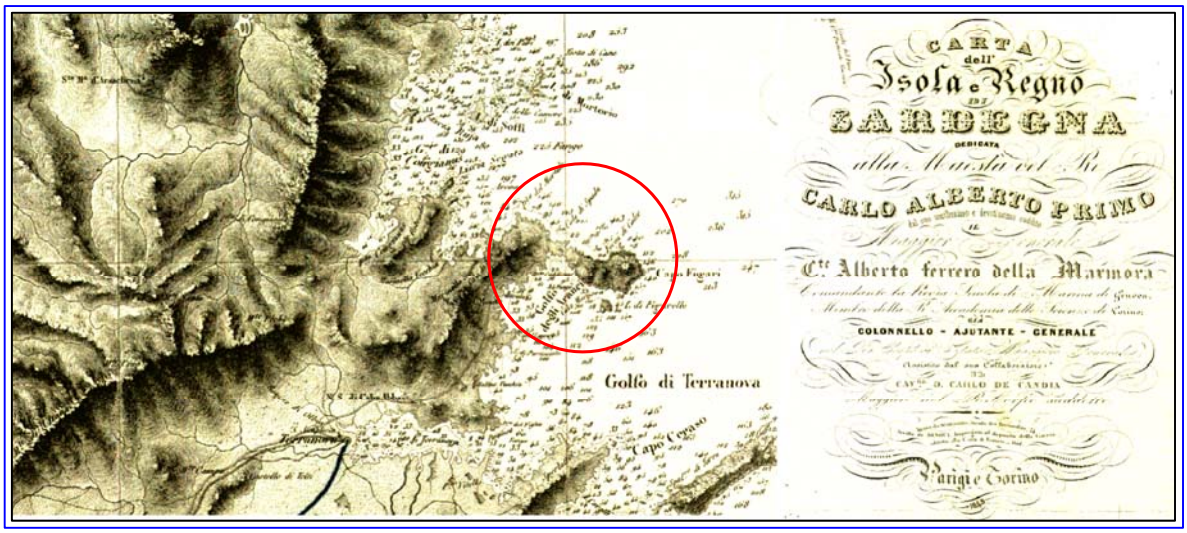
Firmato da
CASSITTA
GIOVANNI
PIERO

Regione Autonoma della Sardegna
Ass.to EE.LL., Finanza e Urbanistica

COMUNE DI GOLFO ARANCI

Provincia Olbia-Tempio

COMUNE DI GOLFO ARANCI



PIANO PAESISTICO REGIONALE - L.R. 25 novembre 2004, n. 8

ADEGUAMENTO DEL PIANO URBANISTICO COMUNALE AL P.P.R. E AL P.A.I.

CARTE DI PERICOLOSITA' E RISCHIO GEOLOGICO E IDRAULICO

Tav.	*Elaborato*	*Scala*
R.C	**Gli allegati alla relazione di compatibilità Idraulica**	

Allegato alla delibera C.C. n° 13 del 10/03/2016

COORDINATORE

Dott. Ing. G. Piero Cassitta

ORDINE INGEGNERI
PROVINCE DI SASSARI
E OLBIA TEMPIO
N° 229 Dott. Ing. Giovanni Piero Cassitta
Ingegnere Civile Ambientale, Industriale e dell'Informazione Sezione A - Settore a,b,c

ESPERTI

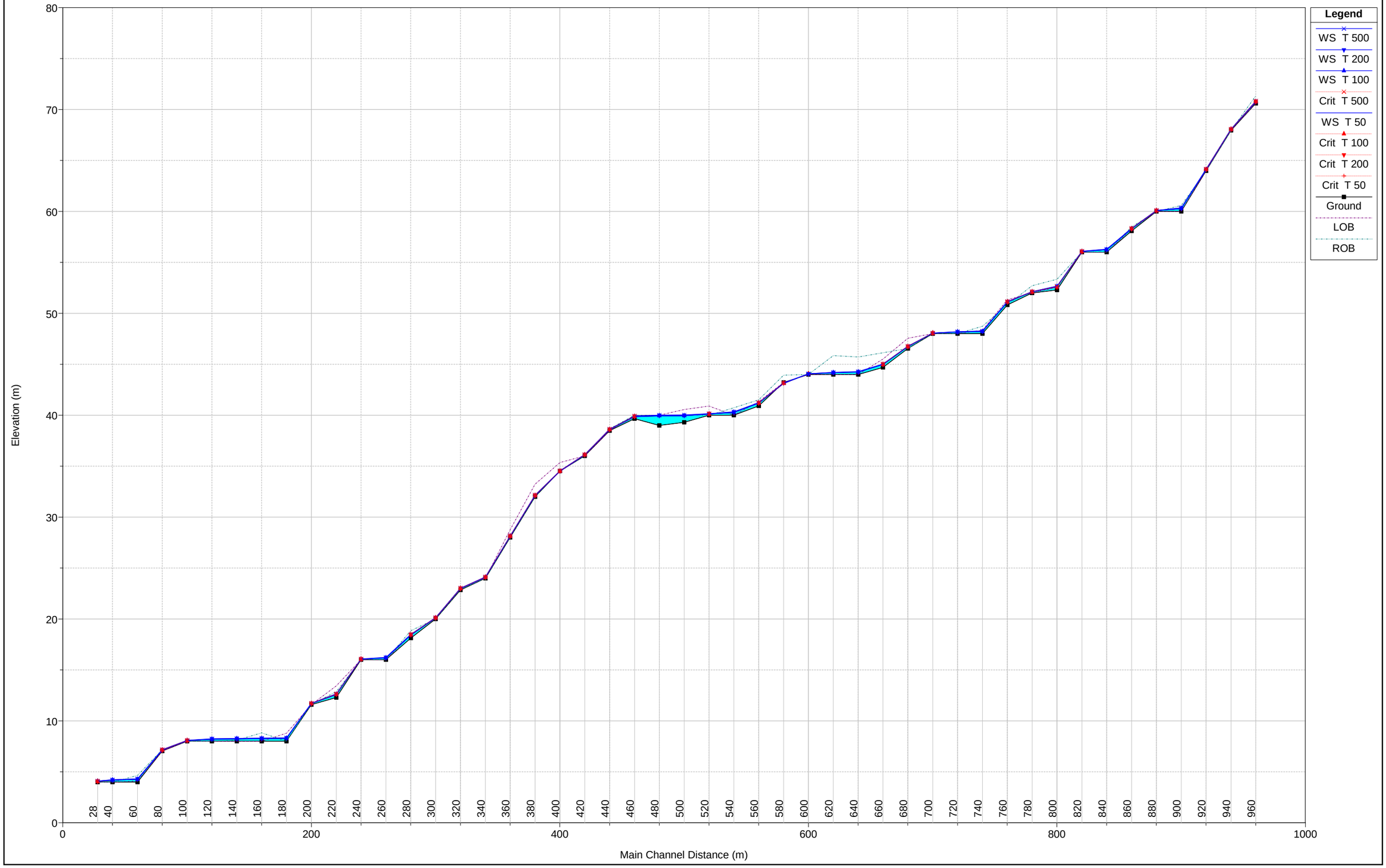
Dott. Agr. Nicola Sanna
Dott. Agr. Giovanni Dettori
Dott. Geol. Giovanni Tilocca
Dott. Claudio Caria (GIS)
Dott. Arch. Marco Agostino Amucano

