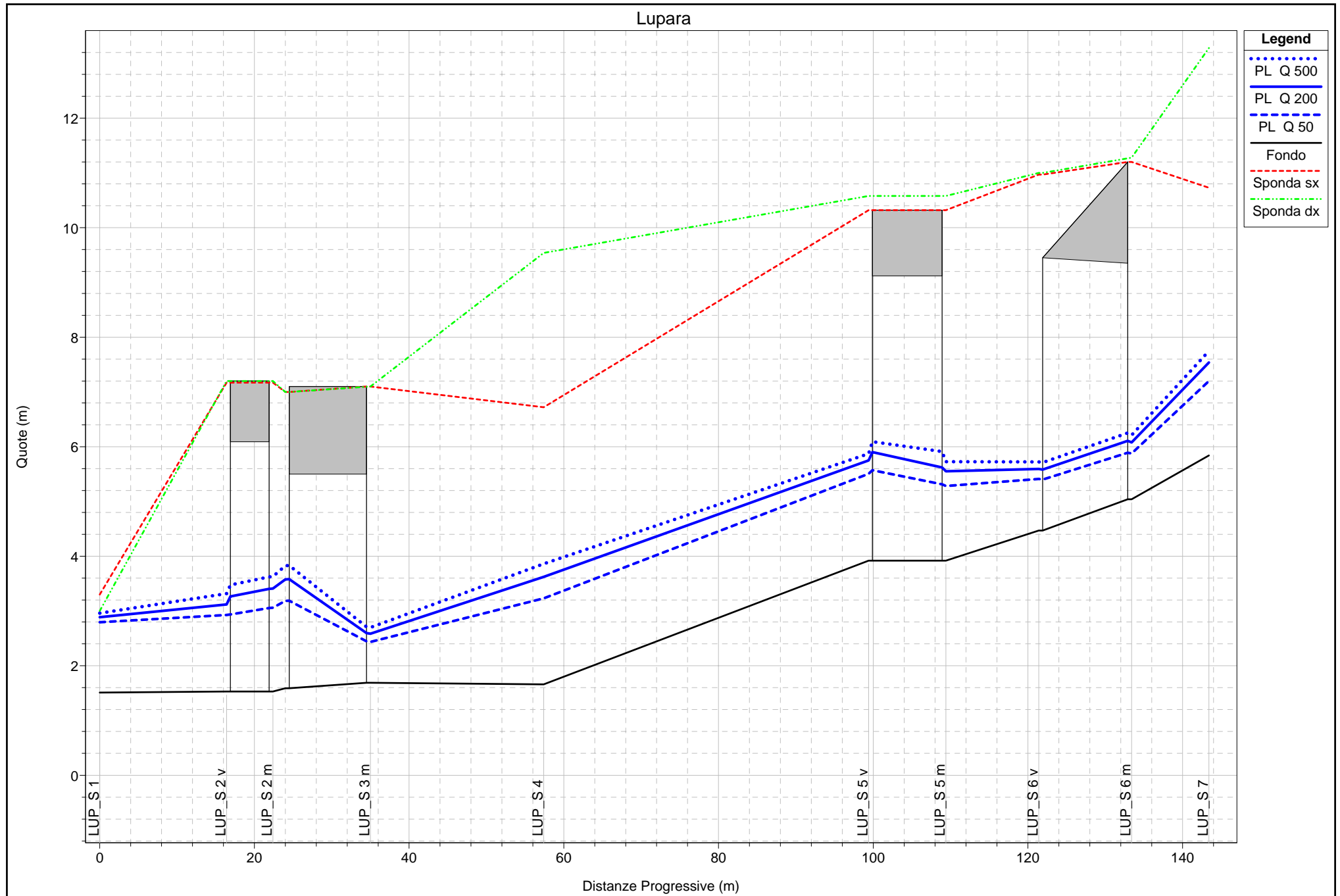
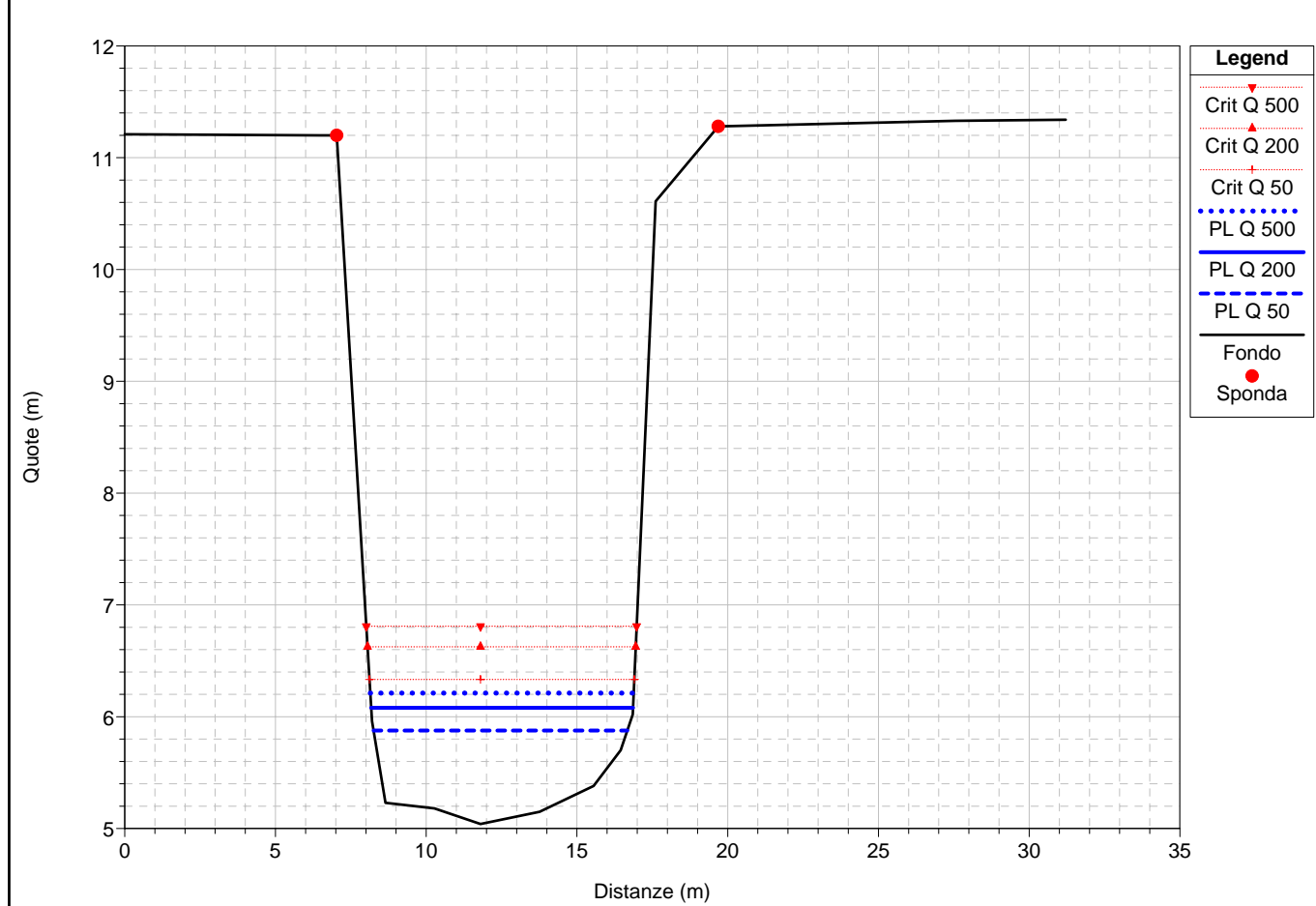
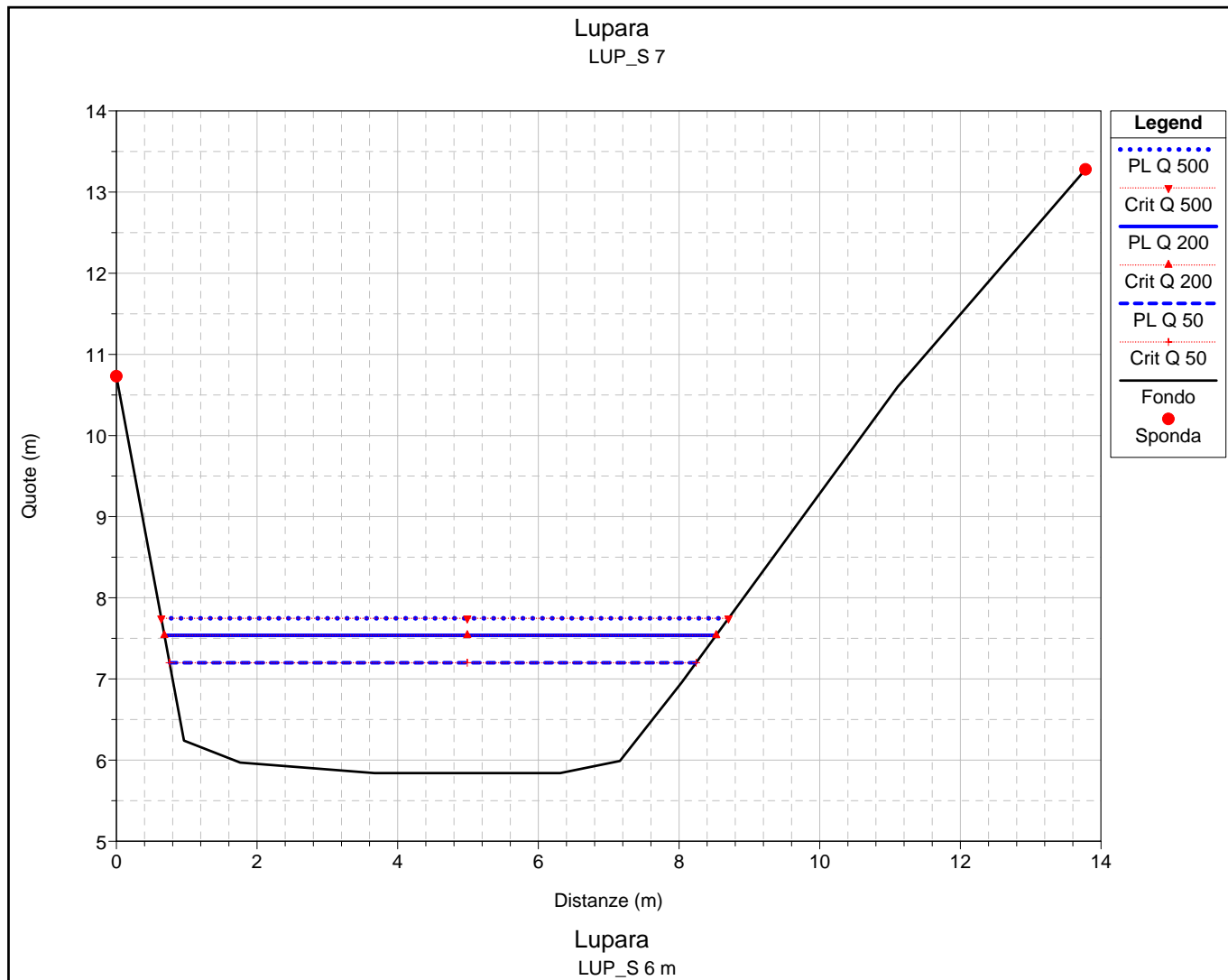


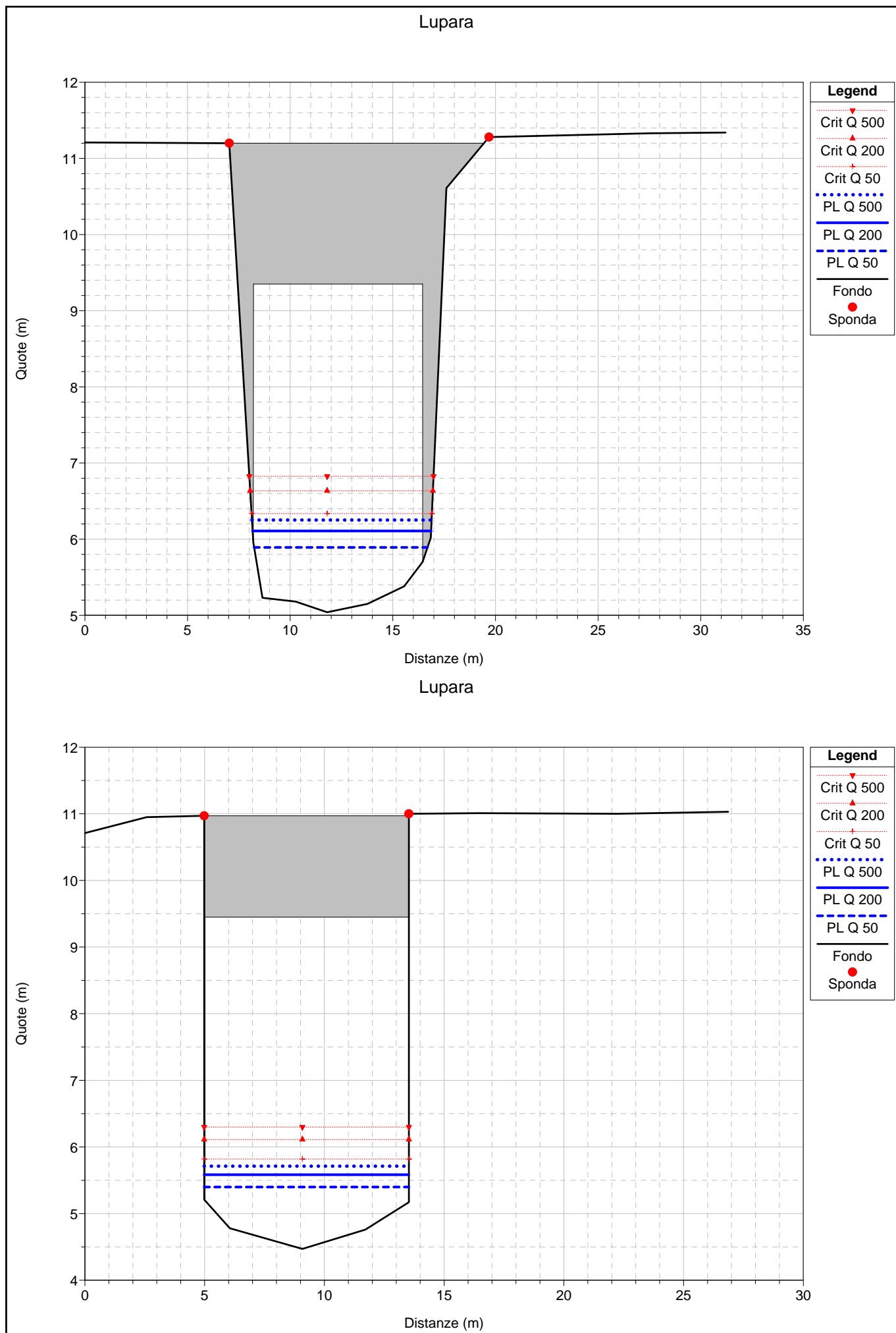
Rio Lupara

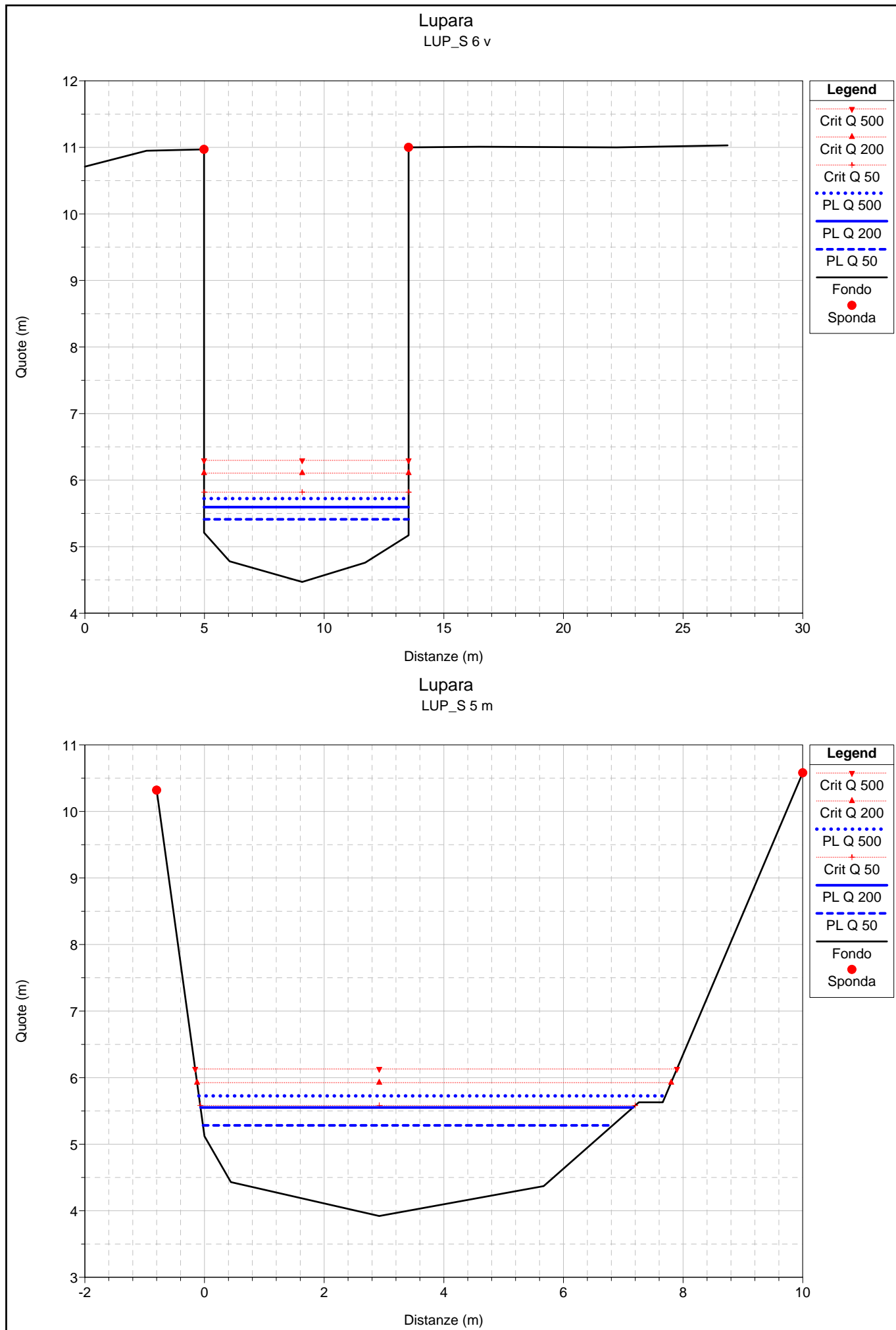
dalla sezione LUP_S7 alla LUP_S1

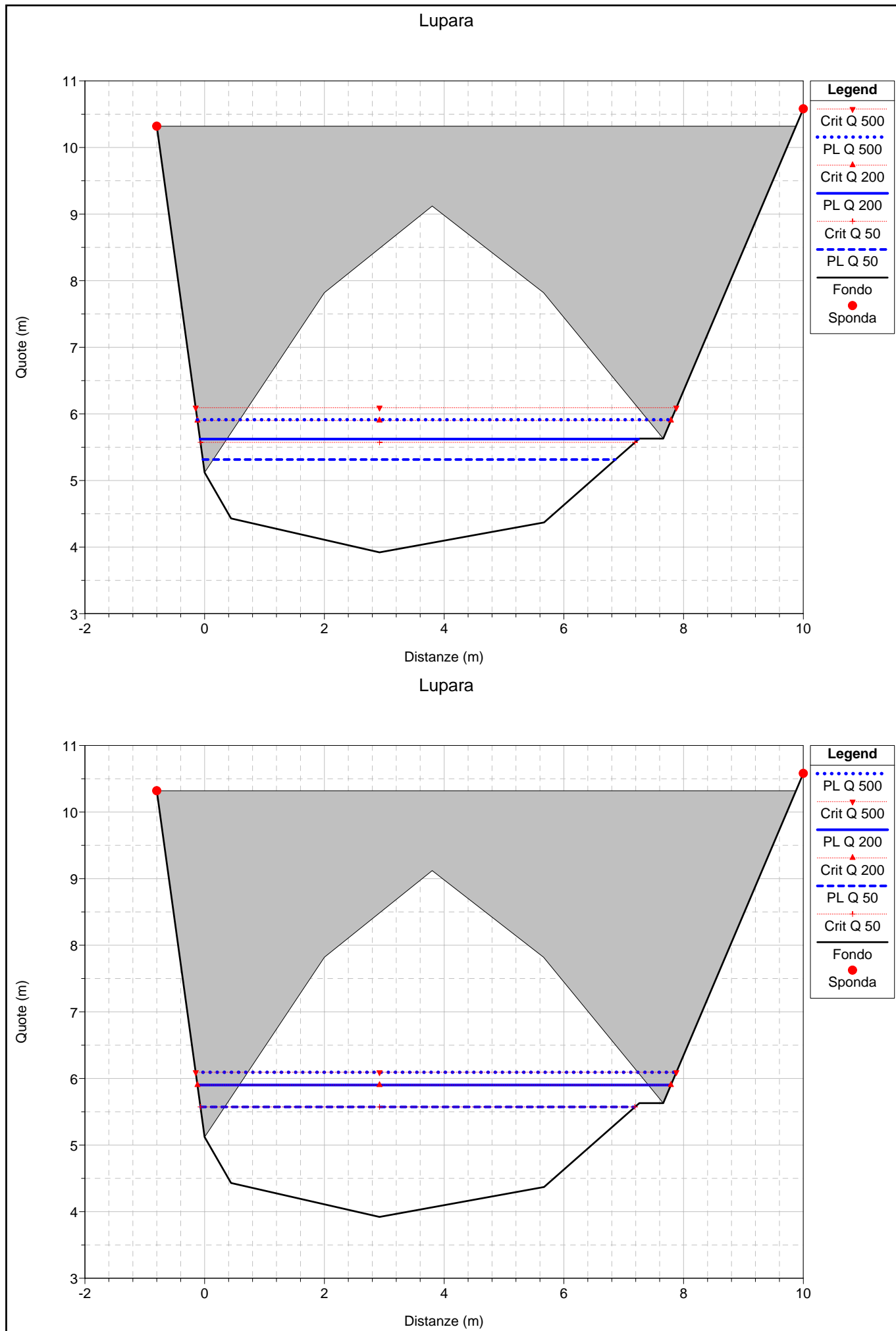
- Profili di corrente
- Sezioni idrauliche
- Tabelle dei risultati

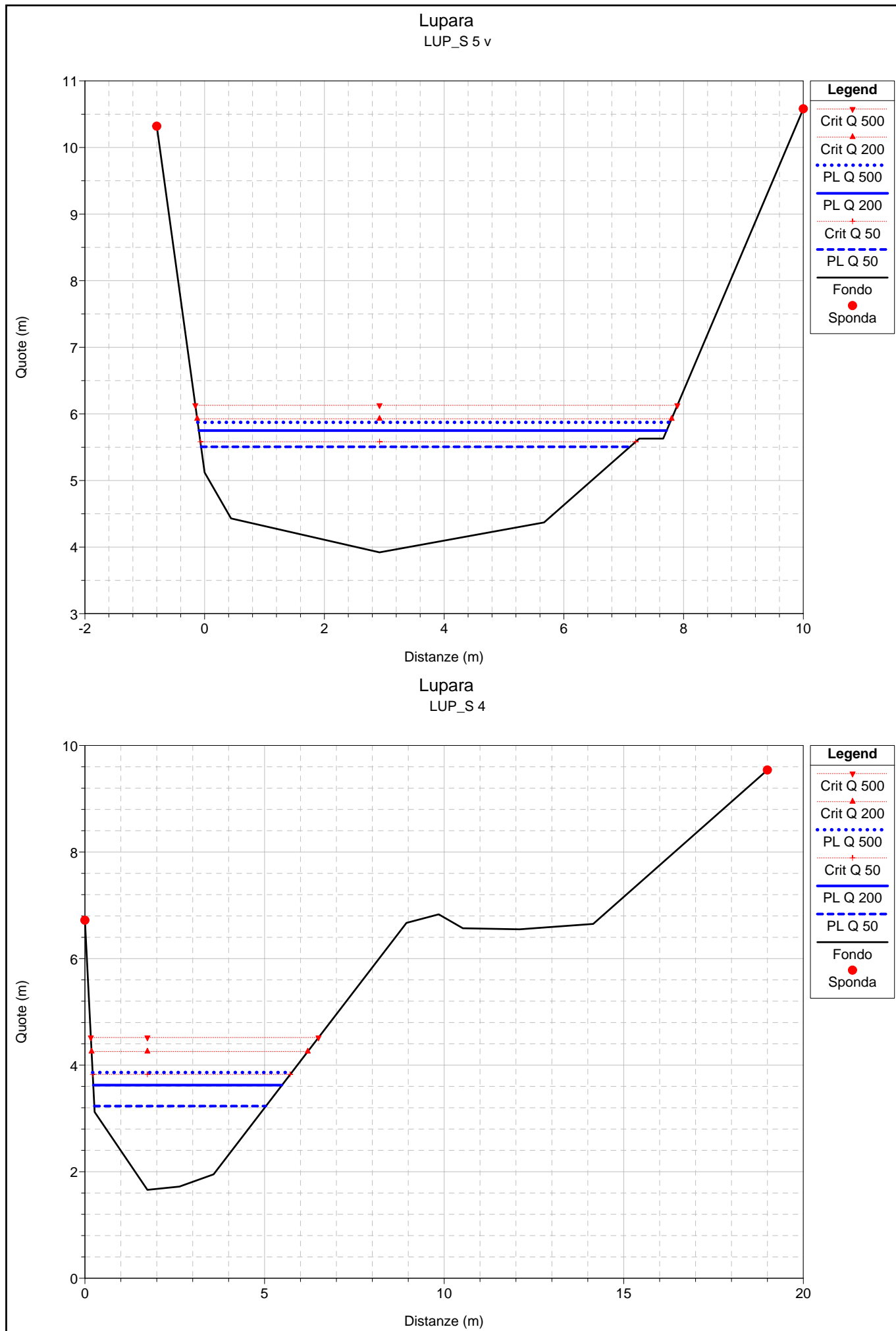


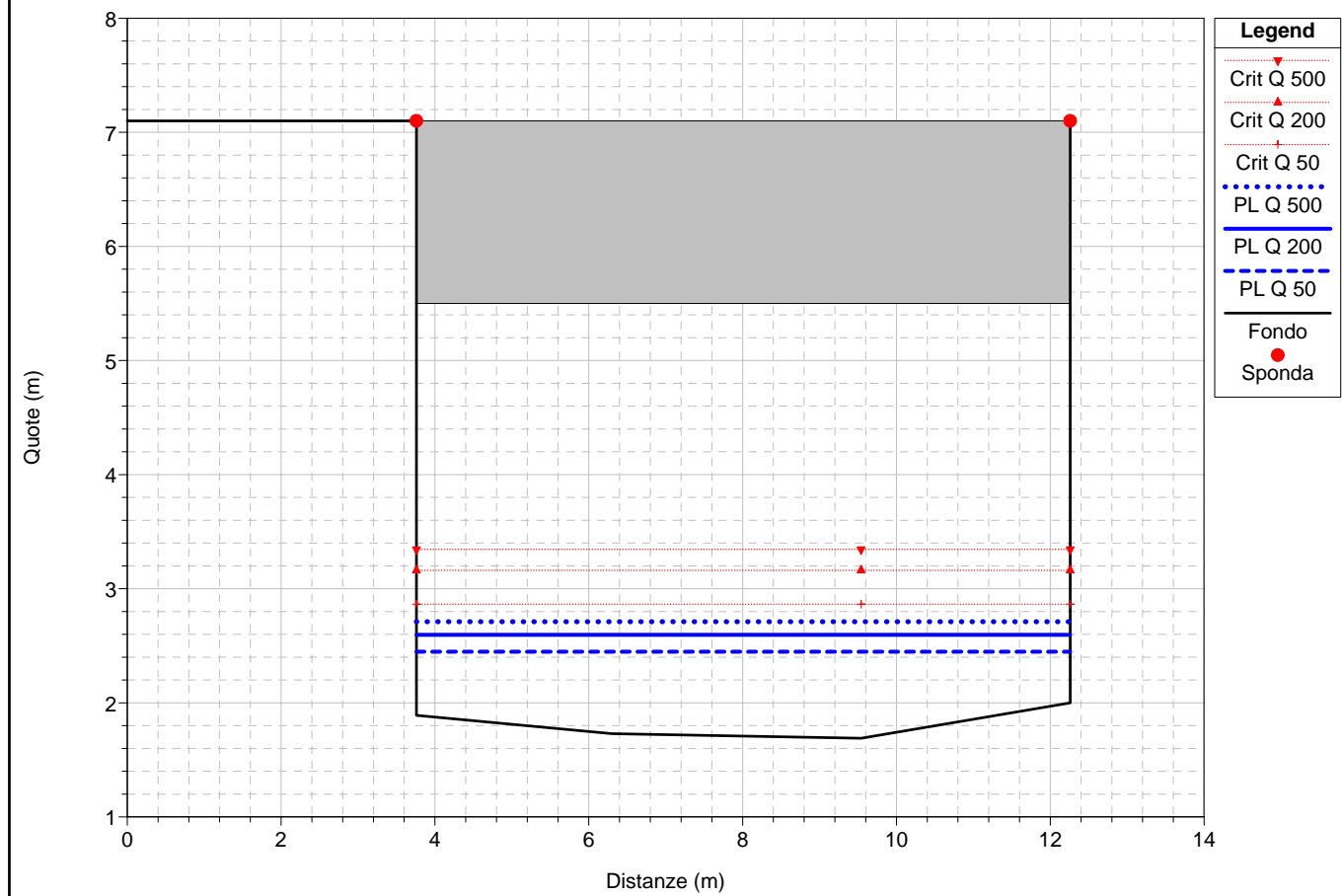
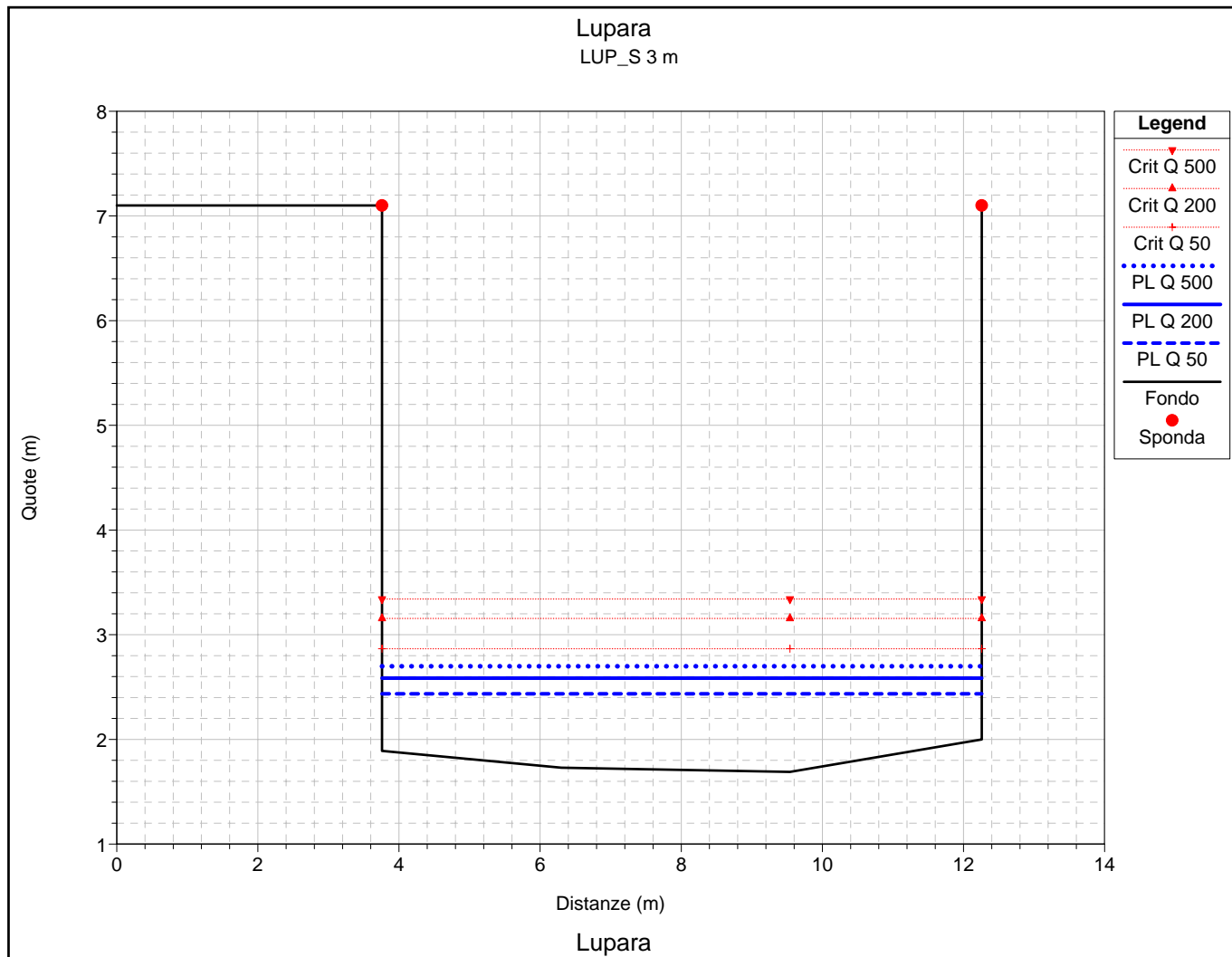


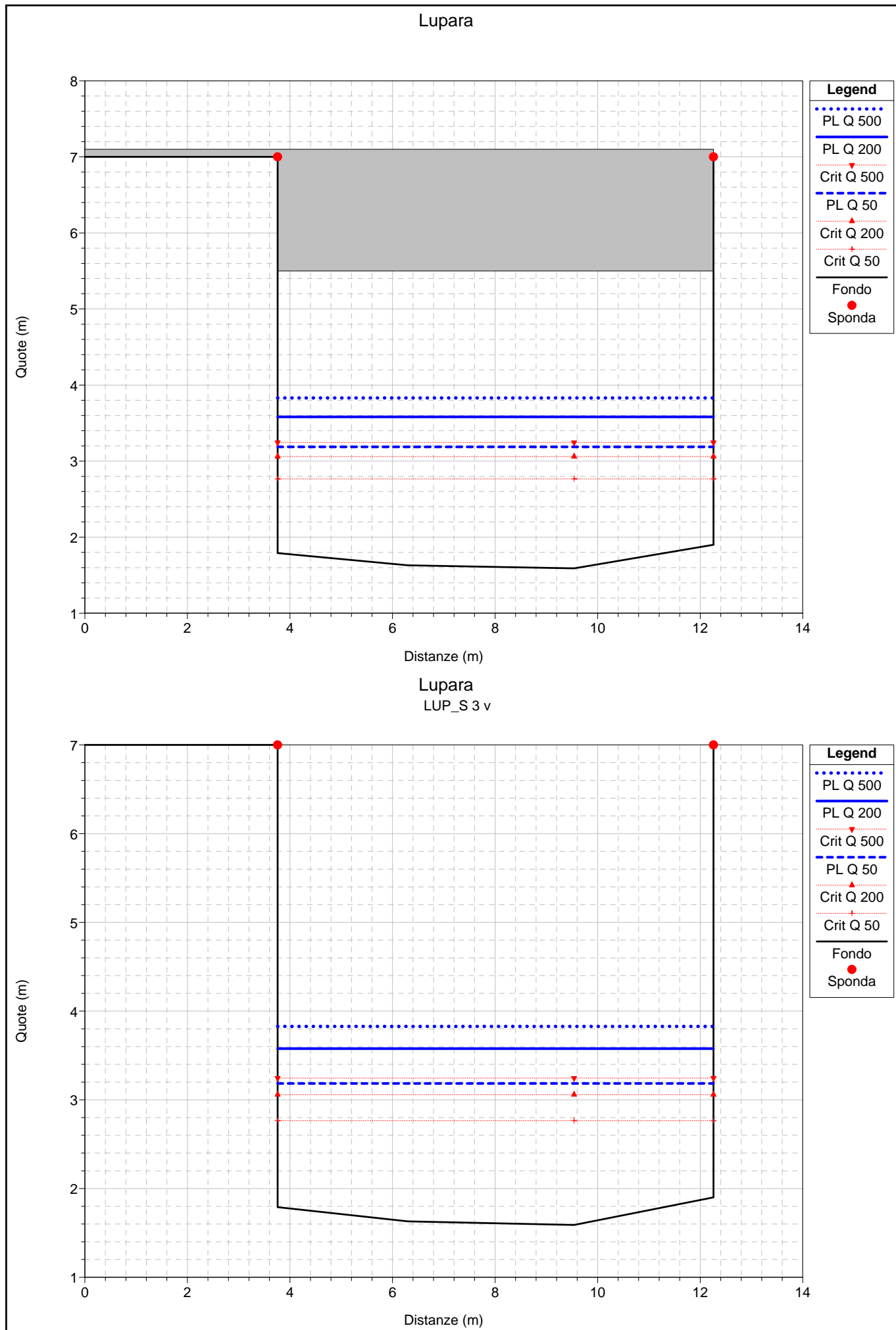


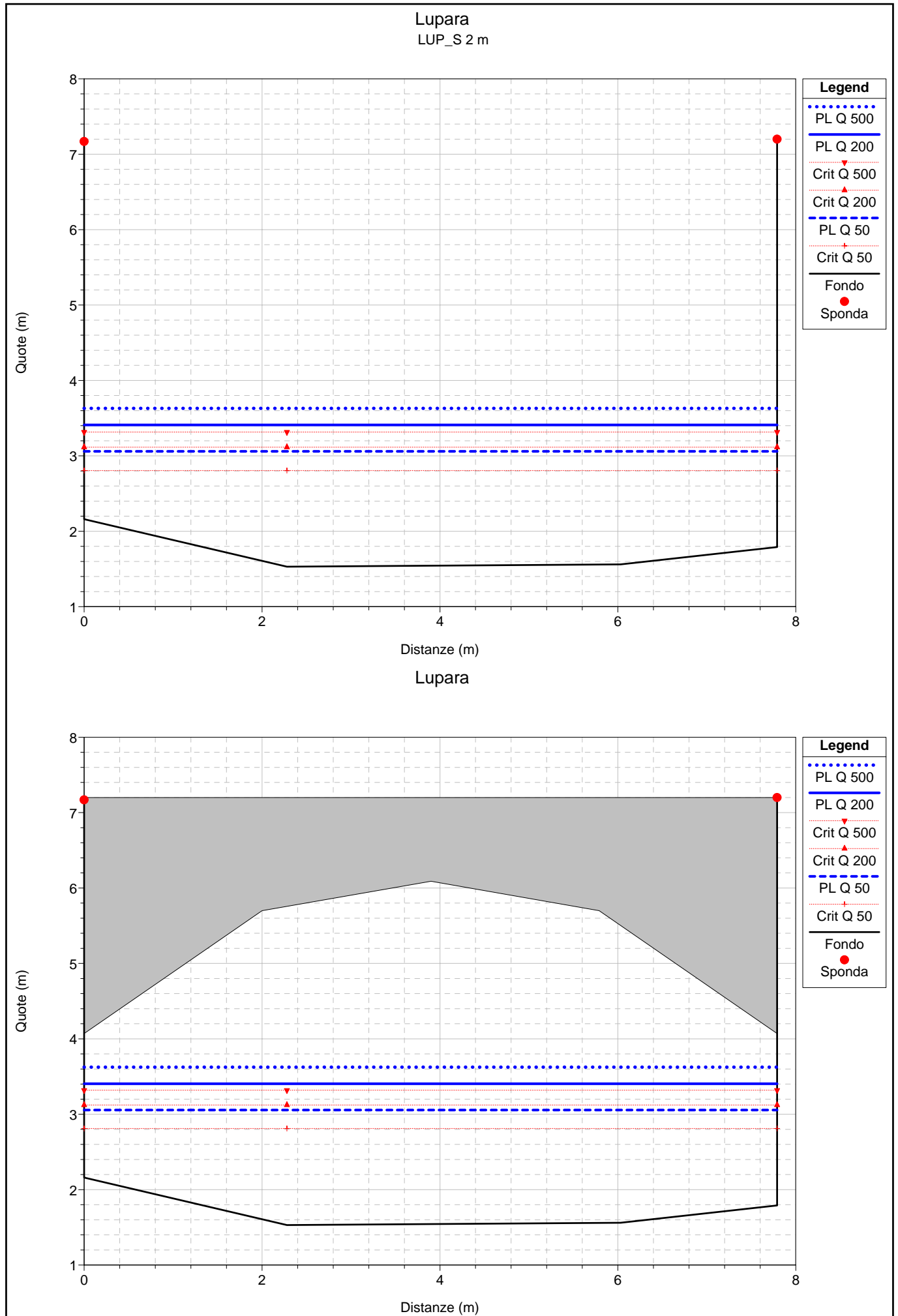


