ALLEGATO 2
VERIFICHE DI STABILITÀ INTERFERENZA 08
SEZIONE A-A' - RELAZIONI DI CALCOLO

VERIFICA DI STABILITÀ PRE-OPERAM IN ASSENZA DI FALDA ACQUIFERA

Analisi di stabilità dei pendii con BISHOP

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Numero di strati	3.0
Numero dei conci	50.0
Coefficiente di sicurezza [R2]	1.1

Superficie di forma circolare

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Maglia dei Centri

==========

Ascissa vertice sinistro inferiore xi	63.11 m
Ordinata vertice sinistro inferiore yi	268.54 m
Ascissa vertice destro superiore xs	184.7 m
Ordinata vertice destro superiore ys	369.02 m
Passo di ricerca	10.0
Numero di celle lungo x	10.0
Numero di celle lungo y	10.0

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Coefficienti sismici [N.T.C.] 2018

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Dati generali

Descrizione:	
Latitudine:	41.93
Longitudine:	14.8
Tipo di costruzione:	2 - Opere ordinarie
Classe d'uso:	Classe IV
Vita nominale:	50.0 [anni]
Vita di riferimento:	100.0 [anni]

Parametri sismici su sito di riferimento

Categoria sottosuolo:	C
Categoria topografica:	T1

S.L. Stato limite	TR Tempo ritorno [anni]	ag [m/s²]	F0 [-]	TC* [sec]
S.L.O.	60.0	0.56	2.51	0.34
S.L.D.	101.0	0.7	2.52	0.35
S.L.V.	949.0	1.53	2.61	0.43
S.L.C.	1950.0	1.91	2.61	0.45

Coefficienti sismici orizzontali e verticali

Opera: Stabilità dei pendii

S.L. Stato limite	amax [m/s²]	beta [-]	kh [-]	kv [sec]
S.L.O.	0.84	0.2	0.0171	0.0086
S.L.D.	1.05	0.2	0.0214	0.0107
S.L.V.	2.2272	0.24	0.0545	0.0273
S.L.C.	2.6644	0.24	0.0652	0.0326

Coefficiente azione sismica orizzontale	0.0545
Coefficiente azione sismica verticale	0.0273

Vertici profilo

N	X m	y m
1	0.0	175.0
2	34.31	176.0
3	61.87	177.0
4	86.86	178.0
5	102.25	179.0
6	115.39	180.0
7	140.87	185.0
8	181.08	190.0
9	202.07	195.0
10	212.16	200.0
11	248.22	205.0

Vertici strato 1

N	X m	y m
1	0.0	174.0
2	34.74	174.04
3	61.99	174.49
4	87.13	175.4
5	102.25	176.0
6	116.64	177.28
7	143.45	180.66
8	181.45	187.34
9	202.07	193.0
10	213.5	197.6
11	220.82	201.2
12	248.22	205.0

Vertici strato 2

N	X m	y m
1	0.0	171.0
2	33.84	172.17
3	61.99	173.0
4	86.8	173.88
5	104.14	175.03
6	110.52	175.86
7	116.83	177.08
8	143.45	180.66
9	181.45	187.34
10	202.07	193.0
11	213.5	197.6
12	220.82	201.2
13	248.22	205.0

Stratigrafia

c: coesione; Fi: Angolo di attrito; G: Peso Specifico; Gs: Peso Specifico Saturo

Strato	c (kg/cm^2)	Fi (°)	G (Kg/m^3)	Gs (Kg/m^3)	Litologia
1	0.04	15	1968	1988	
2	0	32	1850	1950	
3	0.22	21.2	2039	2090	

Risultati analisi pendio [A2+M2+R2]

Fs minimo individuato	0.98
Ascissa centro superficie	184.7 m
Ordinata centro superficie	268.54 m
Raggio superficie	75.3 m

Numero di superfici esaminate....(221)

