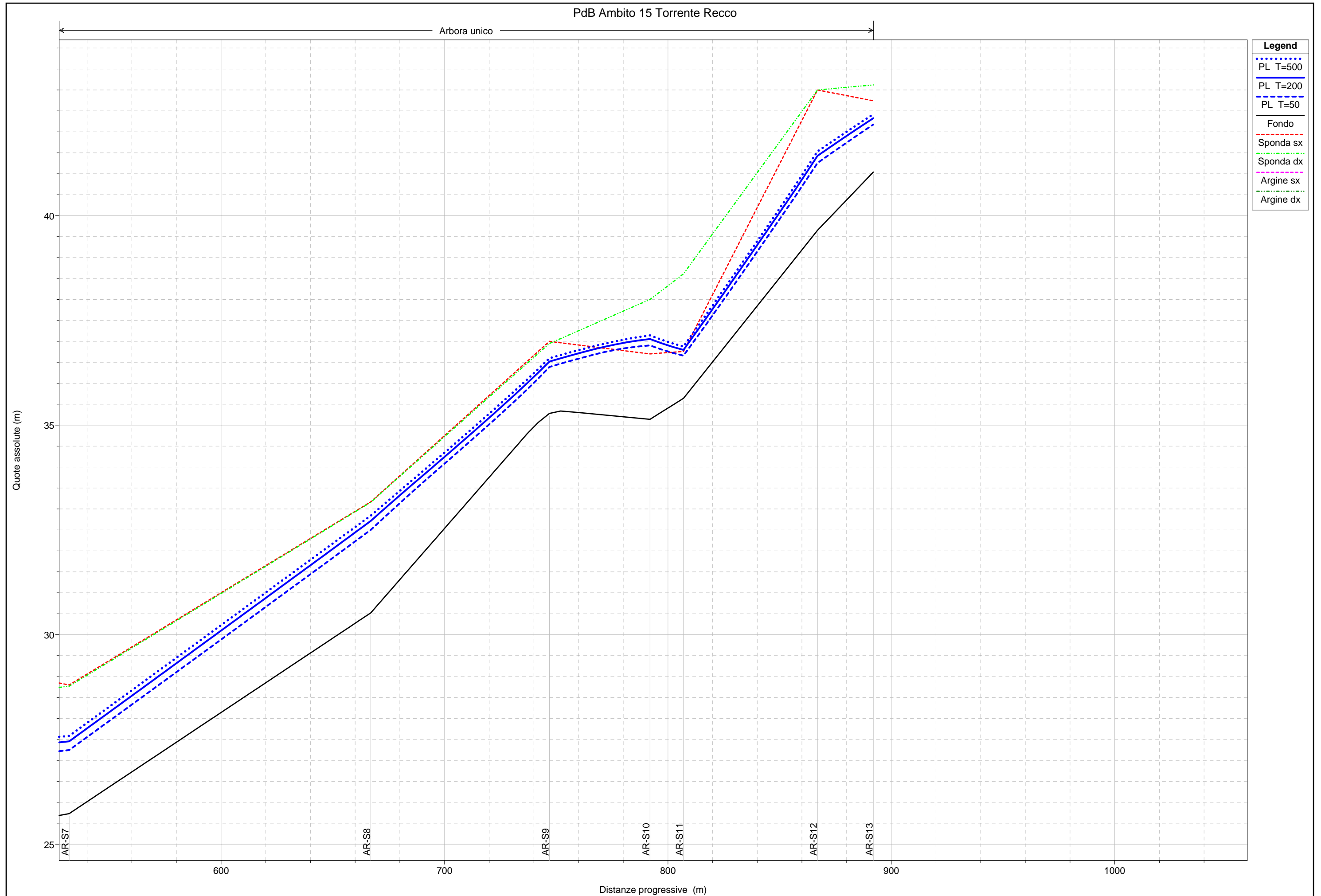


# **Rio di Arbora**

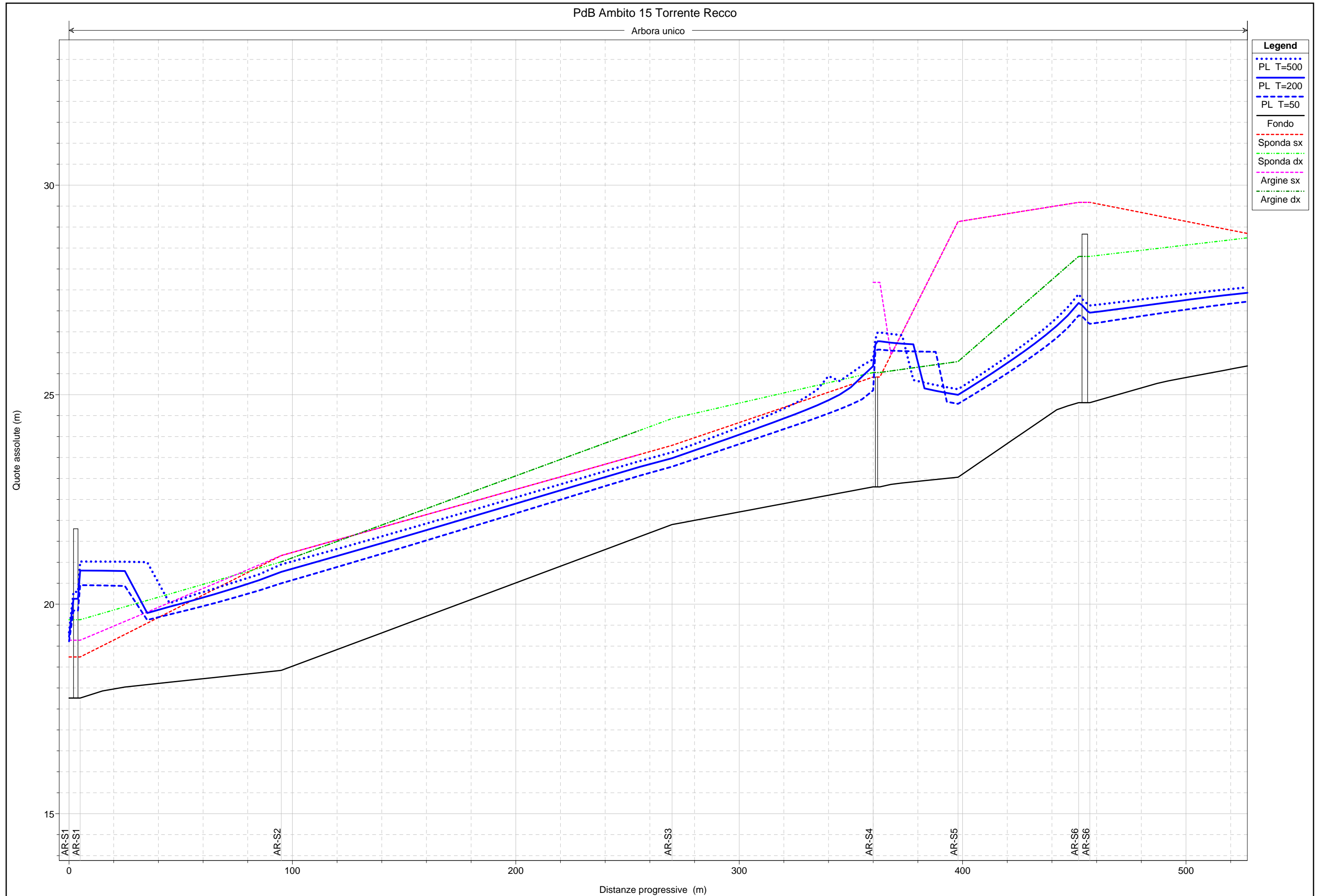
dalla sezione AR-S13 alla AR-S1

- Profili di corrente
- Sezioni idrauliche
- Tabelle dei risultati



