TAP AG Project Title / Facility Name:

Trans Adriatic Pipeline Project

Document Title:

ALLEGATO 8

Studio Preliminare Ambientale
Condotta sottomarina ed affioramenti di biocostruzioni
Prescrizioni A.9, A.10 e A.31 del D.M. 223 del 11/09/2014

ANALISI MORFOLOGICA SUGLI AFFIORAMENTI SALVAGUARDATI GRAZIE ALL'OTTIMIZZAZIONE PROGETTUALE DEL FOC
AREA 5

(Doc. Rif. No. OPL00-C493-150-Y-TRX-0013)

DATI DI SINTESI

Area OGS	Area 5	
Buffer di Analisi	+/- 5 m per lato dall'asse del FOC (tracciato autorizzato VIA 2014)	
Numero totale affioramenti	56	
Affioramenti con dimensioni > di 10 m	1	
Affioramenti con dimensioni < di 10 m	55	
Area Totale (2D)	844	m2
Area Totale (3D)	1417	m2

DETTAGLIO DELLA CLASSIFICAZIONE

CLASSI DIMENSIONALI		n° Affioramenti	%
C1	Lmax<2m	0	0.0%
C2	Lmax 2-4m	22	39.3%
C3	Lmax 4-6m	24	42.9%
C4	Lmax 6-8m	7	12.5%
C5	Lmax 8-10m	2	3.6%
C6	Lmax>10m	1	1.8%
C1	Lmin <2m	2	3.6%
C2	Lmin 2-4m	31	55.4%
C3	Lmin 4-6m	19	33.9%
C4	Lmin 6-8m	4	7.1%
C5	Lmin 8-10m	0	0.0%
C6	Lmin>10m	0	0.0%

CLASSI ELEVAZIONE		n° Affioramenti	%
E1	Elev<0.5m	25	44.6%
E2	Elev 0.5-1m	23	41.1%
E3	Elev 1-2m	7	12.5%
E4	Elev 2-3m	1	1.8%
E5	Elev>3 m	0	0.0%

CLASSI PENDENZA		n° Affioramenti	%
P1	Pmax <10°	3	5.4%
P2	Pmax 10°-20°	30	53.6%
P3	Pmax 20°-30°	15	26.8%
P4	Pmax 30°-40°	5	8.9%
P5	Pmax >40°	3	5.4%
PM1	Pmedia <5°	3	5.4%
PM2	Pmedia 5°-10°	30	53.6%
PM3	Pmedia 10°-15°	16	28.6%
PM4	Pmedia 15°-20°	3	5.4%
PM5	Pmedia >20°	4	7.1%