Agg. 2013

IL BACINO SPIAGGIA BIANCA

MODELLO SB_NE Plan: Plan 01

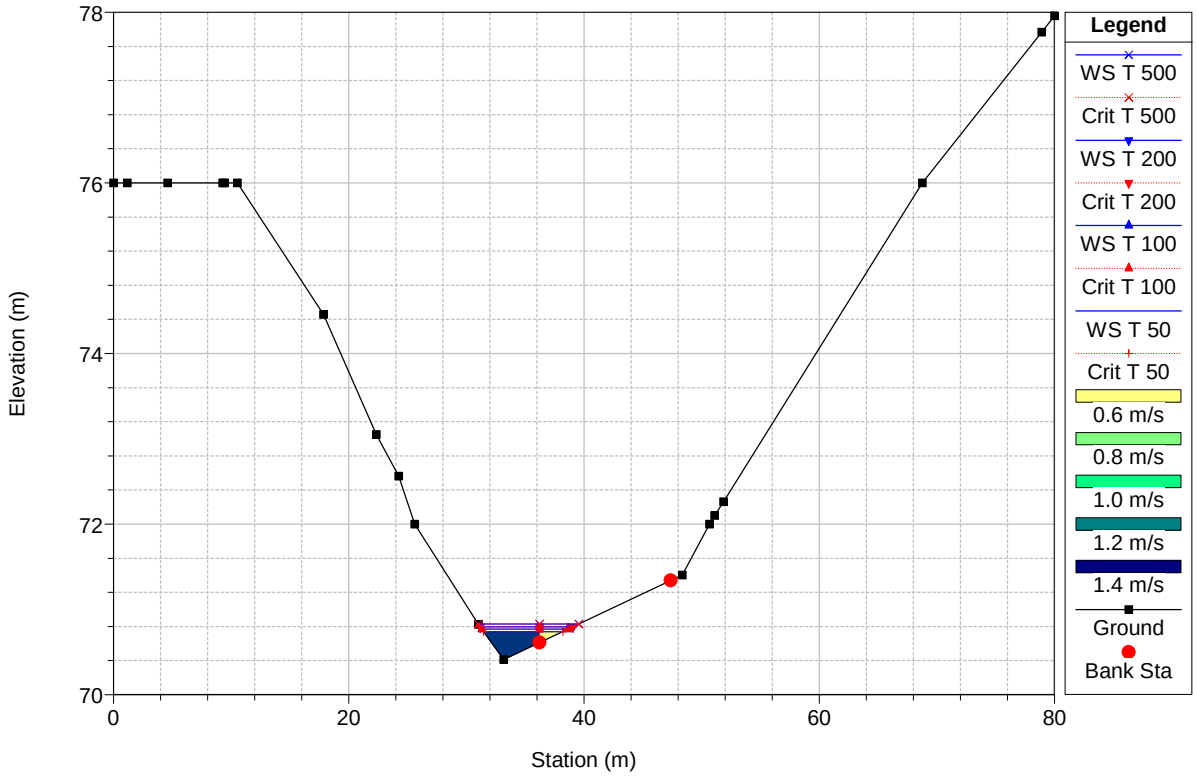
Geom: SI Flow: Flow 01



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

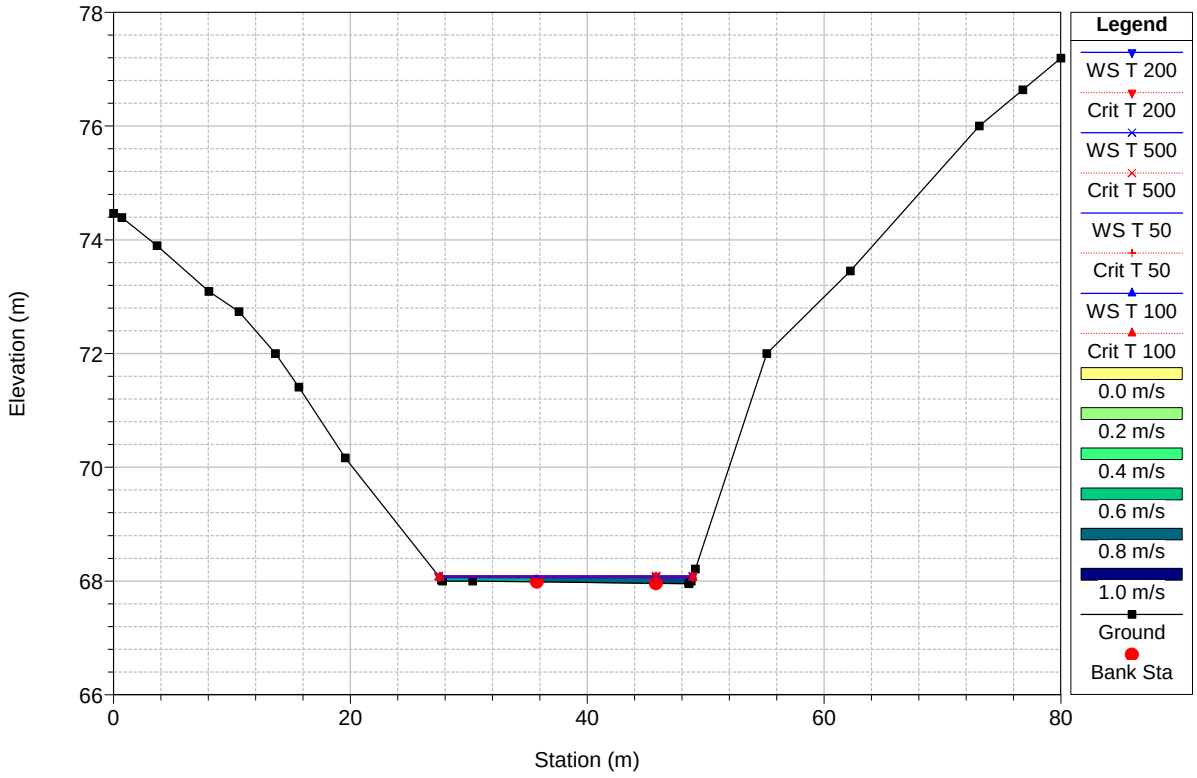
River = SP_NE Reach = tr_crt RS = 960



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

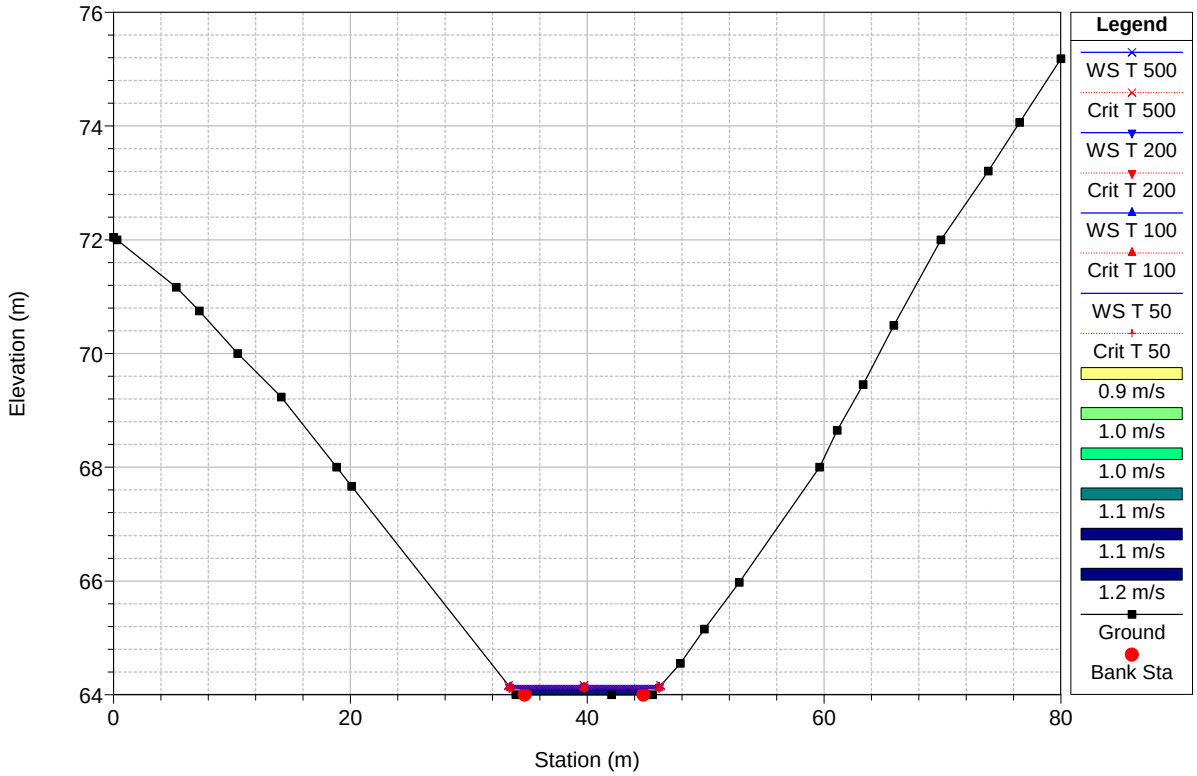
River = SP_NE Reach = tr_crt RS = 940



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

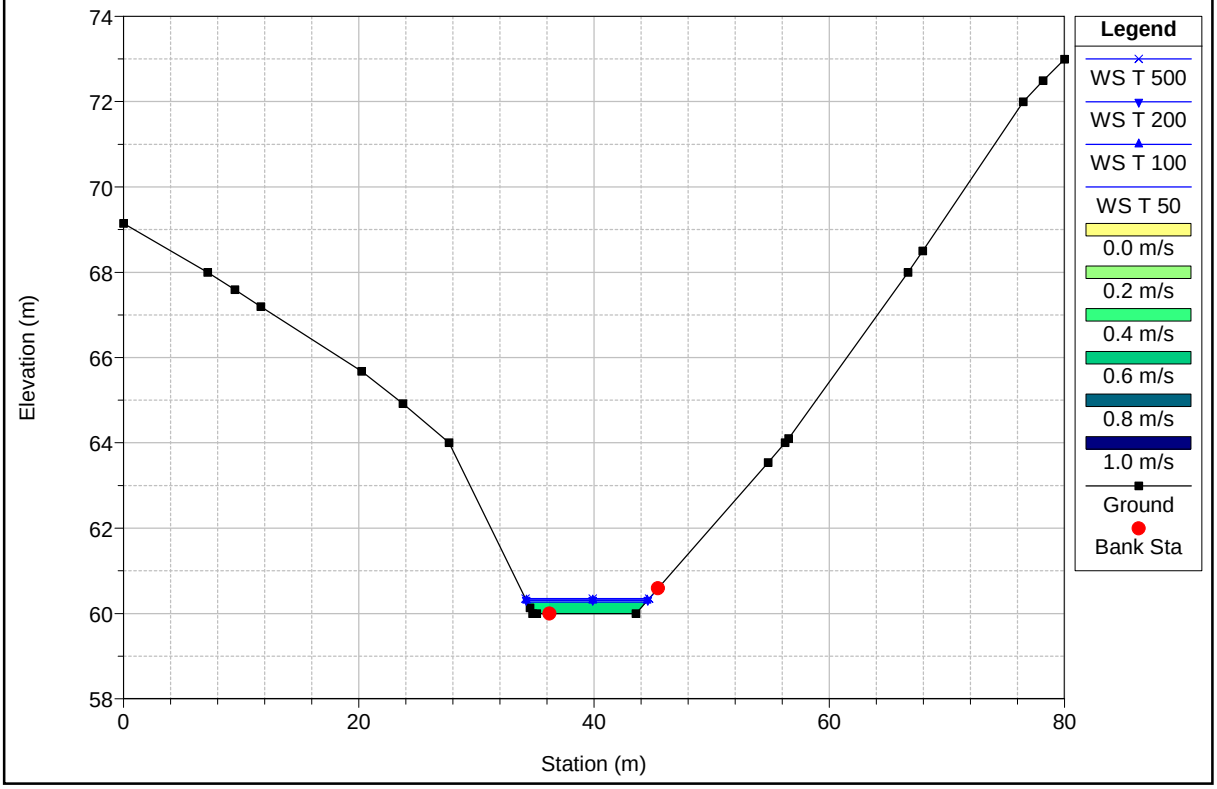
River = SP_NE Reach = tr_crt RS = 920



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

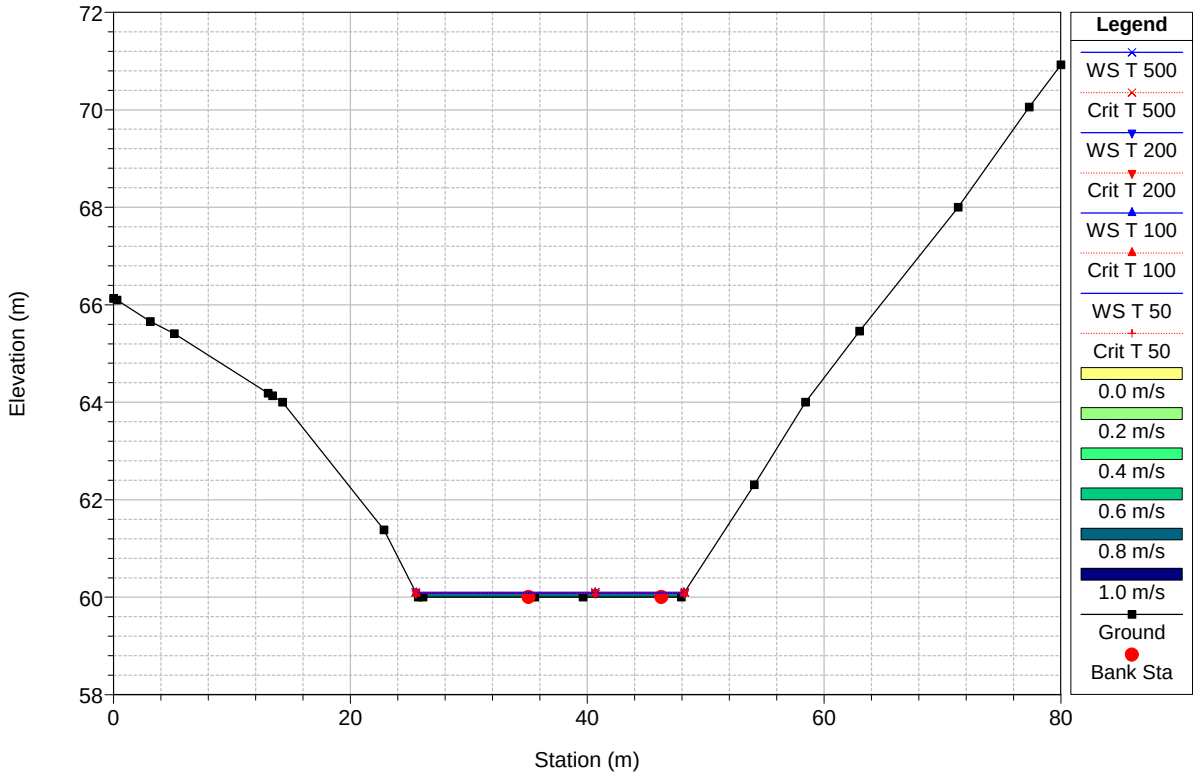
River = SP_NE Reach = tr_crt RS = 900



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

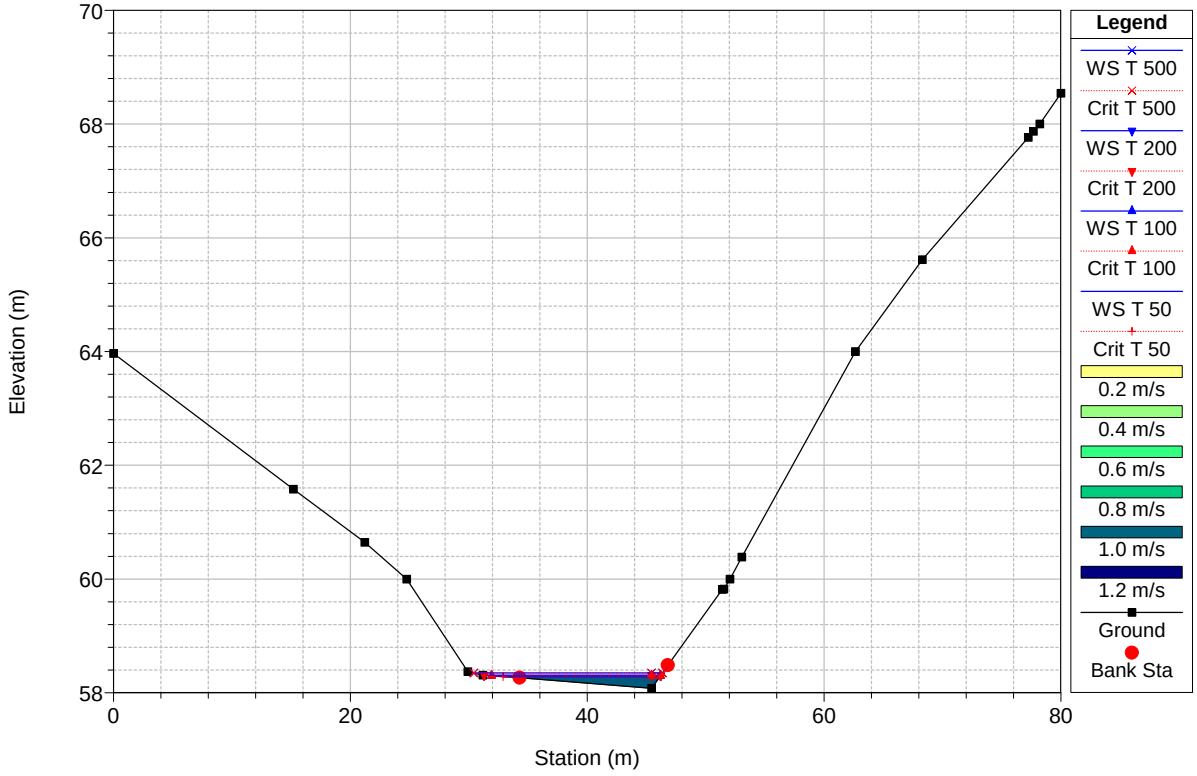
River = SP_NE Reach = tr_crt RS = 880



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

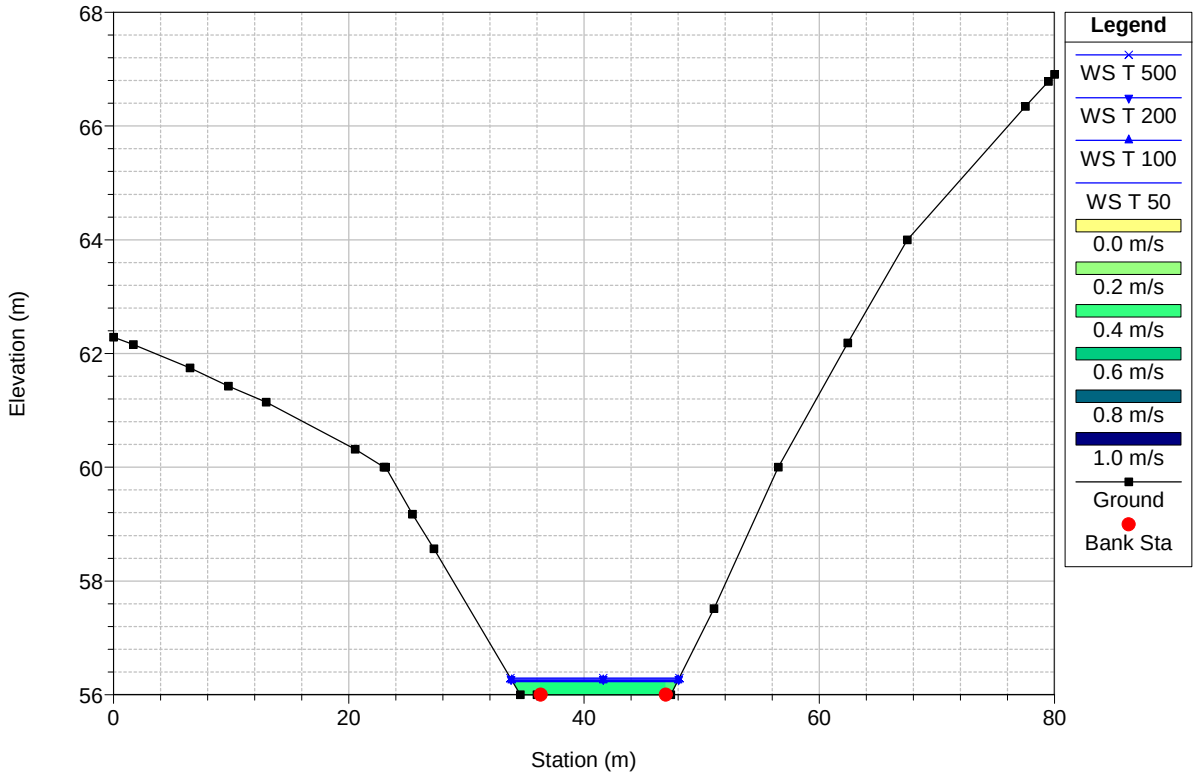
River = SP_NE Reach = tr_crt RS = 860



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

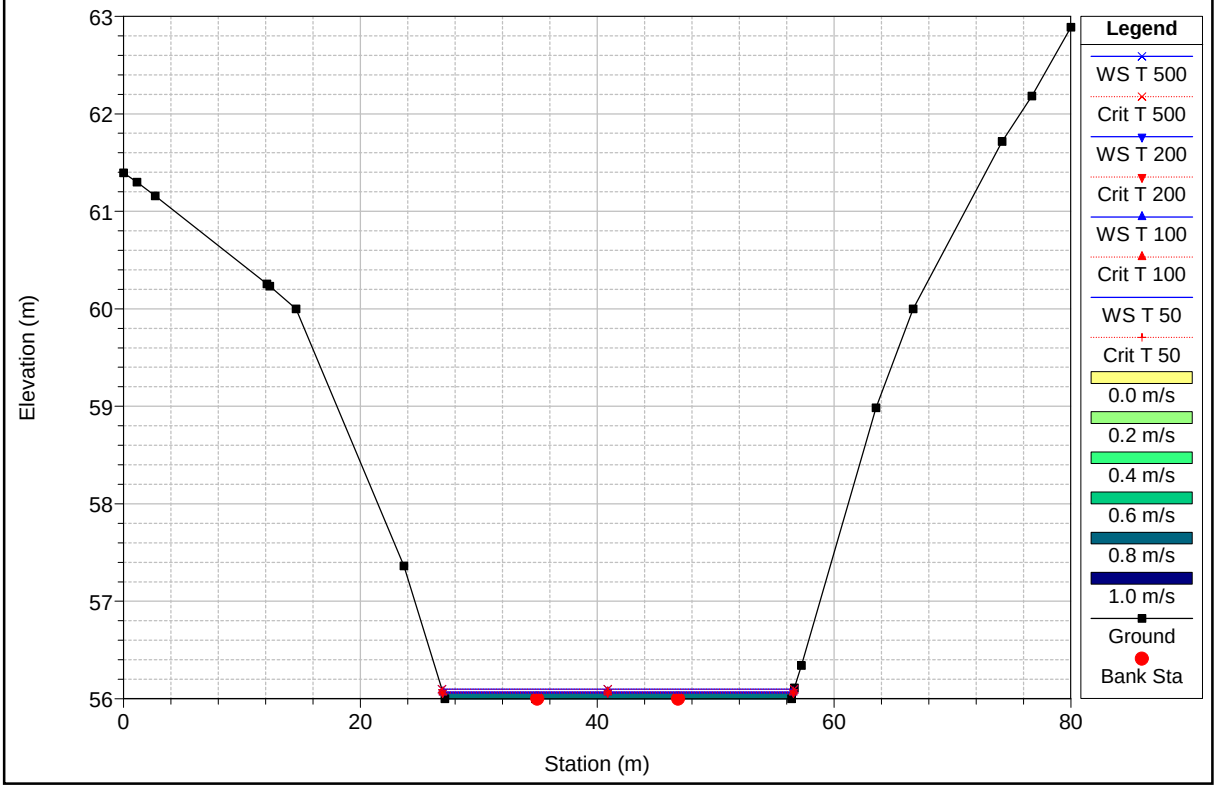
River = SP_NE Reach = tr_crt RS = 840



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

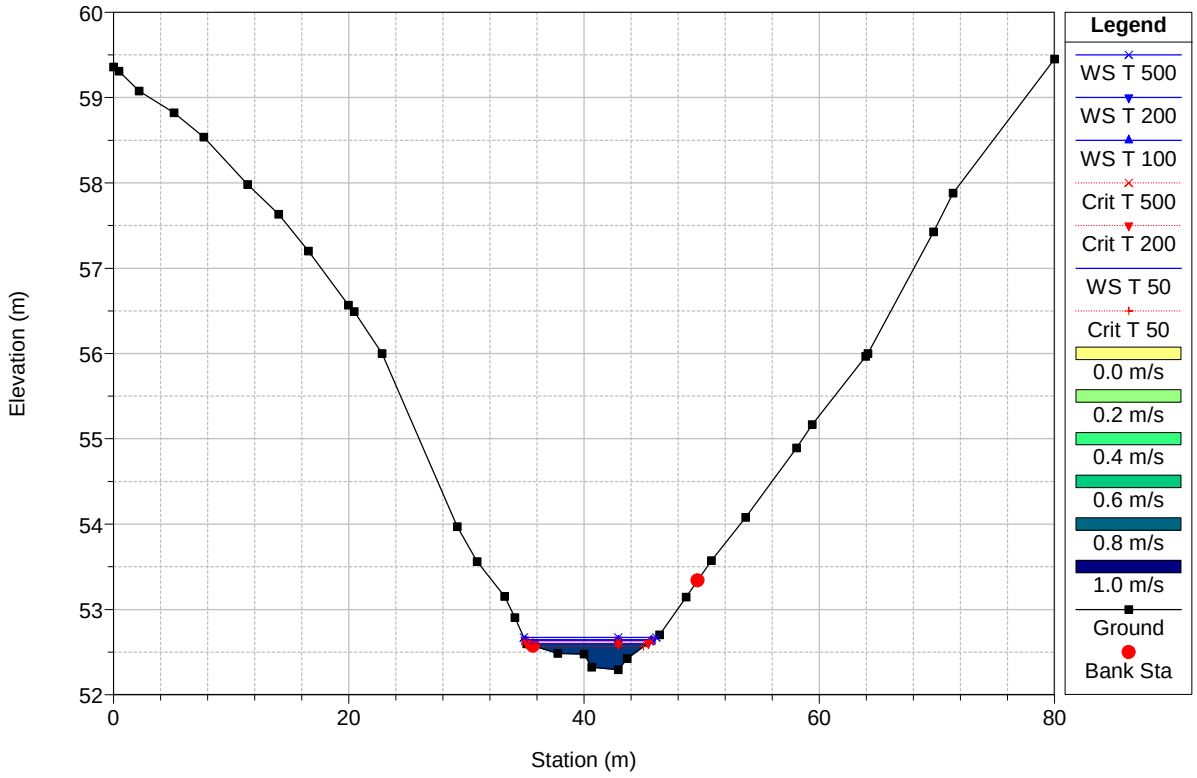
River = SP_NE Reach = tr_crt RS = 820



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

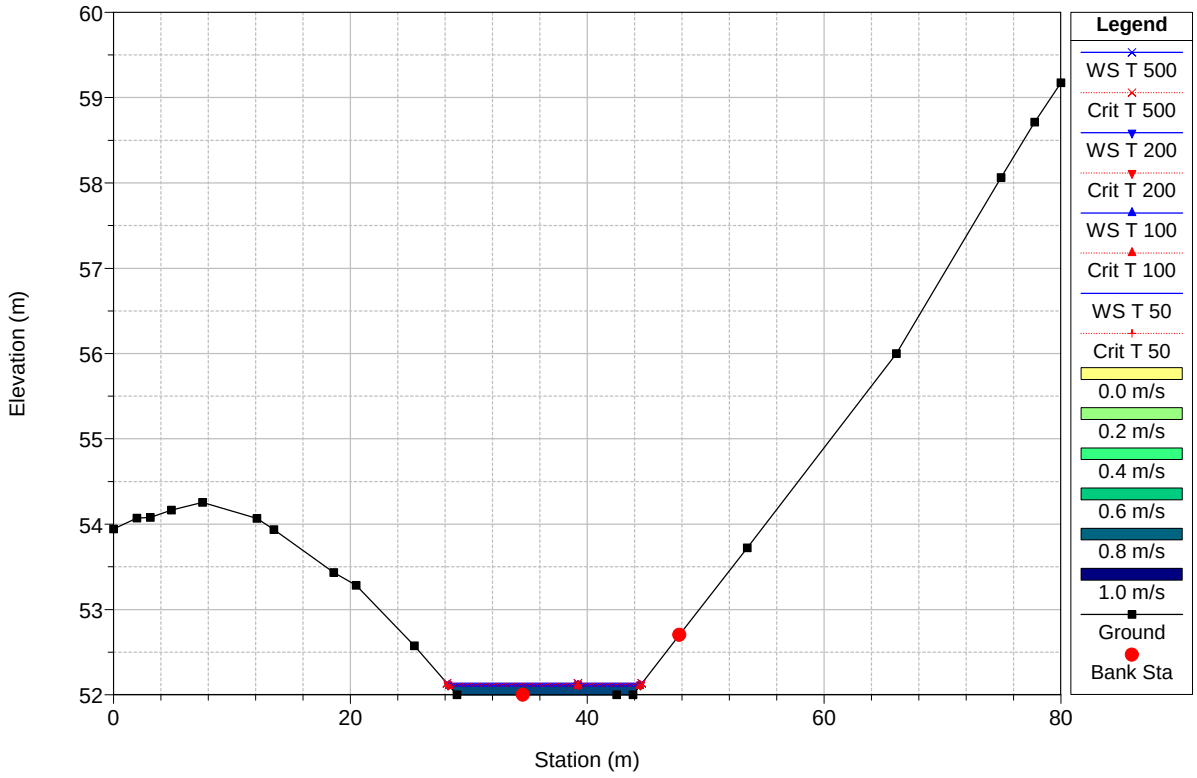
River = SP_NE Reach = tr_crt RS = 800



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

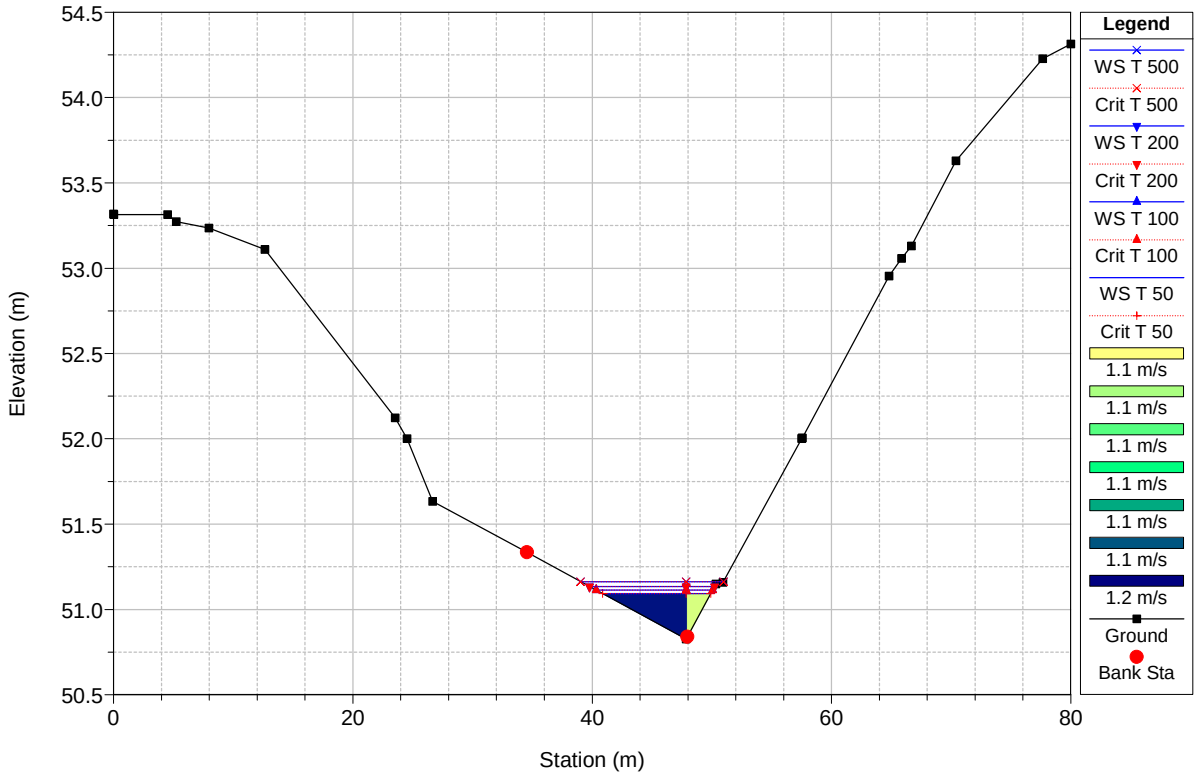
River = SP_NE Reach = tr_crt RS = 780



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

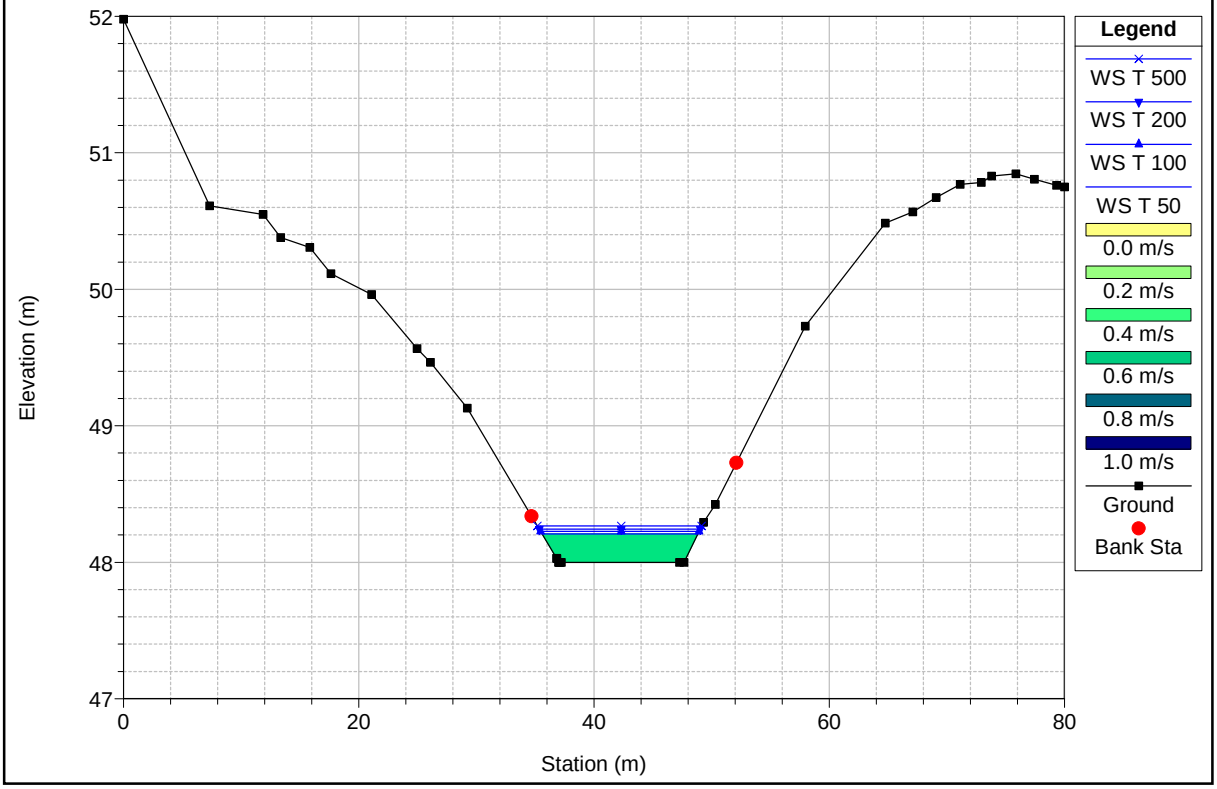
River = SP_NE Reach = tr_crt RS = 760



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

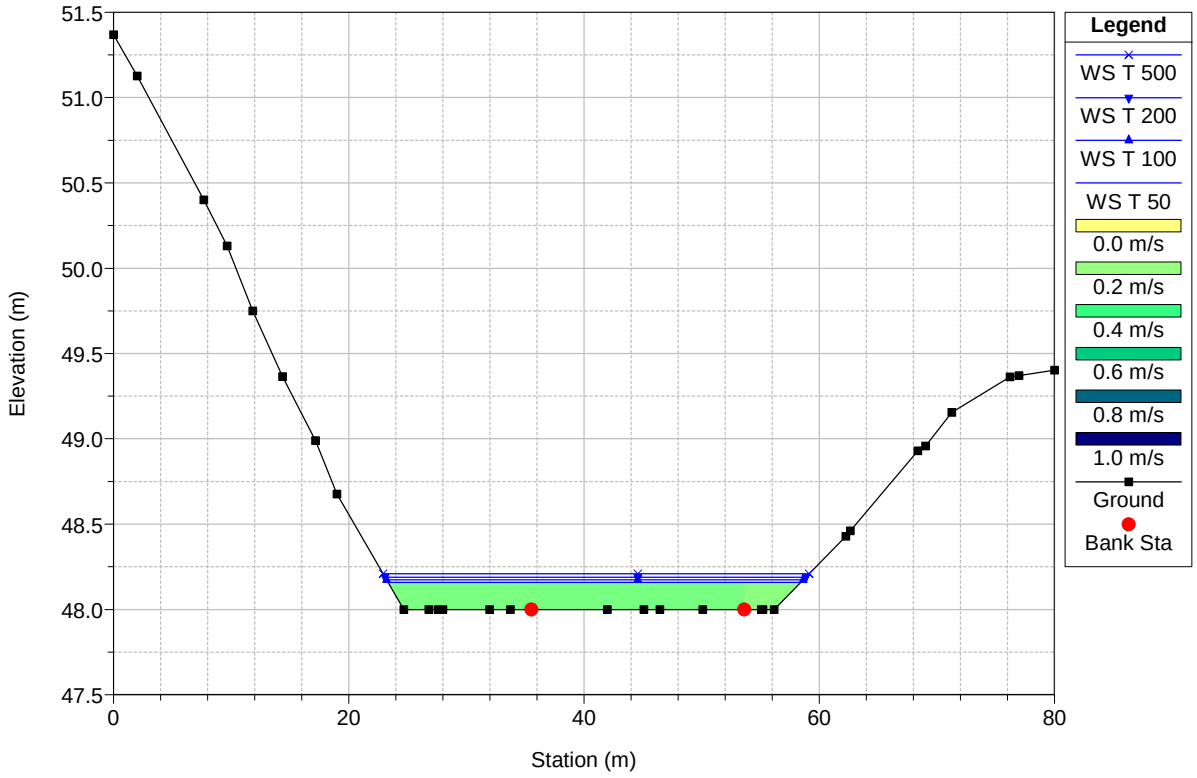
River = SP_NE Reach = tr_crt RS = 740



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

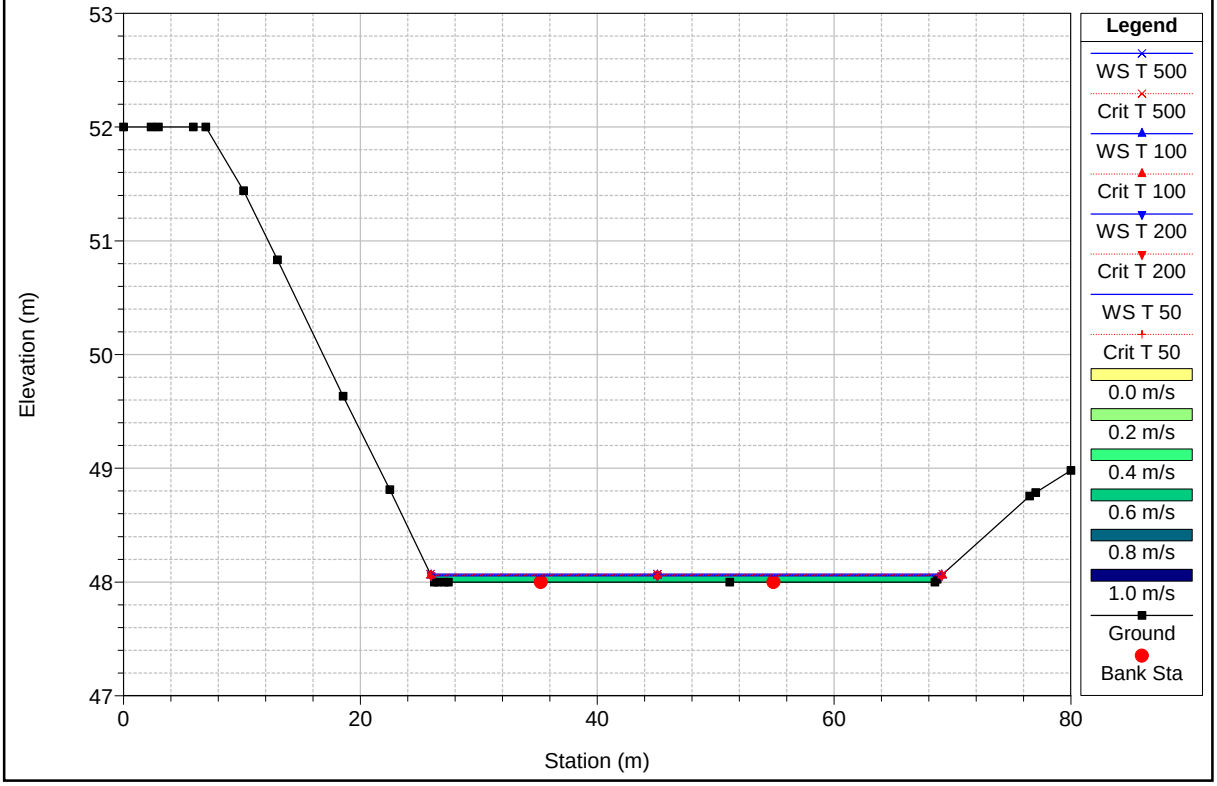
River = SP_NE Reach = tr_crt RS = 720



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

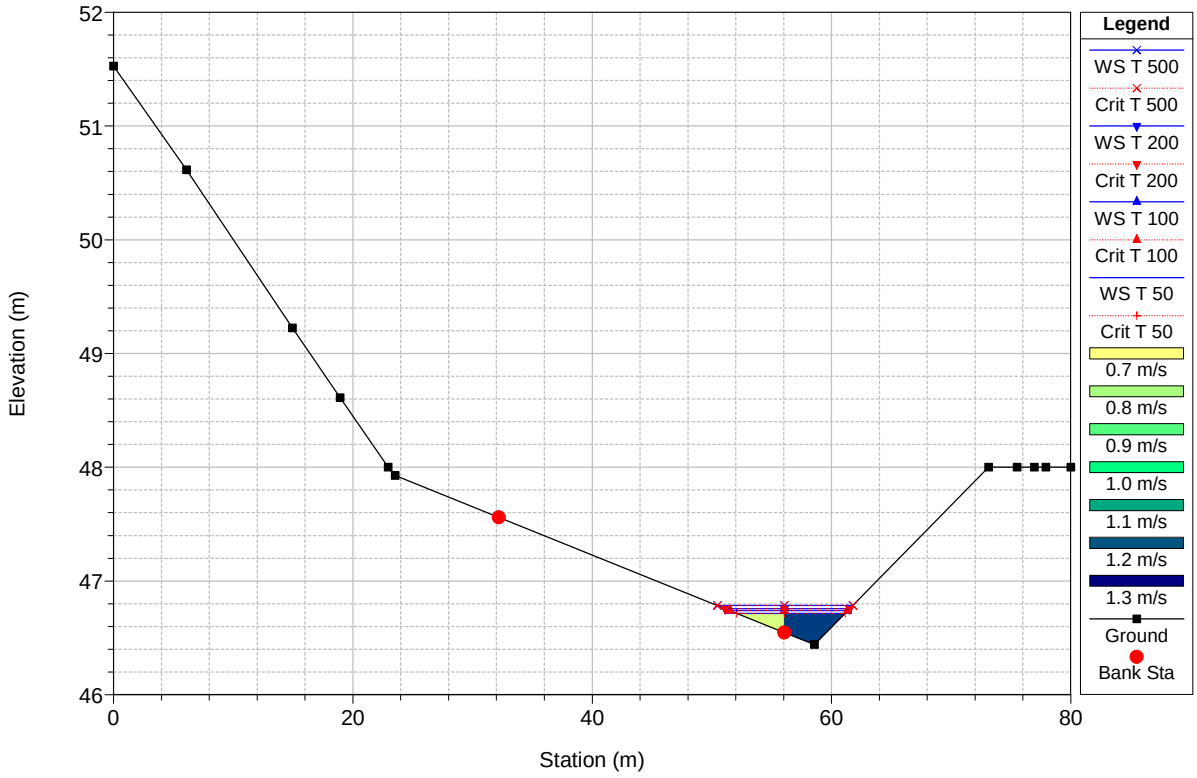
River = SP_NE Reach = tr_crt RS = 700



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

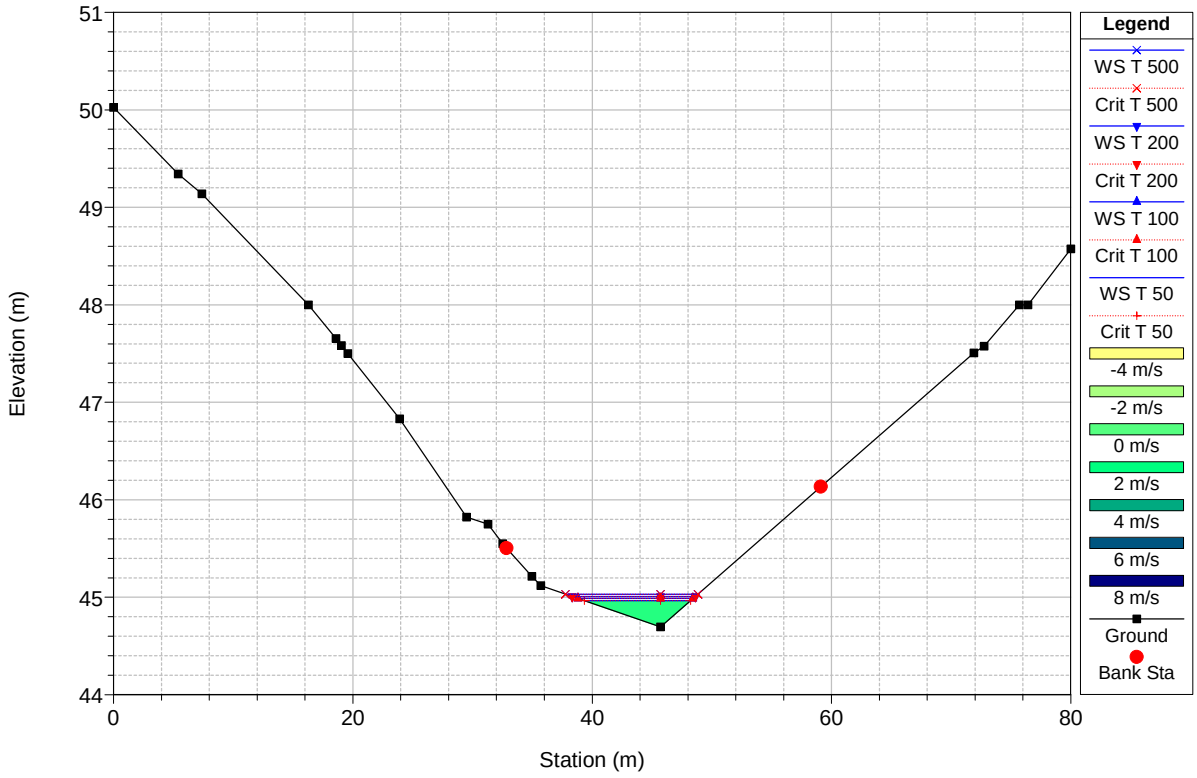
River = SP_NE Reach = tr_crt RS = 680



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

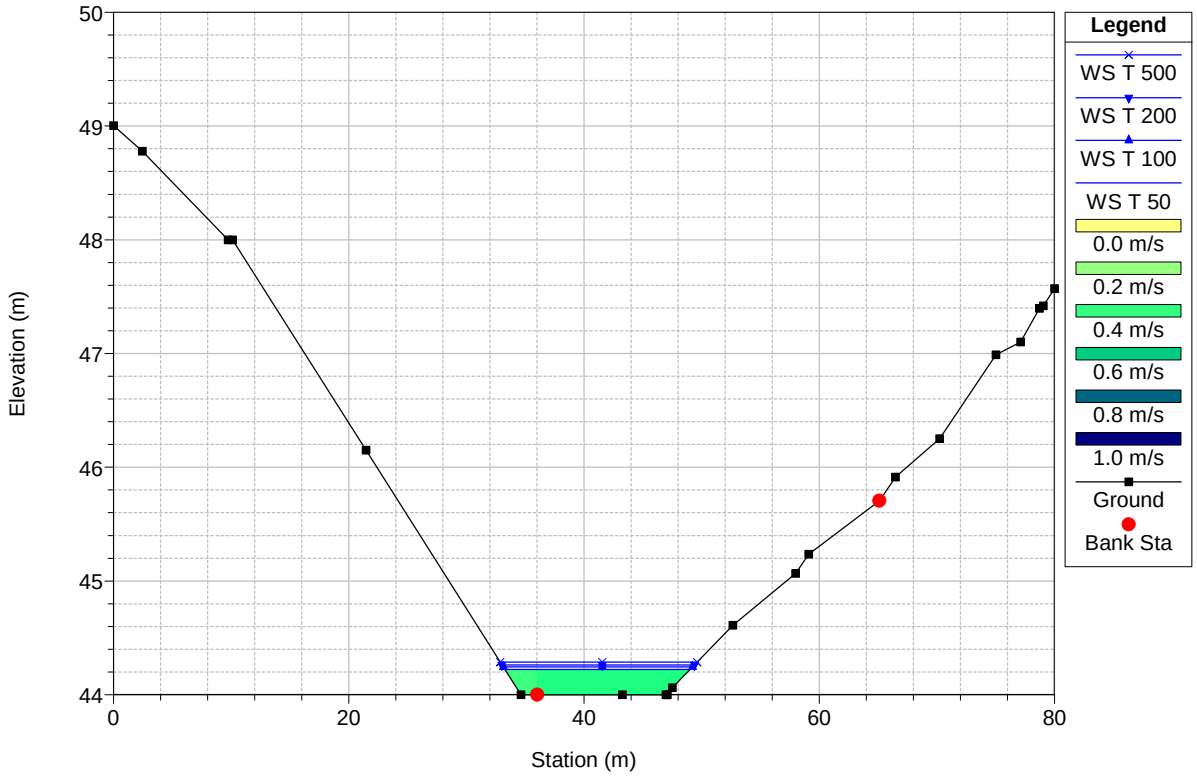
River = SP_NE Reach = tr_crt RS = 660



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

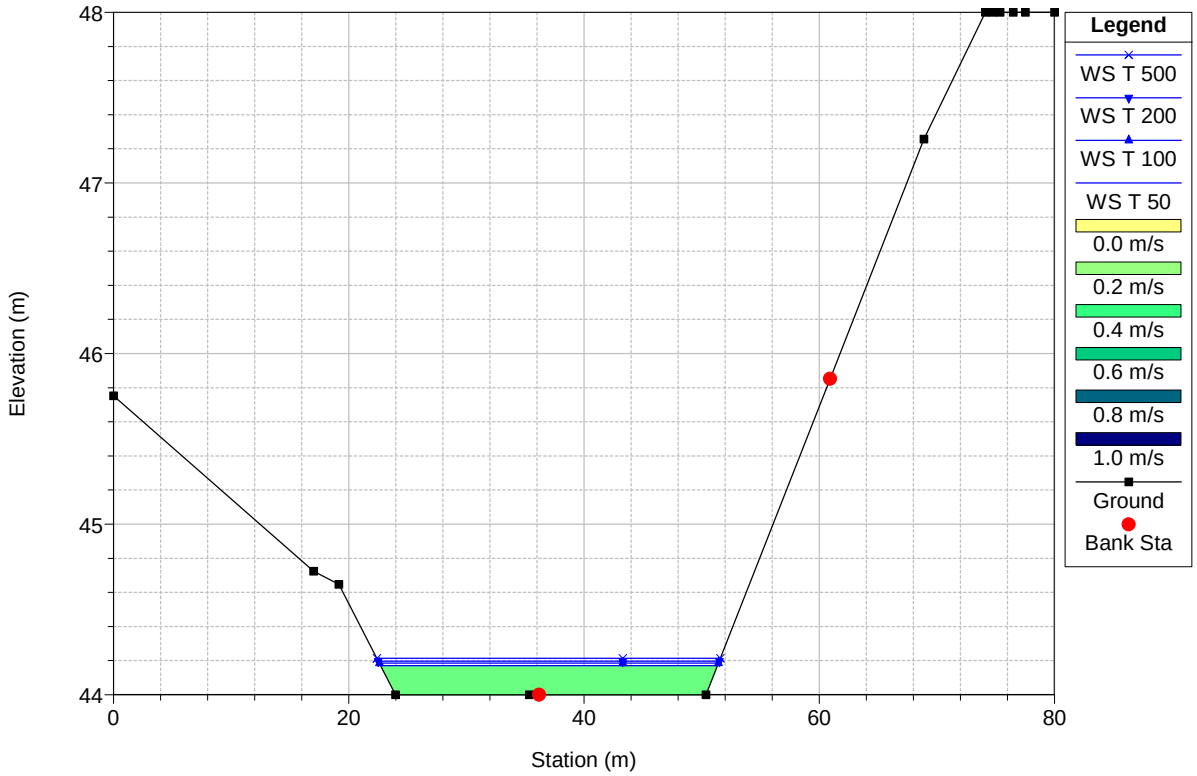
River = SP_NE Reach = tr_crt RS = 640



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

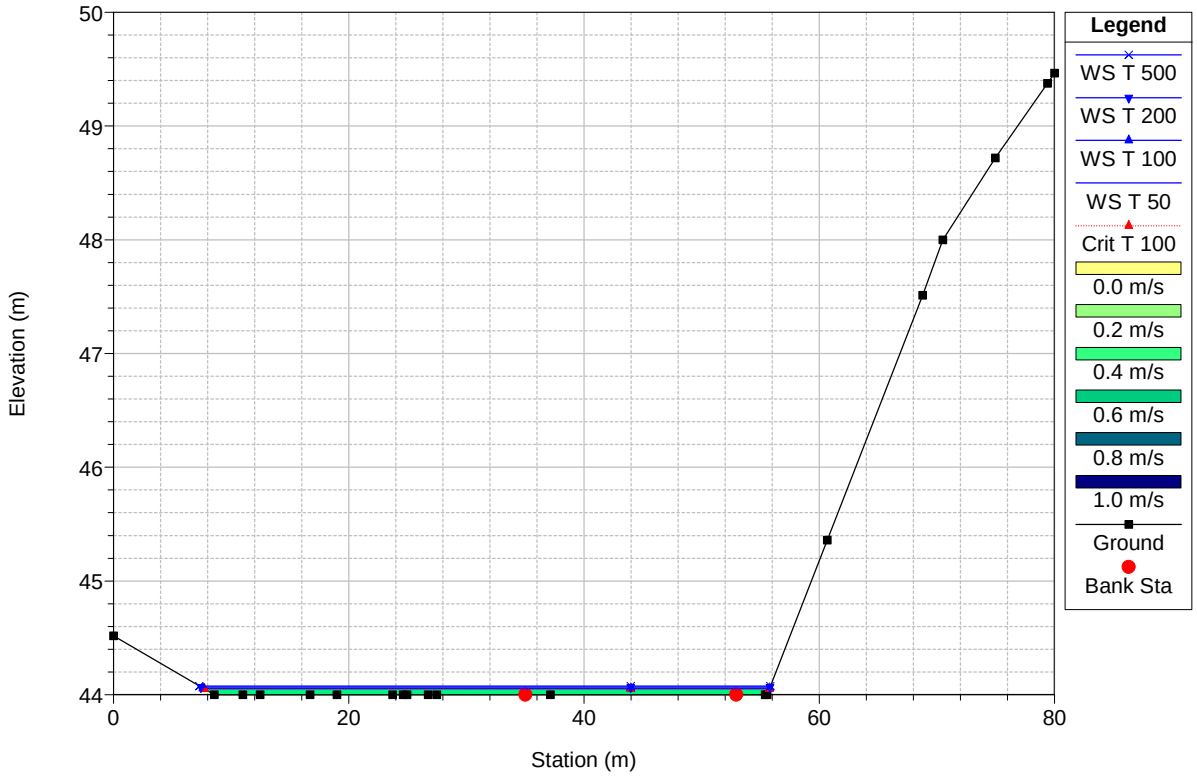
River = SP_NE Reach = tr_crt RS = 620



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

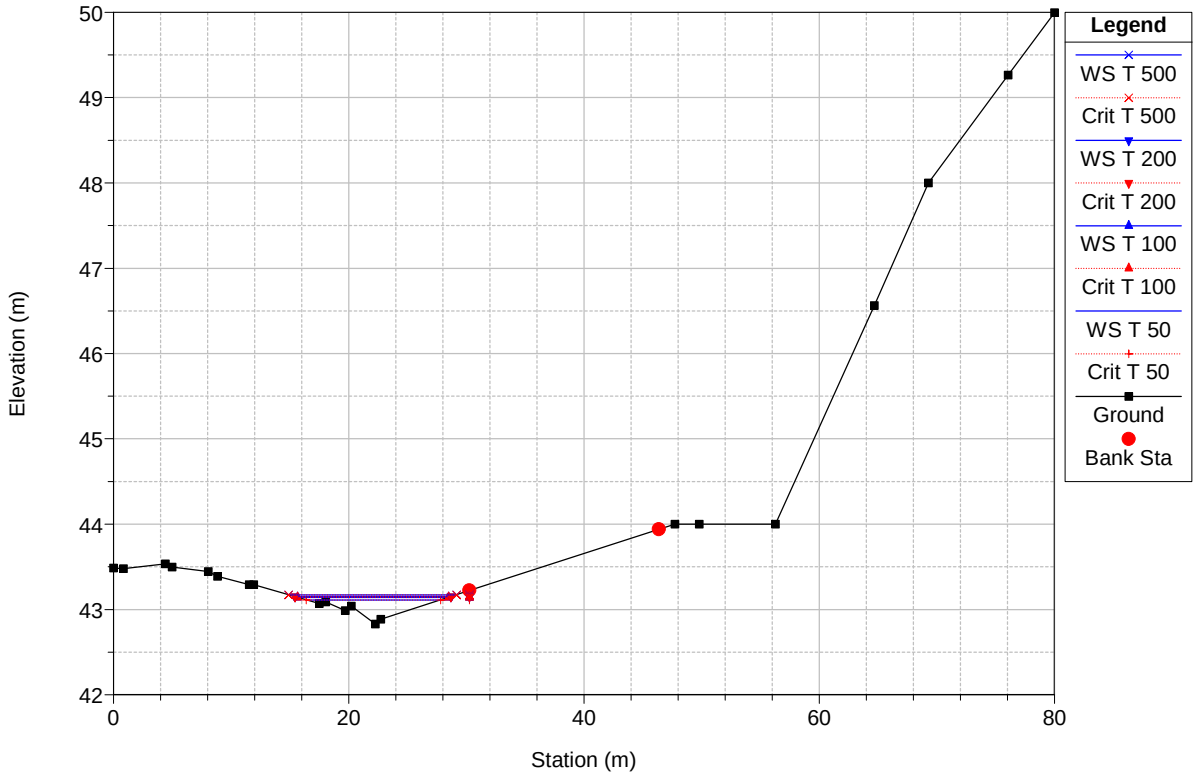
River = SP_NE Reach = tr_crt RS = 600



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

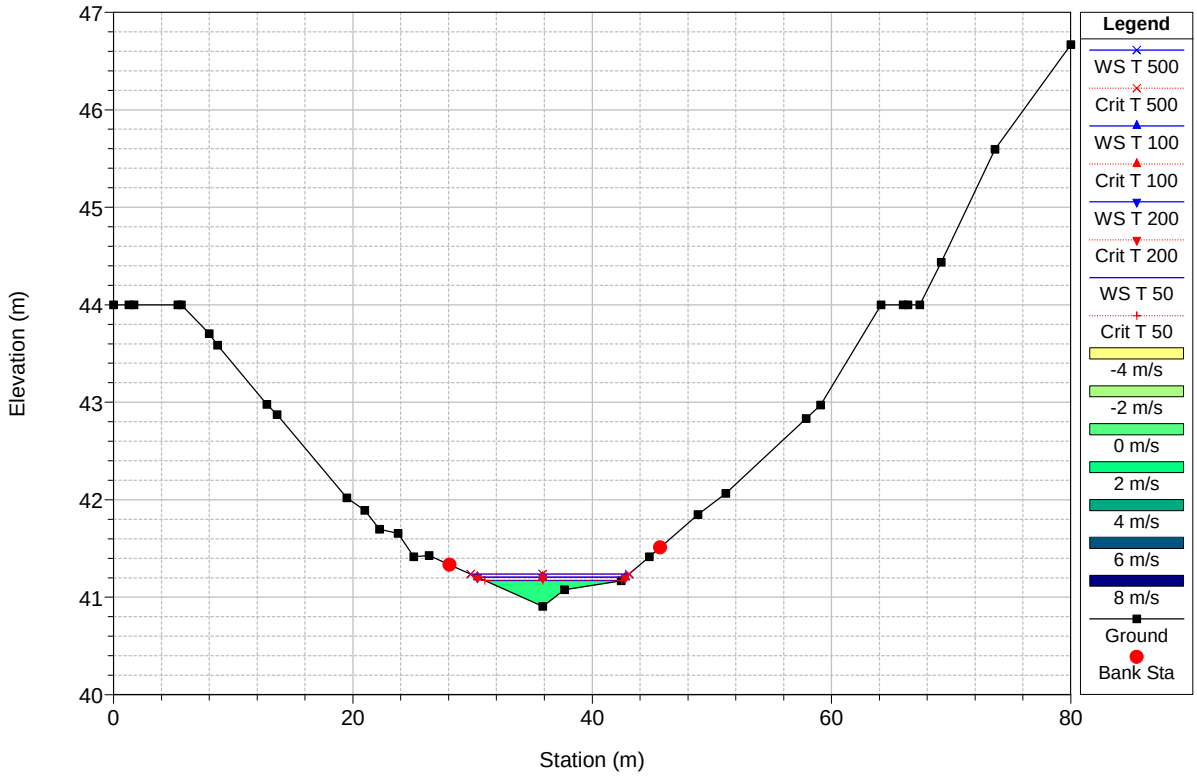
River = SP_NE Reach = tr_crt RS = 580



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

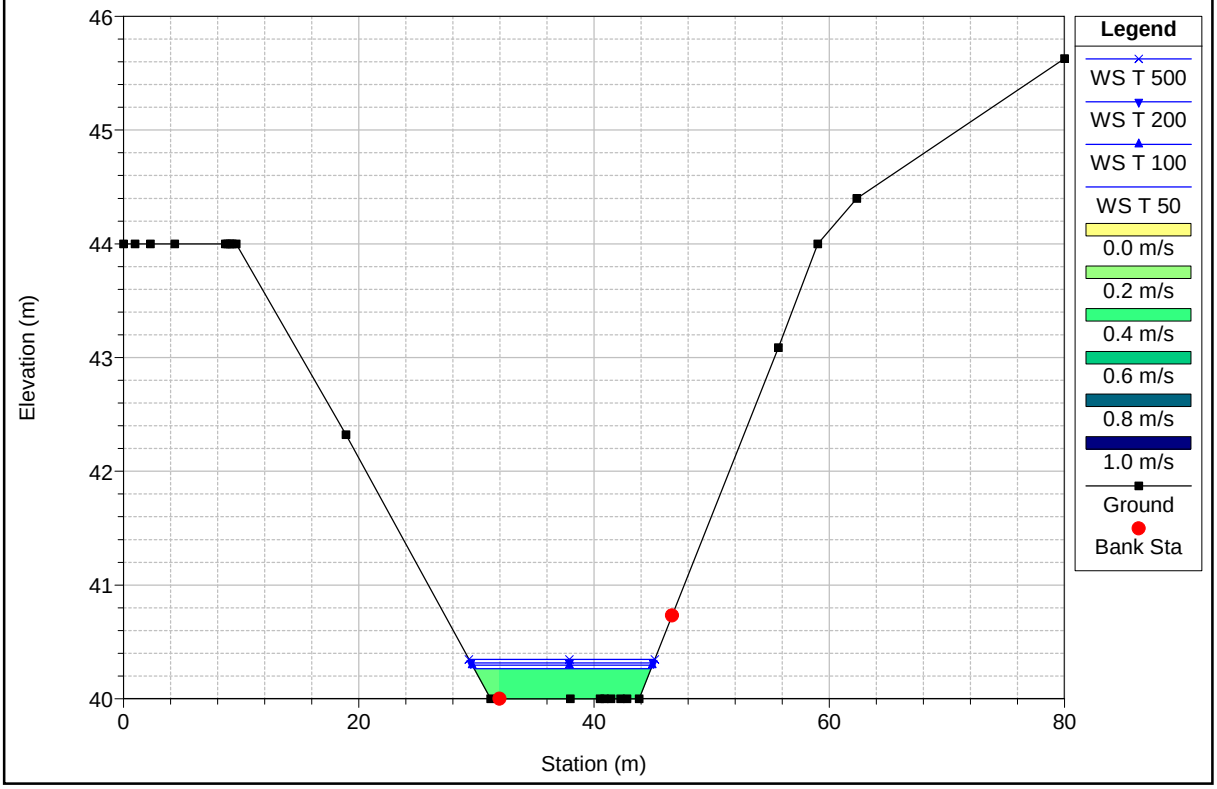
River = SP_NE Reach = tr_crt RS = 560



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

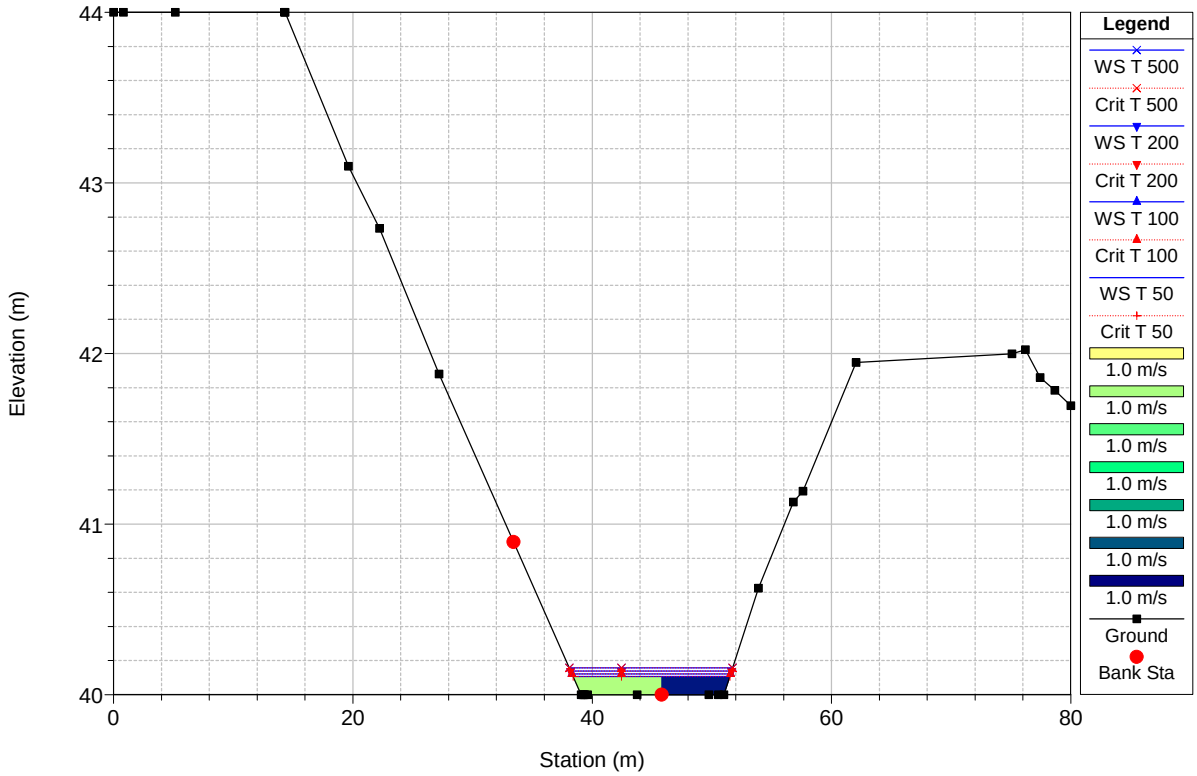
River = SP_NE Reach = tr_crt RS = 540



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

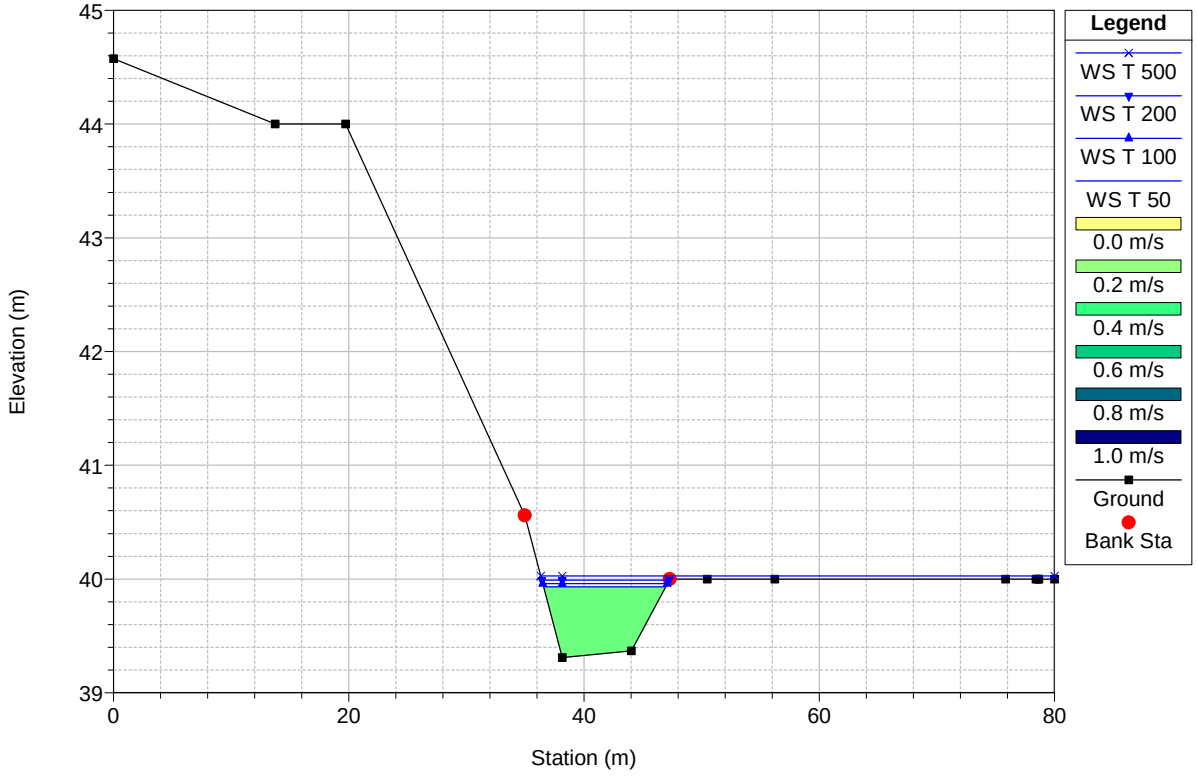
River = SP_NE Reach = tr_crt RS = 520



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

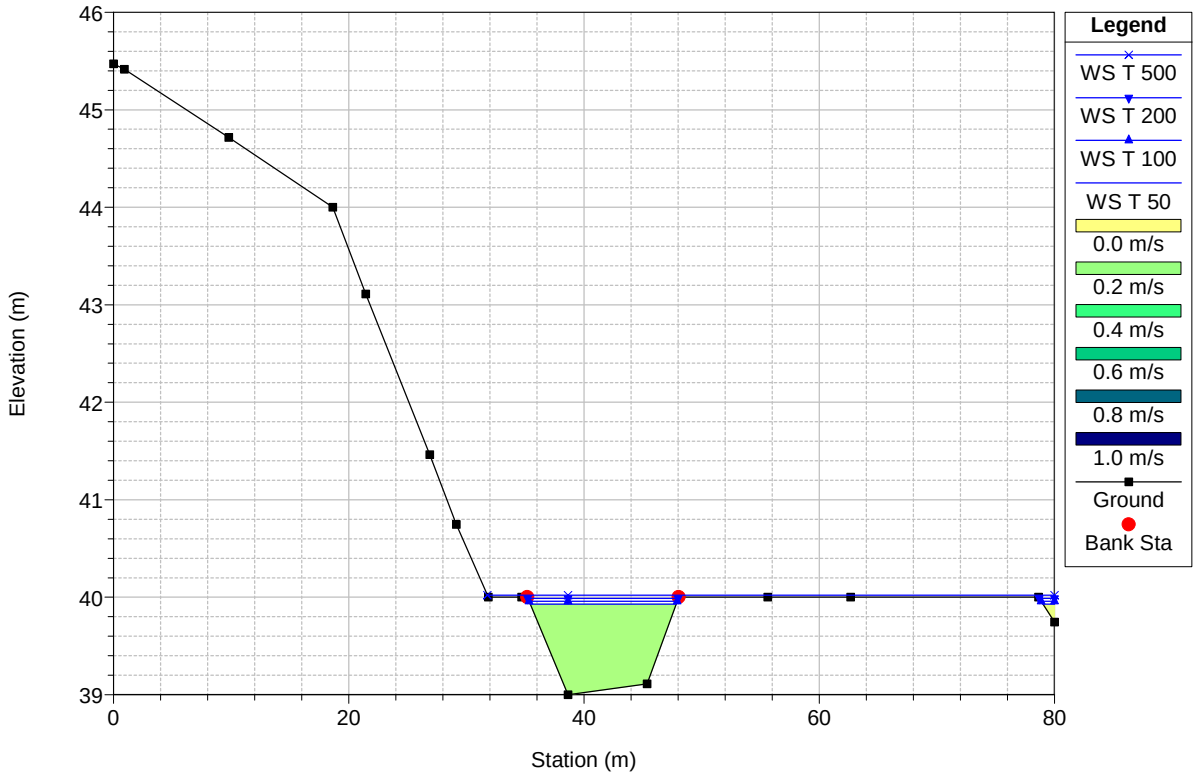
River = SP_NE Reach = tr_crt RS = 500



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

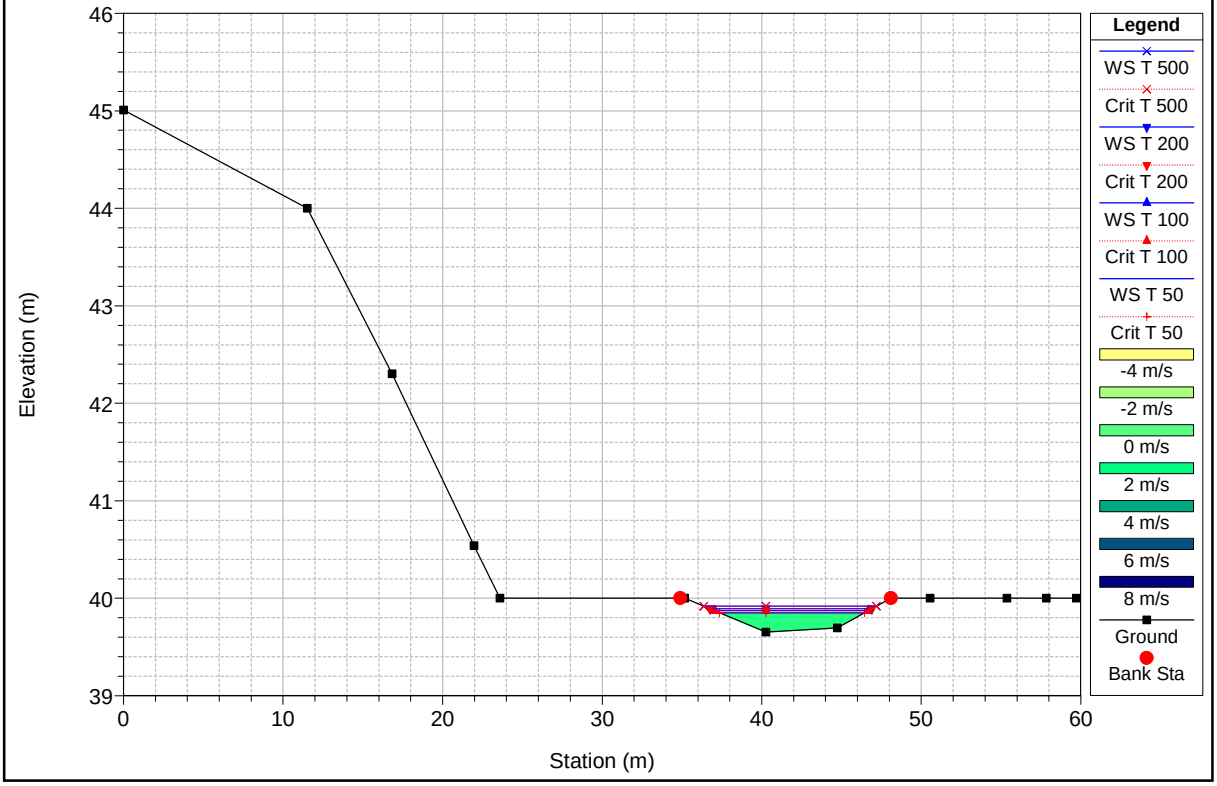
River = SP_NE Reach = tr_crt RS = 480



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

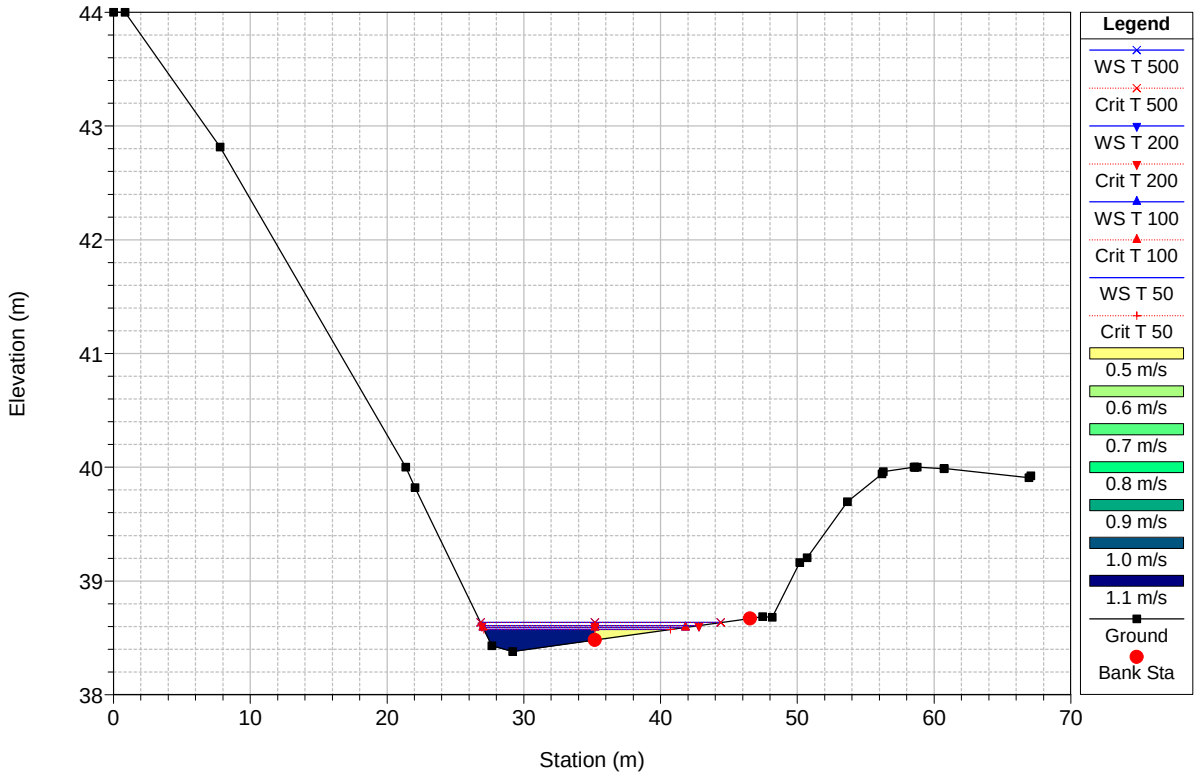
River = SP_NE Reach = tr_crt RS = 460



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

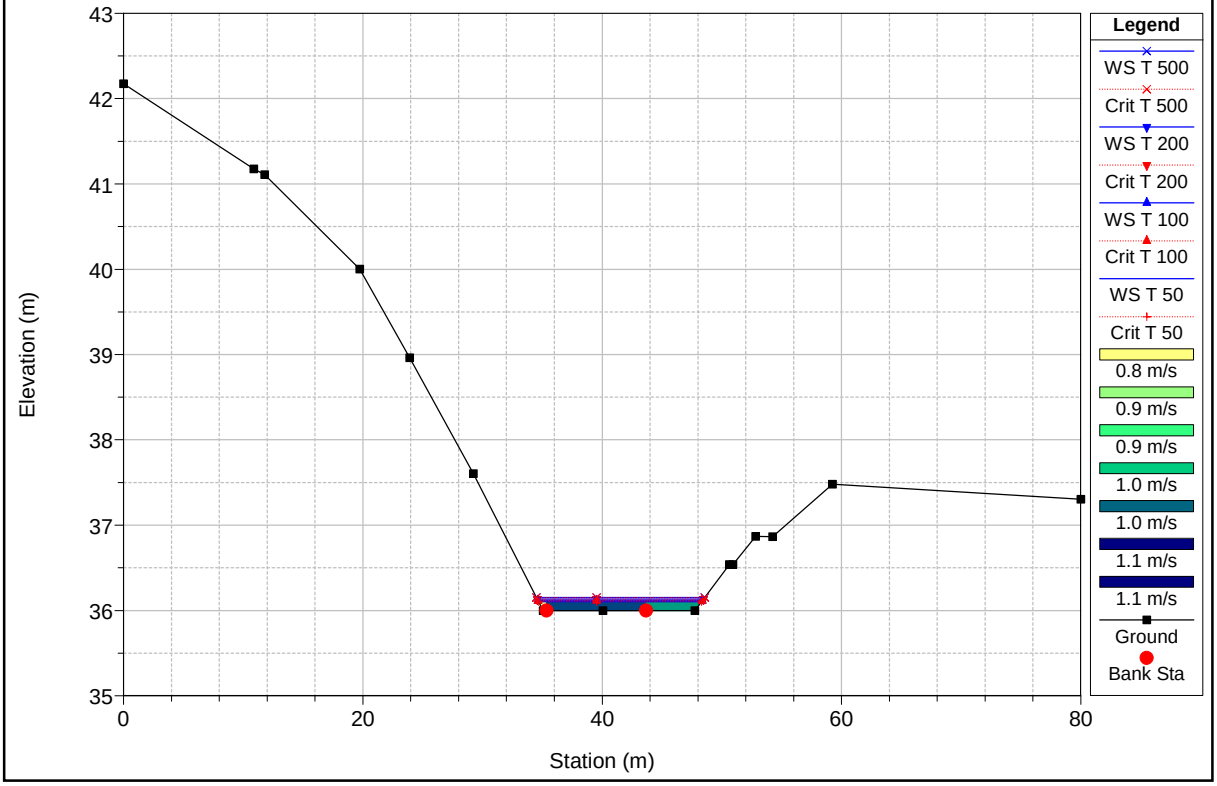
River = SP_NE Reach = tr_crt RS = 440



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

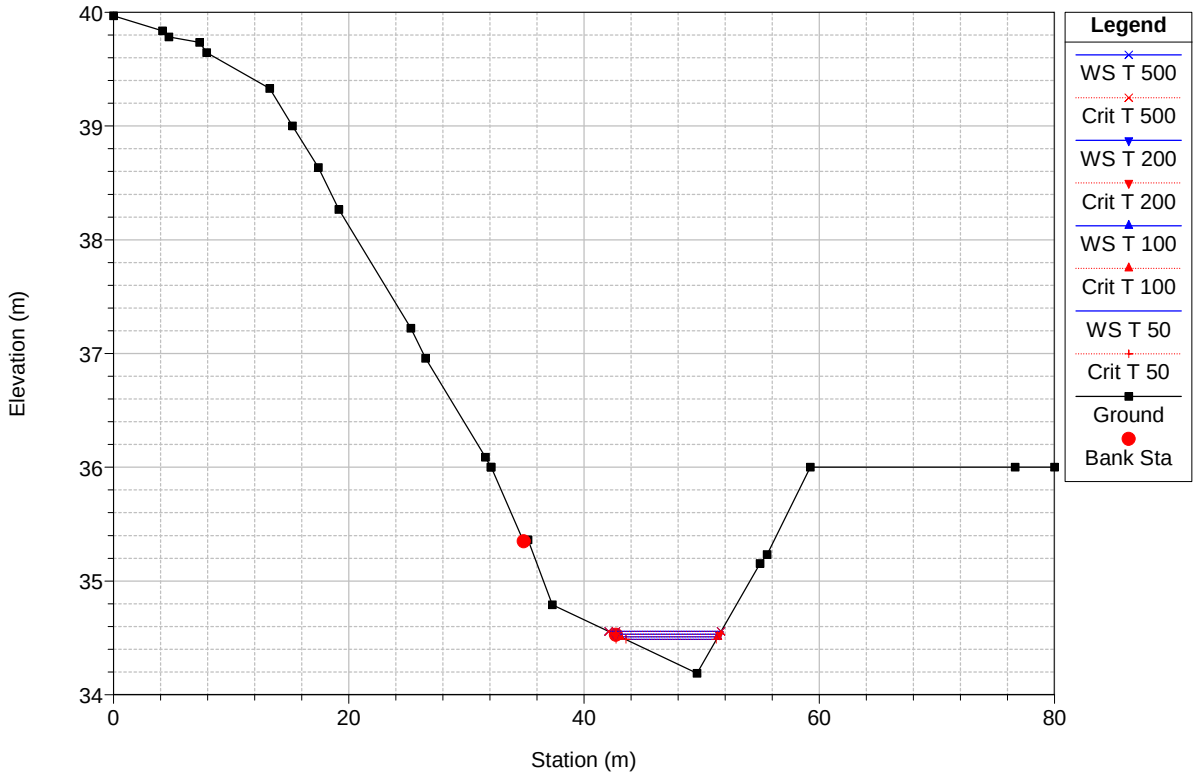
River = SP_NE Reach = tr_crt RS = 420



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

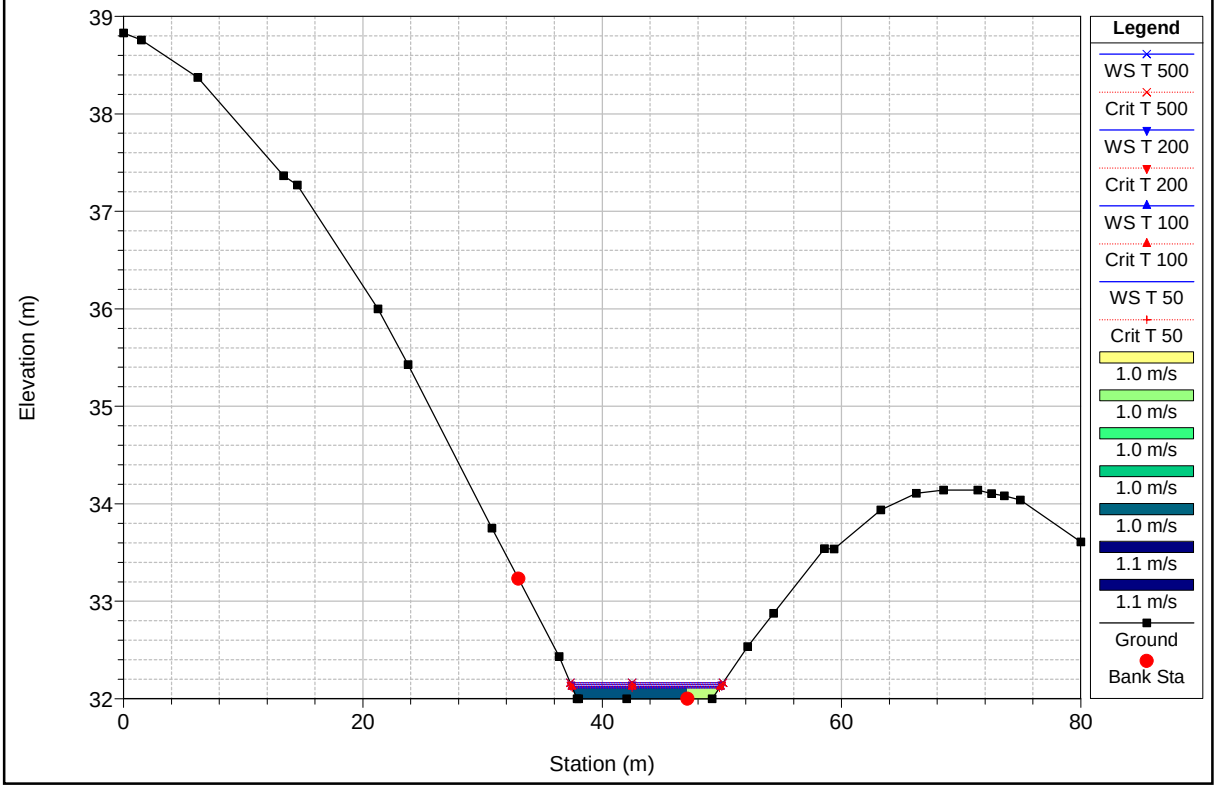
River = SP_NE Reach = tr_crt RS = 400



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

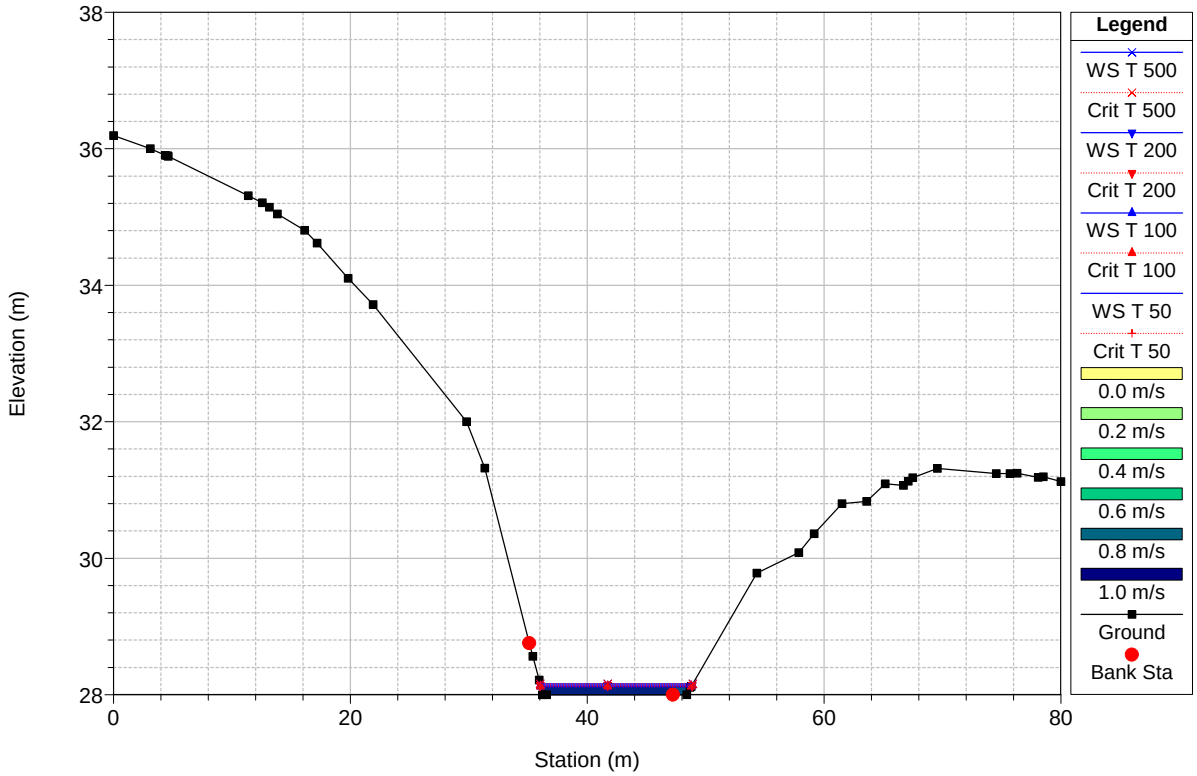
River = SP_NE Reach = tr_crt RS = 380



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

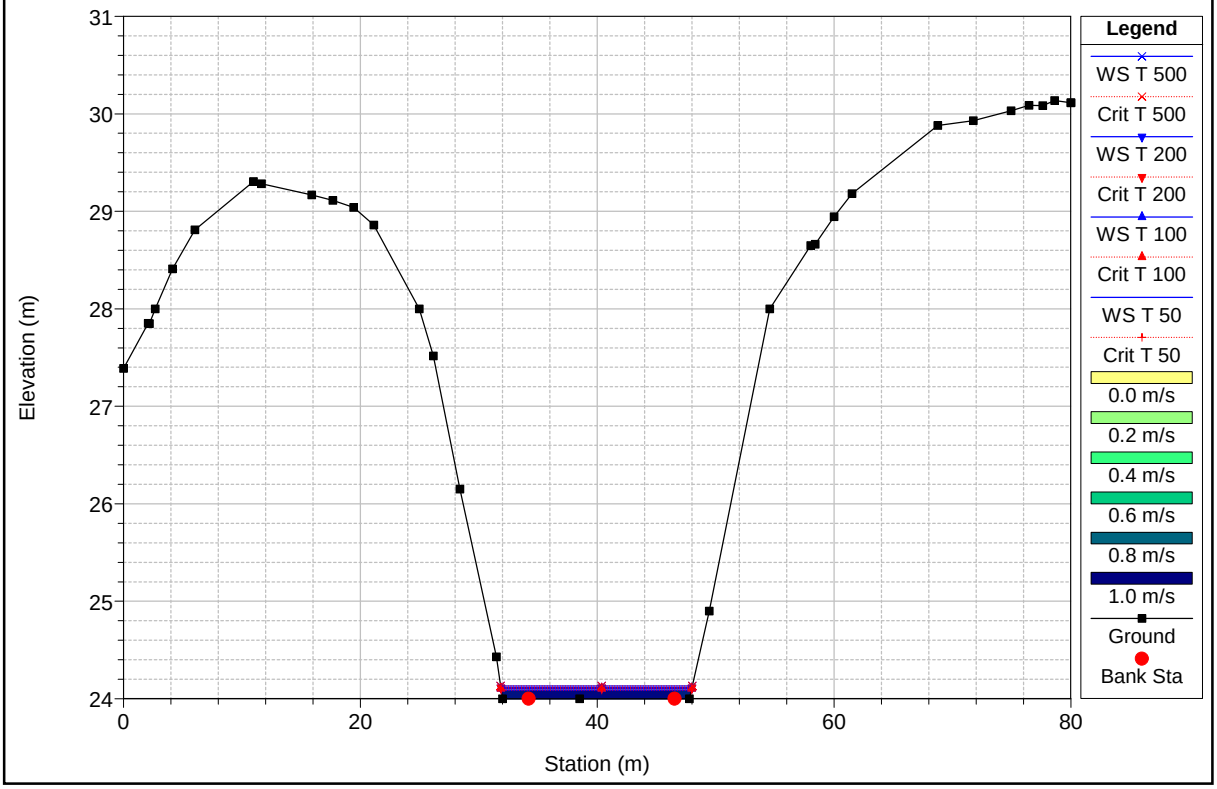
River = SP_NE Reach = tr_crt RS = 360



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

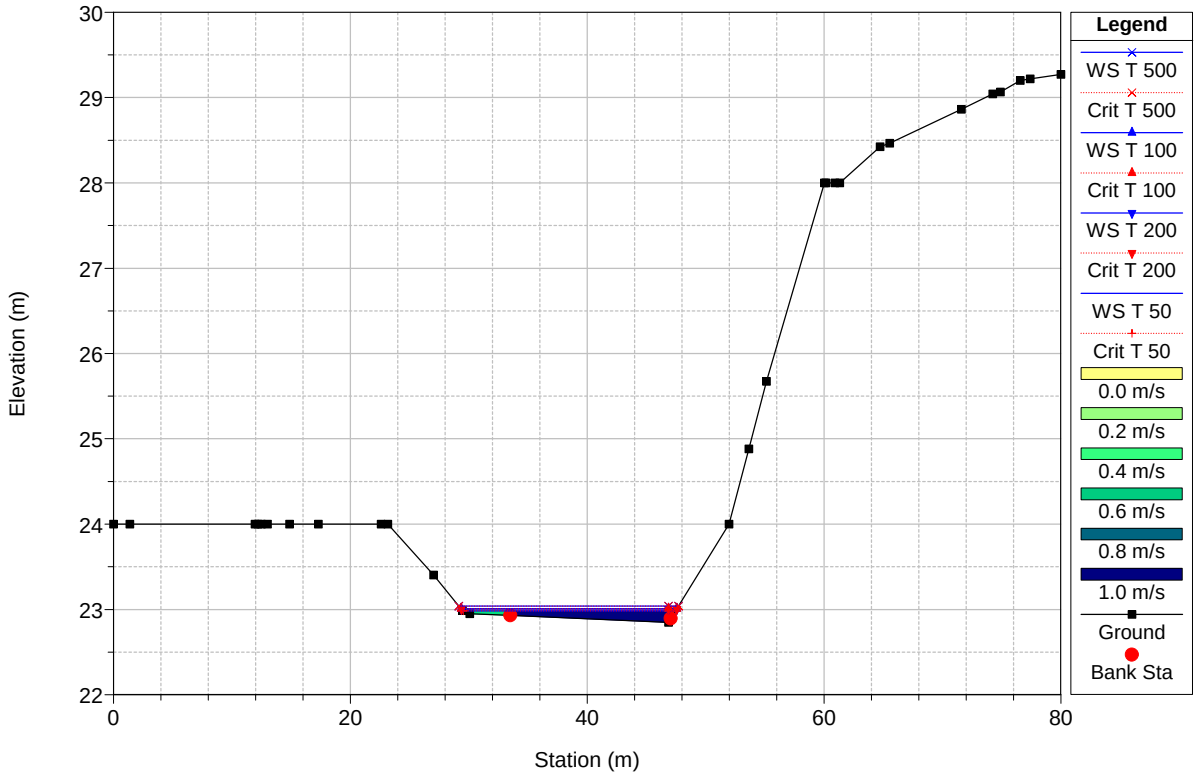
River = SP_NE Reach = tr_crt RS = 340



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

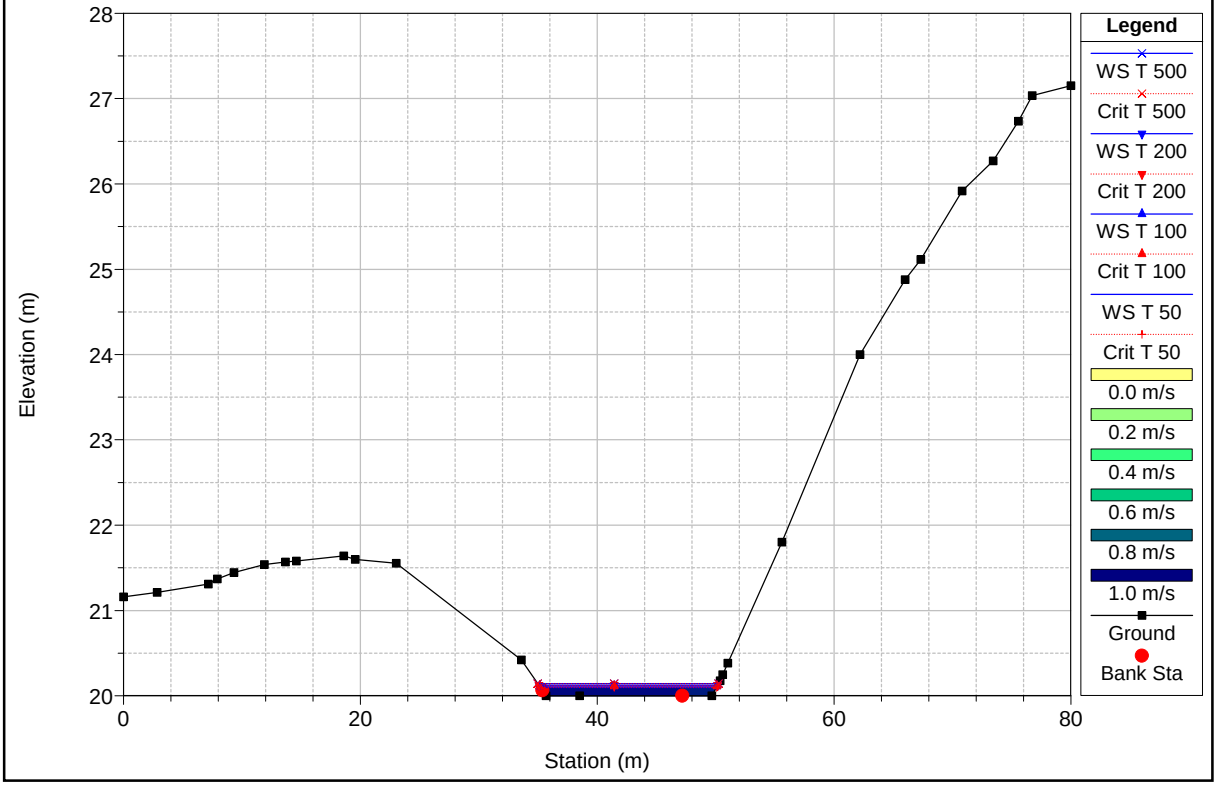
River = SP_NE Reach = tr_crt RS = 320



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

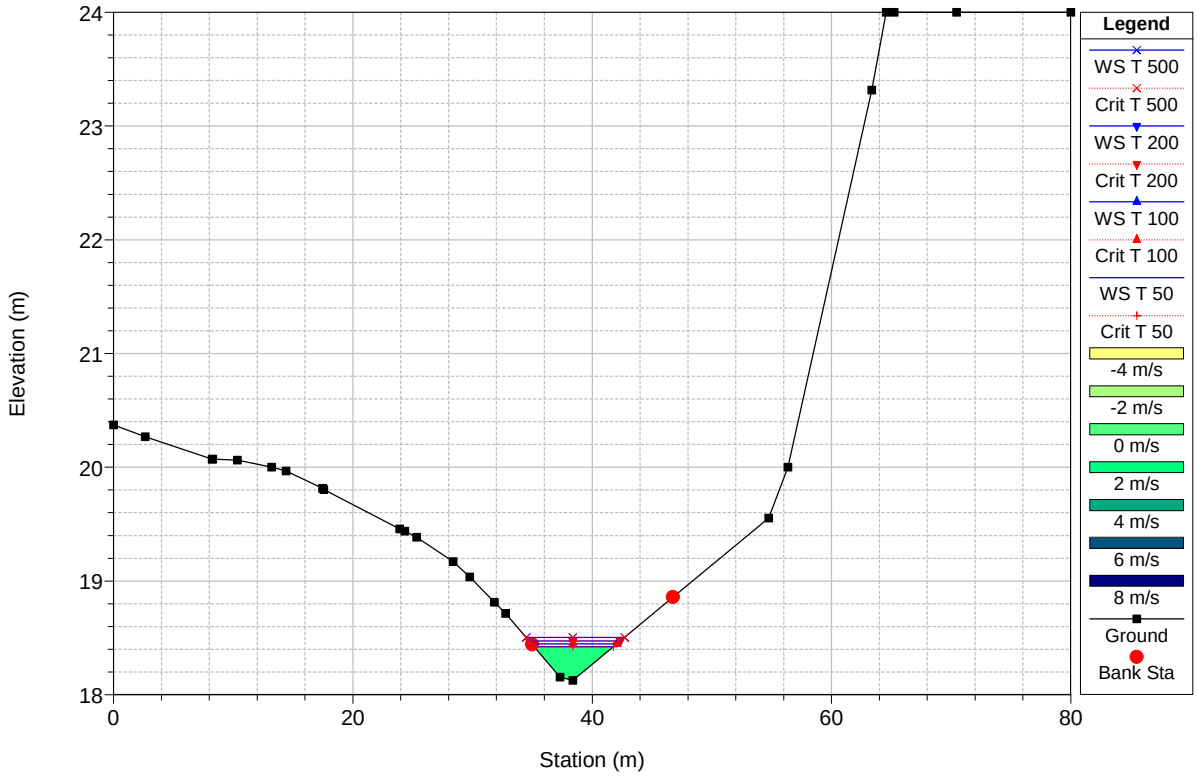
River = SP_NE Reach = tr_crt RS = 300



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

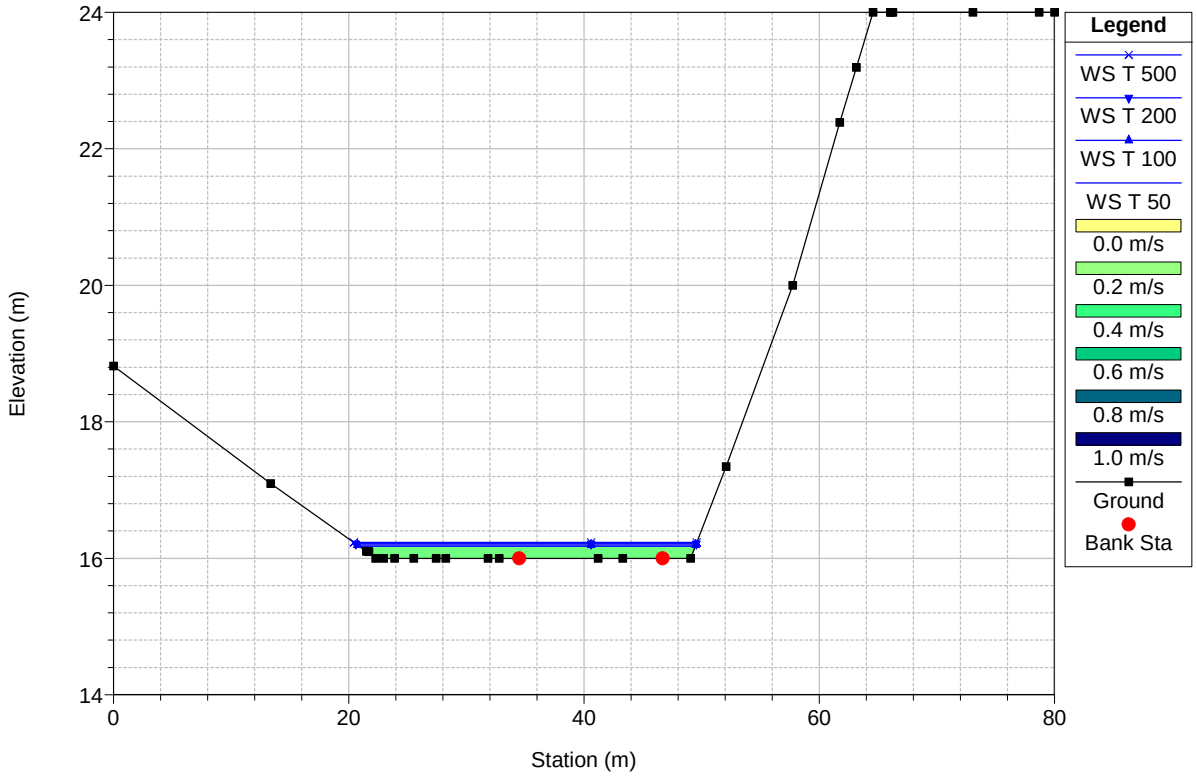
River = SP_NE Reach = tr_crt RS = 280



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

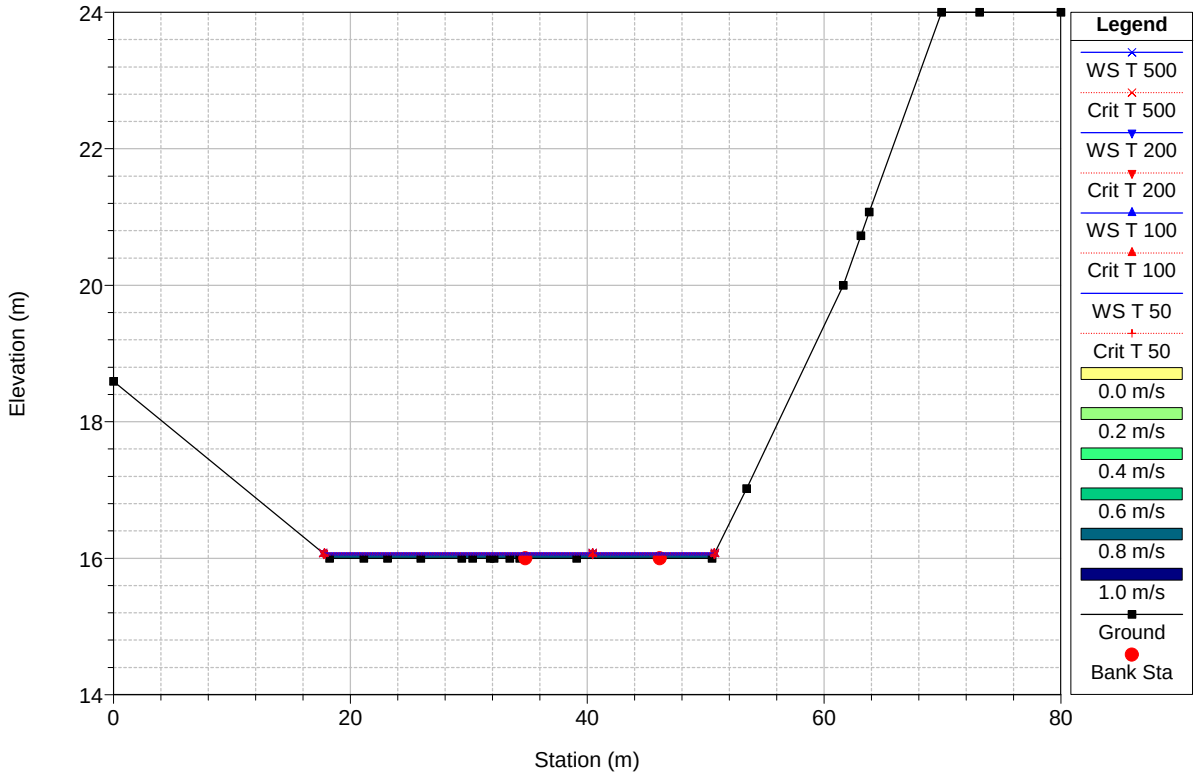
River = SP_NE Reach = tr_crt RS = 260



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

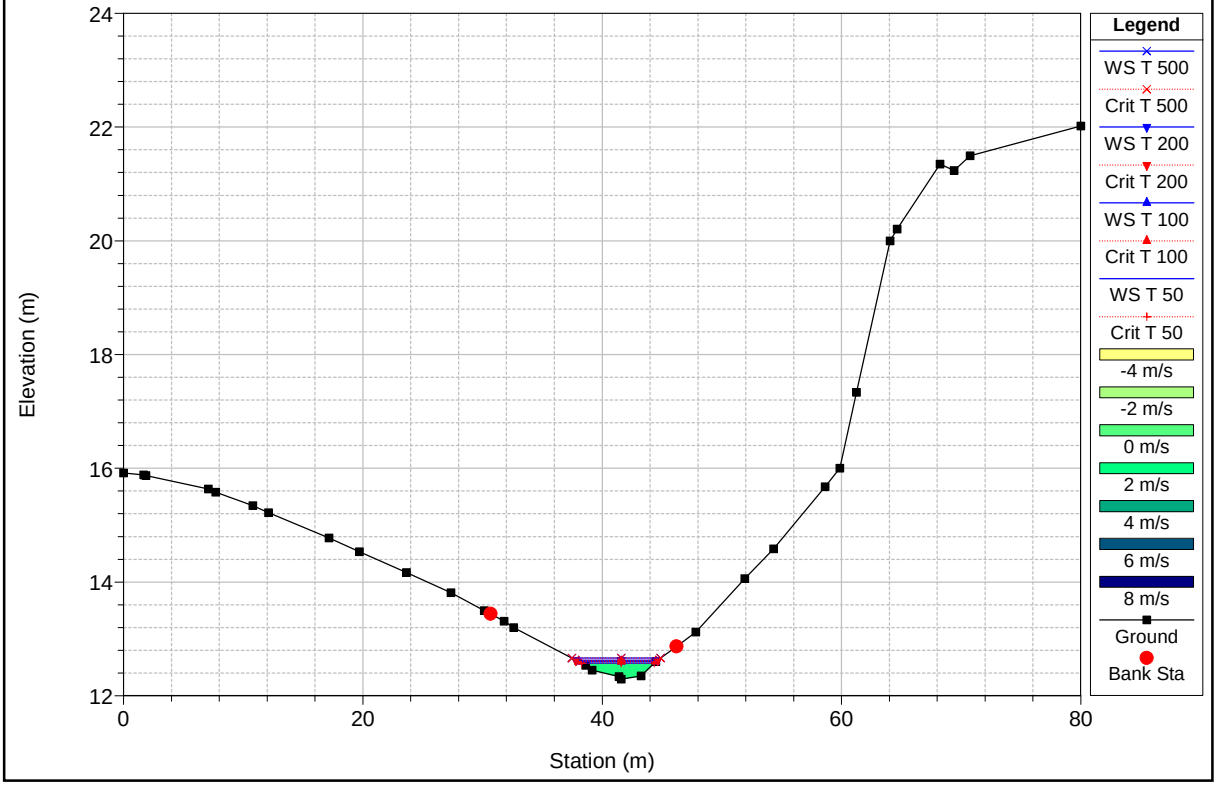
River = SP_NE Reach = tr_crt RS = 240



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

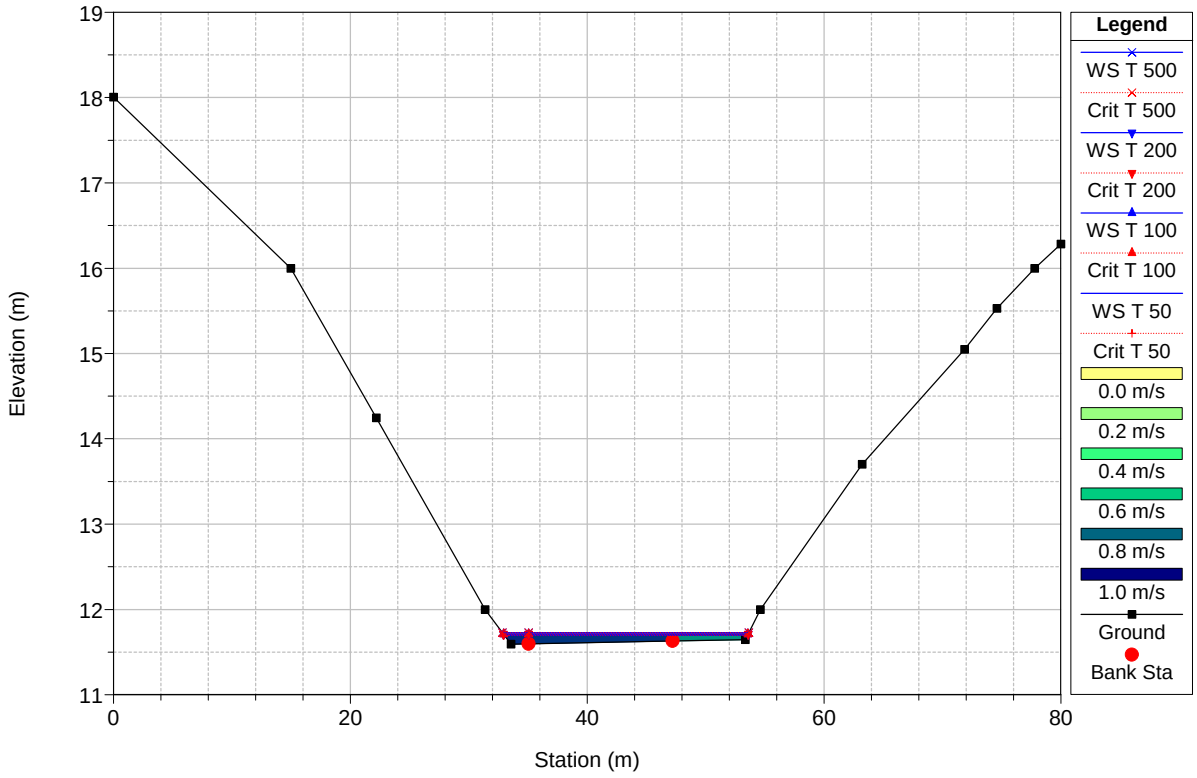
River = SP_NE Reach = tr_crt RS = 220



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

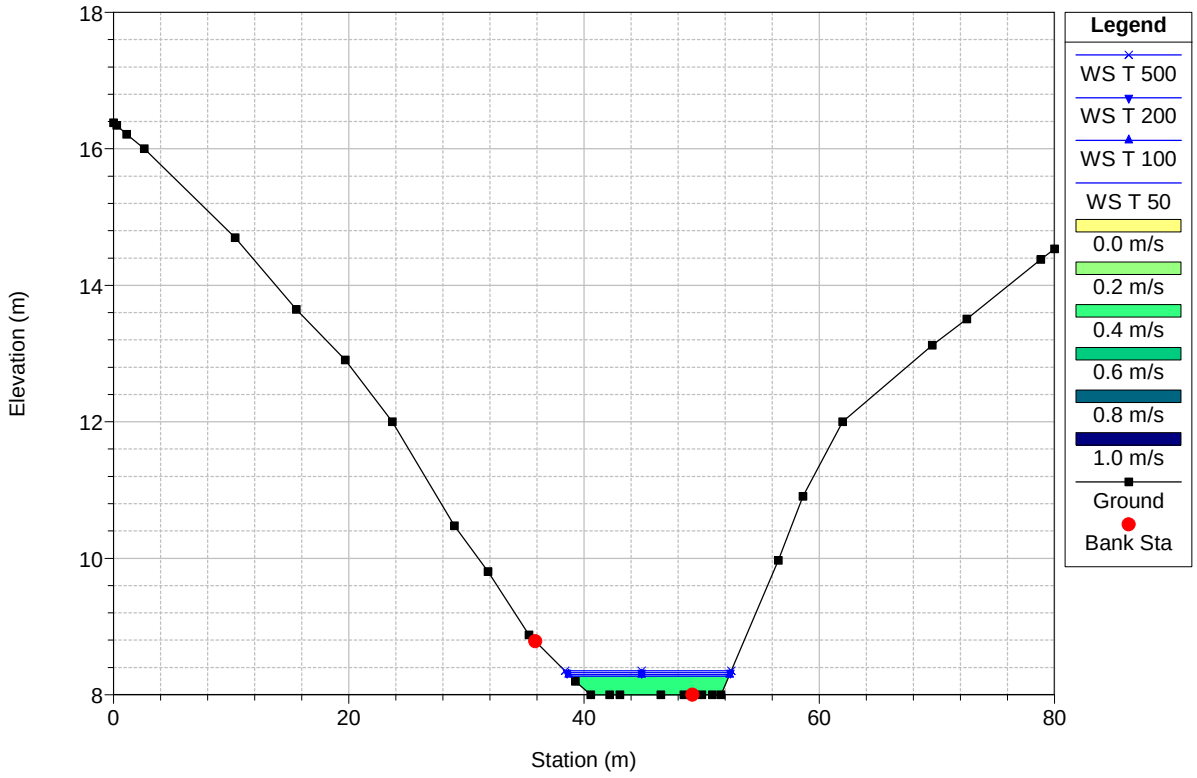
River = SP_NE Reach = tr_crt RS = 200



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

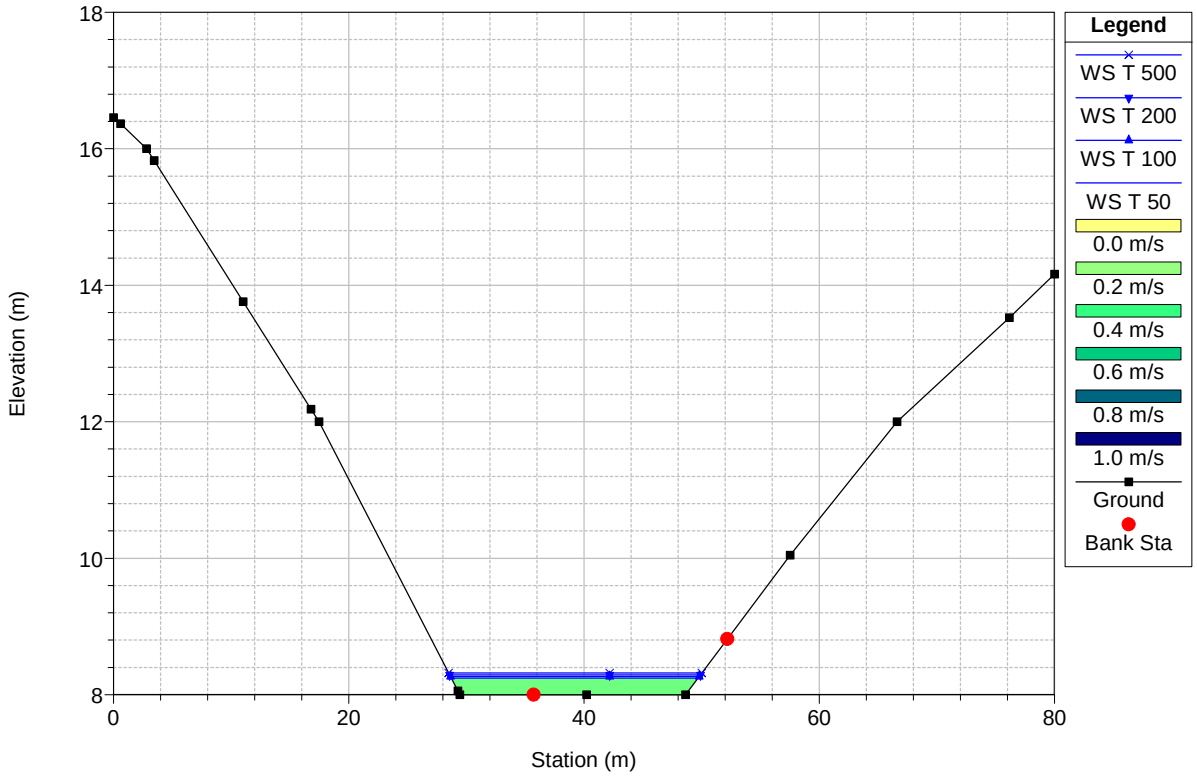