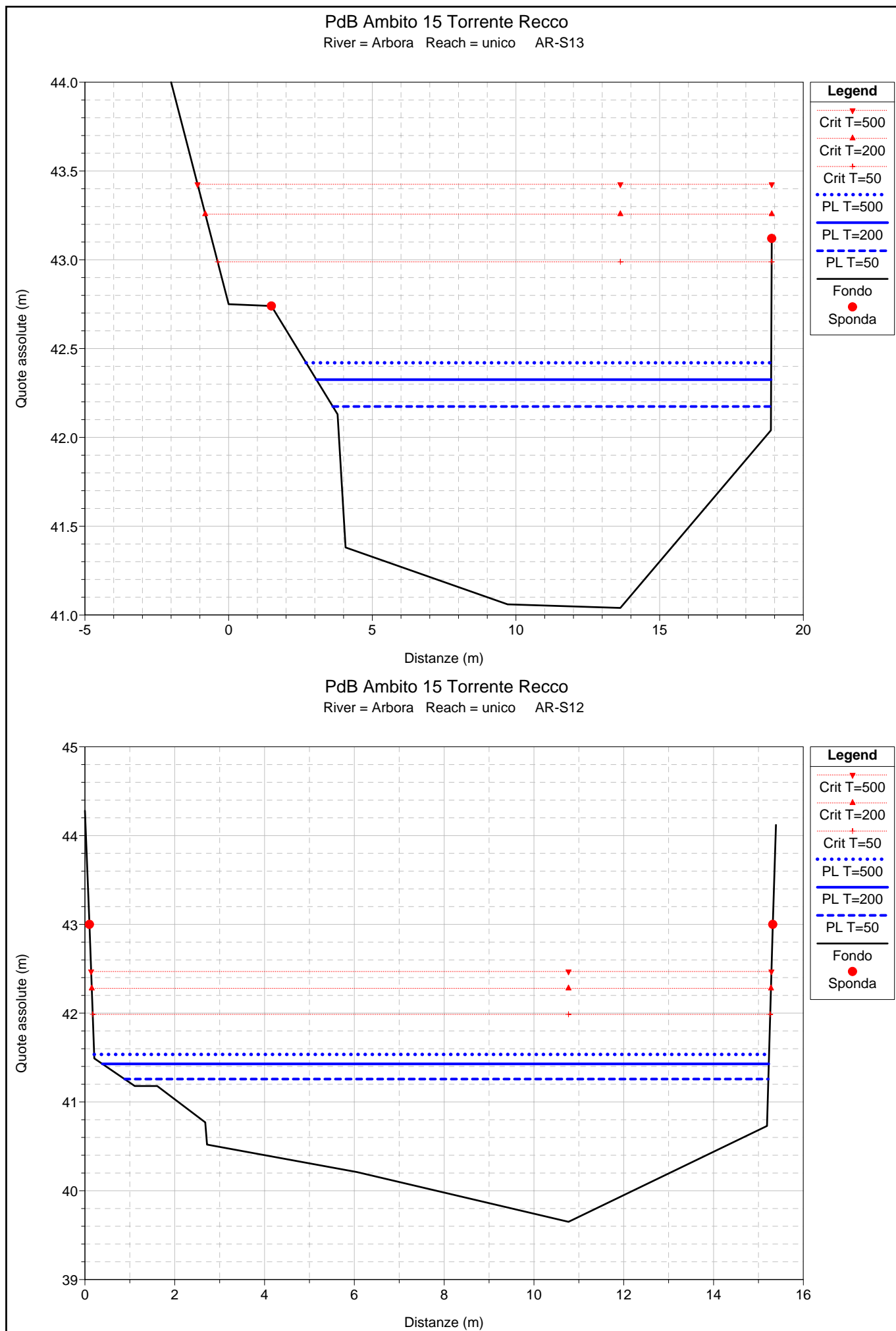
1 cm Horiz. = 15 m 1 cm Vert. = 0.8 m

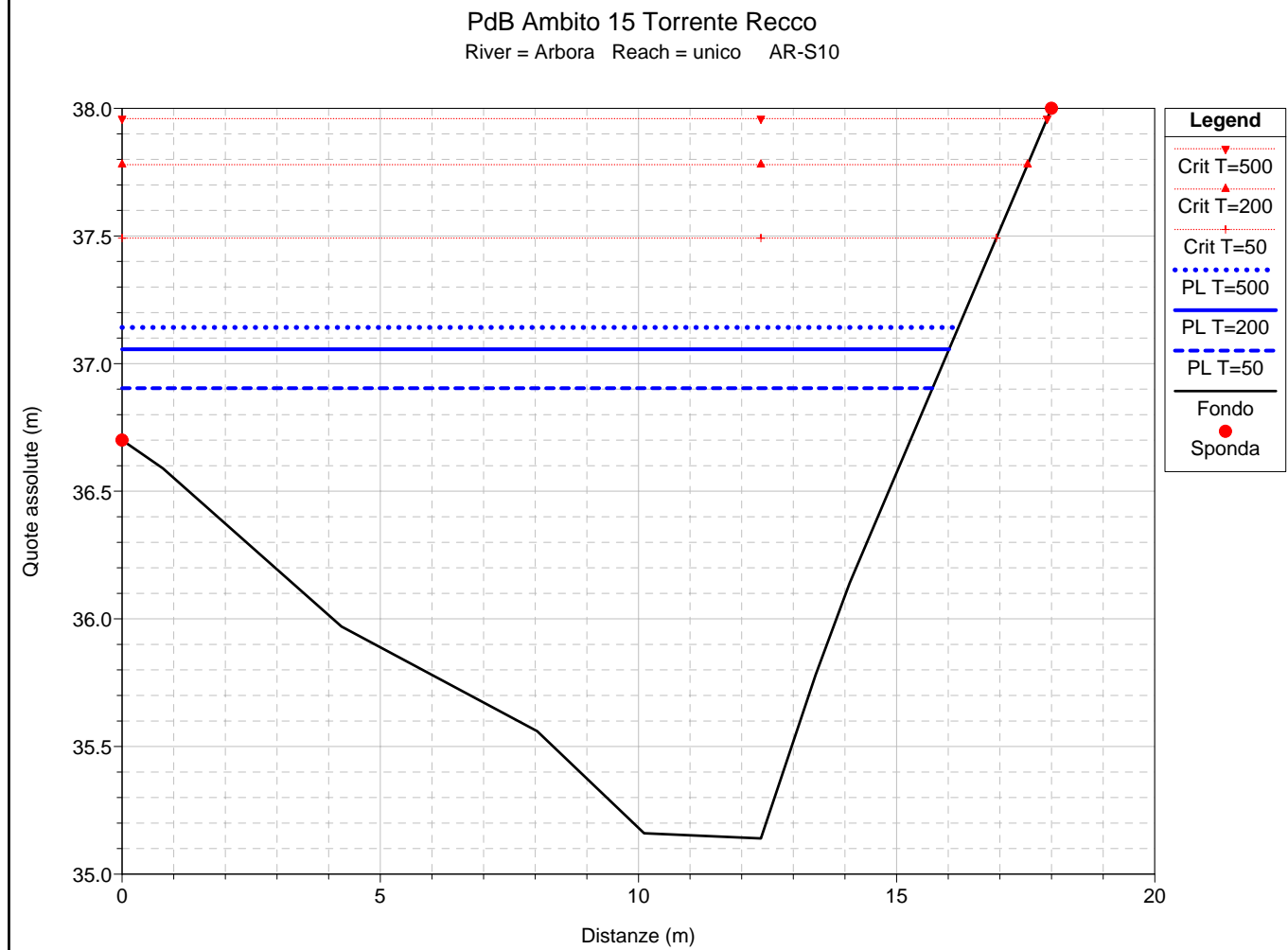
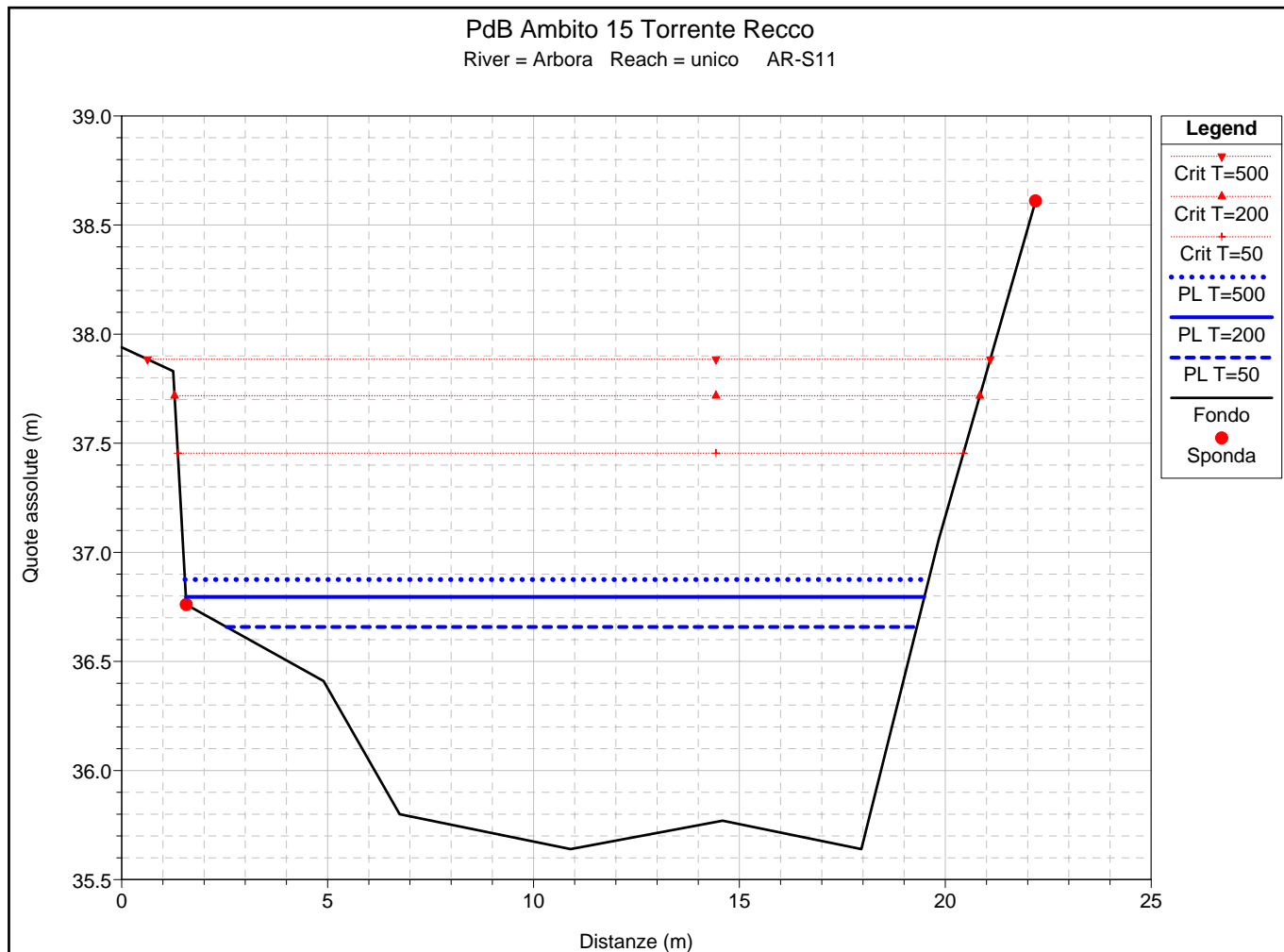
Approvato con D.C.P. n. 24 del 21-03-2007