Label	L_max	L_min	Dist_FOC (m)	Area2D m2	Area 3D m2	Prof_Max	Prof_Min	Prof_Range	Pendenza_Min	Pendenza_Max	Pendenza_Media	OGS_score	Protected	L_max_CLASS	L_min_CLASS	Prof_Range_class	Pendenza_Max_Class	Pendenza_Media_Class
A5_S03-1	7.88	6.12	3.70	32.79	88.08	-38.92	-37.59	1.32	2.19	47.47	22.92	good	Barcelona annex 2	C4	C4	E3	P5	PM5
A5_F_Dig-1	3.28	2.68	**0**	6.12	16.59	-38.88	-38.14	**0.74**	10.46	34.53	20.85			C2	C2	E2	P4	PM5
A5_S03-2	11.73	6.13	4.46	52.33	145.78	-56.29	-54.00	2.29	1.43	56.61	24.48	scarce		C6	C4	E4	P5	PM5
A5_F_Dig-5	5.68	4.56	4.21	18.58	33.87	-59.33	-58.50	0.83	1.62	30.69	13.76			C3	C3	E2	P4	PM3
A5_F_Dig-6	5.60	5.29	5.01	20.77	36.41	-59.85	-58.94	0.90	1.97	25.49	13.39			C3	C3	E2	P3	PM3
A5_S03-7	5.17	4.53	1.15	16.48	24.11	-59.98	-59.28	0.71	1.78	23.35	10.29	scarce		C3	C3	E2	P3	PM3
A5_S03-6	5.42	4.76	1.16	17.37	26.47	-59.96	-59.29	0.67	0.89	18.16	9.88	scarce		C3	C3	E2	P2	PM2
A5_S03-5	3.31	2.47	2.78	5.64	7.31	-59.63	-59.13	0.50	2.90	15.84	8.35	scarce		C2	C2	E2	P2	PM2
A5_F_Dig-7	3.90	3.62	3.82	10.08	12.75	-59.85	-59.37	0.47	1.00	15.16	7.17			C2	C2	E1	P2	PM2
A5_S03-8	7.95	5.68	**0**	32.72	52.86	-60.17	-59.11	**1.06**	0.86	28.94	12.46	scarce		C4	C3	E3	P3	PM3
A5_S03-9	4.92	3.78	2.28	13.40	17.70	-60.84	-60.31	0.52	1.25	16.02	7.55	scarce		C3	C2	E2	P2	PM2
A5_S03-10	5.92	4.55	**0**	20.17	44.81	-60.94	-59.74	**1.20**	2.89	38.47	17.86	scarce		C3	C3	E3	P4	PM4
A5_F_Dig-11	7.12	5.88	1.18	30.06	33.63	-61.09	-60.68	0.41	0.47	12.96	4.58			C4	C3	E1	P2	PM1
A5_S03-18	9.18	7.31	2.17	51.40	67.19	-61.22	-60.28	0.94	1.48	28.00	8.07	scarce		C5	C4	E2	P3	PM2
A5_F_Dig-2	5.46	2.41	3.44	10.33	15.07	-53.03	-52.48	0.56	4.47	17.93	10.90			C3	C2	E2	P2	PM3
A5_S03-3	4.12	3.06	2.88	9.03	13.86	-57.10	-56.40	0.69	0.49	20.83	11.57	scarce		C3	C2	E2	P3	PM3
A5_F_Dig-12	6.44	5.40	3.62	24.61	29.85	-61.98	-61.51	0.48	0.43	16.81	6.83			C4	C3	E1	P2	PM2
A5_S03-11	4.18	3.45	2.32	11.11	15.16	-62.47	-61.94	0.53	2.10	20.10	8.32	scarce		C3	C2	E2	P3	PM2
A5_F_Dig-16	4.60	4.13	0.74	13.83	24.47	-65.45	-64.39	1.06	5.77	25.28	15.43			C3	C3	E3	P3	PM4
A5_F_Dig-17	5.41	5.29	**0**	20.09	30.09	-65.30	-64.35	**0.95**	3.42	22.11	11.56			C3	C3	E2	P3	PM3
A5_F_Dig-14	4.58	3.78	**0**	13.42	15.45	-63.72	-63.35	**0.37**	0.17	12.77	5.82			C3	C2	E1	P2	PM2
A5_F_Dig-15	3.61	3.15	4.80	8.33	9.47	-63.43	-63.18	0.25	1.52	10.02	5.43			C2	C2	E1	P2	PM2
A5_F_Dig-23	8.11	4.23	**0**	25.74	79.43	-67.97	-66.18	**1.79**	4.13	48.03	29.92			C5	C3	E3	P5	PM5
A5_F_Dig-28	7.24	5.76	3.42	31.19	63.02	-70.14	-68.91	1.23	1.27	33.88	17.82			C4	C3	E3	P4	PM4
A5_F_Dig-29	5.29	4.29	1.03	16.96	22.68	-70.09	-69.63	0.47	1.70	15.55	8.17			C3	C3	E1	P2	PM2
A5_F_Dig-27	5.93	3.22	**0**	14.08	21.81	-69.74	-69.06	**0.68**	1.26	24.95	10.01			C3	C2	E2	P3	PM3
A5_F_Dig-32	5.87	4.78	1.30	18.91	28.41	-70.98	-70.18	0.80	0.90	23.74	11.92			C3	C3	E2	P3	PM3