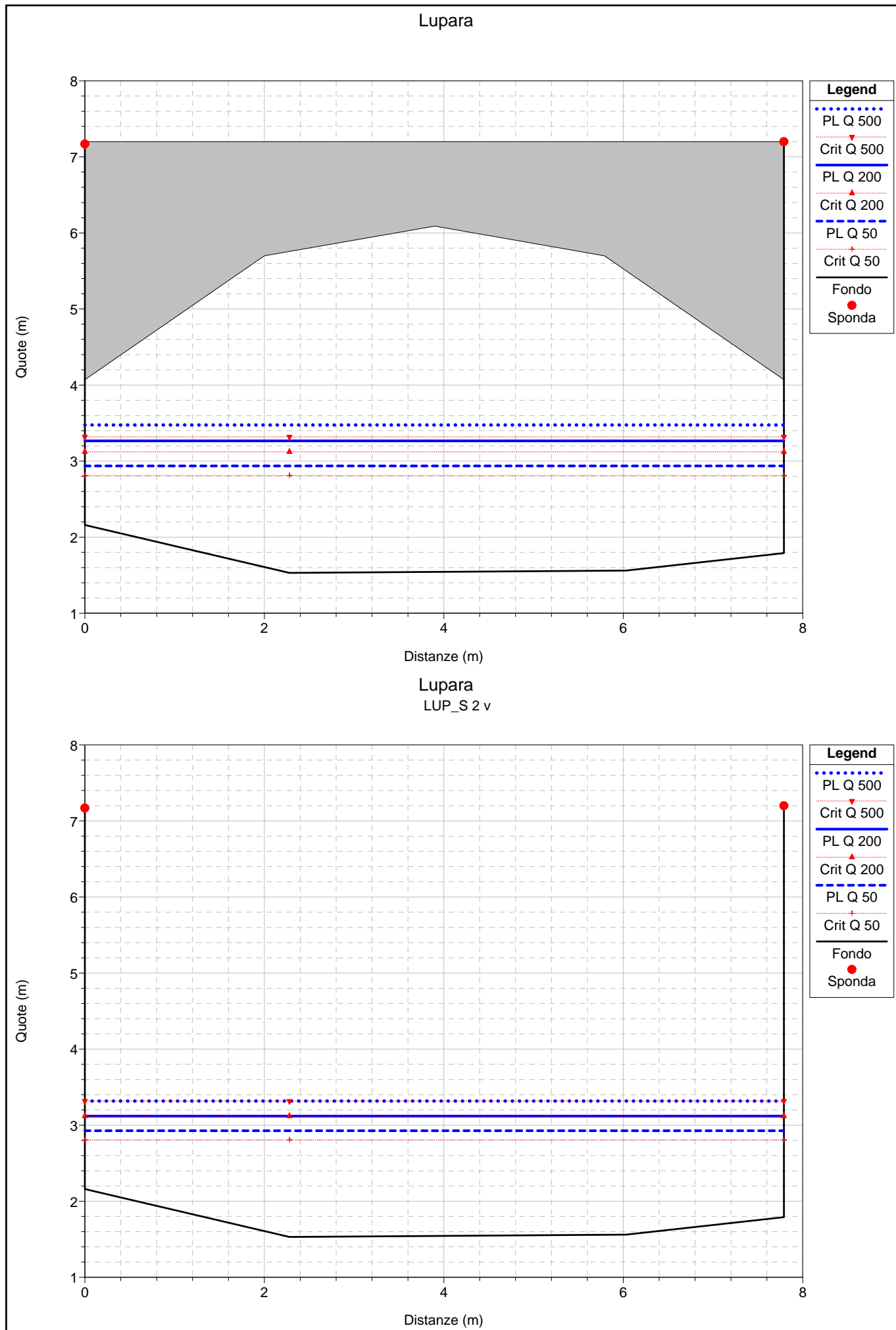


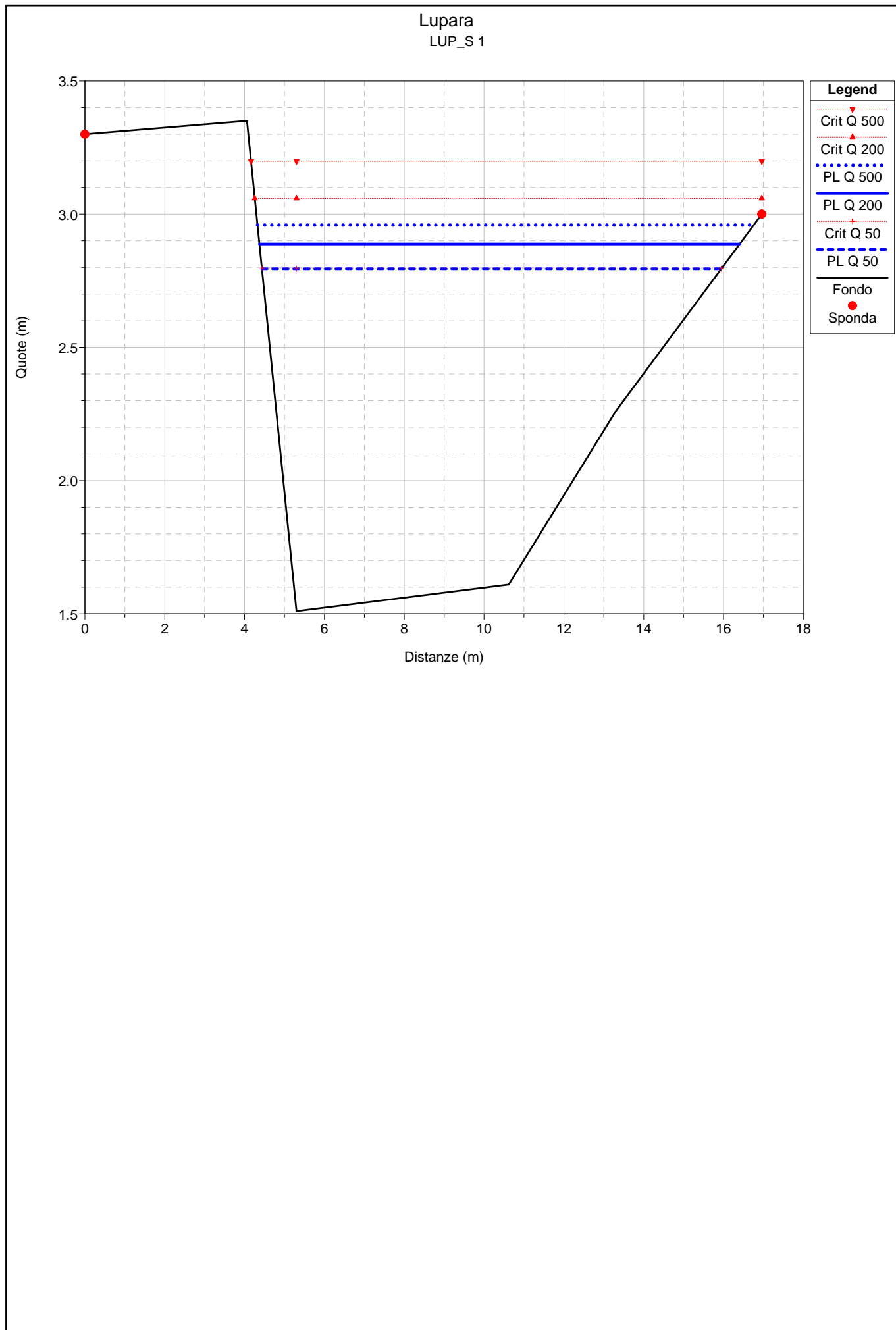












HEC-RAS Plan: Lupara River: Lupara Reach: Lupara

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	
Lupara	7	LUP_S 7	Q 50	30.00	5.84	7.20	10.73	3.53	13.28	6.08	7.20	7.79	0.010602	3.41	8.79	7.49	1.01
Lupara	7	LUP_S 7	Q 200	43.00	5.84	7.54	10.73	3.19	13.28	5.74	7.54	8.26	0.010298	3.78	11.39	7.85	1.00
Lupara	7	LUP_S 7	Q 500	52.00	5.84	7.75	10.73	2.98	13.28	5.53	7.75	8.56	0.010216	3.99	13.05	8.07	1.00
Lupara	6	LUP_S 6 m	Q 50	30.00	5.04	5.88	11.20	5.32	11.28	5.40	6.33	7.49	0.056432	5.62	5.34	8.42	2.25