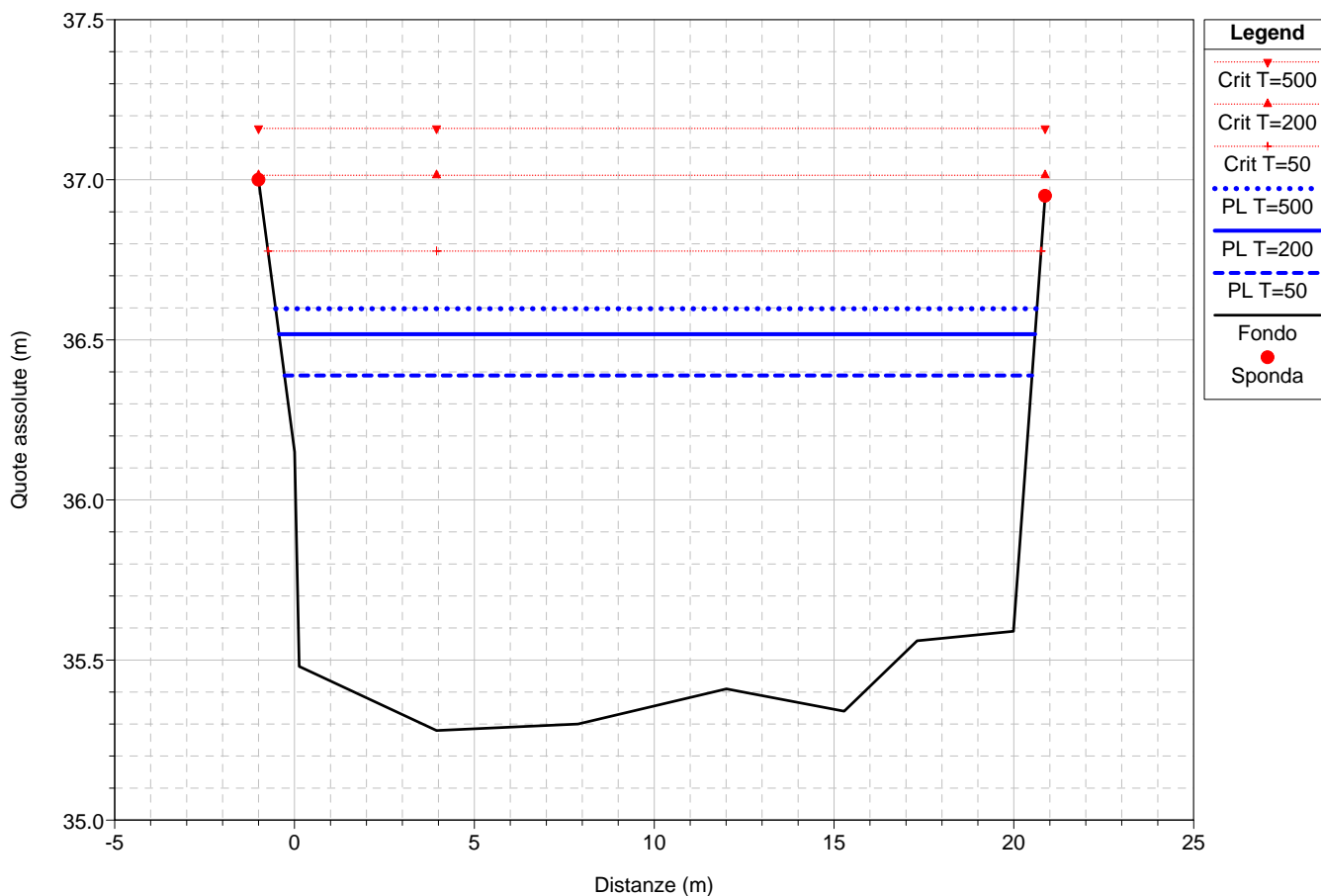
1 cm Horiz. = 15 m 1 cm Vert. = 0.8 m

Approvato con D.C.P. n. 24 del 21-03-2007

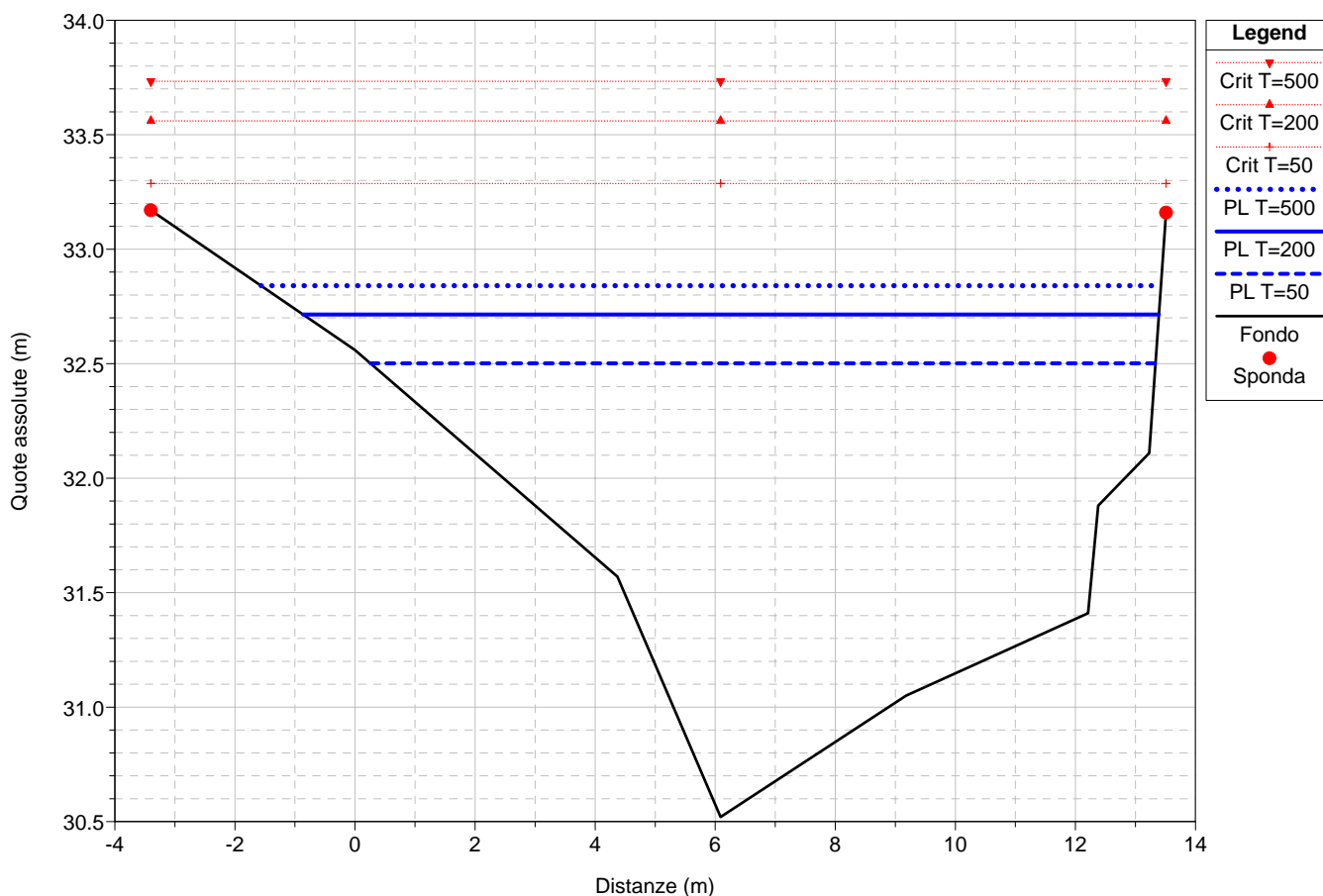




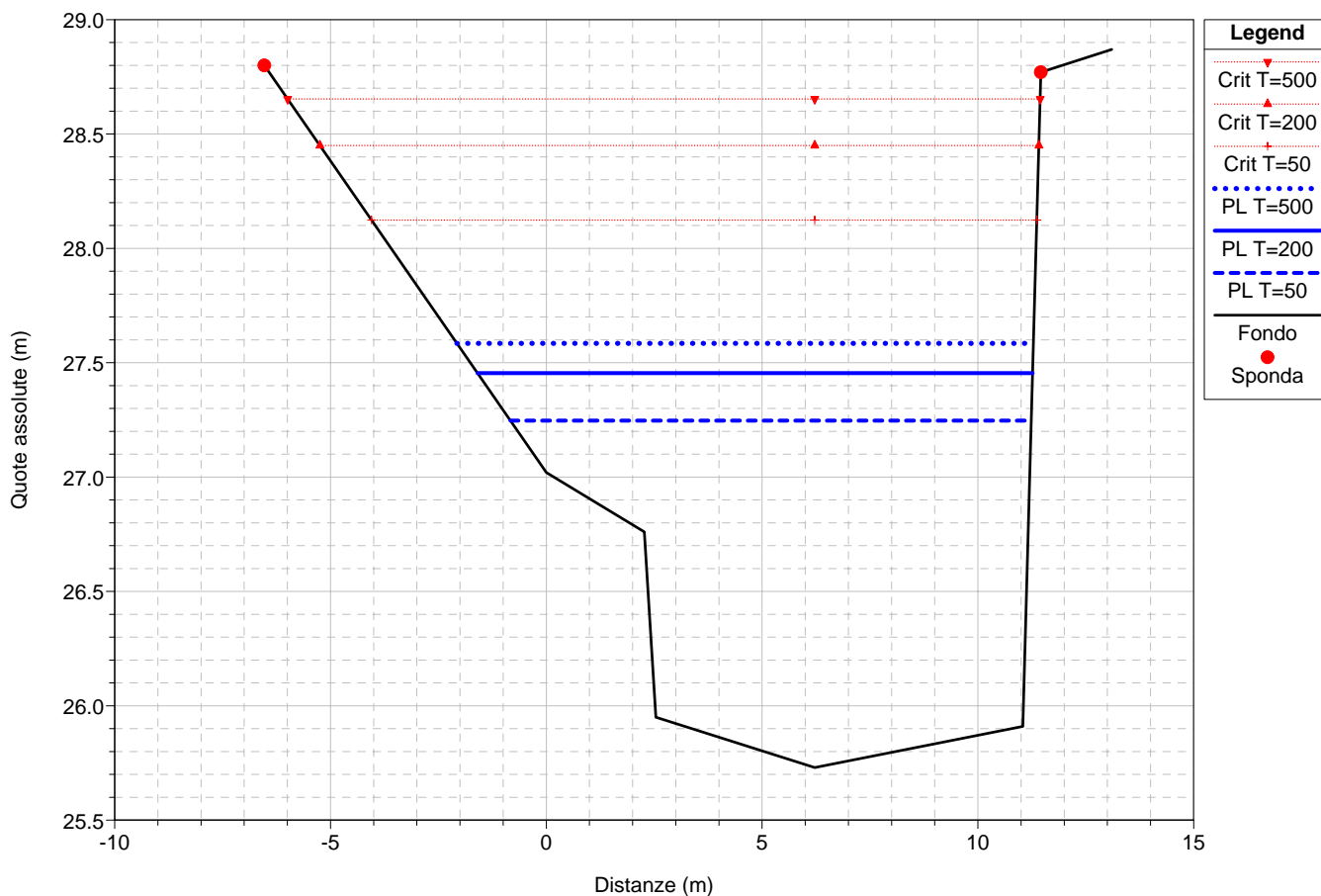
PdB Ambito 15 Torrente Recco  
 River = Arbora Reach = unico AR-S9



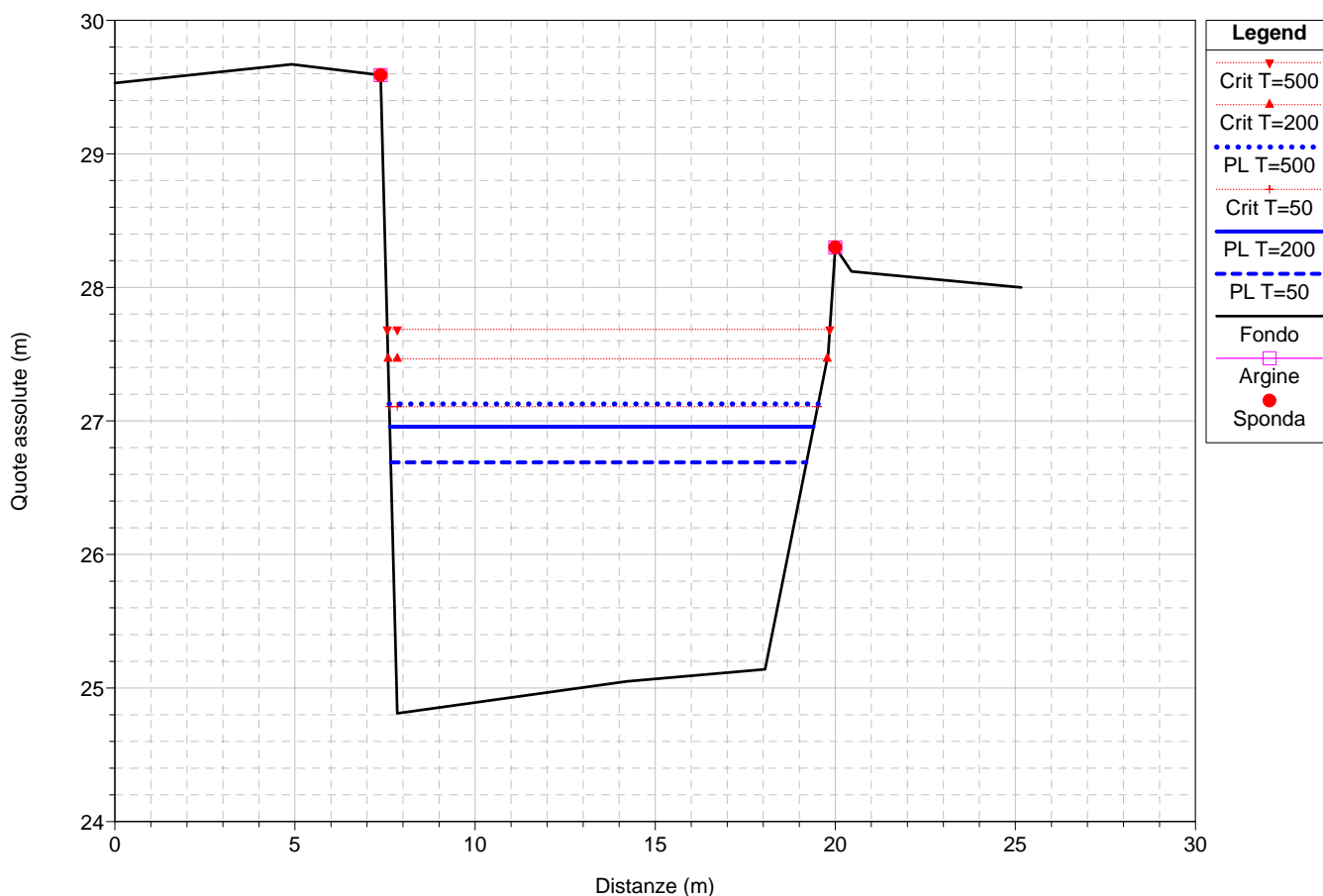
PdB Ambito 15 Torrente Recco  
 River = Arbora Reach = unico AR-S8