River = SP_NE Reach = tr_crt RS = 180



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

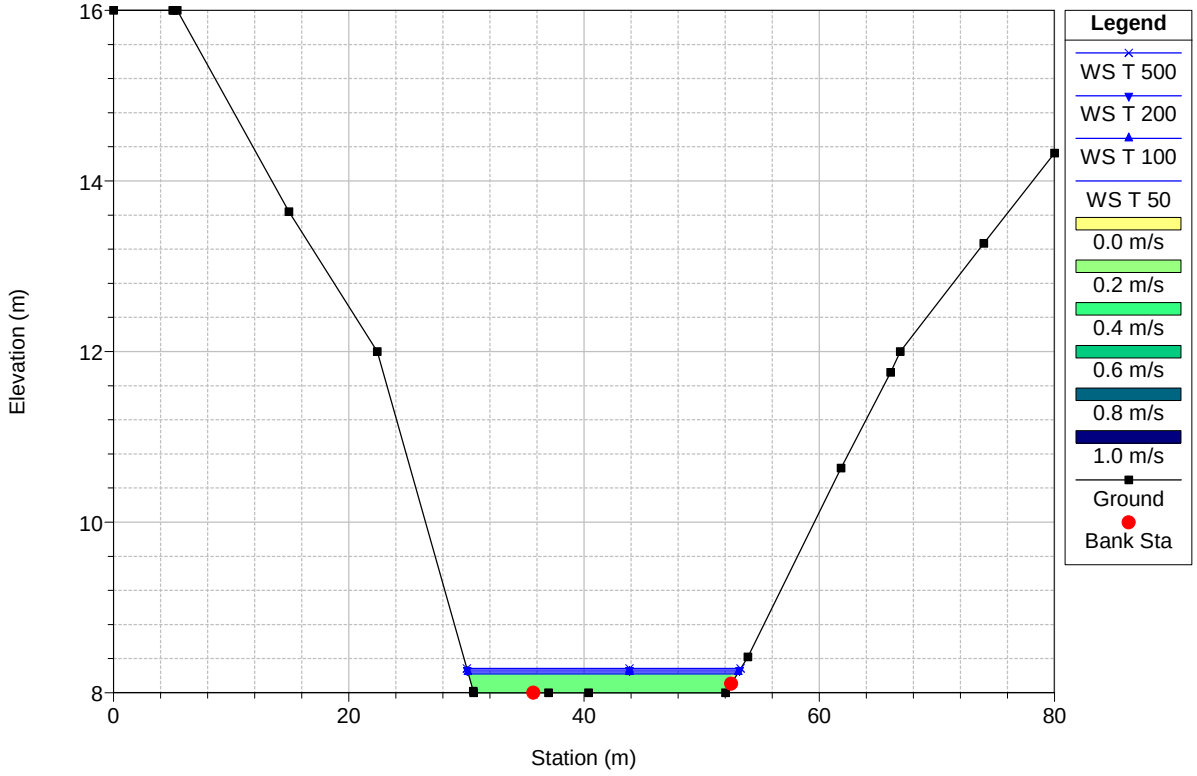
River = SP_NE Reach = tr_crt RS = 160



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

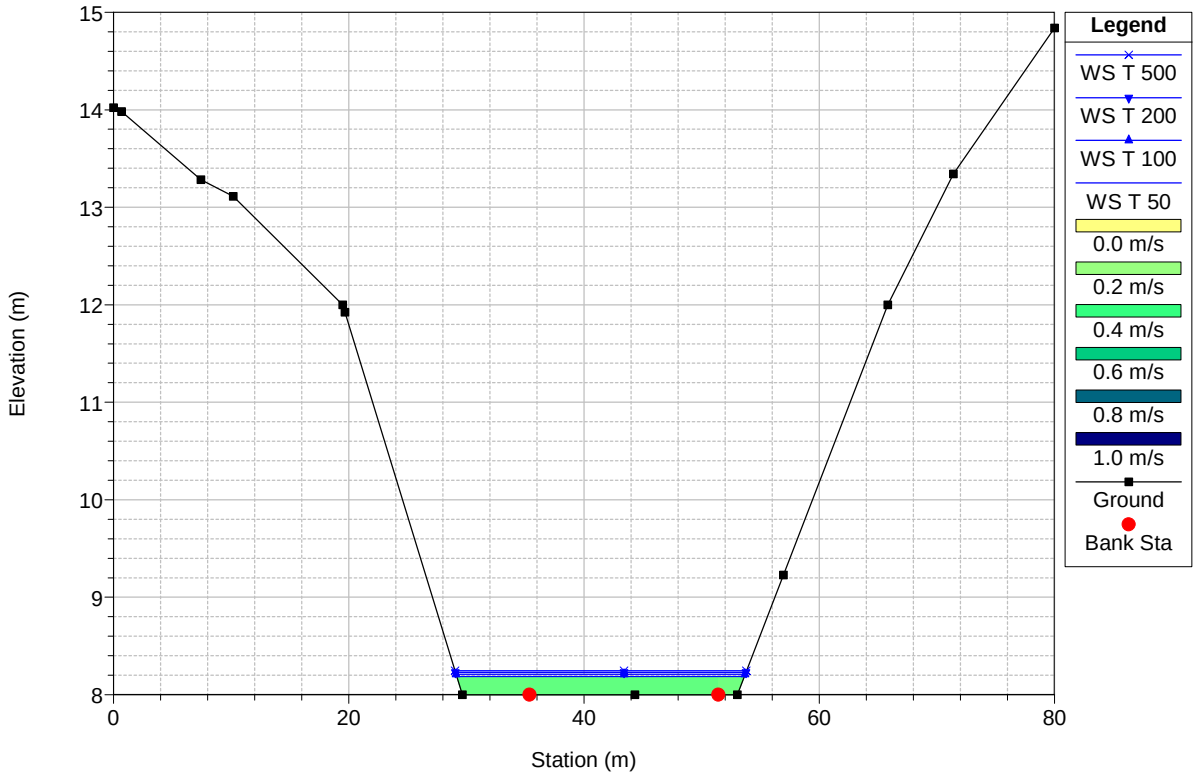
River = SP_NE Reach = tr_crt RS = 140



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

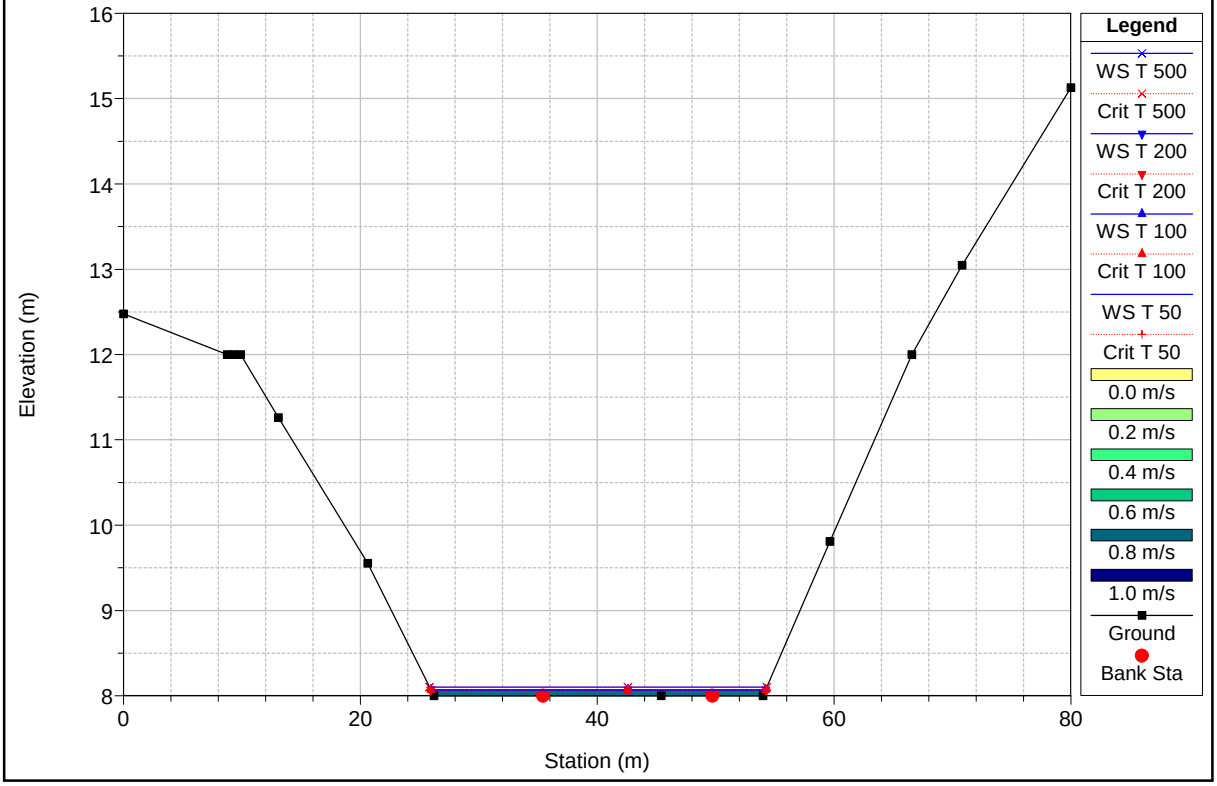
River = SP_NE Reach = tr_crt RS = 120



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

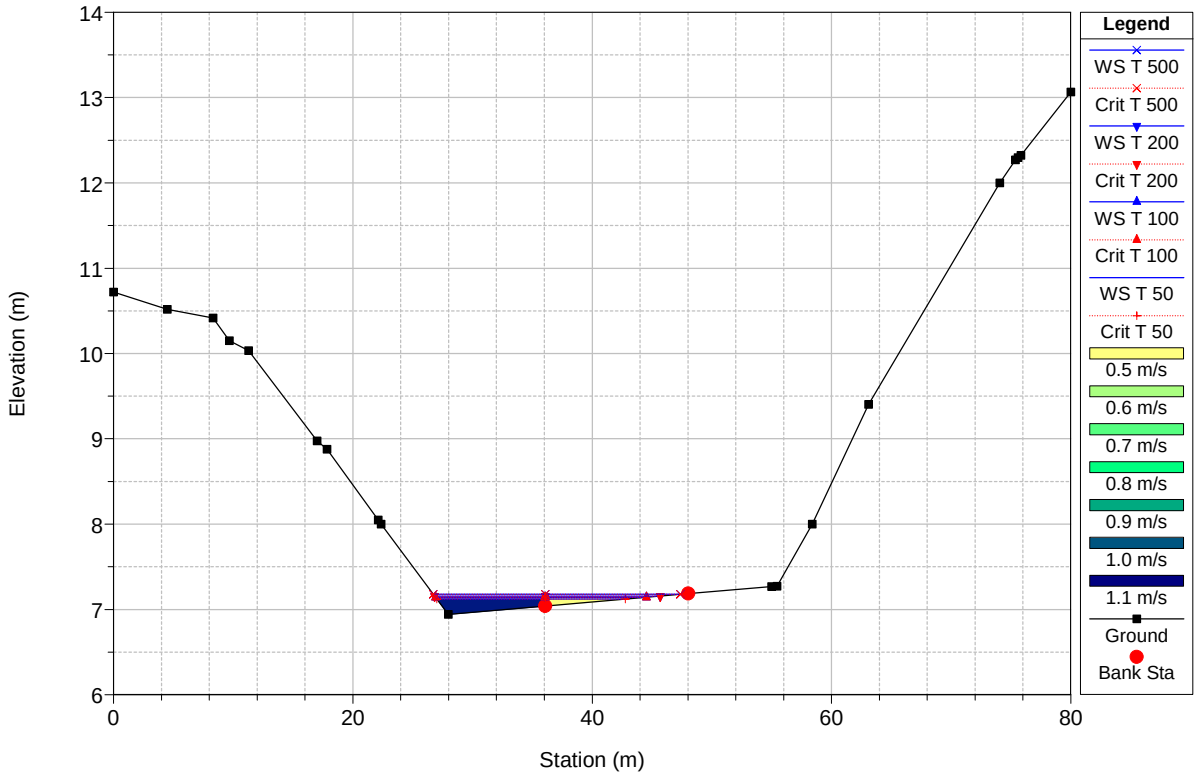
River = SP_NE Reach = tr_crt RS = 100



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

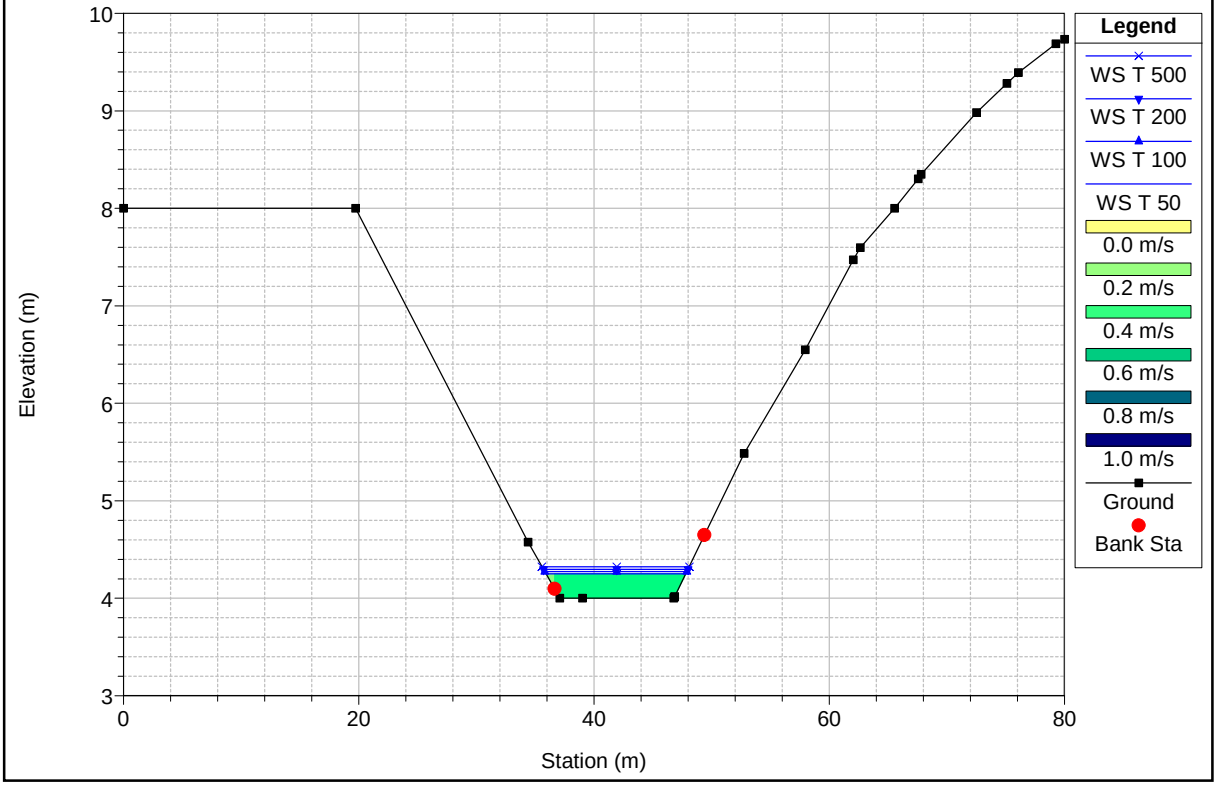
River = SP_NE Reach = tr_crt RS = 80



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

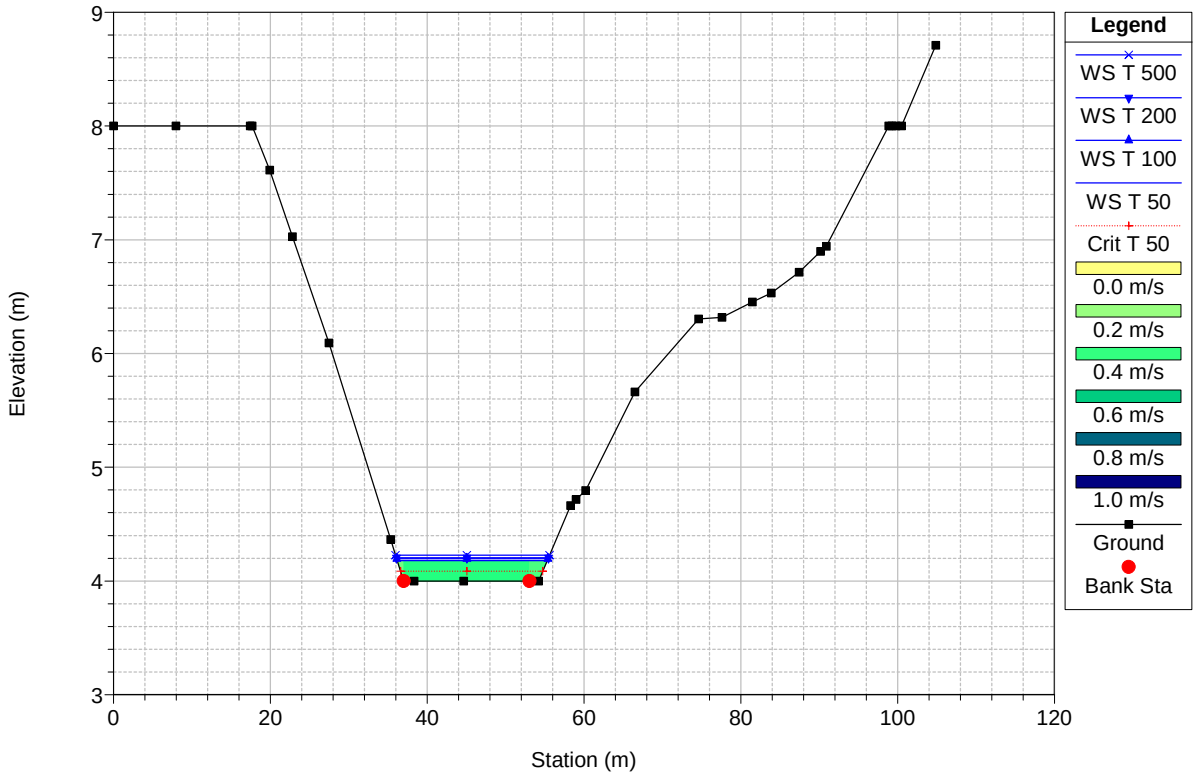
River = SP_NE Reach = tr_crt RS = 60



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

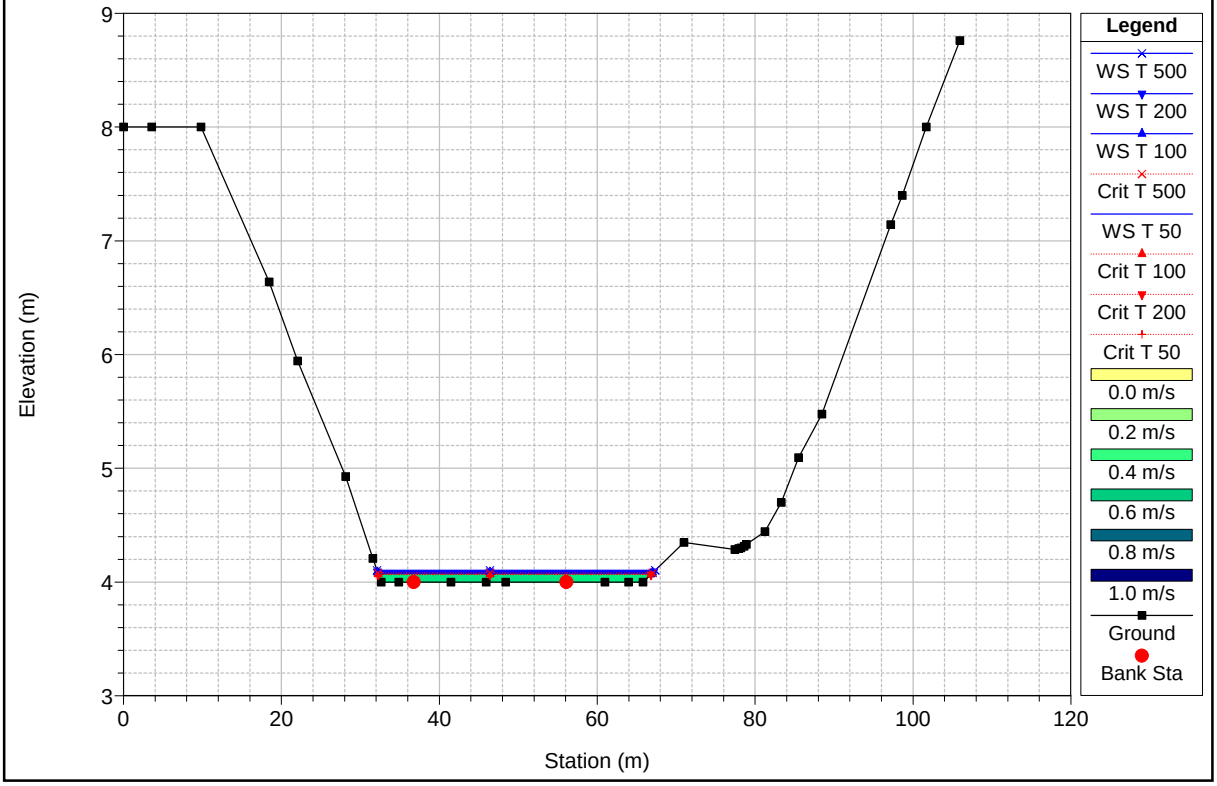
River = SP_NE Reach = tr_crt RS = 40



MODELLO SB_NE Plan: Plan 01

Geom: SI Flow: Flow 01

River = SP_NE Reach = tr_crt RS = 28



HEC-RAS Plan: Plan 01 River: SP_NE Reach: tr_crt

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)	
tr_crt	960	T 50	1.37	70.61	70.74	70.74	70.83	0.029145	0.61	1.11	6.75	0.77
tr_crt	960	T 100	1.67	70.61	70.77	70.77	70.86	0.027915	0.68	1.31	7.33	0.78
tr_crt	960	T 200	1.98	70.61	70.80	70.80	70.89	0.027018	0.74	1.51	7.86	0.78
tr_crt	960	T 500	2.42	70.61	70.83	70.83	70.93	0.026120	0.82	1.78	8.54	0.79
tr_crt	940	T 50	1.37	67.96	68.06	68.06	68.09	0.031488	0.80	1.79	21.35	0.84
tr_crt	940	T 100	1.67	67.96	68.06	68.06	68.11	0.056866	1.03	1.69	21.33	1.12
tr_crt	940	T 200	1.98	67.96	68.09	68.09	68.13	0.030249	0.91	2.27	21.48	0.86
tr_crt	940	T 500	2.42	67.96	68.09	68.09	68.15	0.046595	1.12	2.25	21.47	1.06
tr_crt	920	T 50	1.37	64.00	64.11	64.11	64.17	0.047622	1.09	1.28	12.41	1.07
tr_crt	920	T 100	1.67	64.00	64.12	64.12	64.19	0.042651	1.14	1.50	12.55	1.03
tr_crt	920	T 200	1.98	64.00	64.14	64.14	64.21	0.038117	1.18	1.72	12.69	1.00
tr_crt	920	T 500	2.42	64.00	64.16	64.16	64.24	0.036440	1.26	1.98	12.85	1.00
tr_crt	900	T 50	1.37	60.00	60.27		60.28	0.003915	0.55	2.51	10.09	0.35
tr_crt	900	T 100	1.67	60.00	60.30		60.32	0.003837	0.59	2.86	10.27	0.35
tr_crt	900	T 200	1.98	60.00	60.32		60.34	0.004434	0.66	3.05	10.35	0.38
tr_crt	900	T 500	2.42	60.00	60.35		60.38	0.004716	0.72	3.40	10.52	0.40
tr_crt	880	T 50	1.37	60.00	60.08	60.08	60.11	0.035153	0.77	1.79	22.60	0.87
tr_crt	880	T 100	1.67	60.00	60.08	60.08	60.12	0.049826	0.93	1.81	22.61	1.04
tr_crt	880	T 200	1.98	60.00	60.09	60.09	60.14	0.043887	0.96	2.09	22.67	1.00
tr_crt	880	T 500	2.42	60.00	60.10	60.10	60.16	0.046540	1.05	2.32	22.71	1.05
tr_crt	860	T 50	1.37	58.08	58.28	58.28	58.34	0.039198	1.02	1.35	13.24	0.97
tr_crt	860	T 100	1.67	58.08	58.30	58.30	58.36	0.037512	1.09	1.57	14.27	0.97
tr_crt	860	T 200	1.98	58.08	58.31	58.31	58.38	0.040427	1.19	1.72	14.94	1.02
tr_crt	860	T 500	2.42	58.08	58.35	58.35	58.41	0.025889	1.11	2.29	15.93	0.85
tr_crt	840	T 50	1.37	56.00	56.23		56.24	0.002936	0.45	3.10	14.02	0.30
tr_crt	840	T 100	1.67	56.00	56.26		56.27	0.003123	0.50	3.44	14.15	0.32
tr_crt	840	T 200	1.98	56.00	56.28		56.29	0.003334	0.55	3.75	14.26	0.33
tr_crt	840	T 500	2.42	56.00	56.29		56.31	0.004090	0.63	3.99	14.35	0.37
tr_crt	820	T 50	1.37	56.00	56.06	56.06	56.09	0.050580	0.77	1.78	29.55	1.00
tr_crt	820	T 100	1.67	56.00	56.07	56.07	56.10	0.054516	0.85	1.96	29.58	1.05
tr_crt	820	T 200	1.98	56.00	56.07	56.07	56.12	0.063992	0.96	2.07	29.60	1.15
tr_crt	820	T 500	2.42	56.00	56.10	56.10	56.13	0.031972	0.84	2.89	29.73	0.86
tr_crt	800	T 50	1.37	52.29	52.60	52.57	52.64	0.018955	0.89	1.54	10.29	0.72
tr_crt	800	T 100	1.67	52.29	52.63		52.67	0.014965	0.88	1.91	10.74	0.65
tr_crt	800	T 200	1.98	52.29	52.65	52.60	52.69	0.017124	0.98	2.04	10.90	0.71
tr_crt	800	T 500	2.42	52.29	52.67	52.63	52.73	0.017031	1.05	2.34	11.26	0.72
tr_crt	780	T 50	1.37	52.00	52.10	52.10	52.14	0.032297	0.86	1.60	16.08	0.87
tr_crt	780	T 100	1.67	52.00	52.10	52.10	52.16	0.047507	1.05	1.60	16.08	1.05
tr_crt	780	T 200	1.98	52.00	52.12	52.12	52.18	0.040763	1.07	1.87	16.28	1.00
tr_crt	780	T 500	2.42	52.00	52.13	52.13	52.20	0.042733	1.17	2.09	16.43	1.04
tr_crt	760	T 50	1.37	50.83	51.09	51.09	51.16	0.038520	1.15	1.21	9.04	1.00
tr_crt	760	T 100	1.67	50.83	51.11	51.11	51.19	0.038789	1.21	1.39	9.72	1.01
tr_crt	760	T 200	1.98	50.83	51.13	51.13	51.21	0.036775	1.24	1.62	10.47	1.00
tr_crt	760	T 500	2.42	50.83	51.16	51.16	51.24	0.035994	1.29	1.93	11.94	1.00
tr_crt	740	T 50	1.37	48.00	48.21		48.22	0.005789	0.55	2.48	13.23	0.41
tr_crt	740	T 100	1.67	48.00	48.23		48.25	0.006382	0.61	2.73	13.47	0.43
tr_crt	740	T 200	1.98	48.00	48.24		48.27	0.006948	0.67	2.97	13.69	0.46
tr_crt	740	T 500	2.42	48.00	48.27		48.29	0.007686	0.74	3.27	13.97	0.49
tr_crt	720	T 50	1.37	48.00	48.16		48.16	0.001710	0.27	5.26	35.06	0.22
tr_crt	720	T 100	1.67	48.00	48.17		48.18	0.001829	0.30	5.83	35.43	0.23
tr_crt	720	T 200	1.98	48.00	48.19		48.19	0.001943	0.32	6.36	35.77	0.24
tr_crt	720	T 500	2.42	48.00	48.21		48.21	0.002072	0.36	7.07	36.21	0.25
tr_crt	700	T 50	1.37	48.00	48.06	48.06	48.07	0.031251	0.58	2.39	43.07	0.78
tr_crt	700	T 100	1.67	48.00	48.06	48.06	48.08	0.038638	0.66	2.53	43.12	0.87
tr_crt	700	T 200	1.98	48.00	48.06	48.06	48.09	0.057244	0.80	2.49	43.11	1.06
tr_crt	700	T 500	2.42	48.00	48.07	48.07	48.10	0.048411	0.82	2.96	43.27	1.00
tr_crt	680	T 50	1.37	46.55	46.72	46.72	46.78	0.030323	0.75	1.25	9.06	0.82
tr_crt	680	T 100	1.67	46.55	46.74	46.74	46.81	0.029758	0.80	1.46	9.81	0.83
tr_crt	680	T 200	1.98	46.55	46.76	46.76	46.84	0.030794	0.87	1.65	10.40	0.85
