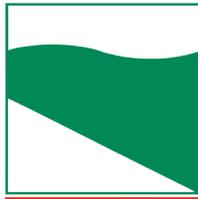




PROTEZIONE CIVILE  
Presidenza del Consiglio dei Ministri  
Dipartimento della Protezione Civile



Regione Emilia-Romagna



CONFERENZA DELLE REGIONI E  
DELLE PROVINCE AUTONOME

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

# MICROZONAZIONE SISMICA

## Livello 2

### Allegato 3 – Sezioni topografiche

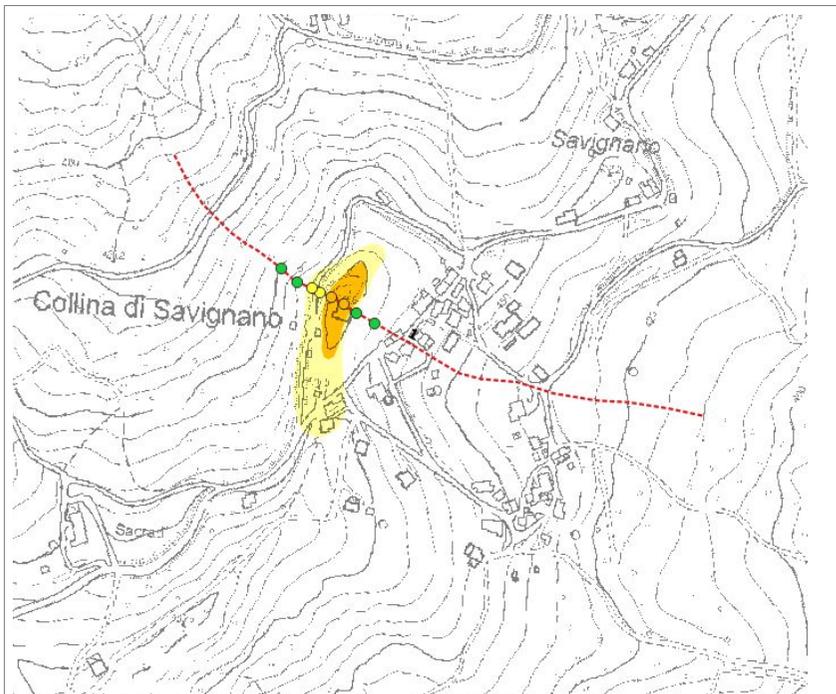
## Regione Emilia–Romagna

### Comune di Grizzana Morandi

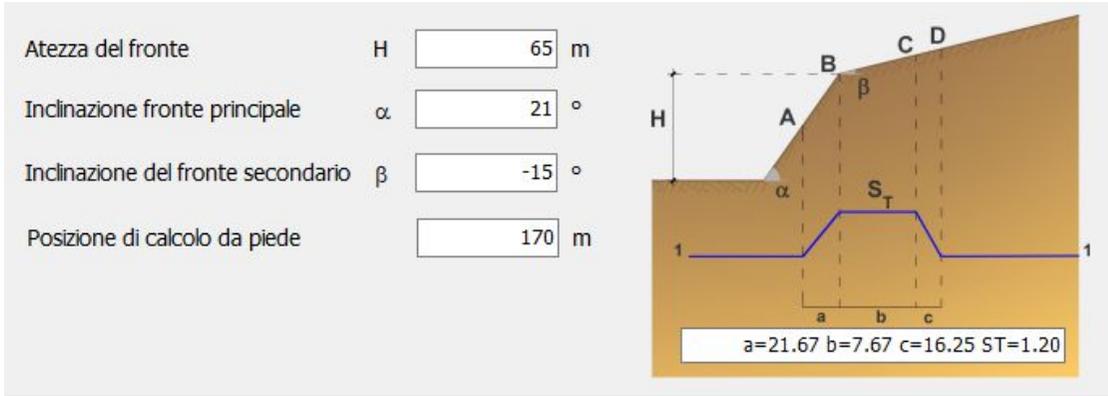
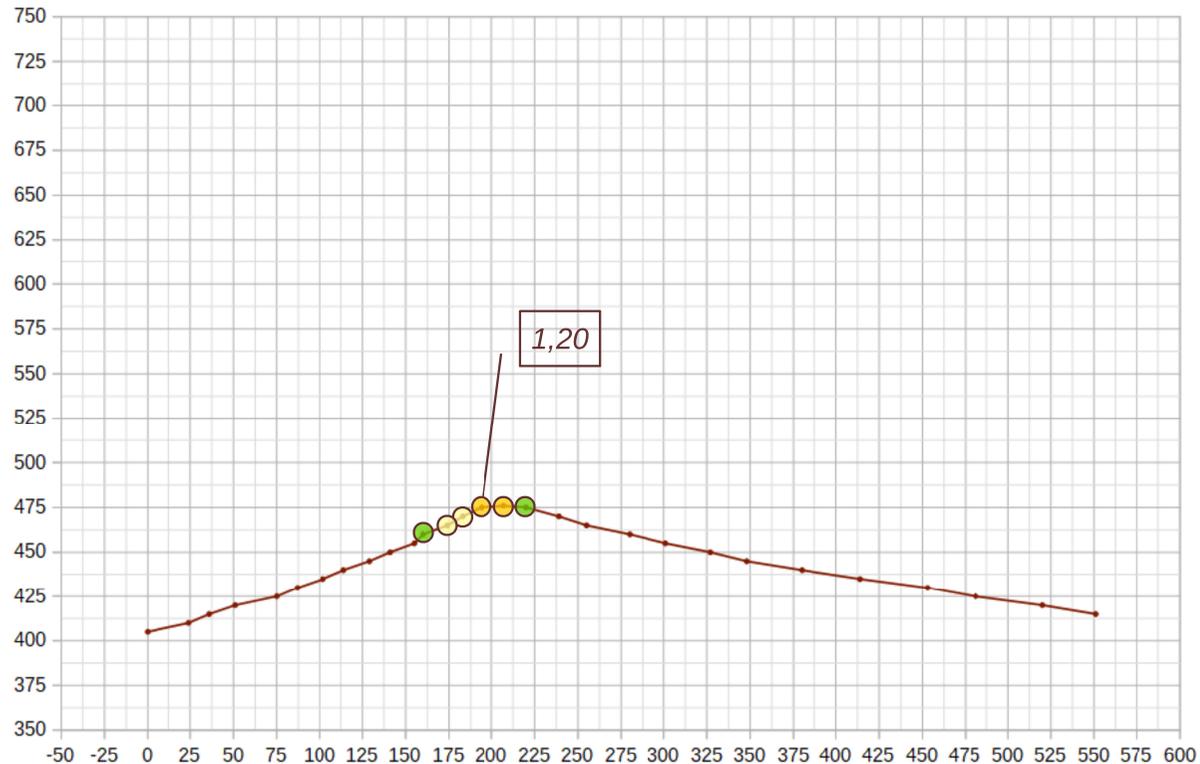


Regione	Soggetto realizzatore	Data
EMILIA–ROMAGNA	Raggruppamento temporaneo di professionisti Capogruppo: dott. geol. Samuel Sangiorgi Mandanti: dott. geol. Raffaele Brunaldi, dott. geol. Maurizio Zamboni, dott. geol. Antonio Milioto, ing. Marco Soglia	Luglio 2020

