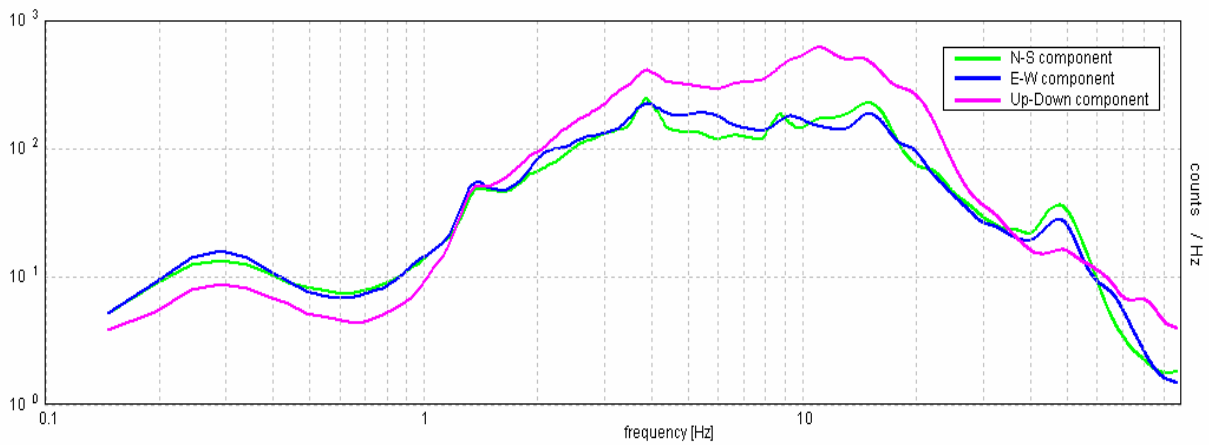
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

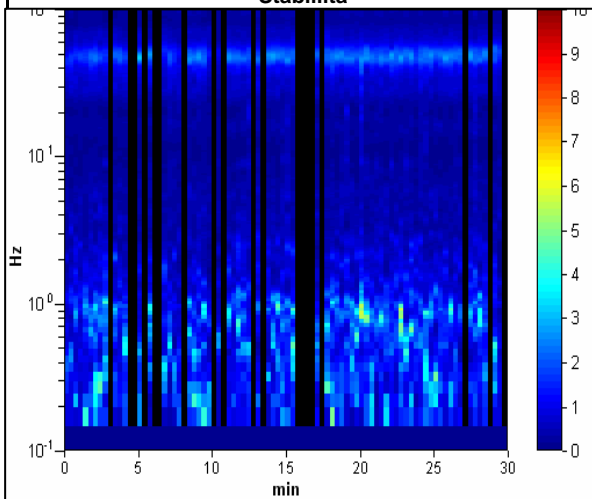
Max. HV at  $0.88 \pm 0.37$  Hz. (In the range 0.0 - 30.0 Hz).



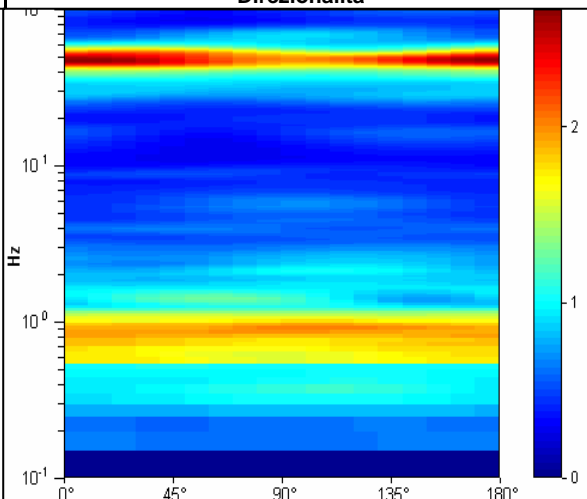
## Ampiezza spettrale



## Stabilità



## Direzionalità





<b>STUDIO GEOLOGICO CENTROGEO</b> P.zza S.Quirino, 6 - 42015 CORREGGIO	<b>INDAGINE HVSR H28</b>
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LOCALITA': Bagnolo in Piano (RE)	COMMITTENTE: Amm. Com. di Bagnolo in Piano
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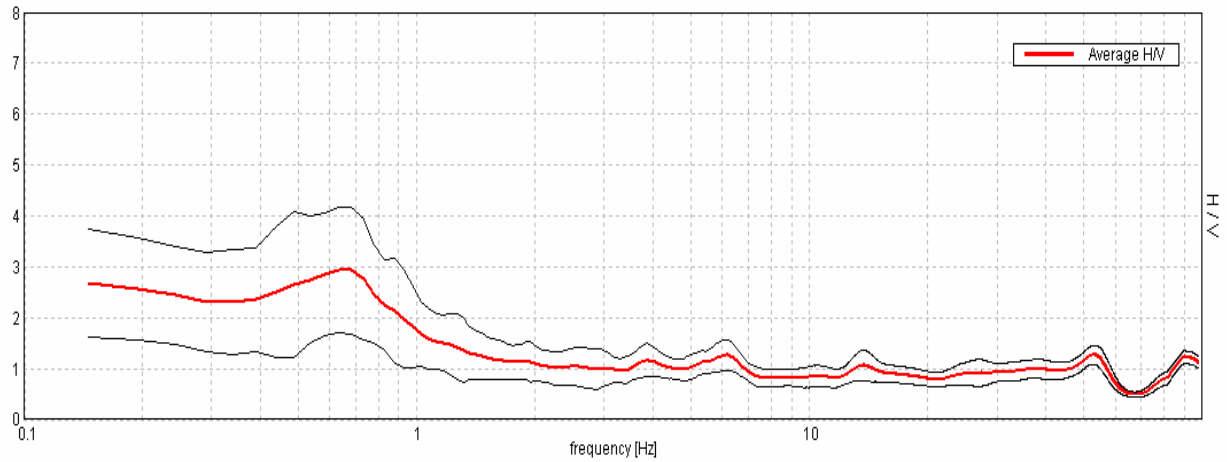
DATA: 21-03-2013	CANTIERE: Microzonazione sismica 2013
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QUOTA: 31 m slm	OPERATORI: Mazzetti M. - Arbizzi A.
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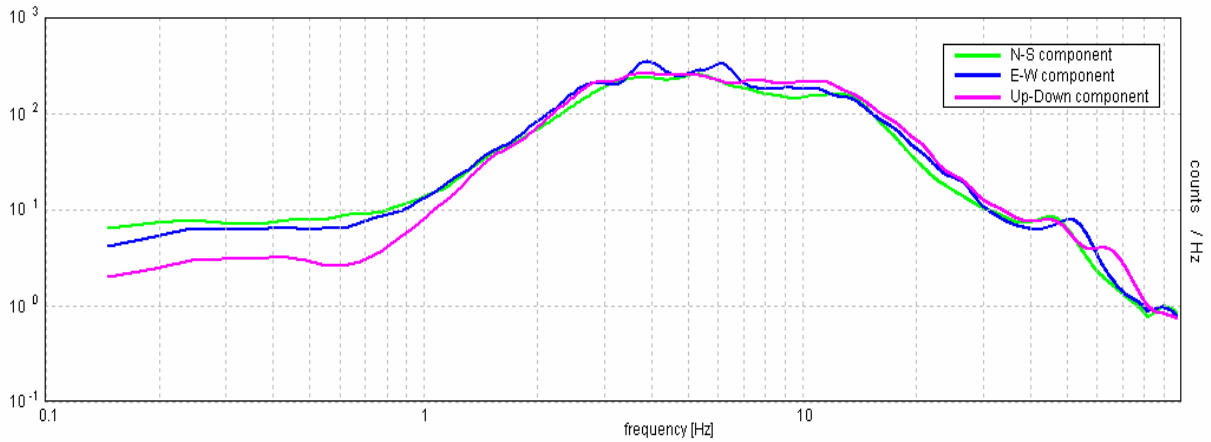
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

### Rapporto spettrale

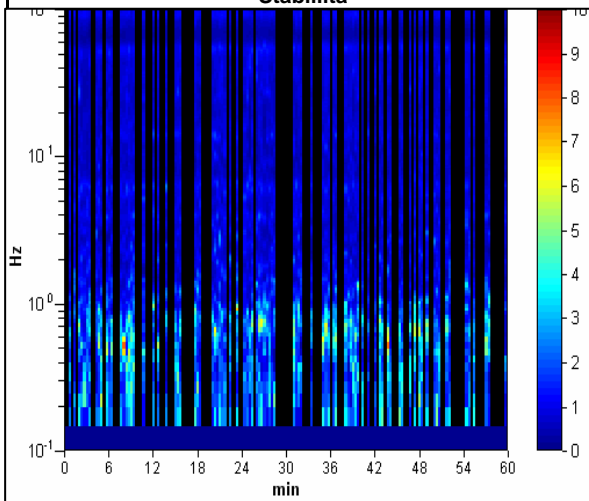
Max. HV at  $0.63 \pm 0.17$  Hz. (In the range 0.0 - 30.0 Hz).



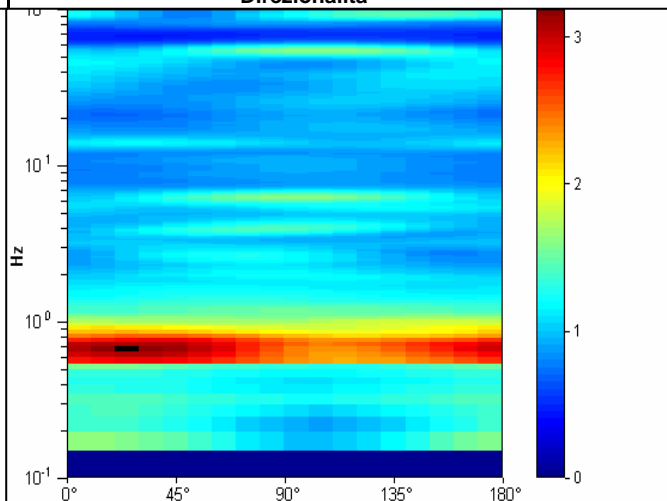
### Ampiezza spettrale



### Stabilità



### Direzionalità



**STUDIO GEOLOGICO CENTROGEO**  
P.zza S. Quirino, 6 - 42015 CORREGGIO

# INDAGINE HVSR H29

LOCALITA': Bagnolo in Piano (RE)

COMMITTENTE: Amm. Com. di Bagnolo in Piano

DATA: 21-03-2013

CANTIERE: Microzonazione sismica 2013

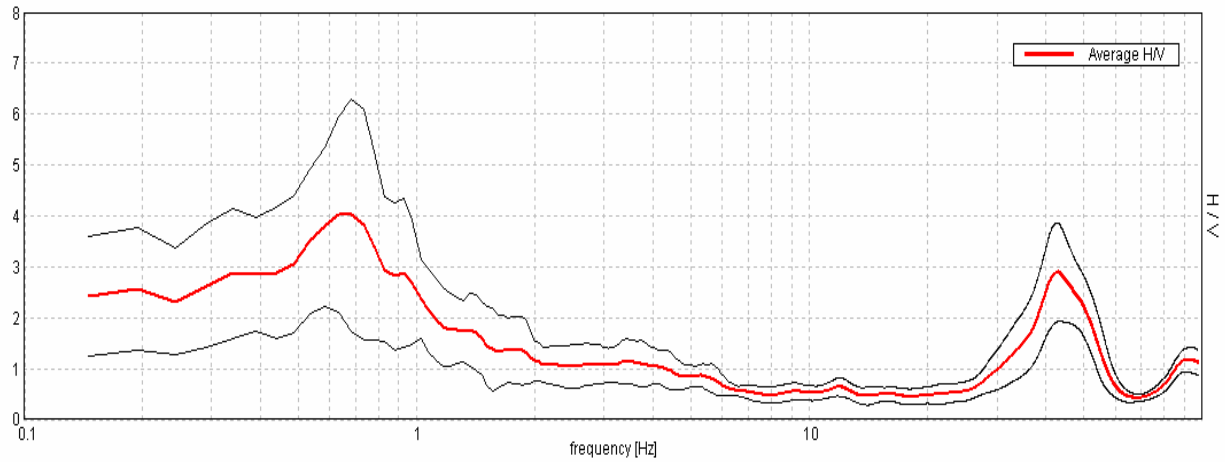
QUOTA: 28,5 m slm

OPERATORI: Mazzetti M. - Arbizzi A.