Lupara	6	LUP_S 6 m	Q 200	43.00	5.04	6.08	11.20	5.12	11.28	5.20	6.62	7.96	0.048686	6.07	7.08	8.69	2.15
Lupara	6	LUP_S 6 m	Q 500	52.00	5.04	6.21	11.20	4.99	11.28	5.07	6.81	8.25	0.044801	6.32	8.23	8.74	2.08
Lupara	5.8		Bridge														
Lupara	5.5	LUP_S 6 v	Q 50	30.00	4.47	5.41	10.97	5.56	11.00	5.59	5.82	6.81	0.045957	5.23	5.73	8.55	2.04
Lupara	5.5	LUP_S 6 v	Q 200	43.00	4.47	5.59	10.97	5.38	11.00	5.41	6.11	7.36	0.044436	5.89	7.30	8.55	2.03
Lupara	5.5	LUP_S 6 v	Q 500	52.00	4.47	5.72	10.97	5.25	11.00	5.28	6.30	7.68	0.042221	6.19	8.40	8.55	1.99
Lupara	5	LUP_S 5 m	Q 50	30.00	3.92	5.28	10.32	5.04	10.58	5.30	5.58	6.33	0.022799	4.53	6.63	6.85	1.47
Lupara	5	LUP_S 5 m	Q 200	43.00	3.92	5.55	10.32	4.77	10.58	5.03	5.92	6.85	0.022765	5.05	8.52	7.23	1.48
Lupara	5	LUP_S 5 m	Q 500	52.00	3.92	5.73	10.32	4.59	10.58	4.85	6.13	7.15	0.023269	5.28	9.84	7.80	1.50
Lupara	4.9		Bridge														
Lupara	4.8	LUP_S 5 v	Q 50	30.00	3.92	5.51	10.32	4.81	10.58	5.07	5.58	6.19	0.012413	3.66	8.19	7.16	1.09
Lupara	4.8	LUP_S 5 v	Q 200	43.00	3.92	5.75	10.32	4.57	10.58	4.83	5.93	6.69	0.015098	4.29	10.02	7.81	1.21
