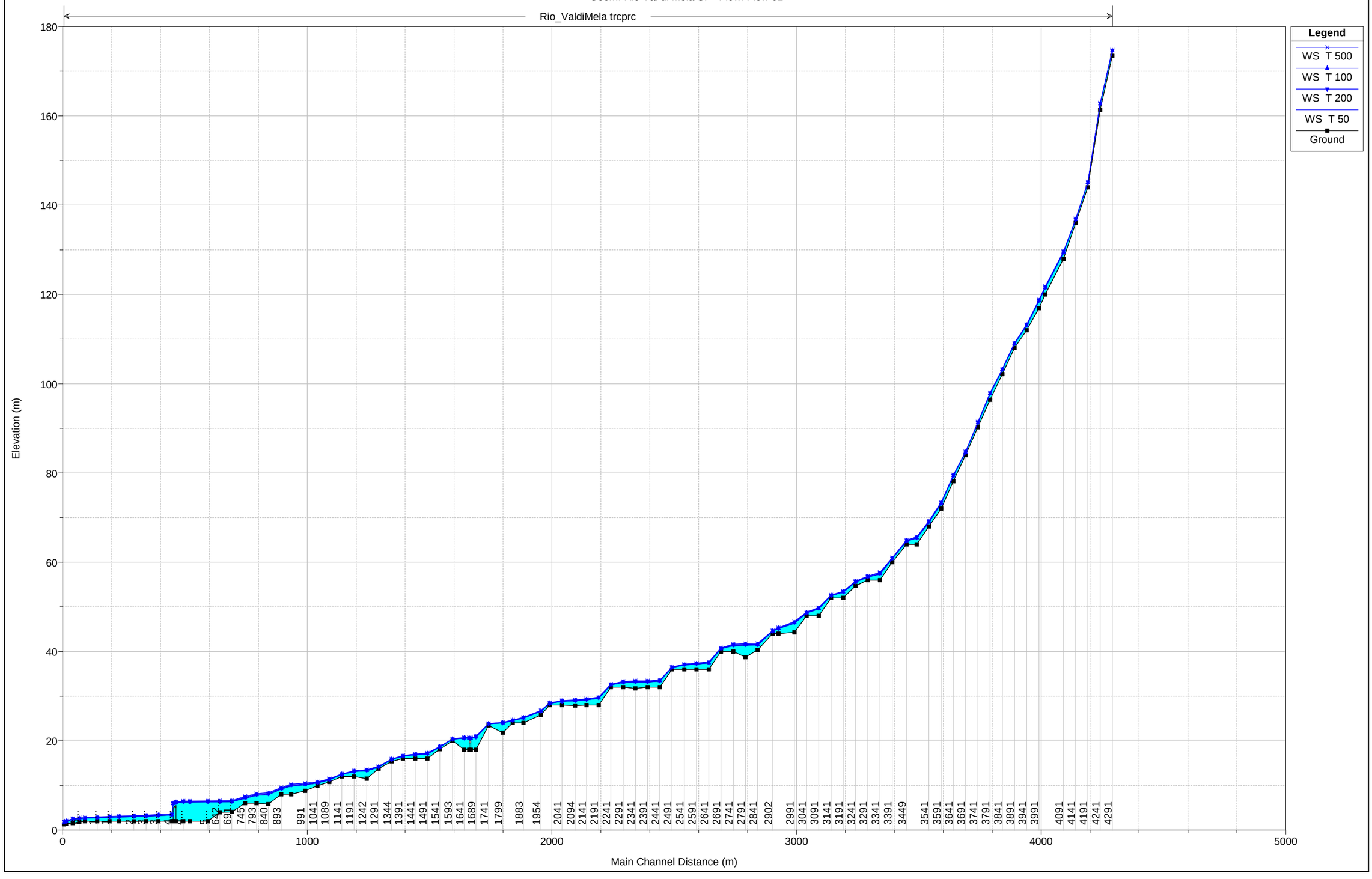
IL BACINO VAL DI MELA

Rio Val di Mela Plan: Plan 02

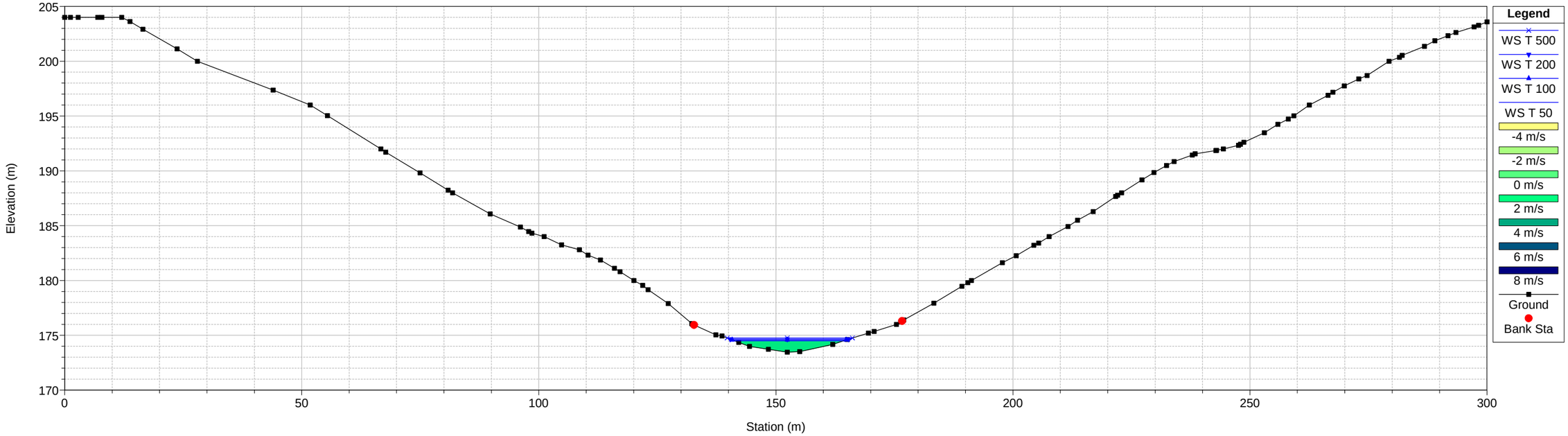
Geom: Rio Val di Mela SI Flow: Flow 01



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

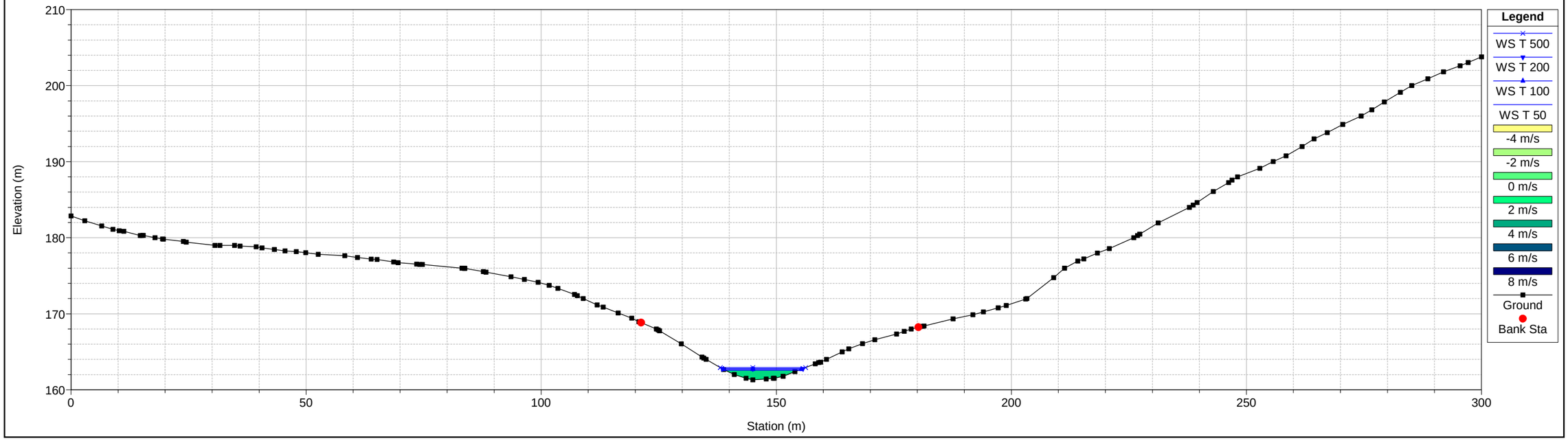
River = Rio_ValdiMela Reach = trcprc RS = 4291



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

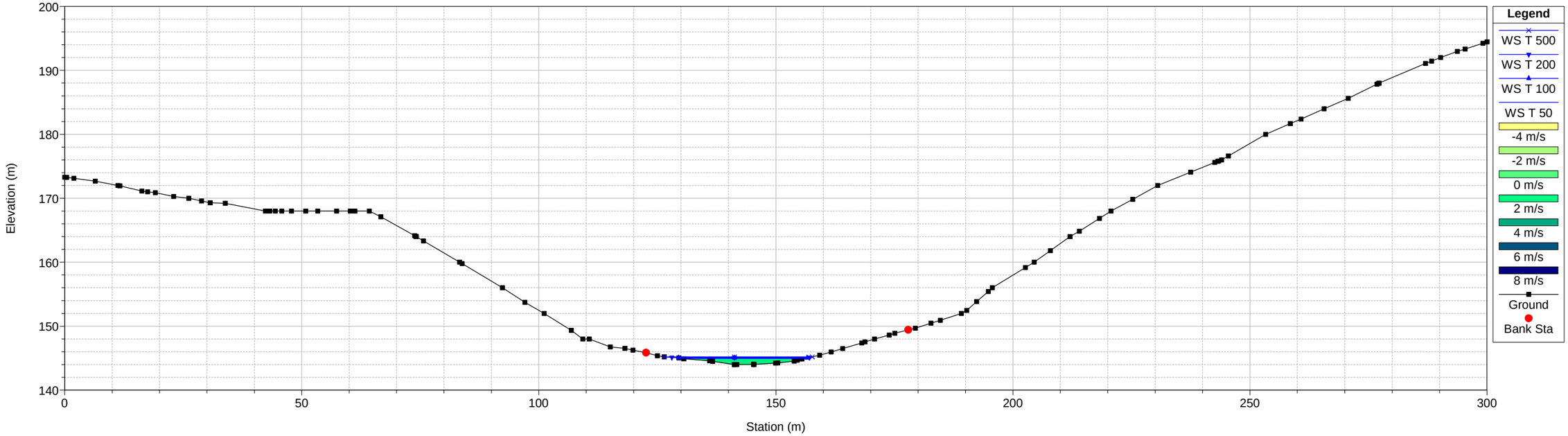
River = Rio_ValdiMela Reach = trcprc RS = 4241



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

River = Rio_ValdiMela Reach = trcprc RS = 4191

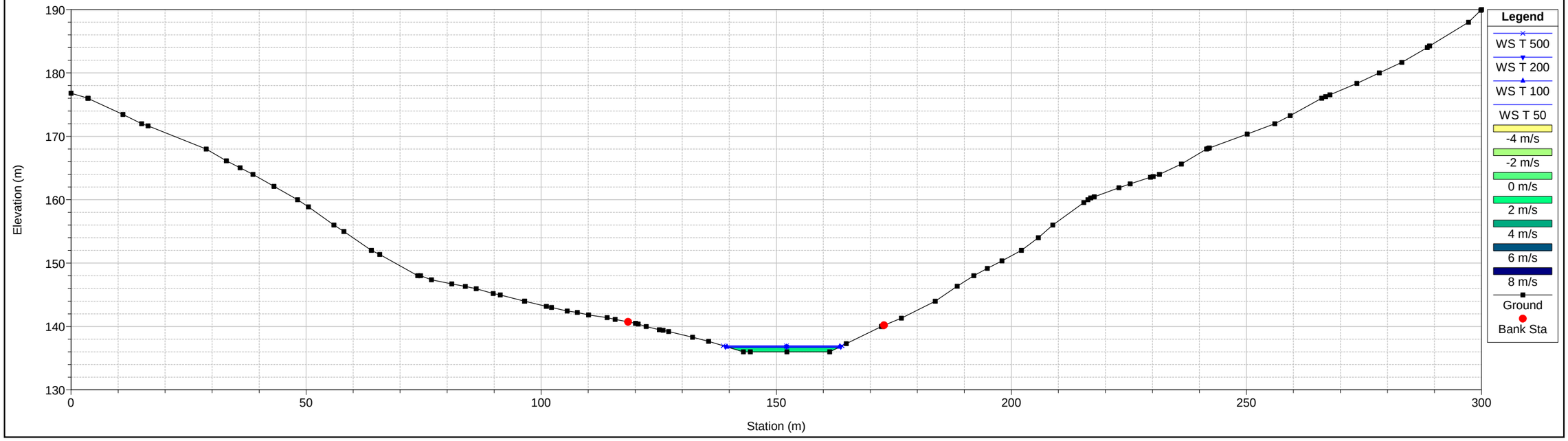


Station (m)

Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

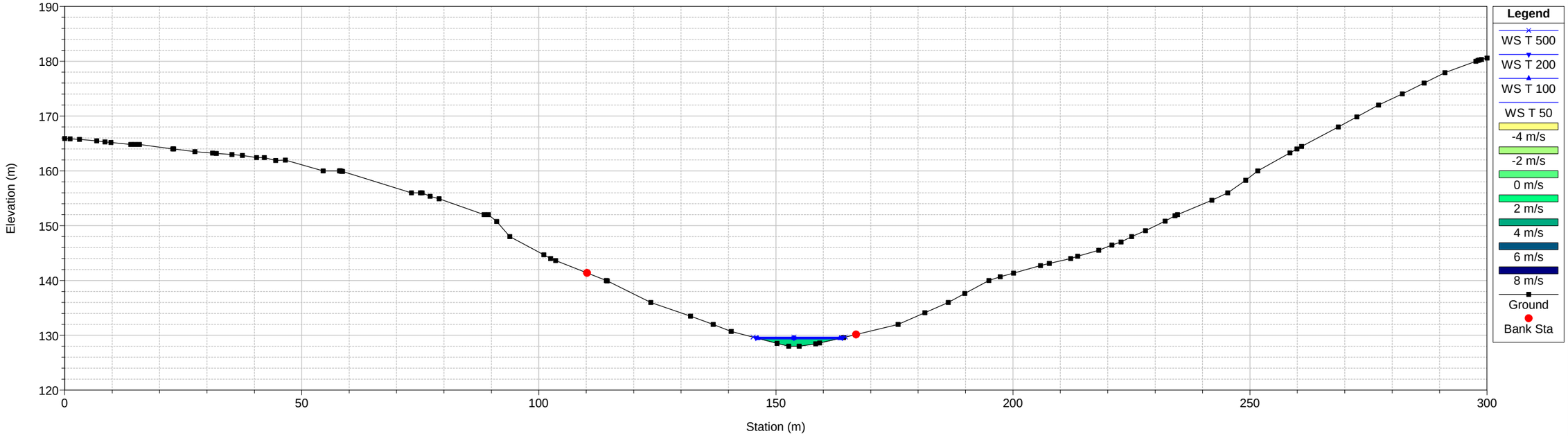
River = Rio_ValdiMela Reach = trcprc RS = 4141



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

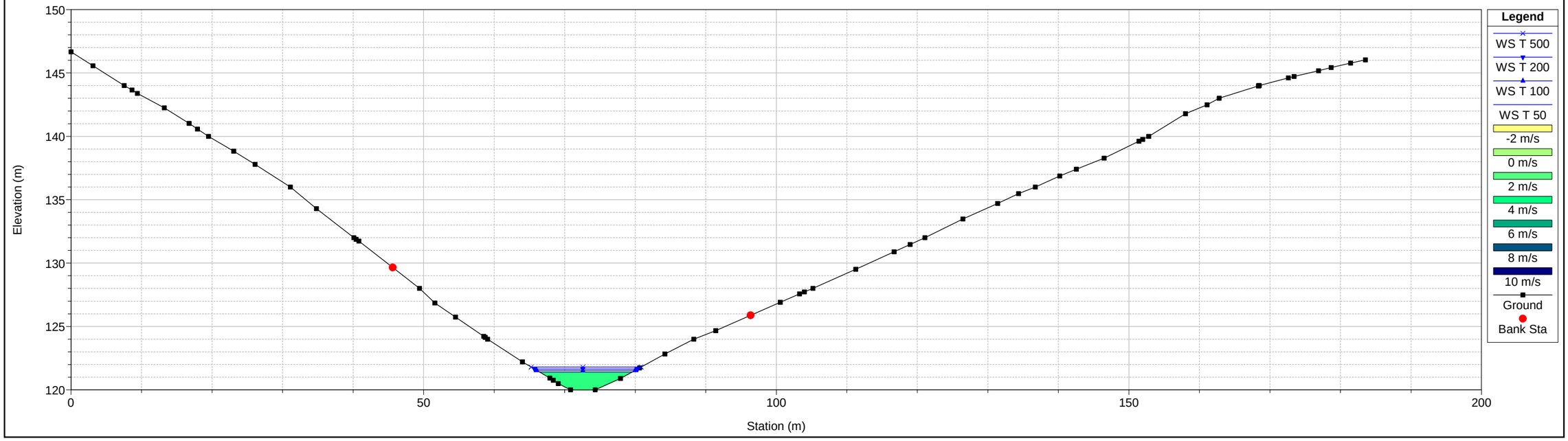
River = Rio_ValdiMela Reach = trcprc RS = 4091



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

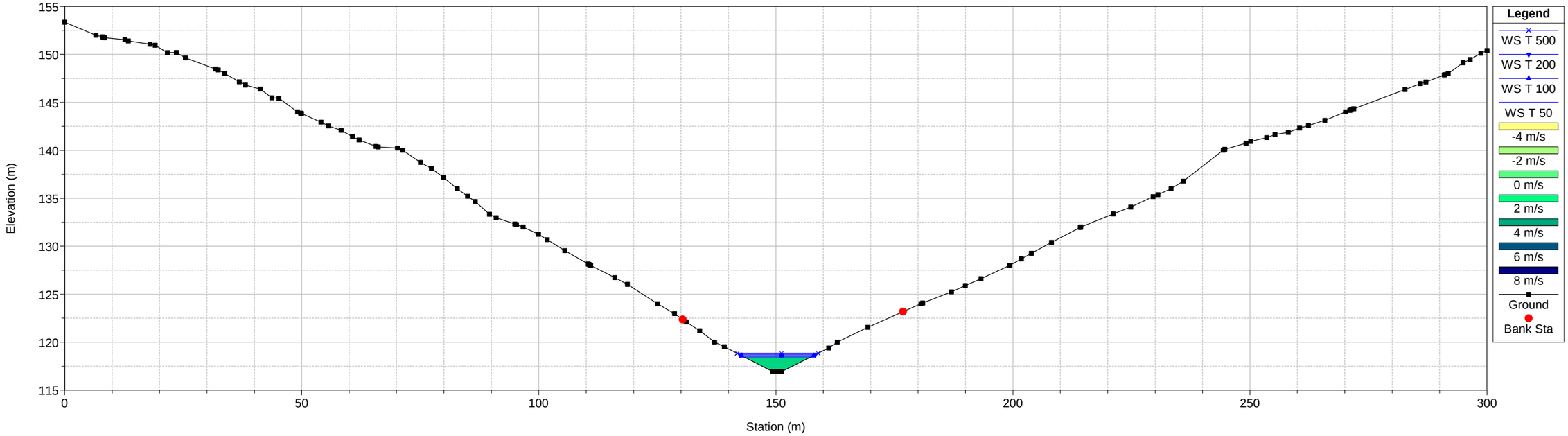
River = Rio_ValdiMela Reach = trcprc RS = 4016



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

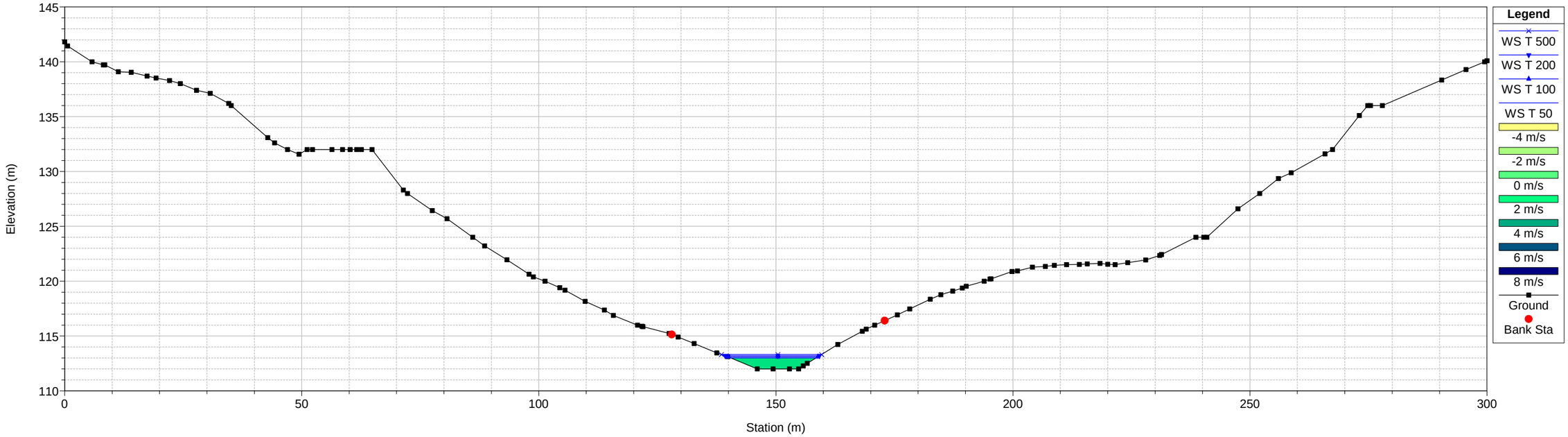
River = Rio_ValdiMela Reach = trcprc RS = 3991



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

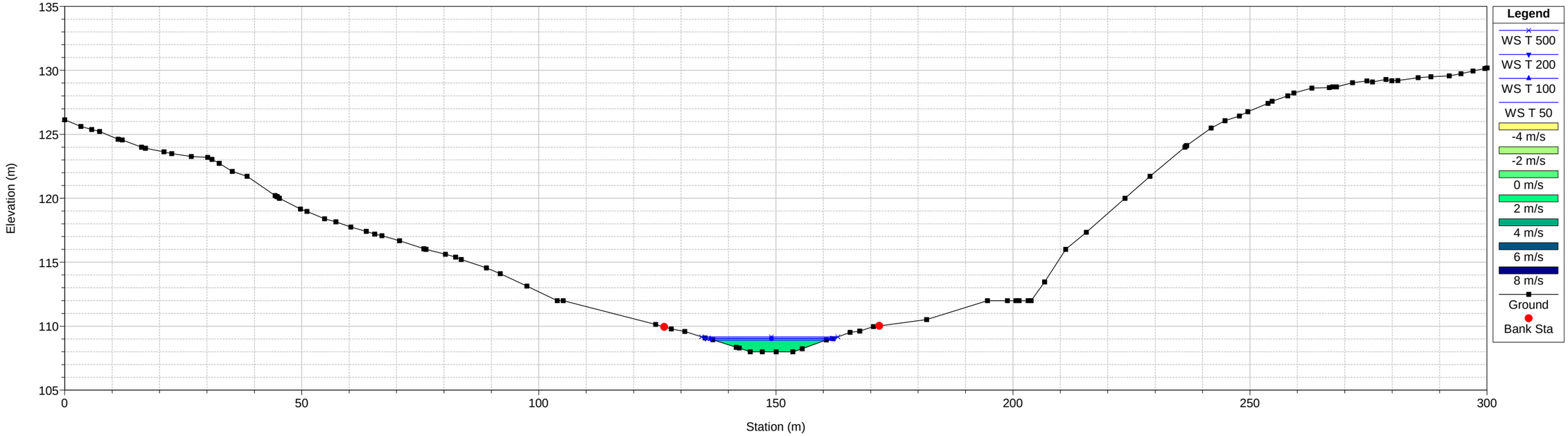
River = Rio_ValdiMela Reach = trcprc RS = 3941



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

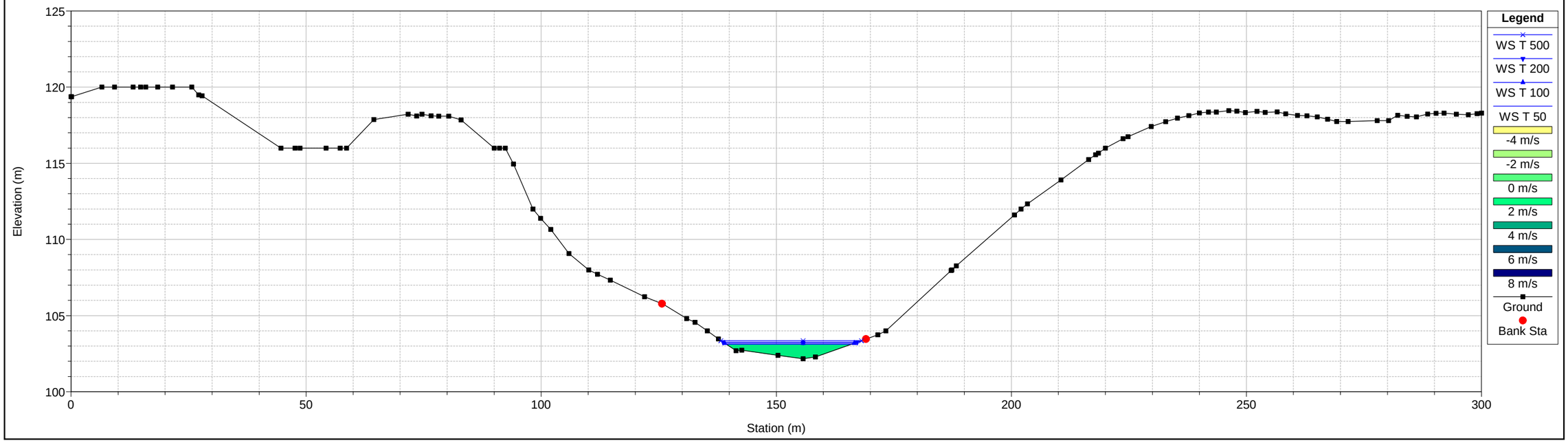
River = Rio_ValdiMela Reach = trcprc RS = 3891



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

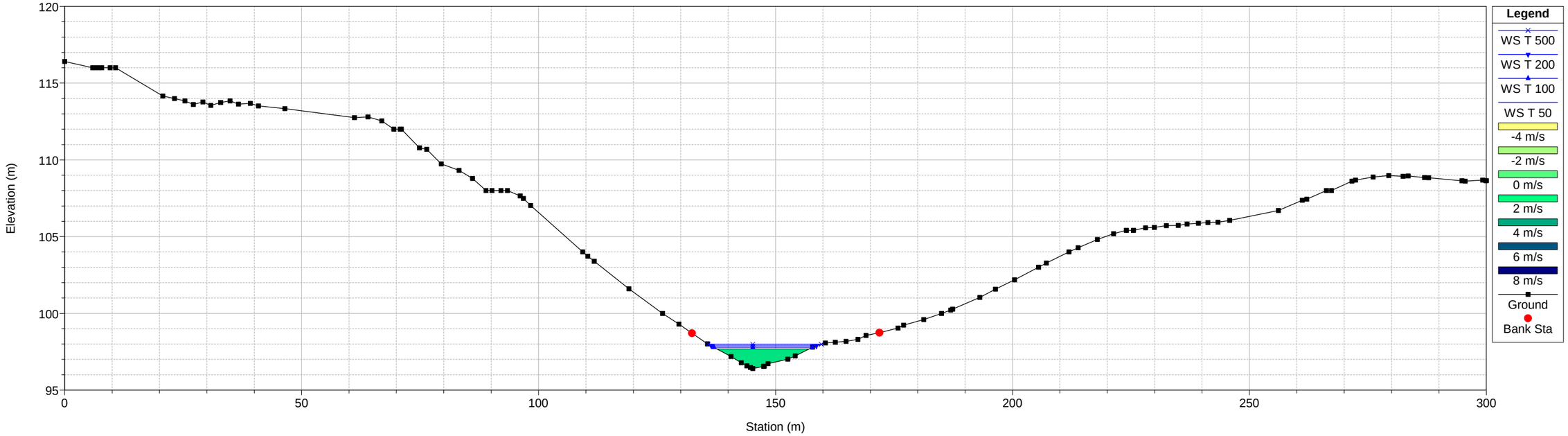
River = Rio_ValdiMela Reach = trcprc RS = 3841



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

River = Rio_ValdiMela Reach = trcprc RS = 3791

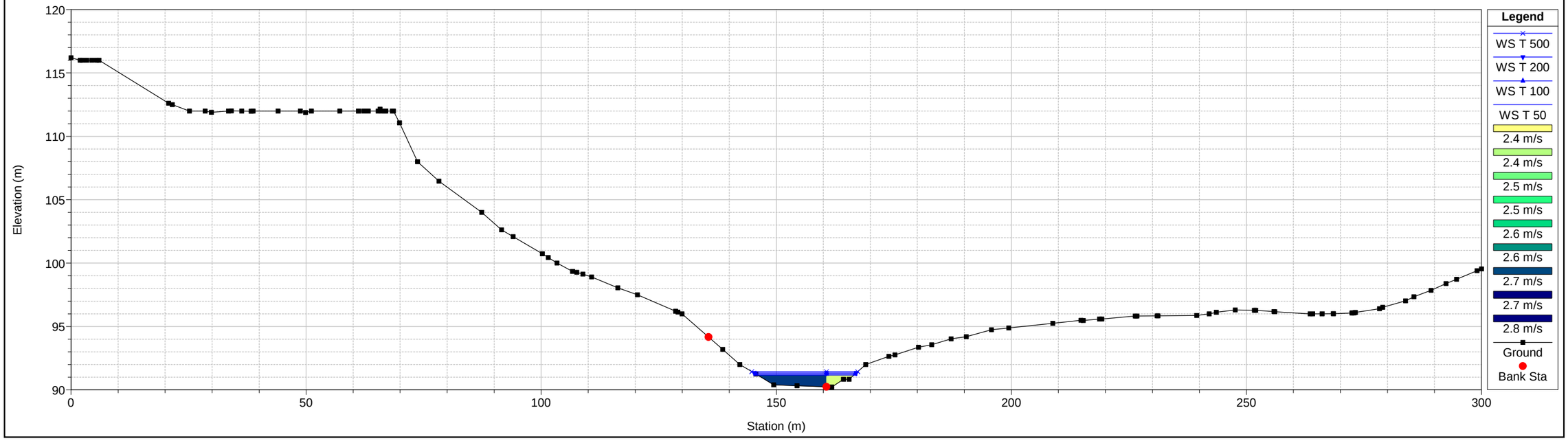


Station (m)

Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

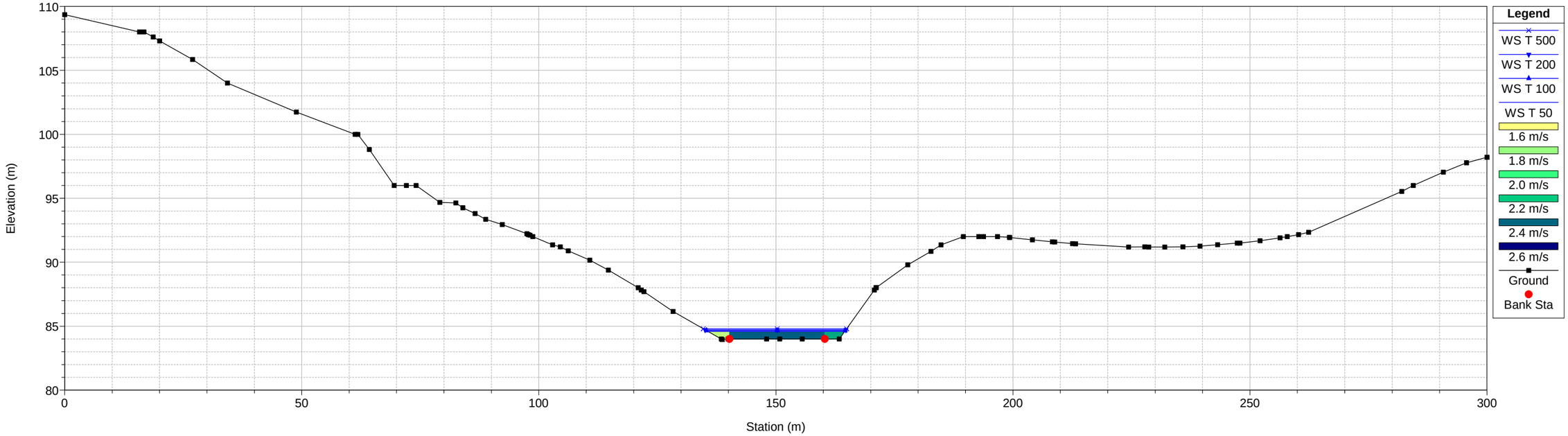
River = Rio_ValdiMela Reach = trcprc RS = 3741