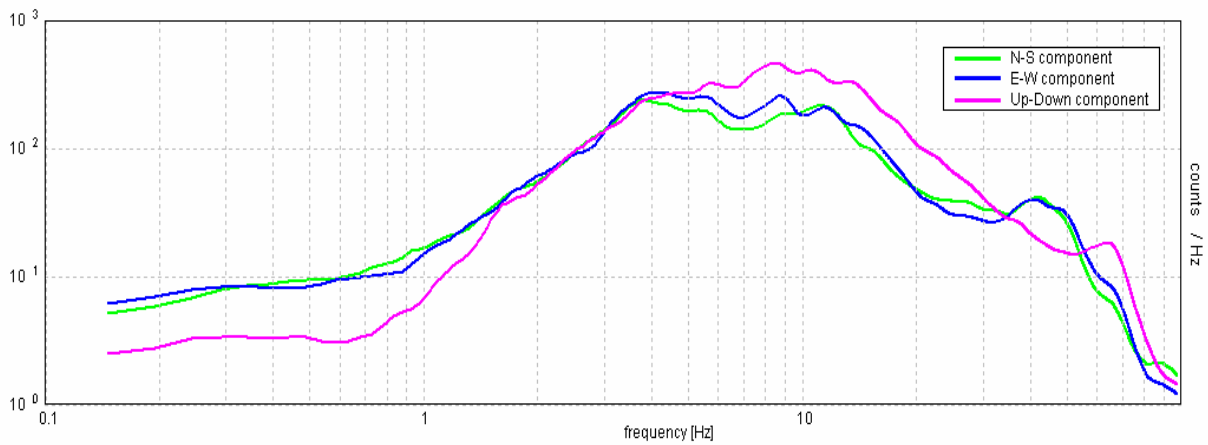
Strumentazione: Sara SR04 HS - 4,5 Hz - matricola N488

## Rapporto spettrale

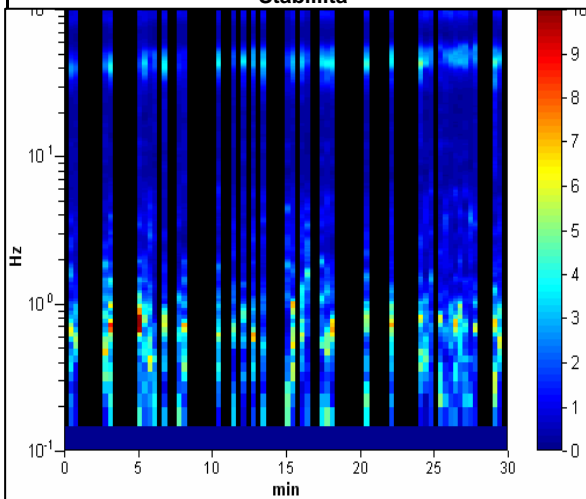
Max. HVV at  $0.63 \pm 0.04$  Hz. (In the range 0.0 - 30.0 Hz).



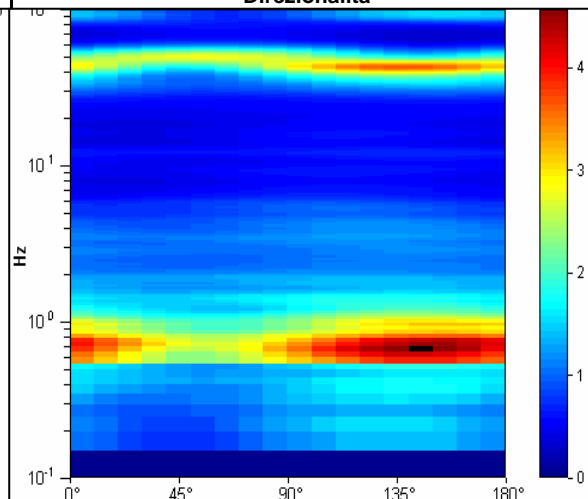
## Ampiezza spettrale



## Stabilità



## Direzionalità

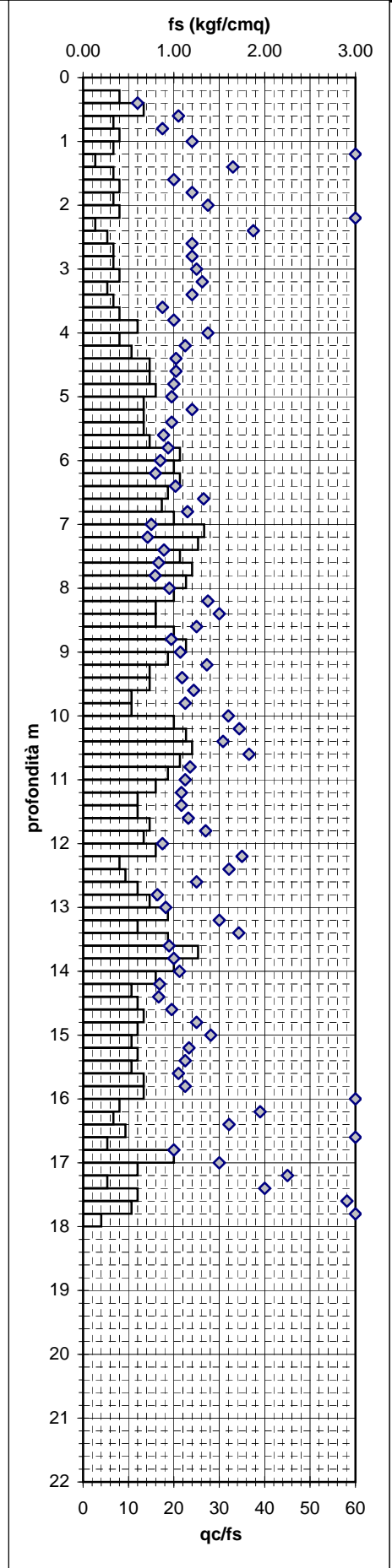
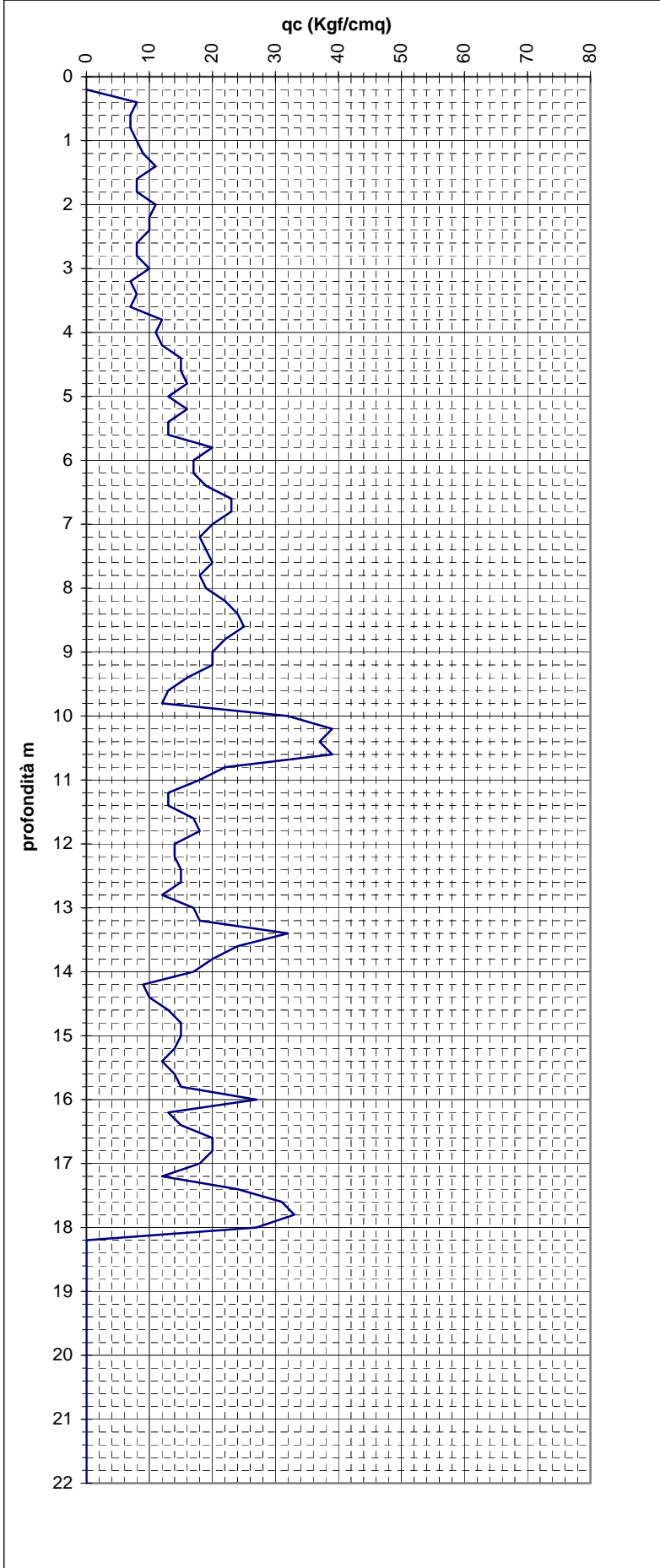


**PROVE  
PENETROMETRICHE  
STATICHE  
CPT**

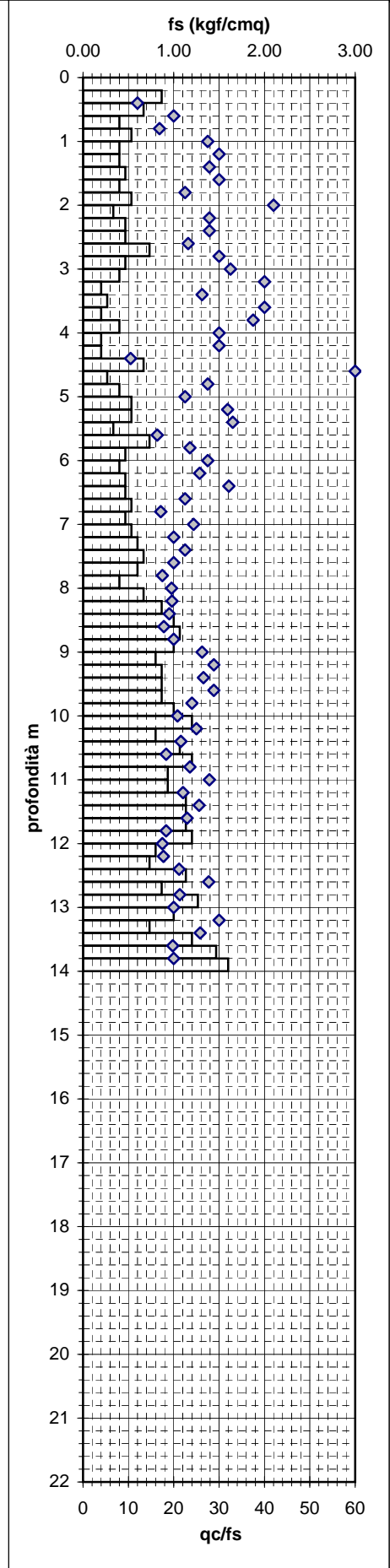
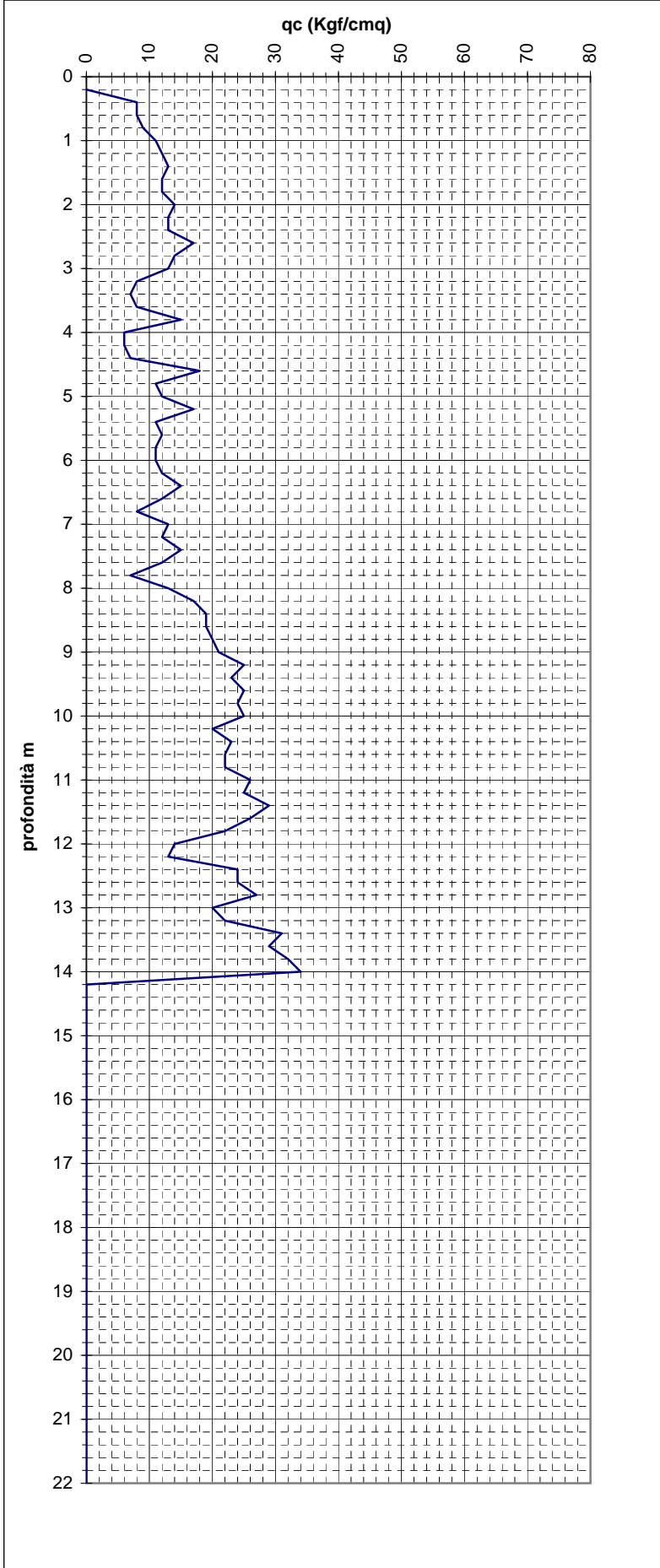
***STUDIO GEOLOGICO CENTROGEO***