A5_F_Dig-33	3.81	3.30	**0**	9.30	12.90	-71.12	-70.71	**0.41**	1.76	13.10	8.60			C2	C2	E1	P2	PM2
A5_F_Dig-41	4.73	4.07	4.78	14.19	17.05	-77.79	-77.46	0.33	0.29	13.86	6.41			C3	C3	E1	P2	PM2
A5_S04-20	7.18	6.34	**0**	31.76	57.27	-72.61	-71.35	**1.26**	4.11	31.58	14.99	scarce	Barcelona annex 2;Berna annex 2	C4	C4	E3	P4	PM3
A5_S04-24	5.60	4.64	1.03	18.71	25.65	-74.07	-73.43	0.64	2.42	20.47	9.88	scarce	Barcelona annex 2;Berna annex 2	C3	C3	E2	P3	PM2
A5_S04-23	6.66	5.34	1.80	25.35	42.98	-75.19	-74.21	0.98	1.42	28.07	13.22	scarce	Barcelona annex 2;Berna annex 2	C4	C3	E2	P3	PM3
A5_F_Dig-40	3.42	2.33	2.08	5.50	6.81	-75.80	-75.47	0.33	2.49	13.75	7.83			C2	C2	E1	P2	PM2
A5_F_Dig-37	5.06	3.90	**0**	13.56	16.84	-71.99	-71.61	**0.38**	1.22	15.54	7.64			C3	C2	E1	P2	PM2
A5_F_Dig-31	3.39	3.04	**0**	6.61	7.89	-70.68	-70.32	**0.36**	3.05	15.02	9.02			C2	C2	E1	P2	PM2
A5_F_Dig-26	3.29	2.92	4.11	6.63	9.33	-69.11	-68.50	0.61	1.51	17.50	7.40			C2	C2	E2	P2	PM2
A5_S04-21	3.59	3.26	2.02	8.17	11.07	-72.98	-72.40	0.58	4.48	15.24	8.71	ND		C2	C2	E2	P2	PM2
A5_F_Dig-35	3.21	2.82	0.56	6.76	8.24	-71.05	-70.68	0.37	0.81	13.61	6.93			C2	C2	E1	P2	PM2
A5_F_Dig-36	3.56	3.22	**0**	8.13	8.73	-72.07	-71.80	**0.26**	0.64	9.38	4.33			C2	C2	E1	P1	PM1
A5_F_Dig-13	3.11	2.67	**0**	5.55	7.31	-62.77	-62.44	**0.33**	0.66	13.91	7.05			C2	C2	E1	P2	PM2
A5_F_Dig-4	4.05	2.96	4.35	7.72	11.76	-54.07	-53.47	0.60	3.67	19.29	12.25			C3	C2	E2	P2	PM3
A5_F_Dig-3	4.12	3.30	0.70	9.56	14.39	-53.35	-52.68	0.66	1.92	18.78	10.30			C3	C2	E2	P2	PM3
A5_F_Dig-8	2.11	1.71	1.70	2.31	3.26	-59.78	-59.48	0.30	4.83	16.43	10.55			C2	C1	E1	P2	PM3
A5_F_Dig-9	4.61	4.38	3.94	13.78	21.17	-60.58	-59.82	0.76	0.16	23.96	9.73			C3	C3	E2	P3	PM2
A5_F_Dig-10	4.18	3.88	1.37	11.47	16.57	-60.74	-60.29	0.45	3.06	18.54	10.27			C3	C2	E1	P2	PM3
A5_F_Dig-39	3.32	3.11	1.15	7.40	10.69	-72.59	-72.21	0.38	3.77	17.46	10.62			C2	C2	E1	P2	PM3
A5_F_Dig-18	4.88	3.38	1.39	11.61	16.48	-66.54	-65.97	0.57	1.44	23.54	9.60			C3	C2	E2	P3	PM2
A5_F_Dig-19	3.40	3.34	**0**	8.02	9.43	-67.14	-66.87	**0.27**	0.53	11.55	6.37			C2	C2	E1	P2	PM2
A5_F_Dig-20	2.92	2.87	**0.04**	5.60	7.02	-67.35	-67.06	**0.29**	1.52	11.24	5.82			C2	C2	E1	P2	PM2
A5_F_Dig-21	2.02	1.85	3.70	2.61	3.58	-67.58	-67.09	0.49	2.02	13.05	8.17			C2	C1	E1	P2	PM2
A5_F_Dig-22	3.63	3.02	**0**	7.87	10.87	-67.60	-67.17	**0.43**	2.63	14.78	8.30			C2	C2	E1	P2	PM2
A5_F_Dig-34	2.81	2.53	3.19	4.92	5.79	-70.79	-70.59	0.20	2.24	9.15	5.68			C2	C2	E1	P1	PM2
A5_F_Dig-24	5.51	4.39	**0**	15.89	23.13	-68.71	-67.89	**0.82**	0.36	22.04	9.76			C3	C3	E2	P3	PM2
A5_F_Dig-25	3.08	2.62	1.63	5.54	8.15	-68.67	-68.22	0.44	2.12	13.93	8.70			C2	C2	E1	P2	PM2
A5_F_Dig-38	3.45	3.11	0.96	7.36	9.05	-72.06	-71.89	0.17	0.39	10.28	5.13			C2	C2	E1	P2	PM2
A5_F_Dig-30	2.99	2.42	**0.08**	5.30	6.46	-70.17	-69.96	**0.21**	0.87	9.19	4.69			C2	C2	E1	P1	PM1
				832.73	**1386.19**