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

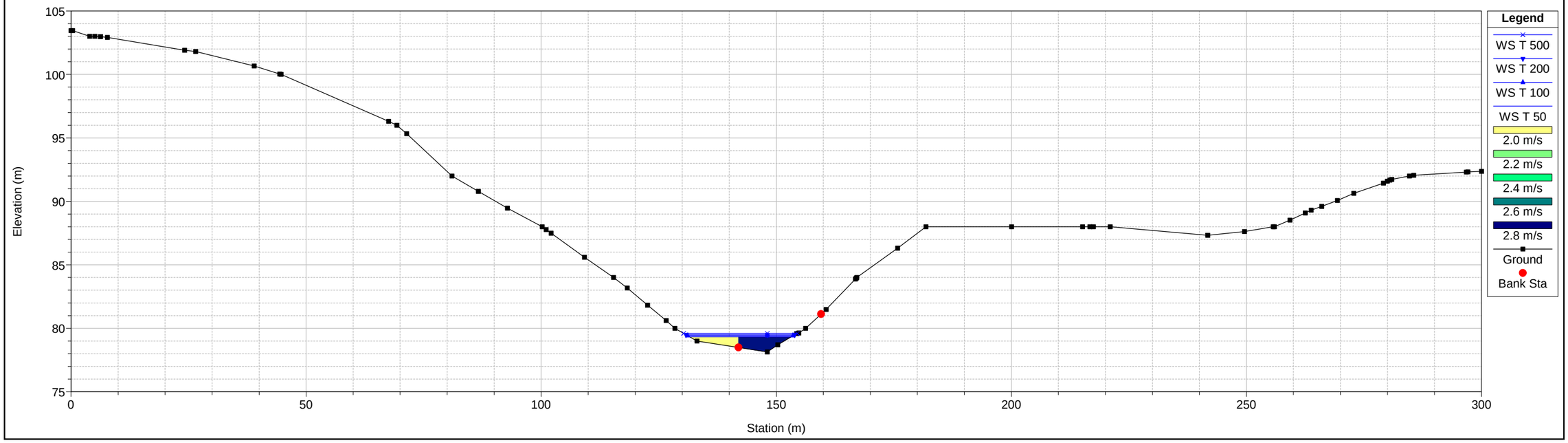
River = Rio_ValdiMela Reach = trcprc RS = 3691



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

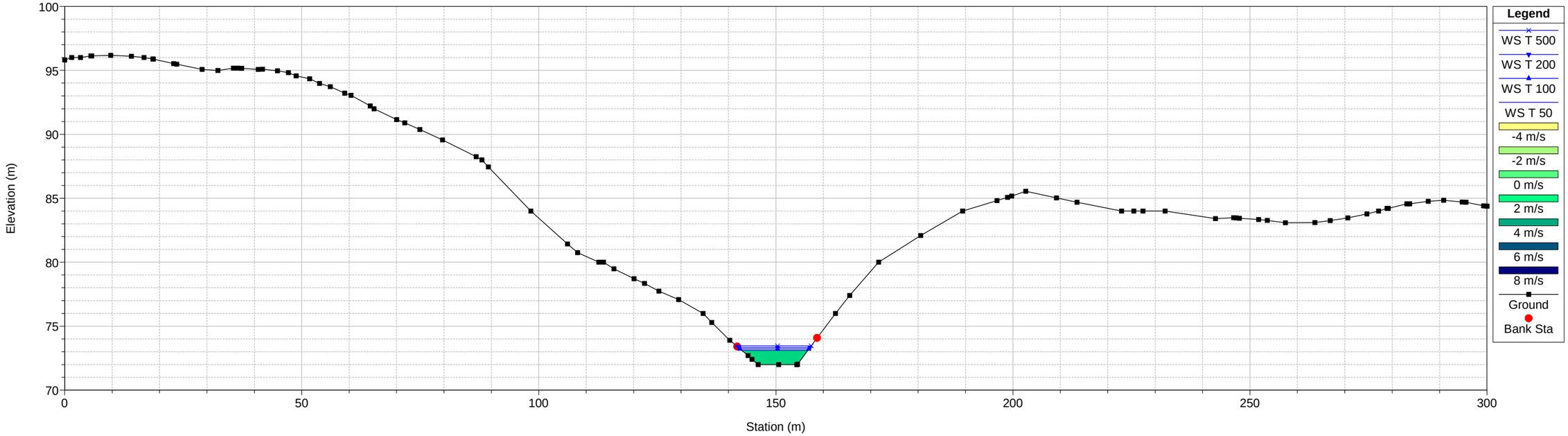
River = Rio_ValdiMela Reach = trcprc RS = 3641



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

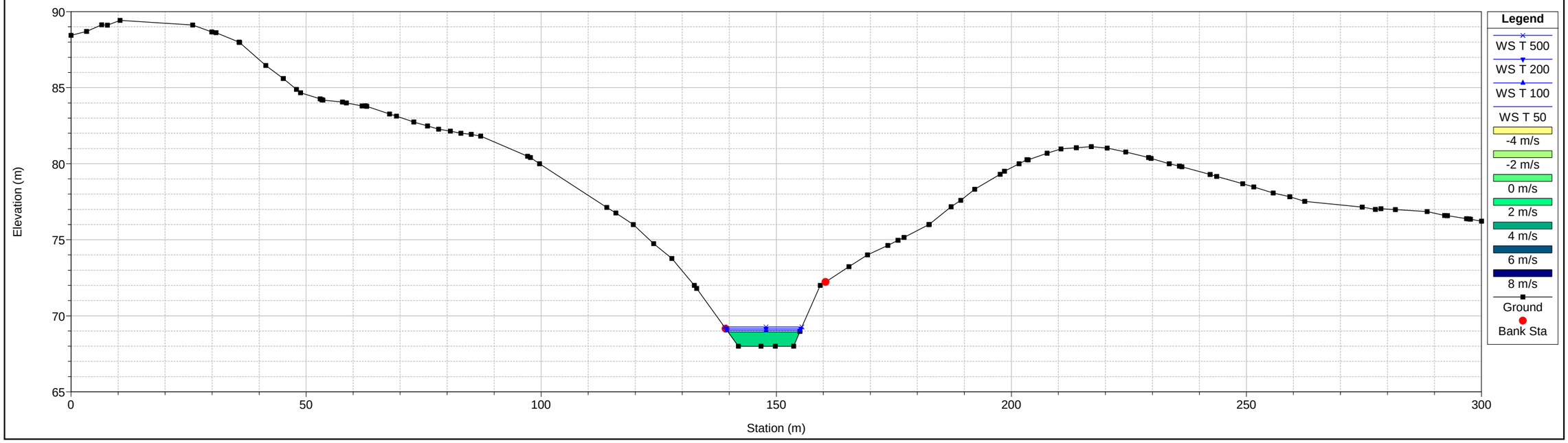
River = Rio_ValdiMela Reach = trcprc RS = 3591



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

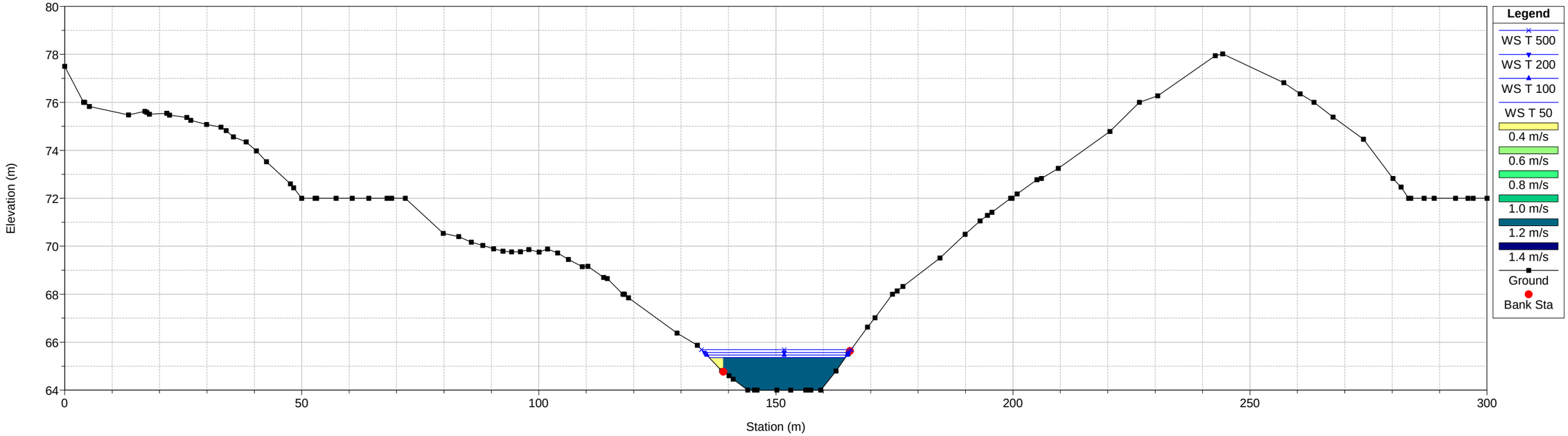
River = Rio_ValdiMela Reach = trcprc RS = 3541



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

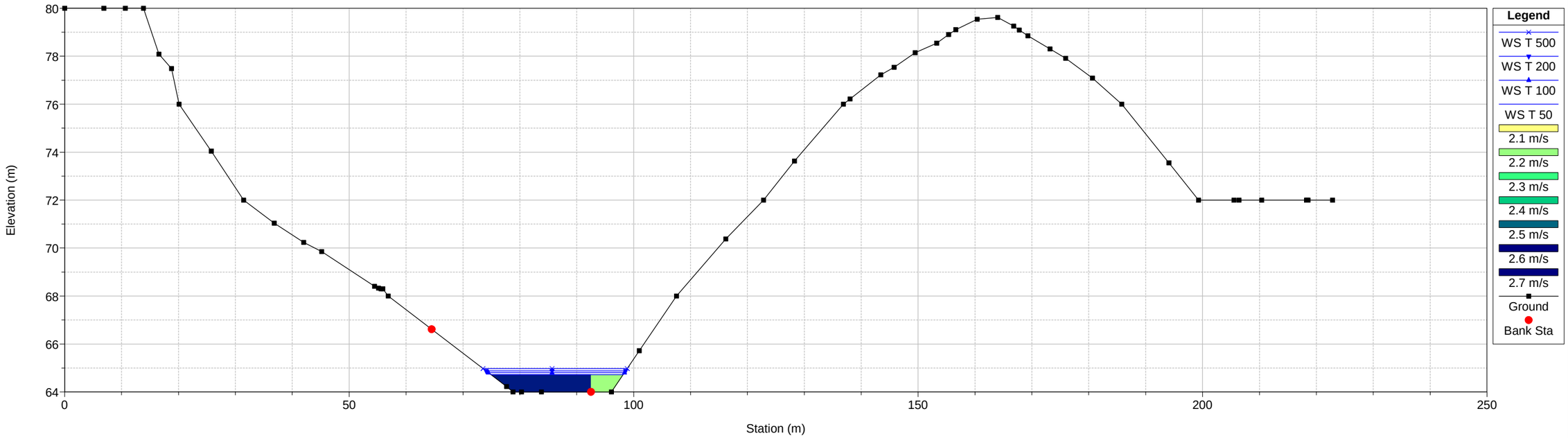
River = Rio_ValdiMela Reach = trcprc RS = 3491



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

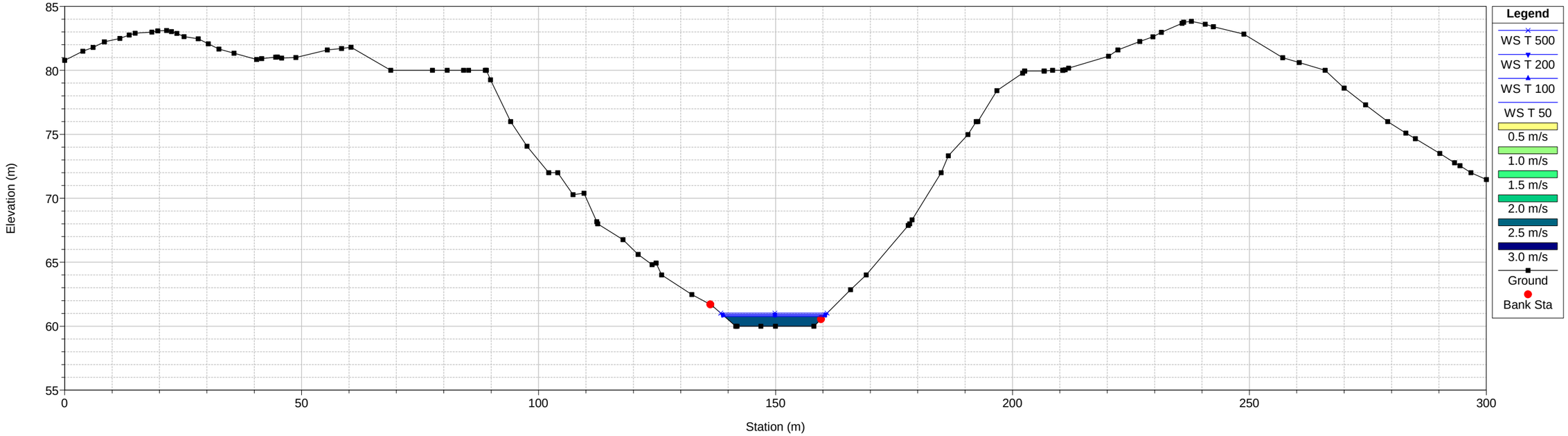
River = Rio_ValdiMela Reach = trcprc RS = 3449



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

River = Rio_ValdiMela Reach = trcprc RS = 3391

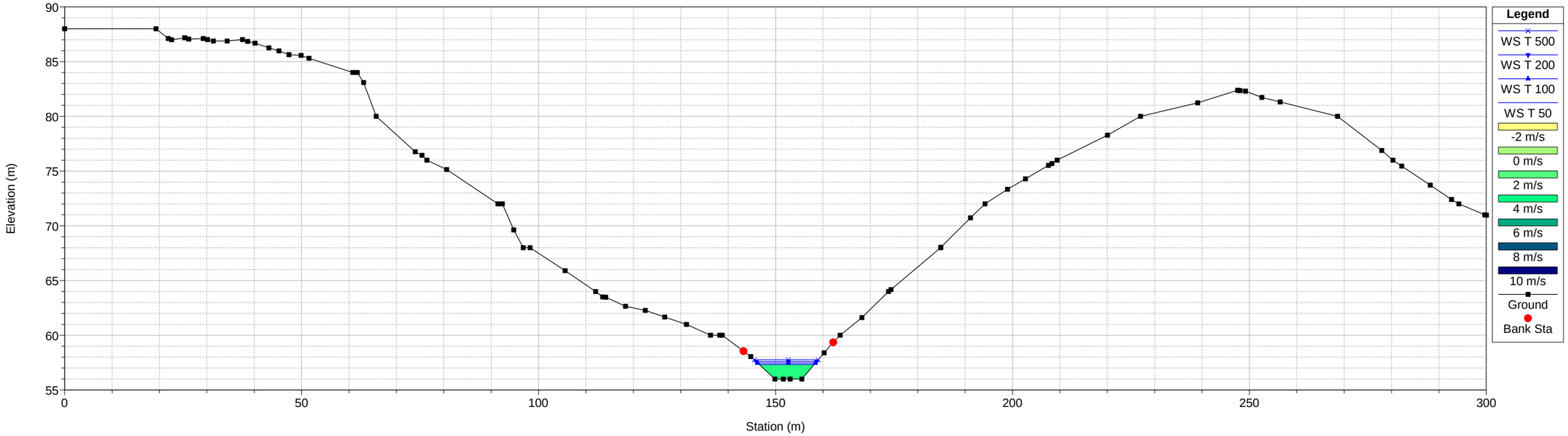


Station (m)

Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

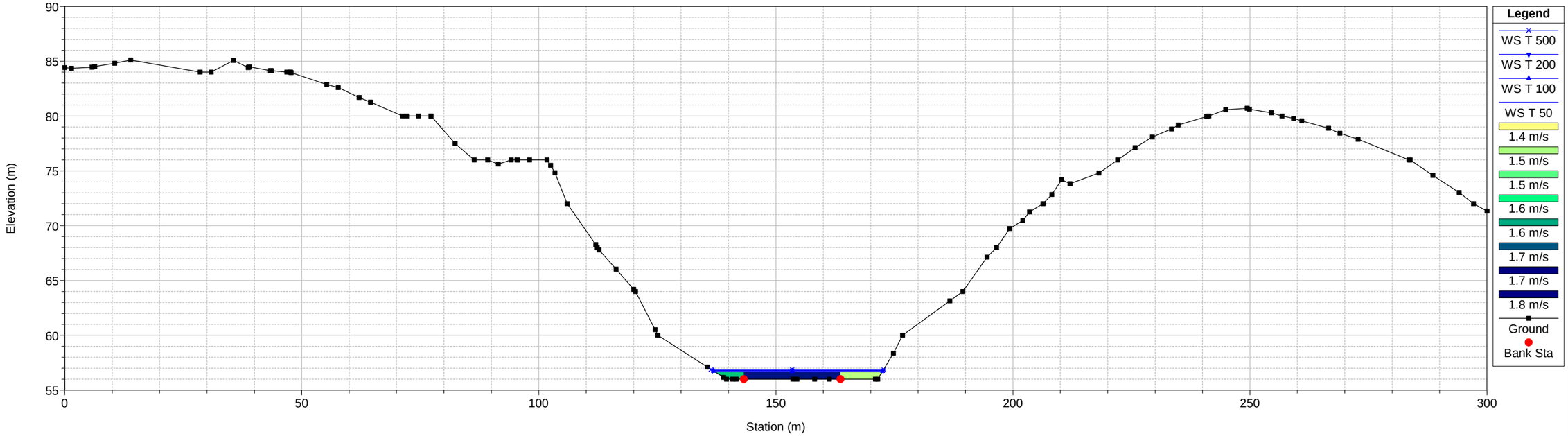
River = Rio_ValdiMela Reach = trcprc RS = 3341



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

River = Rio_ValdiMela Reach = trcprc RS = 3291

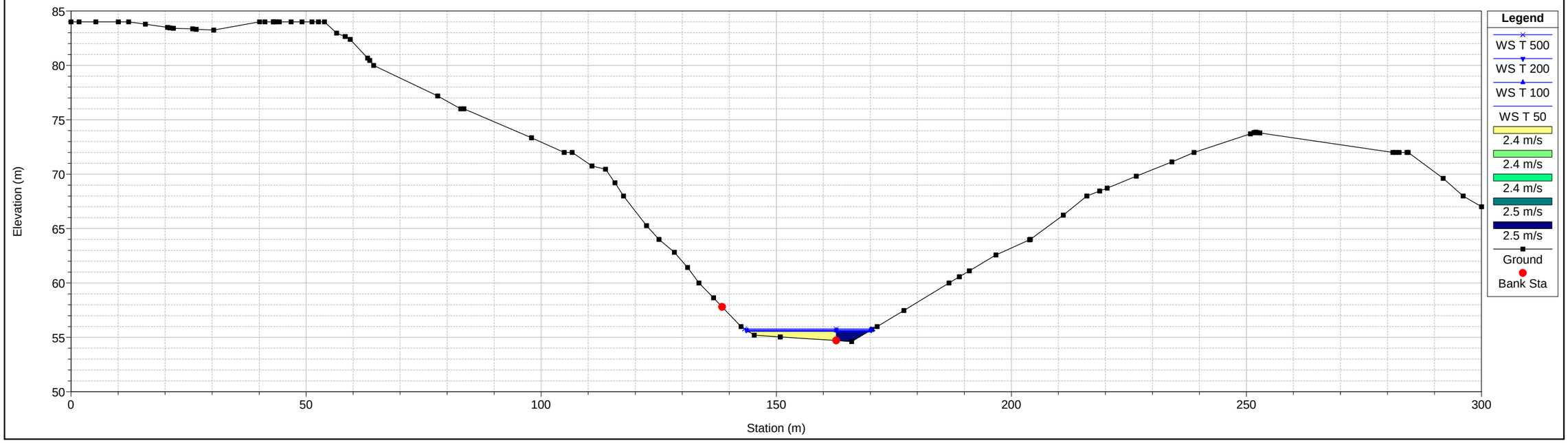


Station (m)

Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

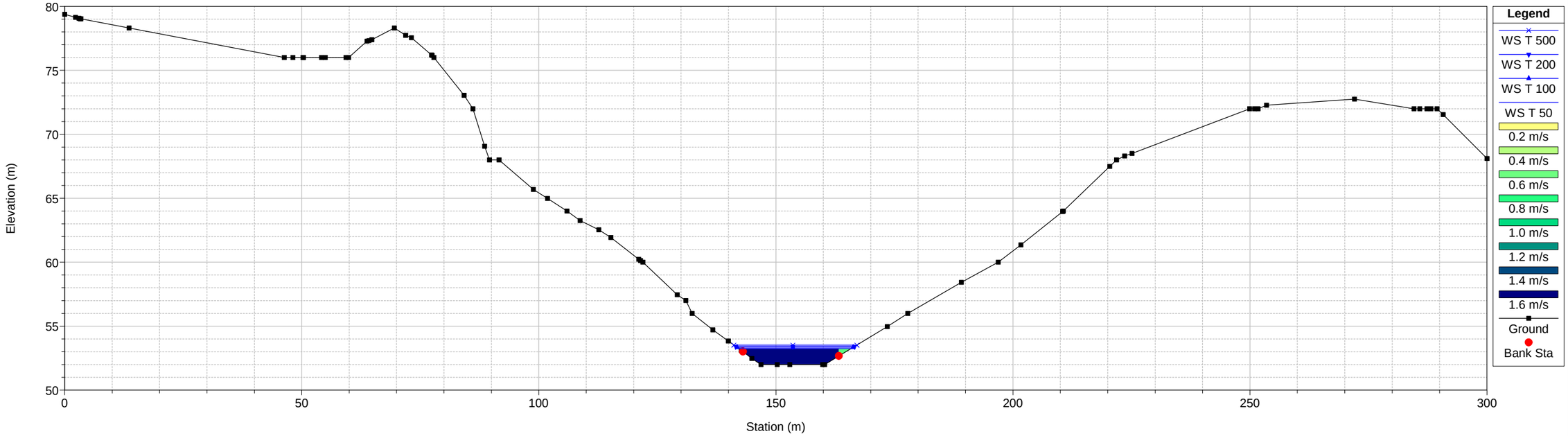
River = Rio_ValdiMela Reach = trcprc RS = 3241



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

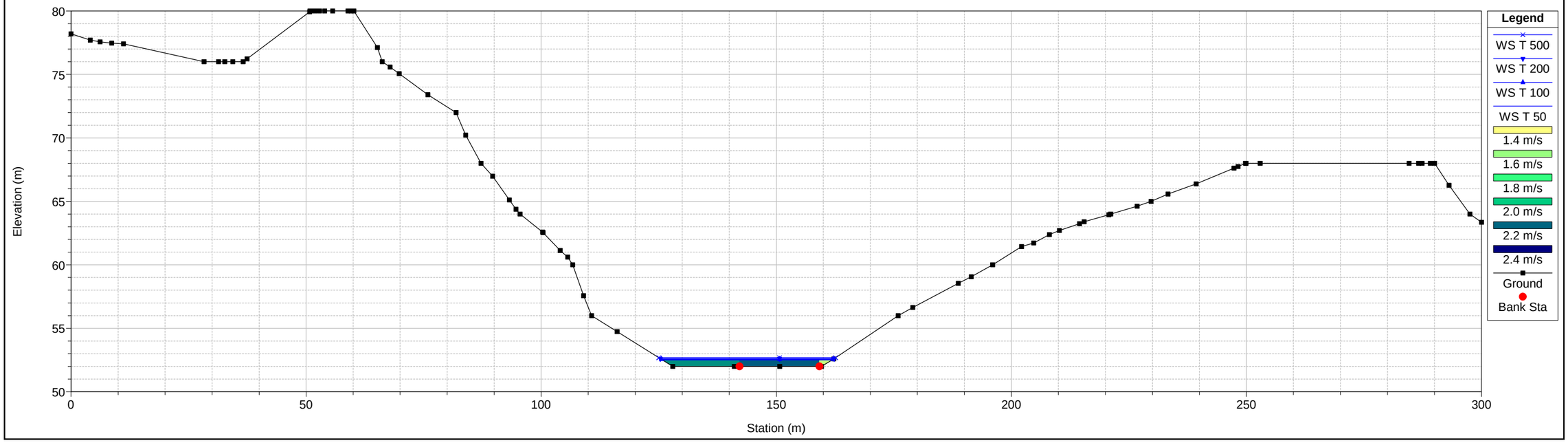
River = Rio_ValdiMela Reach = trcprc RS = 3191



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

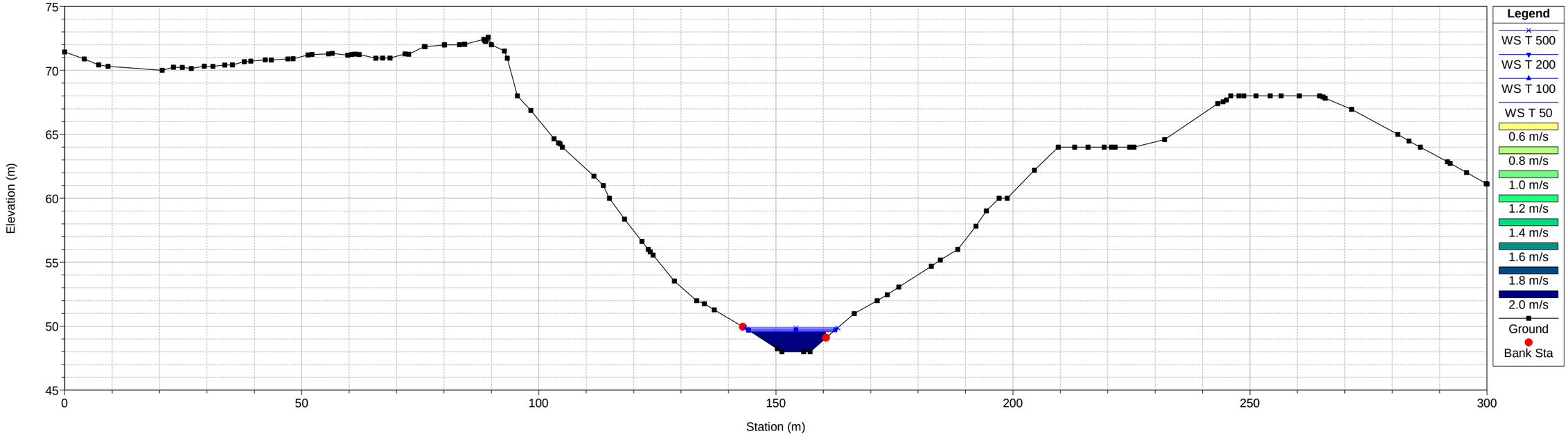
River = Rio_ValdiMela Reach = trcprc RS = 3141



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

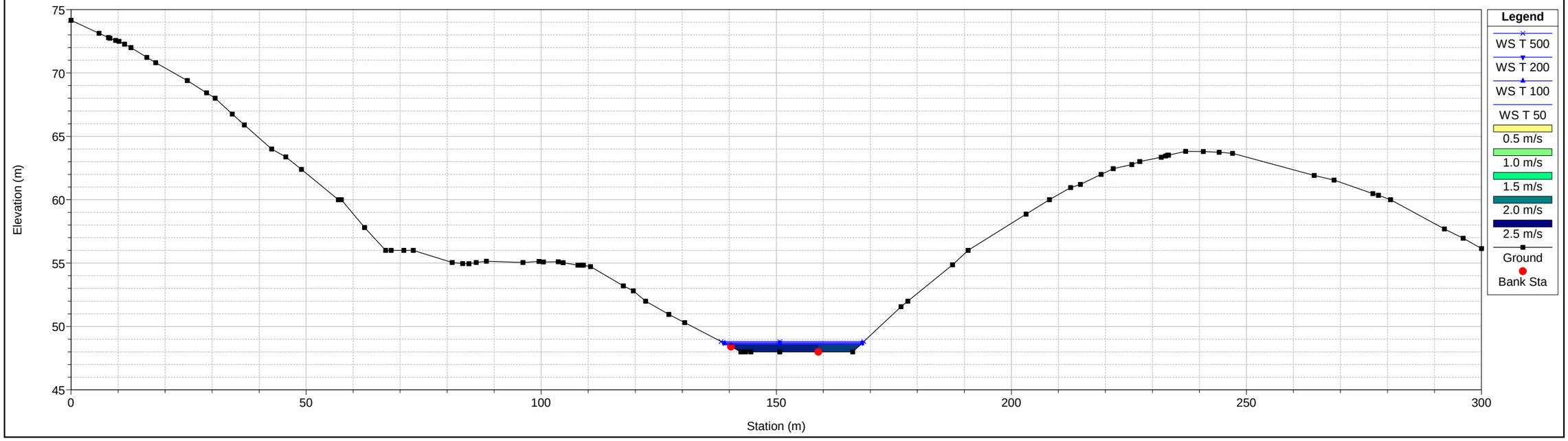
River = Rio_ValdiMela Reach = trcprc RS = 3091



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

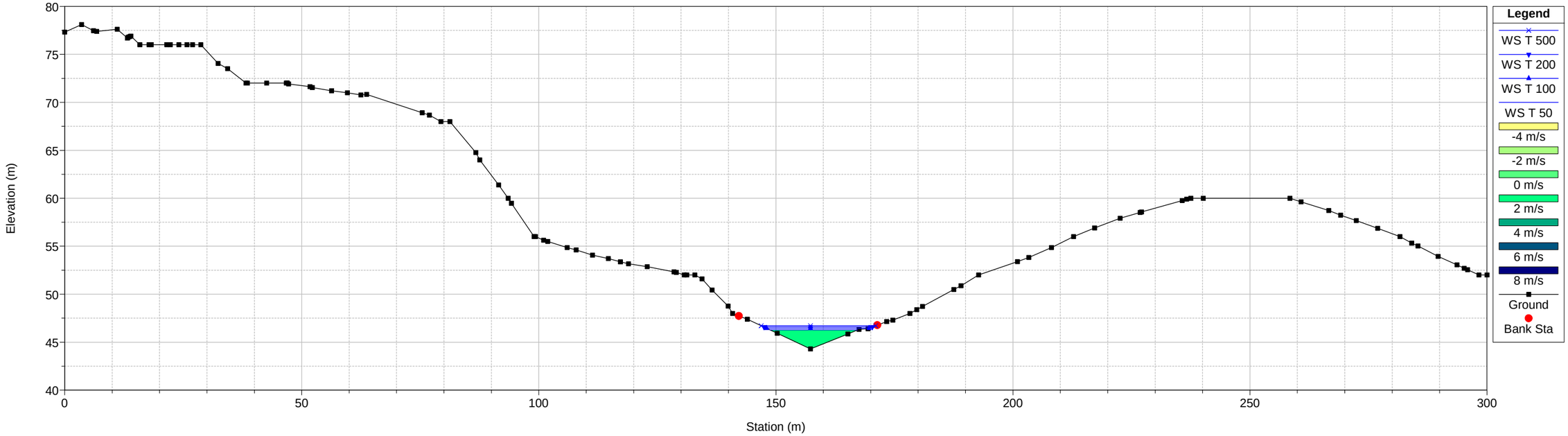
River = Rio_ValdiMela Reach = trcprc RS = 3041