- ST = 1,0
- ST = 1,1
- ST = 1,2
- ST = 1,3
- ST = 1,4

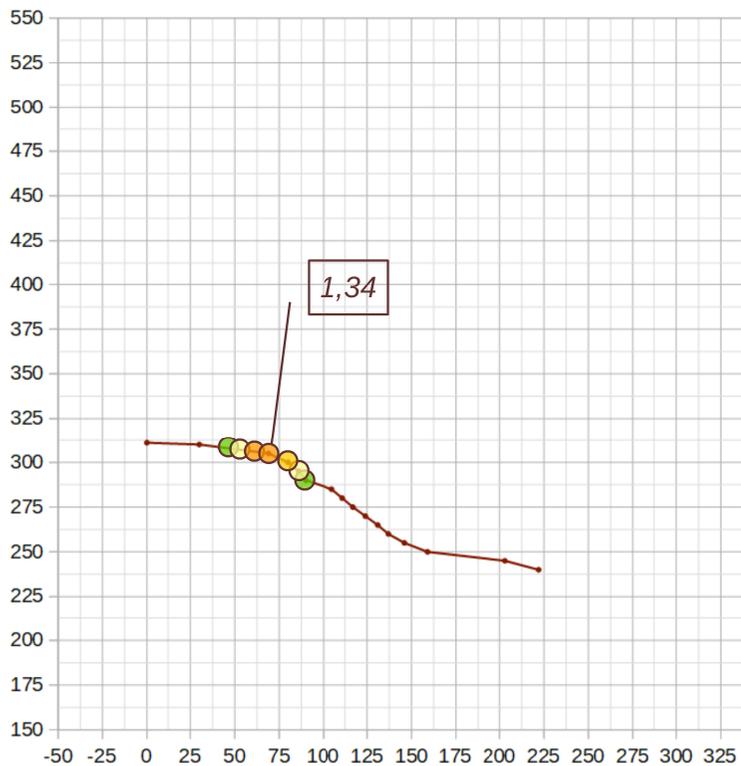


SEZIONE TOPOGRAFICA 1 - GRIZZANA MORANDI

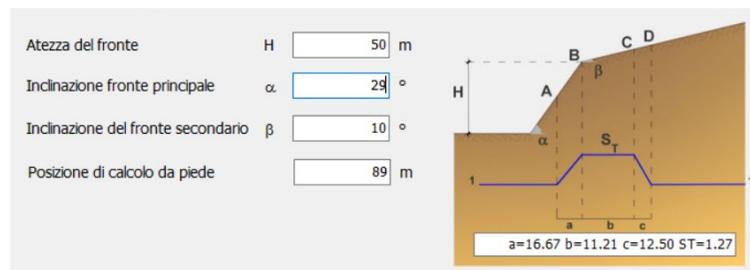
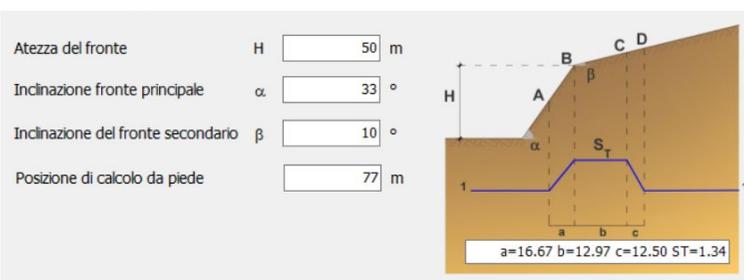
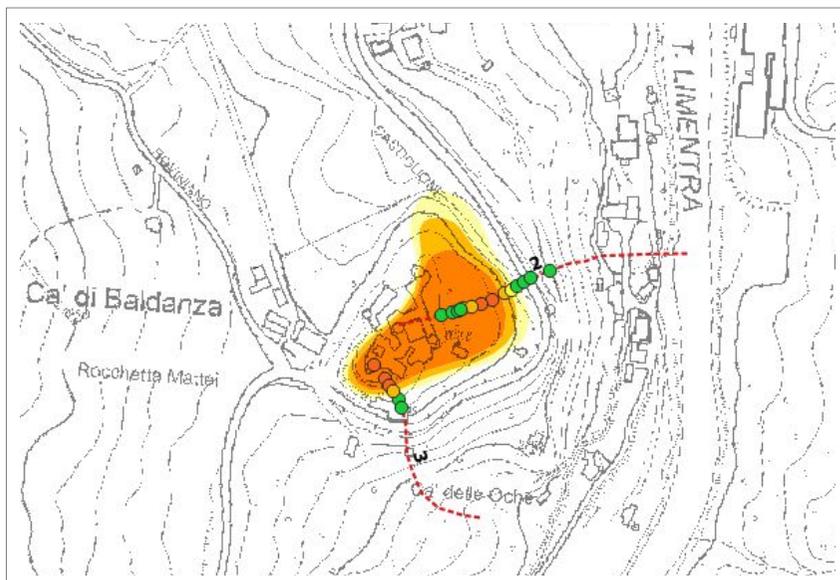
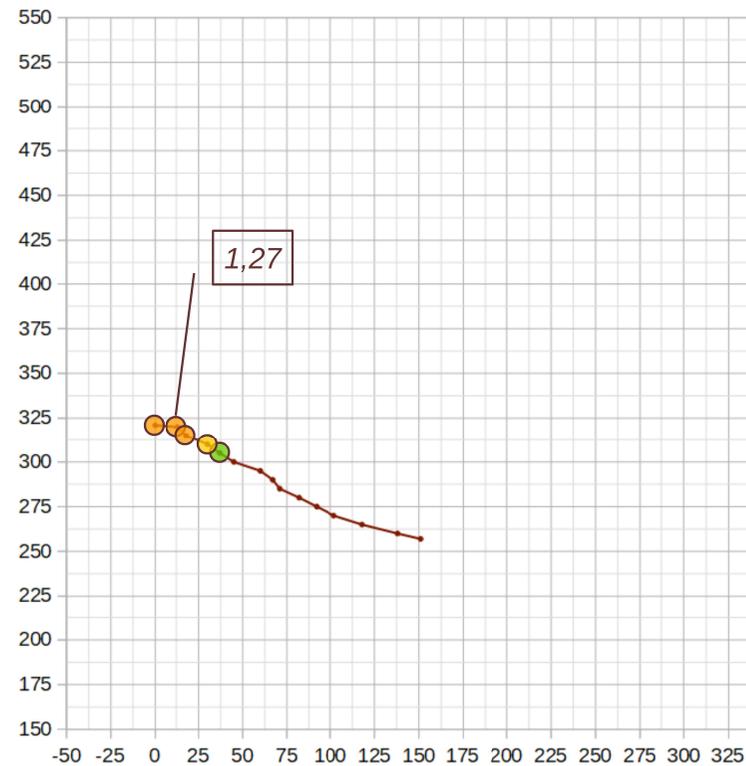


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- ST = 1,1
- ST = 1,2
- ST = 1,3
- ST = 1,4

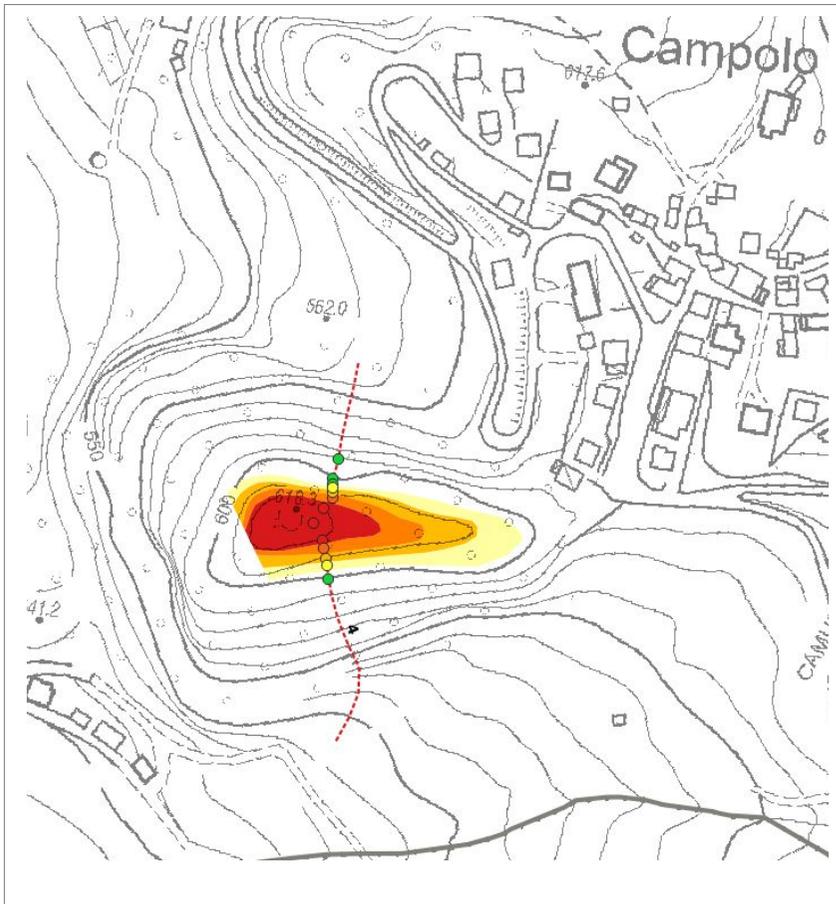
SEZIONE TOPOGRAFICA 2 - GRIZZANA MORANDI



SEZIONE TOPOGRAFICA 3 - GRIZZANA MORANDI



- ST = 1,0
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- ST = 1,2
- ST = 1,3
- ST = 1,4