*42015 Correggio (RE) - Piazza S. Quirino, 6 - tel 0522/641001 - Fax: 632162*

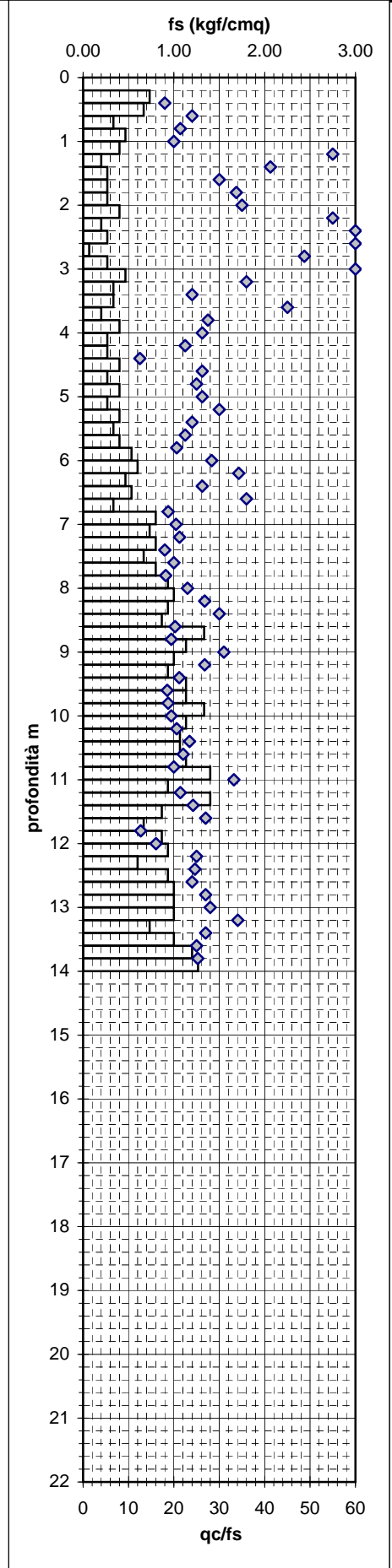
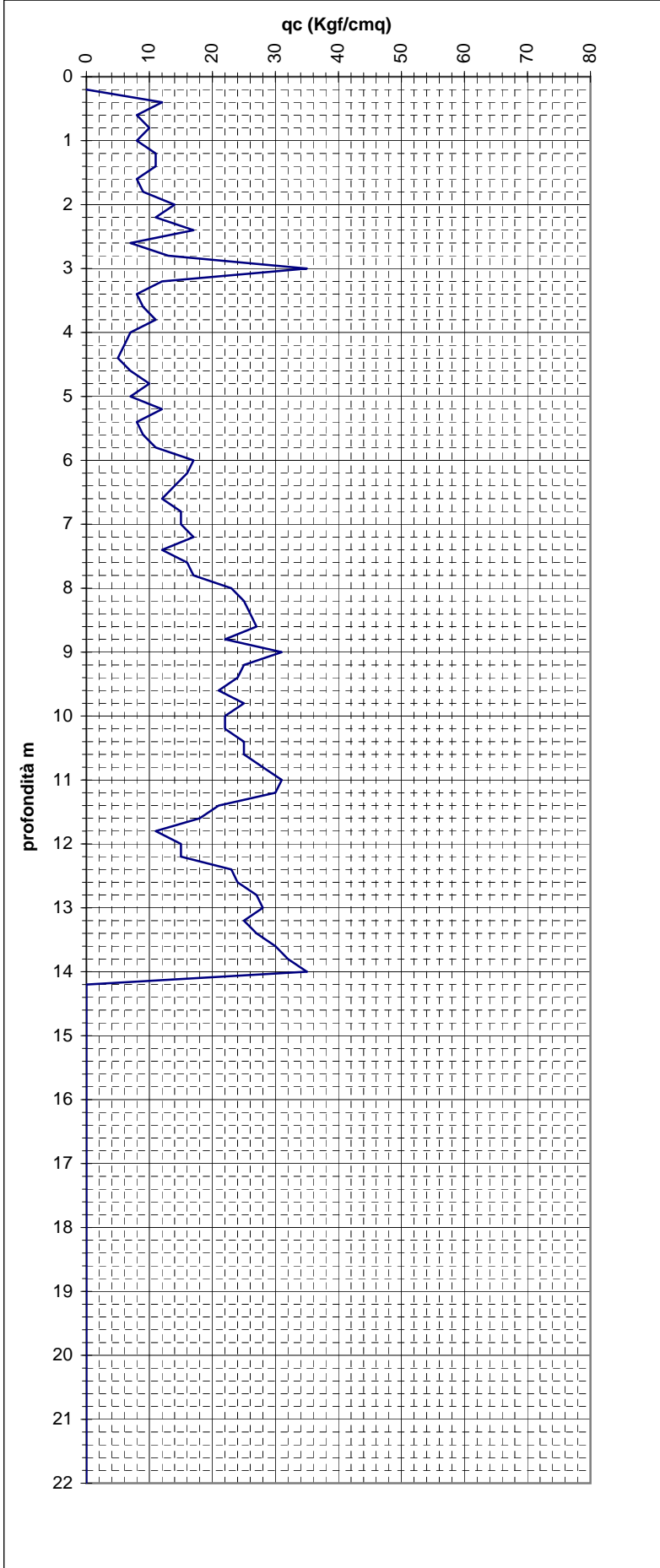
<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT01</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. E. Neviani		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) ANR4
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> Chiuso -2,80 m	<b>DATA:</b> 24/10/12



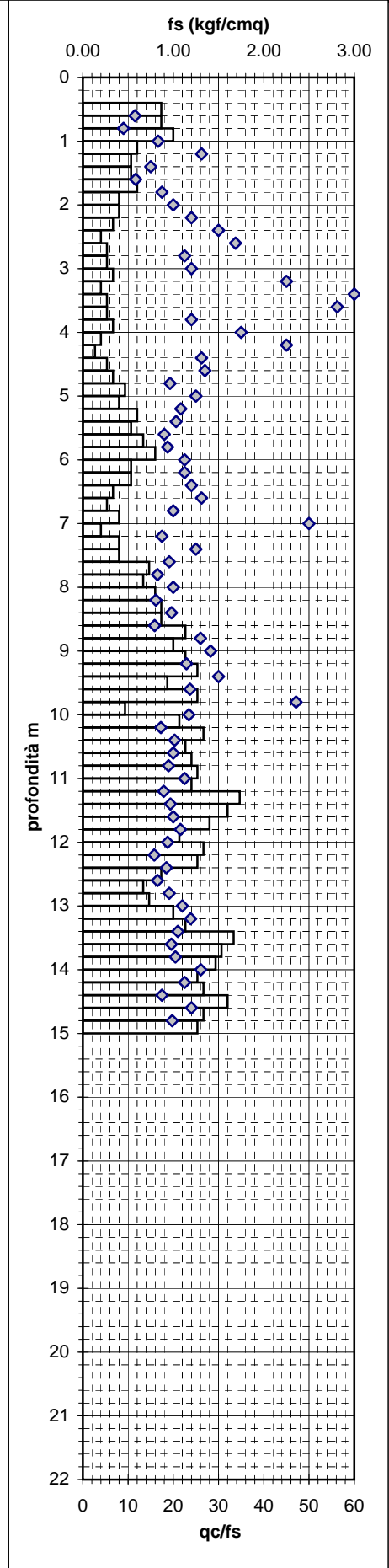
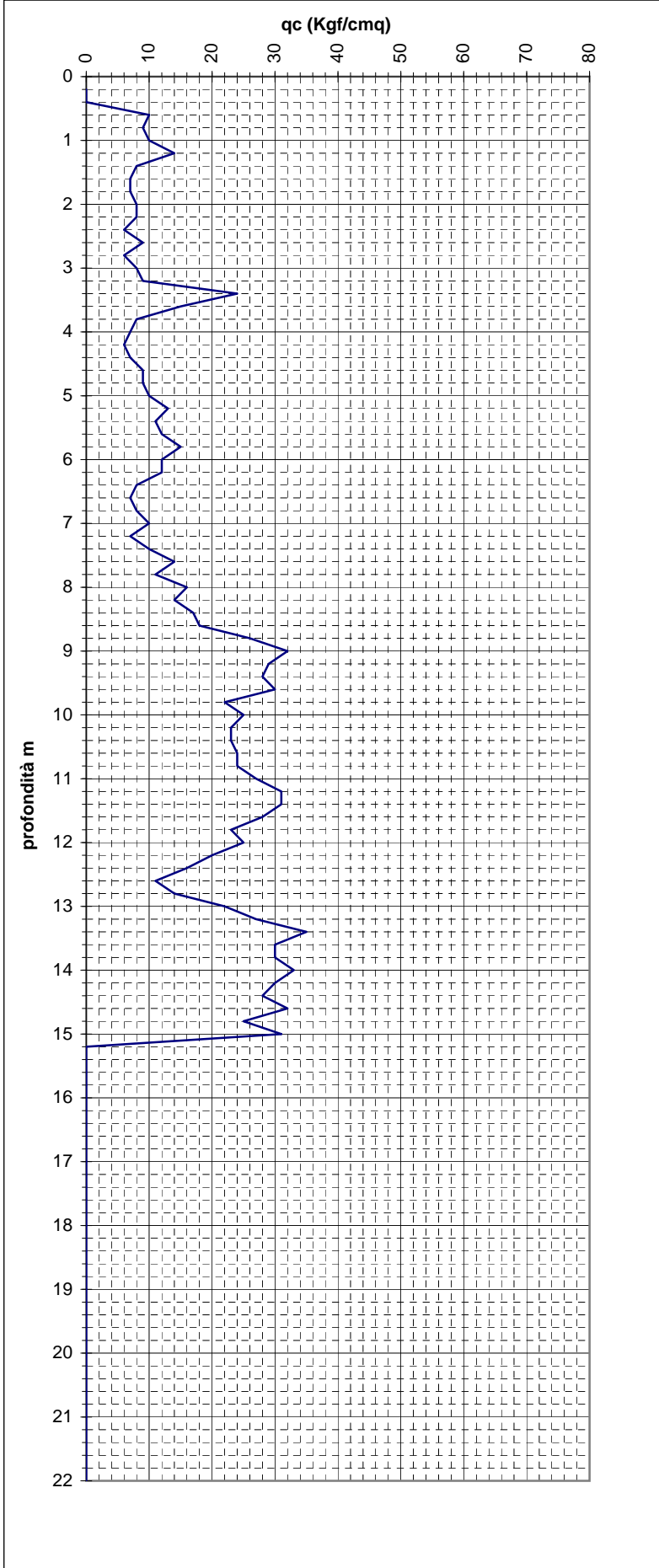
<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT02</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) ANR1
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> -0,80 m	<b>DATA:</b> 6/02/13



<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT03</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) ANR1
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> -0,95 m	<b>DATA:</b> 6/02/13