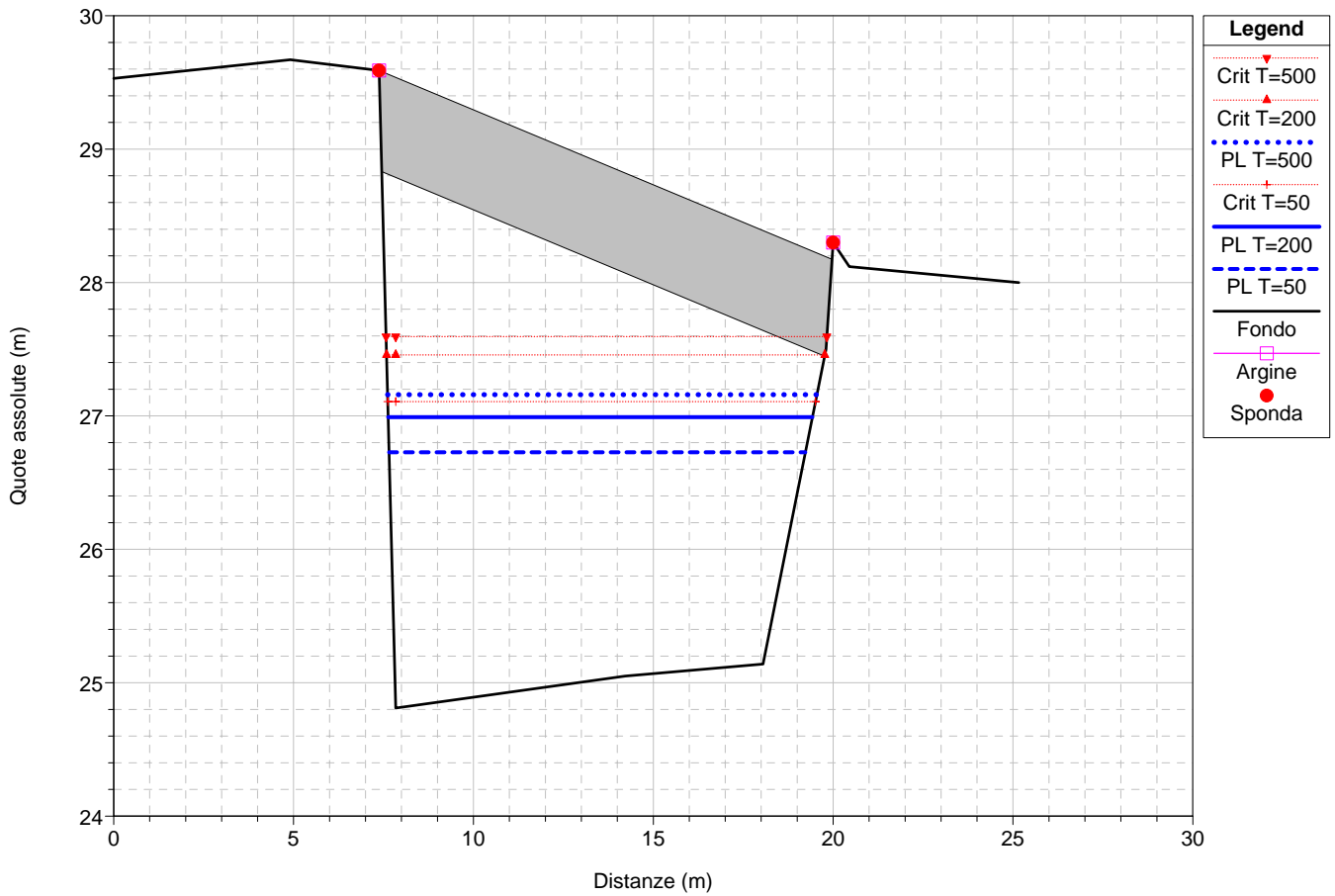
PdB Ambito 15 Torrente Recco  
 River = Arbora Reach = unico AR-S7



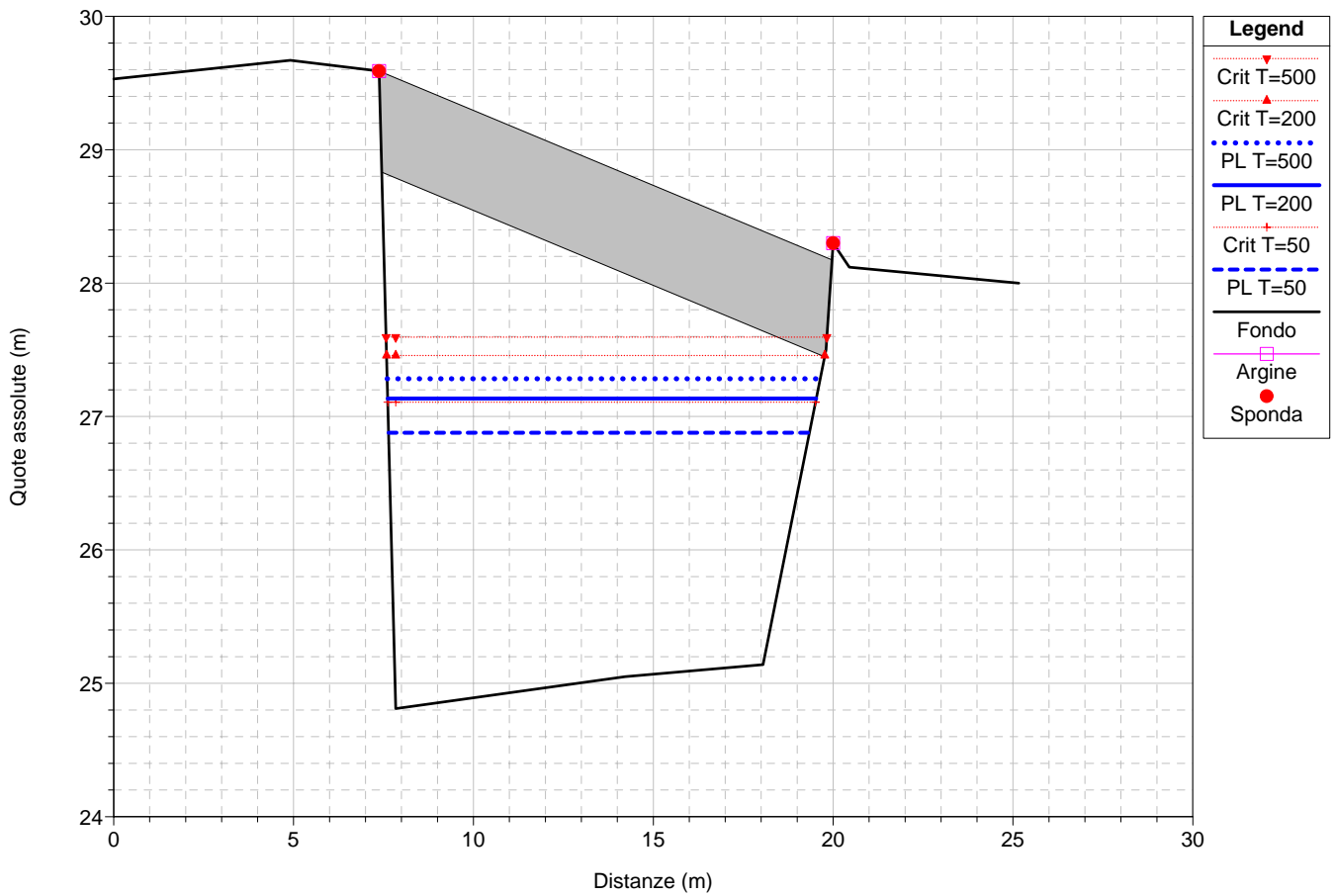
PdB Ambito 15 Torrente Recco  
 River = Arbora Reach = unico AR-S6



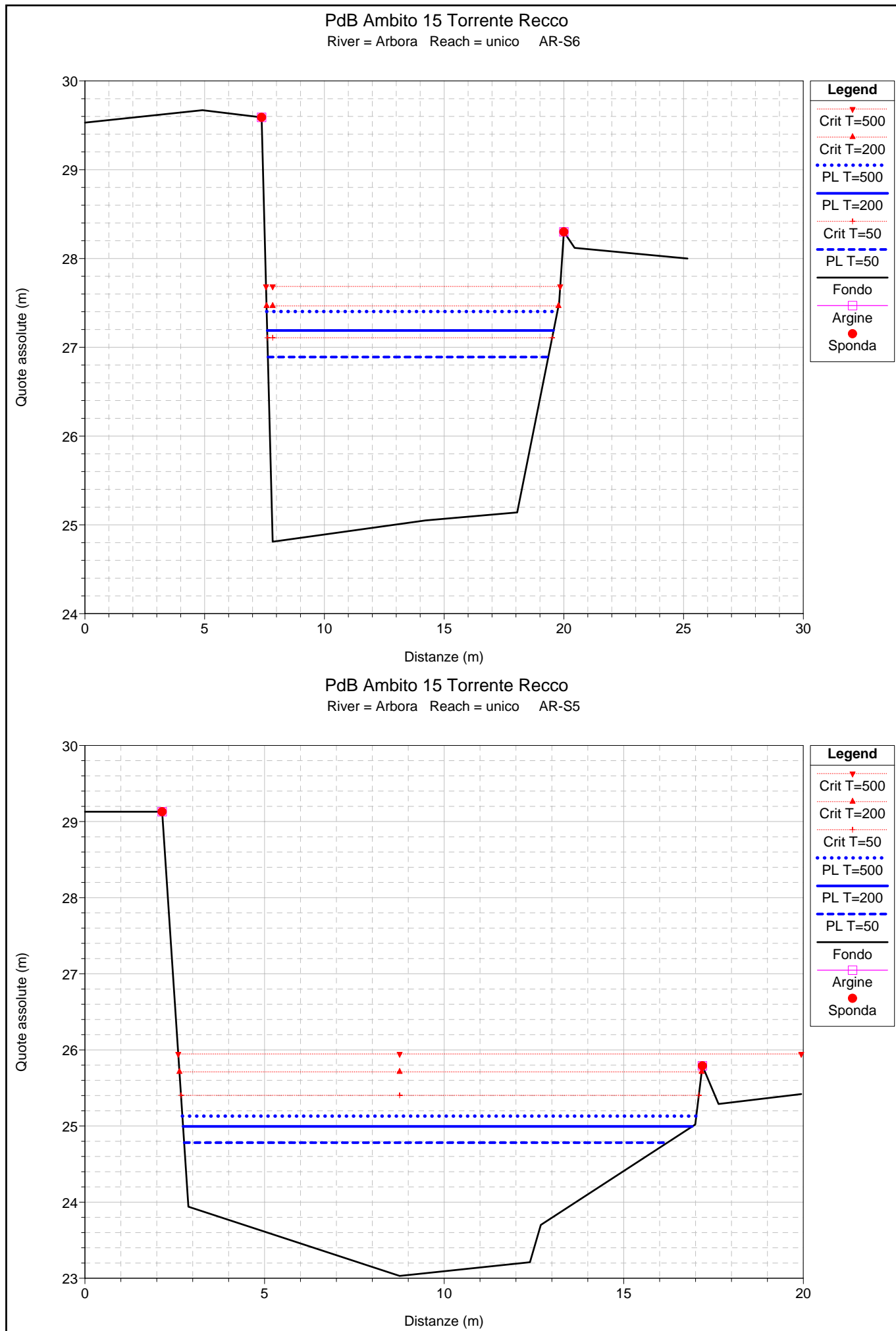
PdB Ambito 15 Torrente Recco  
 River = Arbora Reach = unico AR-S6