tr_crt	680	T 500	2.42	46.55	46.78	46.78	46.87	0.029903	0.93	1.94	11.30	0.86
tr_crt	660	T 50	1.37	44.69	44.96	44.96	45.03	0.038448	1.14	1.20	8.87	0.99
tr_crt	660	T 100	1.67	44.69	44.99	44.99	45.06	0.037480	1.19	1.40	9.60	1.00
tr_crt	660	T 200	1.98	44.69	45.01	45.01	45.08	0.036674	1.23	1.61	10.28	1.00
tr_crt	660	T 500	2.42	44.69	45.03	45.03	45.12	0.036679	1.30	1.87	11.08	1.01
tr_crt	640	T 50	1.37	44.00	44.22		44.23	0.003290	0.44	3.14	15.76	0.31
tr_crt	640	T 100	1.67	44.00	44.24		44.26	0.003602	0.49	3.47	16.08	0.33
tr_crt	640	T 200	1.98	44.00	44.26		44.28	0.003922	0.54	3.78	16.37	0.35

HEC-RAS Plan: Plan 01 River: SP_NE Reach: tr_crt (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)	
tr_crt	640	T 500	2.42	44.00	44.29		44.30	0.004311	0.59	4.18	16.74	0.37
tr_crt	620	T 50	1.37	44.00	44.17		44.17	0.001955	0.29	4.67	28.62	0.23
tr_crt	620	T 100	1.67	44.00	44.19		44.19	0.002172	0.33	5.11	28.83	0.25
tr_crt	620	T 200	1.98	44.00	44.20		44.20	0.002469	0.36	5.46	28.98	0.27
tr_crt	620	T 500	2.42	44.00	44.21		44.22	0.002814	0.41	5.94	29.20	0.29
tr_crt	600	T 50	1.37	44.00	44.05		44.07	0.027207	0.53	2.61	48.11	0.72
tr_crt	600	T 100	1.67	44.00	44.06	44.05	44.08	0.034398	0.61	2.74	48.17	0.82
tr_crt	600	T 200	1.98	44.00	44.07		44.09	0.027912	0.62	3.24	48.38	0.76
tr_crt	600	T 500	2.42	44.00	44.08		44.10	0.028057	0.67	3.65	48.55	0.77
tr_crt	580	T 50	1.37	43.22	43.11	43.11	43.17	0.043237		1.28	11.42	0.00
tr_crt	580	T 100	1.67	43.22	43.14	43.14	43.20	0.032789		1.64	12.84	0.00
tr_crt	580	T 200	1.98	43.22	43.15	43.15	43.22	0.038771		1.75	13.23	0.00
tr_crt	580	T 500	2.42	43.22	43.17	43.17	43.24	0.037633		2.05	14.28	0.00
tr_crt	560	T 50	1.37	40.91	41.17	41.17	41.24	0.052093	1.13	1.21	11.44	1.11
tr_crt	560	T 100	1.67	40.91	41.21	41.21	41.26	0.033471	1.04	1.60	12.37	0.92
tr_crt	560	T 200	1.98	40.91	41.21	41.21	41.28	0.047195	1.24	1.60	12.36	1.10
tr_crt	560	T 500	2.42	40.91	41.24	41.24	41.31	0.036982	1.21	2.00	13.22	0.99
tr_crt	540	T 50	1.37	40.00	40.26		40.27	0.001858	0.38	3.66	15.04	0.24
tr_crt	540	T 100	1.67	40.00	40.29		40.30	0.001909	0.42	4.11	15.31	0.25
tr_crt	540	T 200	1.98	40.00	40.32		40.33	0.002105	0.46	4.44	15.51	0.27
tr_crt	540	T 500	2.42	40.00	40.35		40.36	0.002281	0.50	4.93	15.79	0.28
tr_crt	520	T 50	1.37	40.00	40.11	40.11	40.16	0.044548	1.02	1.34	13.11	1.02
tr_crt	520	T 100	1.67	40.00	40.12	40.12	40.18	0.042621	1.09	1.54	13.27	1.02
tr_crt	520	T 200	1.98	40.00	40.14	40.14	40.20	0.039345	1.13	1.75	13.45	1.00
tr_crt	520	T 500	2.42	40.00	40.16	40.16	40.23	0.037552	1.20	2.02	13.66	1.00
tr_crt	500	T 50	1.37	39.31	39.93		39.94	0.000478	0.29	4.78	10.36	0.13
tr_crt	500	T 100	1.67	39.31	39.96		39.97	0.000591	0.33	5.09	10.60	0.15
tr_crt	500	T 200	1.98	39.31	39.99		40.00	0.000704	0.37	5.40	10.81	0.17
tr_crt	500	T 500	2.42	39.31	40.03		40.03	0.000813	0.41	6.64	43.67	0.18
tr_crt	480	T 50	1.37	39.00	39.93		39.93	0.000094	0.16	8.47	13.40	0.06
tr_crt	480	T 100	1.67	39.00	39.96		39.96	0.000123	0.19	8.87	13.76	0.07
tr_crt	480	T 200	1.98	39.00	39.99		39.99	0.000154	0.22	9.26	14.09	0.08
tr_crt	480	T 500	2.42	39.00	40.02		40.03	0.000194	0.25	10.53	48.21	0.09
tr_crt	460	T 50	1.37	39.65	39.85	39.85	39.92	0.039164	1.14	1.20	9.09	1.00
tr_crt	460	T 100	1.67	39.65	39.87	39.87	39.94	0.037770	1.19	1.40	9.63	1.00
tr_crt	460	T 200	1.98	39.65	39.89	39.89	39.97	0.036630	1.24	1.60	10.15	1.00
tr_crt	460	T 500	2.42	39.65	39.92	39.92	40.00	0.035587	1.30	1.86	10.81	1.00
tr_crt	440	T 50	1.37	38.48	38.57	38.57	38.63	0.031447	0.51	1.41	13.64	0.75
tr_crt	440	T 100	1.67	38.48	38.59	38.59	38.65	0.029633	0.56	1.67	14.81	0.75
tr_crt	440	T 200	1.98	38.48	38.61	38.61	38.67	0.028682	0.60	1.92	15.86	0.76
tr_crt	440	T 500	2.42	38.48	38.64	38.64	38.70	0.024628	0.63	2.37	17.57	0.73
tr_crt	420	T 50	1.37	36.00	36.10	36.10	36.16	0.042244	1.02	1.38	13.61	1.00
tr_crt	420	T 100	1.67	36.00	36.12	36.12	36.18	0.044828	1.12	1.53	13.71	1.05
tr_crt	420	T 200	1.98	36.00	36.13	36.13	36.20	0.039382	1.15	1.77	13.87	1.01
tr_crt	420	T 500	2.42	36.00	36.15	36.15	36.22	0.037360	1.23	2.04	14.04	1.00
tr_crt	400	T 50	1.37	34.53	34.49	34.49	34.56	0.037514		1.14	7.69	0.00
tr_crt	400	T 100	1.67	34.53	34.51	34.51	34.59	0.036579		1.33	8.32	0.00
tr_crt	400	T 200	1.98	34.53	34.53	34.53	34.62	0.035420	0.08	1.53	8.89	0.49
tr_crt	400	T 500	2.42	34.53	34.56	34.56	34.65	0.033855	0.25	1.76	9.57	0.65
tr_crt	380	T 50	1.37	32.00	32.11	32.11	32.17	0.041619	1.04	1.33	12.30	1.00
tr_crt	380	T 100	1.67	32.00	32.13	32.13	32.19	0.042759	1.14	1.49	12.42	1.03
tr_crt	380	T 200	1.98	32.00	32.14	32.14	32.21	0.038576	1.18	1.71	12.58	1.00
tr_crt	380	T 500	2.42	32.00	32.16	32.16	32.24	0.037034	1.25	1.97	12.76	1.00
tr_crt	360	T 50	1.37	28.00	28.12	28.12	28.16	0.030939	0.94	1.48	12.72	0.87
tr_crt	360	T 100	1.67	28.00	28.12	28.12	28.18	0.043958	1.13	1.50	12.73	1.04
tr_crt	360	T 200	1.98	28.00	28.14	28.14	28.21	0.038695	1.16	1.73	12.81	1.00
tr_crt	360	T 500	2.42	28.00	28.16	28.16	28.23	0.037127	1.24	1.98	12.90	1.00
tr_crt	340	T 50	1.37	24.00	24.09	24.09	24.14	0.050613	0.99	1.40	16.06	1.06
tr_crt	340	T 100	1.67	24.00	24.10	24.10	24.16	0.042391	1.01	1.66	16.11	1.00
tr_crt	340	T 200	1.98	24.00	24.11	24.11	24.17	0.044185	1.10	1.82	16.14	1.04
tr_crt	340	T 500	2.42	24.00	24.13	24.13	24.20	0.039514	1.15	2.13	16.20	1.01
tr_crt	320	T 50	1.37	22.85	22.98	22.98	23.03	0.047184	1.00	1.45	17.91	1.04
tr_crt	320	T 100	1.67	22.85	23.01	23.01	23.05	0.028780	0.92	1.92	18.23	0.85
tr_crt	320	T 200	1.98	22.85	23.01	23.01	23.07	0.044576	1.12	1.86	18.20	1.05
tr_crt	320	T 500	2.42	22.85	23.04	23.04	23.09	0.027574	1.04	2.46	18.53	0.86
tr_crt	300	T 50	1.37	20.00	20.10	20.10	20.15	0.044674	0.99	1.40	14.86	1.01