N°	Xo	Yo	Ro	Fs
1	63.1	268.5	92.9	4.03
2	69.2	273.6	98.9	4.04
3	75.3	268.5	93.4	3.10
4	81.4	273.6	97.9	3.01
5	87.4	268.5	92.4	2.88
6	93.5	273.6	96.9	2.60
7	99.6	268.5	91.4	2.06
8	105.7	273.6	95.9	1.57
9	111.7	268.5	90.4	1.37
10	117.8	273.6	94.9	1.28
11	123.9	268.5	89.4	1.26
12	130.0	273.6	91.5	1.58
13	136.1	268.5	85.9	1.61
14	142.1	273.6	90.3	1.65
15	148.2	268.5	84.7	1.68
16	154.3	273.6	89.1	1.60
17	160.4	268.5	83.6	1.43
18	166.5	273.6	87.4	1.61
19	172.5	268.5	81.0	1.42
20	178.6	273.6	83.5	1.09
21	184.7	268.5	75.3	0.98
22	63.1	278.6	102.9	4.09
23	69.2	283.6	108.9	3.89
24	75.3	278.6	103.4	3.10
25	81.4	283.6	107.9	3.00
26	87.4	278.6	102.4	2.88
27	93.5	283.6	106.9	2.47
28	99.6	278.6	101.4	1.95
29	105.7	283.6	105.9	1.53
30	111.7	278.6	100.4	1.36
31	117.8	283.6	104.9	1.29
32	123.9	278.6	99.4	1.27
33	130.0	283.6	101.5	1.59
34	136.1	278.6	95.9	1.62
35	142.1	283.6	100.3	1.65
36	148.2	278.6	94.7	1.68
37	154.3	283.6	99.1	1.54
38	160.4	278.6	93.5	1.52
39	166.5	283.6	96.4	1.16
40	172.5	278.6	90.0	0.98
41	178.6	283.6	92.7	1.18
42	184.7	278.6	84.7	1.06
43	63.1	288.6	112.9	4.16
44	69.2	293.7	118.9	3.68
45	75.3	288.6	113.4	3.09
46	81.4	293.7	117.9	2.99

47	87.4	288.6	112.4	2.90
48	93.5	293.7	116.9	2.34
49	99.6	288.6	111.4	1.84
50	105.7	293.7	115.9	1.49
51	111.7	288.6	110.4	1.35
52	117.8	293.7	114.9	1.29
53	123.9	288.6	109.4	1.28
54	130.0	293.7	111.4	1.60
55	136.1	288.6	105.9	1.62
56	142.1	293.7	110.3	1.65
57	148.2	288.6	104.7	1.66
58	154.3	293.7	109.1	1.47
59	160.4	288.6	102.8	1.39
60	166.5	293.7	105.5	1.21
61	172.5	288.6	99.1	0.98
62	178.6	293.7	100.4	1.33
63	184.7	288.6	94.3	1.16
64	63.1	298.7	122.9	4.24
65	69.2	303.7	128.9	3.54
66	75.3	298.7	123.4	3.08
67	81.4	303.7	127.9	2.99
68	87.4	298.7	122.4	2.86
69	93.5	303.7	126.9	2.21
70	99.6	298.7	121.4	1.75
71	105.7	303.7	125.9	1.47
72	111.7	298.7	120.4	1.35
73	117.8	303.7	124.9	1.30
74	123.9	298.7	119.4	1.29
75	130.0	303.7	121.4	1.61
76	136.1	298.7	115.8	1.63
77	142.1	303.7	120.3	1.66
78	148.2	298.7	114.7	1.62
79	154.3	303.7	118.3	1.57
80	160.4	298.7	111.9	1.50
81	166.5	303.7	114.8	1.26
82	172.5	298.7	108.4	1.03
83	178.6	303.7	110.0	1.38
84	184.7	298.7	110.7	1.60
85	63.1	308.7	134.4	4.26
86	69.2	313.8	138.9	3.14
87	75.3	308.7	133.4	3.08
88	81.4	313.8	137.9	2.99
89	87.4	308.7	132.4	2.77
90	93.5	313.8	136.9	2.09
91	99.6	308.7	131.4	1.68
92	105.7	313.8	135.9	1.45
93	111.7	308.7	130.4	1.35
94	117.8	313.8	134.9	1.30
95	123.9	308.7	129.4	1.29
96	130.0	313.8	131.4	1.62
97	136.1	308.7	125.8	1.64
98	142.1	313.8	130.2	1.66
99	148.2	308.7	124.7	1.57
100	154.3	313.8	139.1	1.66
101	160.4	308.7	131.7	1.66
102	166.5	313.8	124.1	1.29
103	172.5	308.7	117.7	1.06
104	178.6	313.8	120.5	1.53
105	184.7	308.7	113.2	1.56