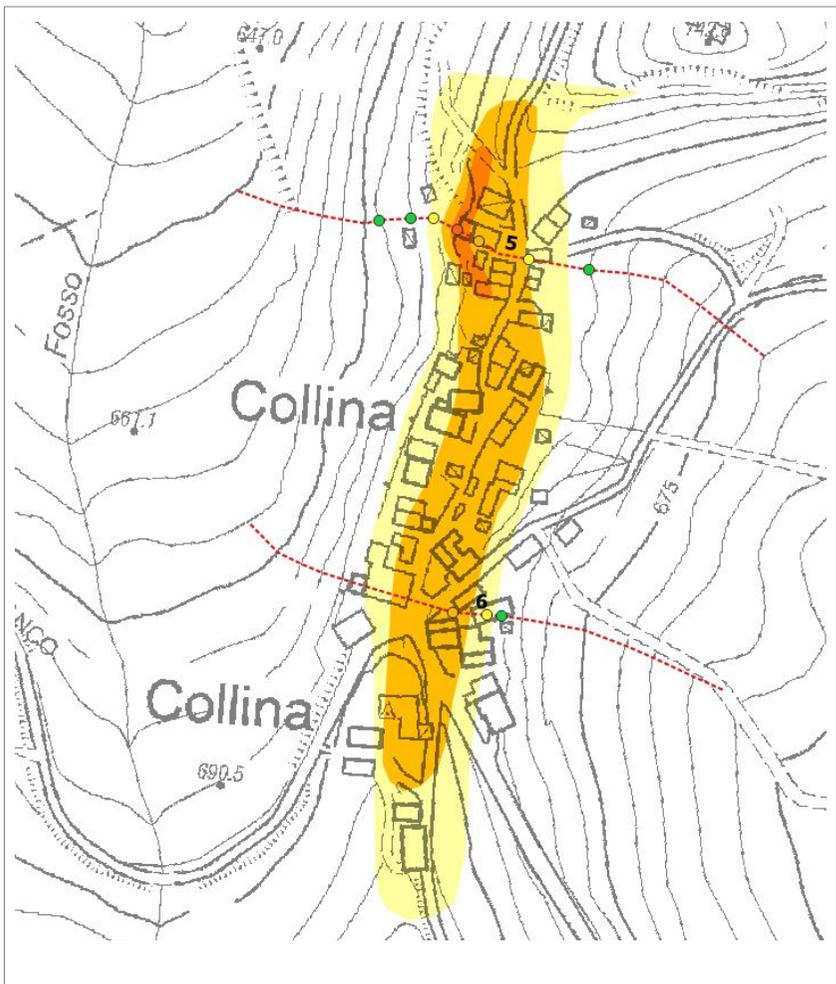
SEZIONE TOPOGRAFICA 4 - GRIZZANA MORANDI



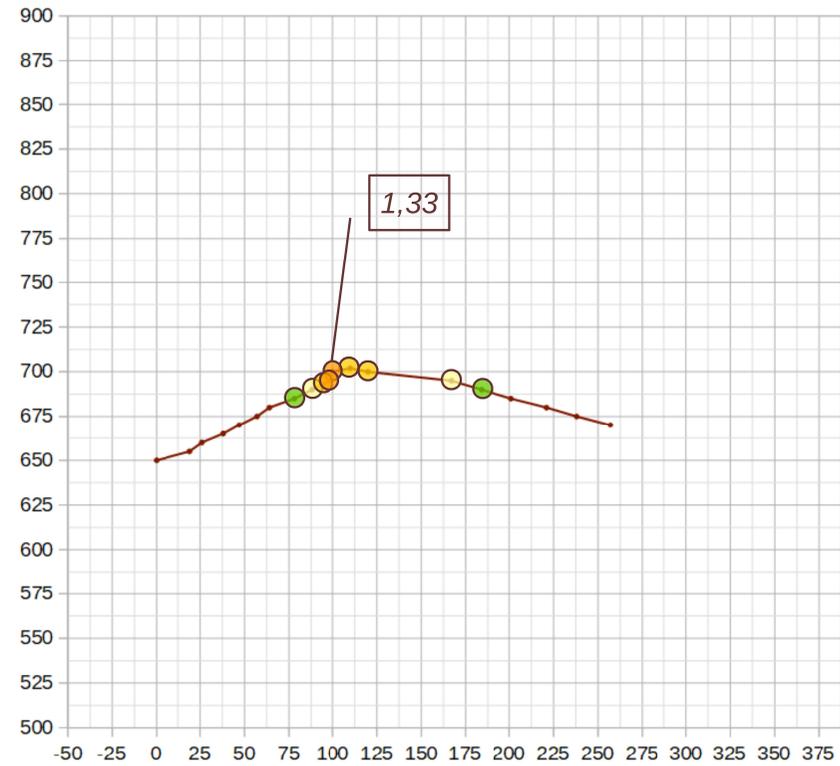
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Inclinazione fronte principale	$\alpha$	<input type="text" value="33"/>	°
Inclinazione del fronte secondario	$\beta$	<input type="text" value="-29"/>	°
Posizione di calcolo da piede		<input type="text" value="91"/>	m

$a=20.00$   $b=12.97$   $c=15.00$   $ST=1.59$

- ST = 1,0
- ST = 1,1
- ST = 1,2
- ST = 1,3
- ST = 1,4



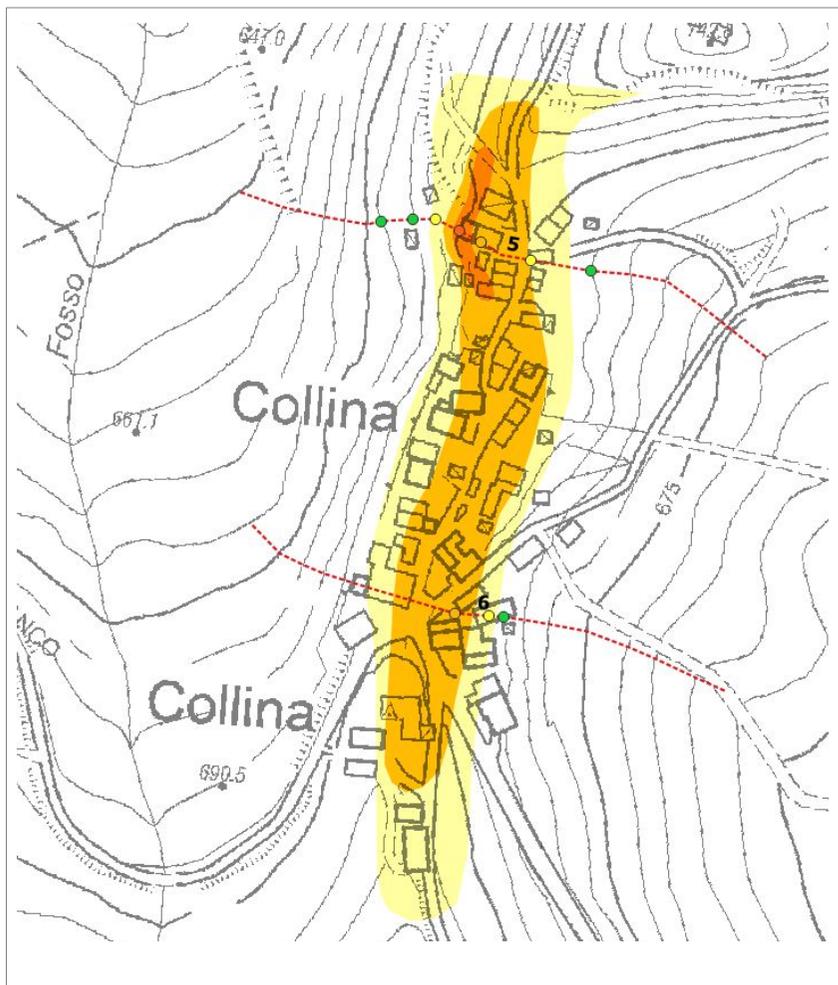
SEZIONE TOPOGRAFICA 5 - GRIZZANA MORANDI



Atezza del fronte	H	<input type="text" value="45"/>	m
Inclinazione fronte principale	$\alpha$	<input type="text" value="29"/>	°
Inclinazione del fronte secondario	$\beta$	<input type="text" value="-15"/>	°
Posizione di calcolo da piede		<input type="text" value="81"/>	m

**a=15.00 b=11.07 c=11.25 ST=1.33**

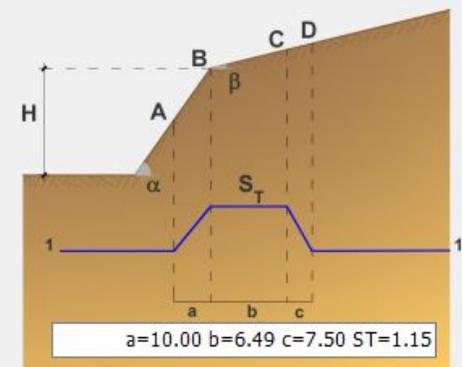
- ST = 1,0
- ST = 1,1
- ST = 1,2
- ST = 1,3
- ST = 1,4