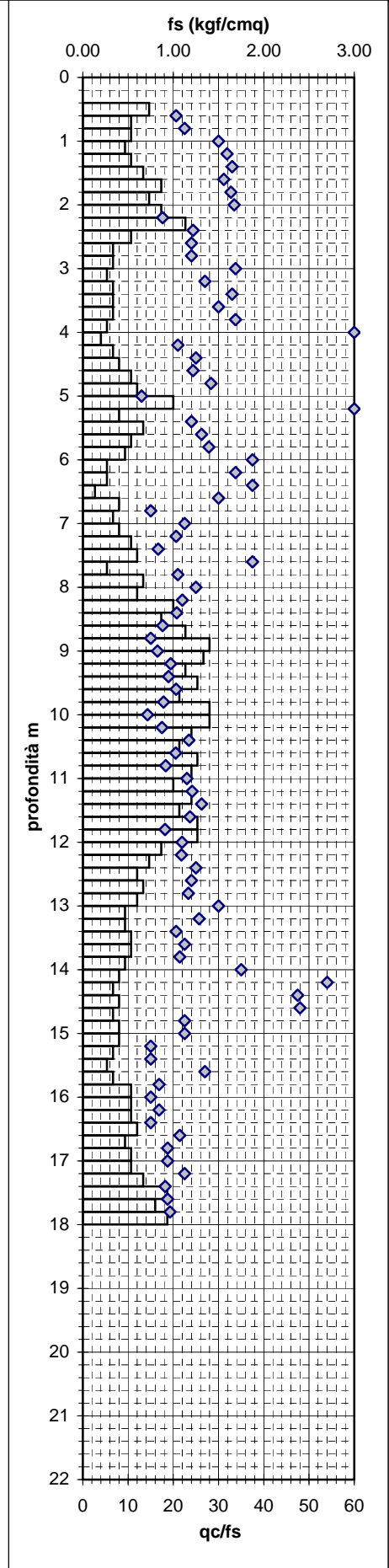
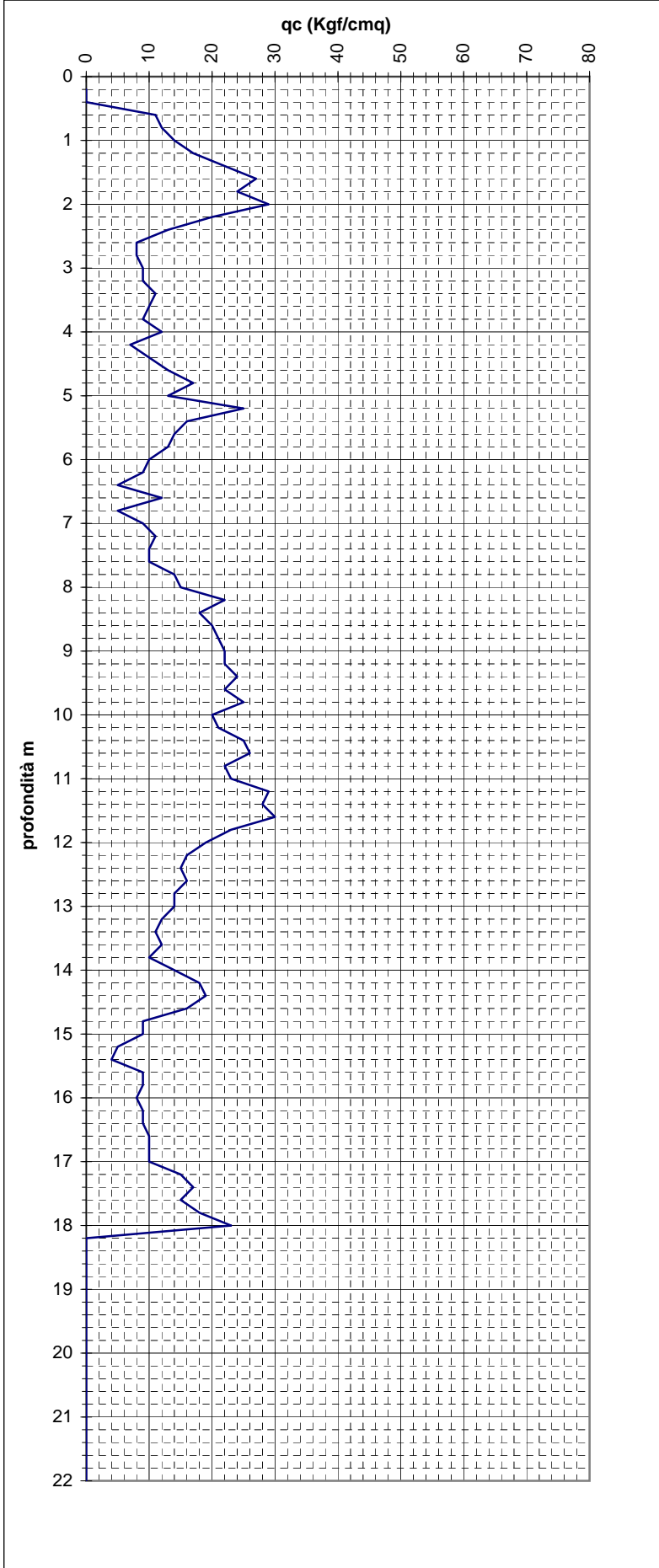


<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT04</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) ANR3
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> -1,20 m	<b>DATA:</b> 6/02/13



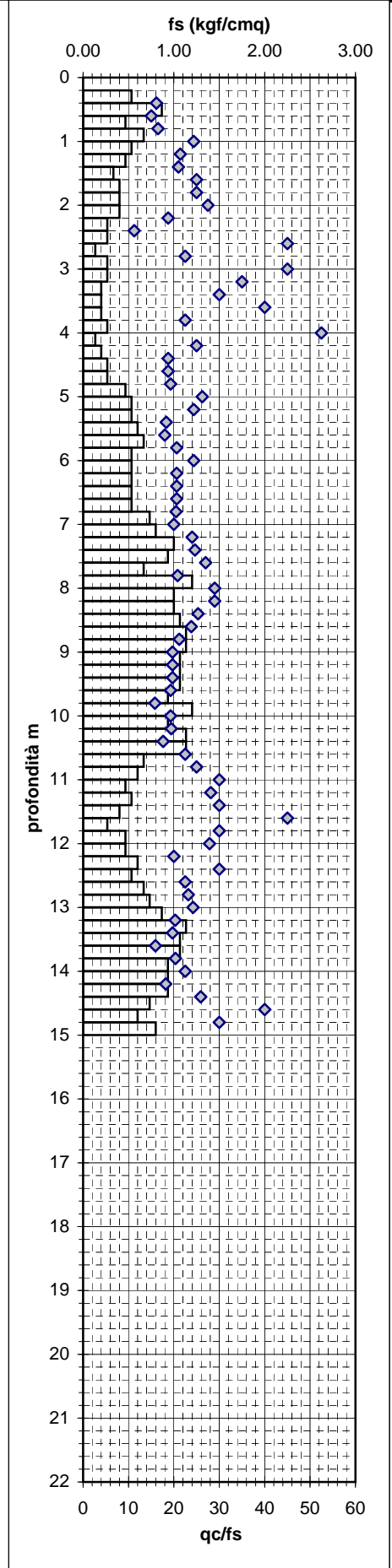
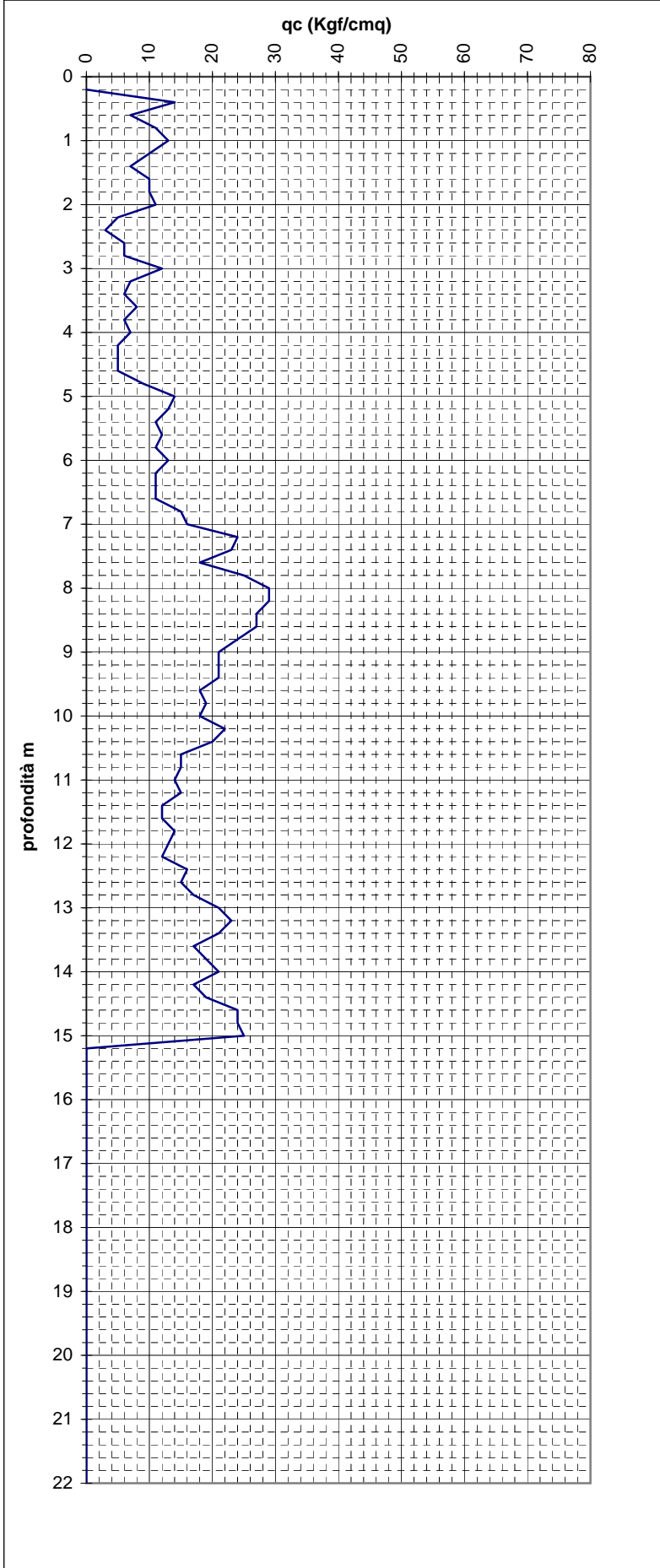


<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT05</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) ANR3
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> -2,00 m	<b>DATA:</b> 6/02/13