106	63.1	318.8	144.4	4.19
107	69.2	323.8	148.9	3.14
108	75.3	318.8	143.4	3.08
109	81.4	323.8	147.9	3.01
110	87.4	318.8	142.4	2.66
111	93.5	323.8	146.9	1.98
112	99.6	318.8	141.4	1.63
113	105.7	323.8	145.9	1.44
114	111.7	318.8	140.4	1.35
115	117.8	323.8	144.9	1.31
116	123.9	318.8	139.4	1.30
117	130.0	323.8	141.4	1.62
118	136.1	318.8	135.8	1.64
119	142.1	323.8	140.2	1.64
120	148.2	318.8	146.5	1.68
121	154.3	323.8	138.9	1.40
122	160.4	318.8	132.4	1.60
123	166.5	323.8	133.5	1.01
124	172.5	318.8	127.2	1.04
125	178.6	323.8	129.4	1.47
126	184.7	318.8	129.1	1.71
127	63.1	328.8	154.4	4.05
128	69.2	333.9	158.9	3.14
129	75.3	328.8	153.4	3.08
130	81.4	333.9	157.9	3.01
131	87.4	328.8	152.4	2.53
132	93.5	333.9	156.9	1.89
133	99.6	328.8	151.4	1.60
134	105.7	333.9	155.9	1.43
135	111.7	328.8	150.4	1.35
136	117.8	333.9	154.9	1.31
137	123.9	328.8	149.4	1.54
138	130.0	333.9	151.4	1.63
139	136.1	328.8	145.8	1.64
140	142.1	333.9	162.0	1.70
141	148.2	328.8	156.9	1.66
142	154.3	333.9	148.1	1.14
143	160.4	328.8	141.6	1.32
144	166.5	333.9	143.0	1.06
145	172.5	328.8	136.7	1.33
146	178.6	333.9	145.3	1.68
147	184.7	328.8	136.9	1.89
148	63.1	338.9	164.4	3.85
149	69.2	343.9	168.9	3.14
150	75.3	338.9	163.4	3.08
151	81.4	343.9	167.9	2.95
152	87.4	338.9	162.4	2.40
153	93.5	343.9	166.9	1.82
154	99.6	338.9	161.4	1.57
155	105.7	343.9	165.9	1.42
156	111.7	338.9	160.4	1.35
157	117.8	343.9	164.9	1.32
158	123.9	338.9	156.9	1.63
159	130.0	343.9	161.3	1.64
160	136.1	338.9	155.8	1.66
161	142.1	343.9	161.2	1.67
162	148.2	338.9	154.6	1.22
163	154.3	343.9	157.4	1.17
164	160.4	338.9	149.3	1.20