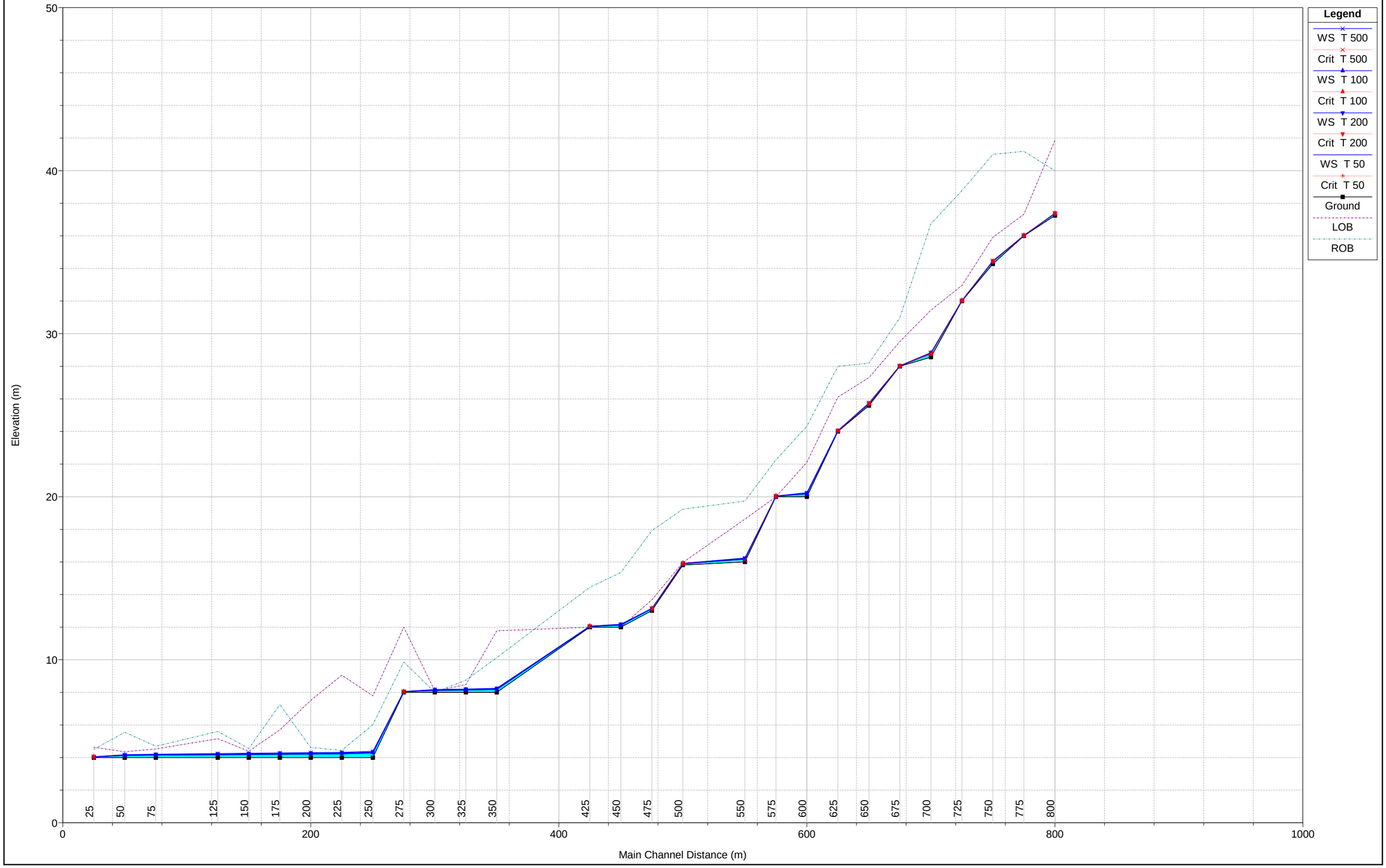
HEC-RAS Plan: Plan 01 River: SP_NE Reach: tr_crt (Continued)

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)	
tr_crt	300	T 100	1.67	20.00	20.11	20.11	20.17	0.042810	1.05	1.60	14.98	1.02
tr_crt	300	T 200	1.98	20.00	20.12	20.12	20.19	0.039940	1.10	1.82	15.11	1.00
tr_crt	300	T 500	2.42	20.00	20.14	20.14	20.21	0.037746	1.18	2.09	15.27	1.00
tr_crt	280	T 50	1.37	18.13	18.42	18.42	18.50	0.036191	1.26	1.08	6.60	1.00
tr_crt	280	T 100	1.67	18.13	18.45	18.45	18.54	0.035126	1.32	1.27	7.12	0.99
tr_crt	280	T 200	1.98	18.13	18.47	18.47	18.57	0.033731	1.37	1.45	7.60	0.99
tr_crt	280	T 500	2.42	18.13	18.50	18.50	18.61	0.032478	1.44	1.69	8.20	0.99
tr_crt	260	T 50	1.37	16.00	16.18		16.18	0.001631	0.28	4.93	28.60	0.21
tr_crt	260	T 100	1.67	16.00	16.19		16.20	0.001837	0.32	5.37	28.76	0.23
tr_crt	260	T 200	1.98	16.00	16.21		16.22	0.001909	0.35	5.90	28.95	0.24
tr_crt	260	T 500	2.42	16.00	16.23		16.24	0.002070	0.38	6.51	29.17	0.25
tr_crt	240	T 50	1.37	16.00	16.05	16.05	16.09	0.074472	0.83	1.65	32.80	1.18
tr_crt	240	T 100	1.67	16.00	16.06	16.06	16.10	0.050830	0.80	2.09	32.93	1.01
tr_crt	240	T 200	1.98	16.00	16.07	16.07	16.11	0.048540	0.85	2.35	33.01	1.01
tr_crt	240	T 500	2.42	16.00	16.08	16.08	16.12	0.054522	0.95	2.57	33.07	1.08
tr_crt	220	T 50	1.37	12.29	12.57	12.57	12.66	0.035918	1.30	1.05	6.09	1.00
tr_crt	220	T 100	1.67	12.29	12.60	12.60	12.70	0.035547	1.37	1.22	6.46	1.01
tr_crt	220	T 200	1.98	12.29	12.63	12.63	12.73	0.034701	1.42	1.39	6.86	1.01
tr_crt	220	T 500	2.42	12.29	12.66	12.66	12.77	0.032939	1.47	1.64	7.41	1.00
tr_crt	200	T 50	1.37	11.60	11.70	11.70	11.74	0.043556	0.90	1.60	20.54	0.98
tr_crt	200	T 100	1.67	11.60	11.71	11.71	11.75	0.043797	0.97	1.81	20.63	1.00
tr_crt	200	T 200	1.98	11.60	11.71	11.71	11.77	0.049822	1.08	1.93	20.68	1.08
tr_crt	200	T 500	2.42	11.60	11.73	11.73	11.79	0.048879	1.15	2.19	20.80	1.09
tr_crt	180	T 50	1.37	8.00	8.27		8.28	0.002233	0.41	3.33	13.46	0.27
tr_crt	180	T 100	1.67	8.00	8.30		8.31	0.002404	0.46	3.69	13.69	0.28
tr_crt	180	T 200	1.98	8.00	8.32		8.33	0.002580	0.50	4.02	13.89	0.29
tr_crt	180	T 500	2.42	8.00	8.35		8.37	0.002884	0.55	4.42	14.12	0.31
tr_crt	160	T 50	1.37	8.00	8.24		8.25	0.001114	0.28	4.89	20.96	0.19
tr_crt	160	T 100	1.67	8.00	8.27		8.27	0.001187	0.31	5.42	21.15	0.19
tr_crt	160	T 200	1.98	8.00	8.29		8.30	0.001269	0.34	5.90	21.31	0.20
tr_crt	160	T 500	2.42	8.00	8.32		8.32	0.001436	0.38	6.44	21.50	0.22
tr_crt	140	T 50	1.37	8.00	8.22		8.22	0.001249	0.28	4.86	22.85	0.19
tr_crt	140	T 100	1.67	8.00	8.24		8.25	0.001313	0.31	5.41	23.01	0.20
tr_crt	140	T 200	1.98	8.00	8.26		8.27	0.001396	0.34	5.89	23.15	0.21
tr_crt	140	T 500	2.42	8.00	8.29		8.29	0.001606	0.38	6.39	23.29	0.23
tr_crt	120	T 50	1.37	8.00	8.19		8.19	0.001791	0.31	4.50	24.45	0.23
tr_crt	120	T 100	1.67	8.00	8.21		8.22	0.001810	0.34	5.07	24.58	0.23
tr_crt	120	T 200	1.98	8.00	8.23		8.24	0.001902	0.36	5.54	24.69	0.24
tr_crt	120	T 500	2.42	8.00	8.25		8.25	0.002303	0.42	5.91	24.78	0.27
tr_crt	100	T 50	1.37	8.00	8.06	8.06	8.09	0.050106	0.78	1.76	28.22	1.00
tr_crt	100	T 100	1.67	8.00	8.07	8.07	8.11	0.054033	0.87	1.93	28.26	1.06
tr_crt	100	T 200	1.98	8.00	8.07	8.07	8.12	0.063640	0.98	2.04	28.29	1.16
tr_crt	100	T 500	2.42	8.00	8.10	8.10	8.14	0.031736	0.86	2.84	28.48	0.86
tr_crt	80	T 50	1.37	7.04	7.12	7.12	7.17	0.036549	0.50	1.42	15.75	0.80
tr_crt	80	T 100	1.67	7.04	7.14	7.14	7.19	0.029851	0.53	1.78	17.64	0.75
tr_crt	80	T 200	1.98	7.04	7.16	7.16	7.21	0.029522	0.58	2.04	18.86	0.76
tr_crt	80	T 500	2.42	7.04	7.18	7.18	7.24	0.027432	0.62	2.44	20.65	0.75
tr_crt	60	T 50	1.37	4.00	4.25		4.27	0.003548	0.51	2.72	11.89	0.33
tr_crt	60	T 100	1.67	4.00	4.28		4.29	0.003895	0.56	3.00	12.10	0.35
tr_crt	60	T 200	1.98	4.00	4.30		4.32	0.004222	0.62	3.26	12.28	0.37
tr_crt	60	T 500	2.42	4.00	4.32		4.35	0.004632	0.68	3.61	12.52	0.39
tr_crt	40	T 50	1.37	4.00	4.18	4.09	4.19	0.003703	0.43	3.26	19.12	0.32
tr_crt	40	T 100	1.67	4.00	4.19		4.21	0.004181	0.48	3.55	19.28	0.35
tr_crt	40	T 200	1.98	4.00	4.20		4.22	0.005004	0.55	3.74	19.38	0.39
tr_crt	40	T 500	2.42	4.00	4.23		4.24	0.005205	0.60	4.18	19.62	0.40
tr_crt	28	T 50	1.37	4.00	4.07	4.07	4.09	0.020016	0.55	2.51	34.63	0.65
tr_crt	28	T 100	1.67	4.00	4.08	4.07	4.10	0.020004	0.60	2.83	34.82	0.66
tr_crt	28	T 200	1.98	4.00	4.09	4.07	4.11	0.020037	0.64	3.14	35.00	0.67
tr_crt	28	T 500	2.42	4.00	4.10	4.08	4.13	0.020030	0.69	3.55	35.23	0.69