SEZIONE TOPOGRAFICA 6 - GRIZZANA MORANDI

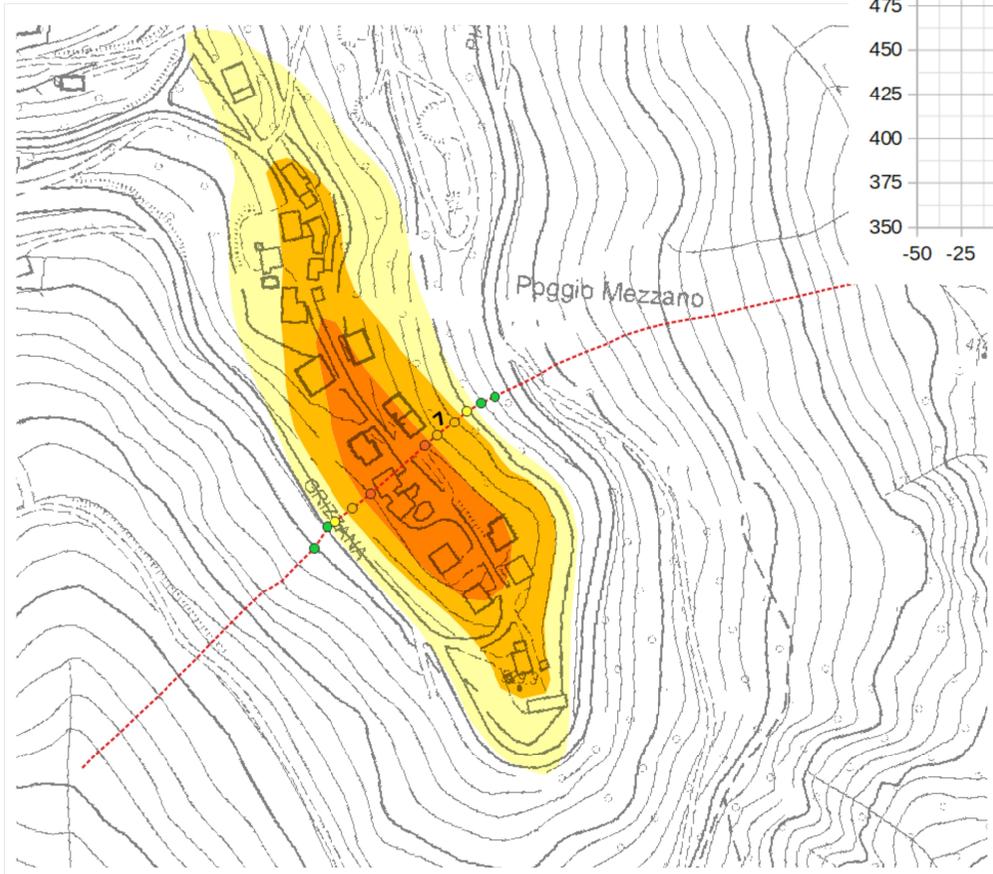
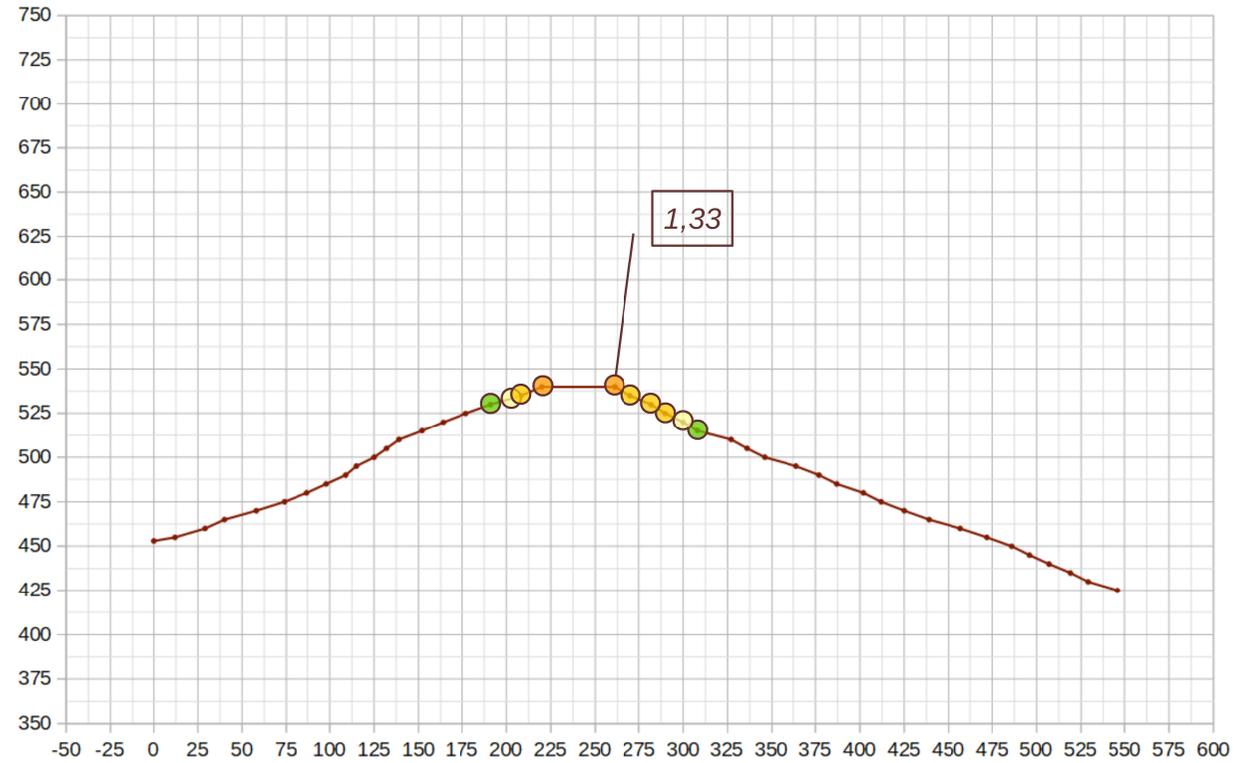


Atezza del fronte	H	<input type="text" value="30"/>	m
Inclinazione fronte principale	$\alpha$	<input type="text" value="18"/>	°
Inclinazione del fronte secondario	$\beta$	<input type="text" value="-15"/>	°
Posizione di calcolo da piede		<input type="text" value="92"/>	