165	166.5	343.9	152.5	1.12
166	172.5	338.9	145.6	1.41
167	178.6	343.9	154.2	1.77
168	184.7	338.9	145.9	2.07
169	63.1	348.9	174.4	3.71
170	69.2	354.0	178.9	3.14
171	75.3	348.9	173.4	3.08
172	81.4	354.0	177.9	2.86
173	87.4	348.9	172.4	2.27
174	93.5	354.0	176.9	1.76
175	99.6	348.9	171.4	1.54
176	105.7	354.0	175.9	1.41
177	111.7	348.9	170.4	1.35
178	117.8	354.0	174.8	1.32
179	123.9	348.9	166.9	1.64
180	130.0	354.0	171.3	1.64
181	136.1	348.9	180.0	1.73
182	142.1	354.0	170.4	1.32
183	148.2	348.9	163.9	1.26
184	154.3	354.0	166.7	1.32
185	160.4	348.9	158.8	1.23
186	166.5	354.0	161.7	1.37
187	172.5	348.9	161.5	1.69
188	178.6	354.0	162.1	1.98
189	184.7	348.9	155.0	2.28
190	63.1	359.0	184.4	3.51
191	69.2	364.0	188.8	3.14
192	75.3	359.0	183.4	3.08
193	81.4	364.0	187.8	2.74
194	87.4	359.0	182.3	2.15
195	93.5	364.0	186.8	1.72
196	99.6	359.0	181.3	1.52
197	105.7	364.0	185.8	1.41
198	111.7	359.0	180.3	1.35
199	117.8	364.0	184.8	1.33
200	123.9	359.0	176.9	1.64
201	130.0	364.0	181.1	1.72
202	136.1	359.0	176.9	1.57
203	142.1	364.0	179.7	1.40
204	148.2	359.0	173.2	1.32
205	154.3	364.0	176.1	1.43
206	160.4	359.0	168.4	1.26
207	166.5	364.0	171.9	1.61
208	172.5	359.0	170.4	1.74
209	178.6	364.0	172.4	1.94
210	184.7	359.0	164.2	2.60
211	63.1	369.0	194.3	3.17
212	75.3	369.0	202.2	3.05
213	87.4	369.0	192.3	2.05
214	99.6	369.0	191.3	1.51
215	111.7	369.0	190.3	1.35
216	123.9	369.0	186.9	1.65
217	136.1	369.0	186.2	1.42
218	148.2	369.0	182.6	1.41
219	160.4	369.0	177.9	1.34
220	172.5	369.0	179.5	1.82
221	184.7	369.0	174.7	2.46

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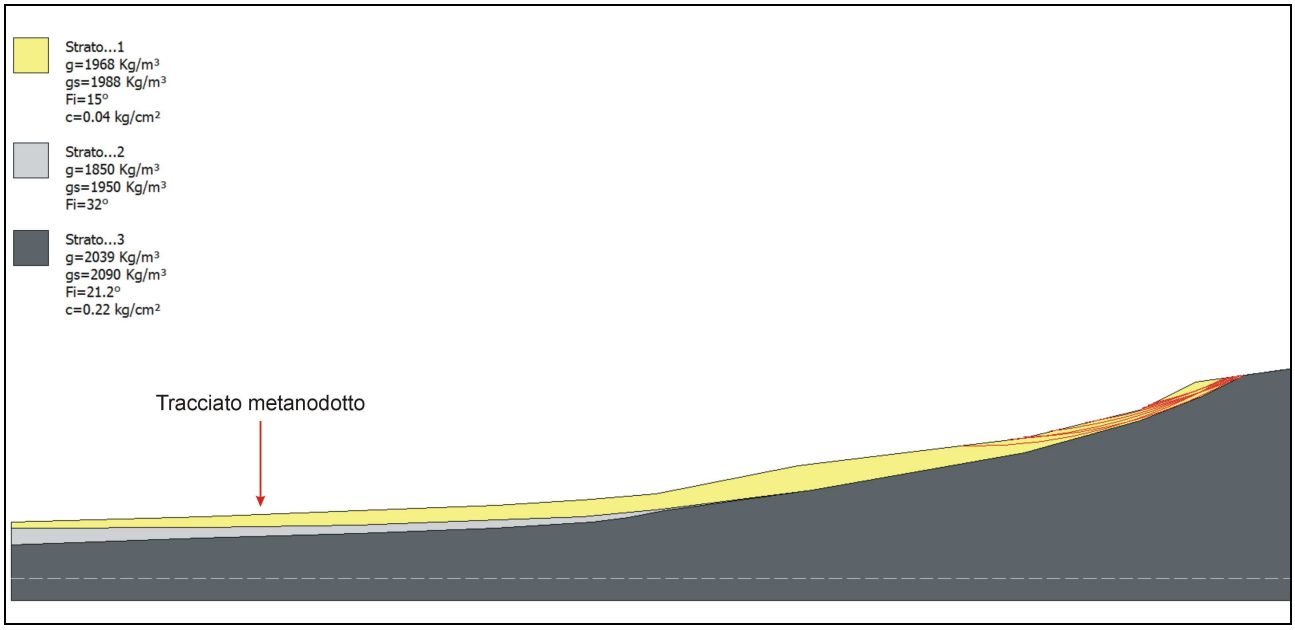