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

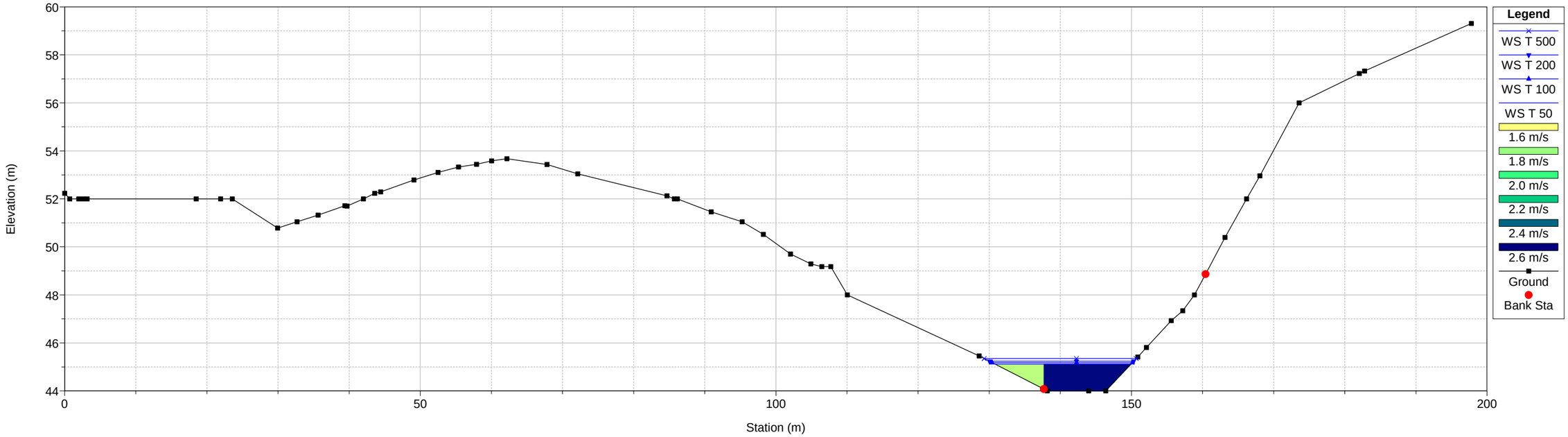
River = Rio_ValdiMela Reach = trcprc RS = 2991



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

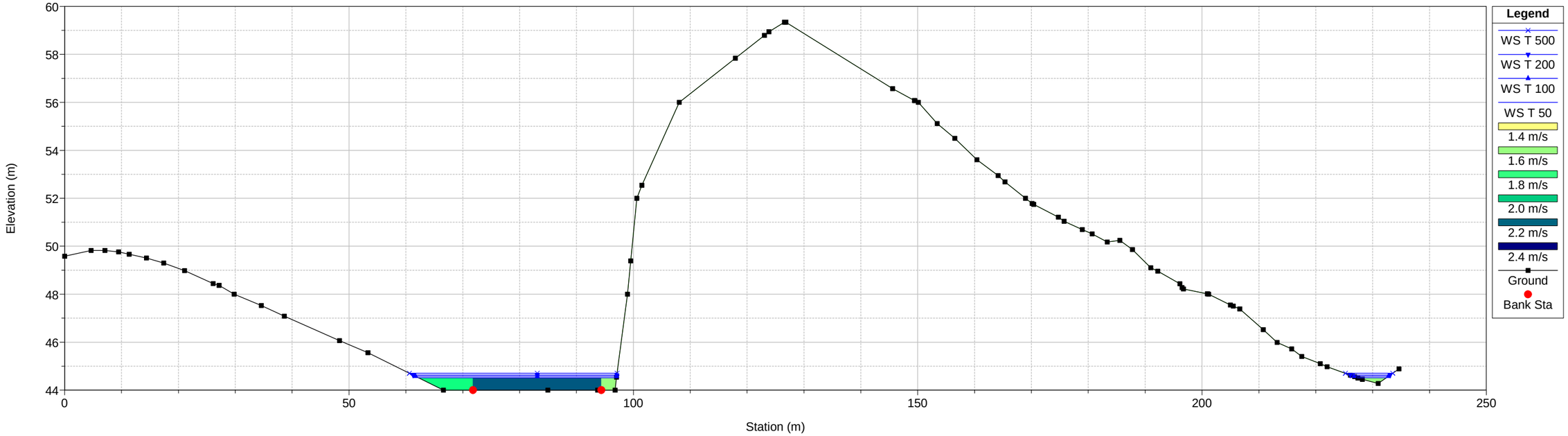
River = Rio_ValdiMela Reach = trcprc RS = 2926



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

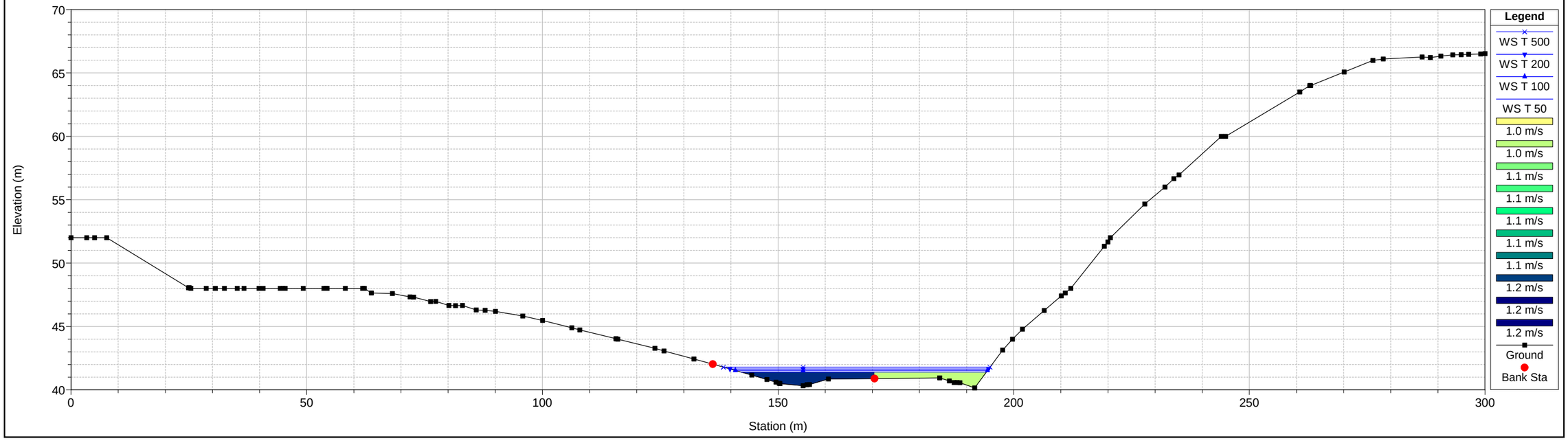
River = Rio_ValdiMela Reach = trcprc RS = 2902



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

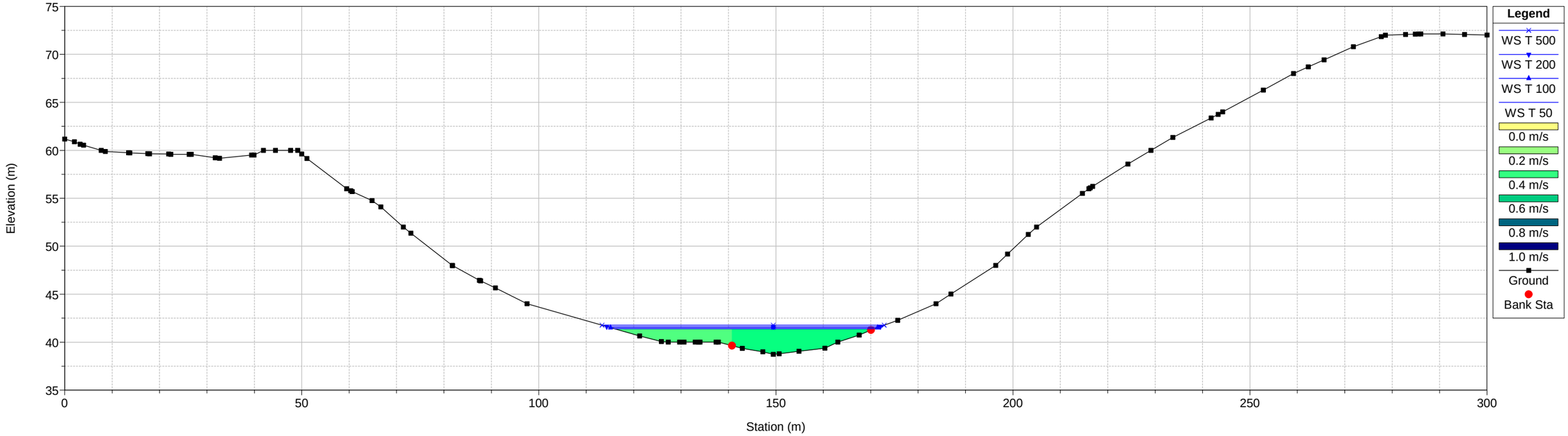
River = Rio_ValdiMela Reach = trcprc RS = 2841



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

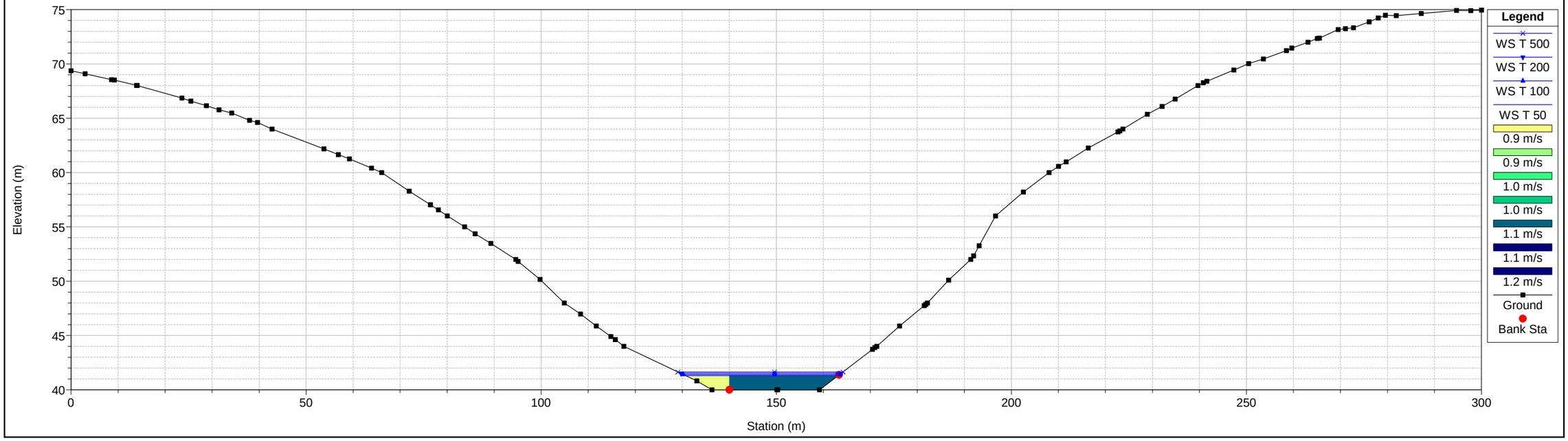
River = Rio_ValdiMela Reach = trcprc RS = 2791



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

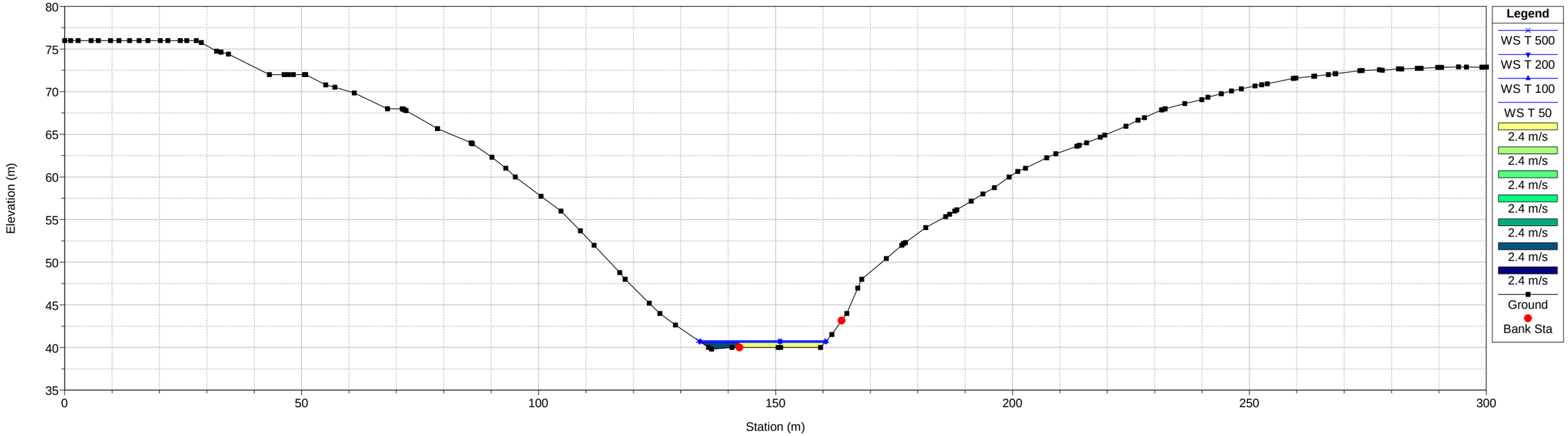
River = Rio_ValdiMela Reach = trcprc RS = 2741



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

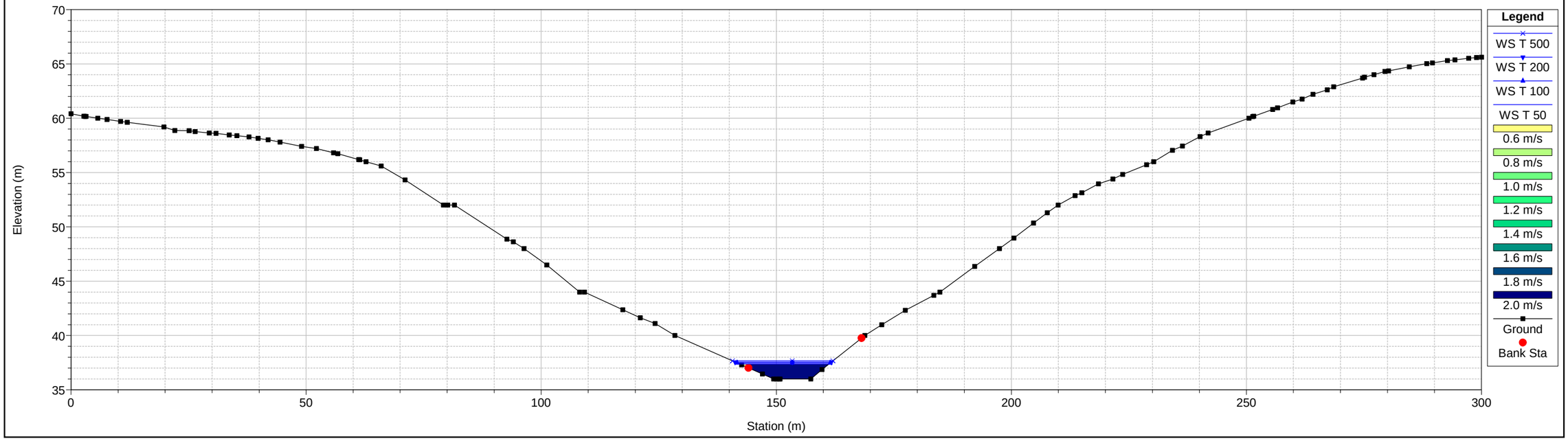
River = Rio_ValdiMela Reach = trcprc RS = 2691



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

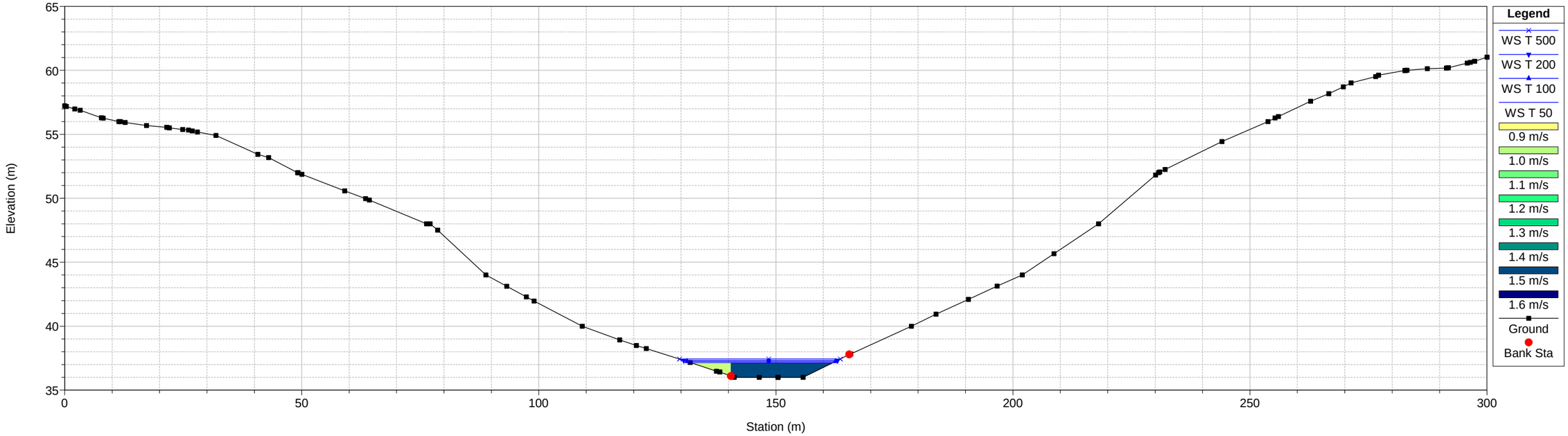
River = Rio_ValdiMela Reach = trcprc RS = 2641



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

River = Rio_ValdiMela Reach = trcprc RS = 2591

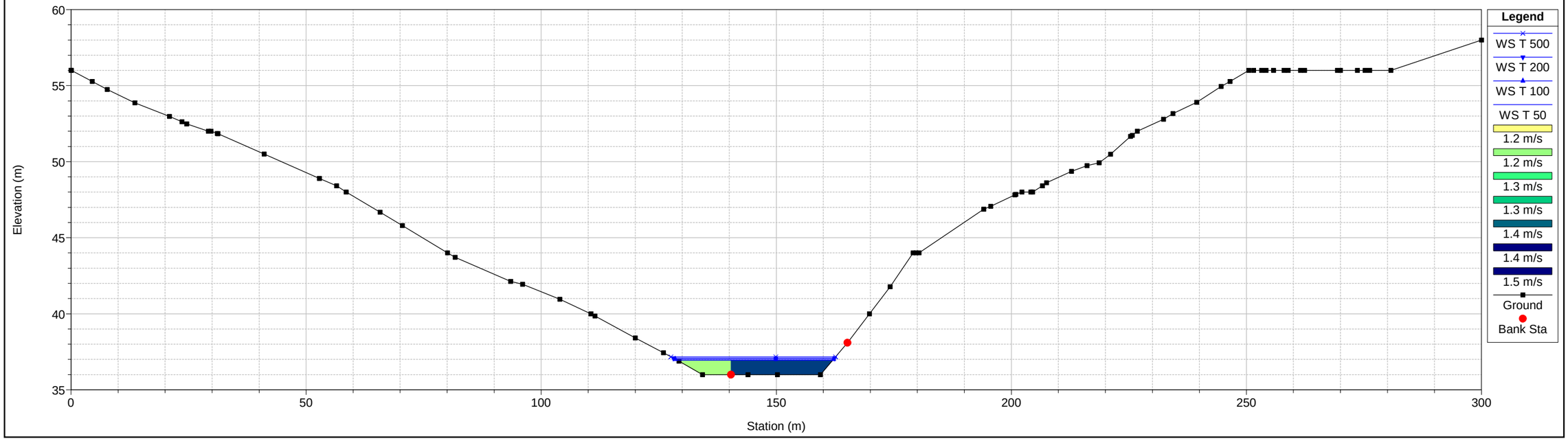


Station (m)

Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

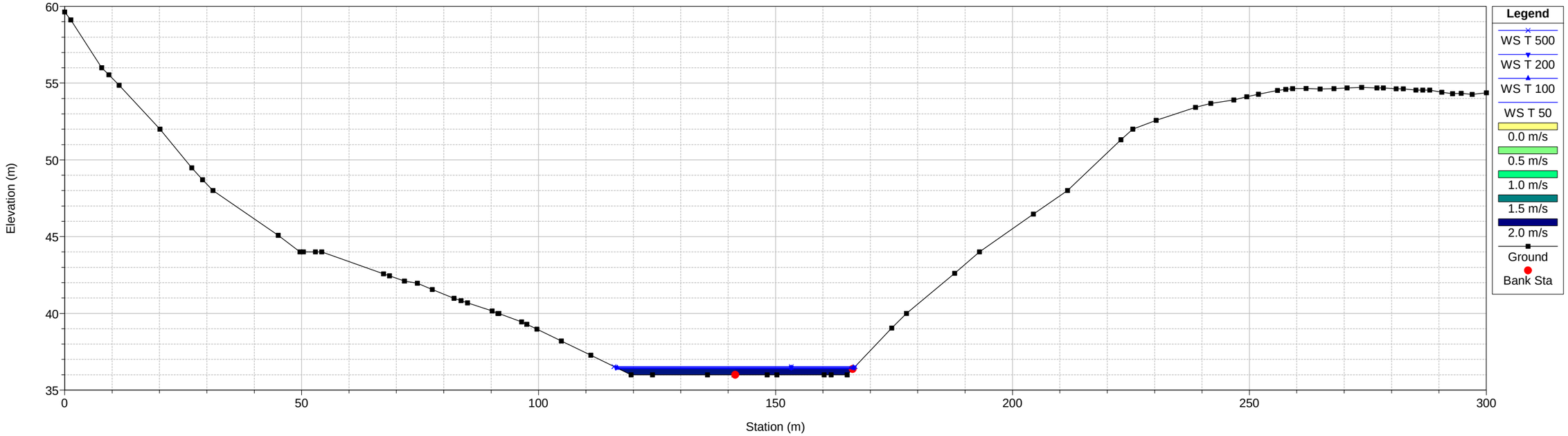
River = Rio_ValdiMela Reach = trcprc RS = 2541



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

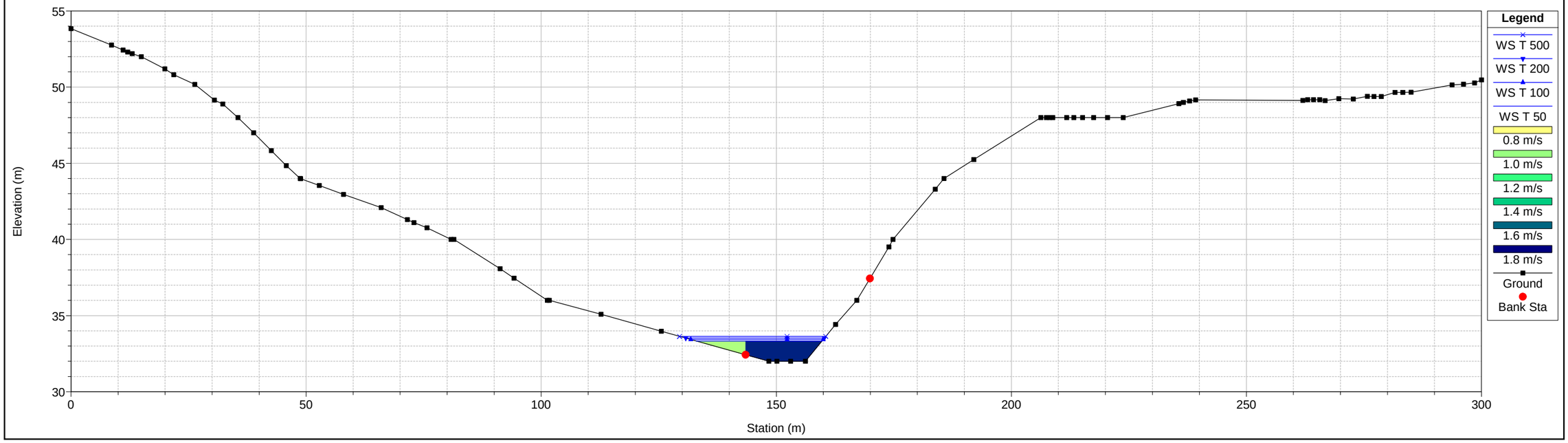
River = Rio_ValdiMela Reach = trcprc RS = 2491



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

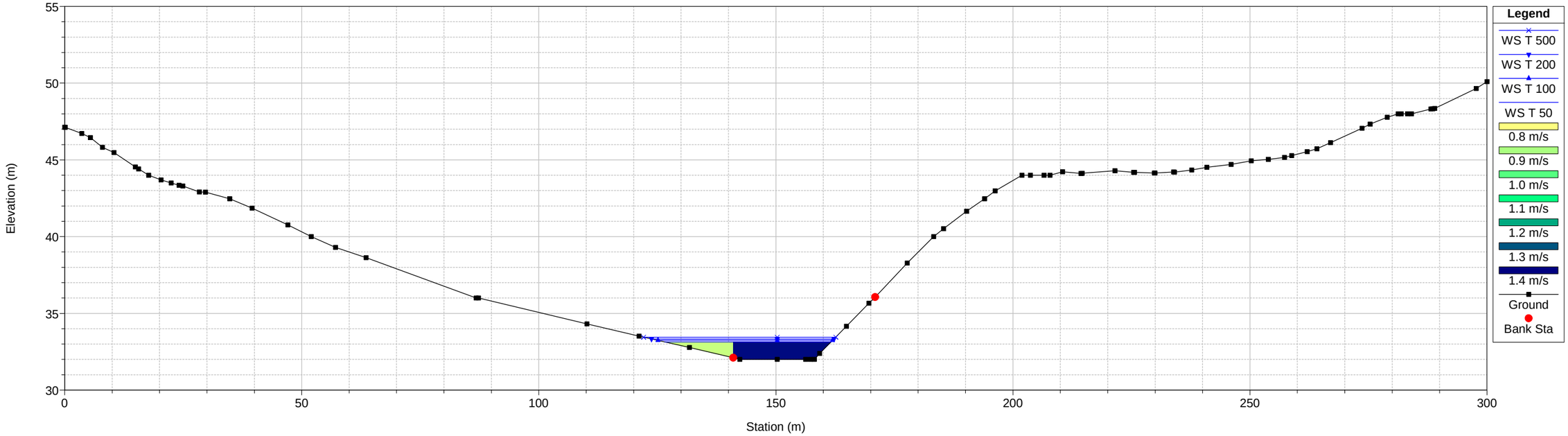
River = Rio_ValdiMela Reach = trcprc RS = 2491



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

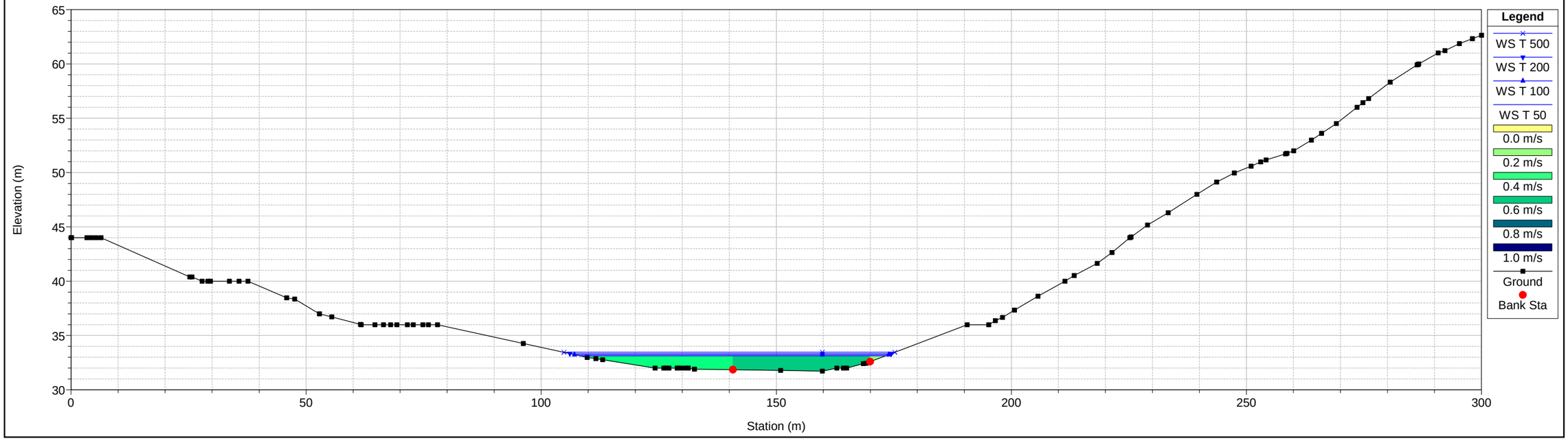
River = Rio_ValdiMela Reach = trcprc RS = 2391



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

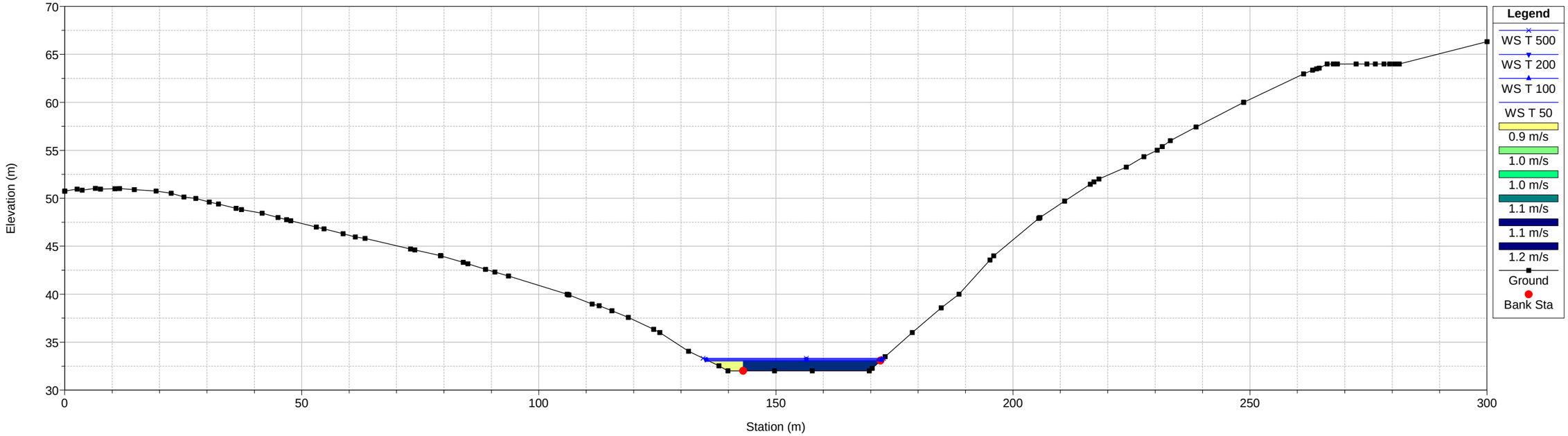
River = Rio_ValdiMela Reach = trcprc RS = 2341