Lupara	4.8	LUP_S 5 v	Q 500	52.00	3.92	5.87	10.32	4.45	10.58	4.71	6.13	7.01	0.016840	4.73	10.98	7.89	1.28
Lupara	4	LUP_S 4	Q 50	30.00	1.66	3.23	6.72	3.49	9.54	6.31	3.83	5.17	0.045152	6.17	4.87	4.78	1.95
Lupara	4	LUP_S 4	Q 200	43.00	1.66	3.62	6.72	3.10	9.54	5.92	4.26	5.64	0.036604	6.29	6.84	5.25	1.76
Lupara	4	LUP_S 4	Q 500	52.00	1.66	3.86	6.72	2.86	9.54	5.68	4.52	5.95	0.033616	6.40	8.13	5.54	1.69
Lupara	3	LUP_S 3 m	Q 50	30.00	1.69	2.44	7.10	4.66	7.10	4.66	2.87	3.93	0.054108	5.41	5.54	8.50	2.14
Lupara	3	LUP_S 3 m	Q 200	43.00	1.69	2.58	7.10	4.52	7.10	4.52	3.15	4.62	0.058319	6.31	6.81	8.50	2.25
Lupara	3	LUP_S 3 m	Q 500	52.00	1.69	2.70	7.10	4.40	7.10	4.40	3.34	4.97	0.056296	6.68	7.79	8.50	2.23
Lupara	2.9		Bridge														
Lupara	2.8	LUP_S 3 v	Q 50	30.00	1.59	3.18	7.00	3.82	7.00	3.82	2.77	3.47	0.004184	2.35	12.76	8.50	0.61
Lupara	2.8	LUP_S 3 v	Q 200	43.00	1.59	3.58	7.00	3.42	7.00	3.42	3.06	3.94	0.004330	2.67	16.10	8.50	0.62
Lupara	2.8	LUP_S 3 v	Q 500	52.00	1.59	3.83	7.00	3.17	7.00	3.17	3.24	4.24	0.004426	2.85	18.22	8.50	0.62
Lupara	2	LUP_S 2 m	Q 50	30.00	1.53	3.06	7.17	4.11	7.20	4.14	2.81	3.45	0.006145	2.75	10.89	7.79	0.74