Sezione A-A' - In rosso le superfici di scorrimento con Fs < 1.1

VERIFICA DI STABILITÀ PRE-OPERAM IN CONDIZIONI DI SATURAZIONE

Analisi di stabilità dei pendii con BISHOP

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Numero di strati	3.0
Numero dei conci	50.0
Coefficiente di sicurezza [R2]	1.1

Superficie di forma circolare

==========

Maglia dei Centri

==========

Ascissa vertice sinistro inferiore xi	63.11 m
Ordinata vertice sinistro inferiore yi	268.54 m
Ascissa vertice destro superiore xs	184.7 m
Ordinata vertice destro superiore ys	369.02 m
Passo di ricerca	10.0
Numero di celle lungo x	10.0
Numero di celle lungo y	10.0

==========

Coefficienti sismici [N.T.C.] 2018

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Dati generali

Descrizione:	
Latitudine:	41.93
Longitudine:	14.8
Tipo di costruzione:	2 - Opere ordinarie
Classe d'uso:	Classe IV
Vita nominale:	50.0 [anni]
Vita di riferimento:	100.0 [anni]

Parametri sismici su sito di riferimento

Categoria sottosuolo:	C
Categoria topografica:	T1

S.L. Stato limite	TR Tempo ritorno [anni]	ag [m/s²]	F0 [-]	TC* [sec]
S.L.O.	60.0	0.56	2.51	0.34
S.L.D.	101.0	0.7	2.52	0.35
S.L.V.	949.0	1.53	2.61	0.43
S.L.C.	1950.0	1.91	2.61	0.45

Coefficienti sismici orizzontali e verticali

Opera: Stabilità dei pendii

S.L. Stato limite	amax [m/s²]	beta [-]	kh [-]	kv [sec]
S.L.O.	0.84	0.2	0.0171	0.0086
S.L.D.	1.05	0.2	0.0214	0.0107
S.L.V.	2.2272	0.24	0.0545	0.0273
S.L.C.	2.6644	0.24	0.0652	0.0326

Coefficiente azione sismica orizzontale	0.0545
Coefficiente azione sismica verticale	0.0273

Vertici profilo

N	X m	y m
1	0.0	175.0
2	34.31	176.0
3	61.87	177.0
4	86.86	178.0
5	102.25	179.0
6	115.39	180.0
7	140.87	185.0
8	181.08	190.0
9	202.07	195.0
10	212.16	200.0
11	248.22	205.0

Falda

Nr.	X m	y m
1	0.0	175.0
2	34.31	176.0
3	61.87	177.0
4	86.86	178.0
5	102.25	179.0
6	115.39	180.0
7	140.87	185.0
8	181.08	190.0
9	202.07	195.0
10	212.16	200.0
11	248.22	205.0

Vertici strato 1

N	X m	y m
1	0.0	174.0
2	34.74	174.04
3	61.99	174.49
4	87.13	175.4
5	102.25	176.0
6	116.64	177.28
7	143.45	180.66
8	181.45	187.34
9	202.07	193.0
10	213.5	197.6
11	220.82	201.2
12	248.22	205.0

Vertici strato 2

N	X m	y m
1	0.0	171.0
2	33.84	172.17
3	61.99	173.0
4	86.8	173.88
5	104.14	175.03
6	110.52	175.86
7	116.83	177.08
8	143.45	180.66
9	181.45	187.34

10	202.07	193.0
11	213.5	197.6
12	220.82	201.2
13	248.22	205.0

Stratigrafia

c: coesione; Fi: Angolo di attrito; G: Peso Specifico; Gs: Peso Specifico Saturo

Strato	c (kg/cm²)	Fi (°)	G (Kg/m³)	Gs (Kg/m³)	Litologia
1	0.04	15	1968	1988	
2	0	32	1850	1950	
3	0.22	21.2	2039	2090	

Risultati analisi pendio [A2+M2+R2]

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Fs minimo individuato	0.65
Ascissa centro superficie	172.54 m
Ordinata centro superficie	278.59 m
Raggio superficie	89.96 m

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Numero di superfici esaminate....(221)