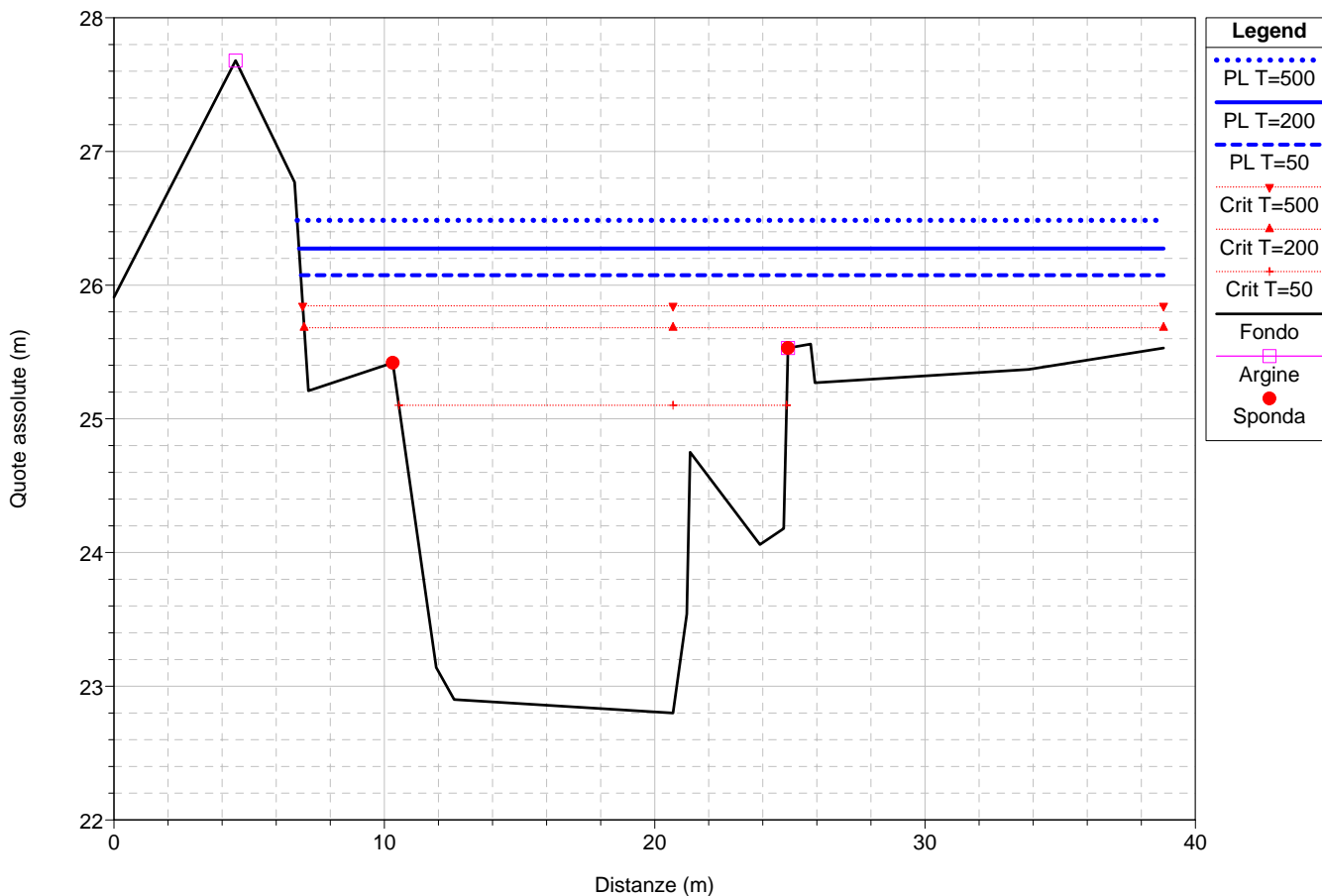
PdB Ambito 15 Torrente Recco  
 River = Arbora Reach = unico AR-S6