Lupara	2	LUP_S 2 m	Q 200	43.00	1.53	3.41	7.17	3.76	7.20	3.79	3.12	3.92	0.006563	3.16	13.61	7.79	0.76
Lupara	2	LUP_S 2 m	Q 500	52.00	1.53	3.63	7.17	3.54	7.20	3.57	3.32	4.22	0.006815	3.39	15.33	7.79	0.77
Lupara	1.9		Bridge														
Lupara	1.8	LUP_S 2 v	Q 50	30.00	1.53	2.93	7.17	4.24	7.20	4.27	2.81	3.40	0.008280	3.05	9.85	7.79	0.86
Lupara	1.8	LUP_S 2 v	Q 200	43.00	1.53	3.12	7.17	4.05	7.20	4.08	3.12	3.85	0.011160	3.79	11.35	7.79	1.00
Lupara	1.8	LUP_S 2 v	Q 500	52.00	1.53	3.32	7.17	3.85	7.20	3.88	3.32	4.15	0.011230	4.03	12.90	7.79	1.00
Lupara	1	LUP_S 1	Q 50	30.00	1.51	2.79	3.30	0.51	3.00	0.21	2.79	3.24	0.010228	2.96	10.14	11.51	1.01
Lupara	1	LUP_S 1	Q 200	43.00	1.51	2.89	3.30	0.41	3.00	0.11	3.06	3.63	0.015881	3.83	11.23	12.03	1.26

HEC-RAS Plan: Lupara River: Lupara Reach: Lupara (Continued)

Reach	River Sta		Profile	Q Total	Min Ch El	W.S. Elev	LOB Elev	L. Freeboard	ROB Elev	R. Freeboard	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m ³ /s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	
Lupara	1	LUP_S 1	Q 500	52.00	1.51	2.96	3.30	0.34	3.00	0.04	3.20	3.90	0.018938	4.30	12.10	12.43	1.39