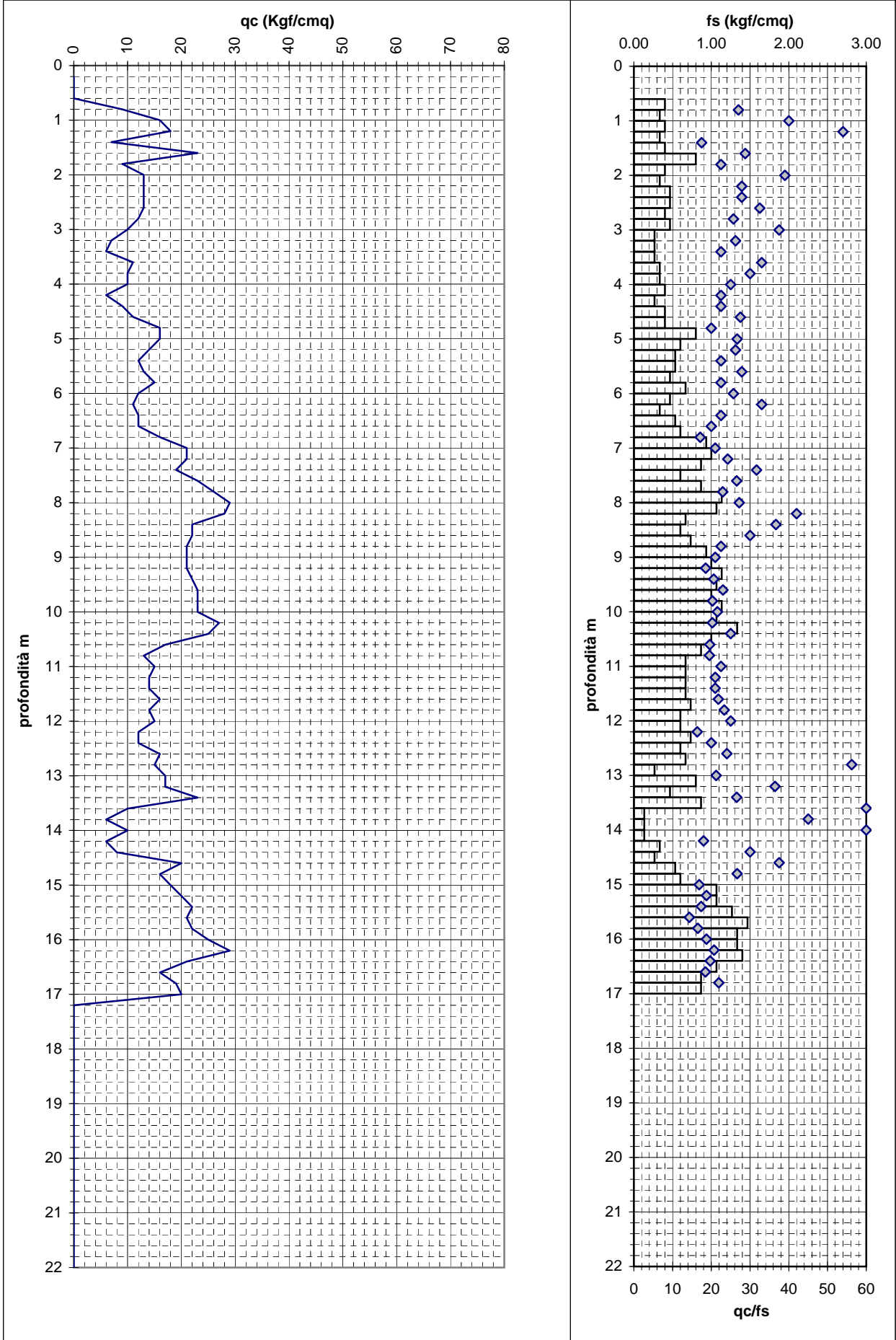


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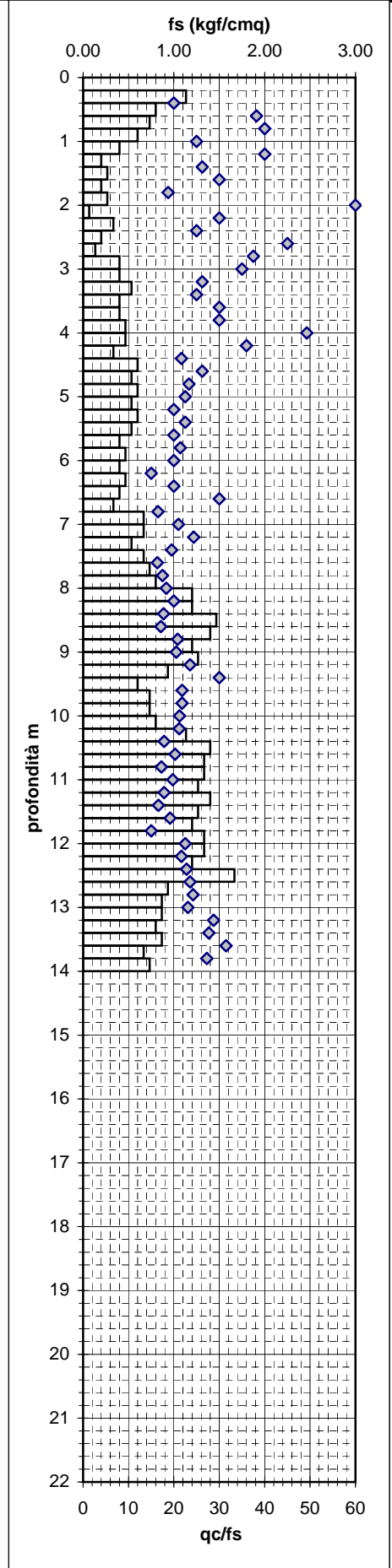
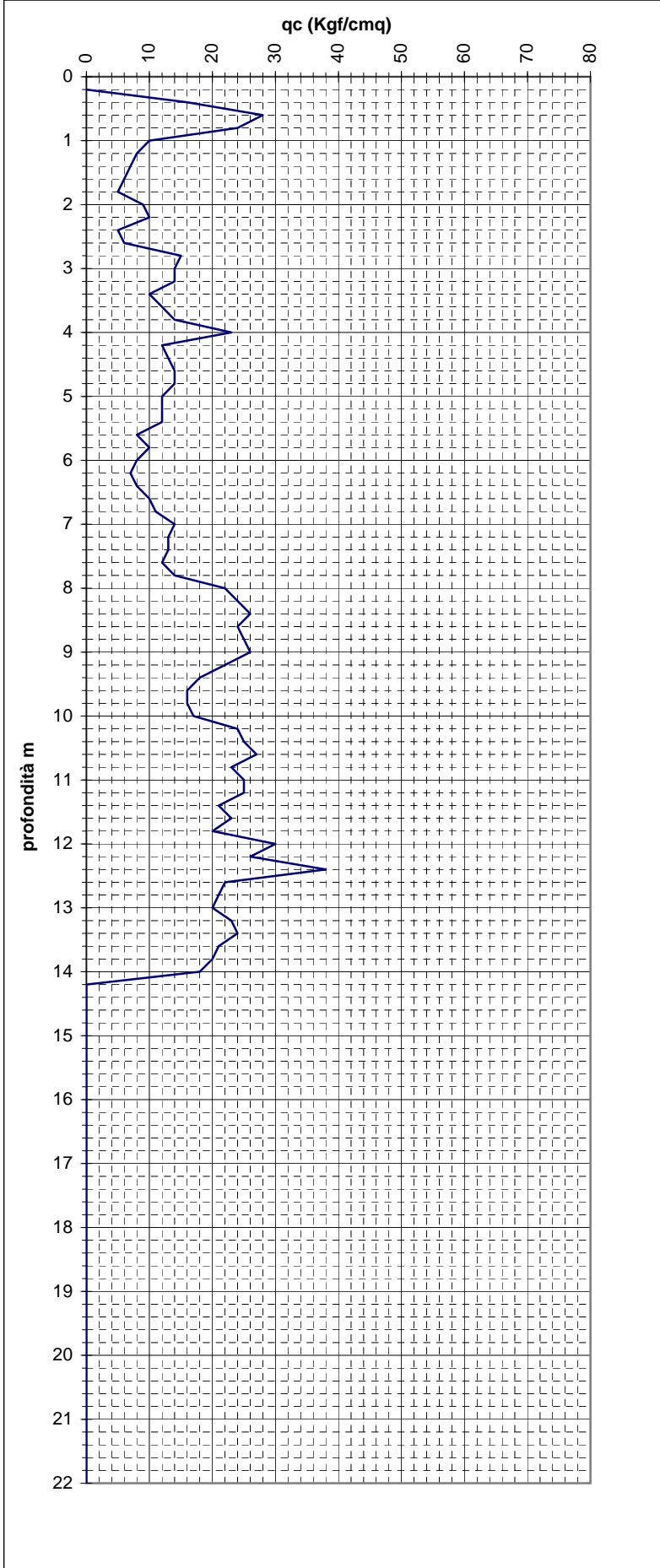
<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT06</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) Stazione
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> -2,00 m	<b>DATA:</b> 7/02/13



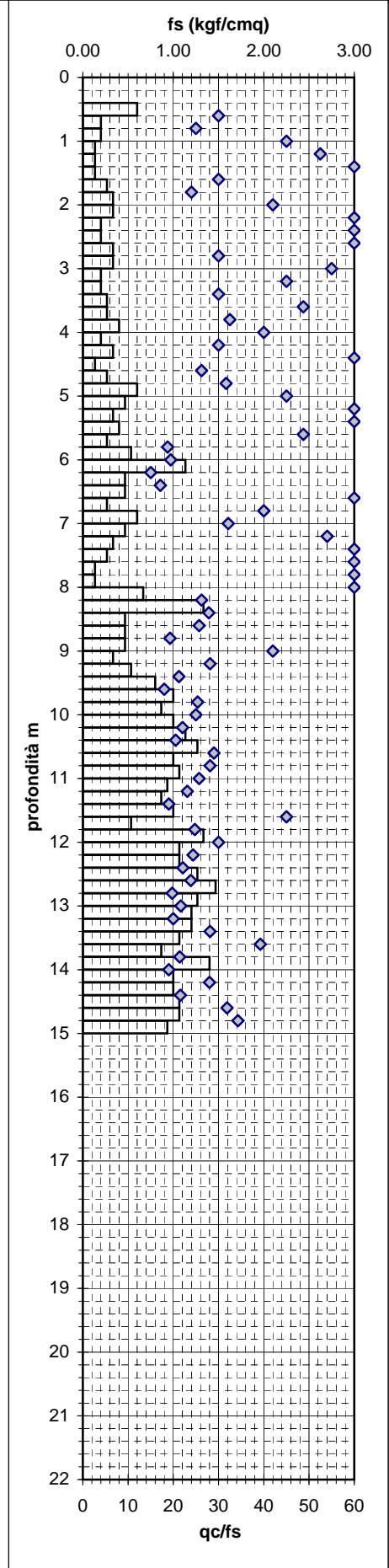
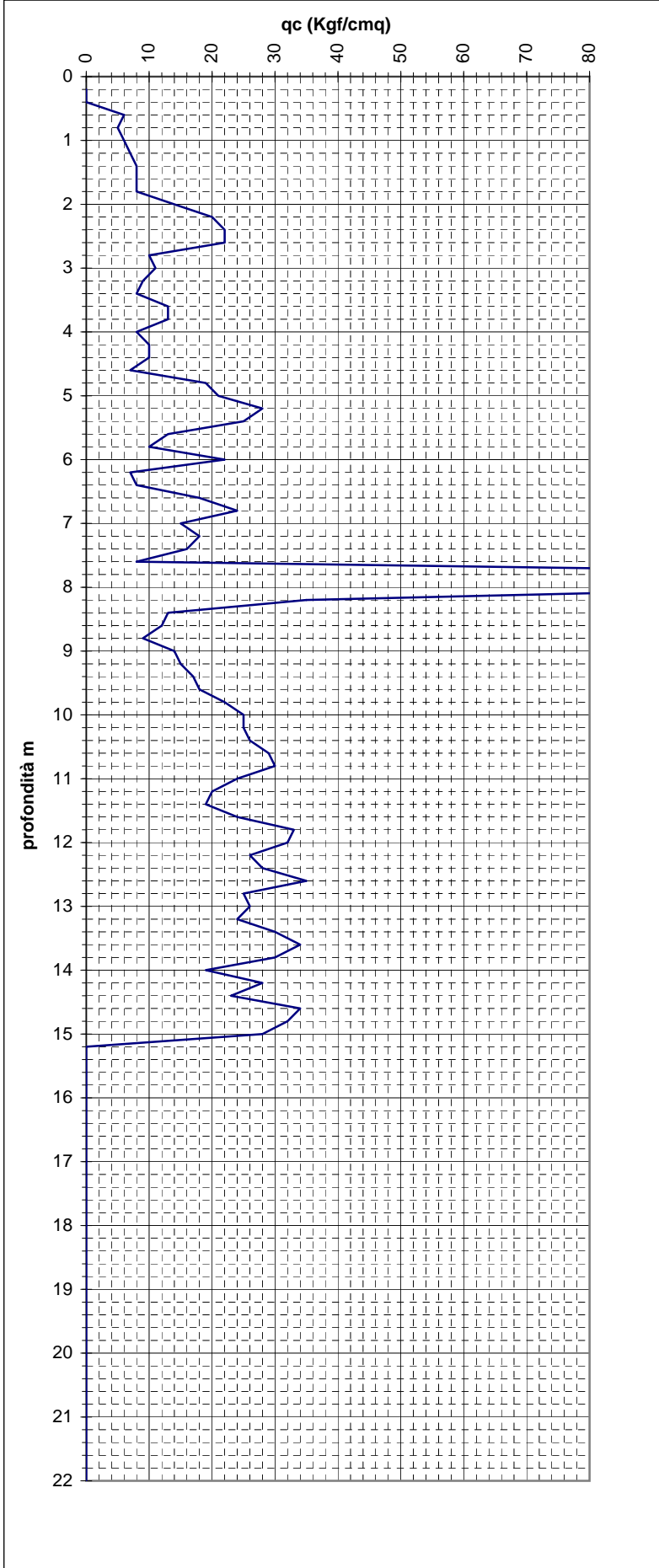
<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT07</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) Stazione
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> -1,30 m	<b>DATA:</b> 7/02/13