IL BACINO EX STU
Sub-bacino A

MODELLO_IDRAULICOstu Plan: Plan 02

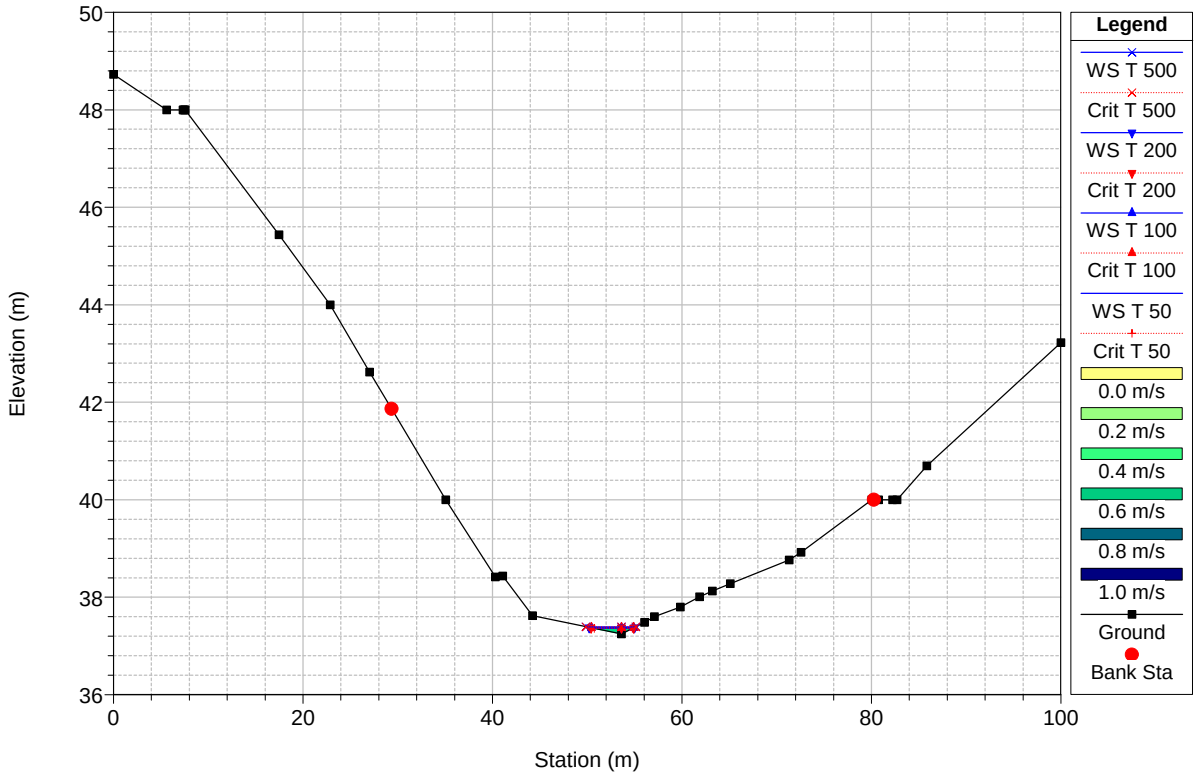
Geom: Geom 01 Flow: Flow 01



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

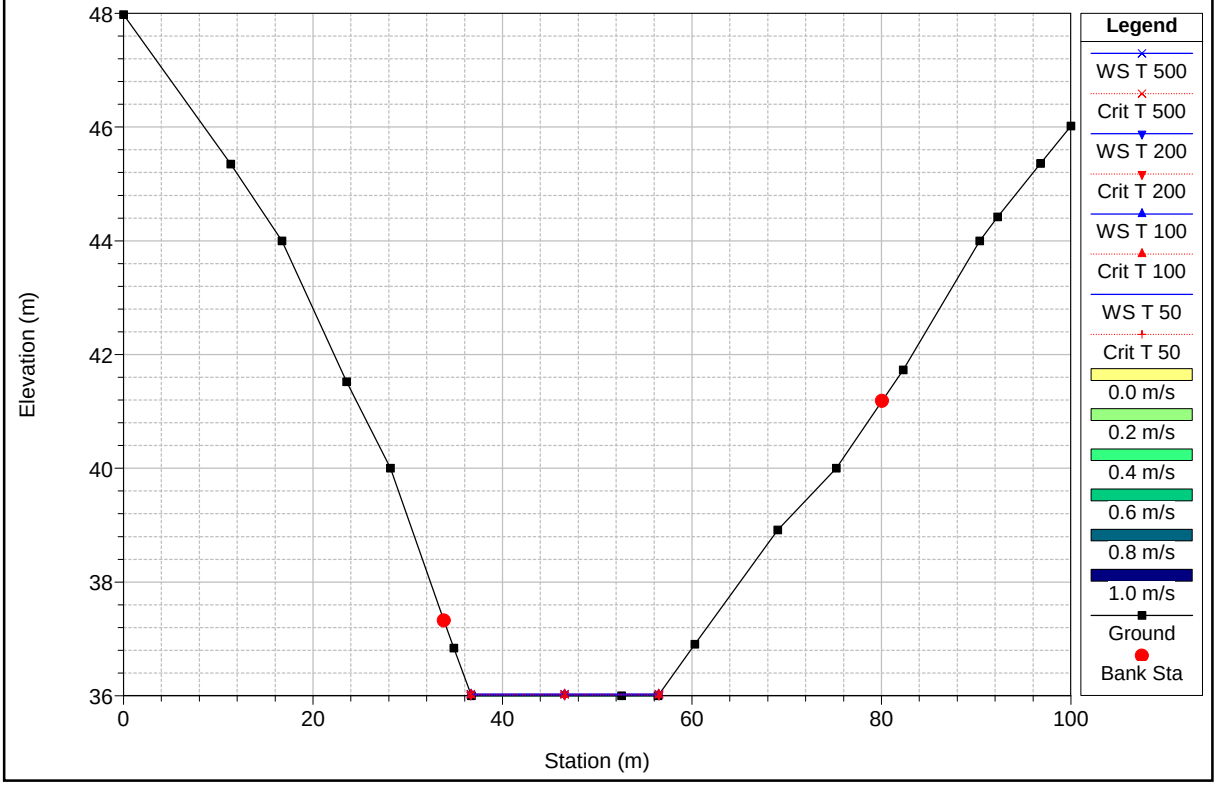
River = STU Reach = RAMO PRC RS = 800



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

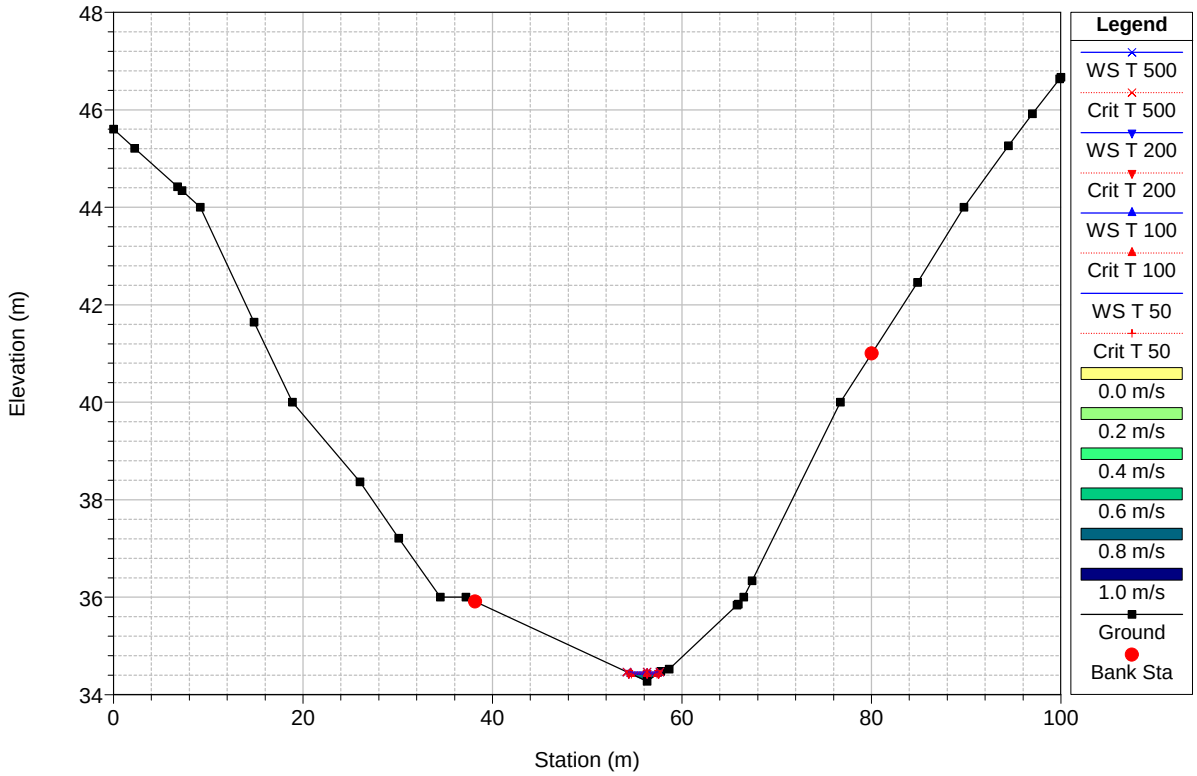
River = STU Reach = RAMO PRC RS = 775



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

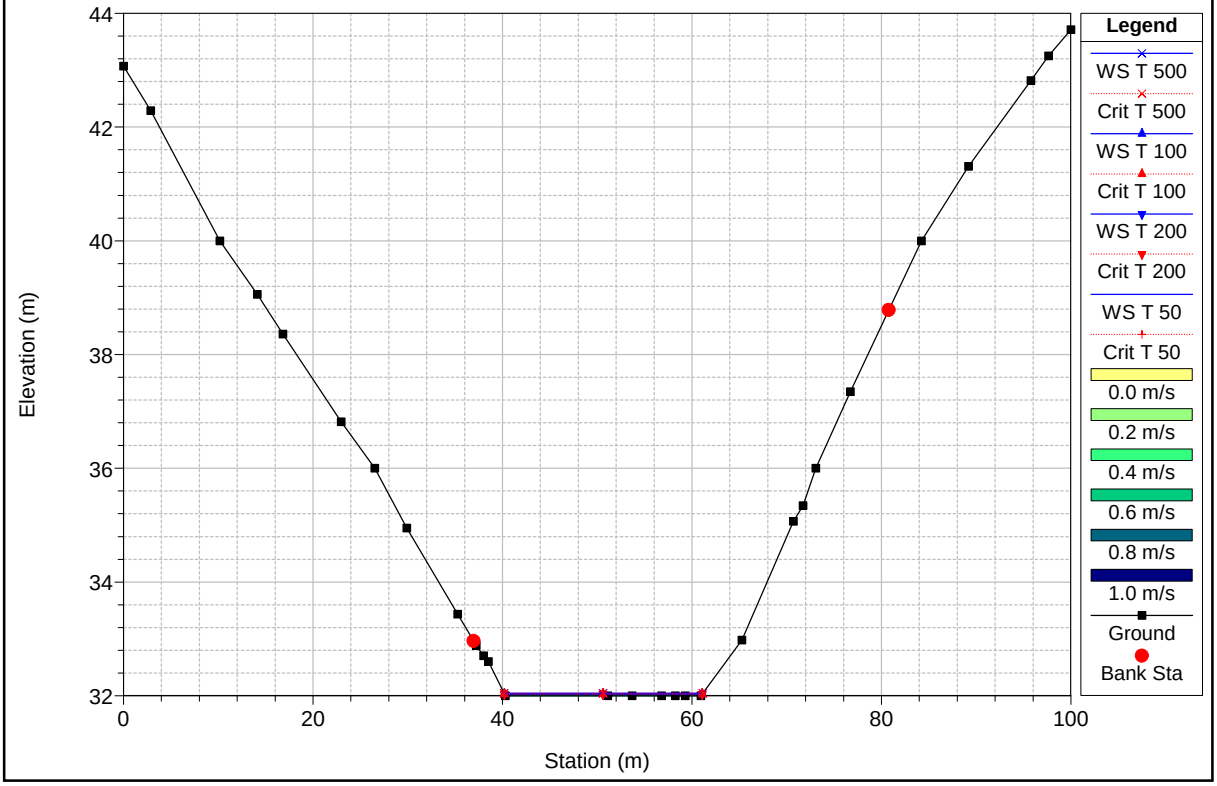
River = STU Reach = RAMO PRC RS = 750



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

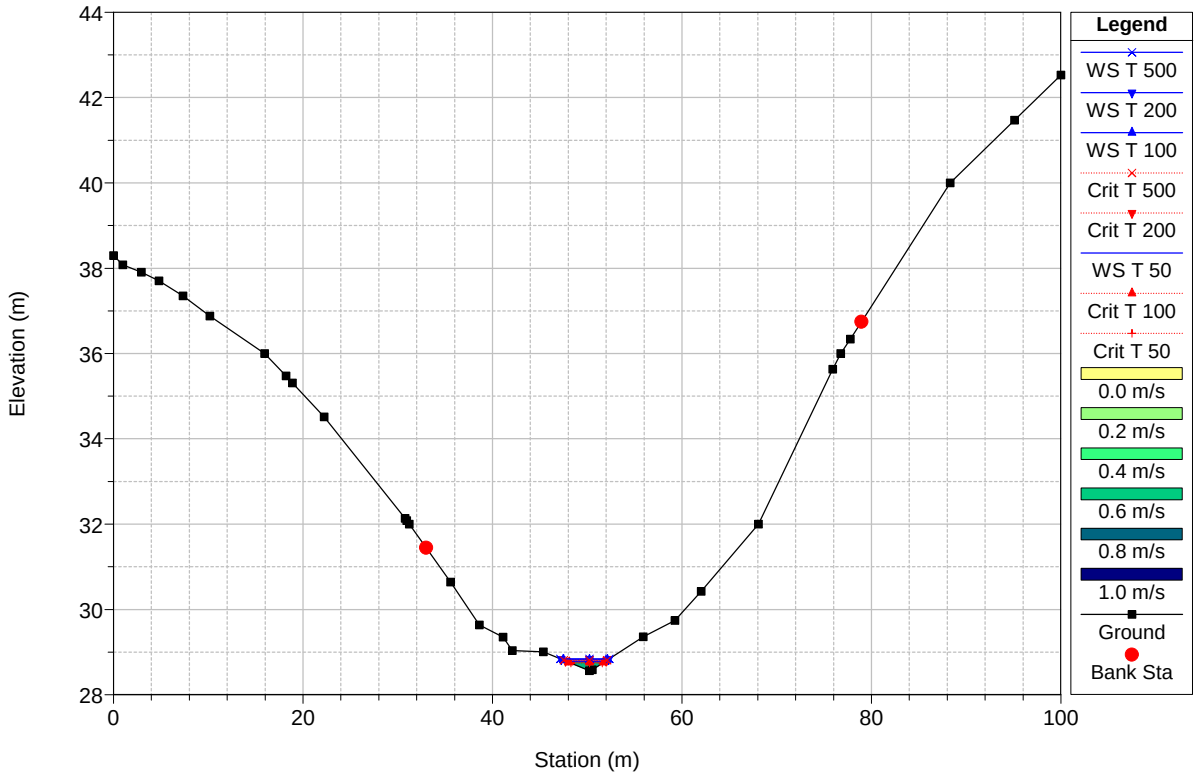
River = STU Reach = RAMO PRC RS = 725



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

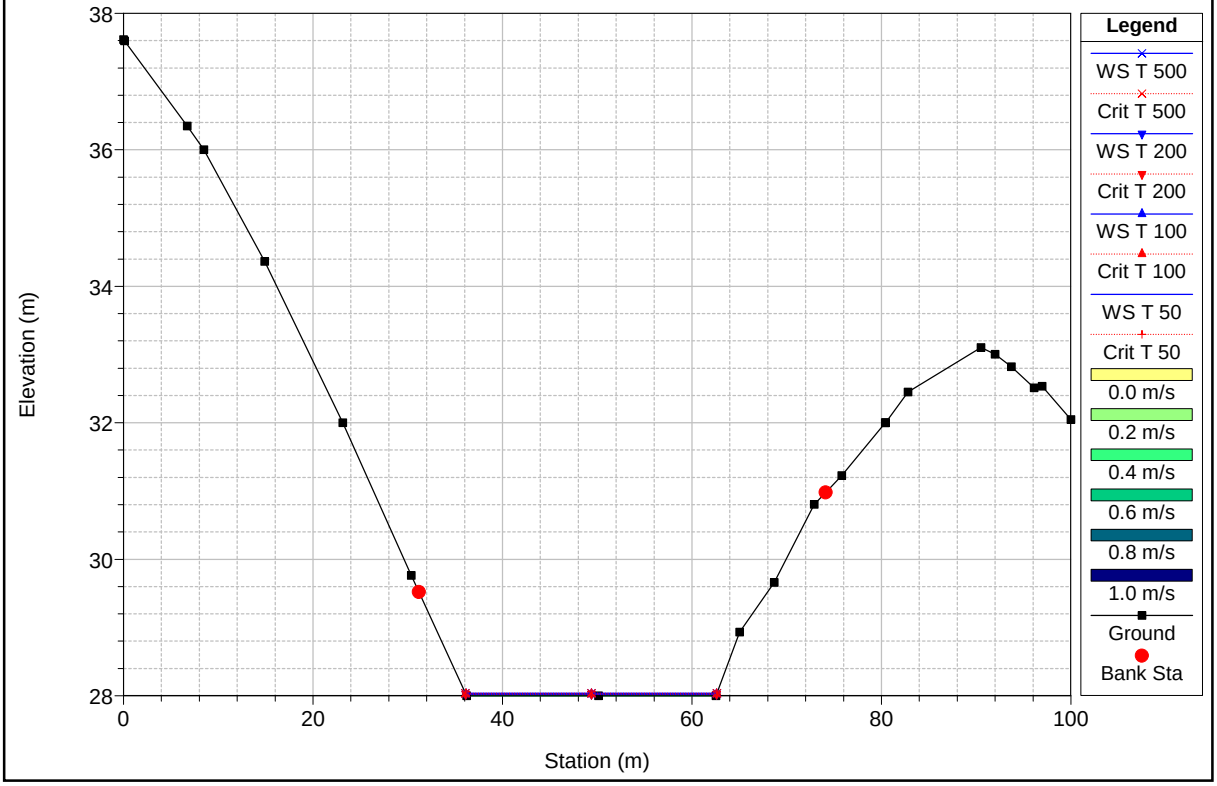
River = STU Reach = RAMO PRC RS = 700



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

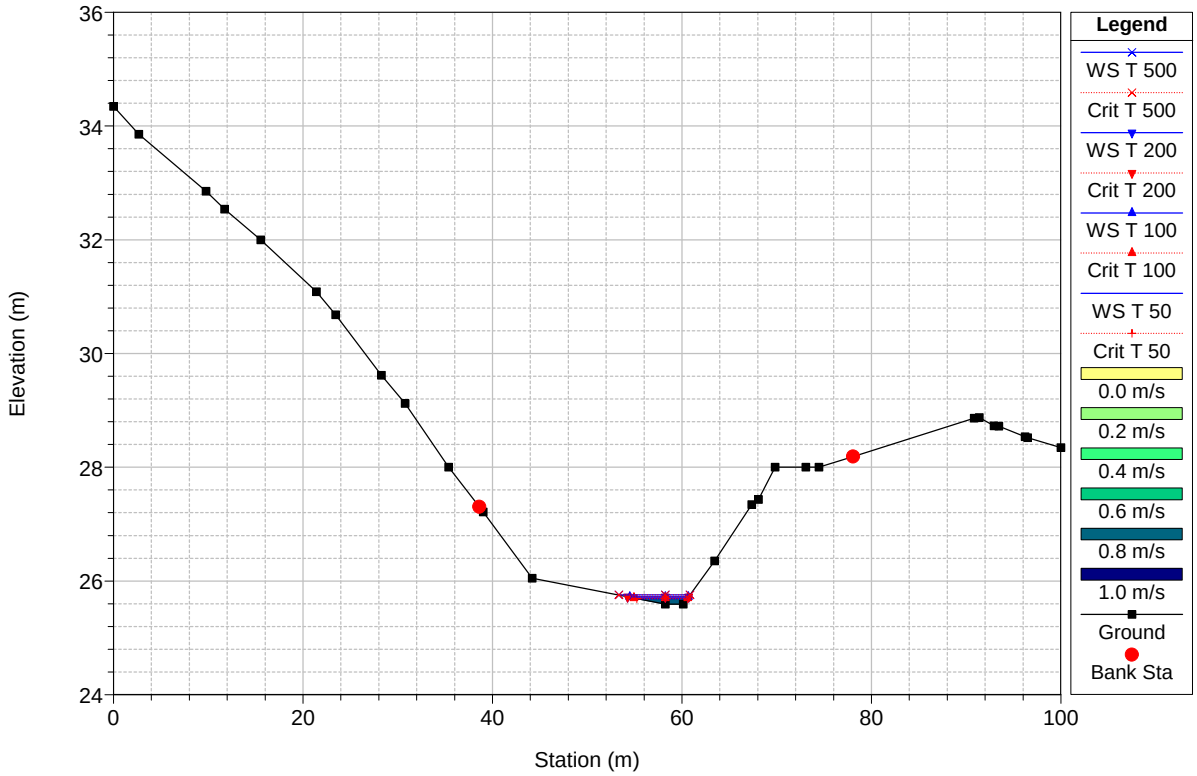
River = STU Reach = RAMO PRC RS = 675



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

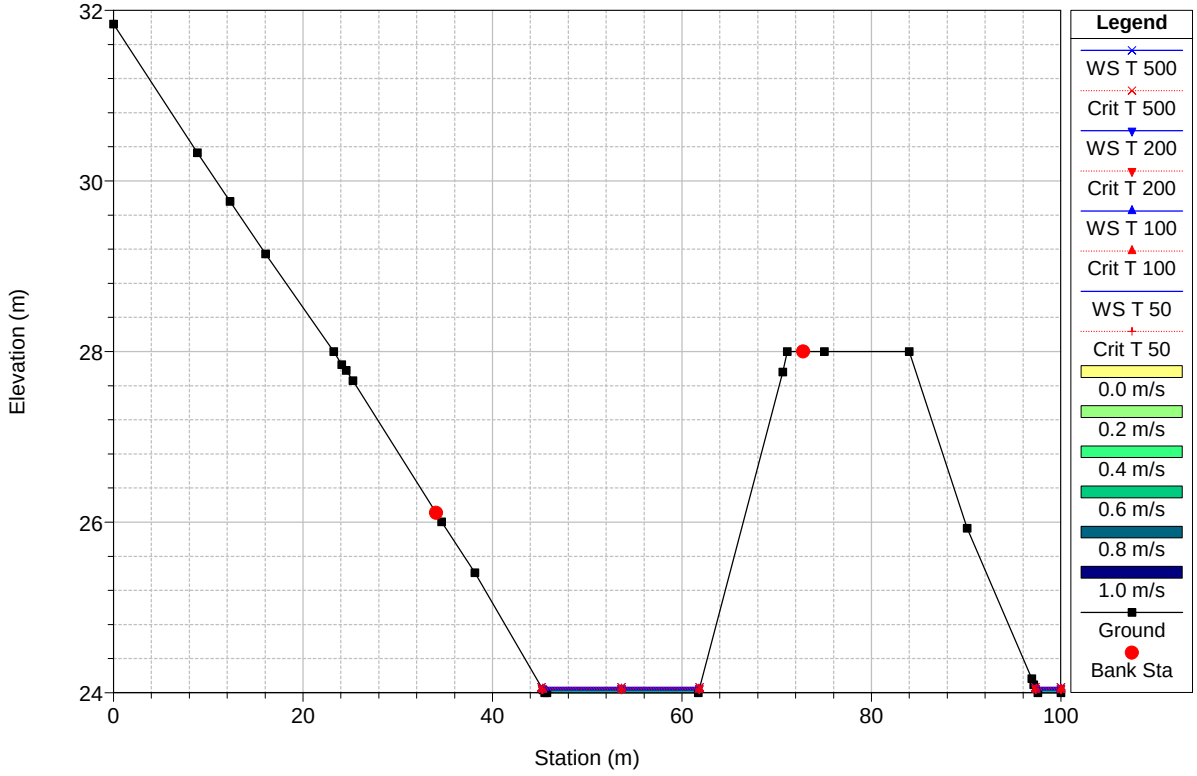
River = STU Reach = RAMO PRC RS = 650



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

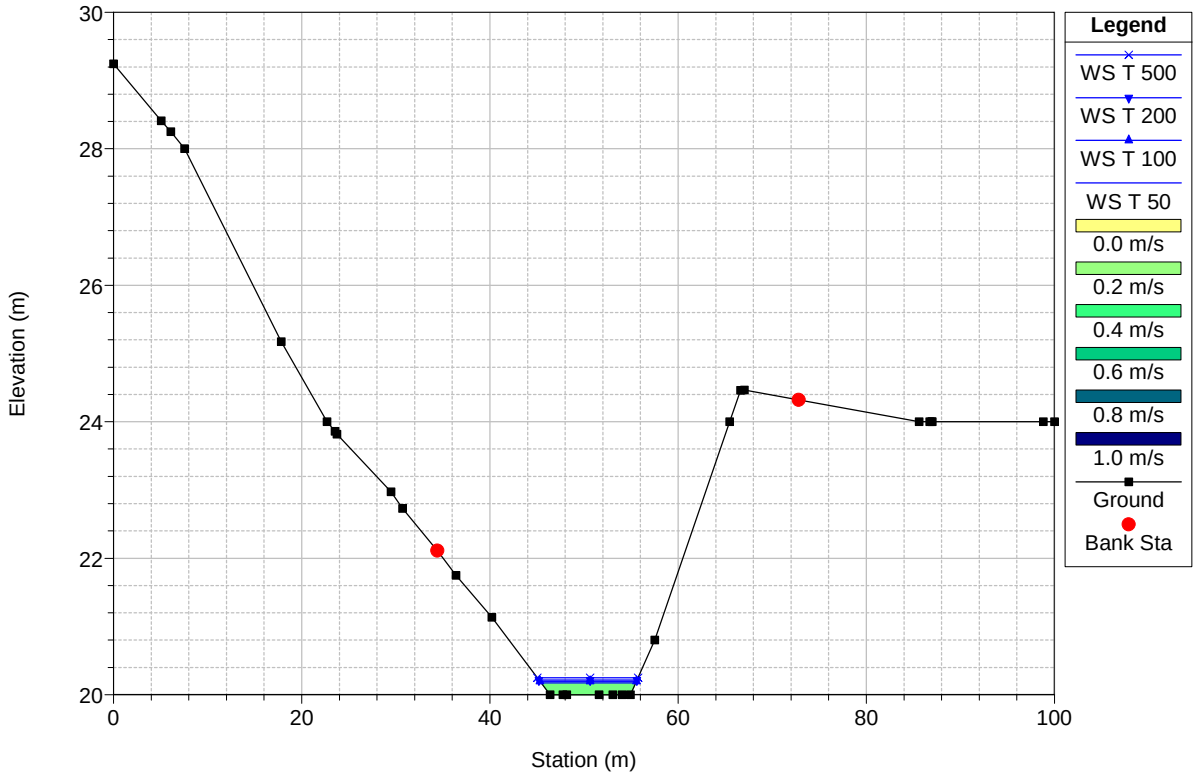
River = STU Reach = RAMO PRC RS = 625



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

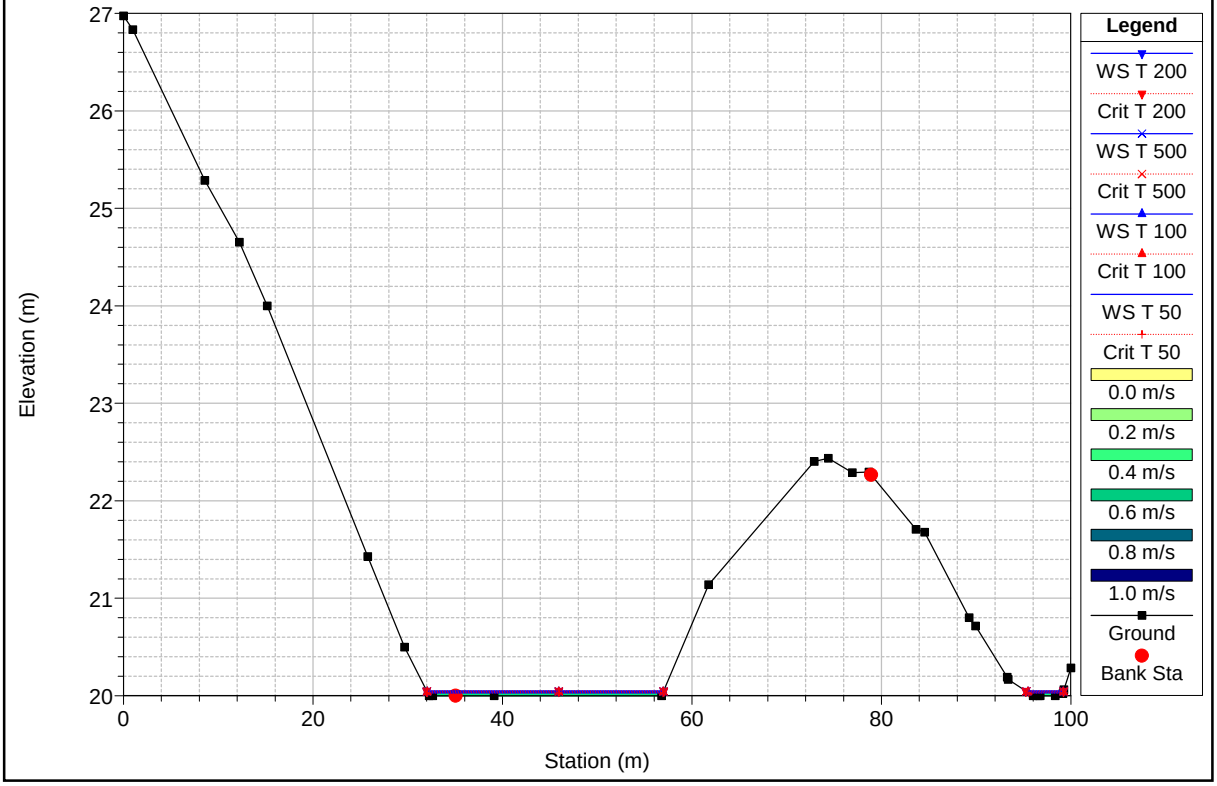
River = STU Reach = RAMO PRC RS = 600



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

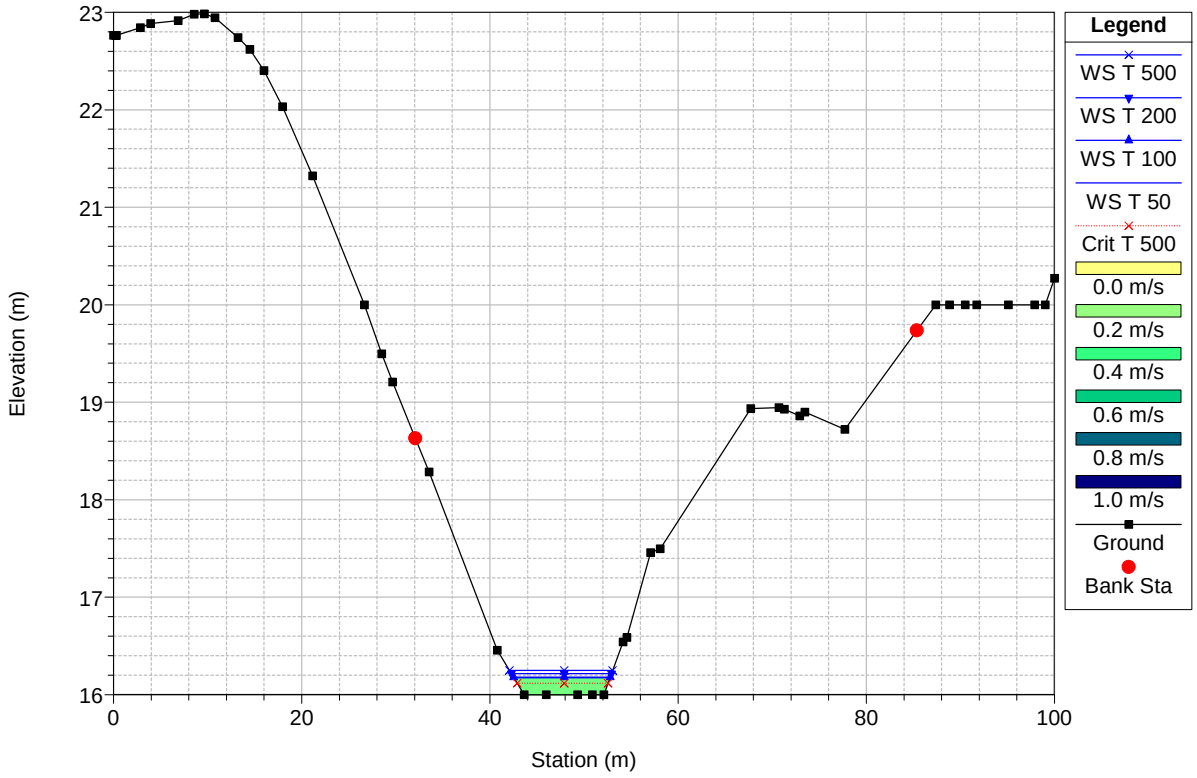
River = STU Reach = RAMO PRC RS = 575



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

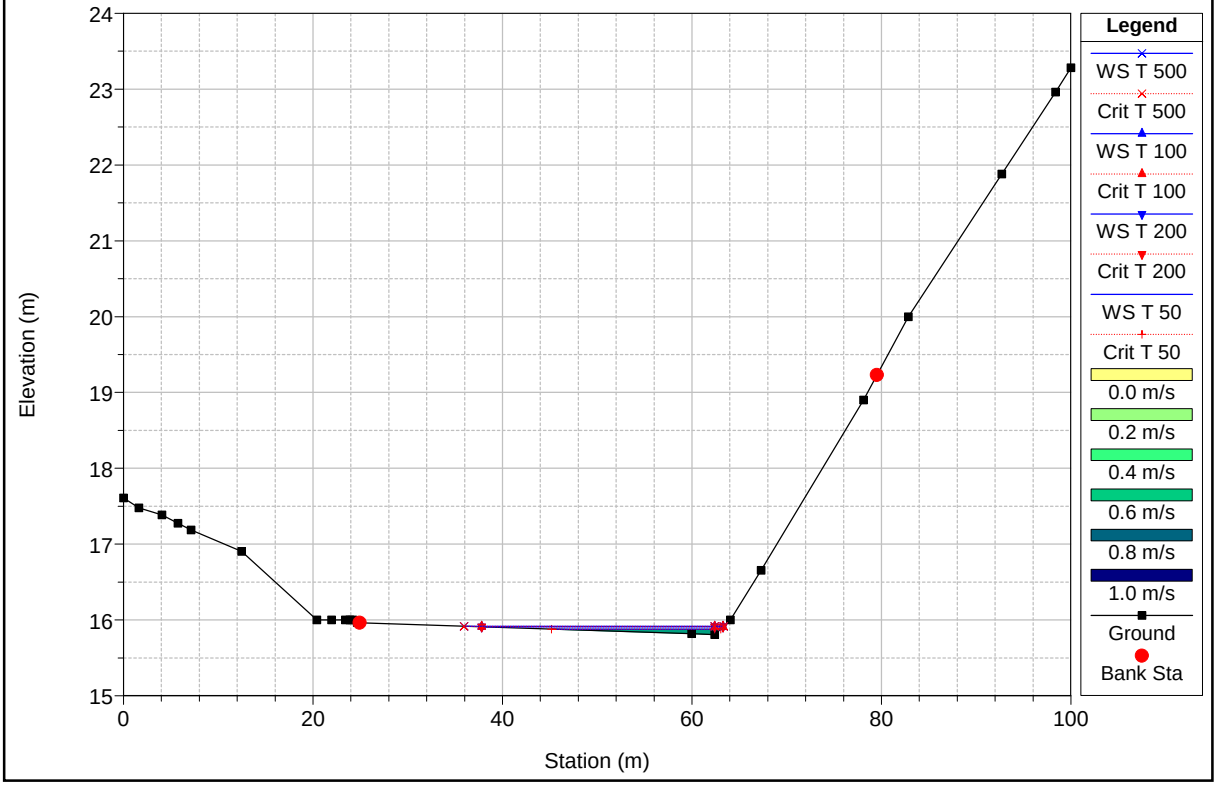
River = STU Reach = RAMO PRC RS = 550



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

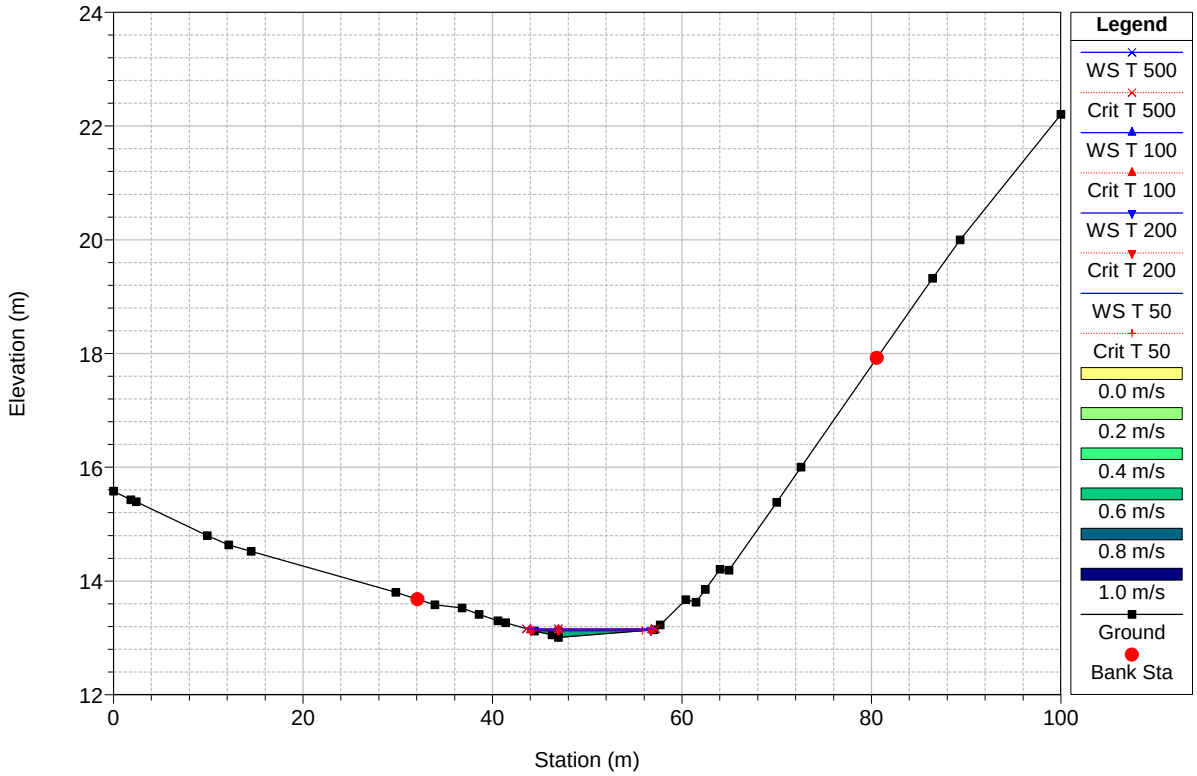
River = STU Reach = RAMO PRC RS = 500



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

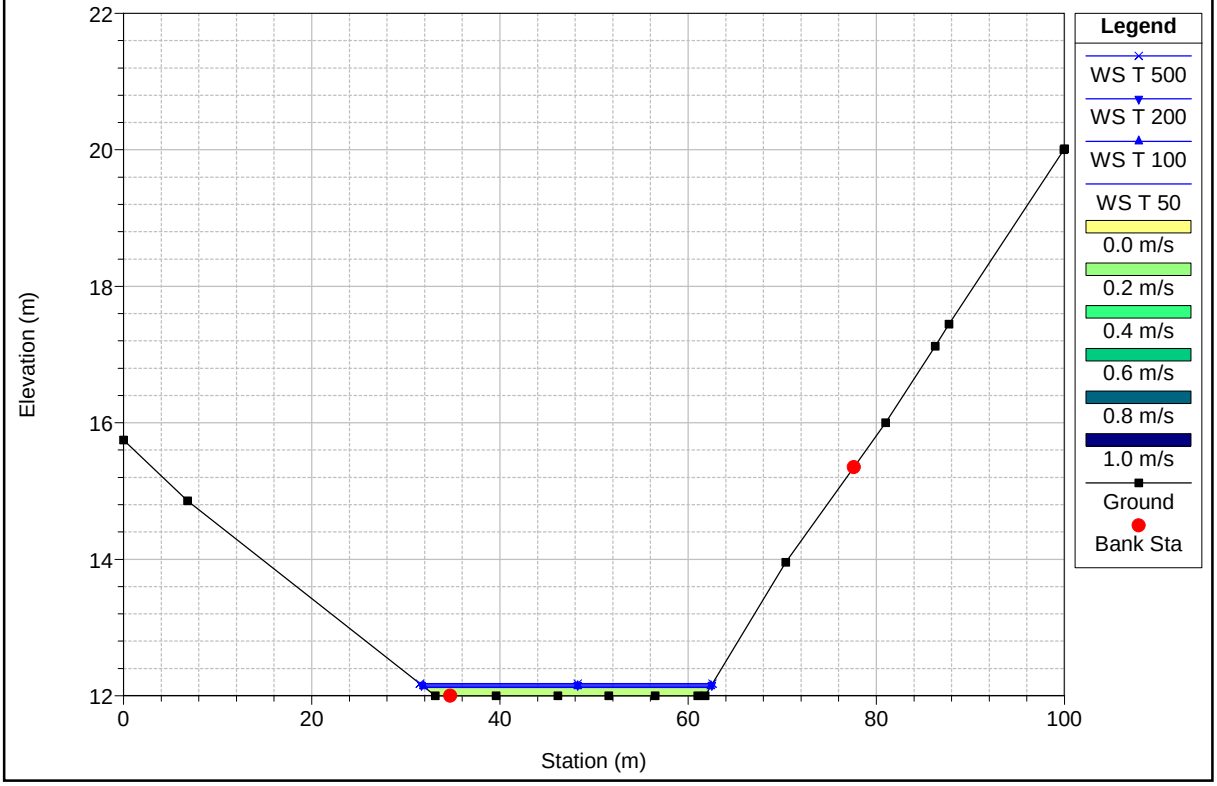
River = STU Reach = RAMO PRC RS = 475



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

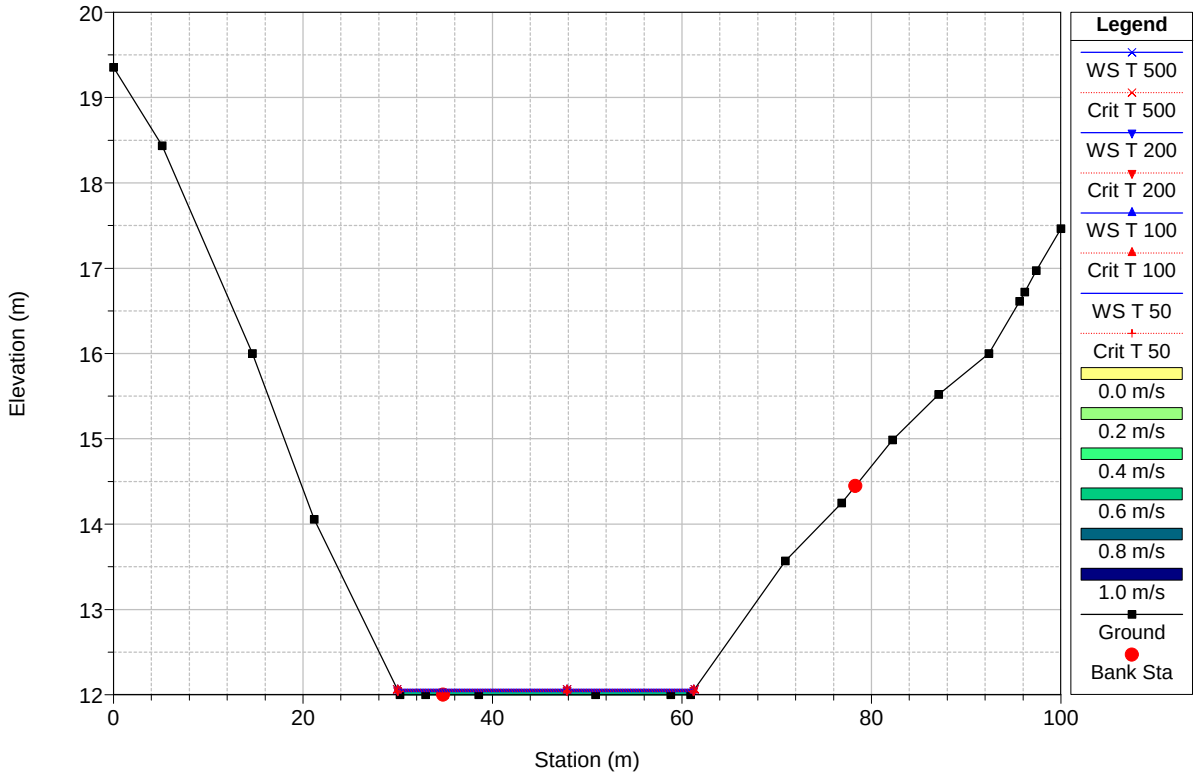
River = STU Reach = RAMO PRC RS = 450



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

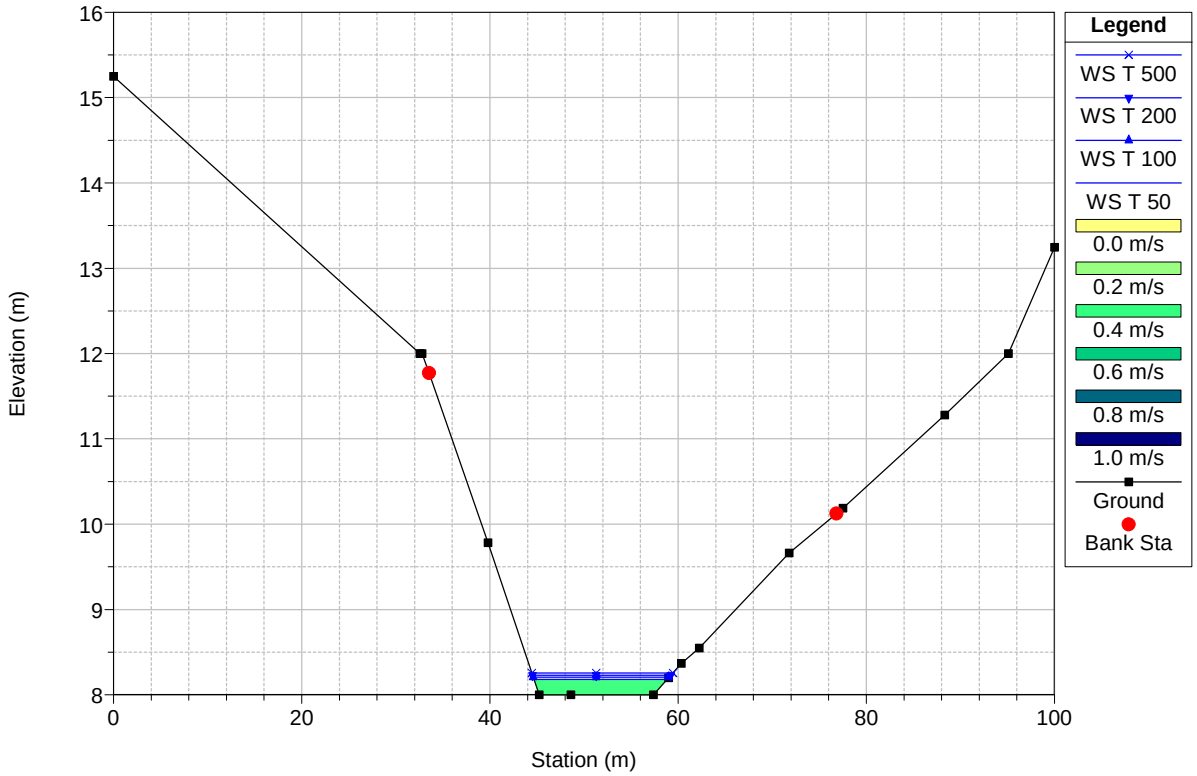
River = STU Reach = RAMO PRC RS = 425



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

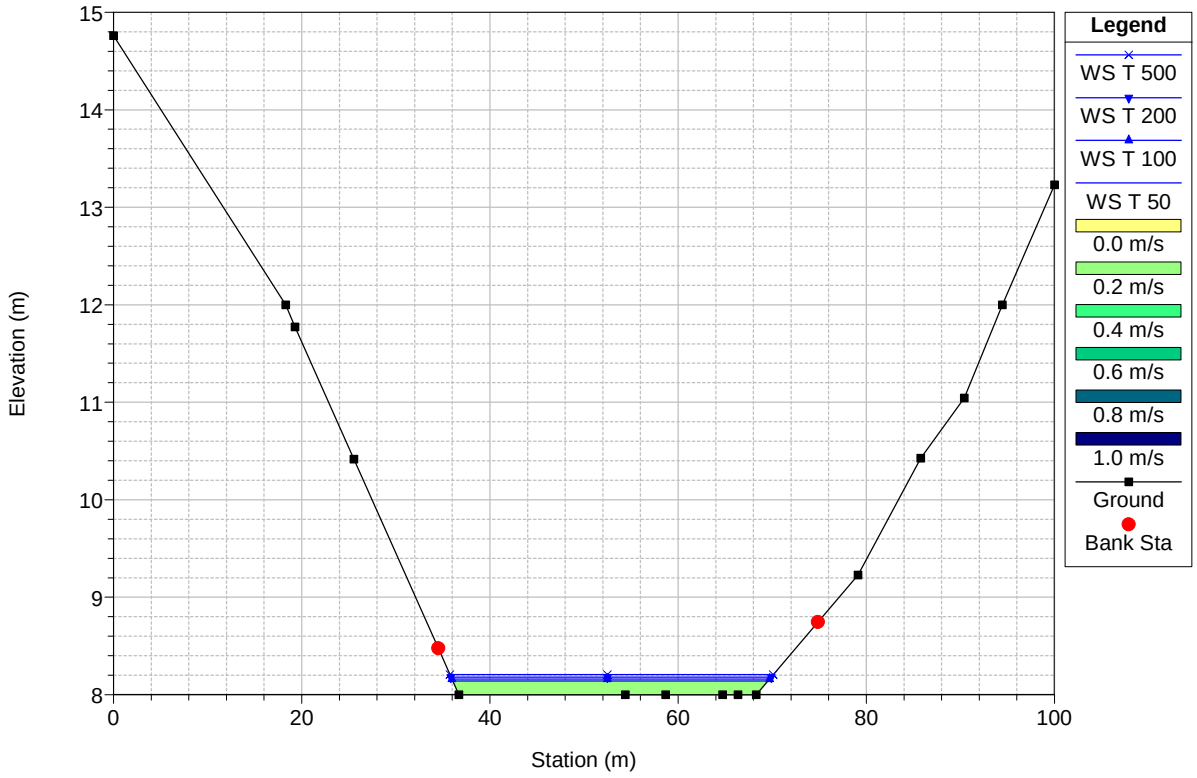
River = STU Reach = RAMO PRC RS = 350



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

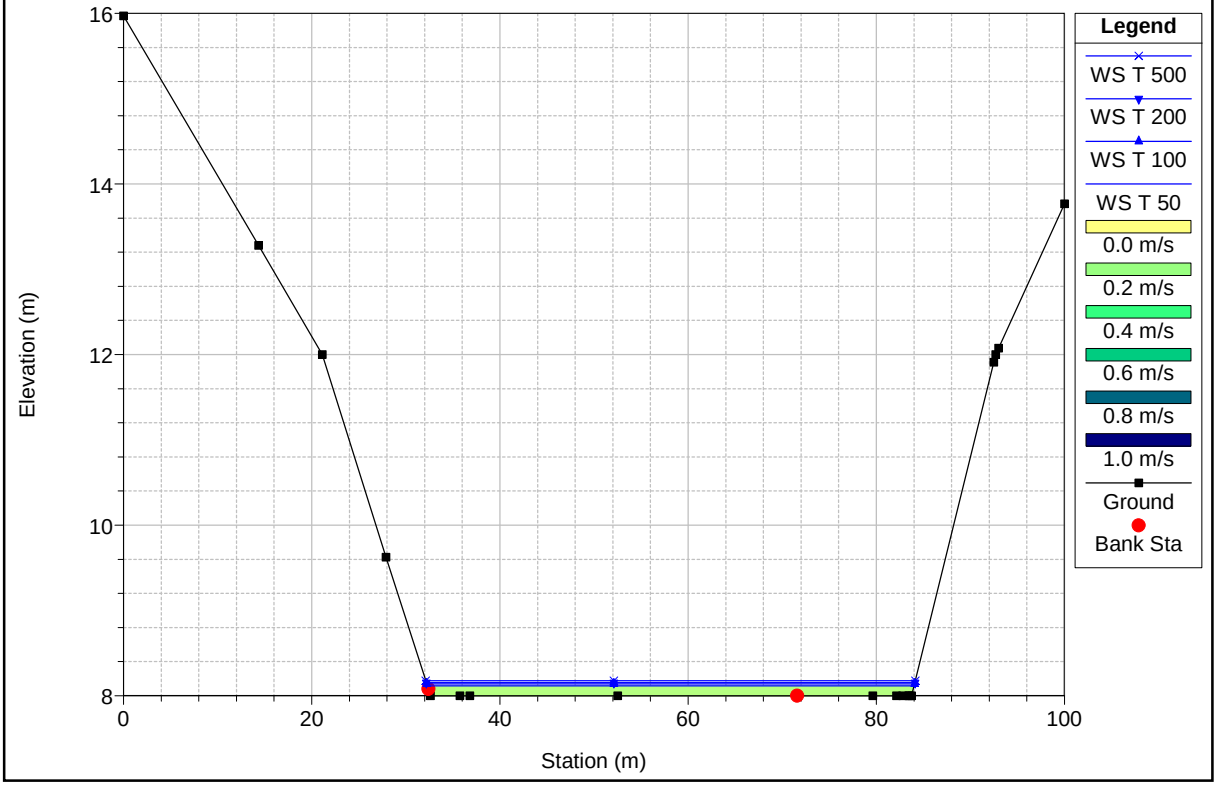
River = STU Reach = RAMO PRC RS = 325



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

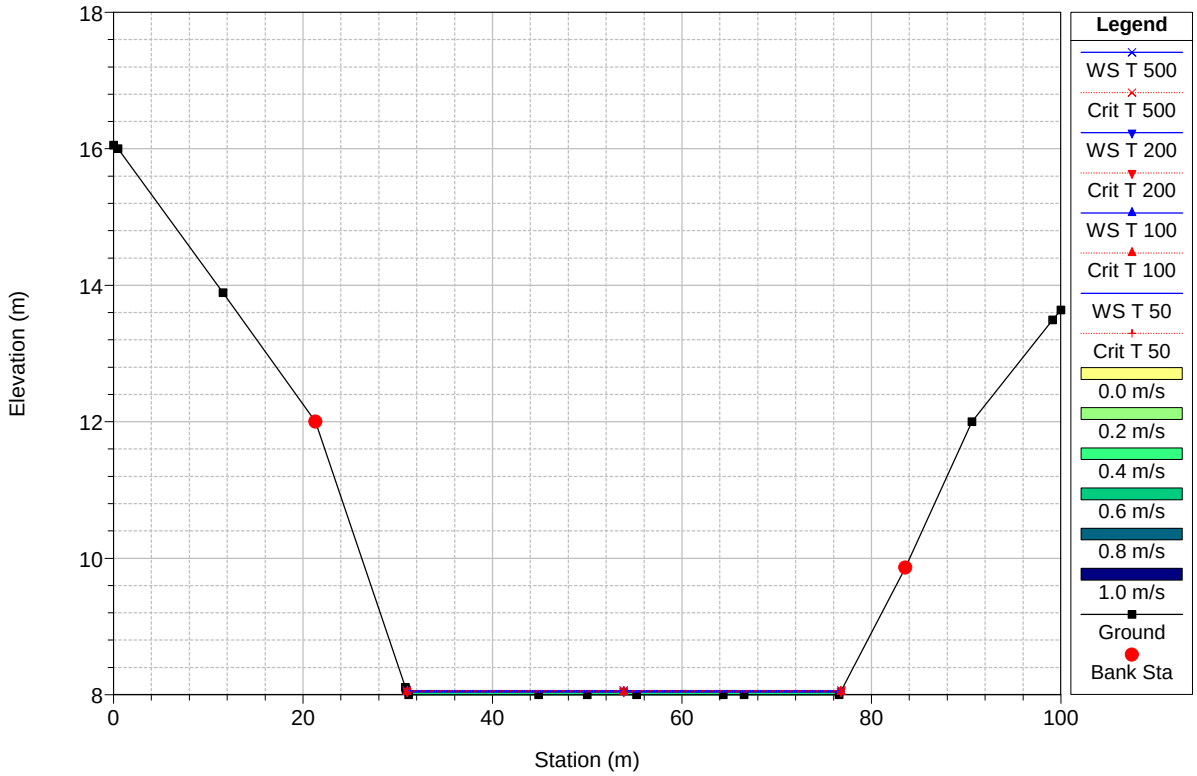
River = STU Reach = RAMO PRC RS = 300



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

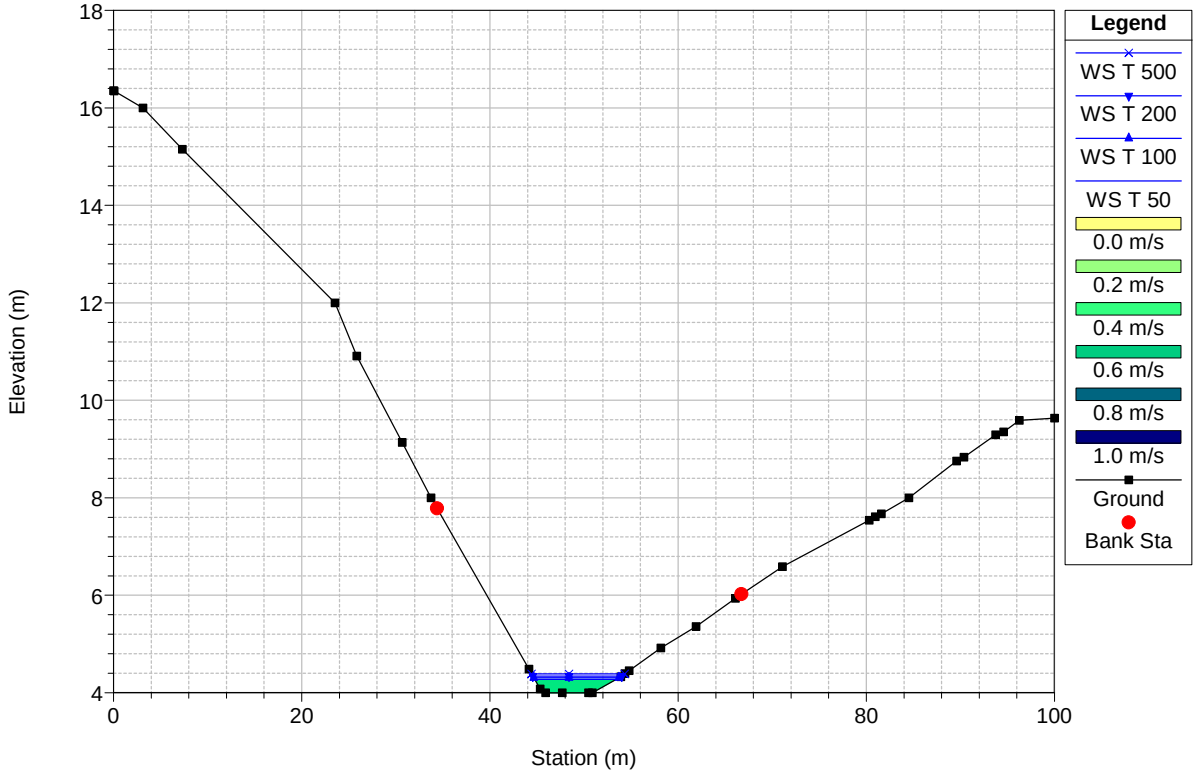
River = STU Reach = RAMO PRC RS = 275



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

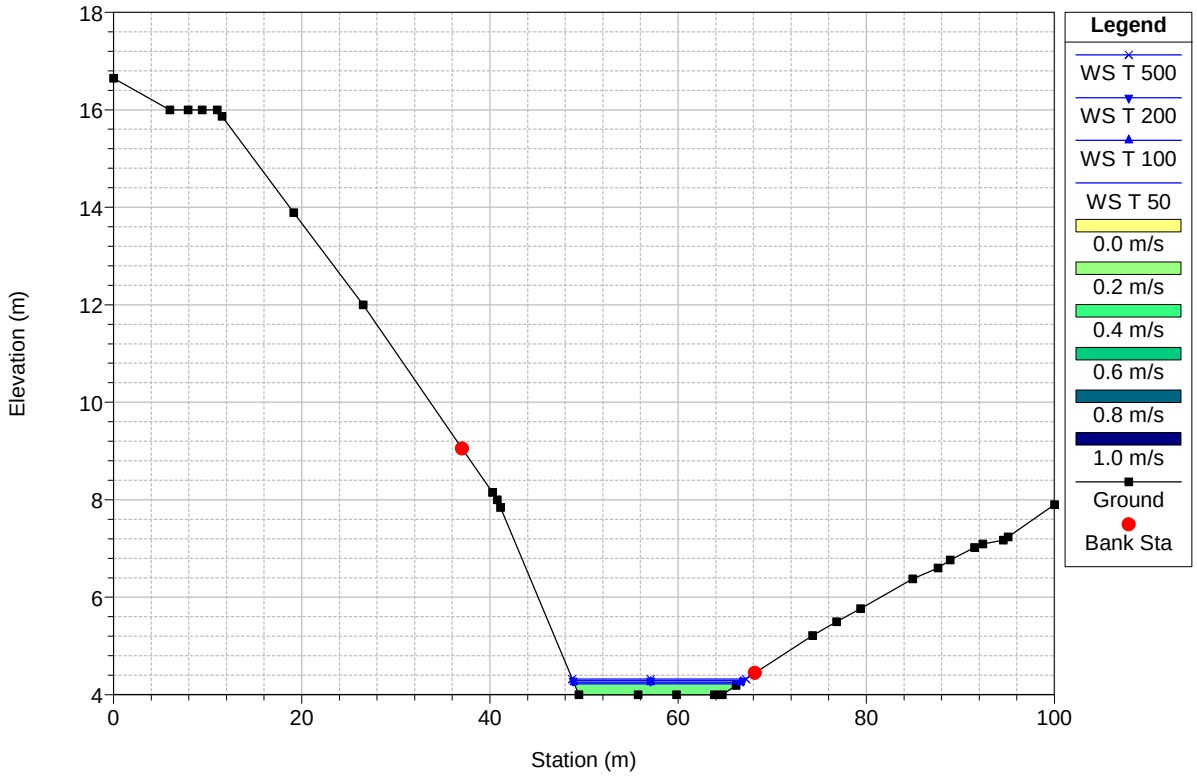
River = STU Reach = RAMO PRC RS = 250



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

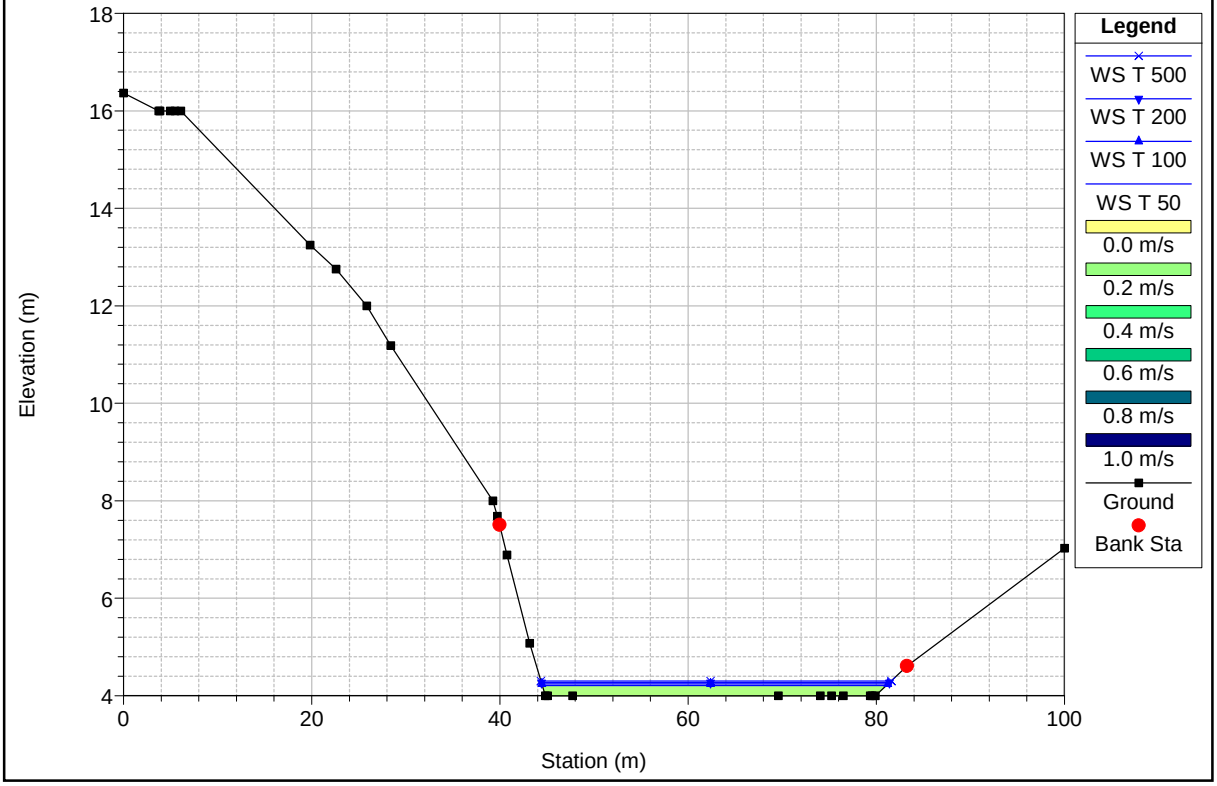
River = STU Reach = RAMO PRC RS = 225



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

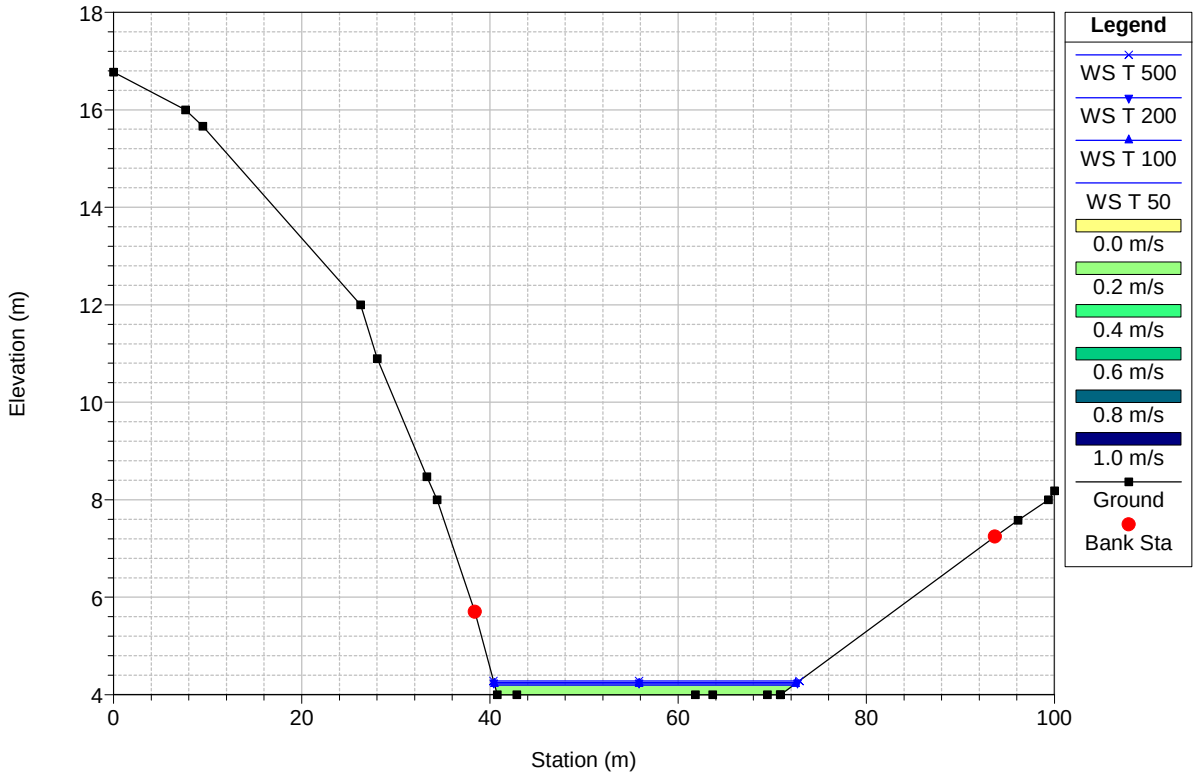
River = STU Reach = RAMO PRC RS = 200



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

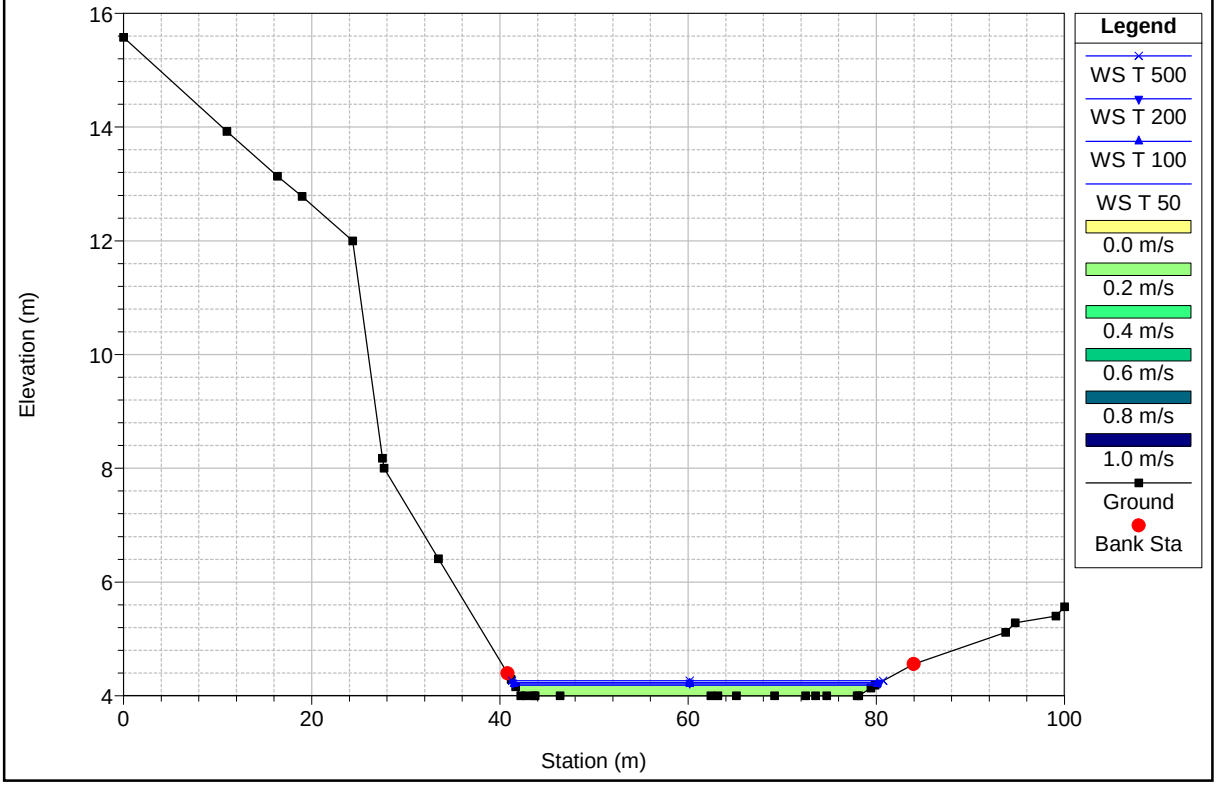
River = STU Reach = RAMO PRC RS = 175



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

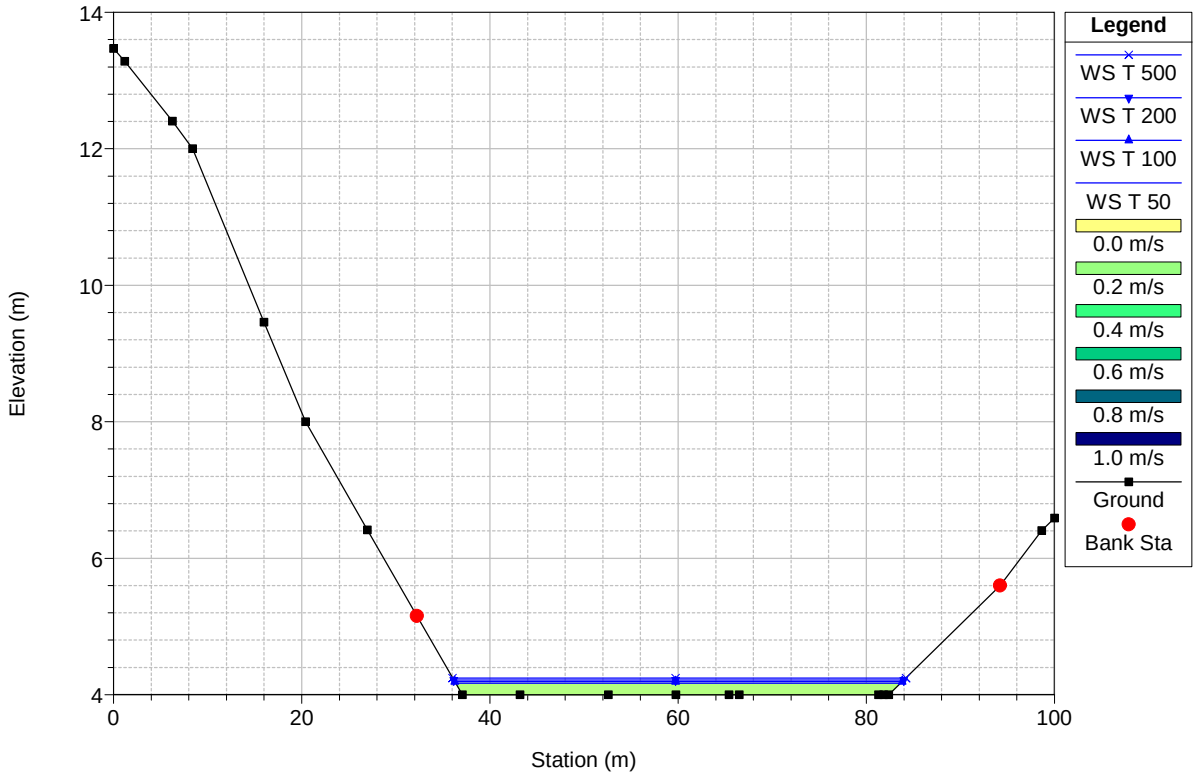
River = STU Reach = RAMO PRC RS = 150



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

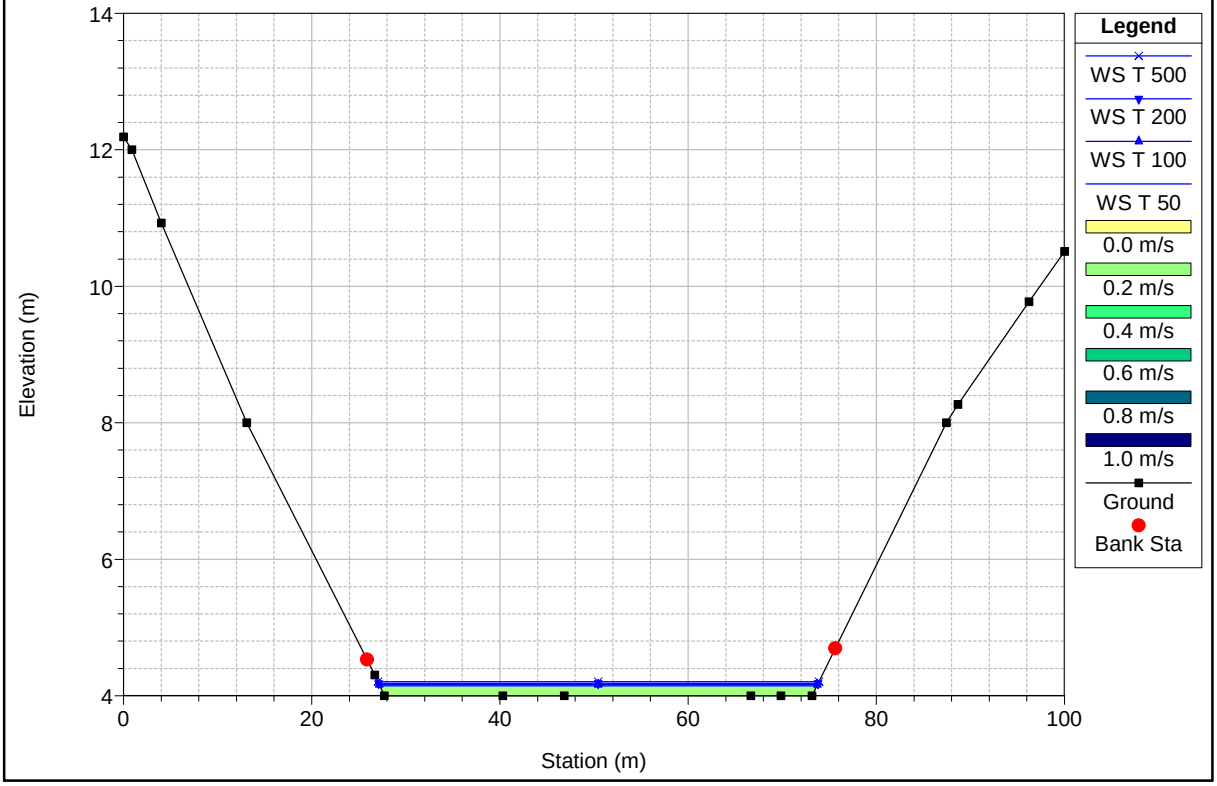
River = STU Reach = RAMO PRC RS = 125



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

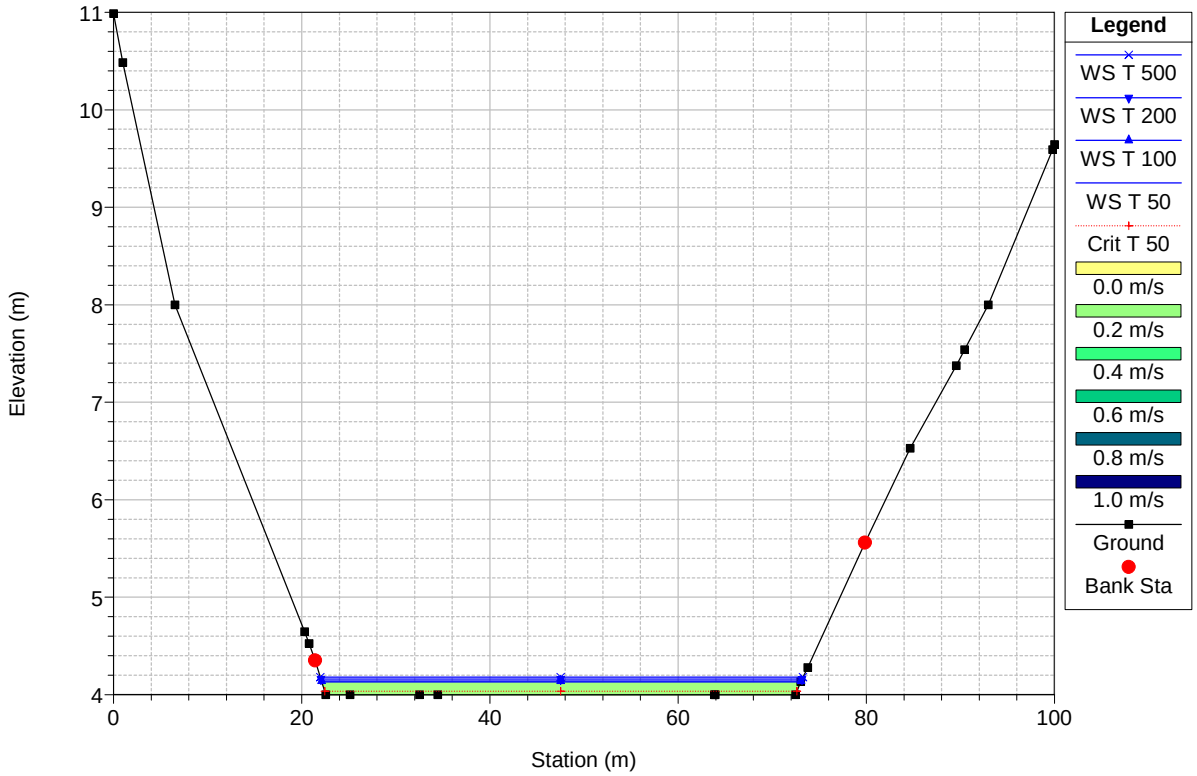
River = STU Reach = RAMO PRC RS = 75



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

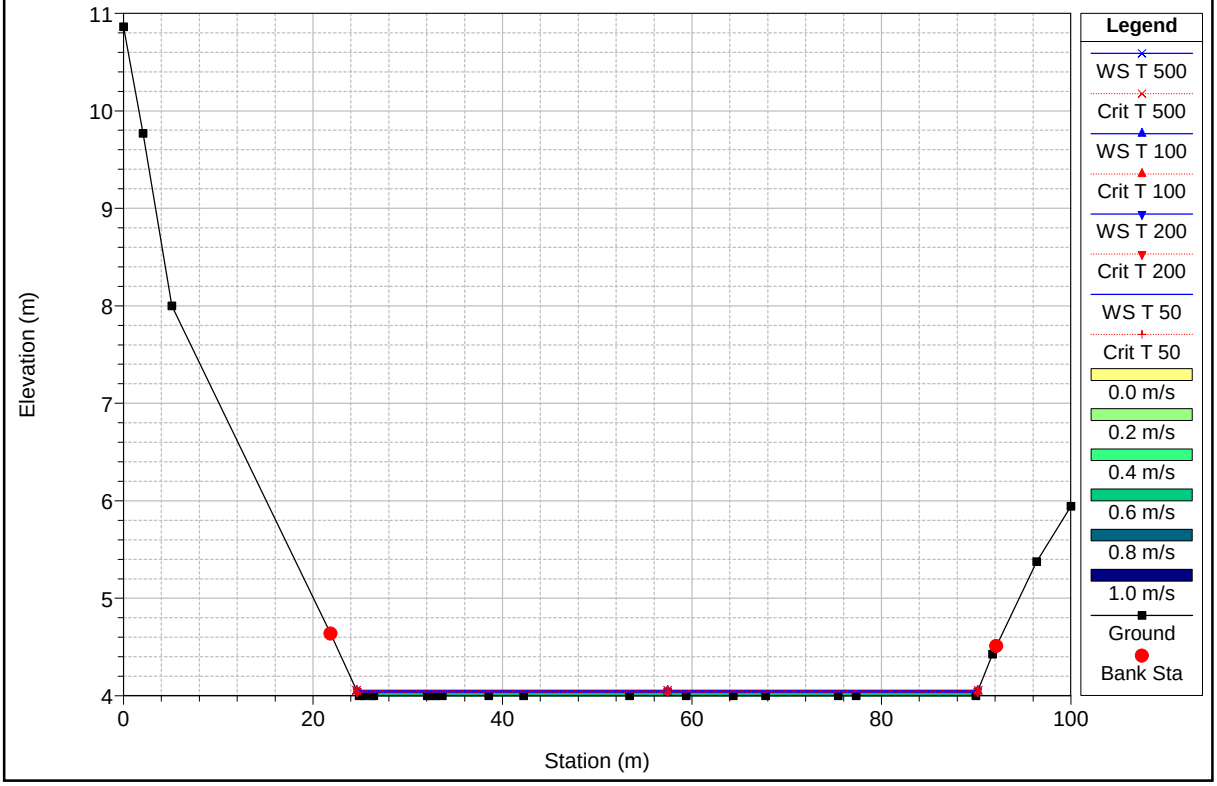
River = STU Reach = RAMO PRC RS = 50



MODELLO_IDRAULICOstu Plan: Plan 02

Geom: Geom 01 Flow: Flow 01

River = STU Reach = RAMO PRC RS = 25



HEC-RAS Plan: Plan 01 River: STU Reach: RAMO PRC

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)	
RAMO PRC	800	T 50	0.15	37.25	37.37	37.36	37.38	0.028716	0.58	0.26	4.29	0.75
RAMO PRC	800	T 100	0.19	37.25	37.37	37.37	37.40	0.036690	0.67	0.28	4.48	0.86
RAMO PRC	800	T 200	0.25	37.25	37.38	37.37	37.41	0.043694	0.77	0.32	4.81	0.95
RAMO PRC	800	T 500	0.33	37.25	37.40	37.39	37.43	0.046293	0.84	0.39	5.28	0.99
RAMO PRC	775	T 50	0.15	36.00	36.01	36.01	36.03	0.139195	0.50	0.30	19.78	1.31
RAMO PRC	775	T 100	0.19	36.00	36.02	36.02	36.03	0.089487	0.49	0.39	19.81	1.10
RAMO PRC	775	T 200	0.25	36.00	36.03	36.03	36.04	0.070719	0.50	0.50	19.84	1.02
RAMO PRC	775	T 500	0.33	36.00	36.03	36.03	36.05	0.067389	0.56	0.59	19.87	1.03
RAMO PRC	750	T 50	0.15	34.27	34.42	34.42	34.45	0.035918	0.74	0.20	2.70	0.87
RAMO PRC	750	T 100	0.19	34.27	34.43	34.43	34.47	0.046535	0.87	0.22	2.81	1.00
RAMO PRC	750	T 200	0.25	34.27	34.45	34.45	34.49	0.044860	0.92	0.27	3.14	1.00
RAMO PRC	750	T 500	0.33	34.27	34.47	34.47	34.52	0.043580	0.97	0.34	3.50	1.00
RAMO PRC	725	T 50	0.29	32.00	32.03	32.03	32.04	0.066010	0.51	0.56	20.85	1.00
RAMO PRC	725	T 100	0.40	32.00	32.03	32.03	32.05	0.077793	0.61	0.65	20.88	1.11
RAMO PRC	725	T 200	0.50	32.00	32.03	32.03	32.06	0.135945	0.79	0.63	20.87	1.46
RAMO PRC	725	T 500	0.65	32.00	32.05	32.05	32.07	0.059242	0.69	0.95	20.98	1.03
RAMO PRC	700	T 50	0.29	28.56	28.78	28.74	28.80	0.015717	0.65	0.45	4.01	0.61
RAMO PRC	700	T 100	0.40	28.56	28.82	28.76	28.84	0.013074	0.65	0.61	4.68	0.58
RAMO PRC	700	T 200	0.50	28.56	28.83	28.79	28.86	0.014711	0.72	0.69	4.97	0.62
RAMO PRC	700	T 500	0.65	28.56	28.84	28.81	28.88	0.020693	0.88	0.74	5.15	0.74
RAMO PRC	675	T 50	0.29	28.00	28.02	28.02	28.03	0.084562	0.50	0.58	26.45	1.09
RAMO PRC	675	T 100	0.40	28.00	28.02	28.02	28.05	0.160879	0.69	0.58	26.45	1.50
RAMO PRC	675	T 200	0.50	28.00	28.03	28.03	28.05	0.118964	0.69	0.72	26.48	1.34
RAMO PRC	675	T 500	0.65	28.00	28.04	28.04	28.06	0.060320	0.63	1.04	26.55	1.01
RAMO PRC	650	T 50	0.29	25.59	25.69	25.69	25.73	0.050536	0.82	0.35	5.34	1.01
RAMO PRC	650	T 100	0.40	25.59	25.71	25.70	25.75	0.039502	0.82	0.49	6.17	0.92
RAMO PRC	650	T 200	0.50	25.59	25.72	25.72	25.77	0.046516	0.92	0.54	6.46	1.01
RAMO PRC	650	T 500	0.65	25.59	25.75	25.75	25.79	0.032555	0.86	0.75	7.51	0.87
RAMO PRC	625	T 50	0.44	24.00	24.04	24.04	24.06	0.075218	0.66	0.67	19.05	1.11
RAMO PRC	625	T 100	0.58	24.00	24.04	24.04	24.07	0.103190	0.81	0.72	19.08	1.32