### SEZIONE TOPOGRAFICA 7 - GRIZZANA MORANDI

- ST = 1,0
- ST = 1,1
- ST = 1,2
- ST = 1,3
- ST = 1,4

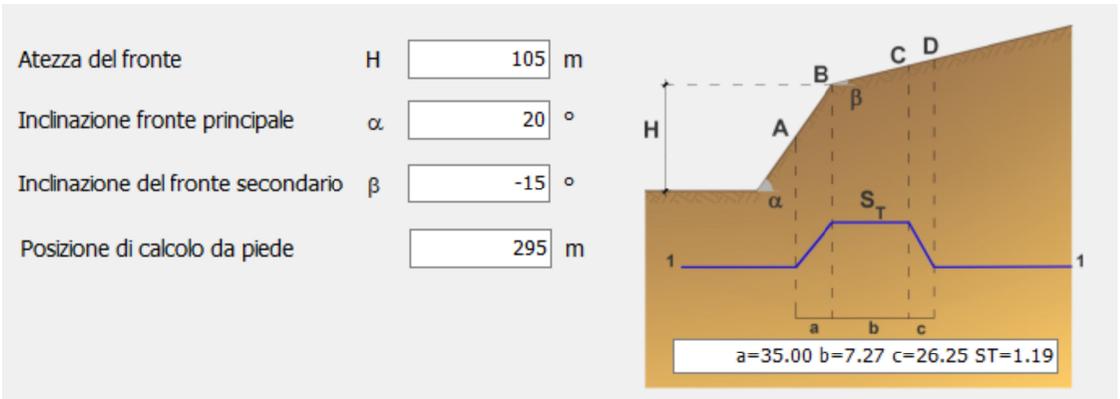
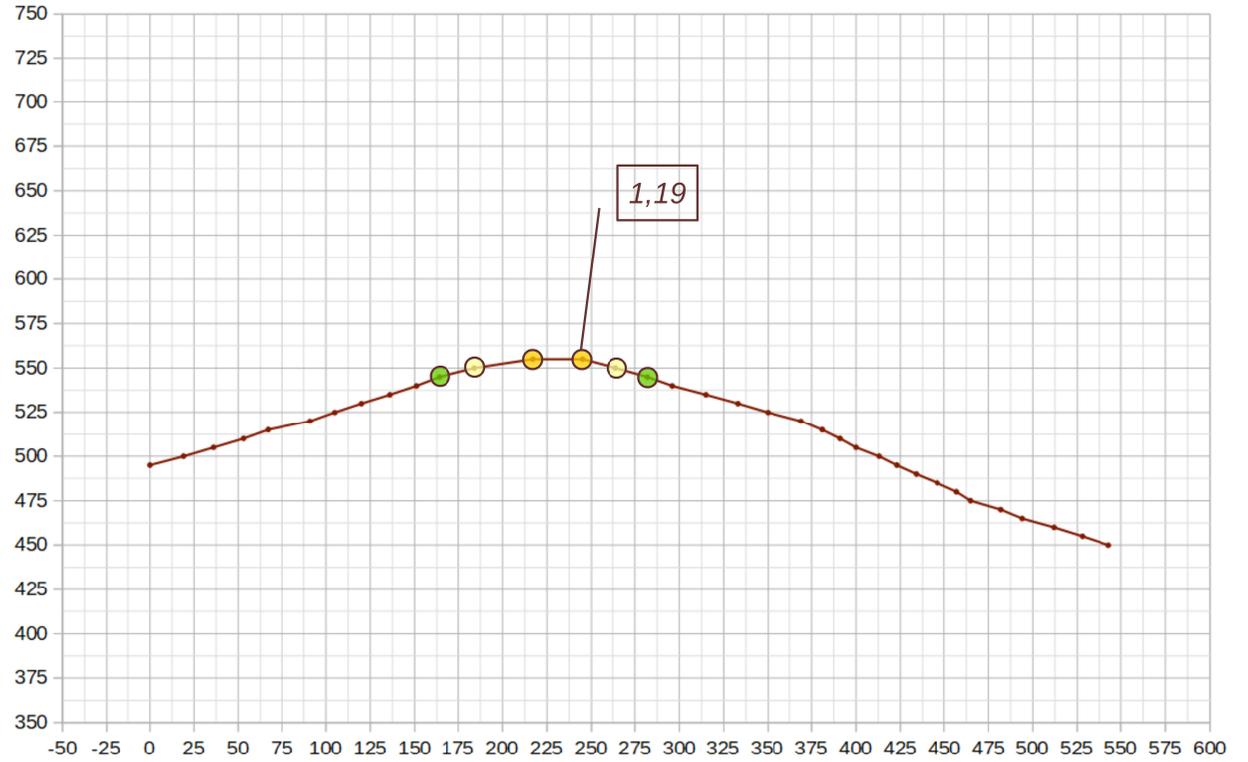
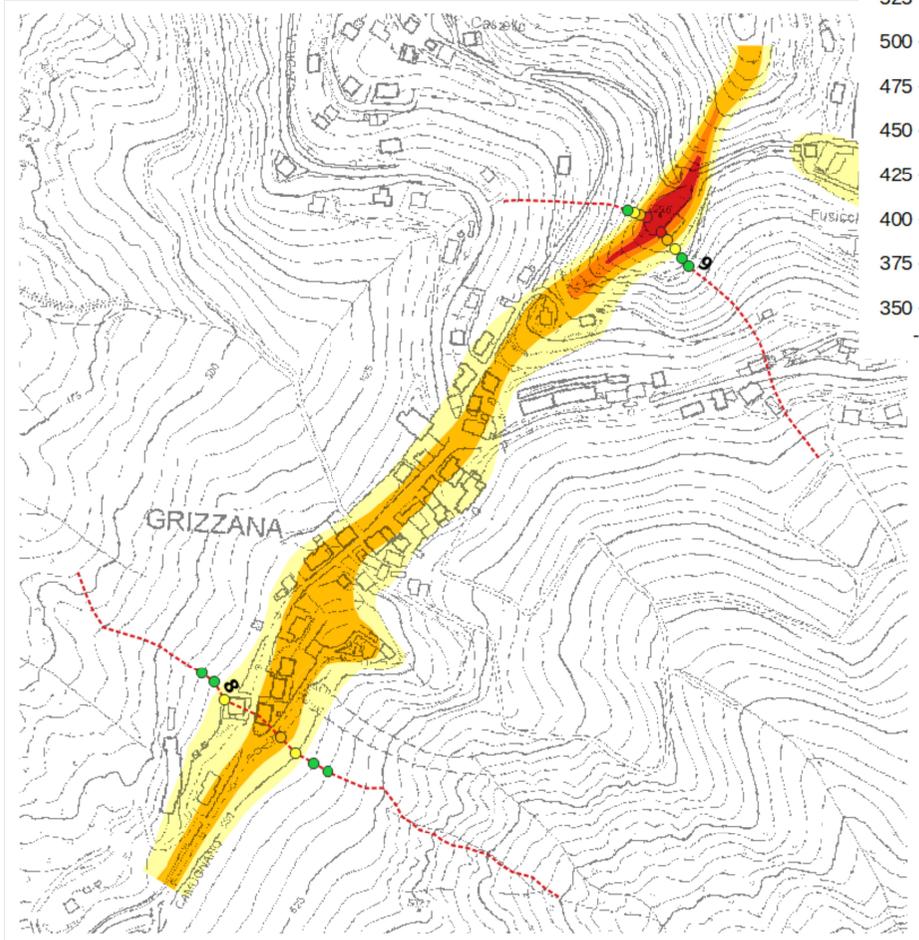


Atezza del fronte	H	<input type="text" value="115"/>	m
Inclinazione fronte principale	$\alpha$	<input type="text" value="22"/>	°
Inclinazione del fronte secondario	$\beta$	<input type="text" value="-22"/>	°
Posizione di calcolo da piede		<input type="text" value="285"/>	m

a=38.33 b=8.07 c=28.75 ST=1.33

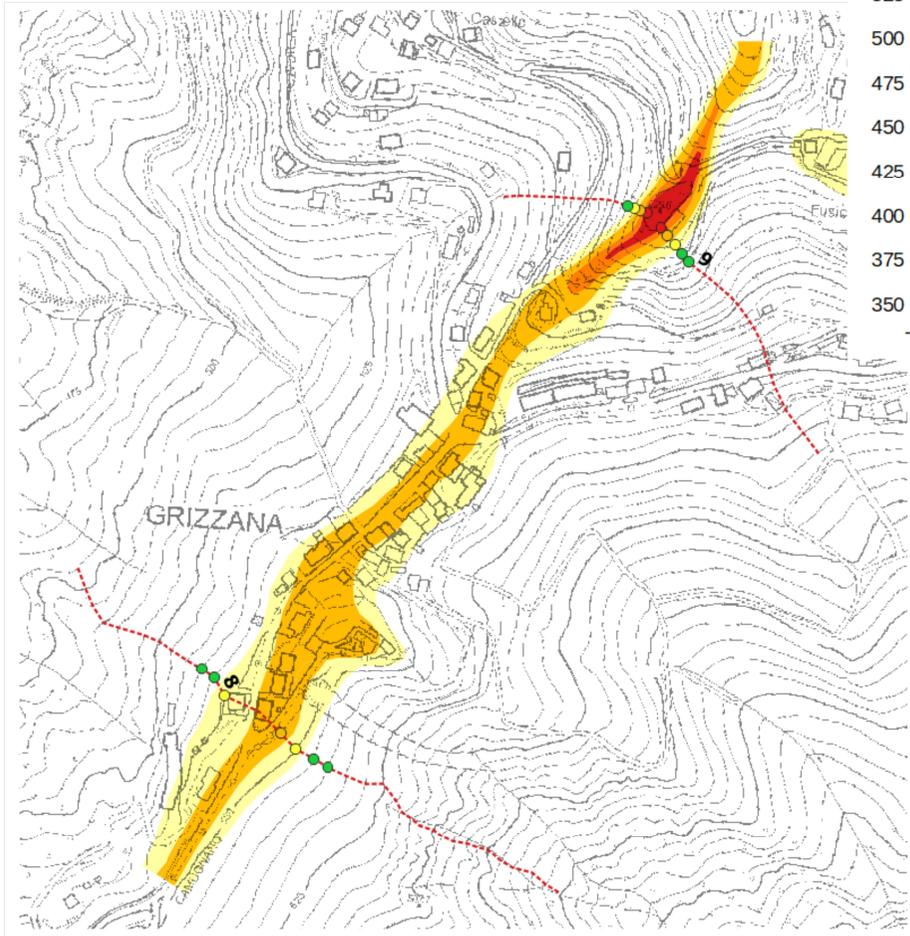
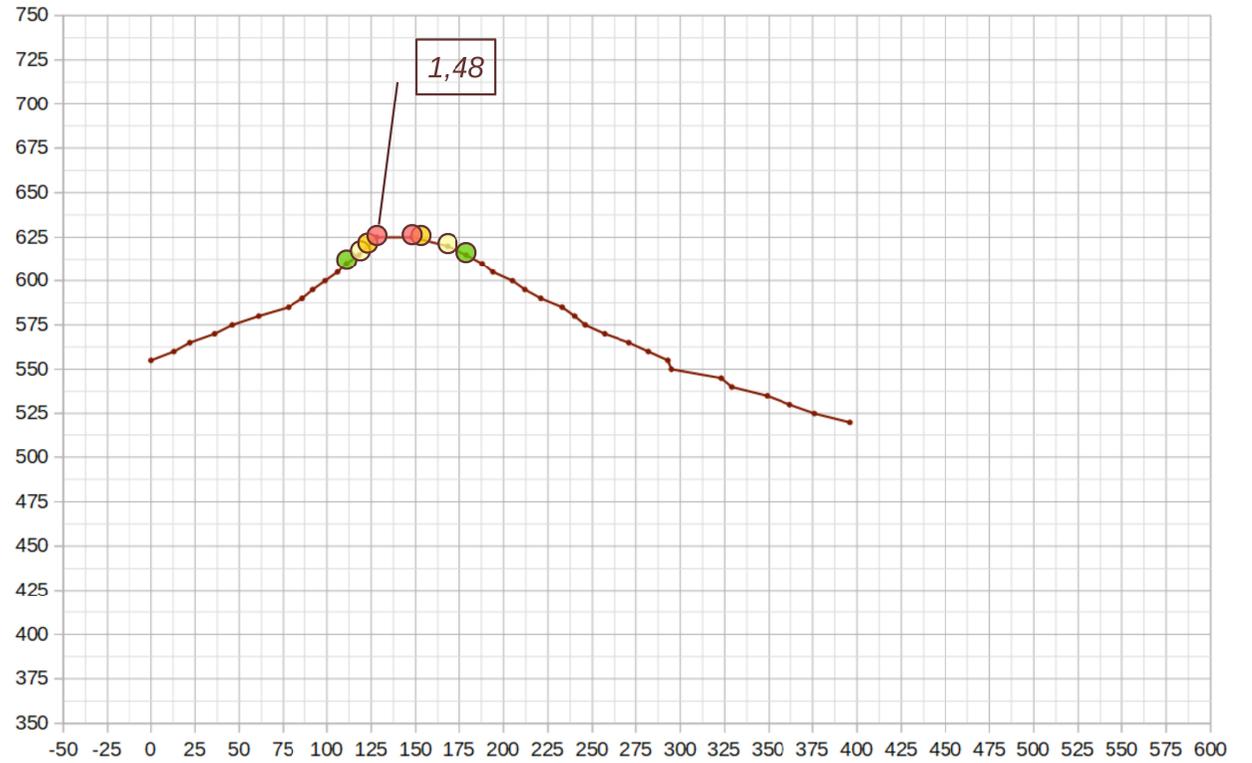
### SEZIONE TOPOGRAFICA 8 - GRIZZANA MORANDI