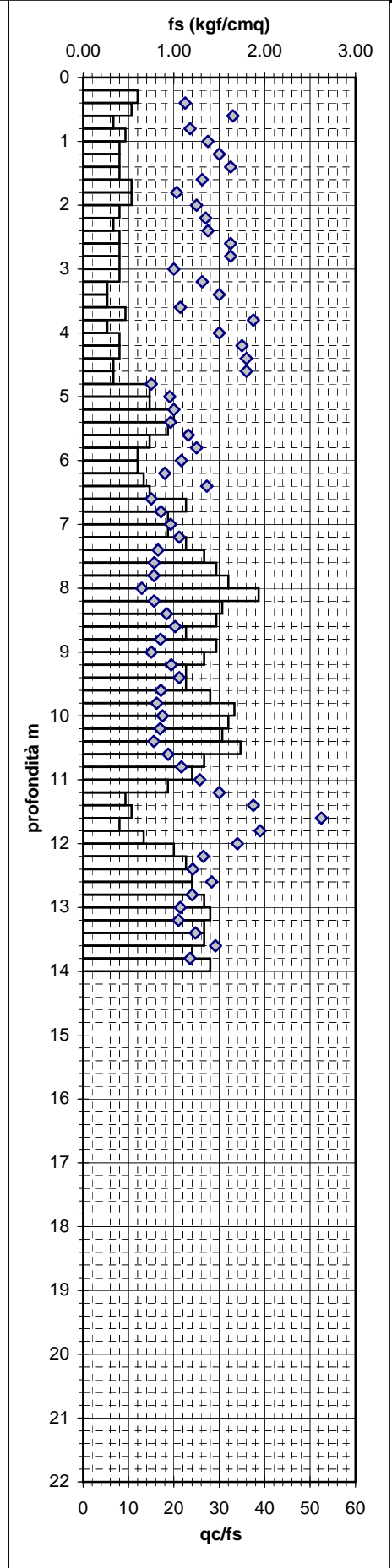
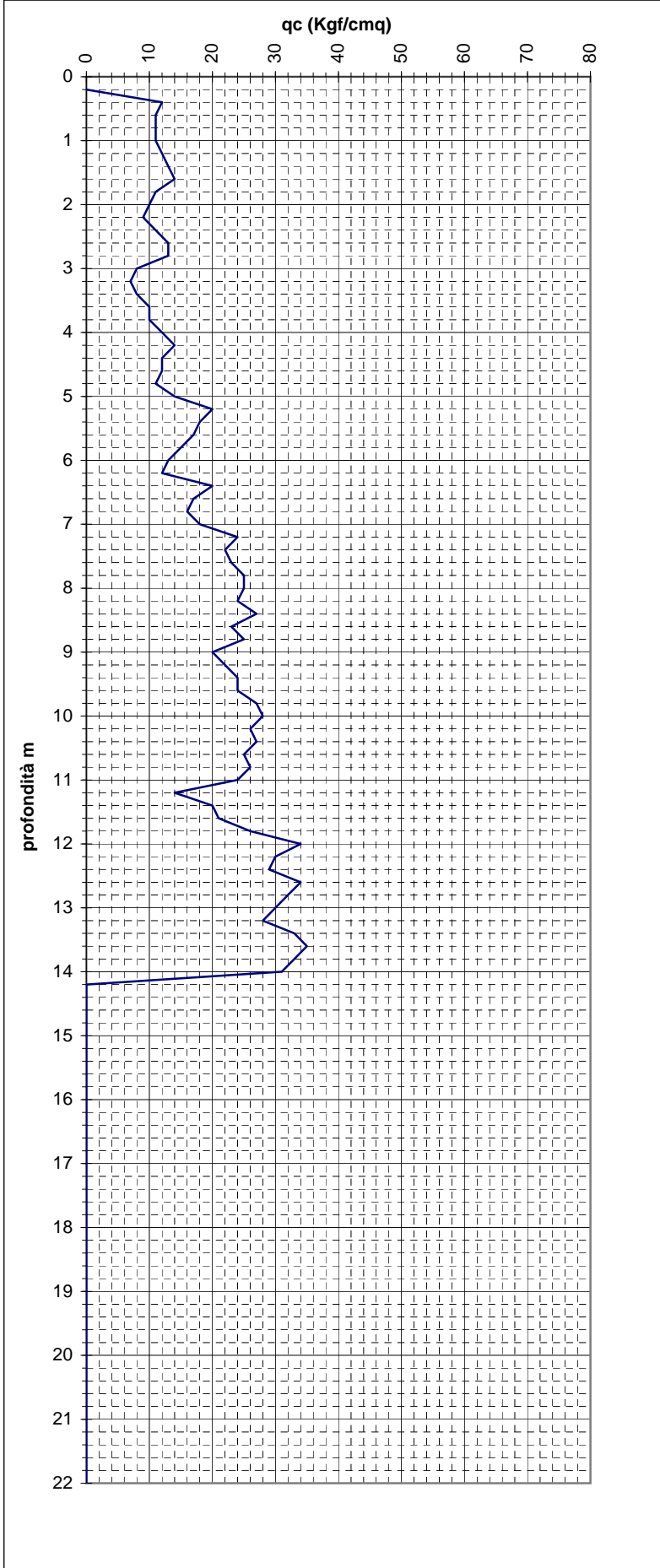
<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT08</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) ANR5
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> -0,80 m	<b>DATA:</b> 7/02/13



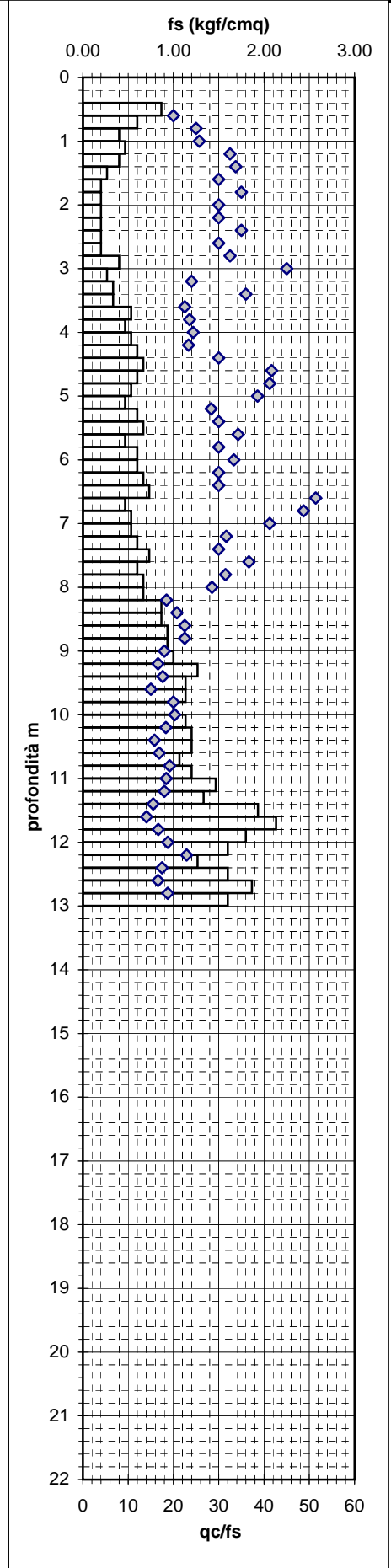
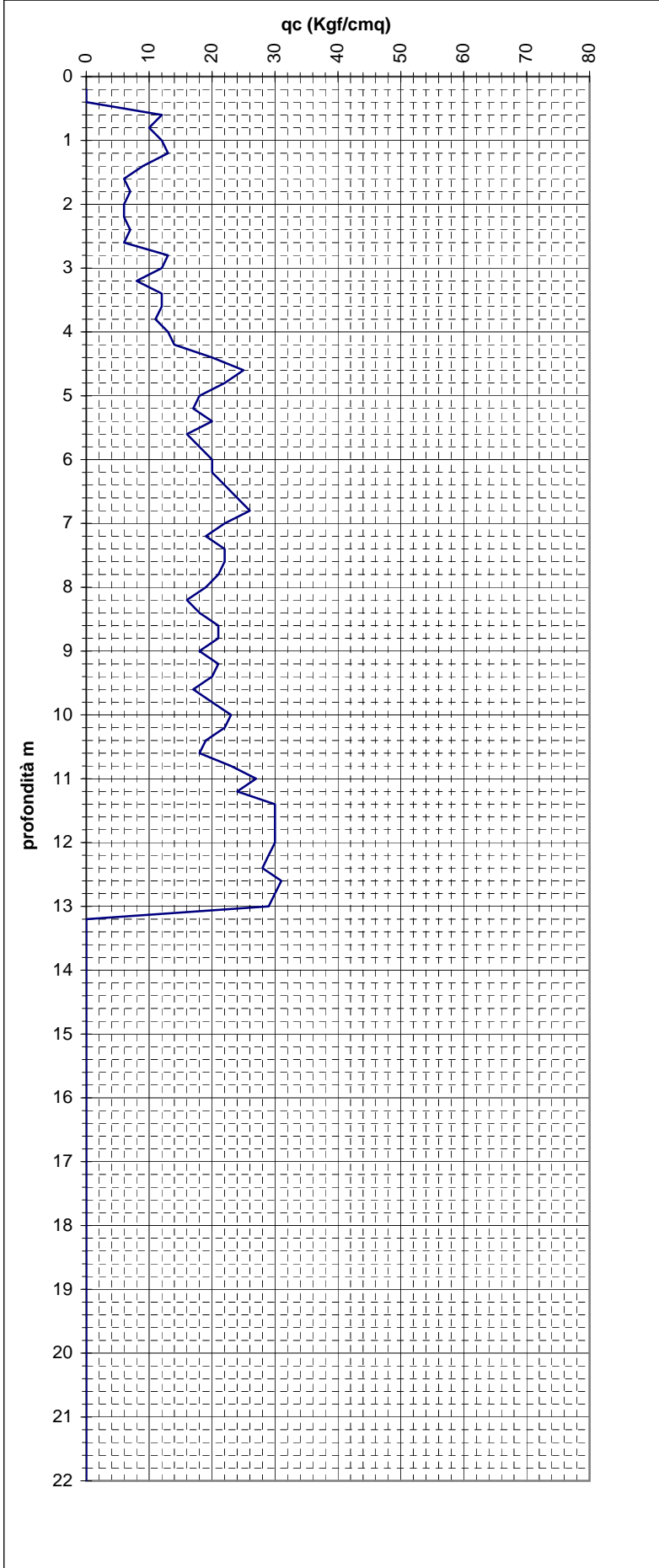
<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT09</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) ANR5
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> -0,90 m	<b>DATA:</b> 7/02/13



<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT10</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) ANR2
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> -2,55 m	<b>DATA:</b> 7/02/13