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N°	Xo	Yo	Ro	Fs
1	63.1	268.5	92.9	2.86
2	69.2	273.6	98.9	3.33
3	75.3	268.5	93.4	2.02
4	81.4	273.6	97.9	2.08
5	87.4	268.5	92.4	1.98
6	93.5	273.6	96.9	1.80
7	99.6	268.5	91.4	1.39
8	105.7	273.6	95.9	1.03
9	111.7	268.5	90.4	0.86
10	117.8	273.6	94.9	0.79
11	123.9	268.5	89.4	0.76
12	130.0	273.6	91.5	1.09
13	136.1	268.5	85.9	1.07
14	142.1	273.6	90.3	1.07
15	148.2	268.5	84.7	1.11
16	154.3	273.6	89.1	1.01
17	160.4	268.5	83.6	0.94
18	166.5	273.6	87.4	1.33
19	172.5	268.5	81.0	1.17
20	178.6	273.6	83.5	0.84
21	184.7	268.5	75.3	0.71
22	63.1	278.6	102.9	2.92
23	69.2	283.6	108.9	3.17
24	75.3	278.6	103.4	2.23
25	81.4	283.6	107.9	2.13
26	87.4	278.6	102.4	1.93
27	93.5	283.6	106.9	1.72
28	99.6	278.6	101.4	1.31
29	105.7	283.6	105.9	0.99
30	111.7	278.6	100.4	0.85
31	117.8	283.6	104.9	0.80
32	123.9	278.6	99.4	0.80
33	130.0	283.6	101.5	1.07
34	136.1	278.6	95.9	1.06

35	142.1	283.6	100.3	1.08
36	148.2	278.6	94.7	1.07
37	154.3	283.6	99.1	1.03
38	160.4	278.6	93.5	1.05
39	166.5	283.6	96.4	0.77
40	172.5	278.6	90.0	0.65
41	178.6	283.6	92.7	0.93
42	184.7	278.6	84.7	0.81
43	63.1	288.6	112.9	2.99
44	69.2	293.7	118.9	3.44
45	75.3	288.6	113.4	2.12
46	81.4	293.7	117.9	2.07
47	87.4	288.6	112.4	2.06
48	93.5	293.7	116.9	1.65
49	99.6	288.6	111.4	1.23
50	105.7	293.7	115.9	0.96
51	111.7	288.6	110.4	0.84
52	117.8	293.7	114.9	0.80
53	123.9	288.6	109.4	0.77
54	130.0	293.7	111.4	1.07
55	136.1	288.6	105.9	1.09
56	142.1	293.7	110.3	1.08
57	148.2	288.6	104.7	1.10
58	154.3	293.7	109.1	0.92
59	160.4	288.6	102.8	0.92
60	166.5	293.7	105.5	0.85
61	172.5	288.6	99.1	0.69
62	178.6	293.7	100.4	1.11
63	184.7	288.6	94.3	0.93
64	63.1	298.7	122.9	3.20
65	69.2	303.7	128.9	2.77
66	75.3	298.7	123.4	2.11
67	81.4	303.7	127.9	1.99
68	87.4	298.7	122.4	2.00
69	93.5	303.7	126.9	1.52
70	99.6	298.7	121.4	1.16
71	105.7	303.7	125.9	0.94
72	111.7	298.7	120.4	0.86
73	117.8	303.7	124.9	0.80
74	123.9	298.7	119.4	0.79
75	130.0	303.7	121.4	1.09
76	136.1	298.7	115.8	1.10
77	142.1	303.7	120.3	1.08
78	148.2	298.7	114.7	1.07
79	154.3	303.7	118.3	1.04
80	160.4	298.7	111.9	1.08
81	166.5	303.7	114.8	0.95
82	172.5	298.7	108.4	0.80
83	178.6	303.7	110.0	1.27
84	184.7	298.7	104.4	1.50
85	63.1	308.7	132.8	3.20
86	69.2	313.8	138.9	2.12
87	75.3	308.7	133.4	2.13
88	81.4	313.8	137.9	2.13
89	87.4	308.7	132.4	1.95
90	93.5	313.8	136.9	1.44
91	99.6	308.7	131.4	1.11
92	105.7	313.8	135.9	0.94
93	111.7	308.7	130.4	0.83