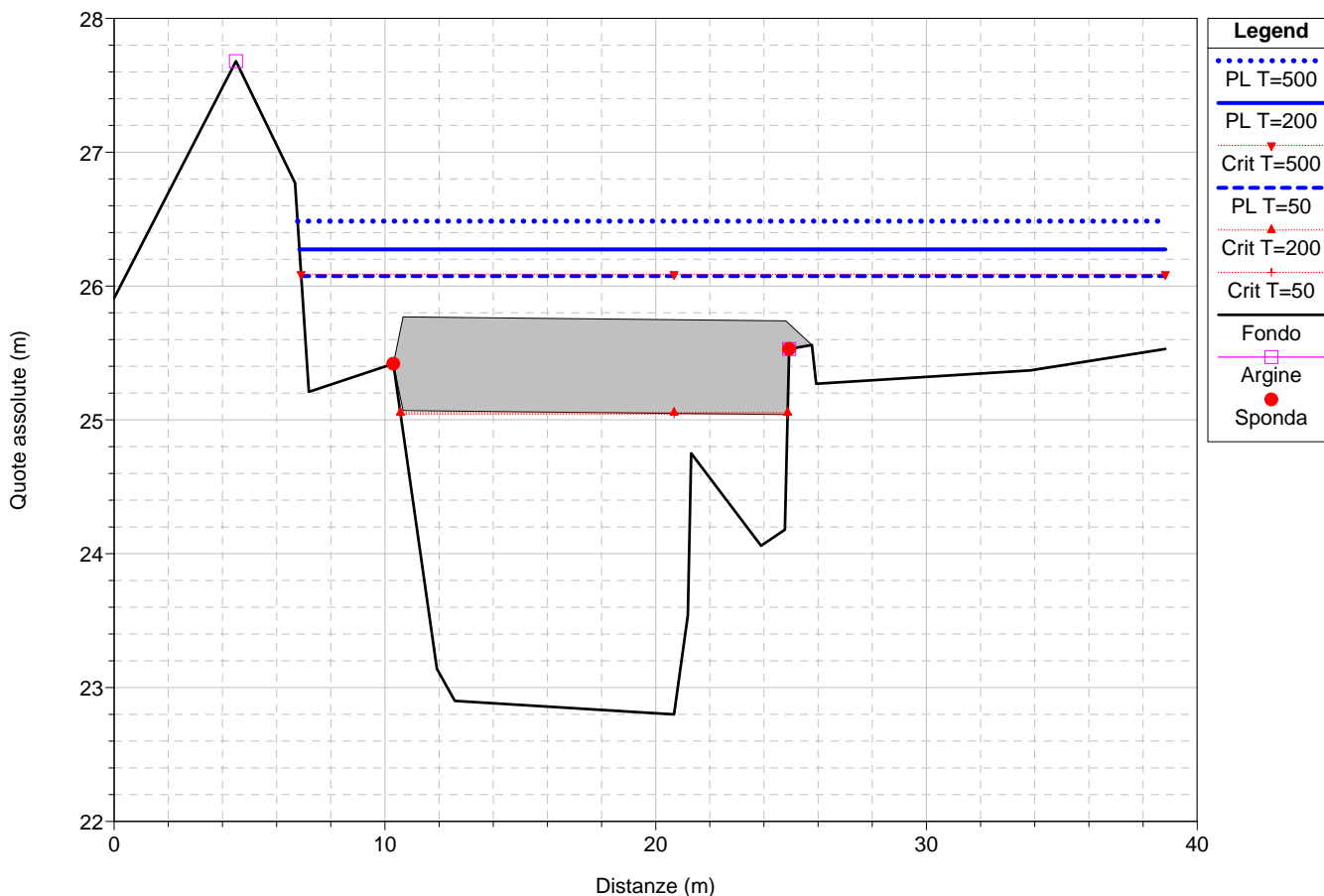


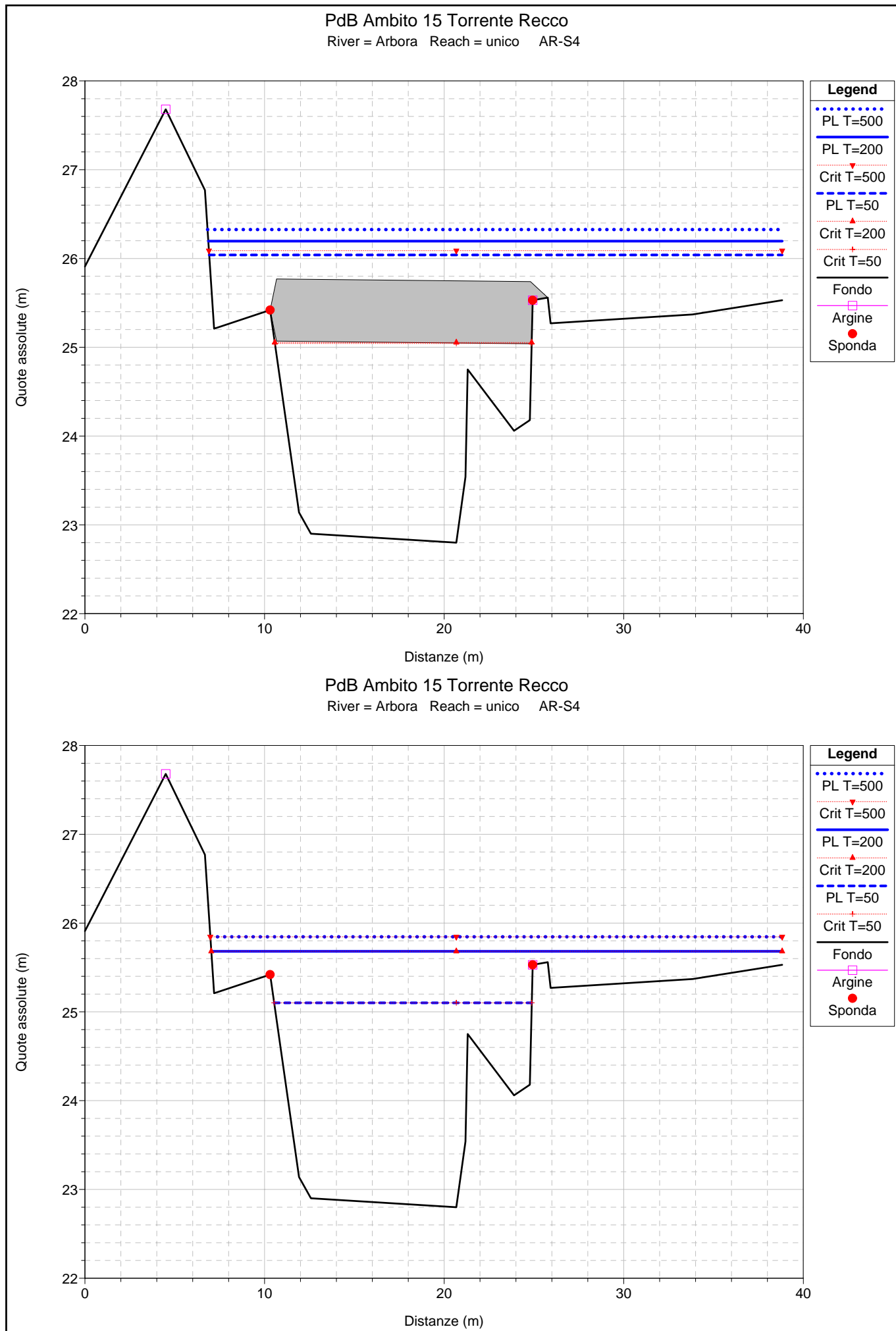


PdB Ambito 15 Torrente Recco  
River = Arbora Reach = unico AR-S4

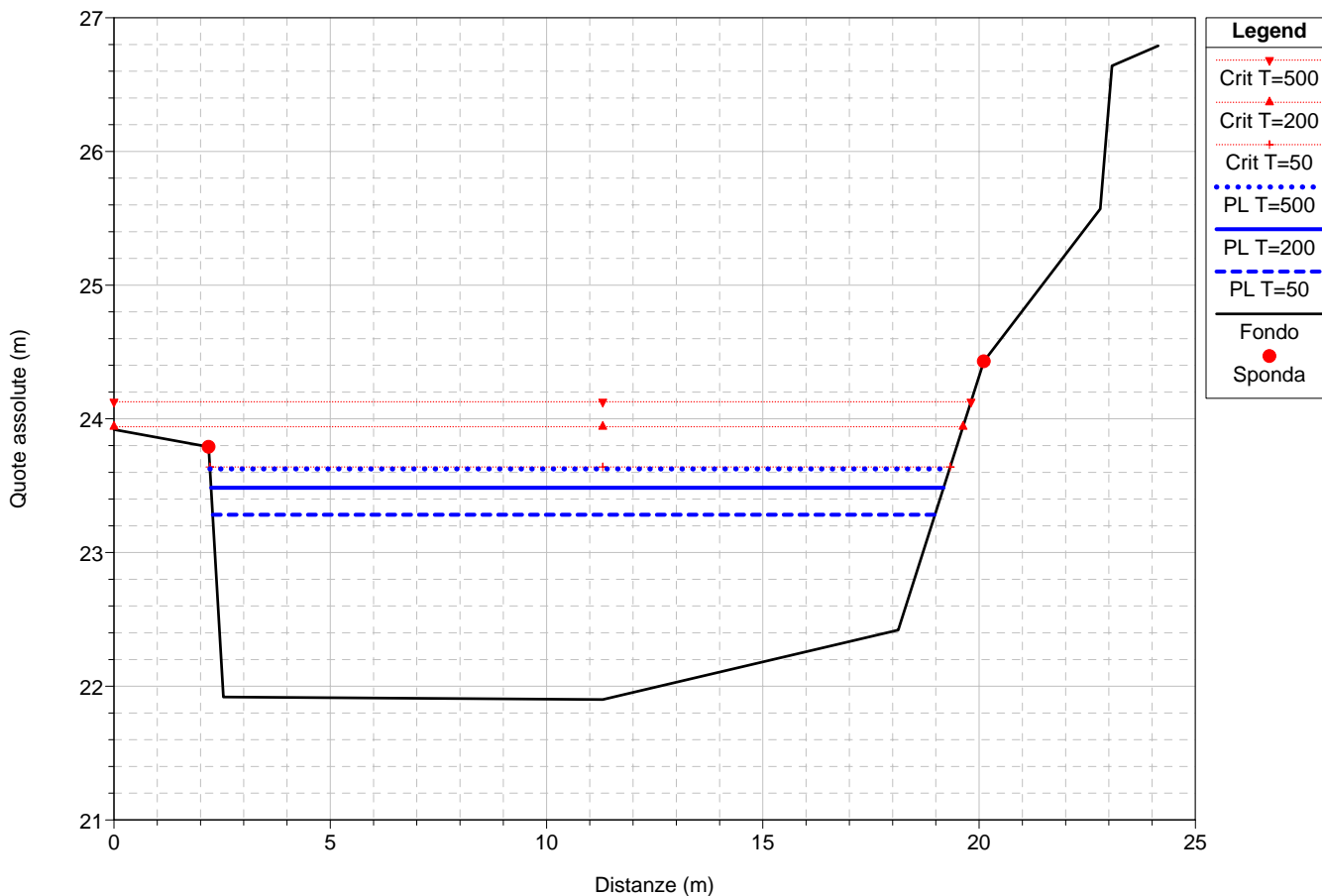


PdB Ambito 15 Torrente Recco  
River = Arbora Reach = unico AR-S4

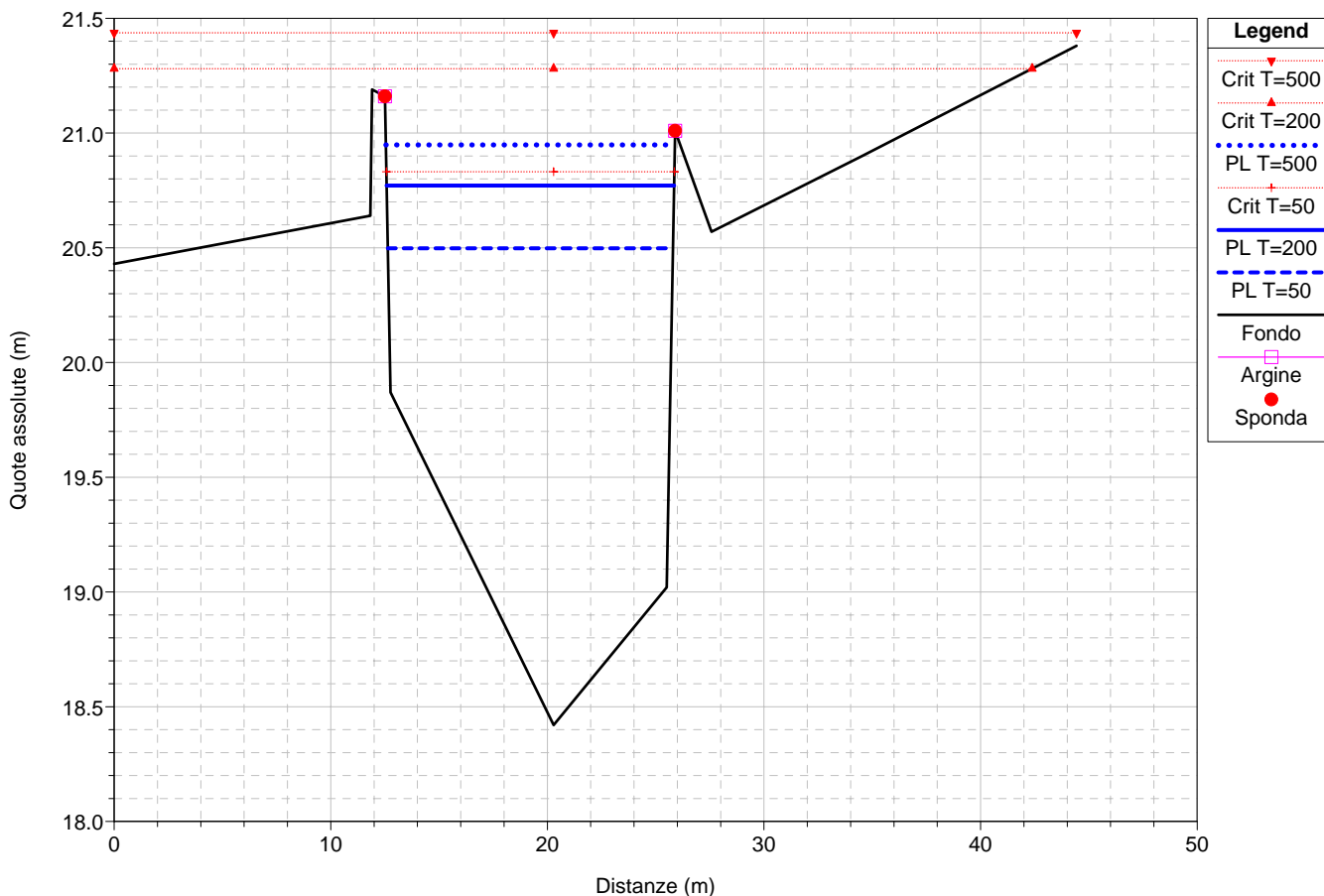




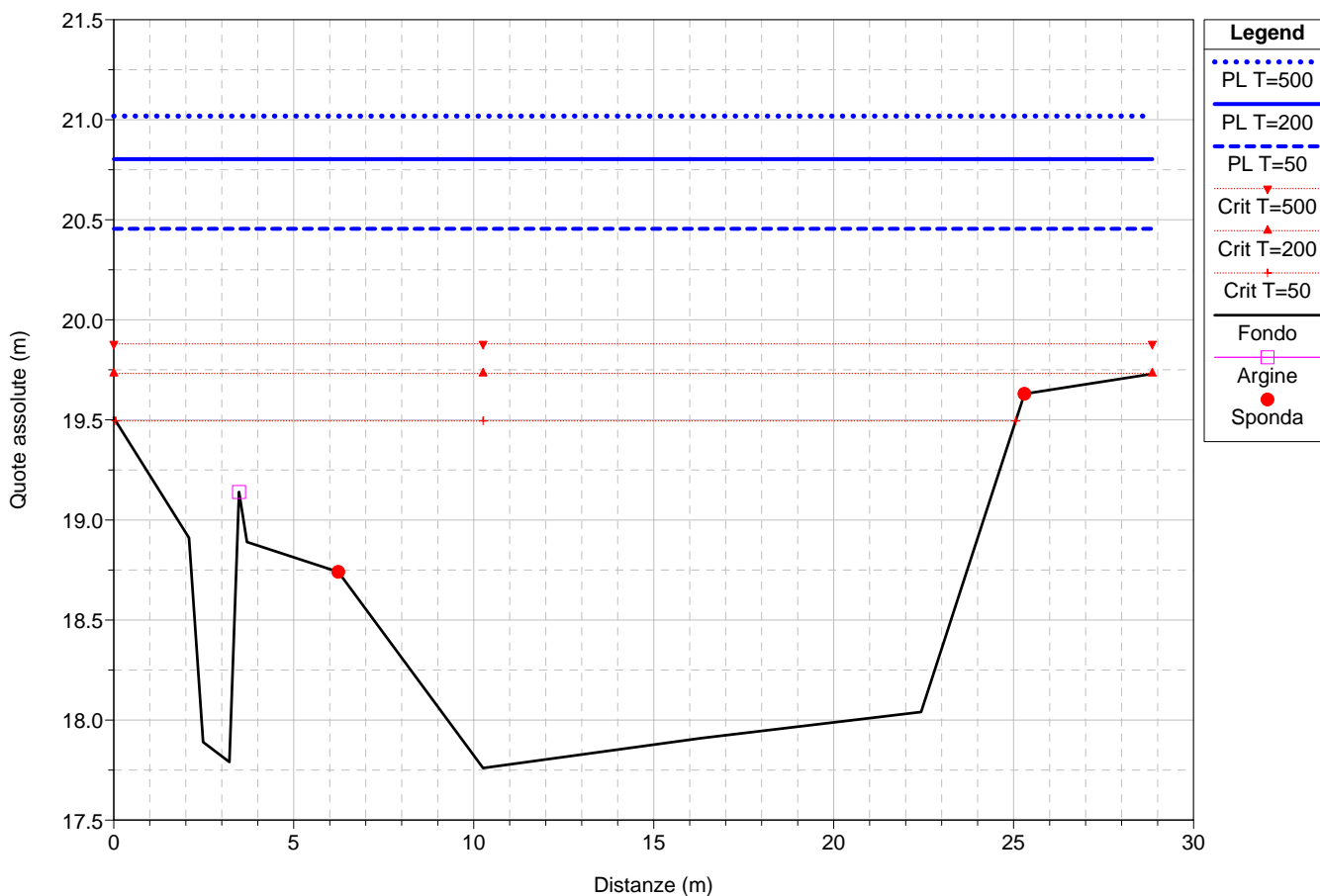
PdB Ambito 15 Torrente Recco  
 River = Arbora Reach = unico AR-S3