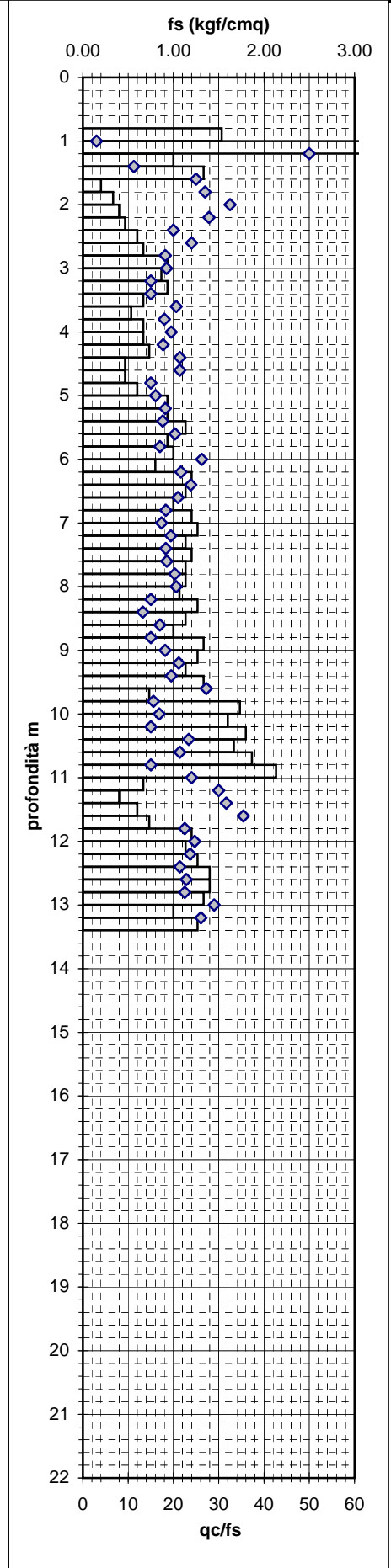
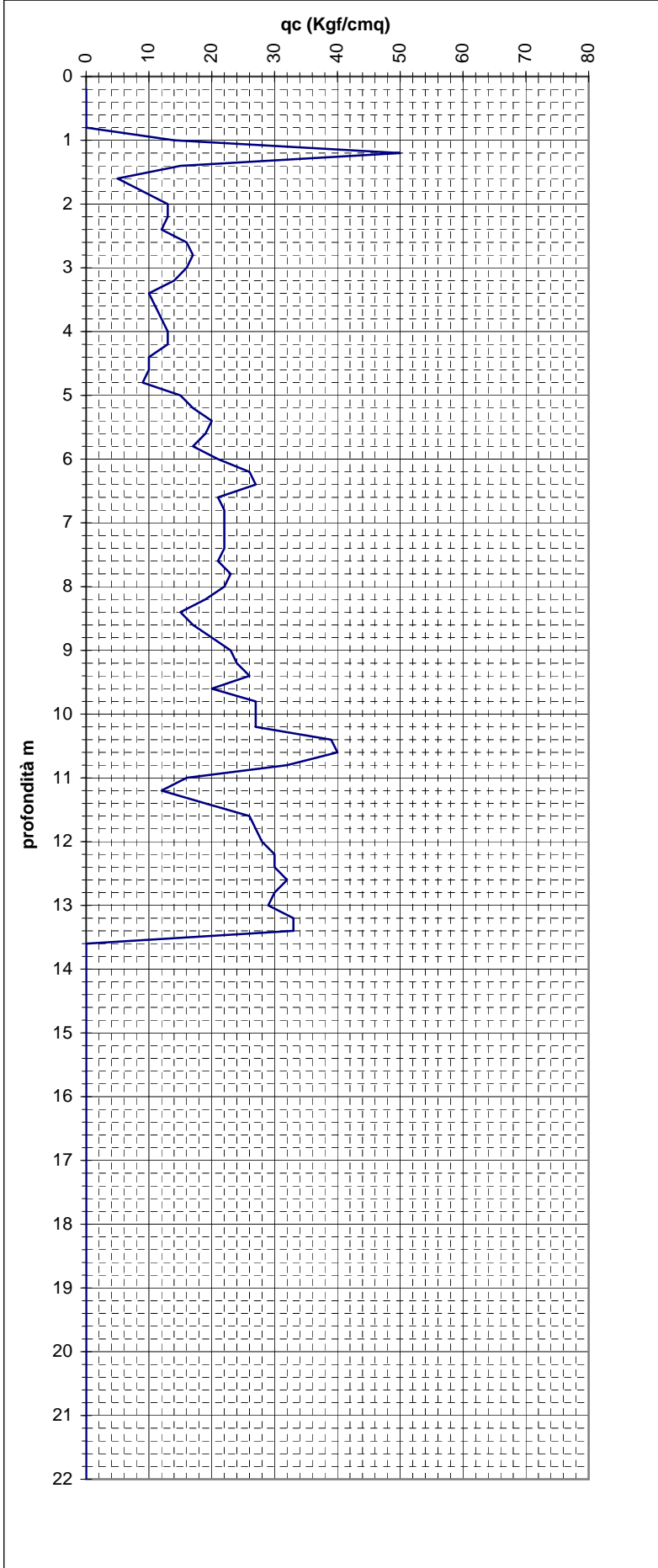


<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT11</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) Dallari
<b>QUOTA:</b> Piano Campagna	<b>Profondità falda:</b> -0,50 m	<b>DATA:</b> 21/03/13	

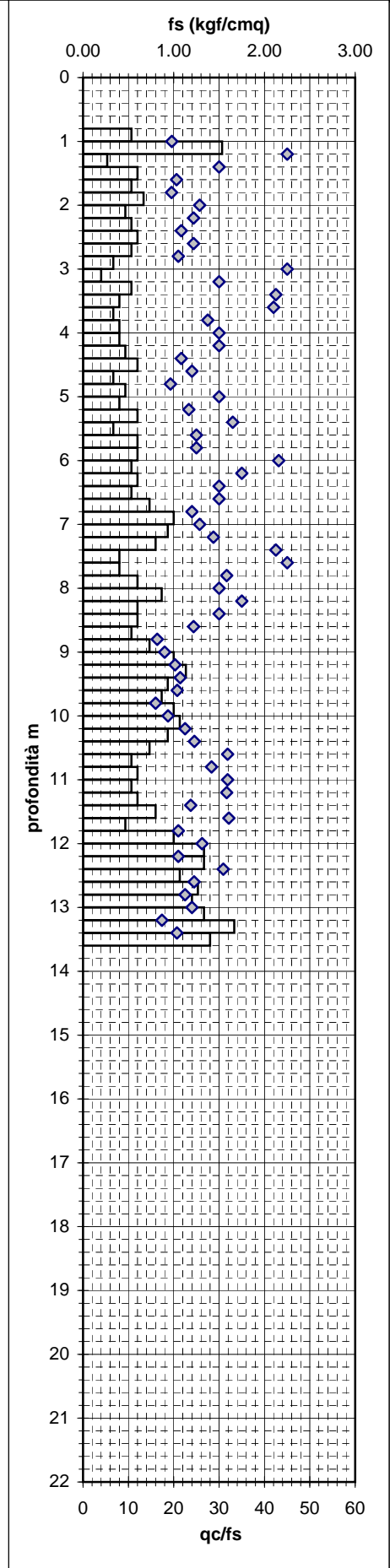
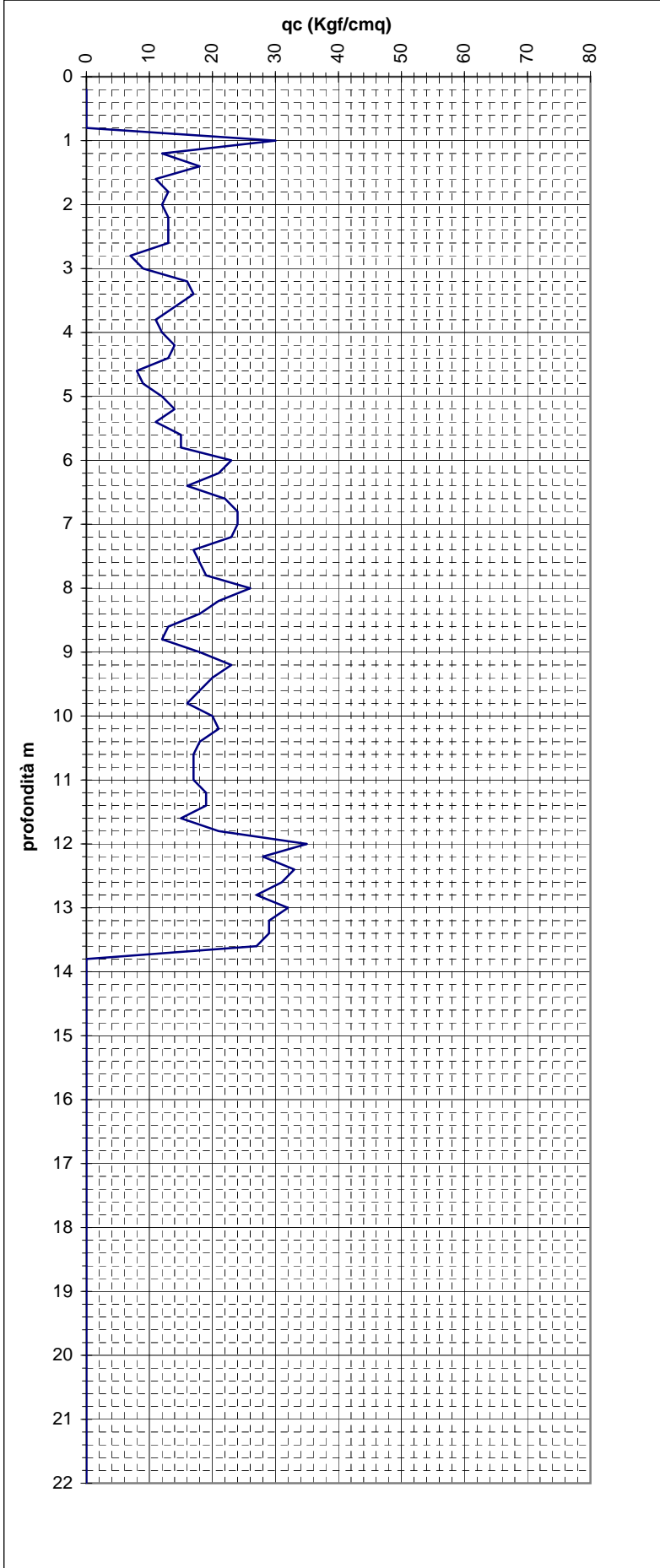




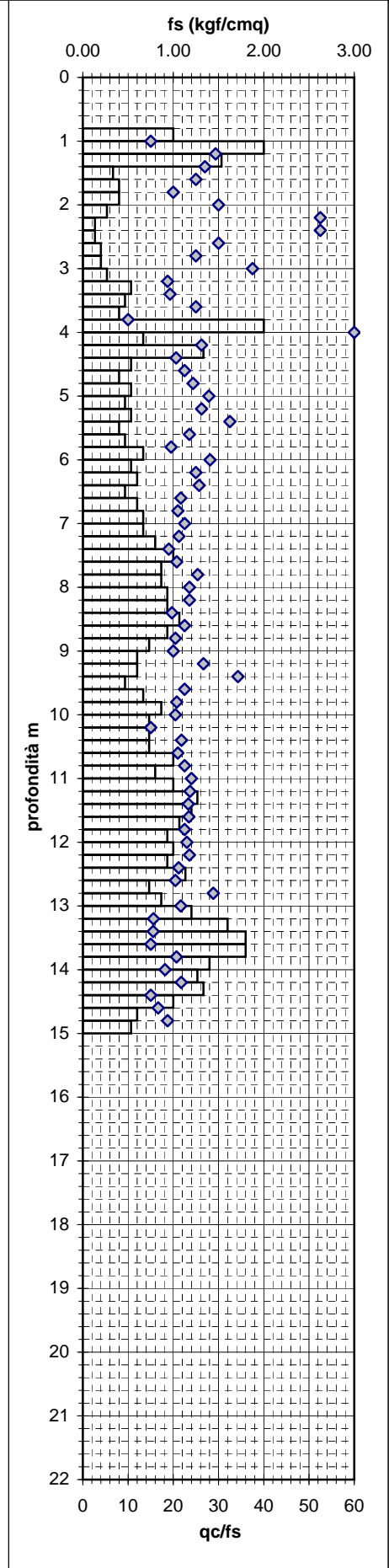
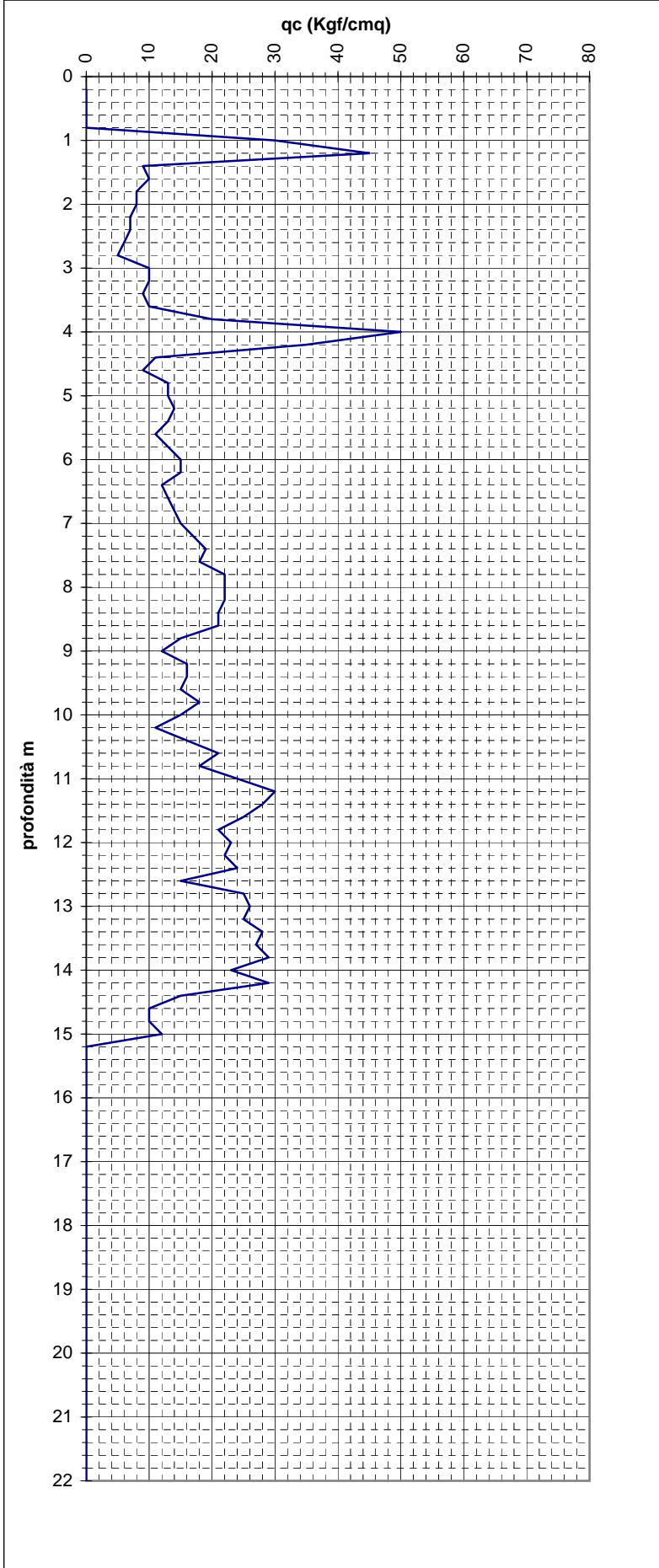
<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162	<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT12</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi	<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) Macello
<b>QUOTA:</b> Piano Campagna	<b>Profondità falda:</b> -1,90 m	<b>DATA:</b> 21/03/13