RAMO PRC	625	T 200	0.75	24.00	24.05	24.05	24.08	0.054697	0.74	1.02	19.28	1.02
RAMO PRC	625	T 500	0.97	24.00	24.06	24.06	24.10	0.053024	0.81	1.21	19.40	1.03
RAMO PRC	600	T 50	0.44	20.00	20.17		20.18	0.001699	0.27	1.63	10.07	0.22
RAMO PRC	600	T 100	0.58	20.00	20.20		20.20	0.001984	0.31	1.84	10.26	0.24
RAMO PRC	600	T 200	0.75	20.00	20.21		20.22	0.002474	0.37	2.03	10.41	0.27
RAMO PRC	600	T 500	0.97	20.00	20.25		20.26	0.002491	0.41	2.39	10.71	0.27
RAMO PRC	575	T 50	0.44	20.00	20.03	20.03	20.04	0.066113	0.54	0.82	28.46	1.01
RAMO PRC	575	T 100	0.58	20.00	20.03	20.03	20.05	0.065411	0.60	0.97	28.61	1.04
RAMO PRC	575	T 200	0.75	20.00	20.05	20.05	20.06	0.033849	0.55	1.39	29.02	0.79
RAMO PRC	575	T 500	0.97	20.00	20.05	20.05	20.08	0.075611	0.77	1.27	28.91	1.16
RAMO PRC	550	T 50	0.44	16.00	16.17		16.18	0.001746	0.27	1.62	10.21	0.22
RAMO PRC	550	T 100	0.58	16.00	16.18		16.19	0.002568	0.34	1.71	10.30	0.27
RAMO PRC	550	T 200	0.75	16.00	16.22		16.22	0.002418	0.36	2.06	10.63	0.26
RAMO PRC	550	T 500	0.97	16.00	16.25	16.12	16.26	0.002470	0.40	2.42	10.96	0.27
RAMO PRC	500	T 50	0.44	15.81	15.88	15.88	15.90	0.072245	0.68	0.64	17.90	1.15
RAMO PRC	500	T 100	0.58	15.81	15.91	15.91	15.92	0.019504	0.44	1.31	25.52	0.62
RAMO PRC	500	T 200	0.75	15.81	15.91	15.91	15.93	0.032613	0.57	1.31	25.52	0.81
RAMO PRC	500	T 500	0.97	15.81	15.92	15.92	15.94	0.037406	0.64	1.51	27.42	0.87
RAMO PRC	475	T 50	0.44	13.01	13.13	13.13	13.15	0.040098	0.66	0.66	11.51	0.88
RAMO PRC	475	T 100	0.58	13.01	13.14	13.14	13.16	0.038849	0.70	0.82	12.78	0.89
RAMO PRC	475	T 200	0.75	13.01	13.14	13.14	13.18	0.067852	0.93	0.81	12.68	1.17
RAMO PRC	475	T 500	0.97	13.01	13.16	13.16	13.20	0.045669	0.89	1.10	13.59	1.00
RAMO PRC	450	T 50	0.44	12.00	12.12		12.12	0.000487	0.12	3.67	30.36	0.11
RAMO PRC	450	T 100	0.58	12.00	12.14		12.14	0.000586	0.14	4.10	30.55	0.12
RAMO PRC	450	T 200	0.75	12.00	12.16		12.16	0.000619	0.16	4.72	30.83	0.13
RAMO PRC	450	T 500	0.97	12.00	12.18		12.18	0.000695	0.18	5.34	31.10	0.14
RAMO PRC	425	T 50	0.74	12.00	12.04	12.04	12.06	0.066934	0.64	1.16	31.10	1.06
RAMO PRC	425	T 100	0.97	12.00	12.05	12.05	12.07	0.038616	0.60	1.61	31.25	0.85
RAMO PRC	425	T 200	1.24	12.00	12.05	12.05	12.08	0.062603	0.77	1.61	31.25	1.08
RAMO PRC	425	T 500	1.62	12.00	12.07	12.07	12.10	0.049605	0.80	2.03	31.40	1.00
RAMO PRC	350	T 50	0.88	8.00	8.18		8.19	0.003082	0.37	2.36	14.14	0.29
RAMO PRC	350	T 100	1.17	8.00	8.20		8.21	0.003464	0.43	2.72	14.42	0.32
RAMO PRC	350	T 200	1.49	8.00	8.23		8.24	0.003874	0.49	3.05	14.67	0.34
RAMO PRC	350	T 500	1.95	8.00	8.26		8.27	0.004340	0.56	3.48	14.99	0.37
RAMO PRC	325	T 50	0.88	8.00	8.14		8.14	0.001084	0.19	4.55	33.48	0.17
RAMO PRC	325	T 100	1.17	8.00	8.16		8.16	0.001160	0.22	5.31	33.78	0.18
RAMO PRC	325	T 200	1.49	8.00	8.18		8.18	0.001326	0.25	5.91	34.02	0.19
RAMO PRC	325	T 500	1.95	8.00	8.21		8.21	0.001459	0.29	6.78	34.36	0.21

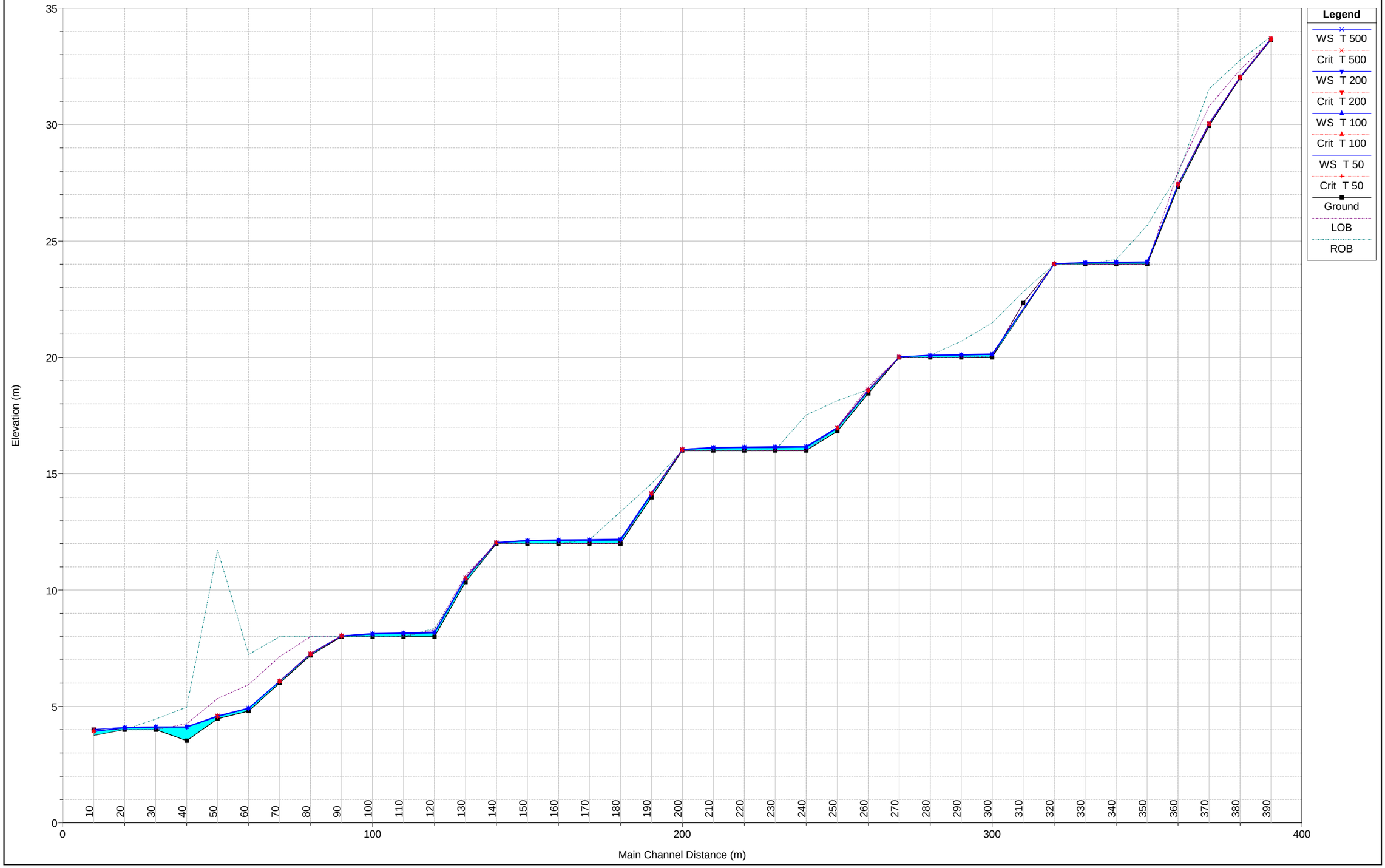
HEC-RAS Plan: Plan 01 River: STU Reach: RAMO PRC (Continued)

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)	
RAMO PRC	300	T 50	0.88	8.00	8.12		8.12	0.000750	0.15	6.05	51.74	0.14
RAMO PRC	300	T 100	1.17	8.00	8.14		8.14	0.000742	0.16	7.20	51.85	0.14
RAMO PRC	300	T 200	1.49	8.00	8.15		8.16	0.000869	0.19	7.94	51.92	0.15
RAMO PRC	300	T 500	1.95	8.00	8.18		8.18	0.000926	0.21	9.17	52.05	0.16
RAMO PRC	275	T 50	1.03	8.00	8.04	8.04	8.06	0.038547	0.53	1.94	45.74	0.82
RAMO PRC	275	T 100	1.36	8.00	8.04	8.04	8.07	0.066375	0.70	1.95	45.74	1.08
RAMO PRC	275	T 200	1.74	8.00	8.05	8.05	8.08	0.052938	0.72	2.42	45.81	1.00
RAMO PRC	275	T 500	2.28	8.00	8.06	8.06	8.10	0.060980	0.84	2.73	45.86	1.09
RAMO PRC	250	T 50	1.03	4.00	4.27		4.29	0.004598	0.55	1.89	8.63	0.37
RAMO PRC	250	T 100	1.36	4.00	4.31		4.33	0.005150	0.62	2.20	9.06	0.40
RAMO PRC	250	T 200	1.74	4.00	4.34		4.37	0.005660	0.69	2.52	9.45	0.43
RAMO PRC	250	T 500	2.28	4.00	4.38		4.42	0.006272	0.78	2.93	9.88	0.46
RAMO PRC	225	T 50	1.03	4.00	4.23		4.23	0.001235	0.28	3.69	17.47	0.19
RAMO PRC	225	T 100	1.36	4.00	4.26		4.26	0.001403	0.32	4.23	17.78	0.21
RAMO PRC	225	T 200	1.74	4.00	4.29		4.29	0.001566	0.36	4.77	18.09	0.23
RAMO PRC	225	T 500	2.28	4.00	4.32		4.33	0.001775	0.42	5.44	18.46	0.25
RAMO PRC	200	T 50	1.18	4.00	4.21		4.21	0.000398	0.16	7.60	36.57	0.11
RAMO PRC	200	T 100	1.56	4.00	4.24		4.24	0.000455	0.18	8.65	36.77	0.12
RAMO PRC	200	T 200	1.99	4.00	4.27		4.27	0.000505	0.20	9.72	36.98	0.13
RAMO PRC	200	T 500	2.60	4.00	4.30		4.31	0.000572	0.24	11.03	37.23	0.14
RAMO PRC	175	T 50	1.18	4.00	4.20		4.20	0.000663	0.19	6.16	31.80	0.14
RAMO PRC	175	T 100	1.56	4.00	4.23		4.23	0.000762	0.22	7.01	32.03	0.15
RAMO PRC	175	T 200	1.99	4.00	4.25		4.26	0.000846	0.25	7.89	32.26	0.16
RAMO PRC	175	T 500	2.60	4.00	4.29		4.29	0.000960	0.29	8.95	32.53	0.18
RAMO PRC	150	T 50	1.18	4.00	4.18		4.18	0.000584	0.17	6.80	38.25	0.13
RAMO PRC	150	T 100	1.56	4.00	4.21		4.21	0.000674	0.20	7.73	38.60	0.14
RAMO PRC	150	T 200	1.99	4.00	4.23		4.24	0.000745	0.23	8.72	38.98	0.15
RAMO PRC	150	T 500	2.60	4.00	4.26		4.27	0.000845	0.26	9.90	39.43	0.17
RAMO PRC	125	T 50	1.18	4.00	4.17		4.17	0.000433	0.15	7.93	47.31	0.12
RAMO PRC	125	T 100	1.56	4.00	4.19		4.20	0.000501	0.17	9.00	47.57	0.13
RAMO PRC	125	T 200	1.99	4.00	4.22		4.22	0.000551	0.20	10.14	47.84	0.14
RAMO PRC	125	T 500	2.60	4.00	4.25		4.25	0.000625	0.23	11.49	48.17	0.15
RAMO PRC	75	T 50	1.18	4.00	4.15		4.15	0.000585	0.17	6.79	46.45	0.15
RAMO PRC	75	T 100	1.56	4.00	4.16		4.17	0.000732	0.21	7.52	46.55	0.16
RAMO PRC	75	T 200	1.99	4.00	4.18		4.19	0.000796	0.23	8.49	46.70	0.18
RAMO PRC	75	T 500	2.60	4.00	4.21		4.21	0.000912	0.27	9.58	46.86	0.19
RAMO PRC	50	T 50	1.18	4.00	4.13	4.04	4.13	0.000717	0.18	6.62	50.87	0.16
RAMO PRC	50	T 100	1.56	4.00	4.14		4.14	0.000969	0.22	7.15	50.95	0.19
RAMO PRC	50	T 200	1.99	4.00	4.16		4.16	0.001027	0.24	8.14	51.11	0.20
RAMO PRC	50	T 500	2.60	4.00	4.18		4.19	0.001192	0.28	9.16	51.28	0.21
RAMO PRC	25	T 50	1.50	4.00	4.04	4.04	4.06	0.049010	0.63	2.39	65.43	1.05
RAMO PRC	25	T 100	1.87	4.00	4.05	4.05	4.07	0.029668	0.59	3.18	65.53	0.85
RAMO PRC	25	T 200	2.24	4.00	4.05	4.04	4.07	0.049036	0.74	3.04	65.51	1.09
RAMO PRC	25	T 500	2.78	4.00	4.06	4.06	4.09	0.038907	0.75	3.72	65.60	1.00

IL BACINO EX STU
Sub-bacino B

MOD_STU_SUB_B Plan: Plan 02

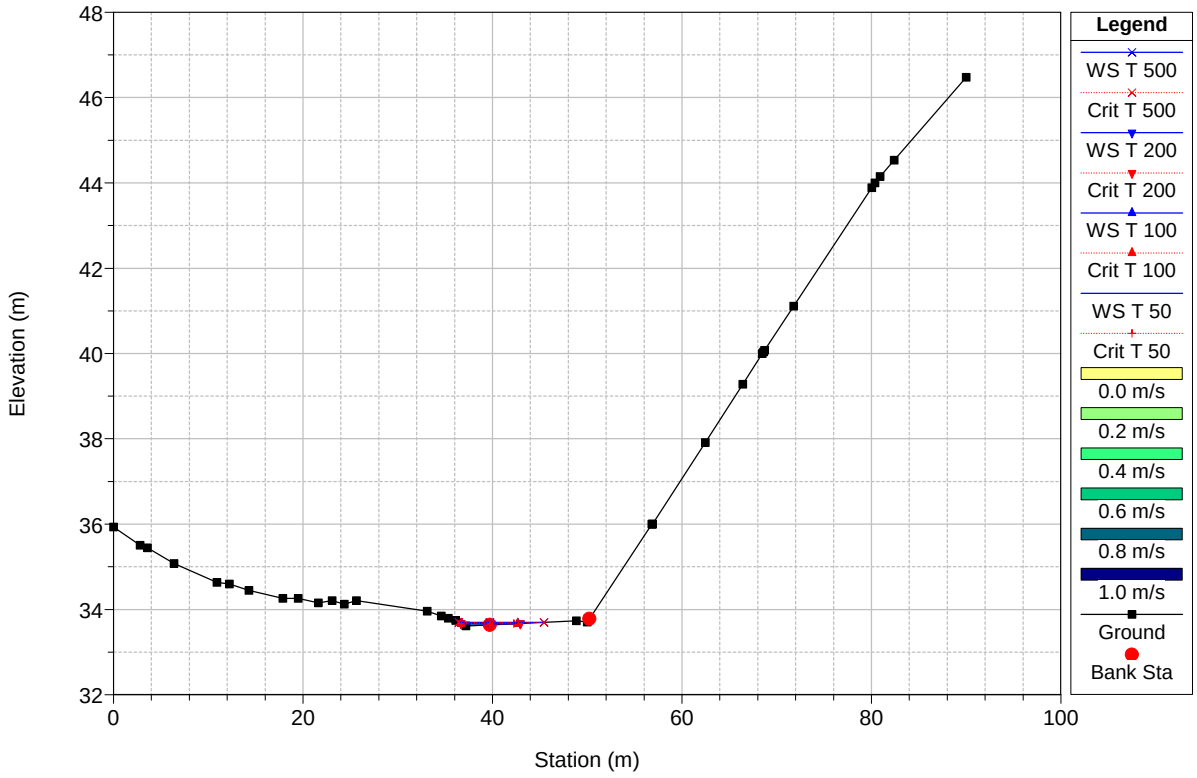
Geom: SI Flow: Flow 01



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

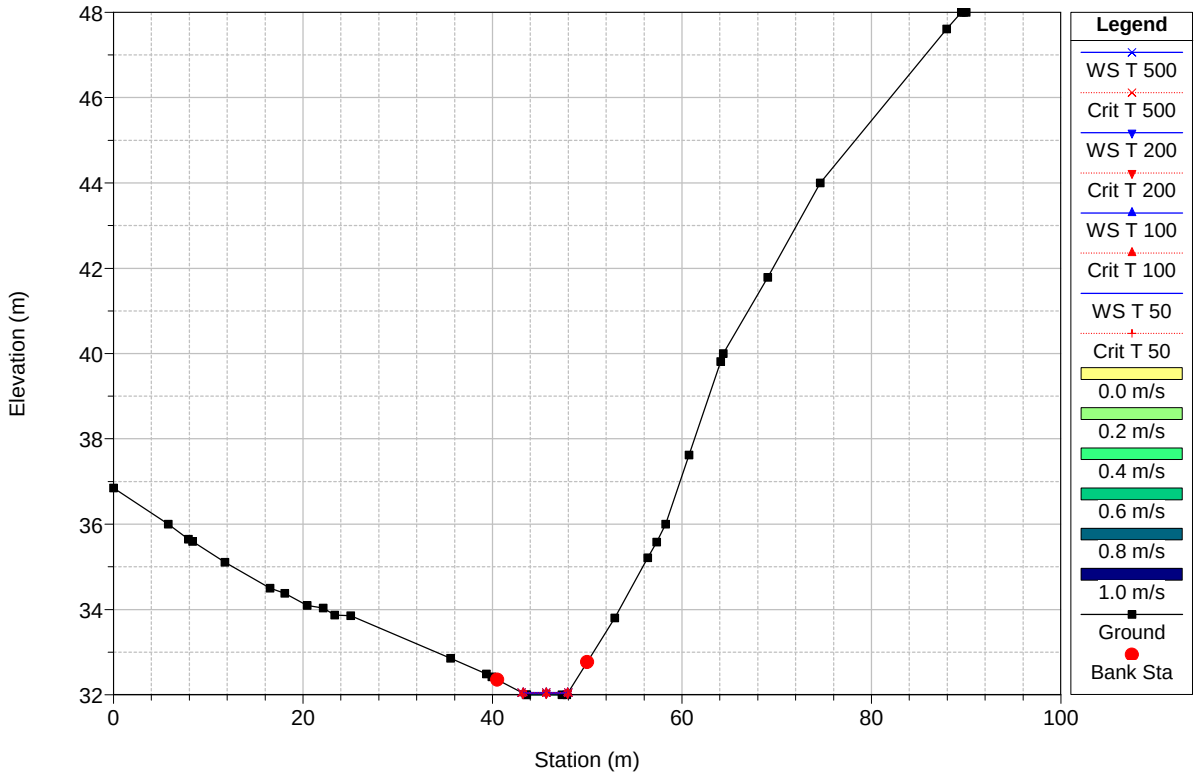
River = BACINOSTUB Reach = PRINC RS = 390