- ST = 1,0
- ST = 1,1
- ST = 1,2
- ST = 1,3
- ST = 1,4



### SEZIONE TOPOGRAFICA 9 - GRIZZANA MORANDI

- ST = 1,0
- ST = 1,1
- ST = 1,2
- ST = 1,3
- ST = 1,4

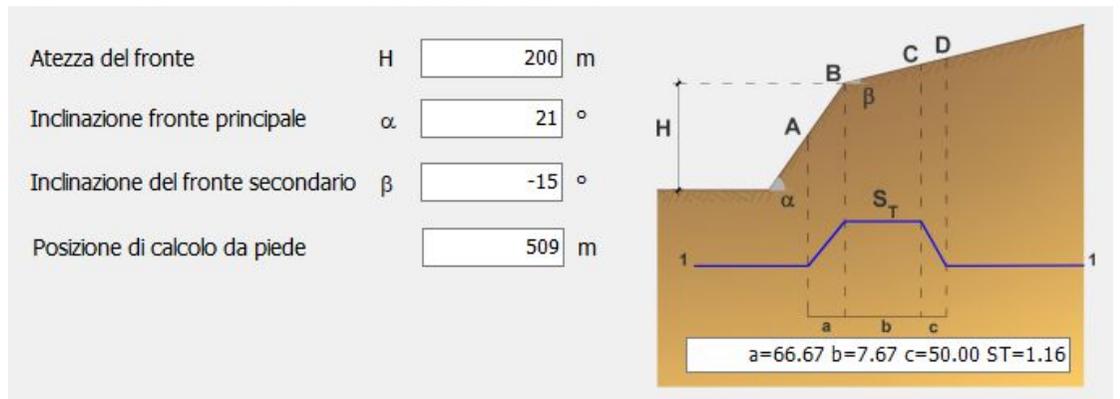
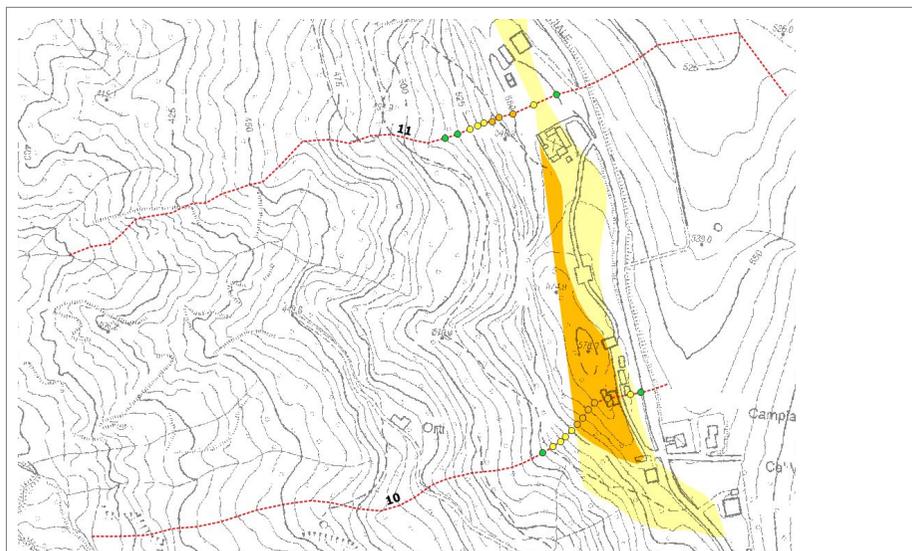
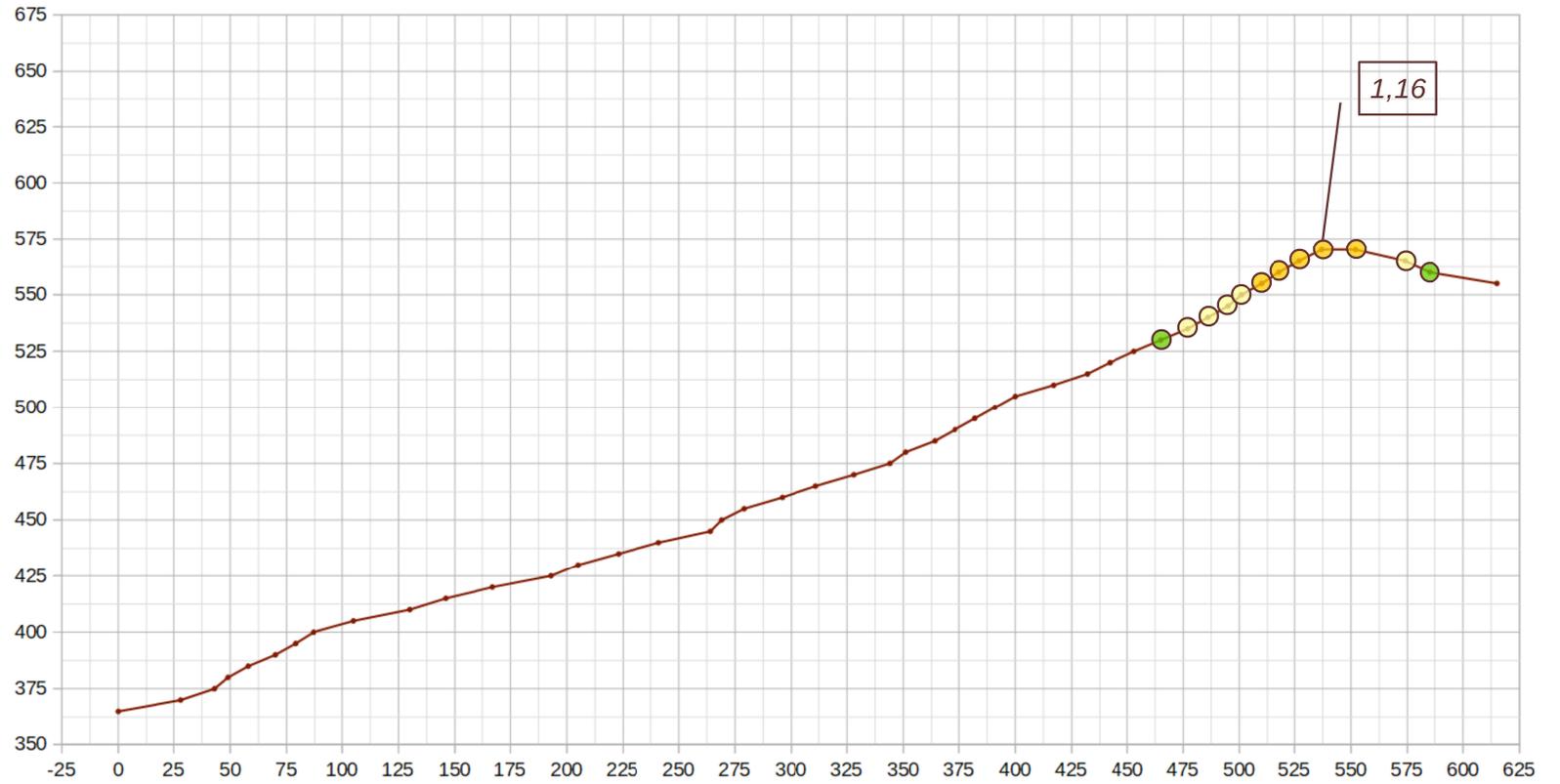