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

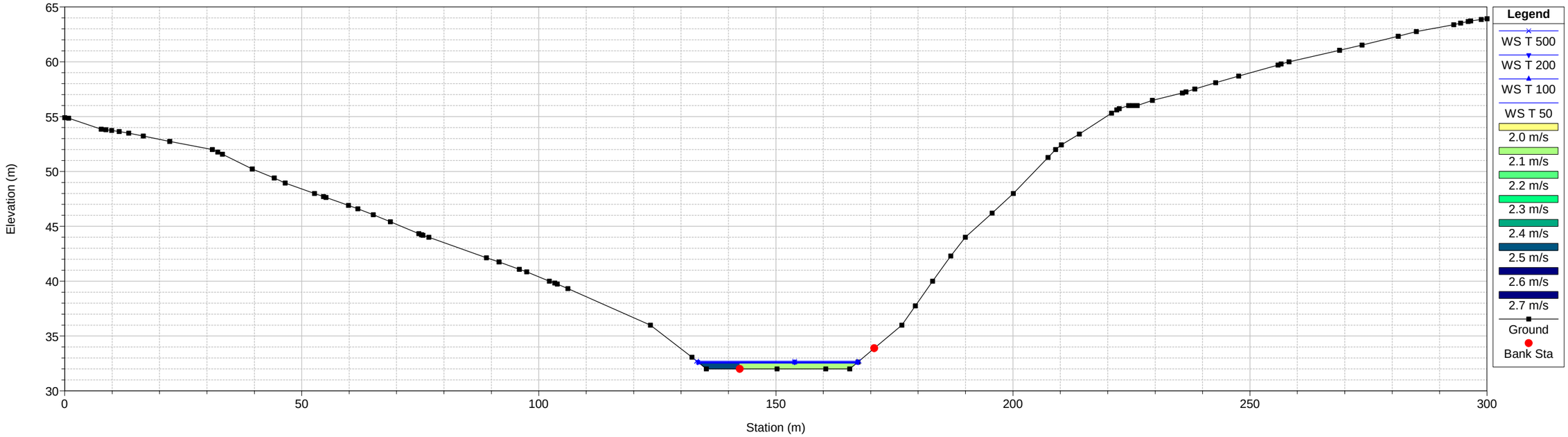
River = Rio_ValdiMela Reach = trcprc RS = 2291



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

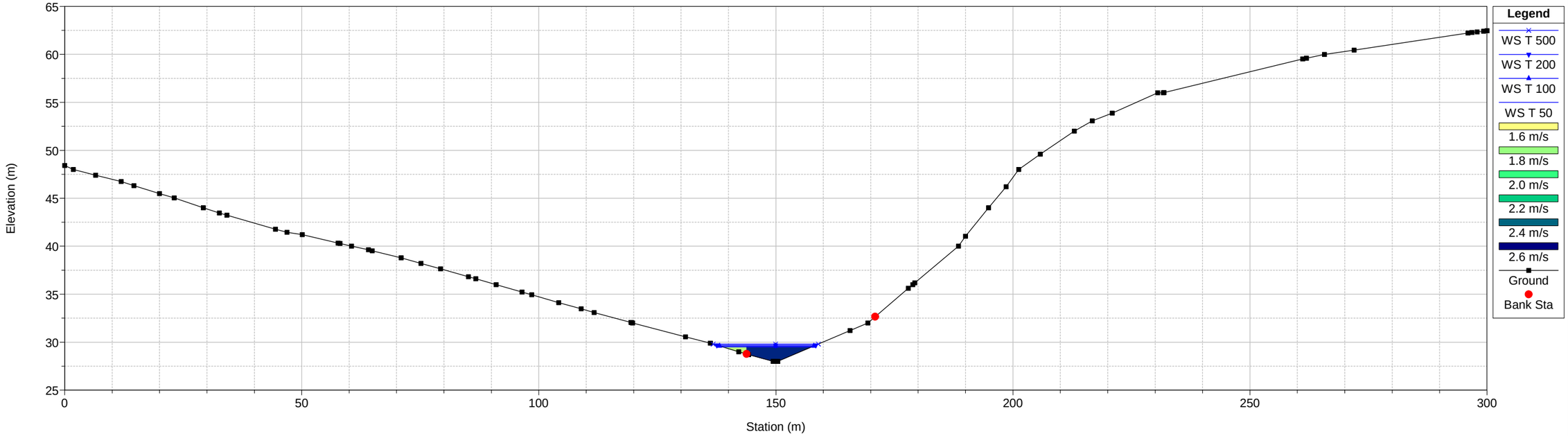
River = Rio_ValdiMela Reach = trcprc RS = 2241



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

River = Rio_ValdiMela Reach = trcprc RS = 2191

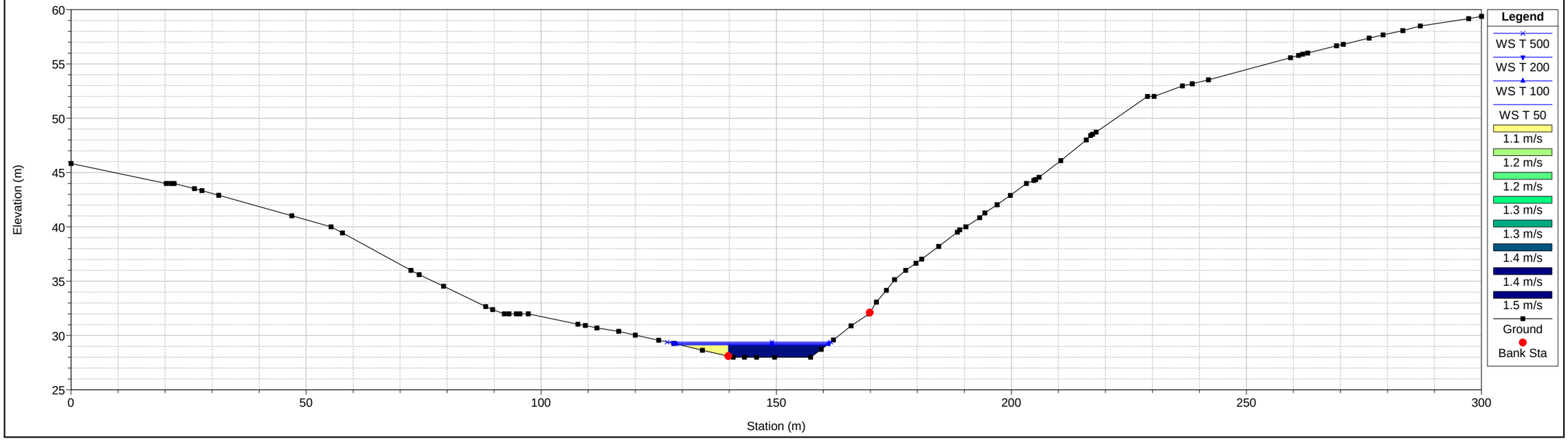


Station (m)

Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

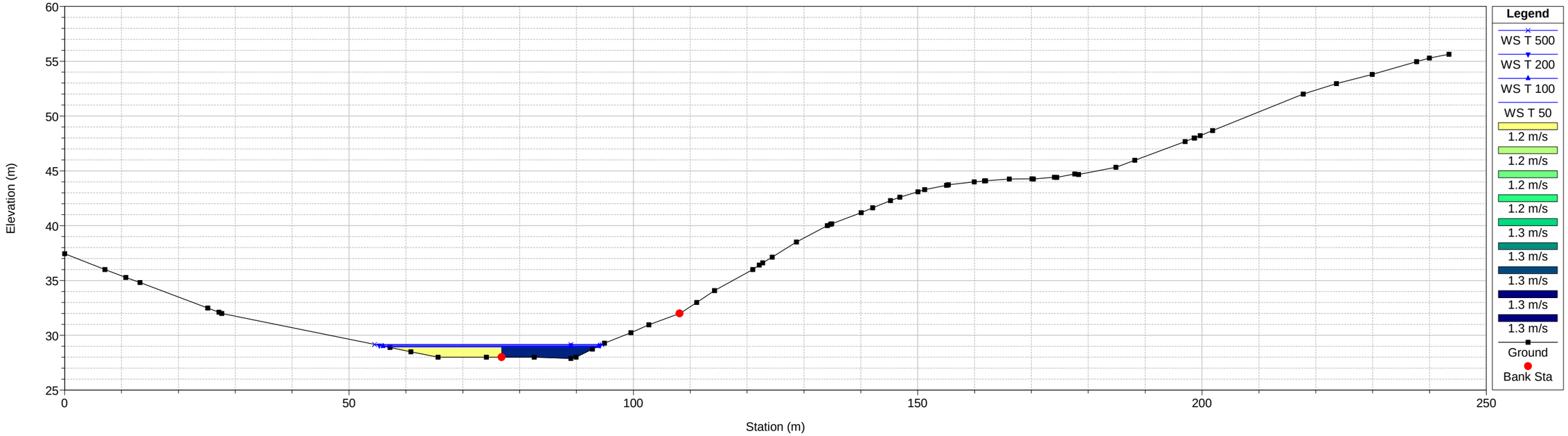
River = Rio_ValdiMela Reach = trcprc RS = 2141



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

River = Rio_ValdiMela Reach = trcprc RS = 2094

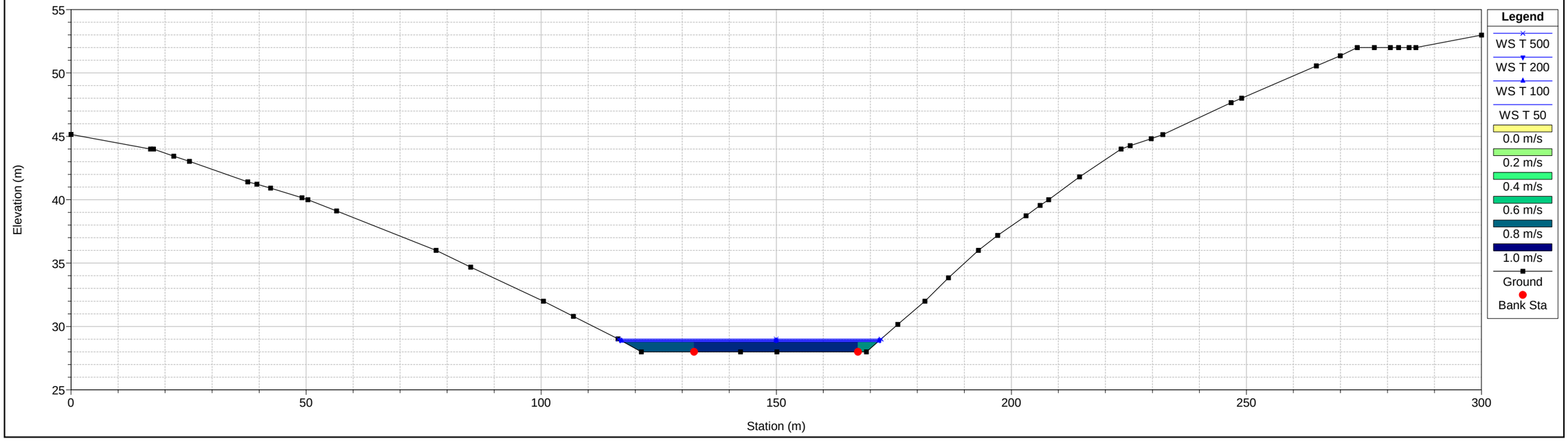


Station (m)

Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

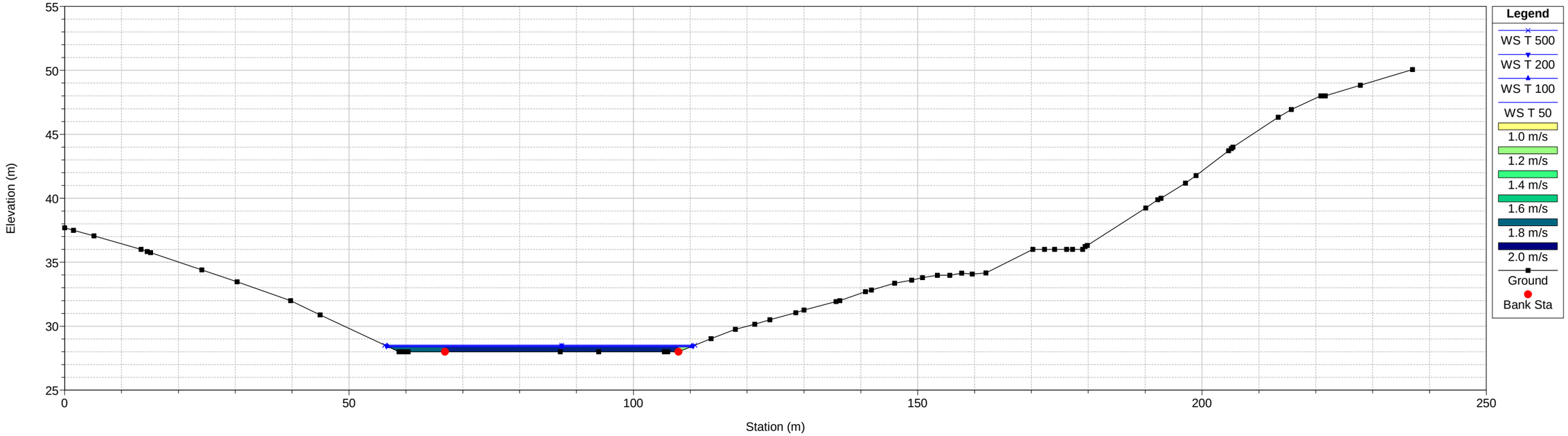
River = Rio_ValdiMela Reach = trcprc RS = 2041



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

River = Rio_ValdiMela Reach = trcprc RS = 1990

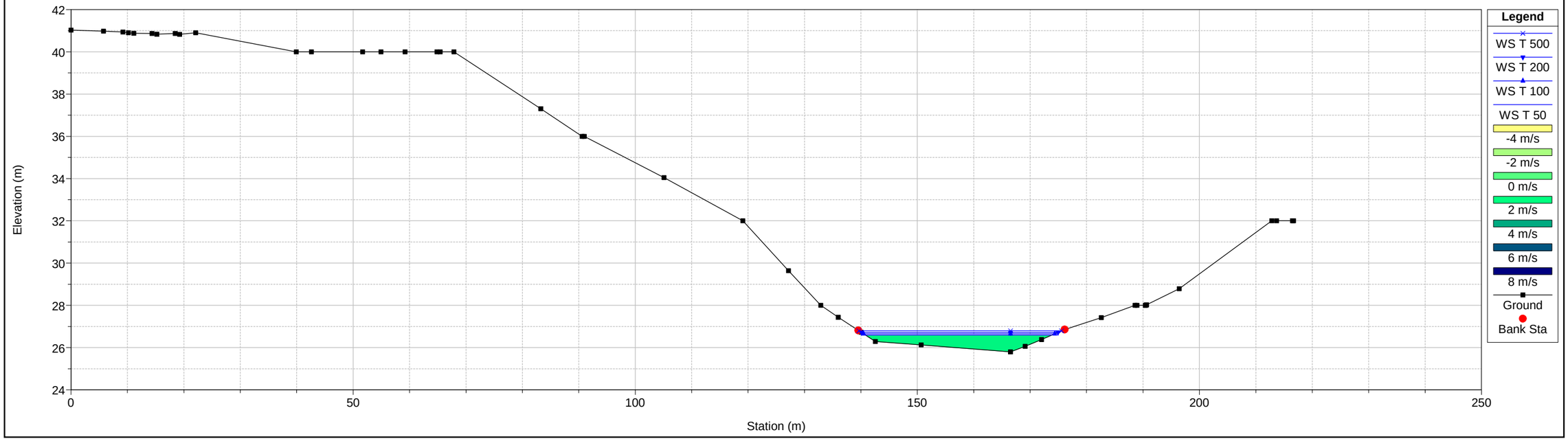


Station (m)

Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

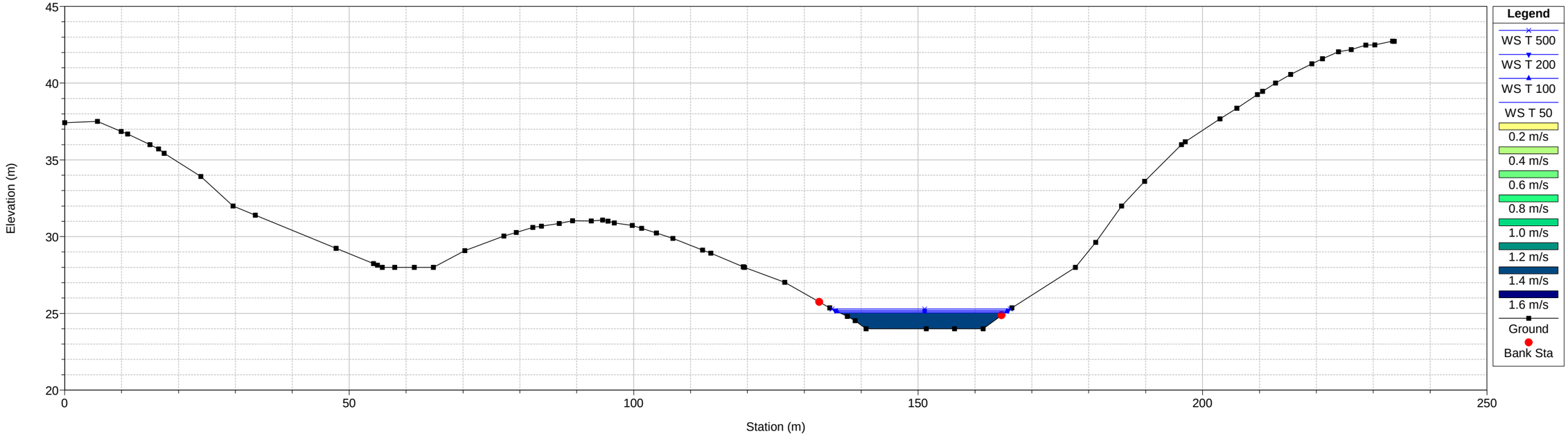
River = Rio_ValdiMela Reach = trcprc RS = 1954



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

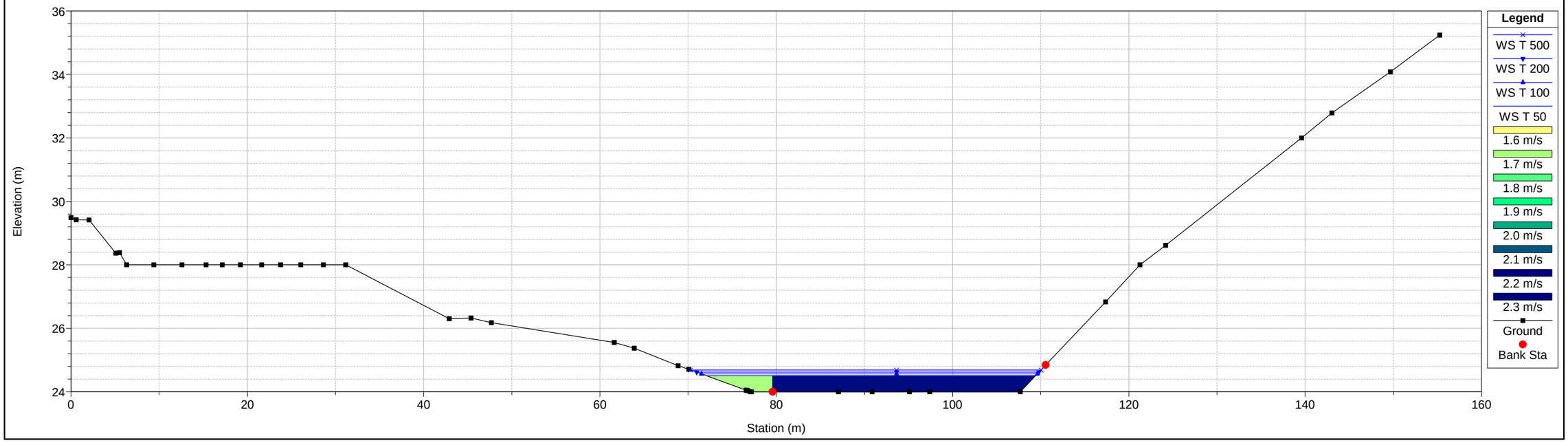
River = Rio_ValdiMela Reach = trcprc RS = 1883



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

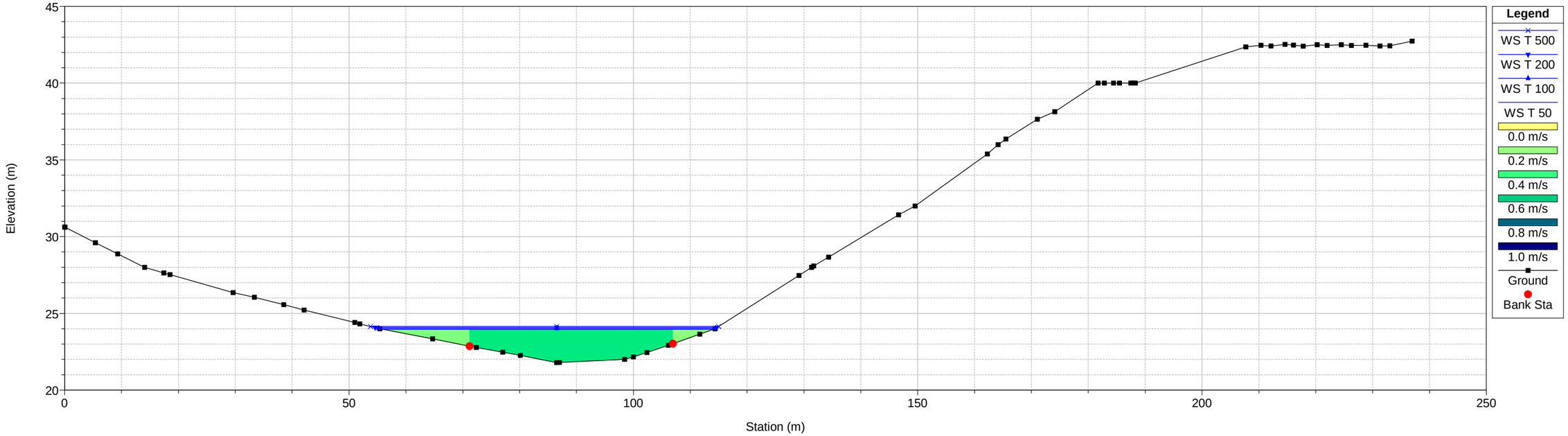
River = Rio_ValdiMela Reach = trcprc RS = 1840



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

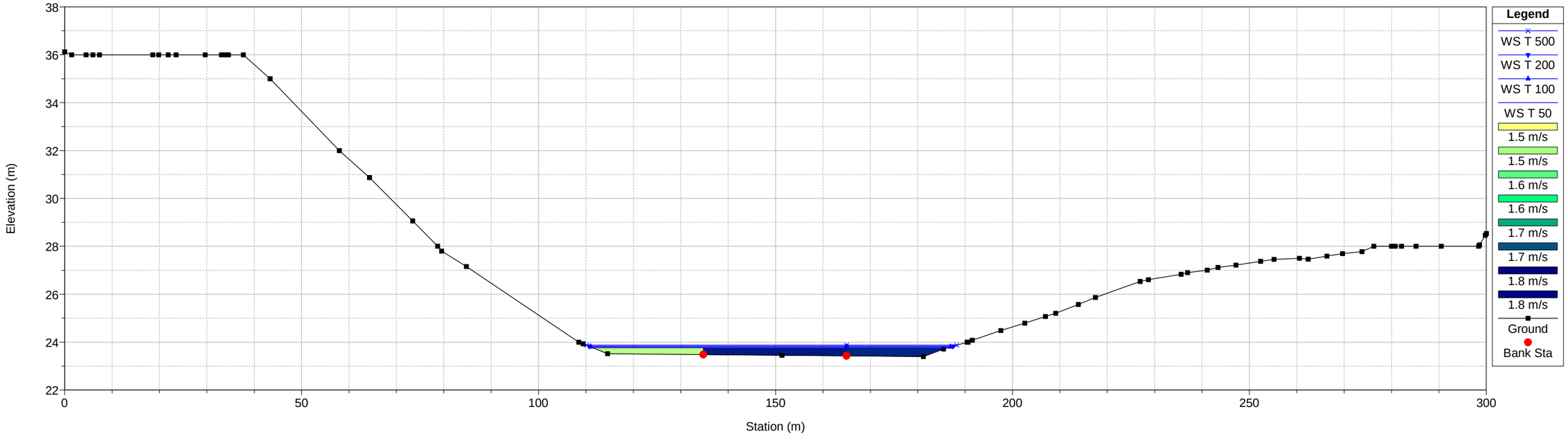
River = Rio_ValdiMela Reach = trcprc RS = 1799



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

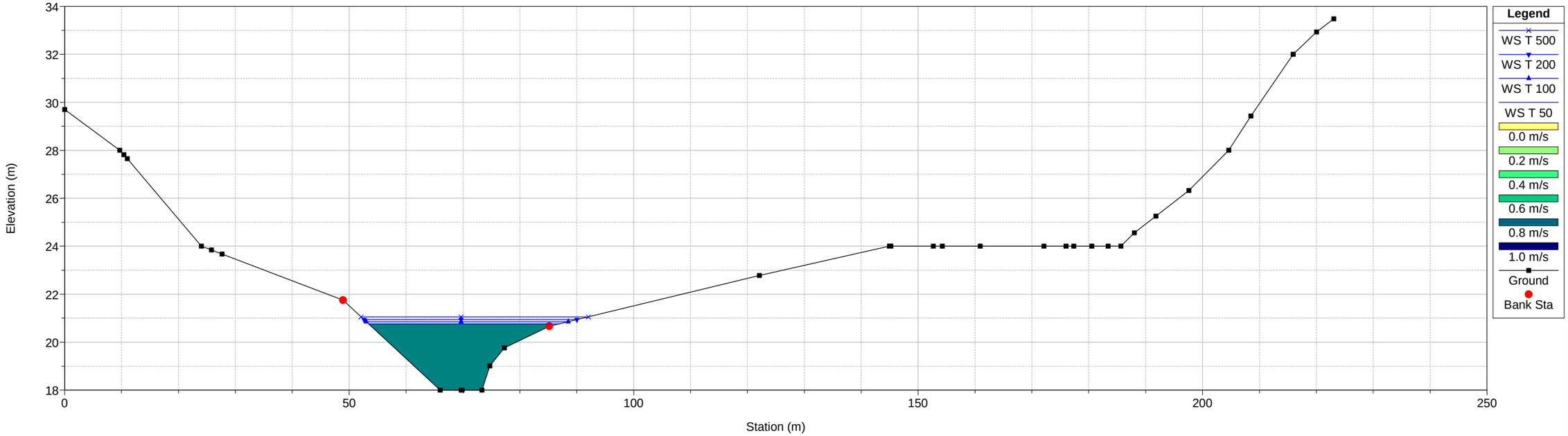
River = Rio_ValdiMela Reach = trcprc RS = 1741



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

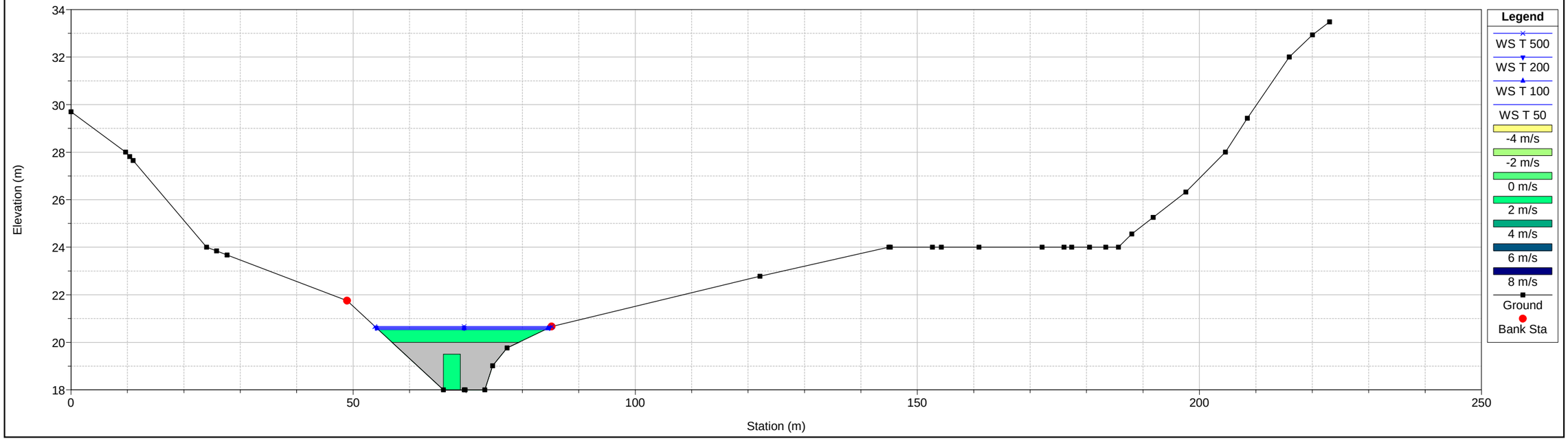
River = Rio_ValdiMela Reach = trcprc RS = 1689



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

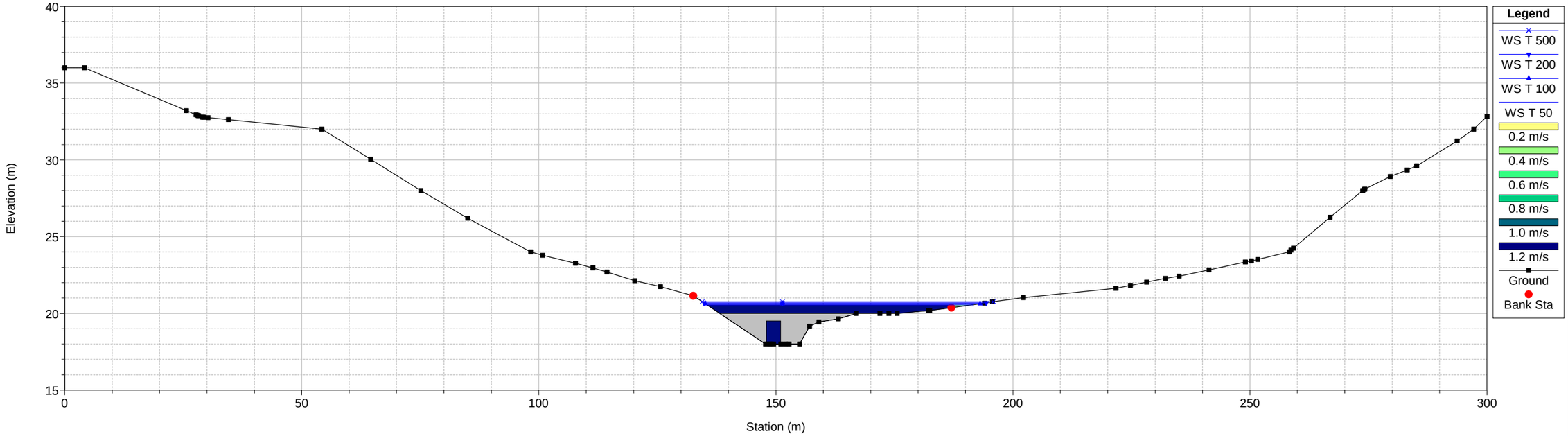
River = Rio_ValdiMela Reach = trcprc RS = 1668 BR



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

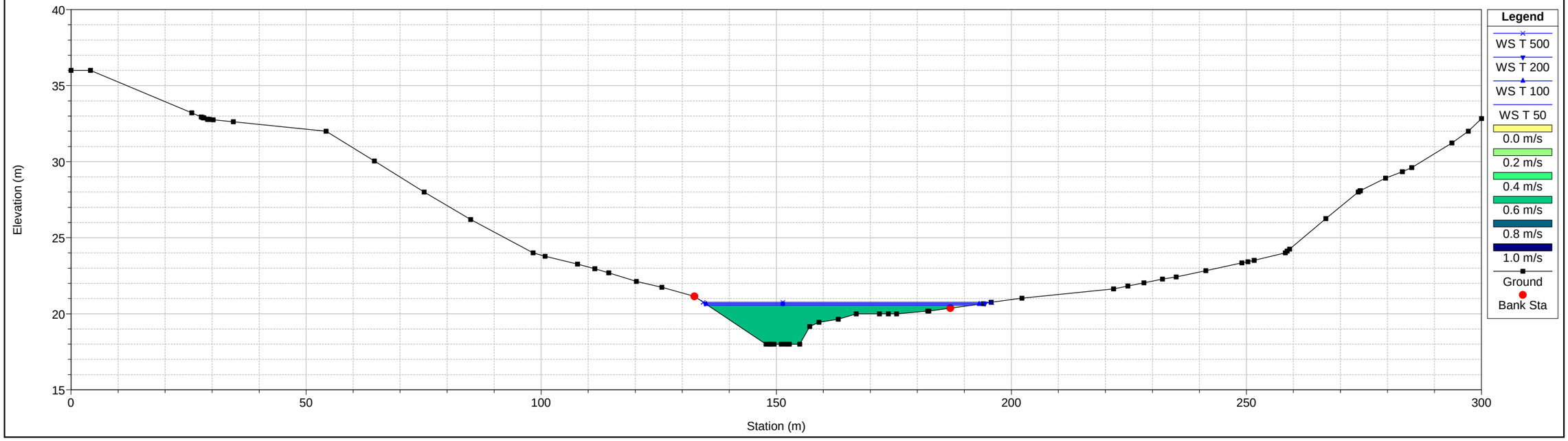
River = Rio_ValdiMela Reach = trcprc RS = 1668 BR