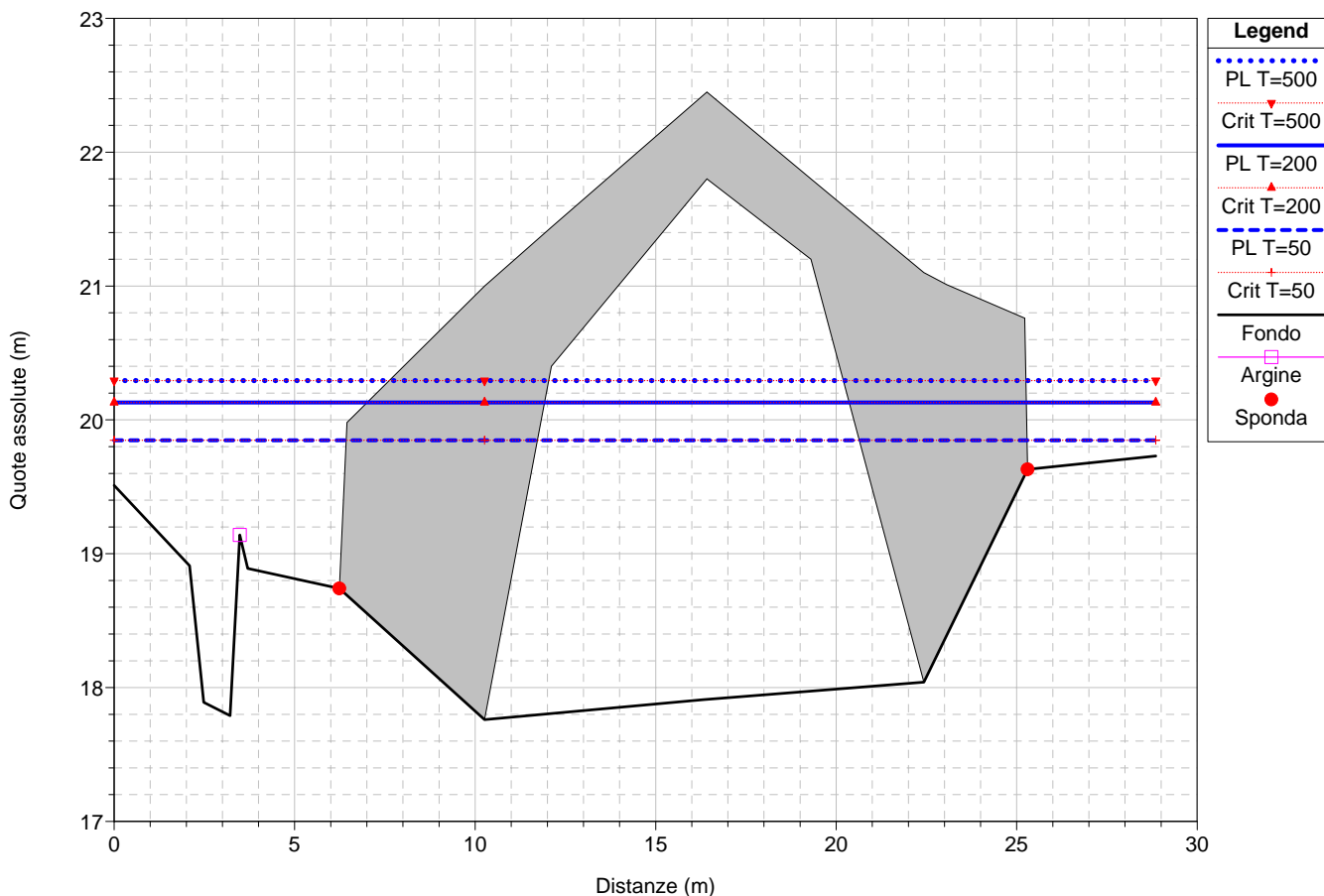
PdB Ambito 15 Torrente Recco  
 River = Arbora Reach = unico AR-S2



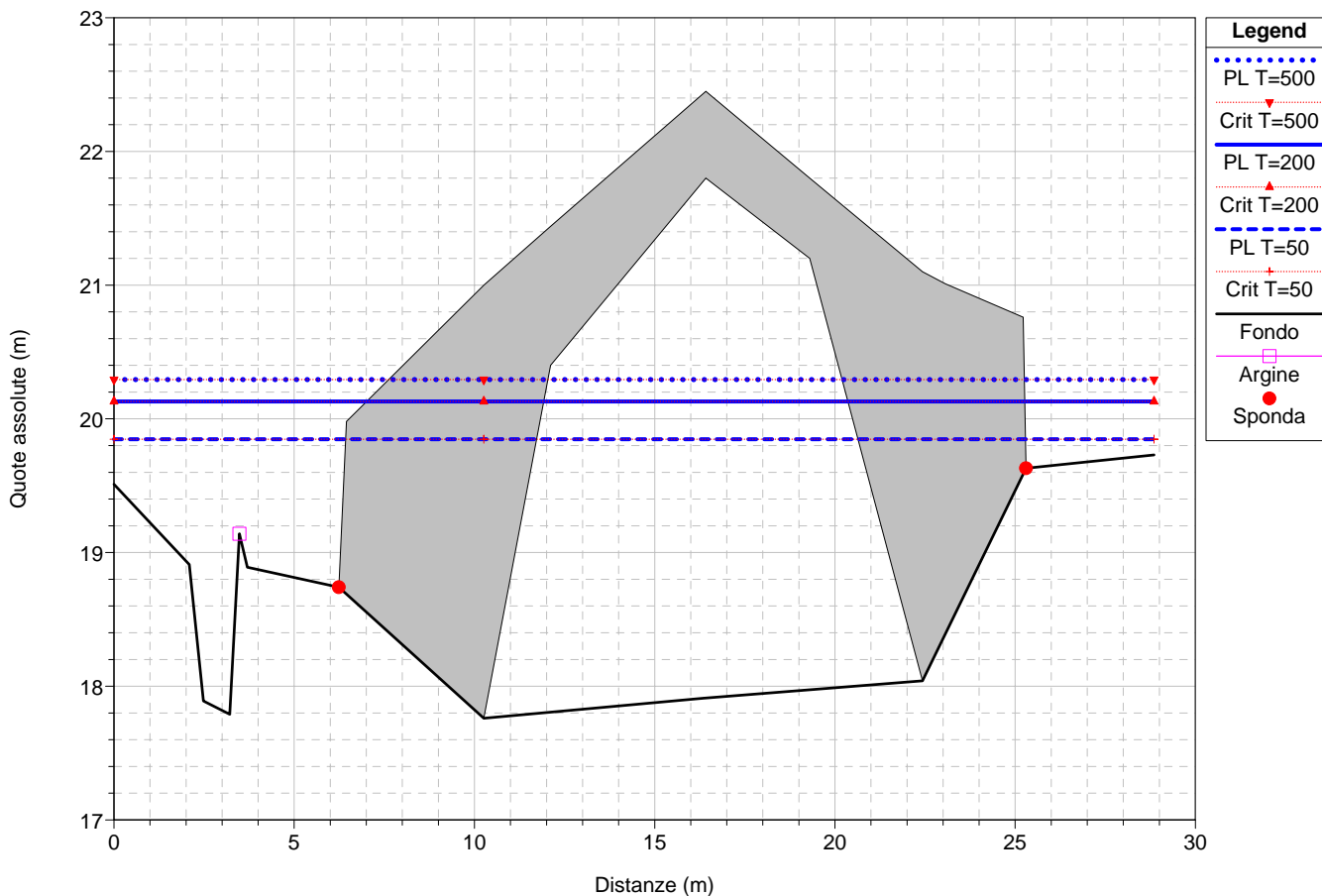
PdB Ambito 15 Torrente Recco  
River = Arbora Reach = unico AR-S1