94	117.8	313.8	134.9	0.80
95	123.9	308.7	129.4	0.79
96	130.0	313.8	131.4	1.10
97	136.1	308.7	125.8	1.09
98	142.1	313.8	130.2	1.10
99	148.2	308.7	124.7	1.02
100	154.3	313.8	127.5	1.33
101	160.4	308.7	121.1	1.34
102	166.5	313.8	124.1	1.04
103	172.5	308.7	117.7	0.83
104	178.6	313.8	120.5	1.35
105	184.7	308.7	113.2	1.30
106	63.1	318.8	142.8	3.28
107	69.2	323.8	148.9	2.04
108	75.3	318.8	143.4	2.04
109	81.4	323.8	147.9	2.07
110	87.4	318.8	142.4	1.84
111	93.5	323.8	146.9	1.35
112	99.6	318.8	141.4	1.09
113	105.7	323.8	145.9	0.95
114	111.7	318.8	140.4	0.83
115	117.8	323.8	144.9	0.80
116	123.9	318.8	139.4	0.78
117	130.0	323.8	141.4	1.09
118	136.1	318.8	135.8	1.16
119	142.1	323.8	140.2	1.05
120	148.2	318.8	133.9	1.19
121	154.3	323.8	138.9	1.08
122	160.4	318.8	132.4	1.36
123	166.5	323.8	133.5	0.71
124	172.5	318.8	127.2	0.82
125	178.6	323.8	129.4	1.22
126	184.7	318.8	129.1	1.73
127	63.1	328.8	154.4	3.37
128	69.2	333.9	158.9	2.32
129	75.3	328.8	153.4	2.06
130	81.4	333.9	157.9	2.15
131	87.4	328.8	152.4	1.76
132	93.5	333.9	156.9	1.27
133	99.6	328.8	151.4	1.04
134	105.7	333.9	155.9	0.90
135	111.7	328.8	150.4	0.85
136	117.8	333.9	154.9	0.81
137	123.9	328.8	147.0	1.11
138	130.0	333.9	151.4	1.08
139	136.1	328.8	145.8	1.09
140	142.1	333.9	149.6	1.26
141	148.2	328.8	143.2	1.58
142	154.3	333.9	148.1	0.76
143	160.4	328.8	141.6	1.00
144	166.5	333.9	143.0	0.80
145	172.5	328.8	136.7	1.07
146	178.6	333.9	139.5	1.72
147	184.7	328.8	136.9	1.91
148	63.1	338.9	164.4	3.21
149	69.2	343.9	168.9	2.10
150	75.3	338.9	163.4	2.08
151	81.4	343.9	167.9	2.02
152	87.4	338.9	162.4	1.67

153	93.5	343.9	166.9	1.22
154	99.6	338.9	161.4	1.02
155	105.7	343.9	165.9	0.89
156	111.7	338.9	160.4	0.84
157	117.8	343.9	164.9	0.82
158	123.9	338.9	156.9	1.12
159	130.0	343.9	161.3	1.09
160	136.1	338.9	155.8	1.09
161	142.1	343.9	161.2	1.33
162	148.2	338.9	154.6	0.80
163	154.3	343.9	157.4	0.79
164	160.4	338.9	149.3	0.96
165	166.5	343.9	152.5	0.87
166	172.5	338.9	145.6	1.14
167	178.6	343.9	154.2	1.82
168	184.7	338.9	145.9	2.26
169	63.1	348.9	174.4	3.08
170	69.2	354.0	178.9	2.11
171	75.3	348.9	173.4	2.26
172	81.4	354.0	177.9	1.98
173	87.4	348.9	172.4	1.56
174	93.5	354.0	176.9	1.19
175	99.6	348.9	171.4	1.01
176	105.7	354.0	175.9	0.91
177	111.7	348.9	170.4	0.85
178	117.8	354.0	174.8	0.81
179	123.9	348.9	166.9	1.12
180	130.0	354.0	171.3	1.11
181	136.1	348.9	165.3	1.19
182	142.1	354.0	170.4	0.85
183	148.2	348.9	163.9	0.89
184	154.3	354.0	166.7	0.99
185	160.4	348.9	158.8	0.97
186	166.5	354.0	161.7	1.12
187	172.5	348.9	155.7	1.54
188	178.6	354.0	162.1	1.92
189	184.7	348.9	155.0	2.36
190	63.1	359.0	184.4	2.63
191	69.2	364.0	188.8	2.20
192	75.3	359.0	183.4	2.06
193	81.4	364.0	187.8	1.92
194	87.4	359.0	182.3	1.49
195	93.5	364.0	186.8	1.14
196	99.6	359.0	181.3	0.99
197	105.7	364.0	185.8	0.90
198	111.7	359.0	180.3	0.84
199	117.8	364.0	184.8	0.82
200	123.9	359.0	176.9	1.14
201	130.0	364.0	181.1	1.20
202	136.1	359.0	176.9	1.13
203	142.1	364.0	179.7	0.95
204	148.2	359.0	173.2	0.92
205	154.3	364.0	176.1	1.18
206	160.4	359.0	168.4	1.00
207	166.5	364.0	171.9	1.37
208	172.5	359.0	164.7	1.59
209	178.6	364.0	172.4	1.98
210	184.7	359.0	164.2	2.67
211	63.1	369.0	194.3	2.11