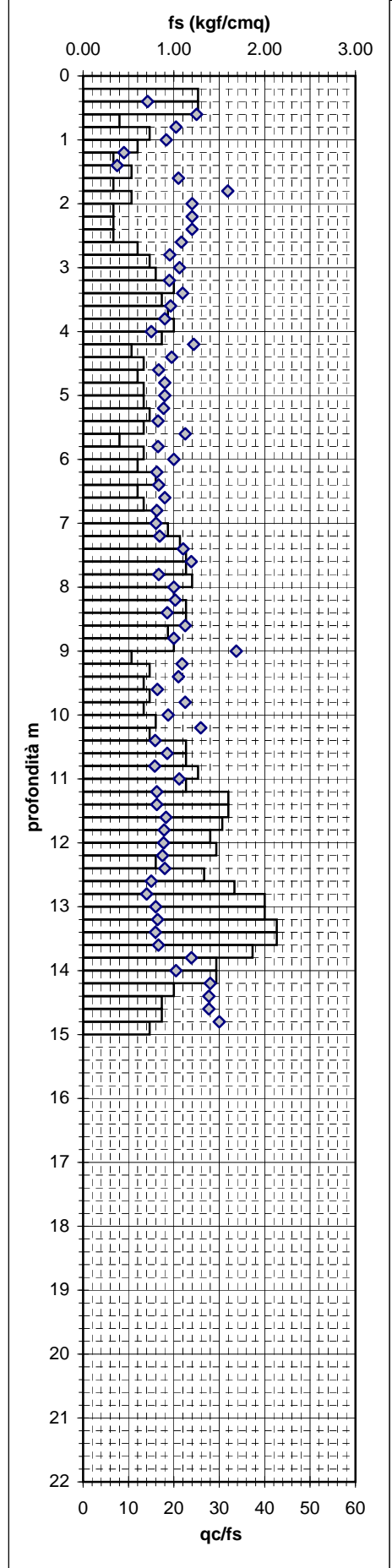
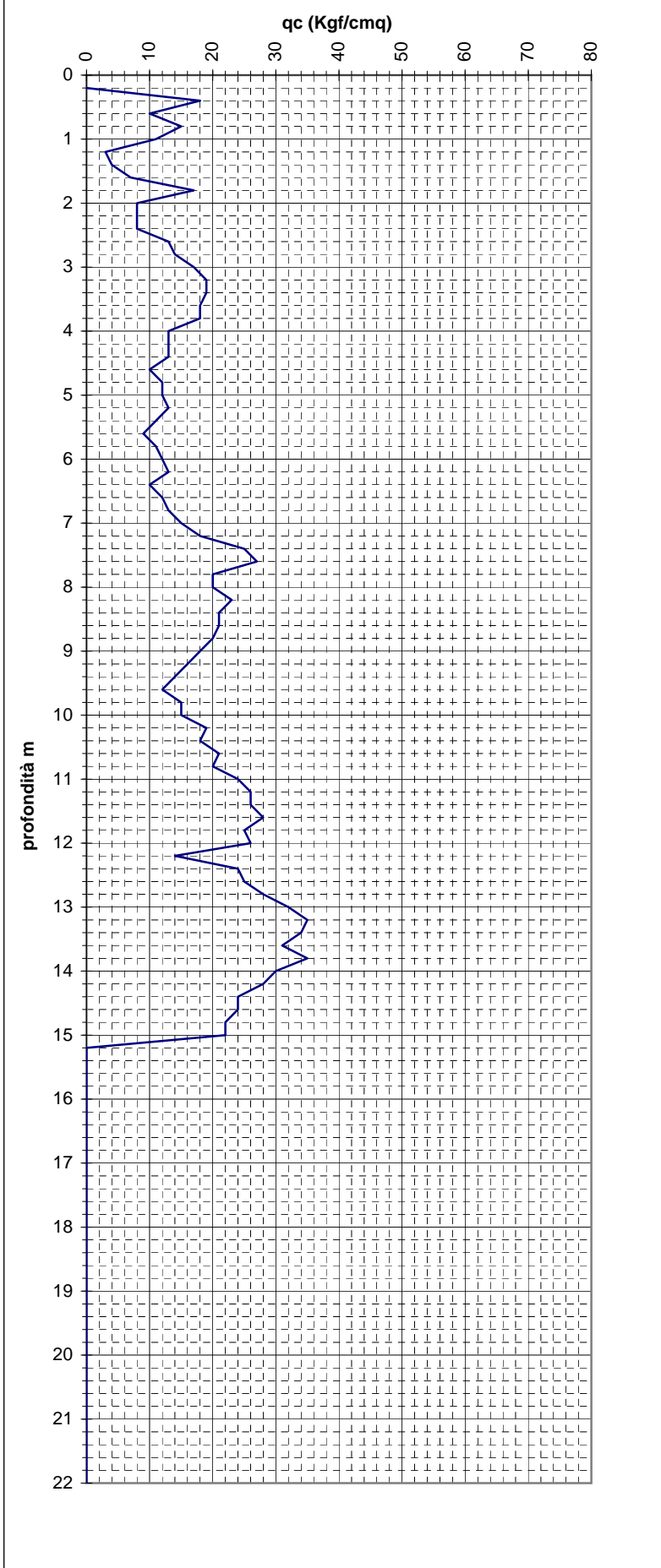
<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT13</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) Macello
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> -1,70 m	<b>DATA:</b> 21/03/13



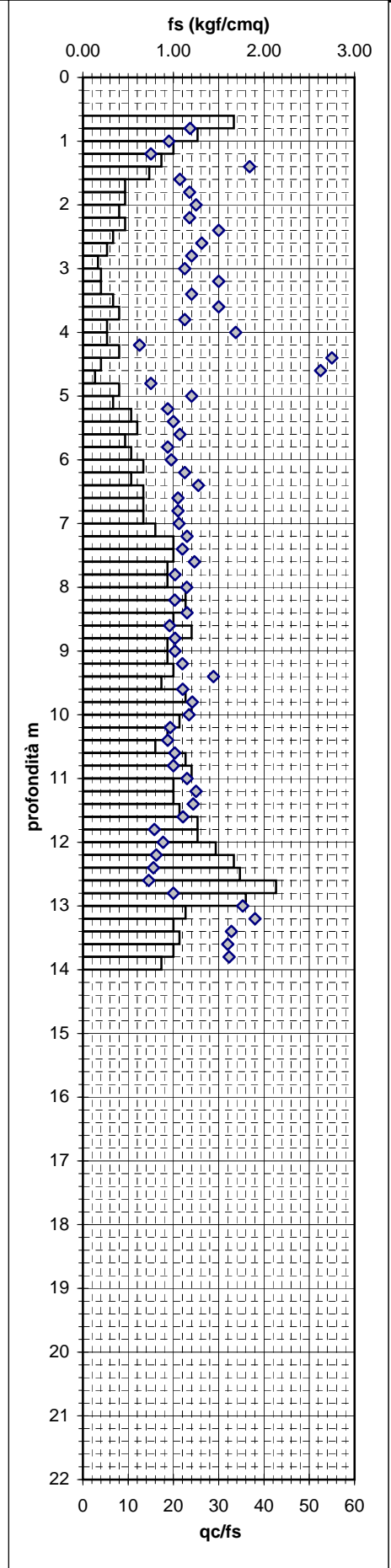
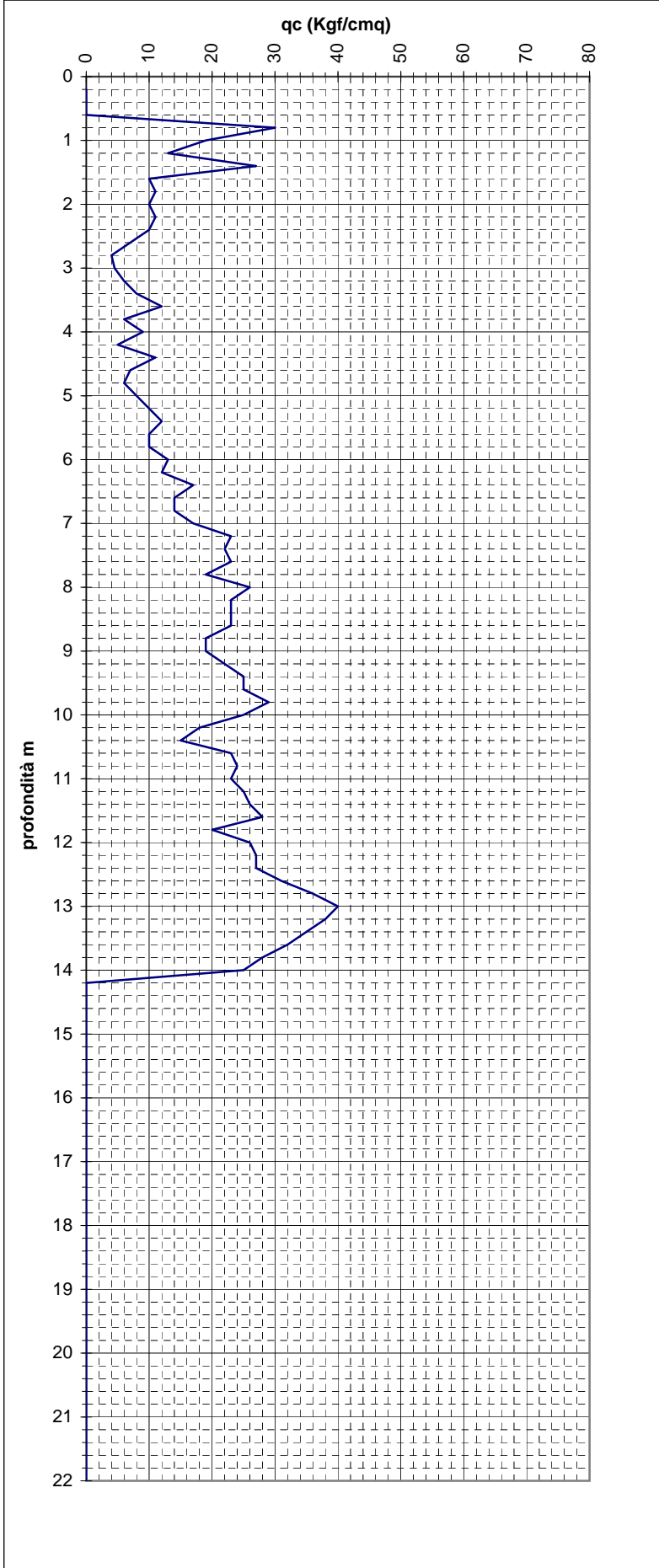
<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162	<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT14</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi	<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) Porta Sud
<b>QUOTA:</b> Piano Campagna	<b>Profondità falda:</b> -1,00 m	<b>DATA:</b> 26/03/13



<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT15</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) Porta Sud
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> -1,40 m	<b>DATA:</b> 26/03/13



<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162		<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT16</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi		<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) Piscina - Bianchini
<b>QUOTA:</b> Piano Campagna		<b>Profondità falda:</b> -1,30 m	<b>DATA:</b> 26/03/13



<b>CENTROGEO</b> Correggio (RE) Piazza S. Quirino n° 6 Tel 0522 641001 - fax. 0522 632162	<b>PROVA PENETROMETRICA</b> C.P.T. N° <b>CPT17</b>	<b>COMMITTENTE:</b> Amm. Comunale Bagnolo in Piano
<b>OPERATORE:</b> M.Mazzetti - Dr. A. Arbizzi	<b>ATTREZZO:</b> Pen. statico TM16	<b>CANTIERE:</b> Bagnolo (RE) Piscina - Bianchini
<b>QUOTA:</b> Piano Campagna	<b>Profondità falda:</b> -1,20 m	<b>DATA:</b> 26/03/13