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

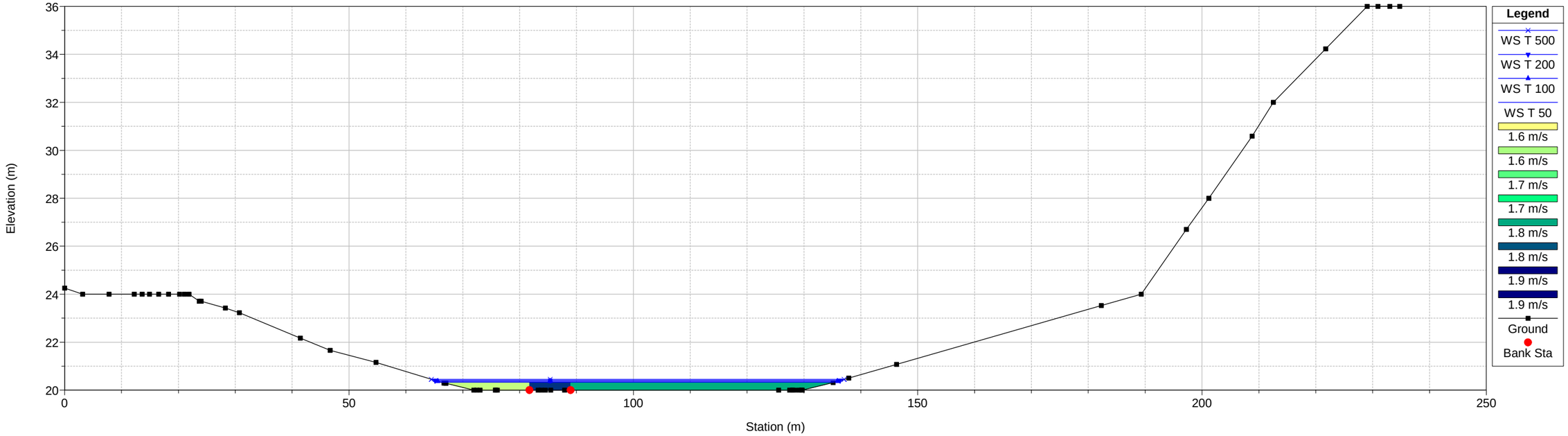
River = Rio_ValdiMela Reach = trcprc RS = 1641



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

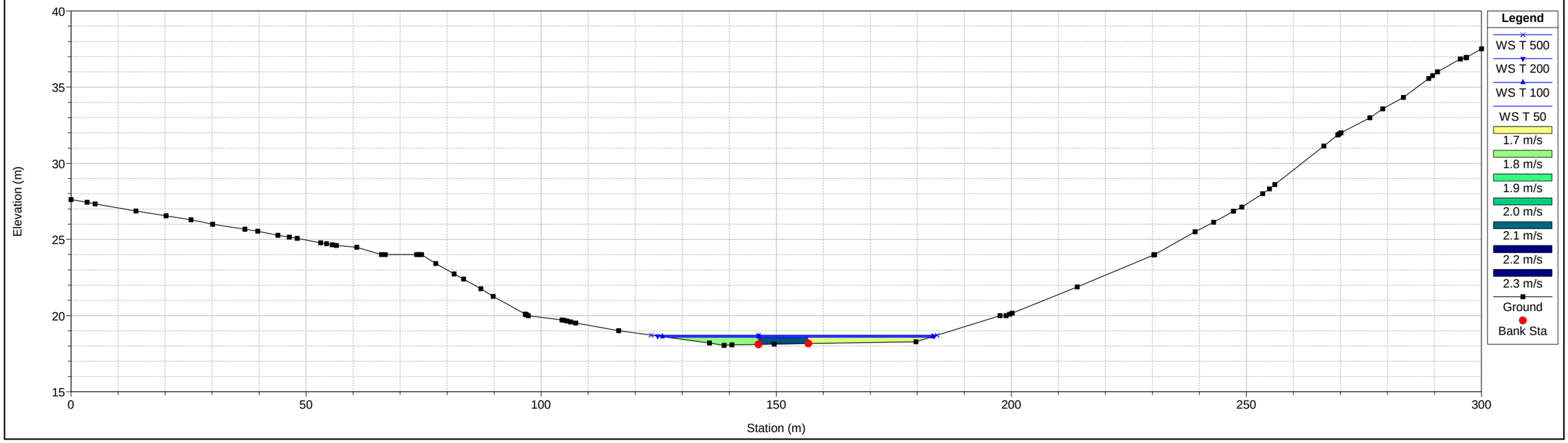
River = Rio_ValdiMela Reach = trcprc RS = 1593



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

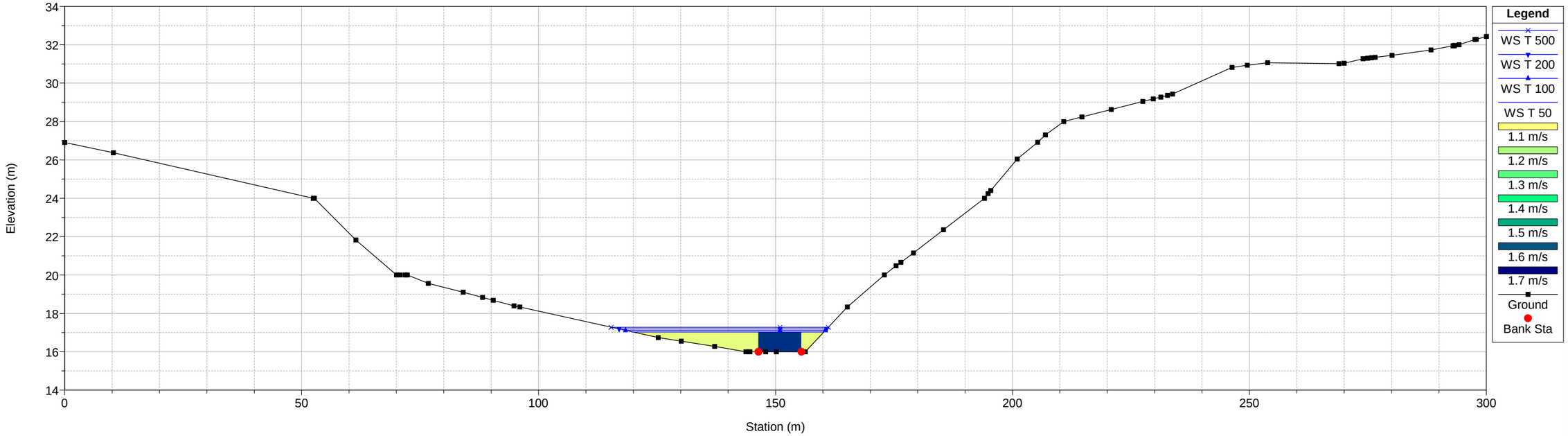
River = Rio_ValdiMela Reach = trcprc RS = 1541



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

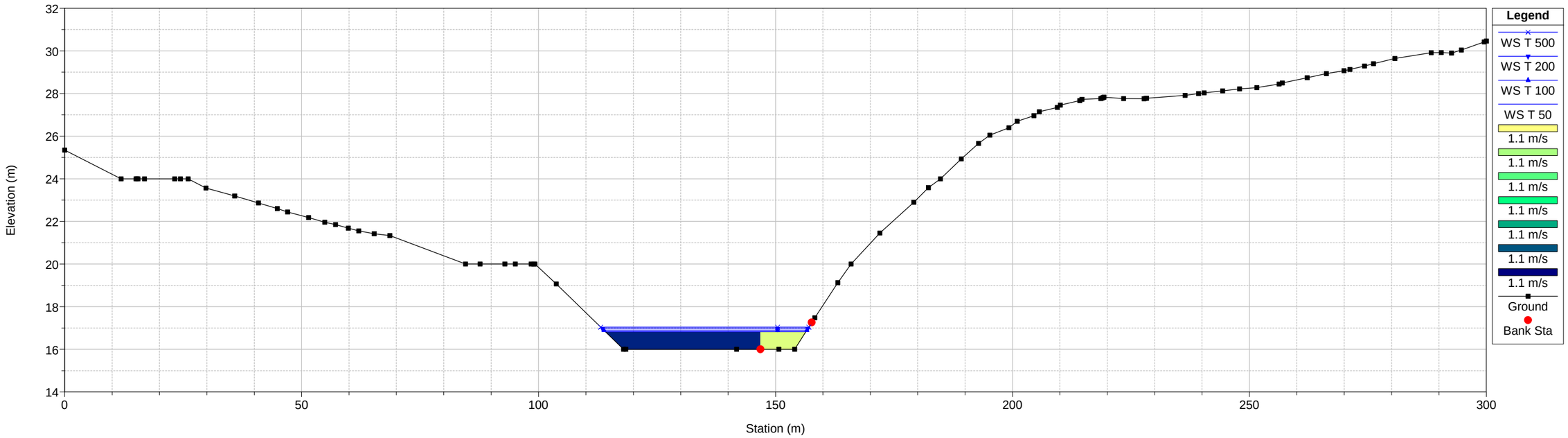
River = Rio_ValdiMela Reach = trcprc RS = 1491



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

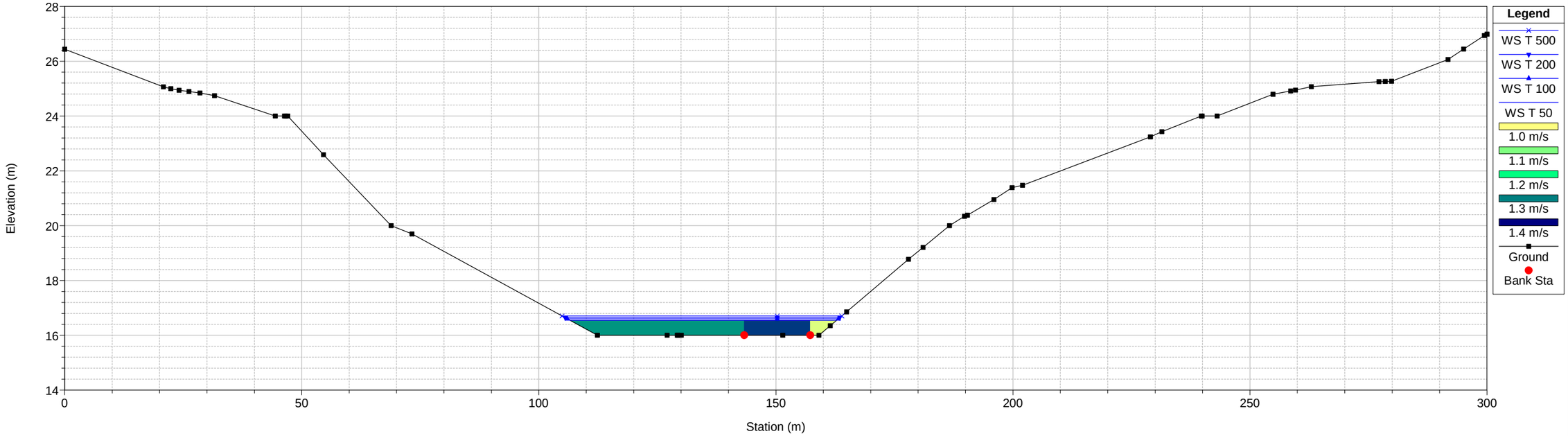
River = Rio_ValdiMela Reach = trcprc RS = 1441



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

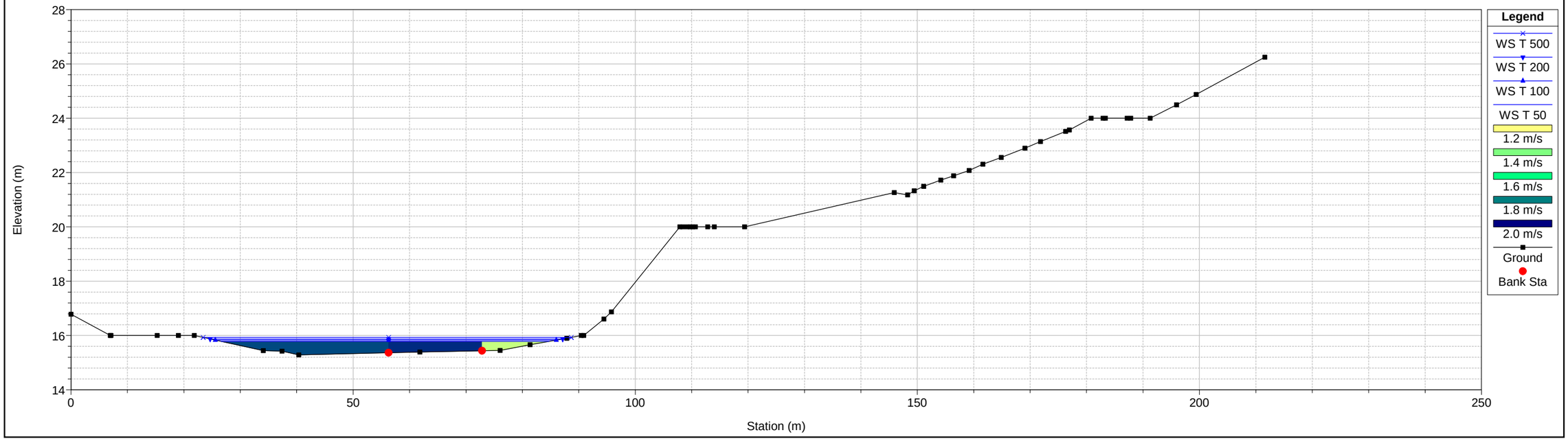
River = Rio_ValdiMela Reach = trcprc RS = 1391



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

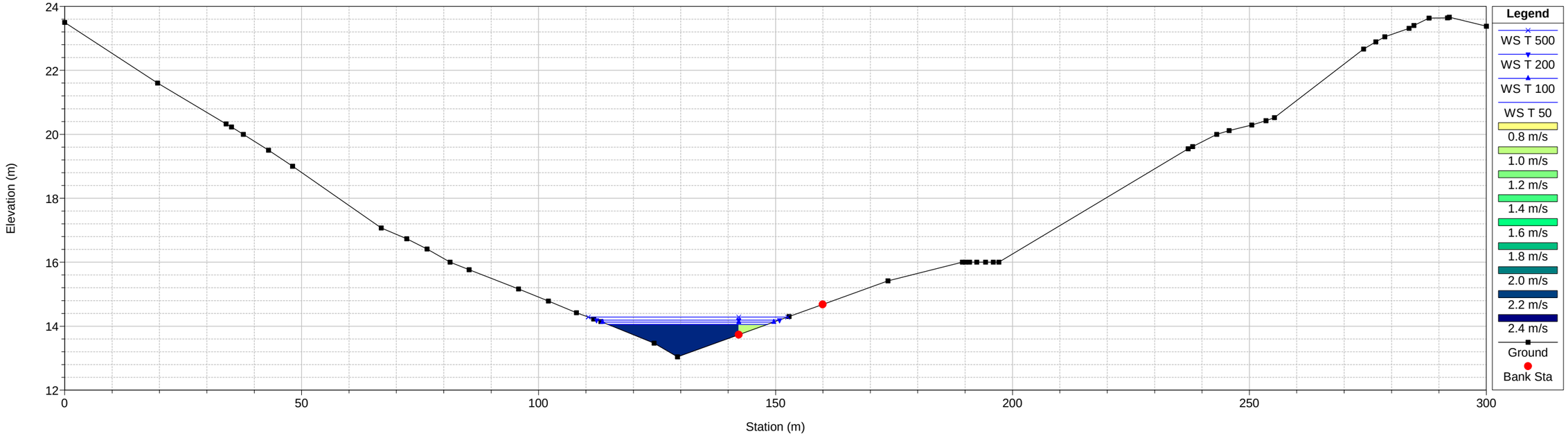
River = Rio_ValdiMela Reach = trcprc RS = 1344



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

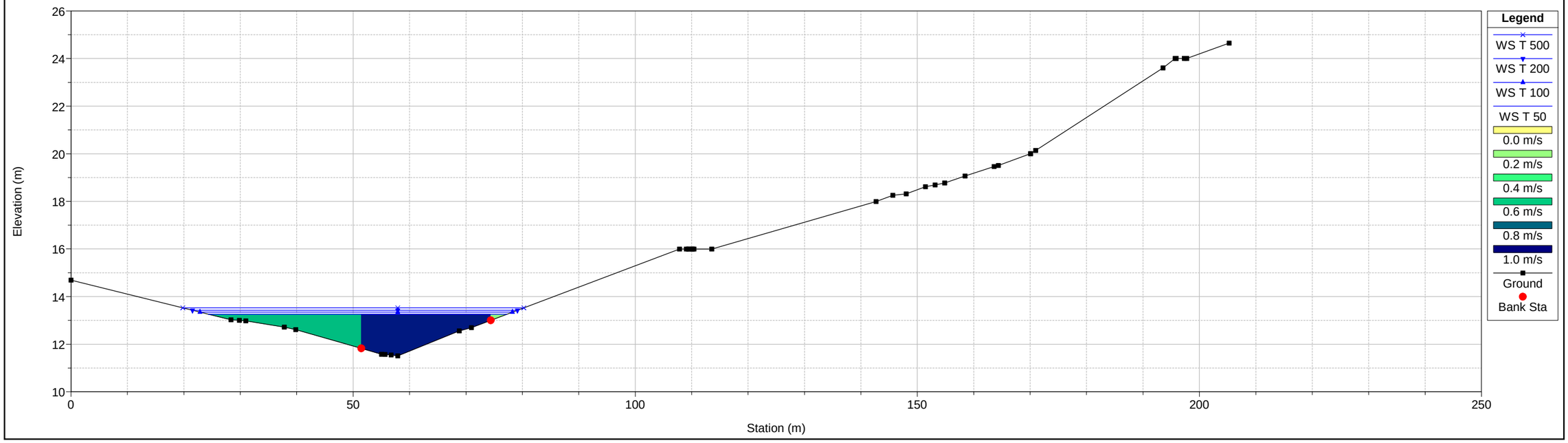
River = Rio_ValdiMela Reach = trcprc RS = 1291



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

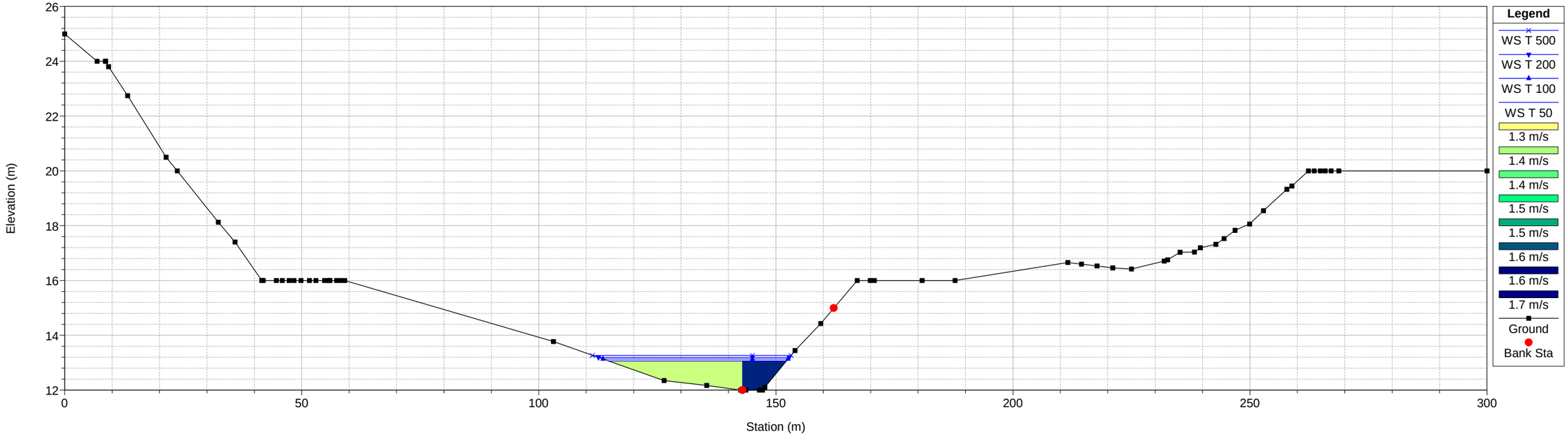
River = Rio_ValdiMela Reach = trcprc RS = 1242



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

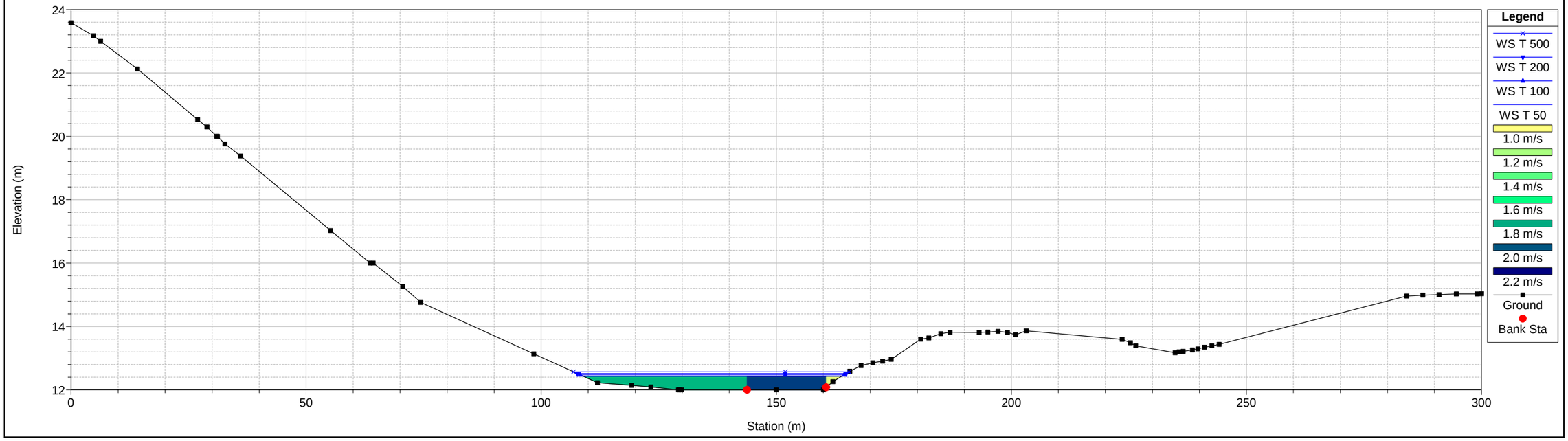
River = Rio_ValdiMela Reach = trcprc RS = 1191



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

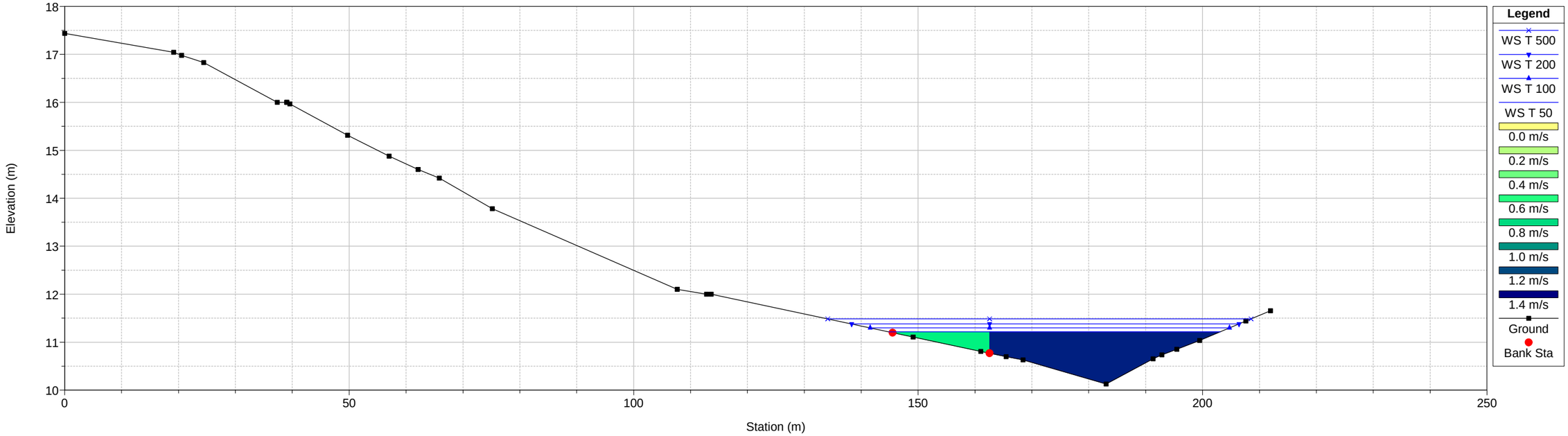
River = Rio_ValdiMela Reach = trcprc RS = 1141



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

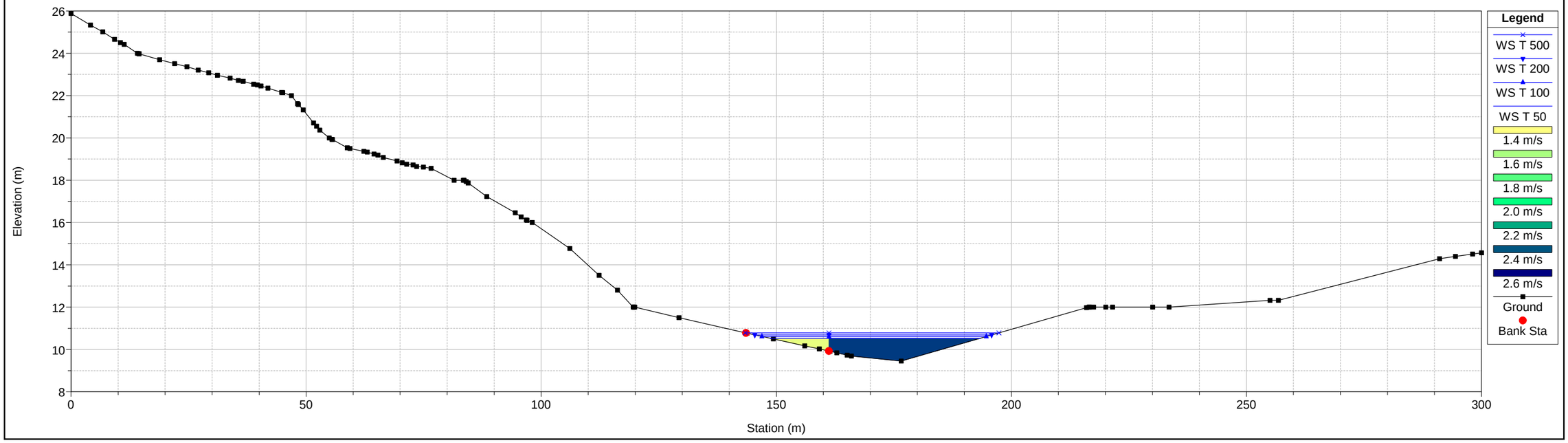
River = Rio_ValdiMela Reach = trcprc RS = 1089



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

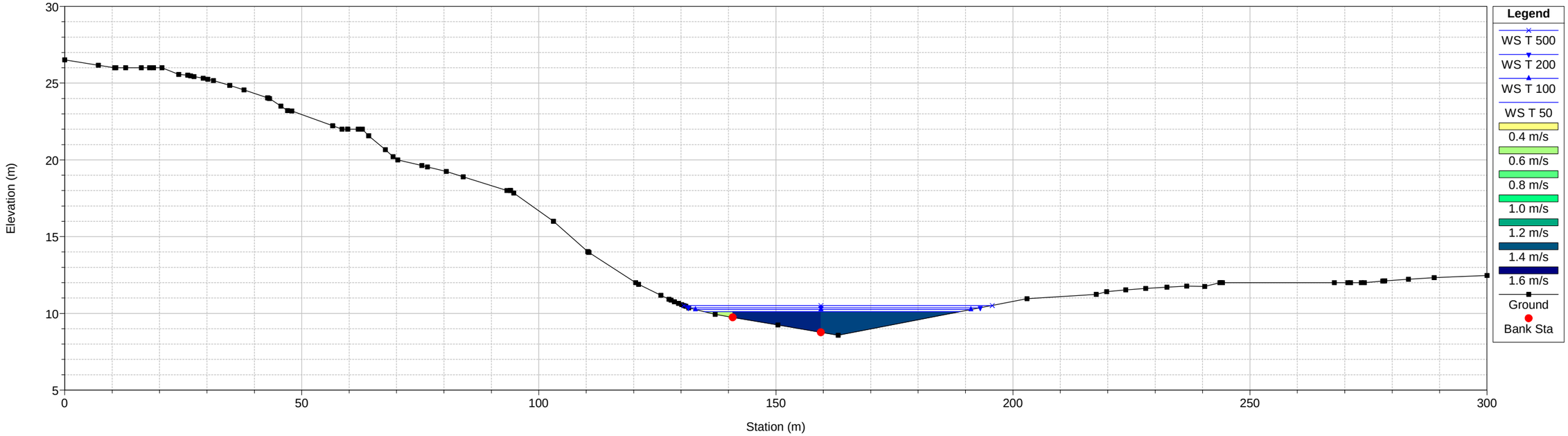
River = Rio_ValdiMela Reach = trcprc RS = 1041



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

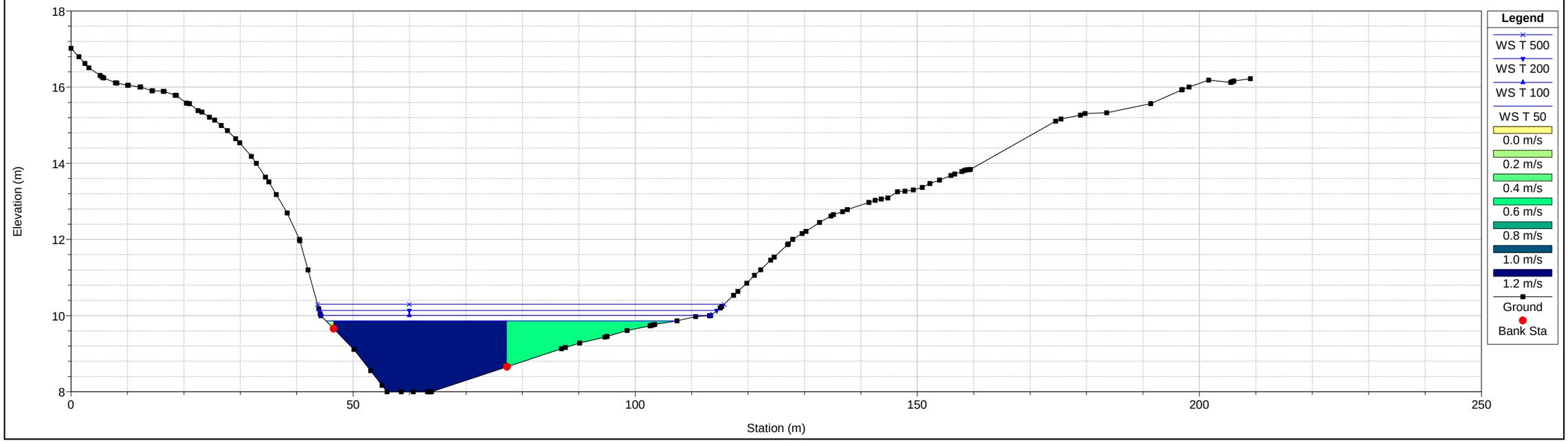
River = Rio_ValdiMela Reach = trcprc RS = 991