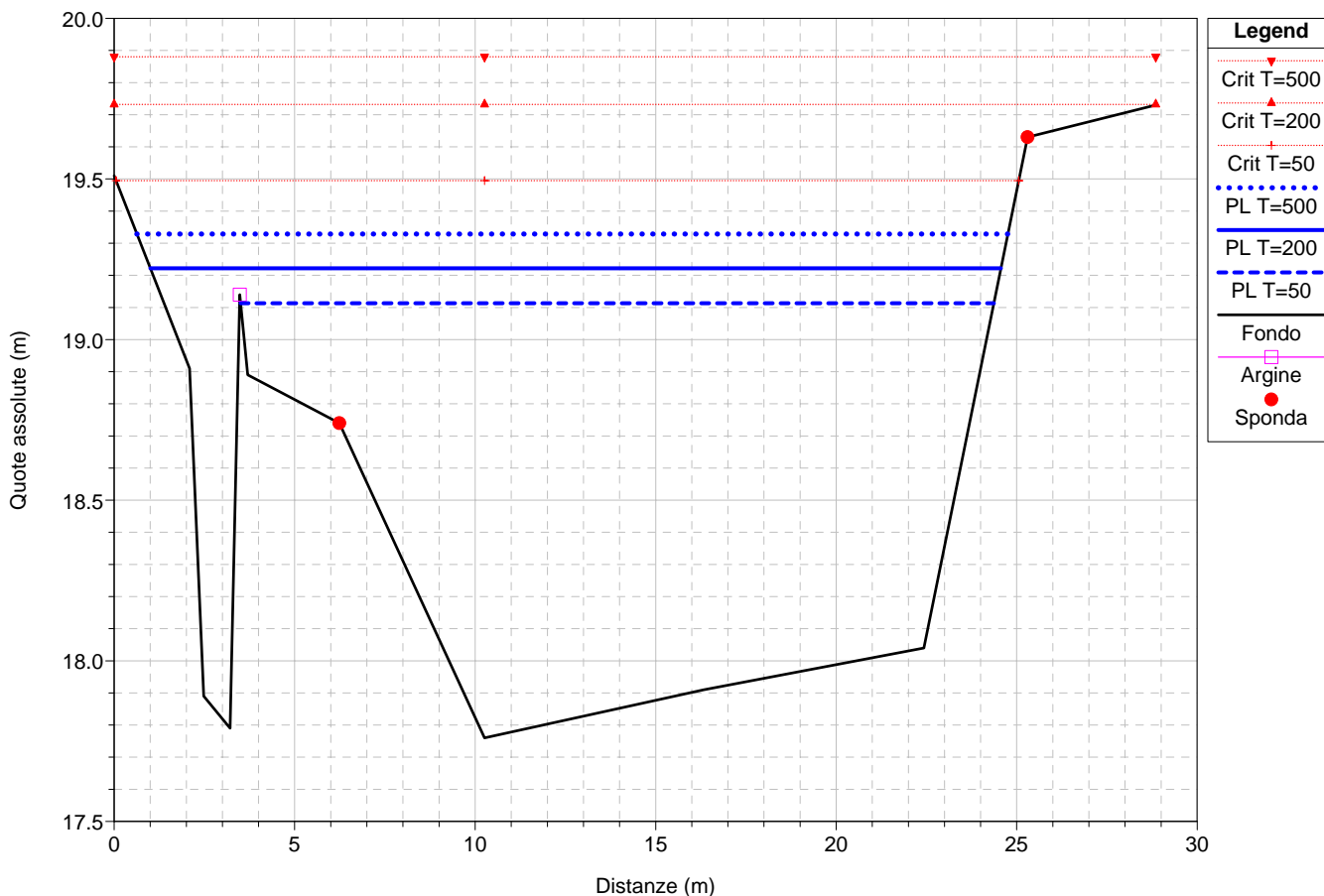
PdB Ambito 15 Torrente Recco  
River = Arbora Reach = unico AR-S1



PdB Ambito 15 Torrente Recco  
 River = Arbora Reach = unico AR-S1



PdB Ambito 15 Torrente Recco  
 River = Arbora Reach = unico AR-S1



HEC-RAS Plan: Affluenti River: Arbora Reach: unico

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl	
unico	13	AR-S13	T=50	102.00	41.04	42.17	42.74	0.57	43.12	0.95	42.99	45.20	0.060039	7.71	13.23	15.25	2.64
unico	13	AR-S13	T=200	130.00	41.04	42.33	42.74	0.41	43.12	0.79	43.26	45.87	0.060068	8.34	15.58	15.83	2.68
unico	13	AR-S13	T=500	149.00	41.04	42.42	42.74	0.32	43.12	0.70	43.43	46.29	0.060081	8.71	17.10	16.18	2.71
unico	12	AR-S12	T=50	102.00	39.65	41.26	43.00	1.74	43.00	1.74	41.99	43.84	0.043301	7.11	14.34	14.34	2.27
unico	12	AR-S12	T=200	130.00	39.65	41.43	43.00	1.57	43.00	1.57	42.28	44.47	0.043744	7.72	16.83	14.84	2.31
unico	12	AR-S12	T=500	149.00	39.65	41.54	43.00	1.46	43.00	1.46	42.47	44.87	0.043715	8.09	18.43	15.03	2.33
unico	11	AR-S11	T=50	102.00	35.64	36.66	36.76	0.10	38.61	1.95	37.45	39.99	0.077619	8.09	12.62	16.76	2.97
unico	11	AR-S11	T=200	130.00	35.64	36.80	36.76	-0.04	38.61	1.81	37.72	40.61	0.077069	8.65	15.03	17.93	3.02
unico	11	AR-S11	T=500	149.00	35.64	36.88	36.76	-0.12	38.61	1.73	37.88	41.05	0.075387	9.05	16.46	18.06	3.02
unico	10	AR-S10	T=50	102.00	35.14	36.90	36.70	-0.20	38.00	1.10	37.49	38.83	0.029270	6.14	16.60	15.70	1.91
unico	10	AR-S10	T=200	130.00	35.14	37.06	36.70	-0.36	38.00	0.94	37.78	39.44	0.031459	6.83	19.02	16.02	2.00
unico	10	AR-S10	T=500	149.00	35.14	37.14	36.70	-0.44	38.00	0.86	37.96	39.86	0.033466	7.30	20.40	16.20	2.08
unico	9	AR-S9	T=50	102.00	35.28	36.39	37.00	0.61	36.95	0.56	36.78	37.69	0.017875	5.06	20.15	20.79	1.64
unico	9	AR-S9	T=200	130.00	35.28	36.52	37.00	0.48	36.95	0.43	37.01	38.17	0.019490	5.69	22.86	21.02	1.74
unico	9	AR-S9	T=500	149.00	35.28	36.60	37.00	0.40	36.95	0.35	37.16	38.48	0.020495	6.07	24.53	21.17	1.80
unico	8	AR-S8	T=50	102.00	30.52	32.50	33.17	0.67	33.16	0.66	33.29	35.14	0.032451	7.20	14.17	13.08	2.21
unico	8	AR-S8	T=200	130.00	30.52	32.71	33.17	0.45	33.16	0.45	33.56	35.66	0.031962	7.61	17.08	14.26	2.22
unico	8	AR-S8	T=500	149.00	30.52	32.84	33.17	0.33	33.16	0.32	33.73	36.00	0.032048	7.87	18.92	14.99	2.24
unico	7	AR-S7	T=50	102.00	25.73	27.25	28.80	1.55	28.77	1.52	28.12	30.23	0.038541	7.65	13.33	12.07	2.32
unico	7	AR-S7	T=200	130.00	25.73	27.45	28.80	1.35	28.77	1.32	28.45	30.85	0.038011	8.16	15.92	12.86	2.34
unico	7	AR-S7	T=500	149.00	25.73	27.58	28.80	1.22	28.77	1.19	28.65	31.23	0.037624	8.46	17.62	13.36	2.35
unico	6.1	AR-S6	T=50	102.00	24.81	26.69	29.59	2.90	28.30	1.61	27.11	28.26	0.013384	5.54	18.40	11.54	1.40
unico	6.1	AR-S6	T=200	130.00	24.81	26.96	29.59	2.63	28.30	1.34	27.47	28.82	0.013657	6.04	21.51	11.76	1.43
unico	6.1	AR-S6	T=500	149.00	24.81	27.13	29.59	2.46	28.30	1.17	27.69	29.17	0.013764	6.33	23.53	11.91	1.44
unico	6	AR-S6		Bridge													
unico	5.9	AR-S6	T=50	102.00	24.81	26.89	29.59	2.70	28.30	1.41	27.11	28.12	0.011781	4.92	20.72	11.71	1.18
unico	5.9	AR-S6	T=200	130.00	24.81	27.19	29.59	2.40	28.30	1.11	27.47	28.65	0.012023	5.36	24.26	11.96	1.20
unico	5.9	AR-S6	T=500	149.00	24.81	27.40	29.59	2.19	28.30	0.90	27.69	28.97	0.011762	5.55	26.84	12.14	1.19
unico	5	AR-S5	T=50	102.00	23.03	24.78	29.13	4.35	25.79	1.01	25.40	26.85	0.028397	6.37	16.01	13.45	1.86
unico	5	AR-S5	T=200	130.00	23.03	25.00	29.13	4.13	25.79	0.79	25.71	27.39	0.028511	6.86	18.96	14.18	1.89
unico	5	AR-S5	T=500	149.00	23.03	25.13	29.13	4.00	25.79	0.66	25.95	27.72	0.027893	7.13	20.89	14.31	1.88
unico	4.1	AR-S4	T=50	102.00	22.80	26.07	25.42	-0.65	25.53	-0.54	25.10	26.32	0.001540	2.29	51.06	31.91	0.45
unico	4.1	AR-S4	T=200	130.00	22.80	26.27	25.42	-0.85	25.53	-0.74	25.68	26.58	0.001814	2.61	57.43	31.98	0.49
unico	4.1	AR-S4	T=500	149.00	22.80	26.48	25.42	-1.06	25.53	-0.95	25.85	26.80	0.001740	2.68	64.20	32.05	0.49
unico	4	AR-S4		Bridge													
unico	3.9	AR-S4	T=50	102.00	22.80	25.10	25.42	0.32	25.53	0.43	25.10	25.96	0.008543	4.12	24.79	14.34	1.00
unico	3.9	AR-S4	T=200	130.00	22.80	25.68	25.42	-0.26	25.53	-0.15	25.68	26.36	0.005046	3.73	38.56	31.78	0.79
unico	3.9	AR-S4	T=500	149.00	22.80	25.85	25.42	-0.43	25.53	-0.32	25.85	26.55	0.004889	3.85	43.79	31.84	0.79
unico	3	AR-S3	T=50	102.00	21.90	23.28	23.79	0.51	24.43	1.15	23.64	24.58	0.017304	5.04	20.24	16.70	1.46

HEC-RAS Plan: Affluenti River: Arbora Reach: unico (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl	
unico	3	AR-S3	T=200	130.00	21.90	23.48	23.79	0.31	24.43	0.95	23.94	25.03	0.017370	5.50	23.63	16.93	1.49
unico	3	AR-S3	T=500	149.00	21.90	23.63	23.79	0.16	24.43	0.80	24.13	25.29	0.016899	5.72	26.05	17.10	1.48
unico	2	AR-S2	T=50	102.00	18.42	20.50	21.16	0.66	21.01	0.51	20.83	21.86	0.014644	5.17	19.72	13.17	1.35
unico	2	AR-S2	T=200	130.00	18.42	20.77	21.16	0.39	21.01	0.24	21.28	22.35	0.014261	5.57	23.33	13.27	1.34
unico	2	AR-S2	T=500	149.00	18.42	20.95	21.16	0.21	21.01	0.06	21.44	22.66	0.014005	5.80	25.69	13.35	1.33
unico	1.5	AR-S1	T=50	102.00	17.76	20.46	18.74	-1.72	19.63	-0.82	19.49	20.63	0.001002	1.95	57.63	28.85	0.41
unico	1.5	AR-S1	T=200	130.00	17.76	20.80	18.74	-2.06	19.63	-1.17	19.73	21.01	0.000991	2.13	67.67	28.85	0.42
unico	1.5	AR-S1	T=500	149.00	17.76	21.02	18.74	-2.28	19.63	-1.39	19.88	21.25	0.000991	2.24	73.88	28.85	0.42
unico	1.2	AR-S1		Bridge													
unico	1	AR-S1	T=50	102.00	17.76	19.11	18.74	-0.37	19.63	0.52	19.49	20.48	0.020367	5.22	19.99	20.86	1.62
unico	1	AR-S1	T=200	130.00	17.76	19.22	18.74	-0.48	19.63	0.41	19.73	20.84	0.022135	5.77	23.97	23.56	1.71
unico	1	AR-S1	T=500	149.00	17.76	19.33	18.74	-0.59	19.63	0.30	19.88	21.06	0.021561	5.99	26.53	24.13	1.71