212	75.3	369.0	193.3	2.20
213	87.4	369.0	192.3	1.41
214	99.6	369.0	191.3	0.97
215	111.7	369.0	190.3	0.82
216	123.9	369.0	186.9	1.13
217	136.1	369.0	186.2	0.91
218	148.2	369.0	182.6	1.08
219	160.4	369.0	177.9	1.08
220	172.5	369.0	179.5	1.82
221	184.7	369.0	174.7	2.47

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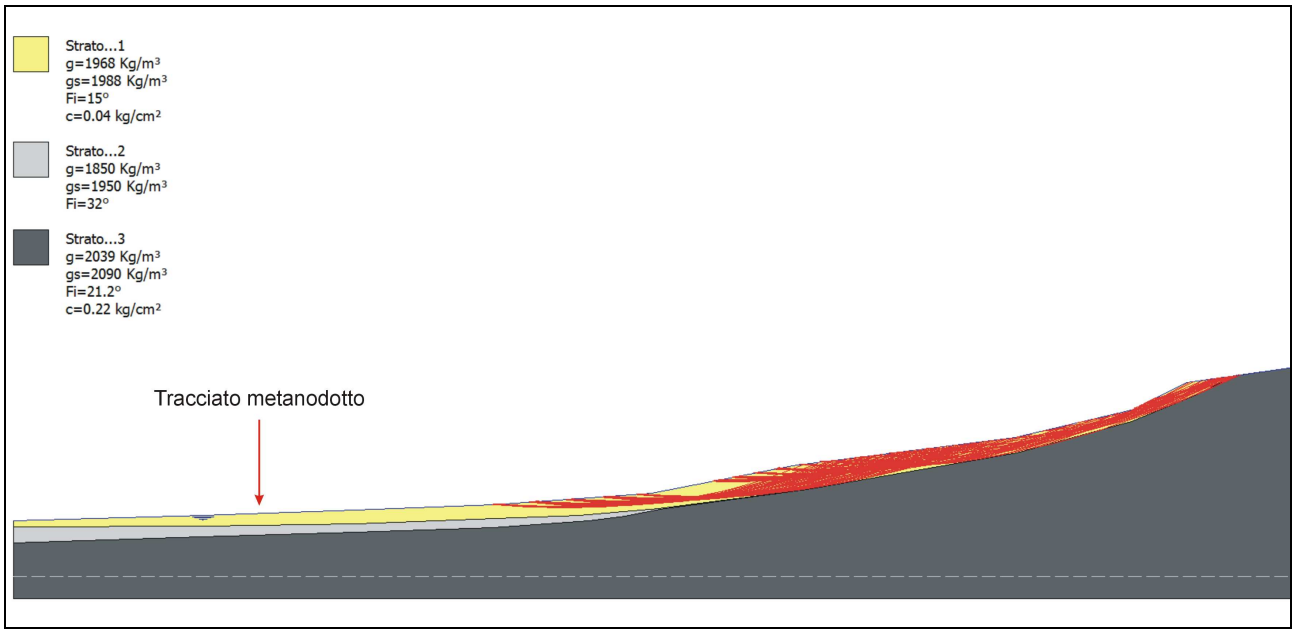

Sezione A-A' - In rosso le superfici di scorrimento con Fs < 1.1