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

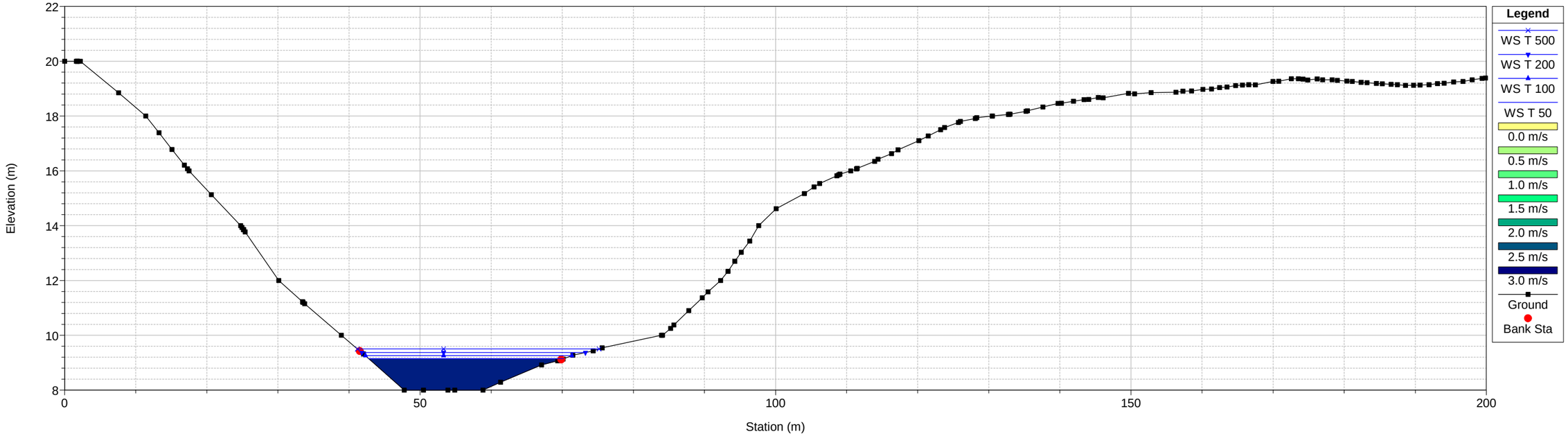
River = Rio_ValdiMela Reach = trcprc RS = 933



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

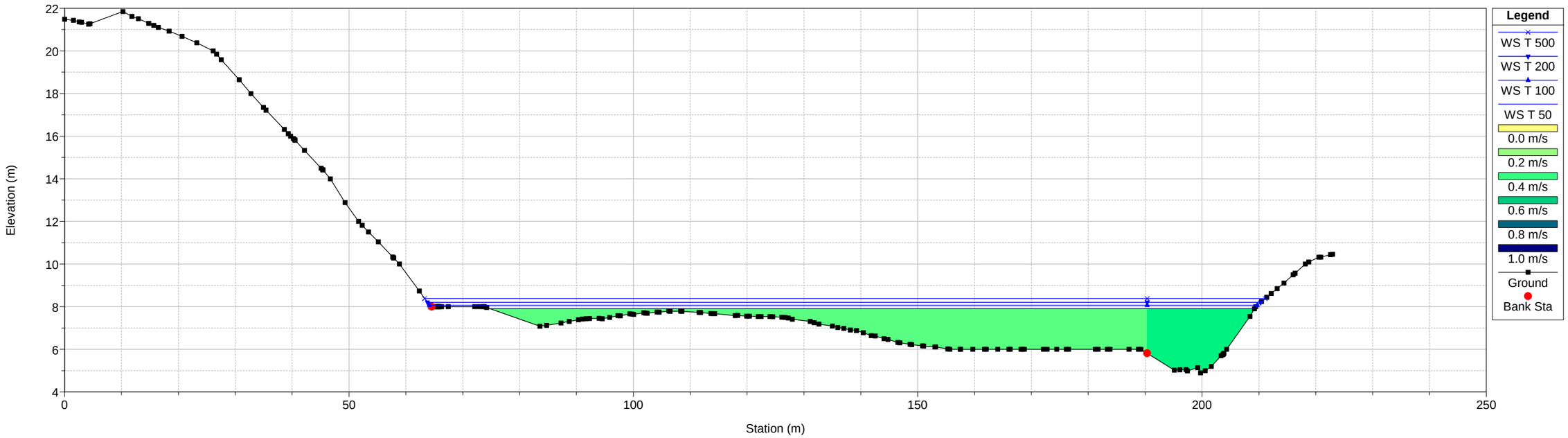
River = Rio_ValdiMela Reach = trcprc RS = 893



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

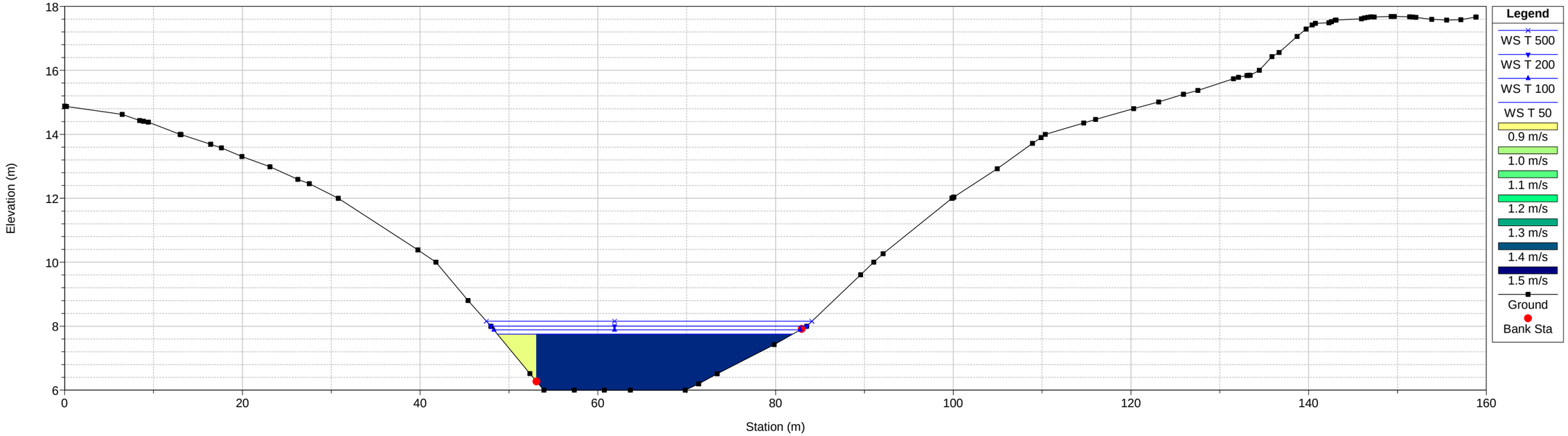
River = Rio_ValdiMela Reach = trcprc RS = 840



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

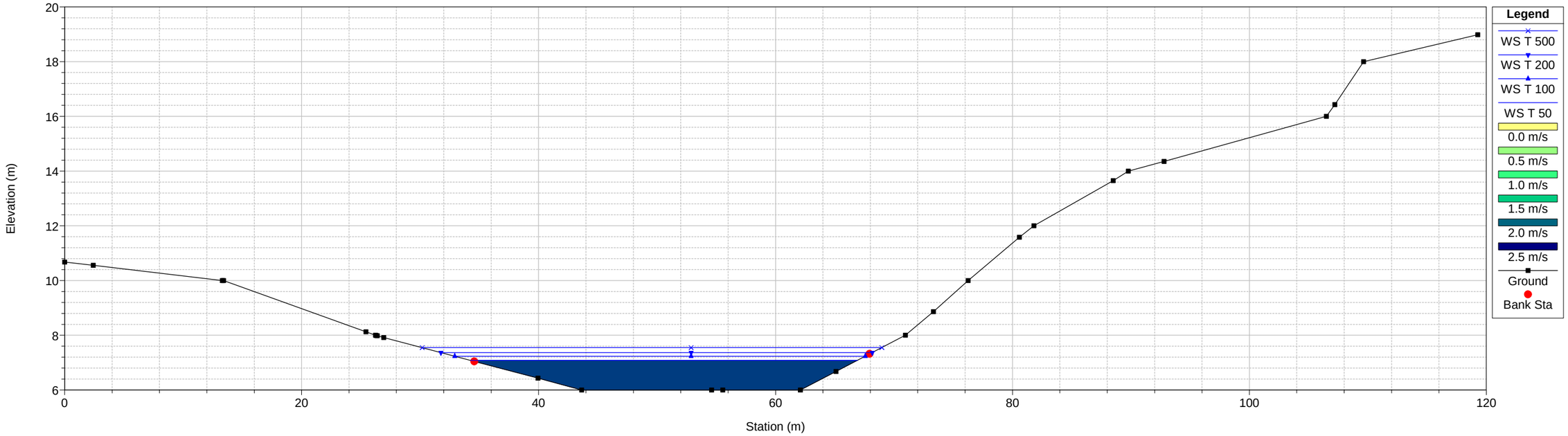
River = Rio_ValdiMela Reach = trcprc RS = 793



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

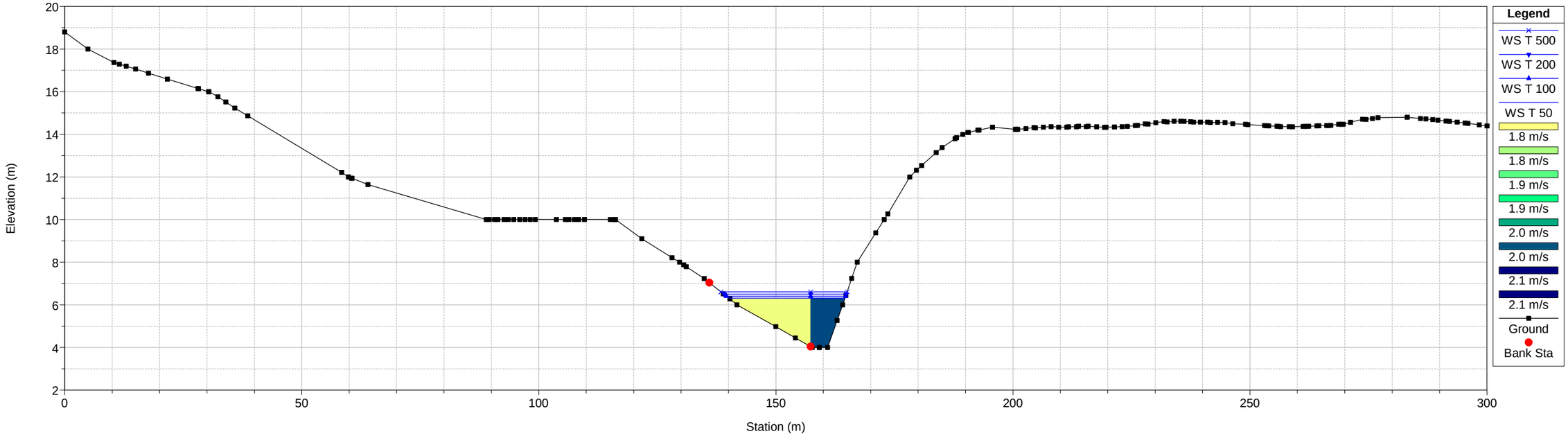
River = Rio_ValdiMela Reach = trcprc RS = 745



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

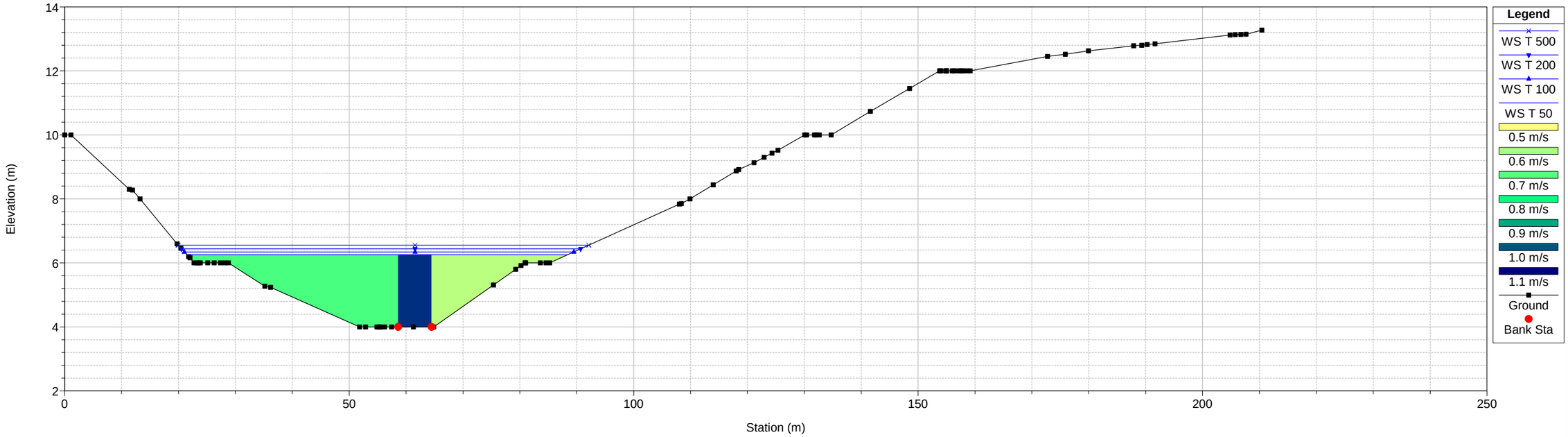
River = Rio_ValdiMela Reach = trcprc RS = 691



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

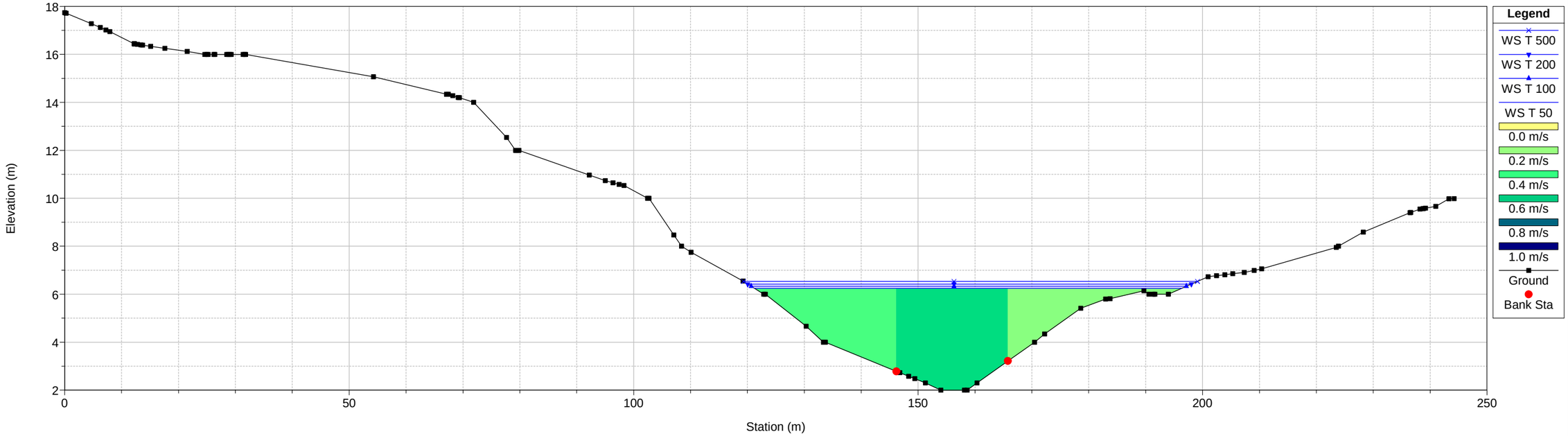
River = Rio_ValdiMela Reach = trcprc RS = 642



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

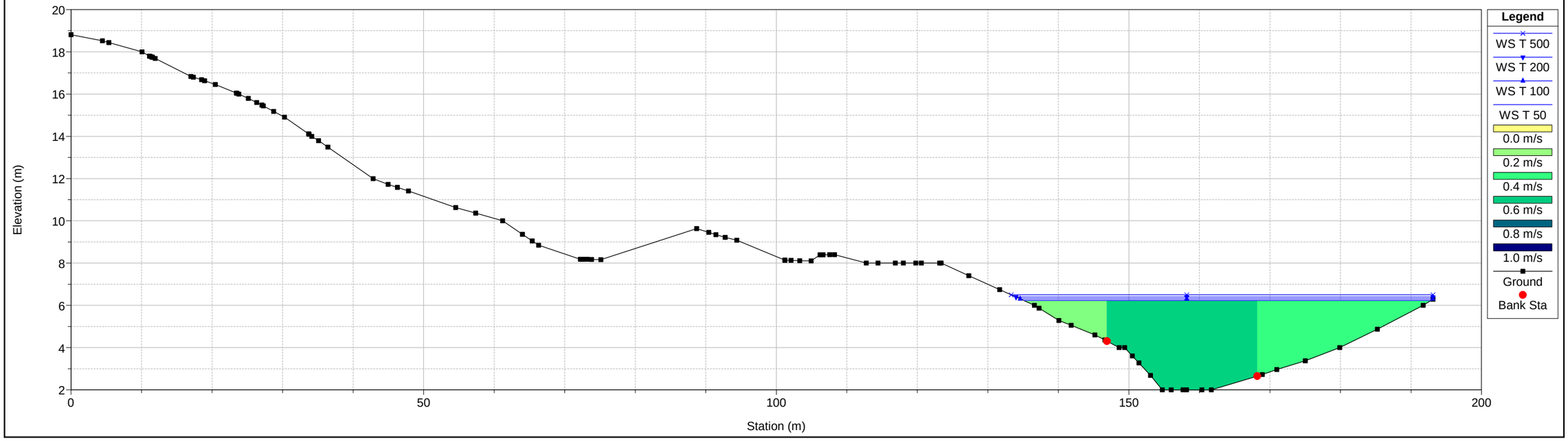
River = Rio_ValdiMela Reach = trcprc RS = 593



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

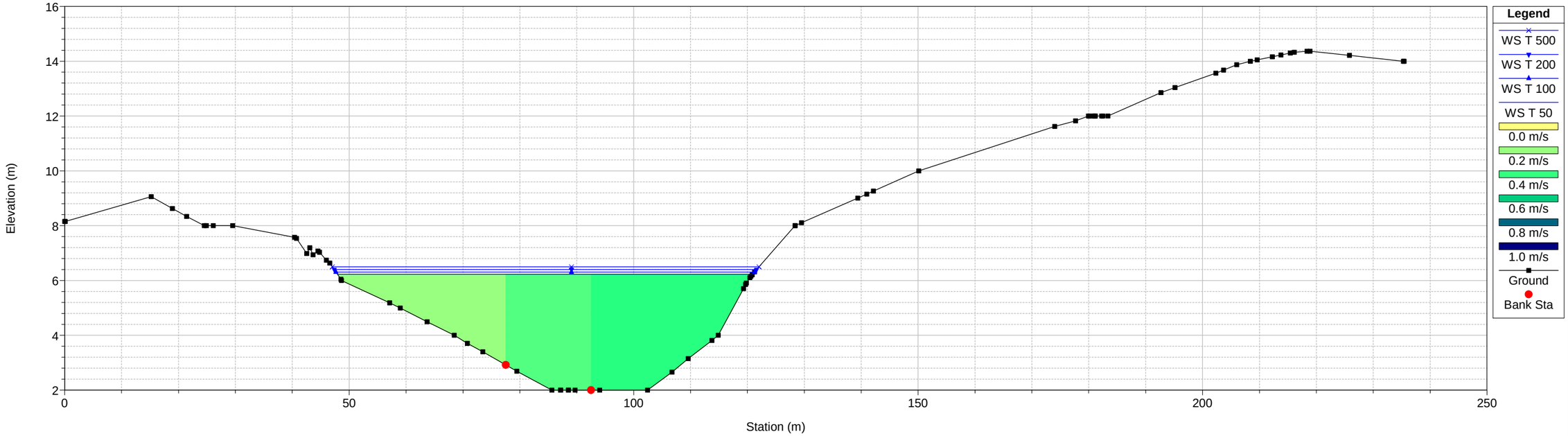
River = Rio_ValdiMela Reach = trcprc RS = 519



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

River = Rio_ValdiMela Reach = trcprc RS = 493

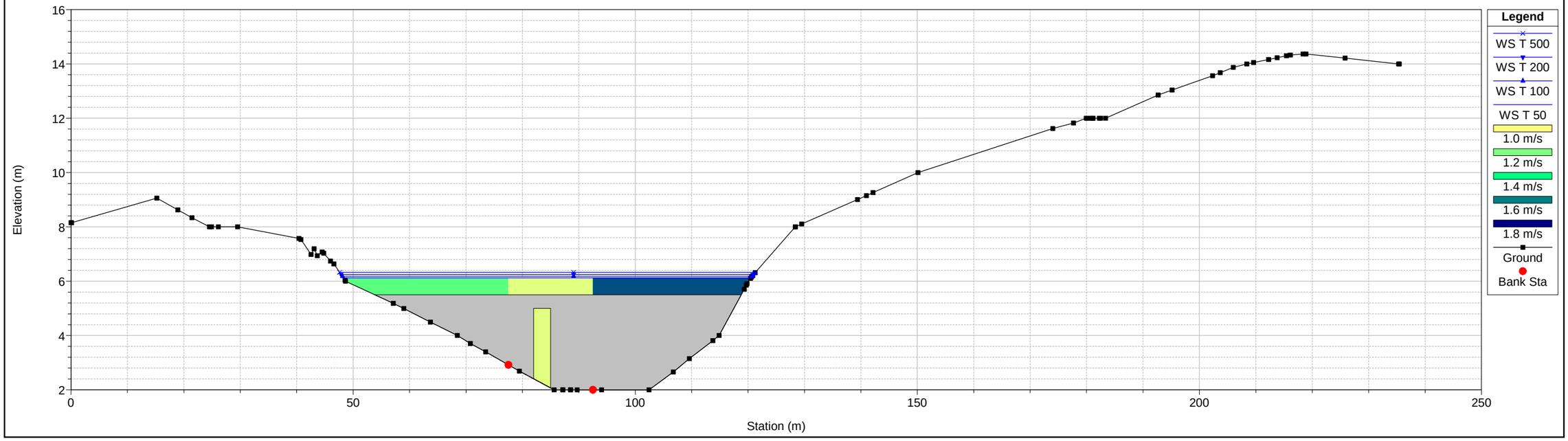


Station (m)

Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

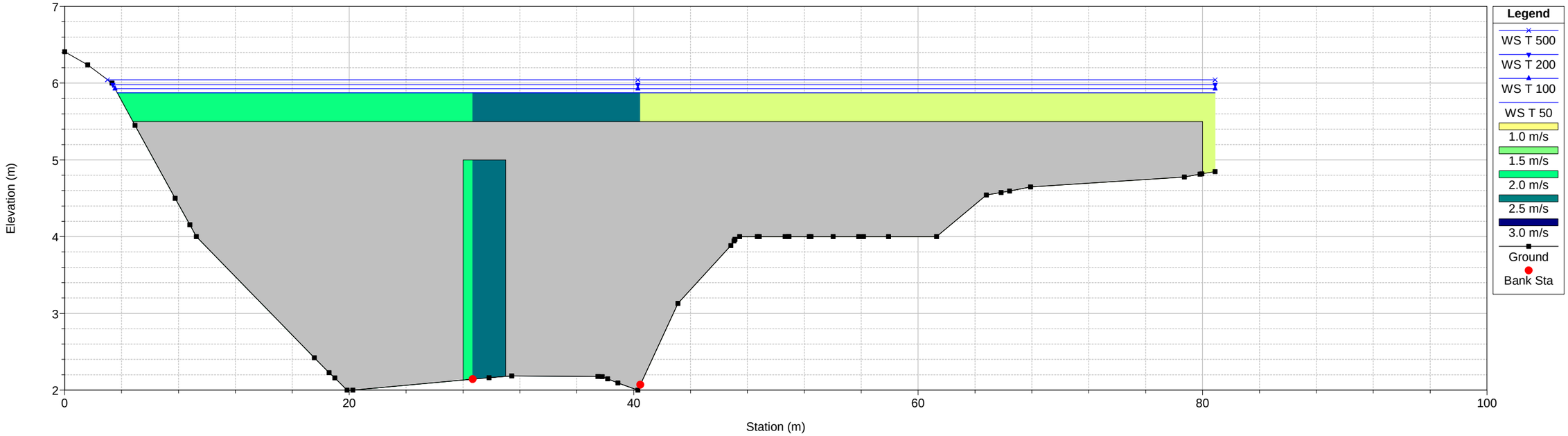
River = Rio_ValdiMela Reach = trcprc RS = 463 BR



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

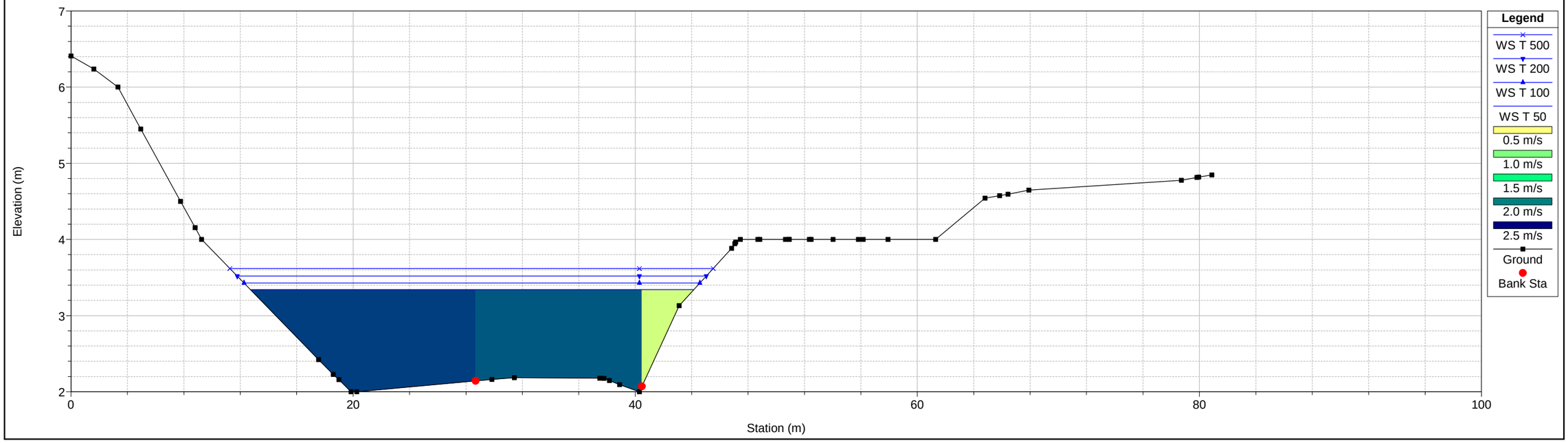
River = Rio_ValdiMela Reach = trcprc RS = 463 BR



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

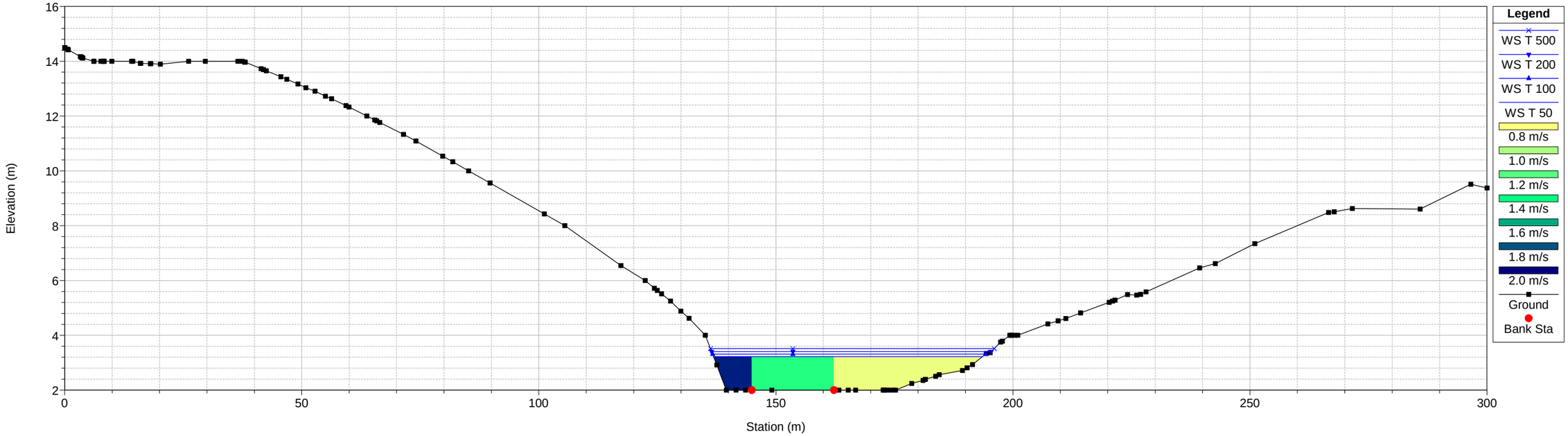
River = Rio_ValdiMela Reach = trcprc RS = 446



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

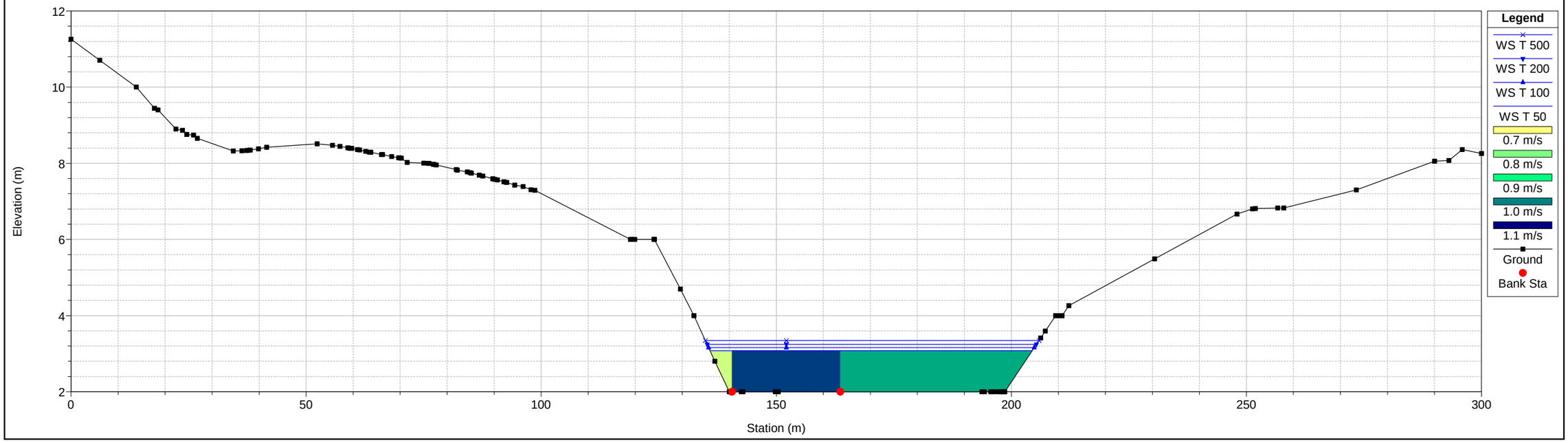
River = Rio_ValdiMela Reach = trcprc RS = 391