Atezza del fronte	H	<input type="text" value="70"/>	m
Inclinazione fronte principale	$\alpha$	<input type="text" value="29"/>	°
Inclinazione del fronte secondario	$\beta$	<input type="text" value="-24"/>	°
Posizione di calcolo da piede		<input type="text" value="128"/>	m

**a=23.33 b=11.07 c=17.50 ST=1.48**

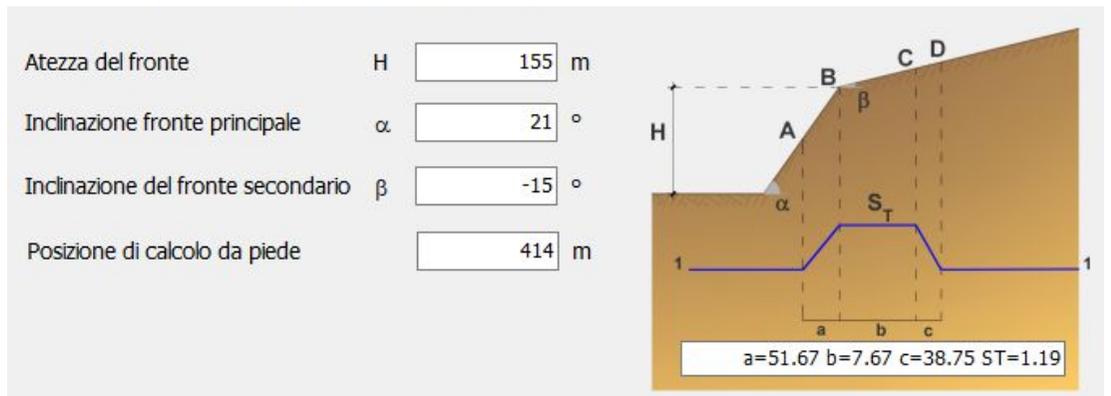
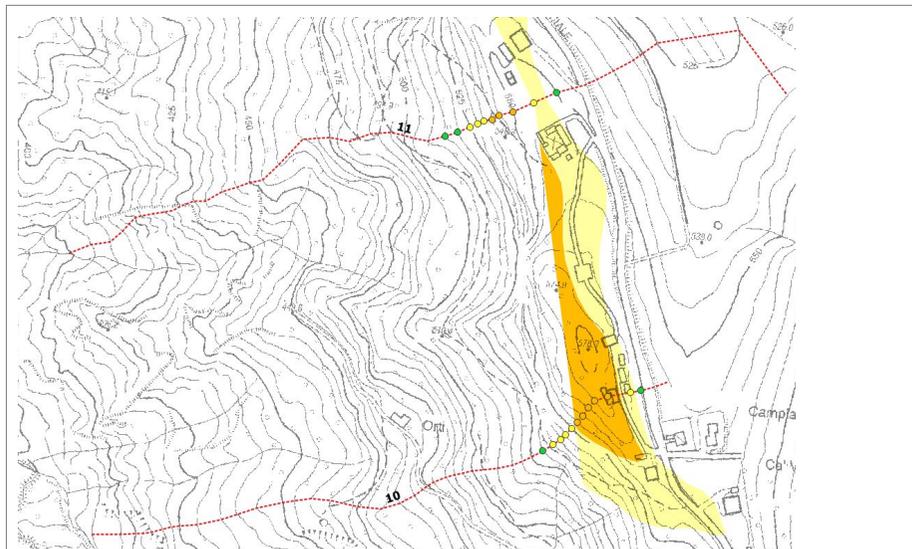
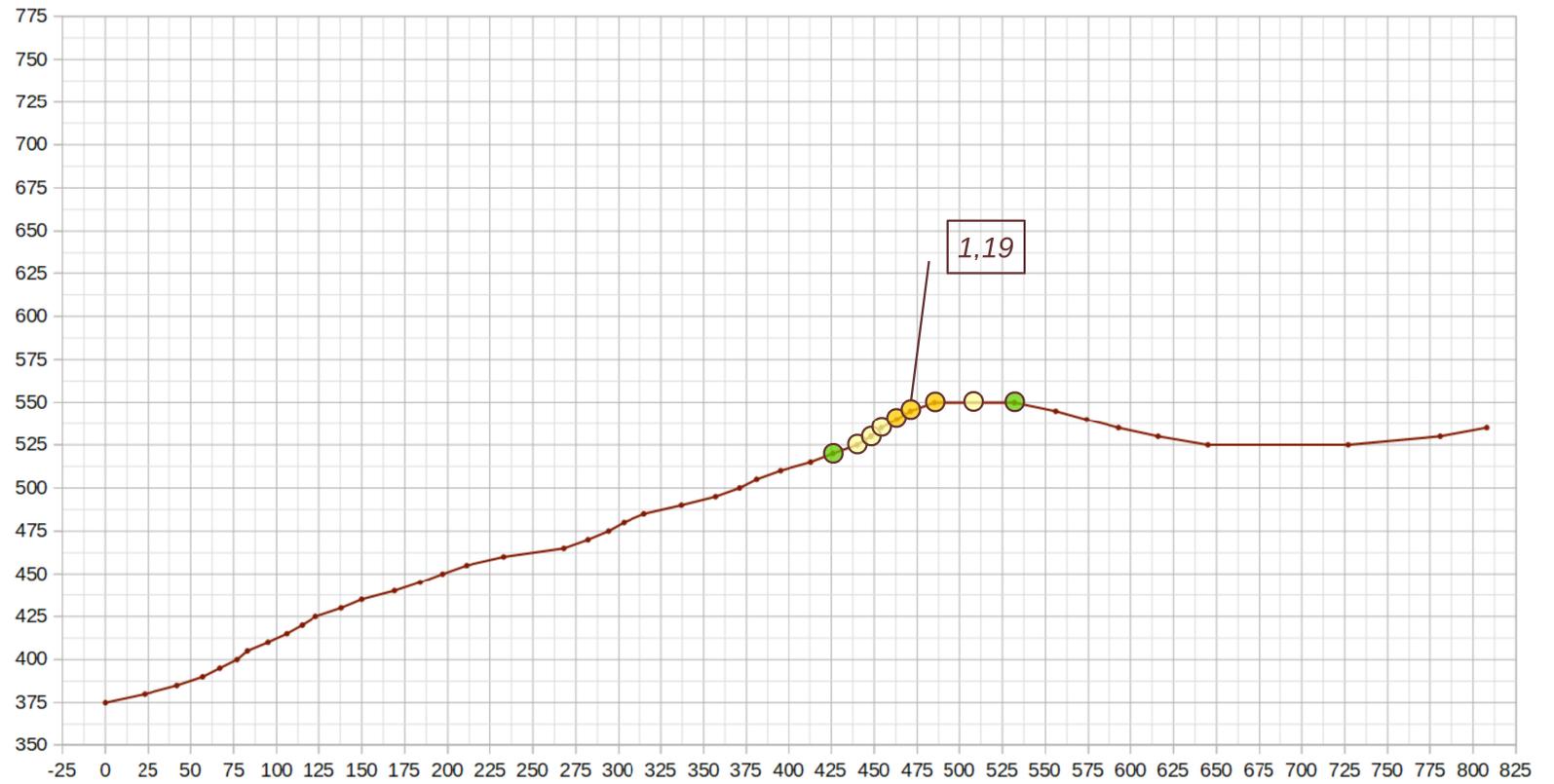
### SEZIONE TOPOGRAFICA 10 - GRIZZANA MORANDI

- ST = 1,0
- ST = 1,1
- ST = 1,2
- ST = 1,3
- ST = 1,4



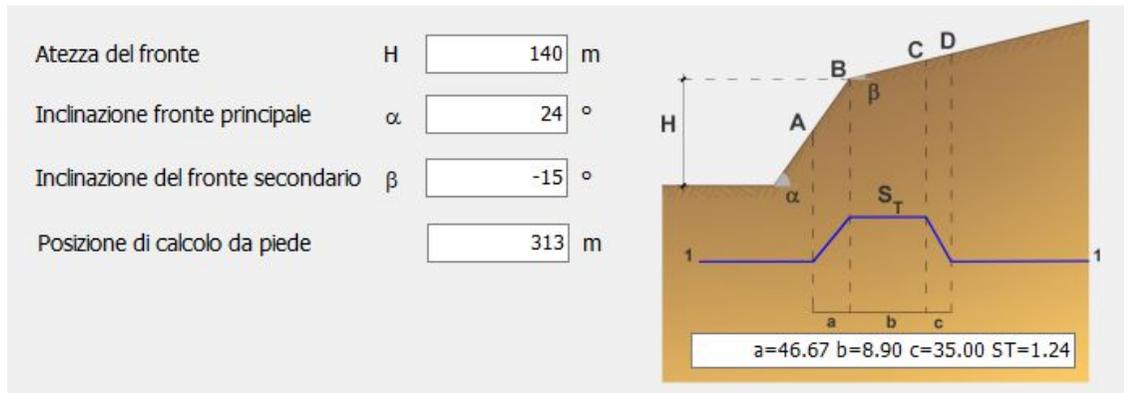
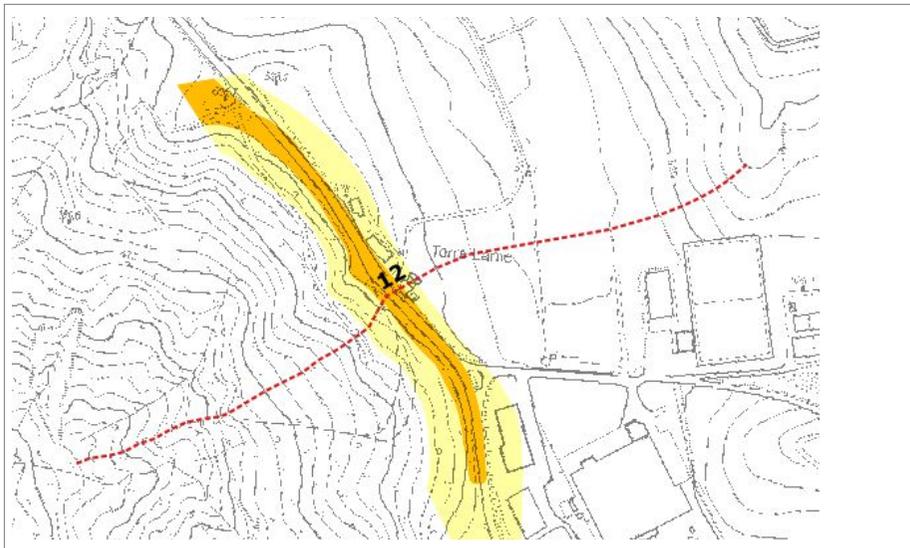
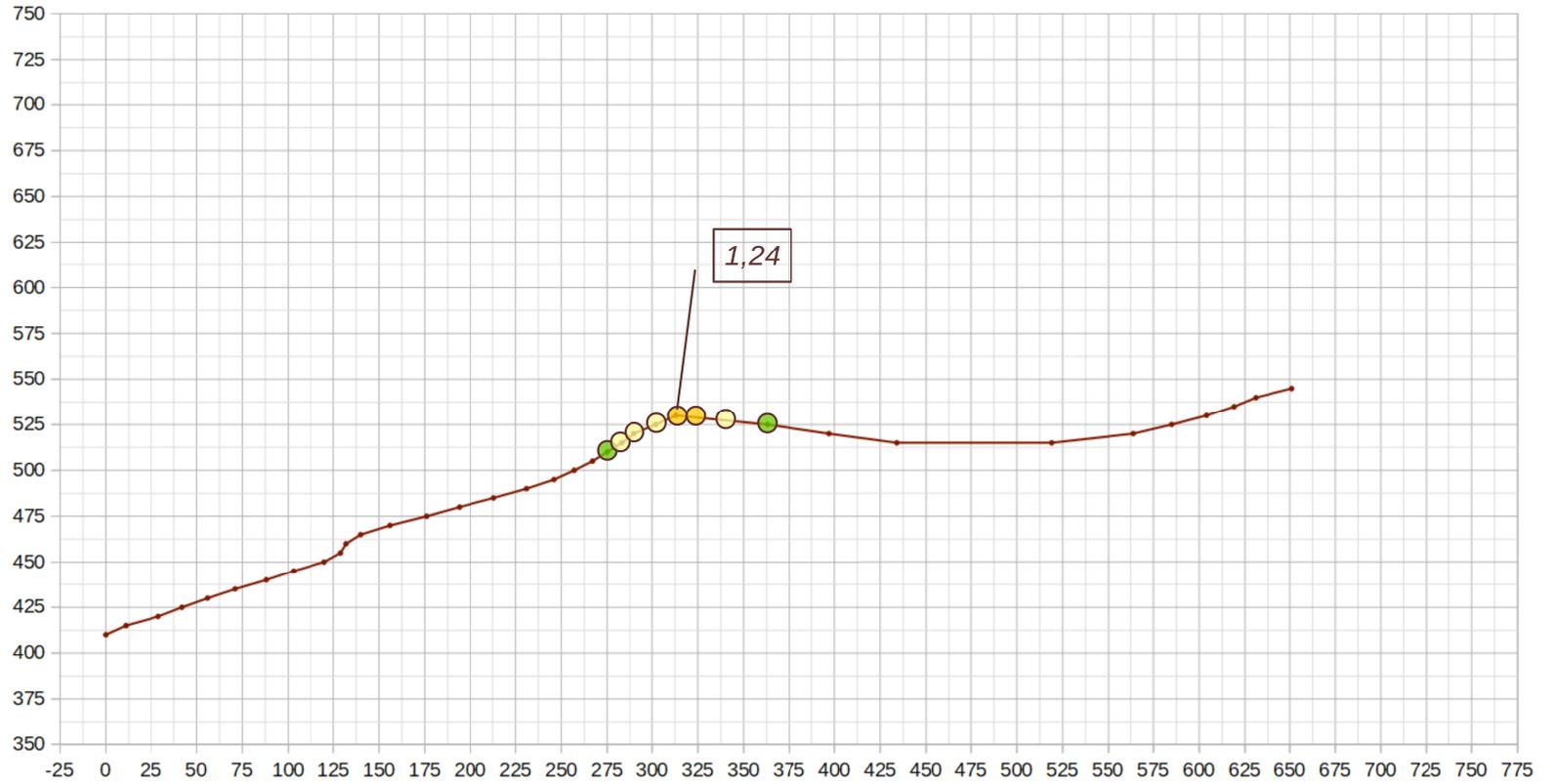
### SEZIONE TOPOGRAFICA 11 - GRIZZANA MORANDI

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- ST = 1,1
- ST = 1,2
- ST = 1,3
- ST = 1,4

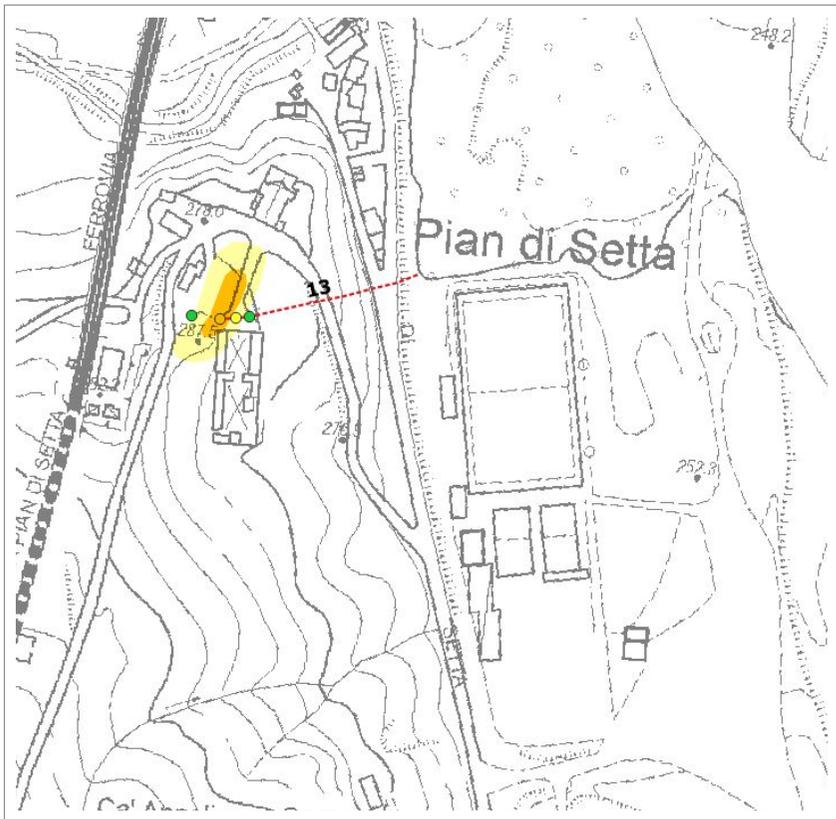


### SEZIONE TOPOGRAFICA 12 - GRIZZANA MORANDI

- ST = 1,0
- ST = 1,1
- ST = 1,2
- ST = 1,3
- ST = 1,4



- ST = 1,0
- ST = 1,1
- ST = 1,2
- ST = 1,3
- ST = 1,4



SEZIONE TOPOGRAFICA 13 - GRIZZANA MORANDI