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

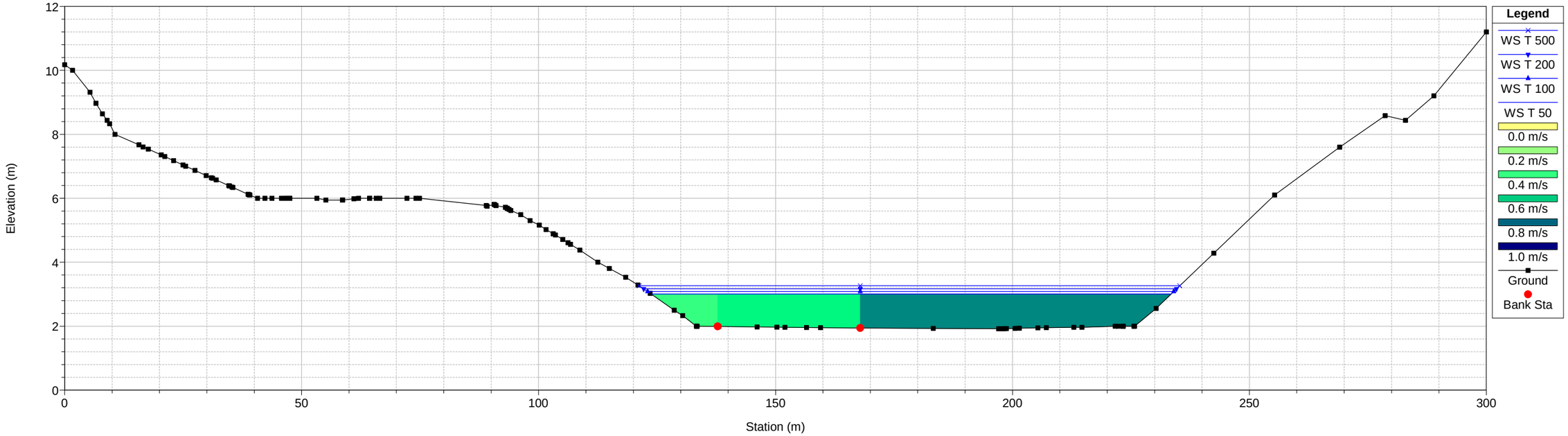
River = Rio_ValdiMela Reach = trcprc RS = 341



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

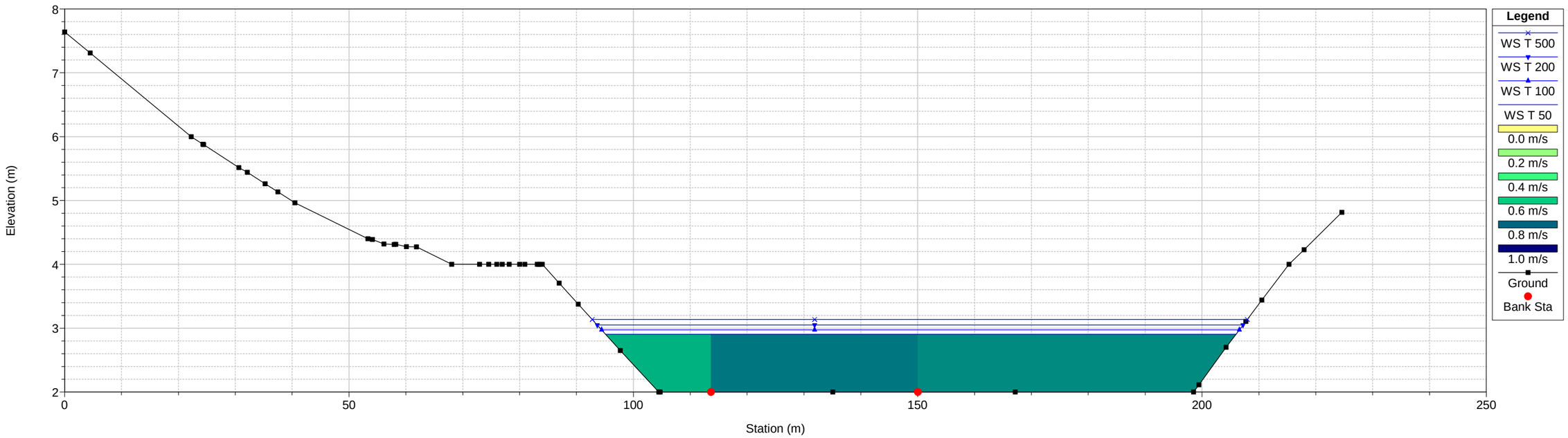
River = Rio_ValdiMela Reach = trcprc RS = 291



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

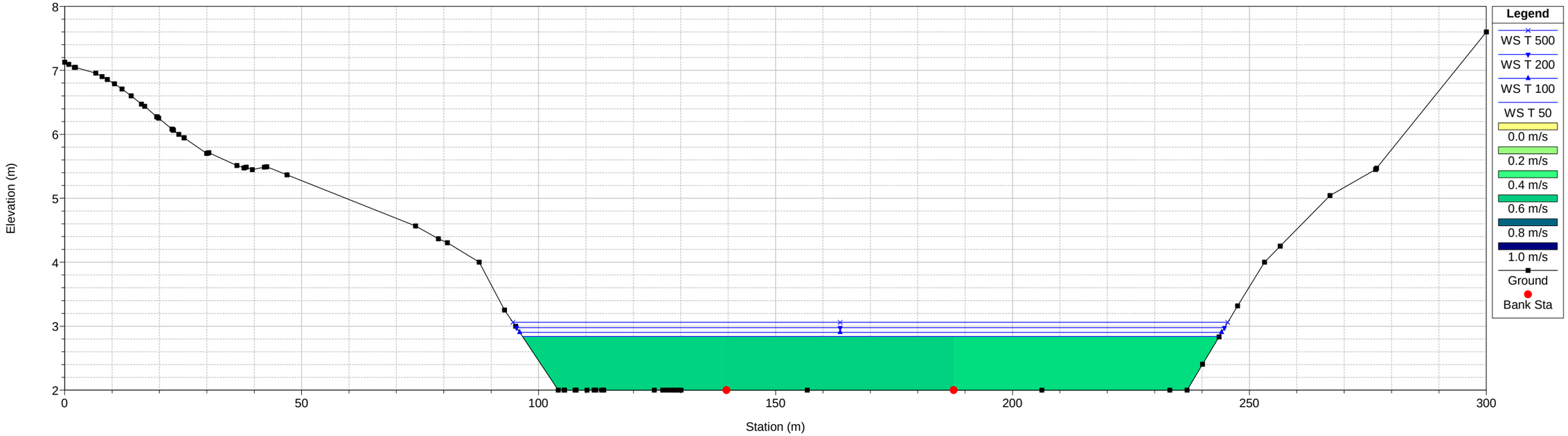
River = Rio_ValdiMela Reach = trcprc RS = 230



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

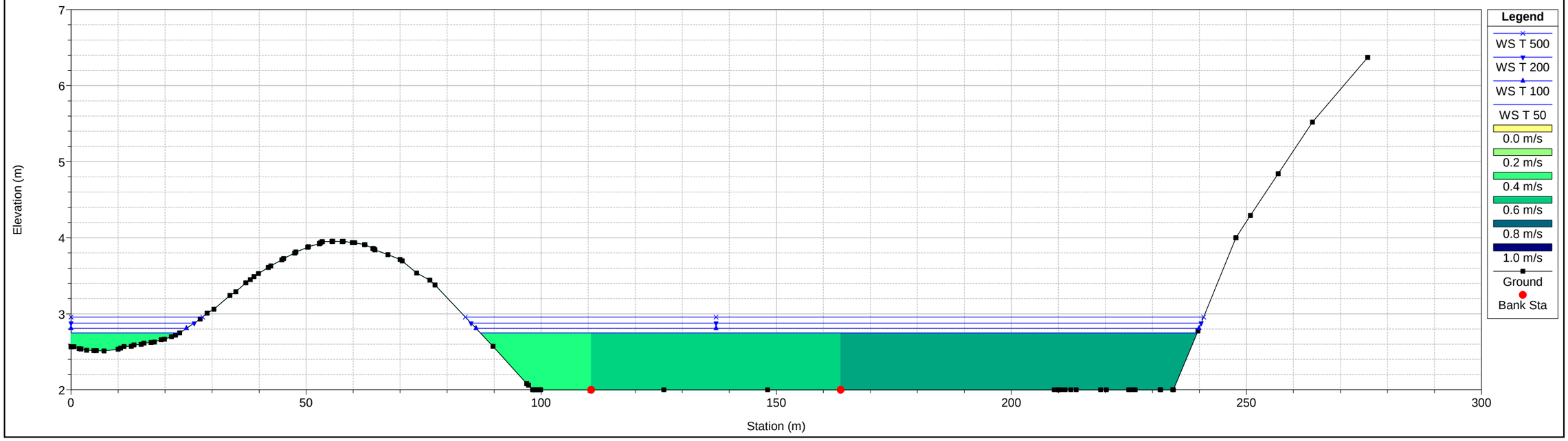
River = Rio_ValdiMela Reach = trcprc RS = 191



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

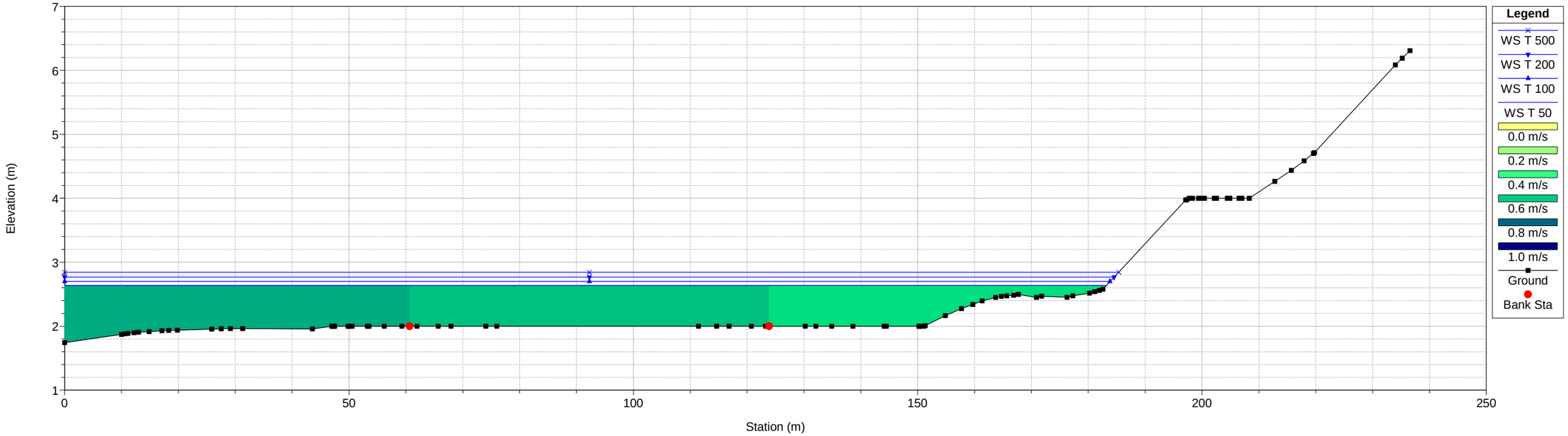
River = Rio_ValdiMela Reach = trcprc RS = 191



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

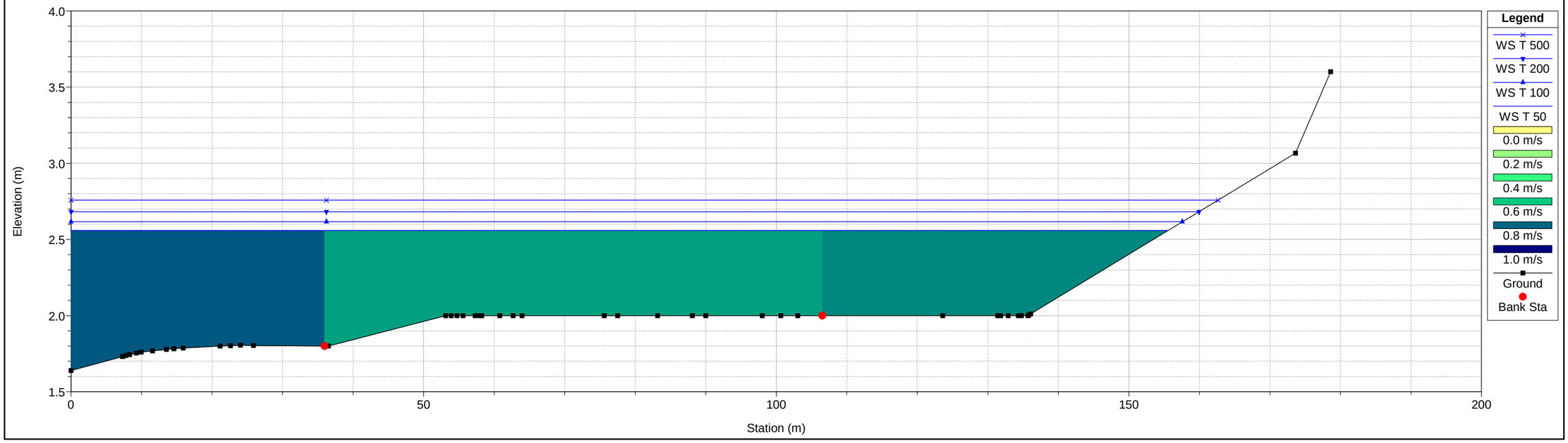
River = Rio_ValdiMela Reach = trcprc RS = 91



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

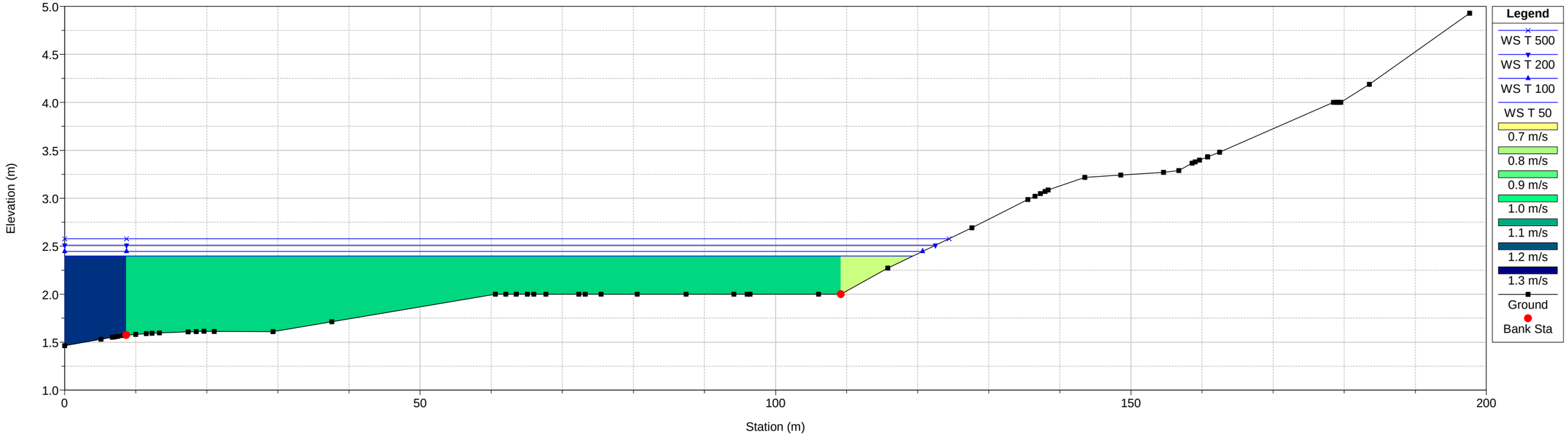
River = Rio_ValdiMela Reach = trcprc RS = 67



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

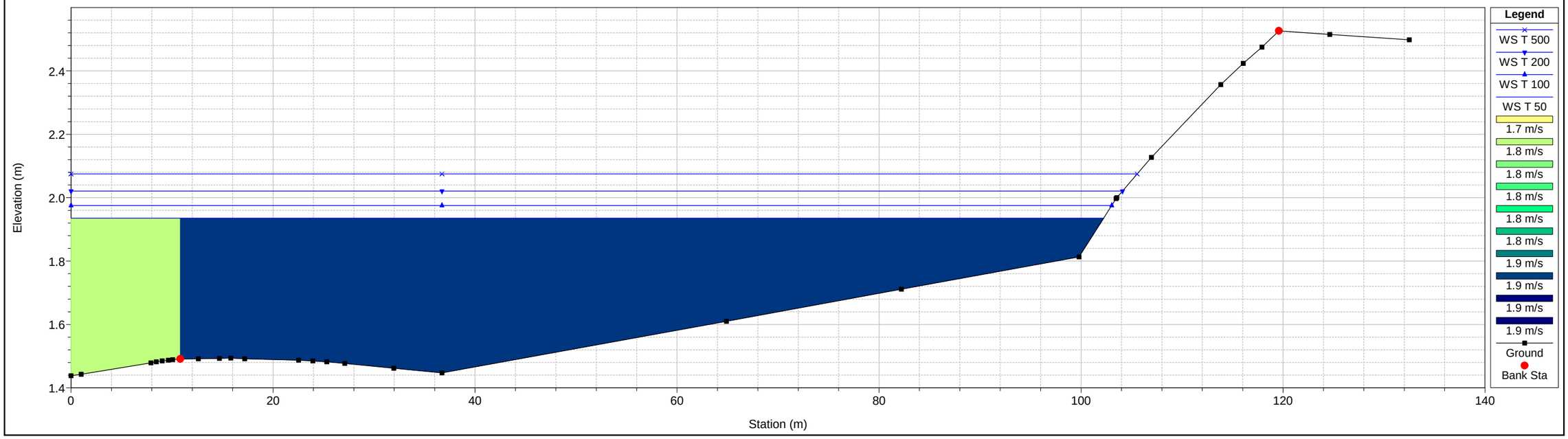
River = Rio_ValdiMela Reach = trcprc RS = 40



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

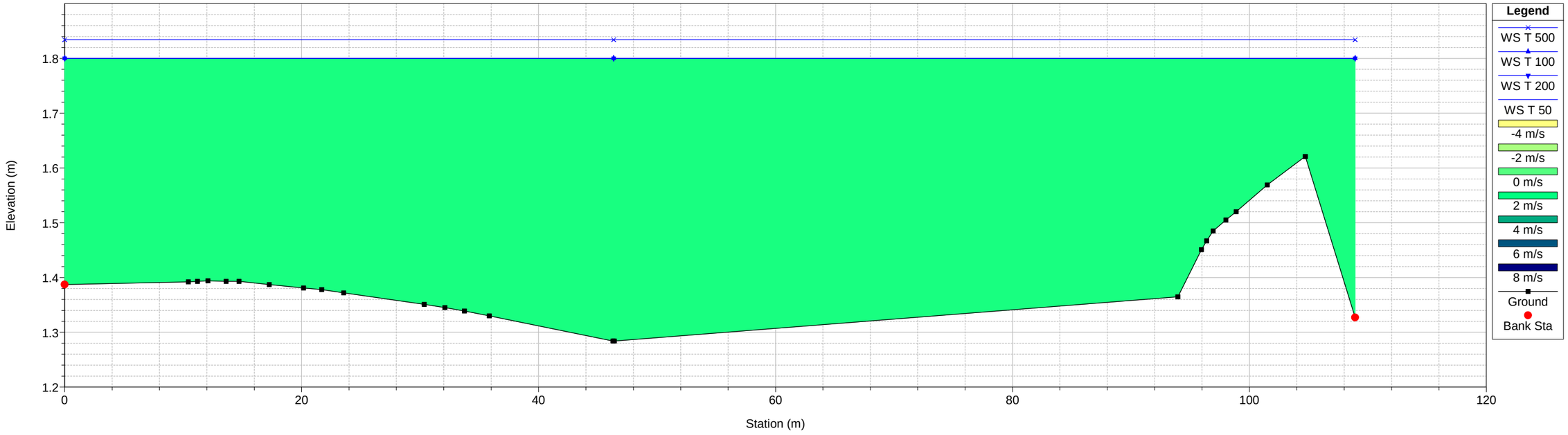
River = Rio_ValdiMela Reach = trcprc RS = 14



Rio Val di Mela Plan: Plan 02

Geom: Rio Val di Mela SI Flow: Flow 01

River = Rio_ValdiMela Reach = trcprc RS = 5



HEC-RAS Plan: Plan 01 River: Rio_ValdiMela Reach: trcprc

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
trcprc	4291	T 50	36.31	173.47	174.49	174.49	174.81	0.055889	2.51	14.45	22.95	1.01
trcprc	4291	T 100	42.94	173.47	174.58	174.58	174.93	0.054584	2.62	16.40	24.02	1.01
trcprc	4291	T 200	49.66	173.47	174.66	174.66	175.03	0.053458	2.71	18.33	25.07	1.01
trcprc	4291	T 500	58.82	173.47	174.75	174.75	175.16	0.052184	2.82	20.89	26.42	1.01
trcprc	4241	T 50	36.31	161.32	162.59	162.59	163.00	0.053714	2.85	12.74	15.70	1.01
trcprc	4241	T 100	42.94	161.32	162.70	162.70	163.14	0.052508	2.96	14.48	16.52	1.01
trcprc	4241	T 200	49.66	161.32	162.80	162.80	163.28	0.051265	3.07	16.20	17.23	1.01
trcprc	4241	T 500	58.82	161.32	162.92	162.92	163.44	0.049945	3.19	18.45	18.13	1.01
trcprc	4191	T 50	36.31	144.00	144.96	144.96	145.25	0.057130	2.40	15.10	25.94	1.01
trcprc	4191	T 100	42.94	144.00	145.04	145.04	145.36	0.055567	2.51	17.13	27.09	1.01
trcprc	4191	T 200	49.66	144.00	145.11	145.11	145.45	0.054985	2.57	19.30	29.02	1.01
trcprc	4191	T 500	58.82	144.00	145.21	145.21	145.57	0.054529	2.66	22.09	31.27	1.01
trcprc	4141	T 50	36.31	136.00	136.70	136.70	137.01	0.057634	2.49	14.59	23.42	1.01
trcprc	4141	T 100	42.94	136.00	136.78	136.78	137.12	0.055852	2.61	16.45	23.98	1.01
trcprc	4141	T 200	49.66	136.00	136.85	136.85	137.23	0.054249	2.72	18.28	24.53	1.00
trcprc	4141	T 500	58.82	136.00	136.95	136.95	137.36	0.052401	2.84	20.68	25.23	1.00
trcprc	4091	T 50	36.31	128.00	129.34	129.34	129.74	0.054169	2.82	12.88	16.23	1.01
trcprc	4091	T 100	42.94	128.00	129.45	129.45	129.88	0.052963	2.92	14.70	17.27	1.01
trcprc	4091	T 200	49.66	128.00	129.55	129.55	130.01	0.051937	3.01	16.49	18.24	1.01
trcprc	4091	T 500	58.82	128.00	129.67	129.67	130.17	0.050821	3.12	18.84	19.41	1.01
trcprc	4016	T 50	36.31	120.00	121.41	121.41	121.88	0.052571	3.02	12.02	13.16	1.01
trcprc	4016	T 100	42.94	120.00	121.53	121.53	122.04	0.051399	3.13	13.70	13.94	1.01
trcprc	4016	T 200	49.66	120.00	121.65	121.65	122.18	0.050407	3.24	15.35	14.66	1.01
trcprc	4016	T 500	58.82	120.00	121.79	121.79	122.37	0.049257	3.36	17.53	15.57	1.01
trcprc	3991	T 50	36.31	116.92	118.47	118.47	118.91	0.053246	2.95	12.29	14.11	1.01
trcprc	3991	T 100	42.94	116.92	118.59	118.59	119.07	0.052248	3.06	14.03	15.06	1.01
trcprc	3991	T 200	49.66	116.92	118.70	118.70	119.21	0.051243	3.15	15.76	15.95	1.01
trcprc	3991	T 500	58.82	116.92	118.84	118.84	119.38	0.050073	3.26	18.04	17.05	1.01
trcprc	3941	T 50	36.31	112.00	113.00	113.00	113.38	0.054099	2.71	13.39	18.02	1.00
trcprc	3941	T 100	42.94	112.00	113.10	113.10	113.51	0.052813	2.82	15.22	18.94	1.00
trcprc	3941	T 200	49.66	112.00	113.20	113.20	113.63	0.051646	2.91	17.05	19.90	1.00
trcprc	3941	T 500	58.82	112.00	113.32	113.32	113.78	0.050311	3.02	19.48	21.12	1.00
trcprc	3891	T 50	36.31	108.00	108.90	108.90	109.21	0.050471	2.50	14.54	23.35	1.01
trcprc	3891	T 100	42.94	108.00	108.99	108.99	109.32	0.048500	2.55	16.84	25.45	1.00
trcprc	3891	T 200	49.66	108.00	109.07	109.07	109.42	0.047762	2.62	18.96	27.24	1.00
trcprc	3891	T 500	58.82	108.00	109.17	109.17	109.54	0.046569	2.72	21.61	28.76	1.00
trcprc	3841	T 50	36.31	102.16	103.12	103.12	103.41	0.046759	2.40	15.14	26.52	1.01
trcprc	3841	T 100	42.94	102.16	103.19	103.19	103.51	0.045866	2.50	17.17	27.57	1.01
trcprc	3841	T 200	49.66	102.16	103.26	103.26	103.60	0.045104	2.60	19.14	28.55	1.01
trcprc	3841	T 500	58.82	102.16	103.36	103.36	103.72	0.043214	2.69	21.90	29.88	1.00
trcprc	3791	T 50	36.31	96.41	97.69	97.69	98.05	0.048596	2.65	13.68	19.50	1.01
trcprc	3791	T 100	42.94	96.41	97.79	97.79	98.17	0.046655	2.73	15.70	20.76	1.00
trcprc	3791	T 200	49.66	96.41	97.88	97.88	98.29	0.045844	2.81	17.68	22.18	1.00
trcprc	3791	T 500	58.82	96.41	97.99	97.99	98.42	0.046250	2.93	20.07	23.83	1.02
trcprc	3741	T 50	36.31	90.24	91.16	91.16	91.51	0.046490	2.66	13.98	20.46	0.99
trcprc	3741	T 100	42.94	90.24	91.25	91.25	91.63	0.045397	2.78	15.79	21.11	0.99
trcprc	3741	T 200	49.66	90.24	91.33	91.33	91.74	0.044450	2.89	17.56	21.73	0.99
trcprc	3741	T 500	58.82	90.24	91.44	91.44	91.89	0.043035	3.00	19.95	22.55	0.99
trcprc	3691	T 50	36.31	84.00	84.58	84.58	84.86	0.048262	2.42	15.70	28.79	1.01
trcprc	3691	T 100	42.94	84.00	84.65	84.65	84.96	0.045941	2.54	17.72	29.25	1.00
trcprc	3691	T 200	49.66	84.00	84.72	84.72	85.05	0.044796	2.67	19.59	29.68	1.01
trcprc	3691	T 500	58.82	84.00	84.80	84.80	85.17	0.043322	2.82	22.05	30.22	1.01
trcprc	3641	T 50	36.31	78.14	79.33	79.33	79.67	0.046710	2.77	14.61	21.61	0.98
trcprc	3641	T 100	42.94	78.14	79.41	79.41	79.78	0.046404	2.90	16.45	22.38	0.99
trcprc	3641	T 200	49.66	78.14	79.49	79.49	79.89	0.046062	3.01	18.25	23.11	1.00
trcprc	3641	T 500	58.82	78.14	79.60	79.60	80.03	0.044621	3.11	20.79	24.17	1.00
trcprc	3591	T 50	36.31	72.00	73.11	73.11	73.56	0.040806	2.96	12.27	13.91	1.01
trcprc	3591	T 100	42.94	72.00	73.23	73.23	73.71	0.039839	3.09	13.91	14.52	1.01
trcprc	3591	T 200	49.66	72.00	73.34	73.34	73.86	0.038905	3.19	15.55	15.10	1.00
trcprc	3591	T 500	58.82	72.00	73.47	73.47	74.04	0.037841	3.35	17.58	15.79	1.01
trcprc	3541	T 50	36.31	68.00	68.94	68.94	69.36	0.044311	2.87	12.64	15.22	1.01
trcprc	3541	T 100	42.94	68.00	69.04	69.04	69.50	0.043039	3.01	14.26	15.61	1.01
trcprc	3541	T 200	49.66	68.00	69.14	69.14	69.64	0.042032	3.14	15.83	15.99	1.01
trcprc	3541	T 500	58.82	68.00	69.26	69.26	69.82	0.040317	3.30	17.83	16.45	1.00
trcprc	3491	T 50	36.31	64.00	65.35		65.43	0.004263	1.22	30.38	28.70	0.36
trcprc	3491	T 100	42.94	64.00	65.46		65.55	0.004487	1.31	33.46	29.59	0.38
trcprc	3491	T 200	49.66	64.00	65.57		65.66	0.004616	1.40	36.62	30.48	0.39

HEC-RAS Plan: Plan 01 River: Rio_ValdiMela Reach: trcprc (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
trcprc	3491	T 500	58.82	64.00	65.69		65.80	0.004782	1.50	40.54	31.56	0.40
trcprc	3449	T 50	36.31	64.00	64.72	64.72	65.04	0.030251	2.58	14.59	23.23	1.03
trcprc	3449	T 100	42.94	64.00	64.80	64.80	65.15	0.028851	2.69	16.55	23.92	1.02
trcprc	3449	T 200	49.66	64.00	64.88	64.88	65.26	0.028355	2.81	18.32	24.53	1.03
trcprc	3449	T 500	58.82	64.00	64.98	64.98	65.39	0.027191	2.94	20.79	25.36	1.03
trcprc	3391	T 50	36.31	60.00	60.75	60.75	61.09	0.027578	2.60	14.02	20.86	1.00
trcprc	3391	T 100	42.94	60.00	60.83	60.83	61.21	0.026591	2.73	15.79	21.35	1.00
trcprc	3391	T 200	49.66	60.00	60.92	60.92	61.33	0.025667	2.85	17.55	21.82	1.00
trcprc	3391	T 500	58.82	60.00	61.02	61.02	61.47	0.024430	2.98	19.91	22.44	0.99
trcprc	3341	T 50	36.31	56.00	57.34	57.34	57.84	0.027406	3.15	11.53	11.59	1.01
trcprc	3341	T 100	42.94	56.00	57.47	57.47	58.02	0.026726	3.28	13.11	12.17	1.01
trcprc	3341	T 200	49.66	56.00	57.59	57.59	58.18	0.026153	3.39	14.66	12.72	1.01
trcprc	3341	T 500	58.82	56.00	57.75	57.75	58.38	0.025512	3.52	16.70	13.42	1.01
trcprc	3291	T 50	36.31	56.00	56.67		56.80	0.011877	1.69	22.53	35.28	0.66
trcprc	3291	T 100	42.94	56.00	56.74		56.89	0.011743	1.80	25.09	35.65	0.67
trcprc	3291	T 200	49.66	56.00	56.81		56.98	0.011542	1.89	27.63	36.01	0.67
trcprc	3291	T 500	58.82	56.00	56.90		57.09	0.011725	2.03	30.57	36.42	0.69
trcprc	3241	T 50	36.31	54.71	55.54	55.54	55.84	0.033162	2.40	14.98	25.52	1.02
trcprc	3241	T 100	42.94	54.71	55.61	55.61	55.95	0.032230	2.55	16.85	26.06	1.03
trcprc	3241	T 200	49.66	54.71	55.68	55.68	56.04	0.031356	2.68	18.67	26.57	1.03
trcprc	3241	T 500	58.82	54.71	55.78	55.78	56.17	0.029775	2.82	21.20	27.28	1.03
trcprc	3191	T 50	36.31	52.00	53.26		53.38	0.006649	1.59	23.40	23.73	0.48
trcprc	3191	T 100	42.94	52.00	53.34		53.49	0.007169	1.73	25.50	24.45	0.50
trcprc	3191	T 200	49.66	52.00	53.42		53.60	0.007633	1.87	27.52	25.11	0.53
trcprc	3191	T 500	58.82	52.00	53.52		53.73	0.008245	2.04	30.06	25.93	0.55
trcprc	3141	T 50	36.31	52.00	52.50	52.50	52.74	0.037475	2.22	16.95	36.03	1.00
trcprc	3141	T 100	42.94	52.00	52.56	52.56	52.82	0.036127	2.34	19.05	36.53	1.00
trcprc	3141	T 200	49.66	52.00	52.61	52.61	52.90	0.035381	2.47	21.02	36.99	1.01
trcprc	3141	T 500	58.82	52.00	52.68	52.68	53.00	0.034251	2.61	23.63	37.58	1.01
trcprc	3091	T 50	36.31	48.00	49.58		49.78	0.010520	2.00	18.41	17.43	0.60
trcprc	3091	T 100	42.94	48.00	49.67		49.91	0.011571	2.17	20.07	18.11	0.63
trcprc	3091	T 200	49.66	48.00	49.76		50.03	0.012362	2.32	21.78	18.82	0.66
trcprc	3091	T 500	58.82	48.00	49.87		50.19	0.013514	2.52	23.88	19.66	0.70
trcprc	3041	T 50	36.31	48.00	48.60	48.60	48.87	0.035922	2.37	15.59	28.59	1.00
trcprc	3041	T 100	42.94	48.00	48.66	48.66	48.97	0.034287	2.50	17.58	29.15	1.00
trcprc	3041	T 200	49.66	48.00	48.73	48.73	49.06	0.033420	2.63	19.44	29.66	1.00
trcprc	3041	T 500	58.82	48.00	48.81	48.81	49.18	0.031618	2.76	22.05	30.36	0.99
trcprc	2991	T 50	36.31	44.29	46.28		46.47	0.012216	1.97	18.39	18.46	0.63
trcprc	2991	T 100	42.94	44.29	46.45		46.64	0.011954	1.97	21.79	21.62	0.63
trcprc	2991	T 200	49.66	44.29	46.58		46.78	0.011370	2.01	24.69	22.87	0.62
trcprc	2991	T 500	58.82	44.29	46.71		46.94	0.011432	2.11	27.89	24.18	0.63
trcprc	2926	T 50	36.31	44.00	45.12	45.03	45.42	0.021968	2.58	15.23	19.11	0.85
trcprc	2926	T 100	42.94	44.00	45.18	45.13	45.55	0.024729	2.83	16.47	19.73	0.90
trcprc	2926	T 200	49.66	44.00	45.24	45.23	45.67	0.027600	3.07	17.59	20.28	0.96
trcprc	2926	T 500	58.82	44.00	45.35	45.35	45.82	0.027418	3.22	19.94	21.38	0.97
trcprc	2902	T 50	36.31	44.00	44.52	44.52	44.75	0.036146	2.23	17.46	40.01	0.99
trcprc	2902	T 100	42.94	44.00	44.58	44.58	44.82	0.034769	2.35	19.82	41.44	0.99
trcprc	2902	T 200	49.66	44.00	44.63	44.63	44.90	0.033748	2.45	22.10	42.87	0.99
trcprc	2902	T 500	58.82	44.00	44.70	44.70	44.99	0.031951	2.57	25.28	44.82	0.98
trcprc	2841	T 50	36.31	40.32	41.40		41.47	0.007125	1.17	32.72	52.07	0.47
trcprc	2841	T 100	42.94	40.32	41.53		41.59	0.005606	1.14	39.34	53.53	0.42
trcprc	2841	T 200	49.66	40.32	41.64		41.71	0.004722	1.13	45.64	54.87	0.40
trcprc	2841	T 500	58.82	40.32	41.79		41.85	0.003997	1.13	53.71	56.55	0.38
trcprc	2791	T 50	36.31	38.73	41.39		41.40	0.000324	0.49	83.09	54.79	0.11
trcprc	2791	T 100	42.94	38.73	41.52		41.53	0.000362	0.53	89.81	56.32	0.12
trcprc	2791	T 200	49.66	38.73	41.63		41.64	0.000397	0.58	96.22	57.73	0.13
trcprc	2791	T 500	58.82	38.73	41.77		41.79	0.000440	0.63	104.52	59.52	0.13
trcprc	2741	T 50	36.31	40.00	41.31		41.36	0.003705	1.05	35.98	32.42	0.31
trcprc	2741	T 100	42.94	40.00	41.42		41.48	0.003875	1.14	39.60	33.29	0.32
trcprc	2741	T 200	49.66	40.00	41.52		41.59	0.004007	1.21	43.03	34.09	0.33
trcprc	2741	T 500	58.82	40.00	41.65		41.73	0.004161	1.31	47.48	35.11	0.34
trcprc	2691	T 50	36.31	40.00	40.59	40.59	40.88	0.051438	2.40	15.10	26.10	1.01
trcprc	2691	T 100	42.94	40.00	40.66	40.66	40.99	0.049806	2.54	16.95	26.40	1.01
trcprc	2691	T 200	49.66	40.00	40.73	40.73	41.09	0.048345	2.66	18.75	26.68	1.01
trcprc	2691	T 500	58.82	40.00	40.81	40.81	41.21	0.046721	2.81	21.09	27.05	1.01
trcprc	2641	T 50	36.31	36.00	37.39		37.59	0.007712	1.98	18.59	19.02	0.61

HEC-RAS Plan: Plan 01 River: Rio_ValdiMela Reach: trcprc (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
trcprc	2641	T 100	42.94	36.00	37.48		37.71	0.008262	2.14	20.39	19.78	0.64
trcprc	2641	T 200	49.66	36.00	37.57		37.83	0.008755	2.29	22.13	20.49	0.67
trcprc	2641	T 500	58.82	36.00	37.67		37.98	0.009406	2.49	24.32	21.34	0.70
trcprc	2591	T 50	36.31	36.00	37.16		37.27	0.004545	1.50	25.77	30.09	0.48
trcprc	2591	T 100	42.94	36.00	37.25		37.37	0.004815	1.61	28.44	31.30	0.50
trcprc	2591	T 200	49.66	36.00	37.33		37.47	0.005028	1.71	31.06	32.46	0.52
trcprc	2591	T 500	58.82	36.00	37.43		37.59	0.005293	1.84	34.43	33.89	0.54
trcprc	2541	T 50	36.31	36.00	36.95		37.04	0.004454	1.37	27.59	33.07	0.46
trcprc	2541	T 100	42.94	36.00	37.02		37.13	0.004859	1.50	29.93	33.69	0.49
trcprc	2541	T 200	49.66	36.00	37.09		37.21	0.005163	1.61	32.29	34.29	0.51
trcprc	2541	T 500	58.82	36.00	37.17		37.32	0.005597	1.75	35.17	35.01	0.54
trcprc	2491	T 50	36.31	36.00	36.39	36.39	36.59	0.027798	1.96	18.73	49.44	1.01
trcprc	2491	T 100	42.94	36.00	36.44	36.44	36.65	0.026789	2.07	21.00	49.89	1.01
trcprc	2491	T 200	49.66	36.00	36.48	36.48	36.72	0.025944	2.18	23.19	50.32	1.01
trcprc	2491	T 500	58.82	36.00	36.54	36.54	36.80	0.025005	2.30	26.05	50.87	1.01
trcprc	2441	T 50	36.31	32.00	33.33		33.47	0.005327	1.74	23.06	26.77	0.52
trcprc	2441	T 100	42.94	32.00	33.43		33.59	0.005528	1.85	25.77	28.17	0.54
trcprc	2441	T 200	49.66	32.00	33.52		33.70	0.005689	1.95	28.42	29.47	0.55
trcprc	2441	T 500	58.82	32.00	33.64		33.83	0.005866	2.07	31.89	31.10	0.57
trcprc	2391	T 50	36.31	32.00	33.15		33.23	0.003698	1.39	28.97	35.15	0.43
trcprc	2391	T 100	42.94	32.00	33.24		33.34	0.003775	1.47	32.45	36.86	0.44
trcprc	2391	T 200	49.66	32.00	33.34		33.44	0.003815	1.55	35.91	38.49	0.45
trcprc	2391	T 500	58.82	32.00	33.45		33.57	0.003846	1.64	40.49	40.54	0.46
trcprc	2341	T 50	36.31	31.72	33.14		33.16	0.000547	0.60	66.66	65.17	0.17
trcprc	2341	T 100	42.94	31.72	33.24		33.26	0.000577	0.65	73.24	66.83	0.18
trcprc	2341	T 200	49.66	31.72	33.34		33.36	0.000600	0.69	79.65	68.40	0.18
trcprc	2341	T 500	58.82	31.72	33.46		33.48	0.000627	0.75	87.96	70.39	0.19
trcprc	2291	T 50	36.31	32.00	33.05		33.10	0.002544	1.08	34.41	36.21	0.35
trcprc	2291	T 100	42.94	32.00	33.13		33.20	0.002679	1.17	37.65	36.78	0.36
trcprc	2291	T 200	49.66	32.00	33.22		33.30	0.002775	1.25	40.80	37.33	0.37
trcprc	2291	T 500	58.82	32.00	33.33		33.42	0.002894	1.36	44.82	38.02	0.38
trcprc	2241	T 50	36.31	32.00	32.52	32.52	32.77	0.034893	2.09	16.53	33.15	0.94
trcprc	2241	T 100	42.94	32.00	32.58	32.58	32.86	0.033437	2.20	18.59	33.50	0.94
trcprc	2241	T 200	49.66	32.00	32.64	32.64	32.94	0.032793	2.31	20.48	33.81	0.94
trcprc	2241	T 500	58.82	32.00	32.71	32.71	33.05	0.031712	2.44	23.02	34.23	0.94
trcprc	2191	T 50	36.31	28.00	29.50	29.42	29.81	0.022792	2.53	14.95	18.70	0.83
trcprc	2191	T 100	42.94	28.00	29.60	29.53	29.94	0.023152	2.65	16.88	19.83	0.84
trcprc	2191	T 200	49.66	28.00	29.70	29.63	30.06	0.023451	2.76	18.75	20.88	0.85
trcprc	2191	T 500	58.82	28.00	29.81	29.74	30.21	0.023743	2.89	21.21	22.18	0.86
trcprc	2141	T 50	36.31	28.00	29.14		29.23	0.005855	1.39	27.21	31.20	0.44
trcprc	2141	T 100	42.94	28.00	29.22		29.33	0.006211	1.50	29.96	32.29	0.45
trcprc	2141	T 200	49.66	28.00	29.30		29.43	0.006533	1.59	32.59	33.33	0.47
trcprc	2141	T 500	58.82	28.00	29.40		29.54	0.006931	1.71	36.00	34.80	0.49
trcprc	2094	T 50	36.31	27.89	28.94		29.02	0.004294	1.31	29.17	36.91	0.45
trcprc	2094	T 100	42.94	27.89	29.01		29.11	0.004599	1.42	31.93	37.90	0.47
trcprc	2094	T 200	49.66	27.89	29.08		29.19	0.004868	1.51	34.59	38.83	0.49
trcprc	2094	T 500	58.82	27.89	29.17		29.29	0.005185	1.63	38.02	39.99	0.51
trcprc	2041	T 50	36.31	28.00	28.80		28.84	0.002314	0.92	40.88	54.21	0.33
trcprc	2041	T 100	42.94	28.00	28.87		28.92	0.002462	1.00	44.53	54.74	0.34
trcprc	2041	T 200	49.66	28.00	28.93		28.99	0.002586	1.08	48.04	55.25	0.36
trcprc	2041	T 500	58.82	28.00	29.01		29.08	0.002730	1.17	52.54	55.89	0.37
trcprc	1990	T 50	36.31	28.00	28.38	28.38	28.56	0.027693	1.93	19.21	53.04	1.00
trcprc	1990	T 100	42.94	28.00	28.42	28.42	28.62	0.026298	2.03	21.64	53.52	1.00
trcprc	1990	T 200	49.66	28.00	28.46	28.46	28.69	0.025835	2.13	23.81	53.94	1.00
trcprc	1990	T 500	58.82	28.00	28.52	28.52	28.77	0.024882	2.26	26.75	54.50	1.00
trcprc	1954	T 50	36.31	25.80	26.59	26.59	26.84	0.024715	2.23	16.29	33.00	1.01
trcprc	1954	T 100	42.94	25.80	26.65	26.65	26.93	0.024070	2.33	18.40	33.91	1.01
trcprc	1954	T 200	49.66	25.80	26.72	26.72	27.01	0.023077	2.41	20.59	34.83	1.00
trcprc	1954	T 500	58.82	25.80	26.79	26.79	27.12	0.022666	2.53	23.23	35.91	1.00
trcprc	1883	T 50	36.31	24.00	25.04	24.65	25.15	0.004729	1.42	25.65	29.07	0.48
trcprc	1883	T 100	42.94	24.00	25.12	24.73	25.24	0.005037	1.54	28.06	29.83	0.50
trcprc	1883	T 200	49.66	24.00	25.20	24.80	25.34	0.005386	1.65	30.21	30.50	0.52
trcprc	1883	T 500	58.82	24.00	25.29	24.89	25.45	0.005814	1.80	32.98	31.33	0.55
trcprc	1840	T 50	36.31	24.00	24.51	24.51	24.74	0.025054	2.19	17.17	37.33	1.00
trcprc	1840	T 100	42.94	24.00	24.56	24.56	24.82	0.024121	2.30	19.35	38.10	0.99
trcprc	1840	T 200	49.66	24.00	24.62	24.62	24.90	0.023335	2.40	21.47	38.84	0.99
trcprc	1840	T 500	58.82	24.00	24.69	24.69	25.00	0.022469	2.53	24.25	39.78	0.99

HEC-RAS Plan: Plan 01 River: Rio_ValdiMela Reach: trcprc (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
trcprc	1799	T 50	36.31	21.79	23.96		23.97	0.000287	0.54	73.40	58.06	0.13
trcprc	1799	T 100	42.94	21.79	24.02		24.04	0.000353	0.61	76.87	59.21	0.15
trcprc	1799	T 200	49.66	21.79	24.08		24.10	0.000420	0.68	80.24	60.08	0.16
trcprc	1799	T 500	58.82	21.79	24.15		24.17	0.000509	0.77	84.56	61.18	0.18
trcprc	1741	T 50	36.31	23.43	23.76	23.76	23.91	0.028888	1.73	21.77	74.84	0.99
trcprc	1741	T 100	42.94	23.43	23.80	23.80	23.96	0.028342	1.84	24.36	75.87	1.00
trcprc	1741	T 200	49.66	23.43	23.83	23.83	24.01	0.028075	1.94	26.80	76.83	1.01
trcprc	1741	T 500	58.82	23.43	23.87	23.87	24.07	0.027233	2.06	30.14	78.12	1.01
trcprc	1689	T 50	36.31	18.00	20.76	19.15	20.79	0.000659	0.75	48.77	33.50	0.19
trcprc	1689	T 100	42.94	18.00	20.85	19.27	20.89	0.000772	0.83	51.88	35.49	0.21
trcprc	1689	T 200	49.66	18.00	20.94	19.38	20.98	0.000876	0.91	55.06	37.41	0.23
trcprc	1689	T 500	58.82	18.00	21.06	19.52	21.11	0.000997	1.01	59.53	39.95	0.24
trcprc	1668		Bridge									
trcprc	1641	T 50	36.31	18.00	20.56		20.58	0.000632	0.63	57.78	56.21	0.19
trcprc	1641	T 100	42.94	18.00	20.63		20.65	0.000751	0.71	61.41	58.02	0.21
trcprc	1641	T 200	49.66	18.00	20.69		20.72	0.000867	0.78	64.92	59.59	0.22
trcprc	1641	T 500	58.82	18.00	20.76		20.80	0.001015	0.86	69.46	61.35	0.24
trcprc	1593	T 50	36.31	20.00	20.33	20.33	20.48	0.029150	1.82	21.09	69.20	1.01
trcprc	1593	T 100	42.94	20.00	20.37	20.37	20.54	0.028419	1.93	23.64	70.24	1.01
trcprc	1593	T 200	49.66	20.00	20.40	20.40	20.59	0.027685	2.02	26.14	71.25	1.01
trcprc	1593	T 500	58.82	20.00	20.45	20.45	20.65	0.026810	2.14	29.43	72.55	1.02
trcprc	1541	T 50	36.31	18.11	18.57	18.57	18.75	0.027669	2.12	19.60	55.88	1.03
trcprc	1541	T 100	42.94	18.11	18.62	18.62	18.81	0.026947	2.23	22.09	57.38	1.03
trcprc	1541	T 200	49.66	18.11	18.66	18.66	18.87	0.026274	2.33	24.53	58.82	1.03
trcprc	1541	T 500	58.82	18.11	18.72	18.72	18.95	0.024856	2.43	27.96	60.80	1.02
trcprc	1491	T 50	36.31	16.00	17.03		17.13	0.005235	1.64	27.90	40.43	0.52
trcprc	1491	T 100	42.94	16.00	17.11		17.22	0.005366	1.75	31.17	42.18	0.53
trcprc	1491	T 200	49.66	16.00	17.19		17.30	0.005477	1.84	34.33	43.80	0.54
trcprc	1491	T 500	58.82	16.00	17.28		17.41	0.005603	1.96	38.45	45.83	0.55
trcprc	1441	T 50	36.31	16.00	16.83		16.89	0.003578	1.07	32.57	42.33	0.40
trcprc	1441	T 100	42.94	16.00	16.90		16.97	0.003828	1.16	35.46	42.84	0.42
trcprc	1441	T 200	49.66	16.00	16.96		17.05	0.004064	1.25	38.17	43.31	0.44
trcprc	1441	T 500	58.82	16.00	17.04		17.14	0.004362	1.36	41.59	43.90	0.46
trcprc	1391	T 50	36.31	16.00	16.55		16.63	0.008284	1.36	28.27	56.26	0.58
trcprc	1391	T 100	42.94	16.00	16.60		16.70	0.008573	1.46	31.12	57.14	0.60
trcprc	1391	T 200	49.66	16.00	16.65		16.76	0.008898	1.57	33.76	57.93	0.62
trcprc	1391	T 500	58.82	16.00	16.71		16.83	0.009163	1.69	37.30	58.99	0.64
trcprc	1344	T 50	36.31	15.36	15.79	15.79	15.96	0.027012	1.93	19.89	58.16	1.00
trcprc	1344	T 100	42.94	15.36	15.83	15.83	16.02	0.025877	2.04	22.61	60.45	0.99
trcprc	1344	T 200	49.66	15.36	15.87	15.87	16.08	0.025419	2.15	25.13	62.50	1.00
trcprc	1344	T 500	58.82	15.36	15.93	15.93	16.15	0.024110	2.26	28.74	65.25	0.99
trcprc	1291	T 50	36.31	13.73	14.06	14.06	14.32	0.022778	0.99	16.48	33.64	0.79
trcprc	1291	T 100	42.94	13.73	14.13	14.13	14.40	0.021941	1.11	18.96	36.15	0.80
trcprc	1291	T 200	49.66	13.73	14.19	14.19	14.48	0.021529	1.22	21.38	38.61	0.81
trcprc	1291	T 500	58.82	13.73	14.28	14.28	14.58	0.019998	1.33	25.08	42.05	0.81
trcprc	1242	T 50	36.31	11.51	13.26		13.30	0.001467	0.95	44.25	52.91	0.28
trcprc	1242	T 100	42.94	11.51	13.34		13.39	0.001545	1.02	49.01	55.38	0.29
trcprc	1242	T 200	49.66	11.51	13.42		13.47	0.001627	1.09	53.46	57.59	0.30
trcprc	1242	T 500	58.82	11.51	13.53		13.58	0.001706	1.17	59.45	60.45	0.31
trcprc	1191	T 50	36.31	12.00	13.06		13.16	0.006179	1.58	25.95	37.51	0.57
trcprc	1191	T 100	42.94	12.00	13.13		13.25	0.006542	1.69	28.67	39.01	0.60
trcprc	1191	T 200	49.66	12.00	13.19		13.32	0.007029	1.80	31.01	40.26	0.62
trcprc	1191	T 500	58.82	12.00	13.27	13.00	13.42	0.007492	1.92	34.23	41.92	0.65
trcprc	1141	T 50	36.31	12.00	12.43	12.43	12.61	0.026706	2.06	19.56	54.96	1.01
trcprc	1141	T 100	42.94	12.00	12.47	12.47	12.67	0.025688	2.16	22.06	56.13	1.00
trcprc	1141	T 200	49.66	12.00	12.51	12.51	12.73	0.024994	2.25	24.45	57.21	1.00
trcprc	1141	T 500	58.82	12.00	12.57	12.57	12.81	0.024320	2.37	27.54	58.59	1.01
trcprc	1089	T 50	36.31	10.77	11.22		11.30	0.006530	0.74	29.36	58.26	0.49
trcprc	1089	T 100	42.94	10.77	11.30		11.38	0.006003	0.83	34.36	63.18	0.47
trcprc	1089	T 200	49.66	10.77	11.38		11.46	0.005461	0.91	39.72	68.08	0.46
trcprc	1089	T 500	58.82	10.77	11.48		11.57	0.004845	0.99	47.24	74.40	0.45
trcprc	1041	T 50	61.00	9.92	10.53	10.53	10.82	0.019788	1.46	26.31	44.64	0.84
trcprc	1041	T 100	73.00	9.92	10.61	10.61	10.93	0.019364	1.65	30.22	47.71	0.90
trcprc	1041	T 200	85.00	9.92	10.69	10.69	11.02	0.019312	1.81	33.82	50.37	0.93
trcprc	1041	T 500	102.00	9.92	10.78	10.78	11.15	0.018939	1.97	38.98	53.93	0.95

HEC-RAS Plan: Plan 01 River: Rio_ValdiMela Reach: trcprc (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
trcprc	991	T 50	61.00	8.77	10.12		10.22	0.005214	1.51	42.30	54.12	0.52
trcprc	991	T 100	73.00	8.77	10.25		10.36	0.004793	1.58	49.79	58.13	0.51
trcprc	991	T 200	85.00	8.77	10.36		10.48	0.004563	1.65	56.70	61.53	0.50
trcprc	991	T 500	102.00	8.77	10.52		10.64	0.004260	1.73	66.37	65.05	0.49
trcprc	933	T 50	61.00	8.00	9.86		9.92	0.003352	1.15	60.93	62.34	0.31
trcprc	933	T 100	73.00	8.00	10.01		10.07	0.003342	1.22	70.29	69.17	0.31
trcprc	933	T 200	85.00	8.00	10.13		10.20	0.003280	1.27	79.02	70.47	0.31
trcprc	933	T 500	102.00	8.00	10.30		10.37	0.003190	1.33	90.82	72.04	0.31
trcprc	893	T 50	61.00	8.00	9.15	9.15	9.56	0.045956	2.82	21.61	27.45	1.01
trcprc	893	T 100	73.00	8.00	9.26	9.26	9.71	0.043703	2.97	24.68	29.06	1.00
trcprc	893	T 200	85.00	8.00	9.37	9.37	9.85	0.040576	3.06	28.05	31.47	0.98
trcprc	893	T 500	102.00	8.00	9.50	9.50	10.02	0.038123	3.21	32.43	33.99	0.97
trcprc	840	T 50	61.00	5.81	7.91		7.92	0.000426	0.33	161.71	134.48	0.10
trcprc	840	T 100	73.00	5.81	8.07		8.07	0.000422	0.35	183.27	145.58	0.11
trcprc	840	T 200	85.00	5.81	8.20		8.21	0.000422	0.38	203.50	146.53	0.11
trcprc	840	T 500	102.00	5.81	8.38		8.40	0.000421	0.41	230.12	147.82	0.11
trcprc	793	T 50	61.00	6.00	7.75		7.85	0.005763	1.45	43.17	33.21	0.39
trcprc	793	T 100	73.00	6.00	7.88		8.01	0.006193	1.57	47.76	34.48	0.41
trcprc	793	T 200	85.00	6.00	8.00		8.14	0.006495	1.69	51.92	35.58	0.43
trcprc	793	T 500	102.00	6.00	8.16		8.32	0.006825	1.84	57.47	36.65	0.45
trcprc	745	T 50	61.00	6.00	7.08		7.33	0.025548	2.21	27.65	32.65	0.76
trcprc	745	T 100	73.00	6.00	7.24		7.49	0.021598	2.24	32.78	34.66	0.72
trcprc	745	T 200	85.00	6.00	7.37		7.63	0.019366	2.29	37.49	36.40	0.69
trcprc	745	T 500	102.00	6.00	7.55		7.83	0.016654	2.35	44.31	38.79	0.66
trcprc	691	T 50	61.00	4.04	6.32		6.50	0.009234	1.76	32.92	24.47	0.52
trcprc	691	T 100	73.00	4.04	6.41		6.63	0.011091	1.98	35.13	25.13	0.57
trcprc	691	T 200	85.00	4.04	6.50		6.76	0.012622	2.17	37.48	25.82	0.61
trcprc	691	T 500	102.00	4.04	6.61		6.94	0.014865	2.42	40.36	26.62	0.66
trcprc	642	T 50	61.00	4.00	6.26		6.29	0.001557	1.04	83.41	66.99	0.22
trcprc	642	T 100	73.00	4.00	6.34		6.38	0.001845	1.17	89.15	68.48	0.24
trcprc	642	T 200	85.00	4.00	6.44		6.48	0.002034	1.26	95.87	70.19	0.26
trcprc	642	T 500	102.00	4.00	6.55		6.61	0.002321	1.38	104.02	72.18	0.28
trcprc	593	T 50	67.78	2.00	6.25		6.26	0.000226	0.57	155.61	75.14	0.09
trcprc	593	T 100	79.41	2.00	6.33		6.35	0.000282	0.64	161.84	76.47	0.10
trcprc	593	T 200	93.20	2.00	6.42		6.44	0.000348	0.72	169.03	77.99	0.12
trcprc	593	T 500	110.59	2.00	6.53		6.56	0.000432	0.82	177.72	79.77	0.13
trcprc	519	T 50	67.78	2.00	6.23		6.24	0.000269	0.59	138.13	57.72	0.10
trcprc	519	T 100	79.41	2.00	6.31		6.32	0.000338	0.67	142.62	58.53	0.11
trcprc	519	T 200	93.20	2.00	6.39		6.42	0.000421	0.76	147.75	59.11	0.12
trcprc	519	T 500	110.59	2.00	6.50		6.53	0.000528	0.86	153.83	59.79	0.14
trcprc	493	T 50	67.78	2.00	6.23	3.03	6.24	0.000058	0.34	197.86	72.99	0.05
trcprc	493	T 100	79.41	2.00	6.31	3.13	6.32	0.000074	0.39	203.57	73.56	0.06
trcprc	493	T 200	93.20	2.00	6.40	3.23	6.41	0.000094	0.44	210.07	74.22	0.07
trcprc	493	T 500	110.59	2.00	6.50	3.36	6.52	0.000119	0.50	217.78	75.01	0.08
trcprc	463		Bridge									
trcprc	446	T 50	67.78	2.00	3.34		3.59	0.004587	2.15	32.13	31.44	0.63
trcprc	446	T 100	79.41	2.00	3.43		3.71	0.004964	2.35	34.84	32.31	0.66
trcprc	446	T 200	93.20	2.00	3.52		3.86	0.005372	2.56	37.85	33.25	0.70
trcprc	446	T 500	110.59	2.00	3.62		4.02	0.005917	2.82	41.21	34.26	0.74
trcprc	391	T 50	67.78	2.00	3.22		3.32	0.003411	1.32	57.89	56.72	0.38
trcprc	391	T 100	79.41	2.00	3.31		3.42	0.003629	1.42	62.94	57.56	0.40
trcprc	391	T 200	93.20	2.00	3.41		3.53	0.003891	1.55	68.53	58.99	0.42
trcprc	391	T 500	110.59	2.00	3.52		3.66	0.004154	1.68	75.03	59.85	0.44
trcprc	341	T 50	67.78	2.00	3.08		3.13	0.003949	1.05	68.58	68.52	0.32
trcprc	341	T 100	79.41	2.00	3.16		3.22	0.004237	1.14	74.14	69.26	0.34
trcprc	341	T 200	93.20	2.00	3.25		3.32	0.004549	1.24	80.23	70.06	0.36
trcprc	341	T 500	110.59	2.00	3.35		3.43	0.004914	1.36	87.29	70.97	0.37
trcprc	291	T 50	67.78	1.94	3.01		3.03	0.000991	0.51	105.83	109.70	0.16
trcprc	291	T 100	79.41	1.94	3.08		3.11	0.001068	0.56	114.30	111.00	0.17
trcprc	291	T 200	93.20	1.94	3.17		3.20	0.001149	0.61	123.68	112.43	0.18
trcprc	291	T 500	110.59	1.94	3.26		3.30	0.001243	0.67	134.61	114.08	0.19
trcprc	230	T 50	67.78	2.00	2.90		2.93	0.002578	0.77	92.63	110.85	0.26
trcprc	230	T 100	79.41	2.00	2.97		3.01	0.002741	0.83	100.34	112.15	0.27
trcprc	230	T 200	93.20	2.00	3.05		3.09	0.002906	0.90	108.92	113.57	0.28
trcprc	230	T 500	110.59	2.00	3.14		3.18	0.003095	0.98	118.91	115.20	0.29
trcprc	191	T 50	67.78	2.00	2.84		2.85	0.001757	0.59	117.16	147.01	0.21

HEC-RAS Plan: Plan 01 River: Rio_ValdiMela Reach: trcprc (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
trcprc	191	T 100	79.41	2.00	2.90		2.92	0.001864	0.64	126.87	148.14	0.21
trcprc	191	T 200	93.20	2.00	2.98		3.00	0.001970	0.69	137.70	149.39	0.22
trcprc	191	T 500	110.59	2.00	3.06		3.09	0.002092	0.75	150.30	150.83	0.23
trcprc	141	T 50	67.78	2.00	2.75		2.77	0.001895	0.58	111.61	175.46	0.22
trcprc	141	T 100	79.41	2.00	2.81		2.83	0.001964	0.63	122.49	178.31	0.22
trcprc	141	T 200	93.20	2.00	2.88		2.90	0.002020	0.67	134.90	181.49	0.23
trcprc	141	T 500	110.59	2.00	2.96		2.99	0.002084	0.72	149.51	185.01	0.24
trcprc	91	T 50	67.78	2.00	2.64		2.66	0.002594	0.62	108.30	183.20	0.25
trcprc	91	T 100	79.41	2.00	2.70		2.72	0.002603	0.66	119.24	183.82	0.25
trcprc	91	T 200	93.20	2.00	2.77		2.79	0.002585	0.70	131.76	184.53	0.26
trcprc	91	T 500	110.59	2.00	2.84		2.87	0.002586	0.75	146.20	185.35	0.26
trcprc	67	T 50	67.78	1.80	2.56		2.59	0.003496	0.69	91.38	155.54	0.29
trcprc	67	T 100	79.41	1.80	2.62		2.65	0.003561	0.74	100.36	157.58	0.29
trcprc	67	T 200	93.20	1.80	2.68		2.72	0.003564	0.79	110.95	159.95	0.30
trcprc	67	T 500	110.59	1.80	2.76		2.80	0.003598	0.85	123.21	162.66	0.31
trcprc	40	T 50	67.78	1.57	2.40		2.46	0.007550	1.05	63.85	119.33	0.45
trcprc	40	T 100	79.41	1.57	2.45		2.51	0.007886	1.13	69.69	120.70	0.47
trcprc	40	T 200	93.20	1.57	2.51		2.59	0.007805	1.20	77.44	122.50	0.47
trcprc	40	T 500	110.59	1.57	2.58		2.66	0.007943	1.29	85.87	124.42	0.48
trcprc	14	T 50	67.78	1.45	1.94	1.94	2.11	0.032432	1.88	36.32	102.24	1.03
trcprc	14	T 100	79.41	1.45	1.98	1.98	2.17	0.031137	1.99	40.44	103.05	1.03
trcprc	14	T 200	93.20	1.45	2.02	2.02	2.24	0.029770	2.09	45.14	104.10	1.03
trcprc	14	T 500	110.59	1.45	2.07	2.07	2.32	0.028347	2.21	50.82	105.56	1.03
trcprc	5	T 50	67.78	1.28	1.80	1.70	1.90	0.006988	1.43	47.43	108.93	0.69
trcprc	5	T 100	79.41	1.28	1.80	1.74	1.94	0.009592	1.67	47.43	108.93	0.81
trcprc	5	T 200	93.20	1.28	1.80	1.78	2.00	0.013212	1.96	47.43	108.93	0.95
trcprc	5	T 500	110.59	1.28	1.83	1.83	2.07	0.014483	2.16	51.13	108.93	1.01