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

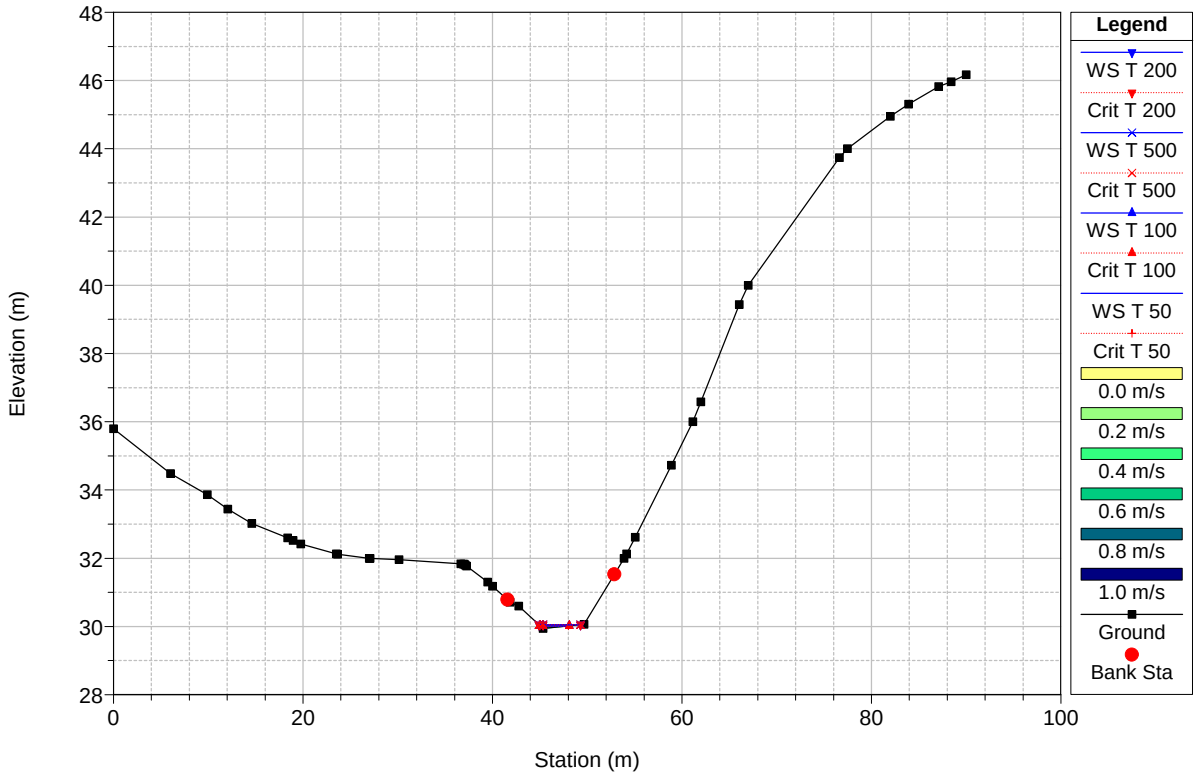
River = BACINOSTUB Reach = PRINC RS = 380



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

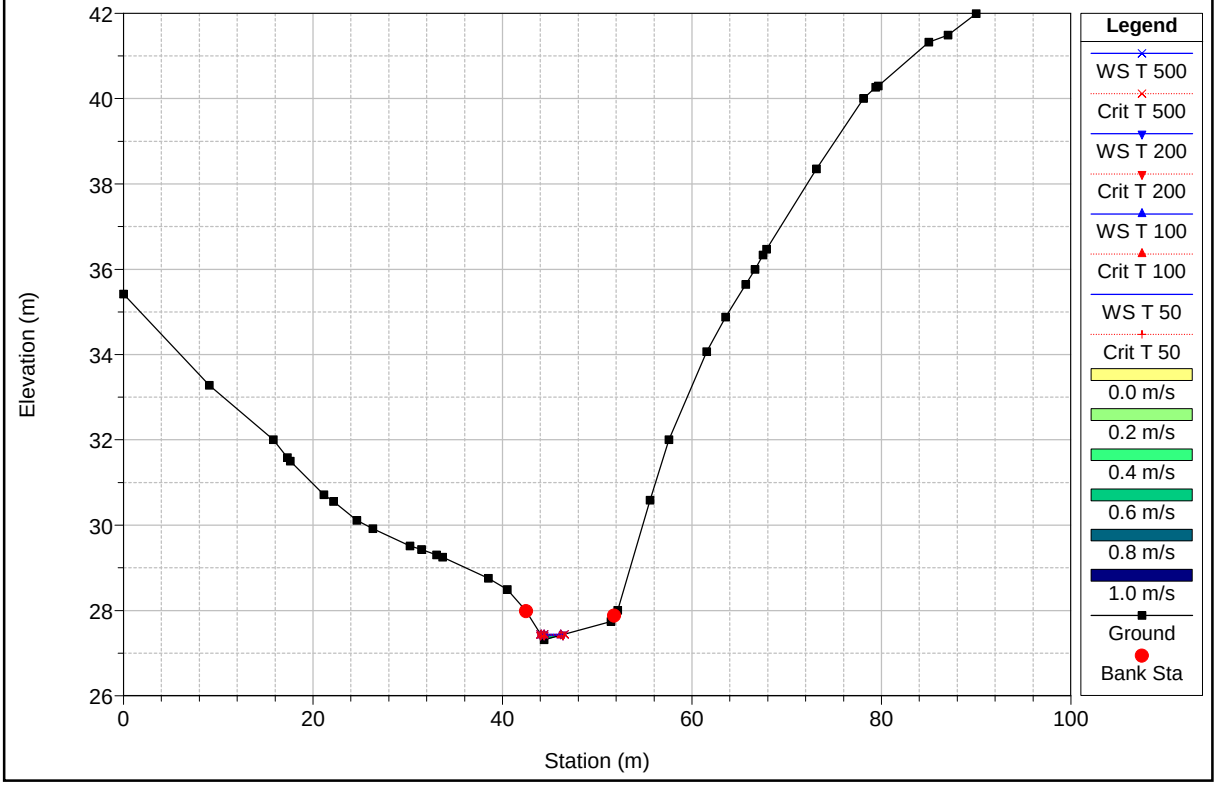
River = BACINOSTUB Reach = PRINC RS = 370



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

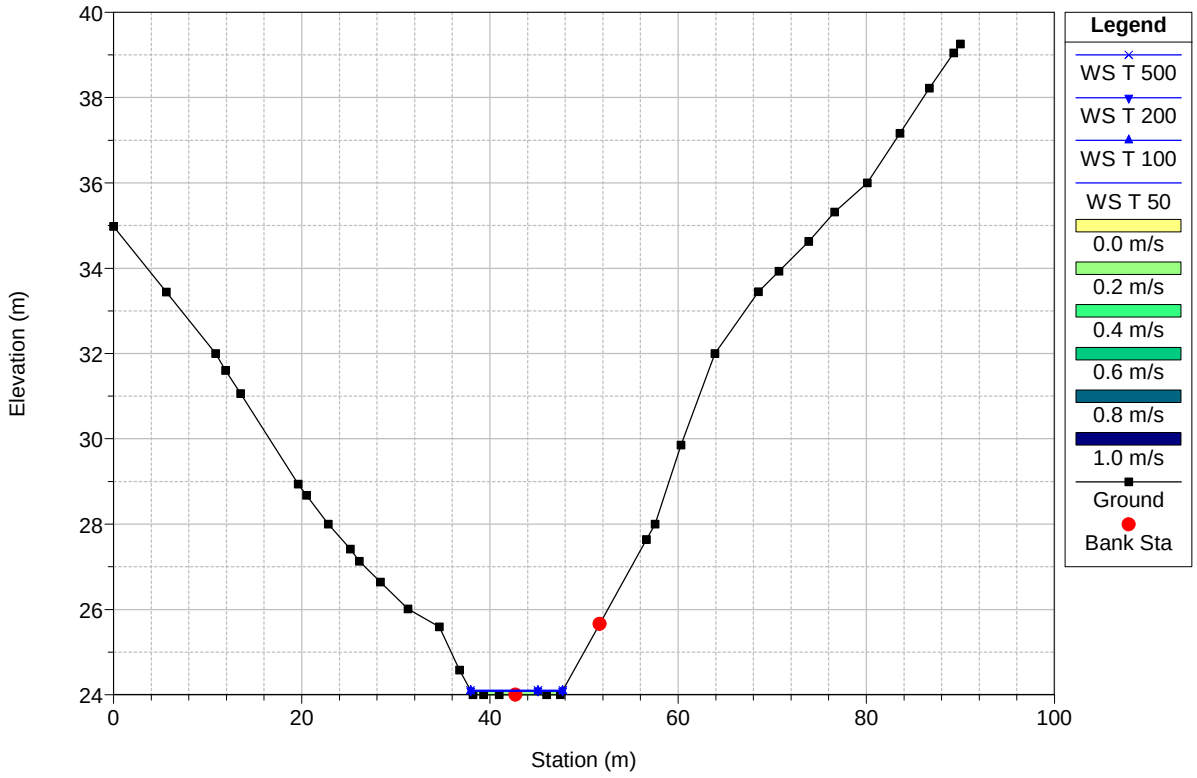
River = BACINOSTUB Reach = PRINC RS = 360



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

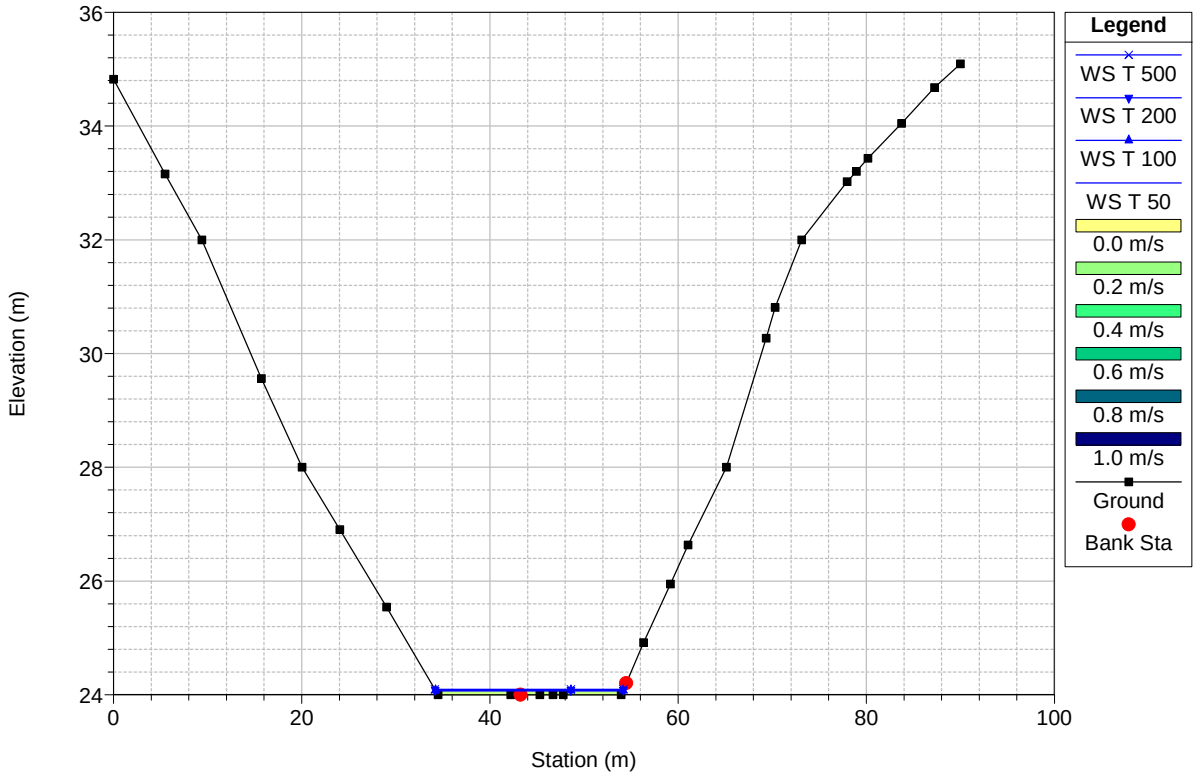
River = BACINOSTUB Reach = PRINC RS = 350



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

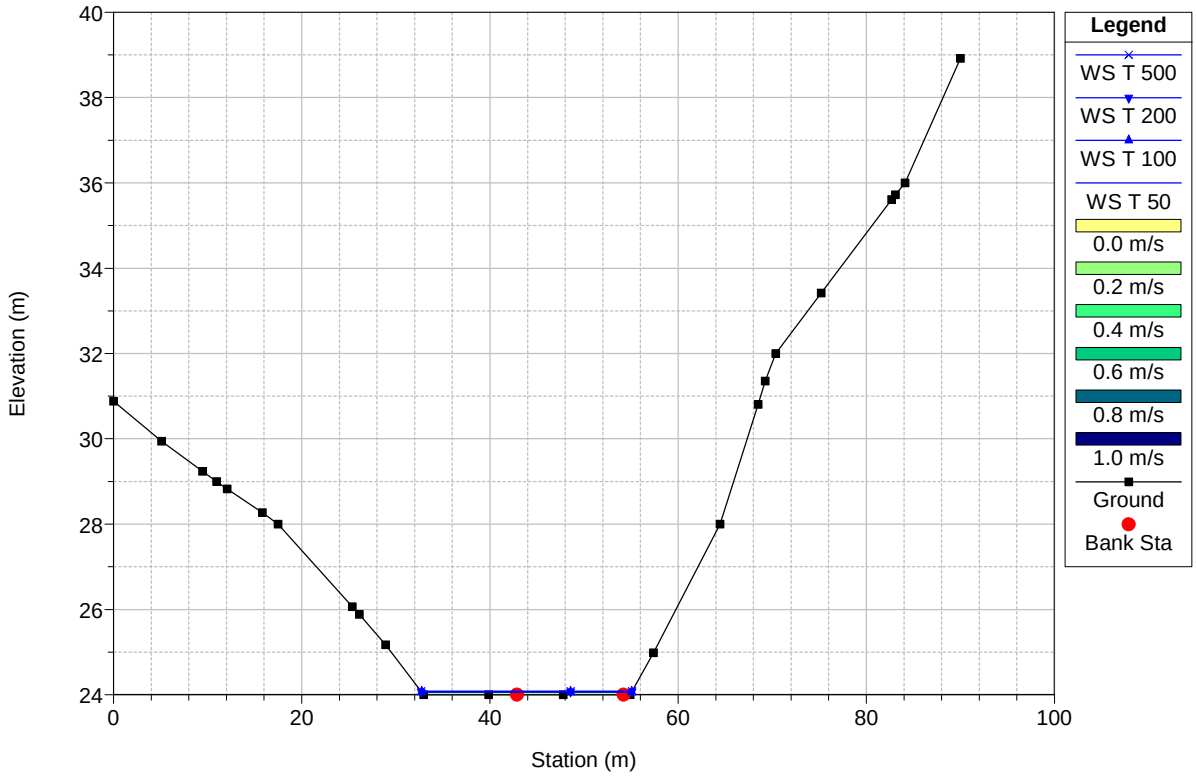
River = BACINOSTUB Reach = PRINC RS = 340



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

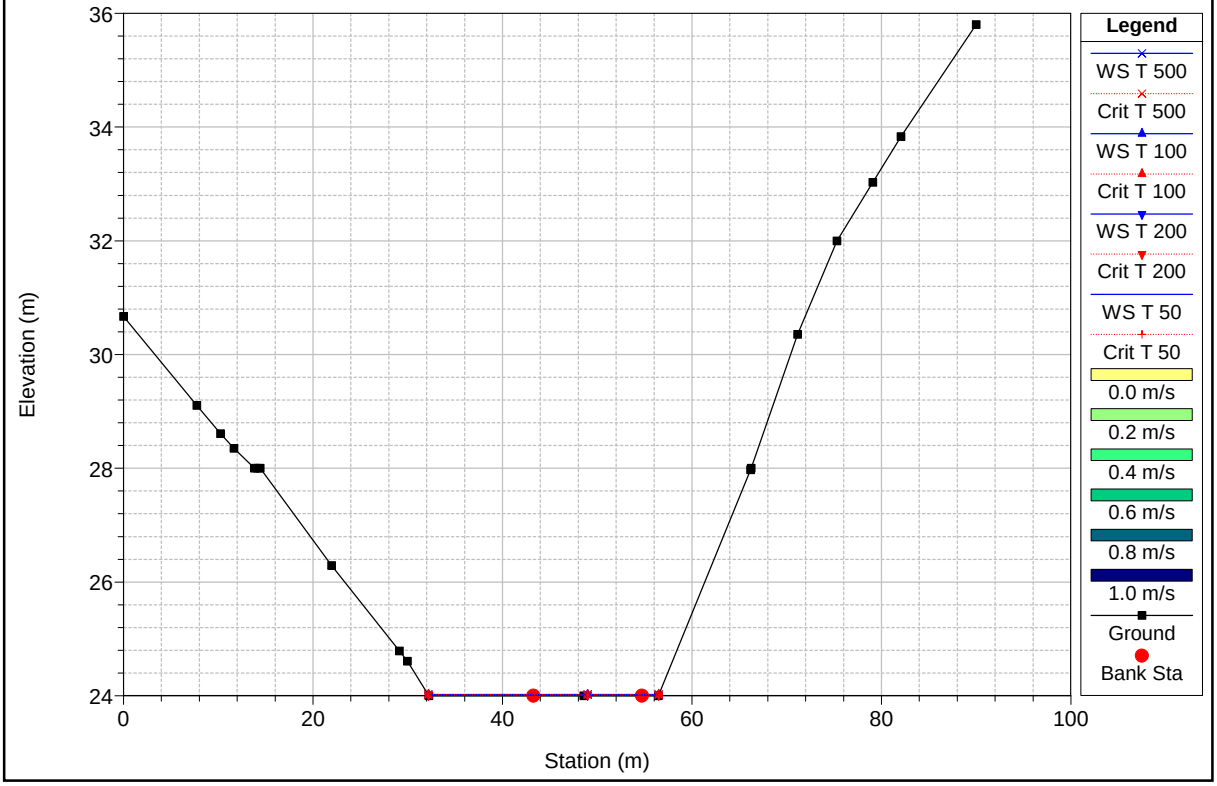
River = BACINOSTUB Reach = PRINC RS = 330



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

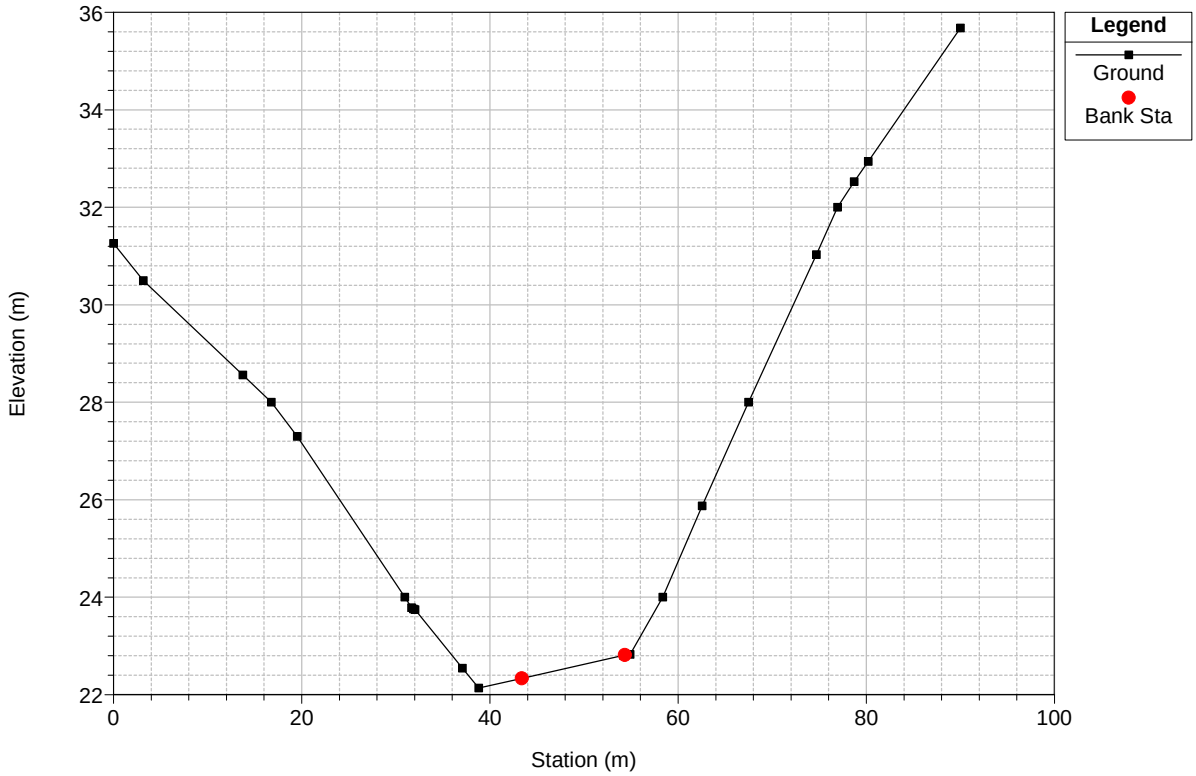
River = BACINOSTUB Reach = PRINC RS = 320



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

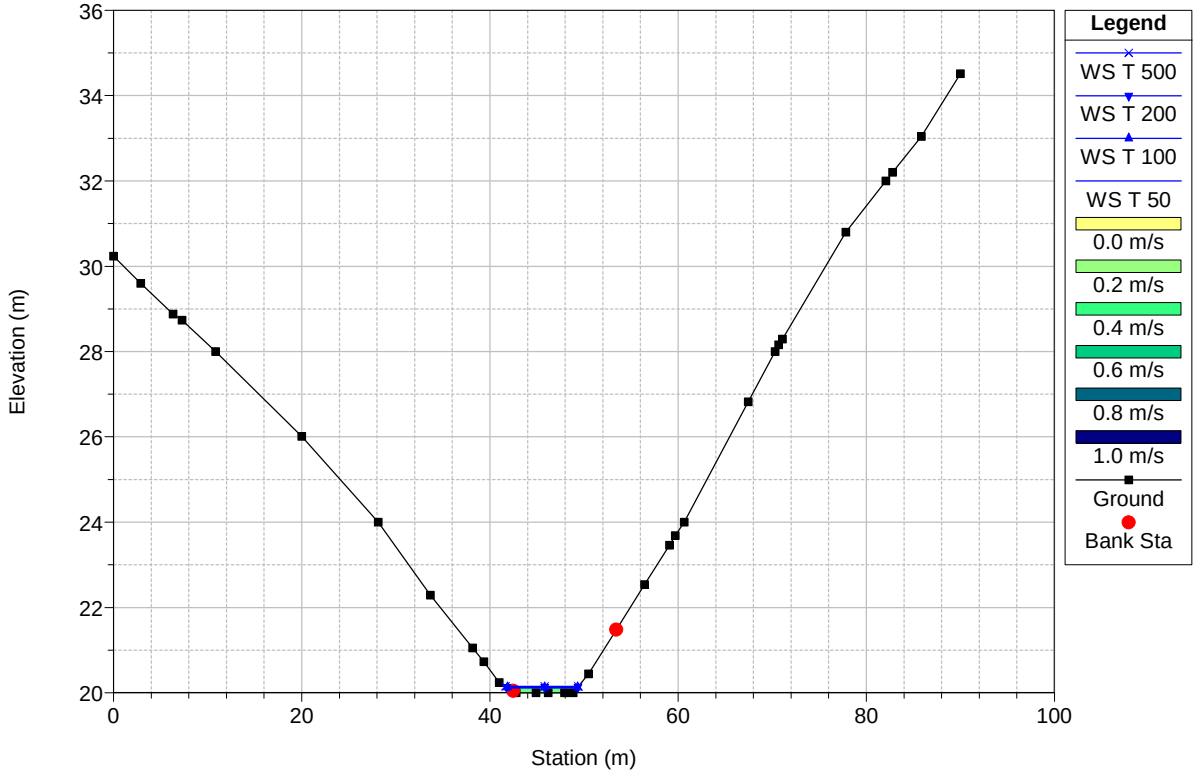
River = BACINOSTUB Reach = PRINC RS = 310

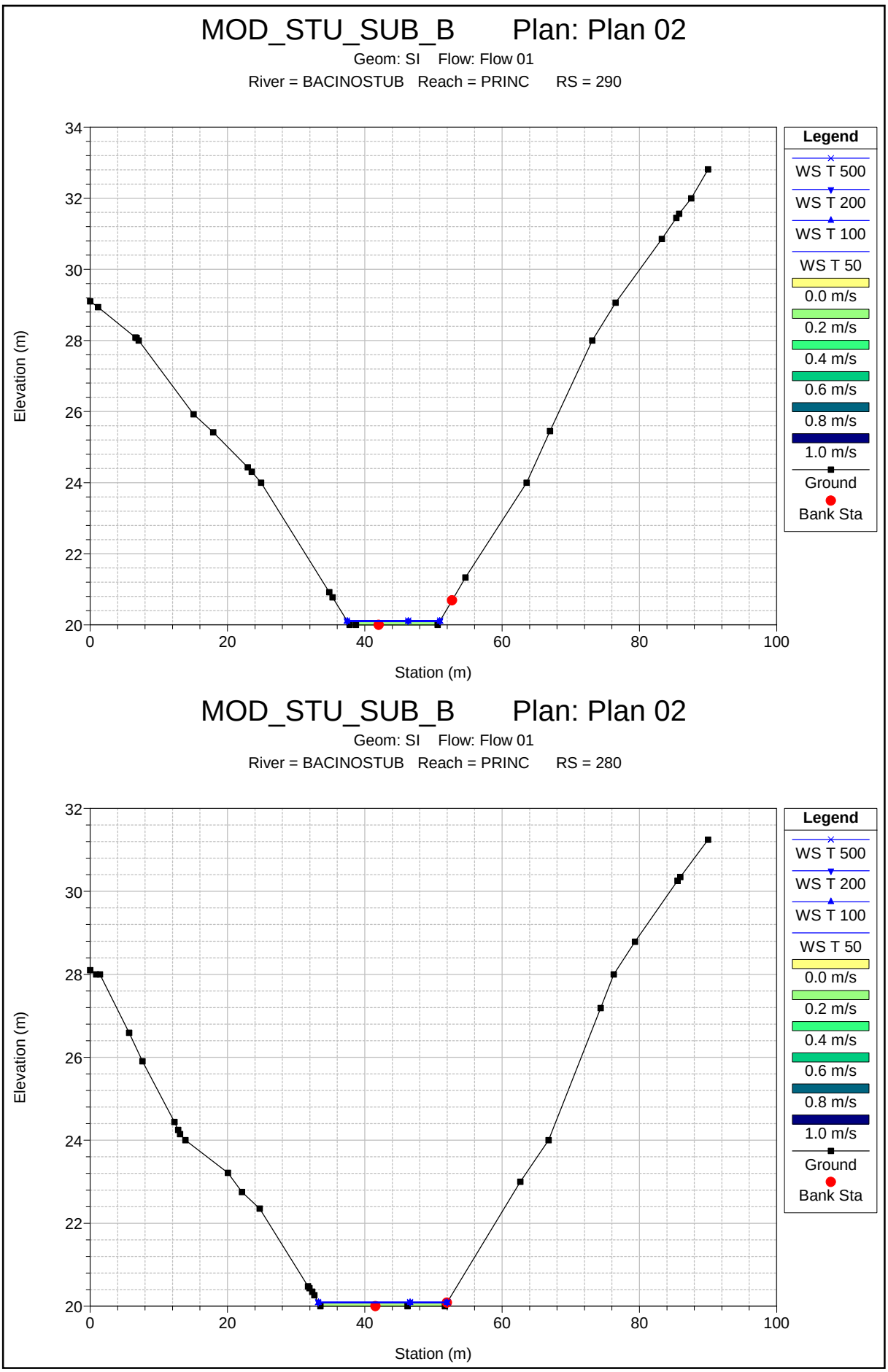


MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

River = BACINOSTUB Reach = PRINC RS = 300

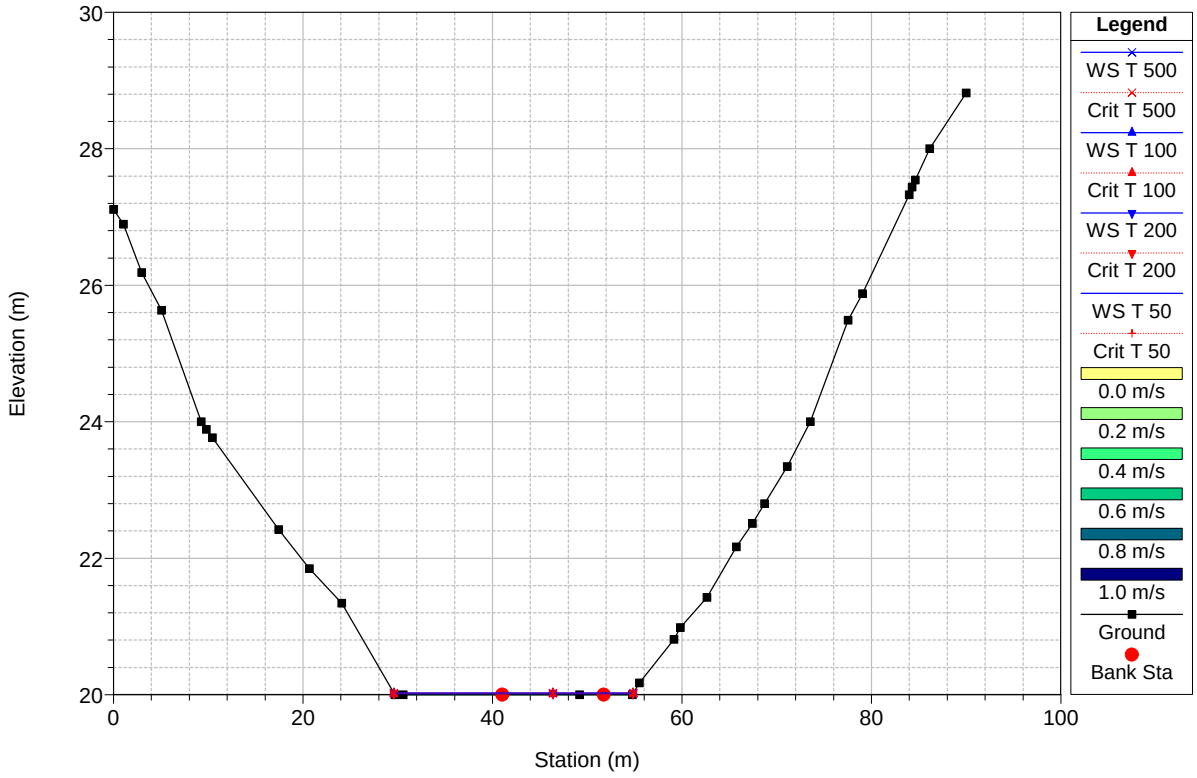



MOD_STU_SUB_B Plan: Plan 02
Geom: SI Flow: Flow 01
River = BACINOSTUB Reach = PRINC RS = 290
Elevation (m)
Station (m)
Legend
WS T 500
WS T 200
WS T 100
WS T 50
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
MOD_STU_SUB_B Plan: Plan 02
Geom: SI Flow: Flow 01
River = BACINOSTUB Reach = PRINC RS = 280
Elevation (m)
Station (m)
Legend
WS T 500
WS T 200
WS T 100
WS T 50
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta

MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

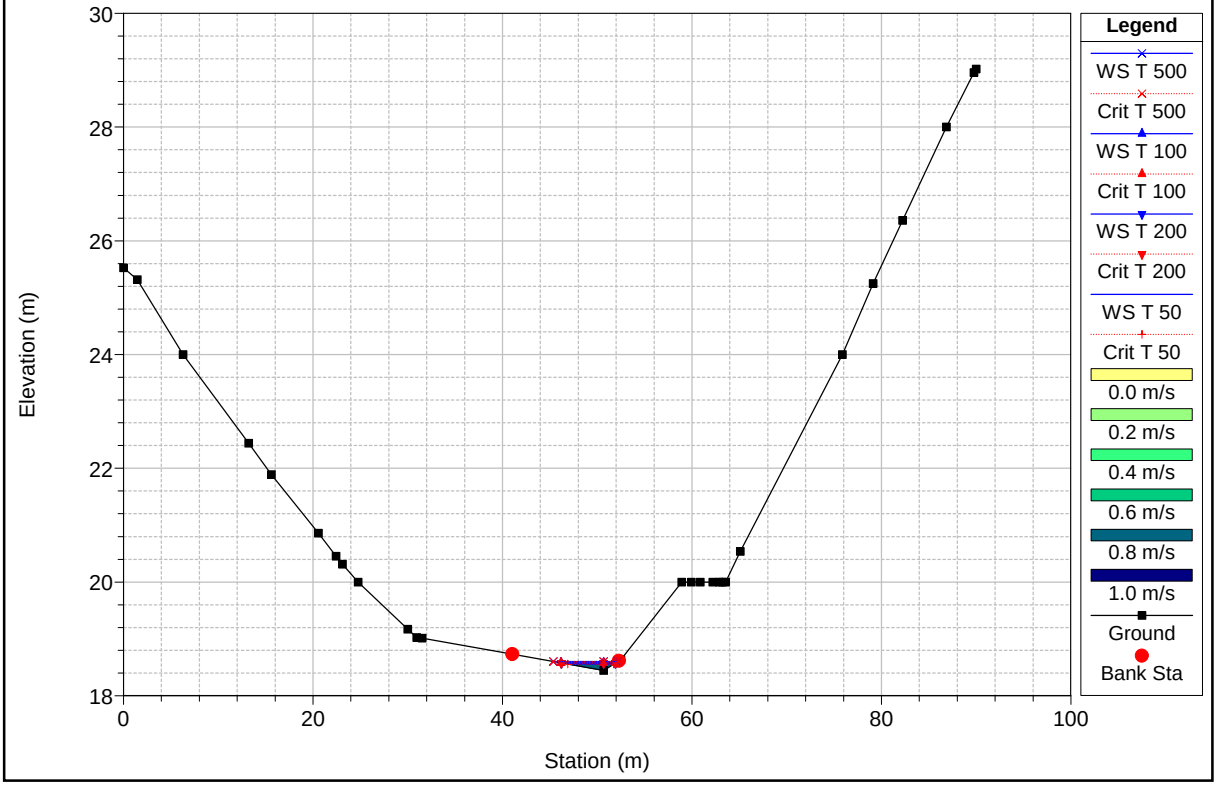
River = BACINOSTUB Reach = PRINC RS = 270



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

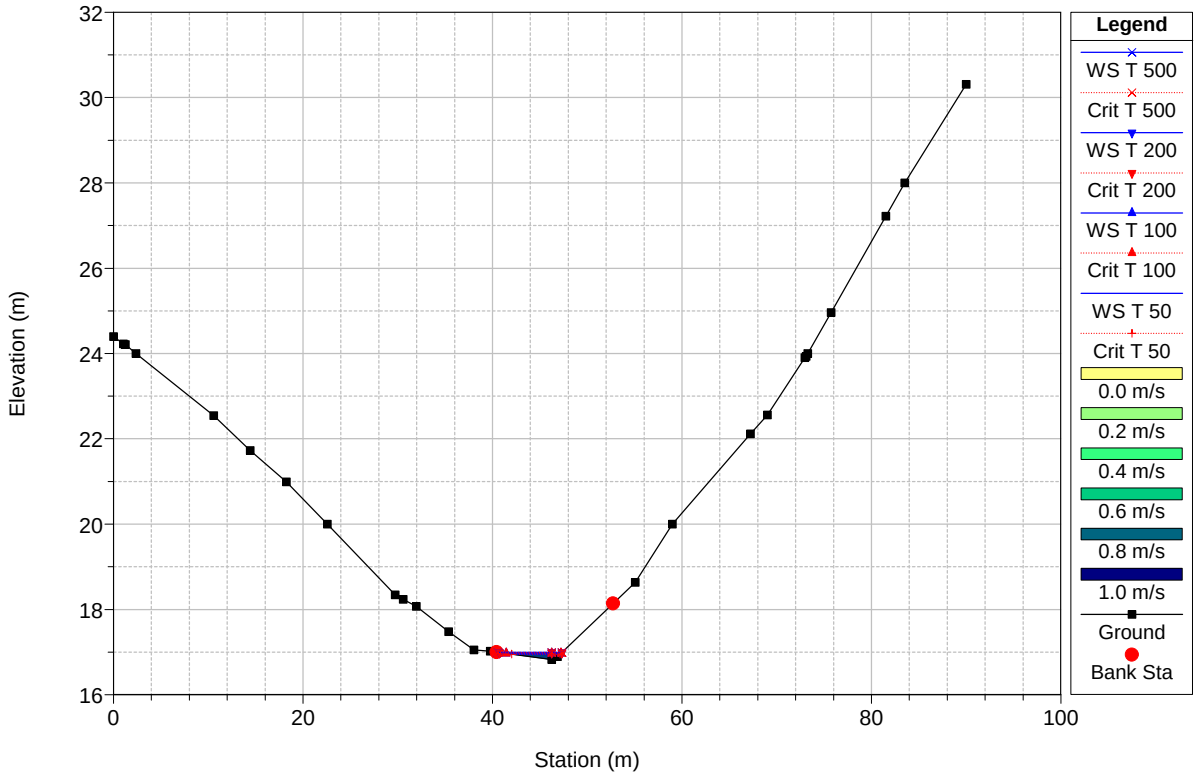
River = BACINOSTUB Reach = PRINC RS = 260



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

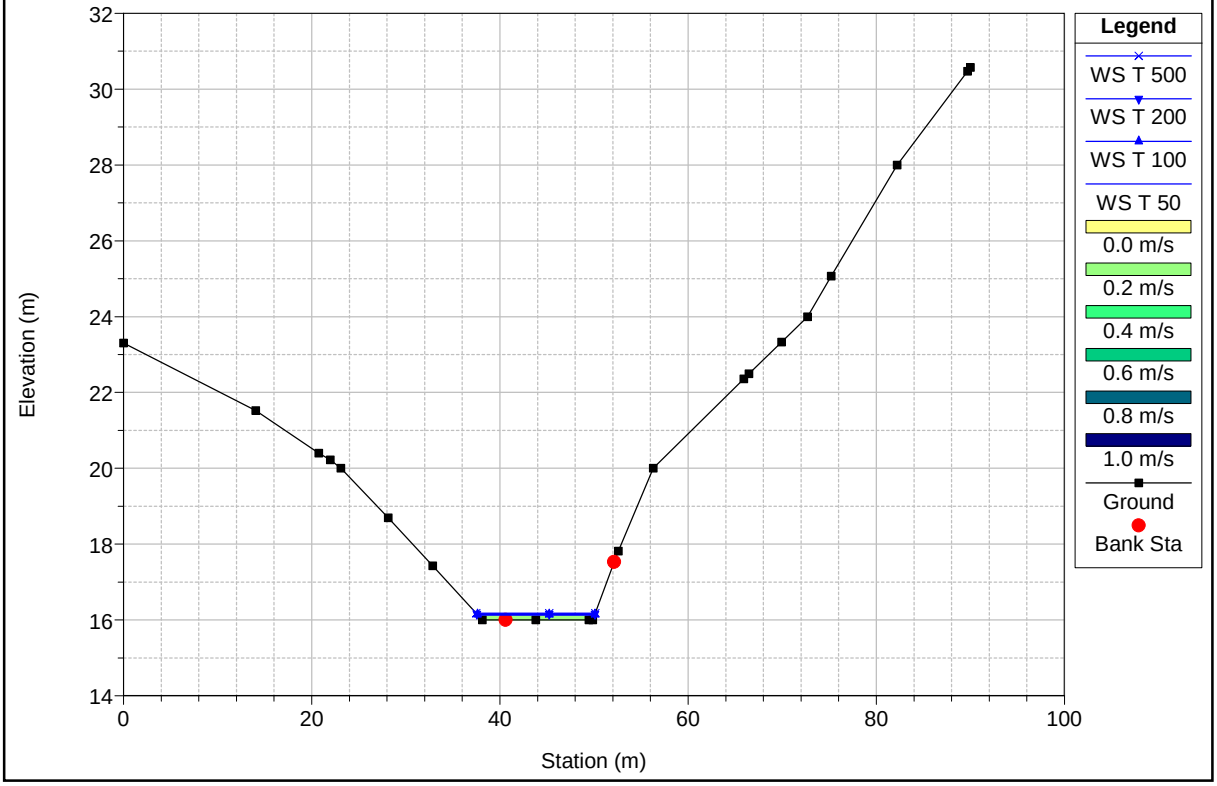
River = BACINOSTUB Reach = PRINC RS = 250



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

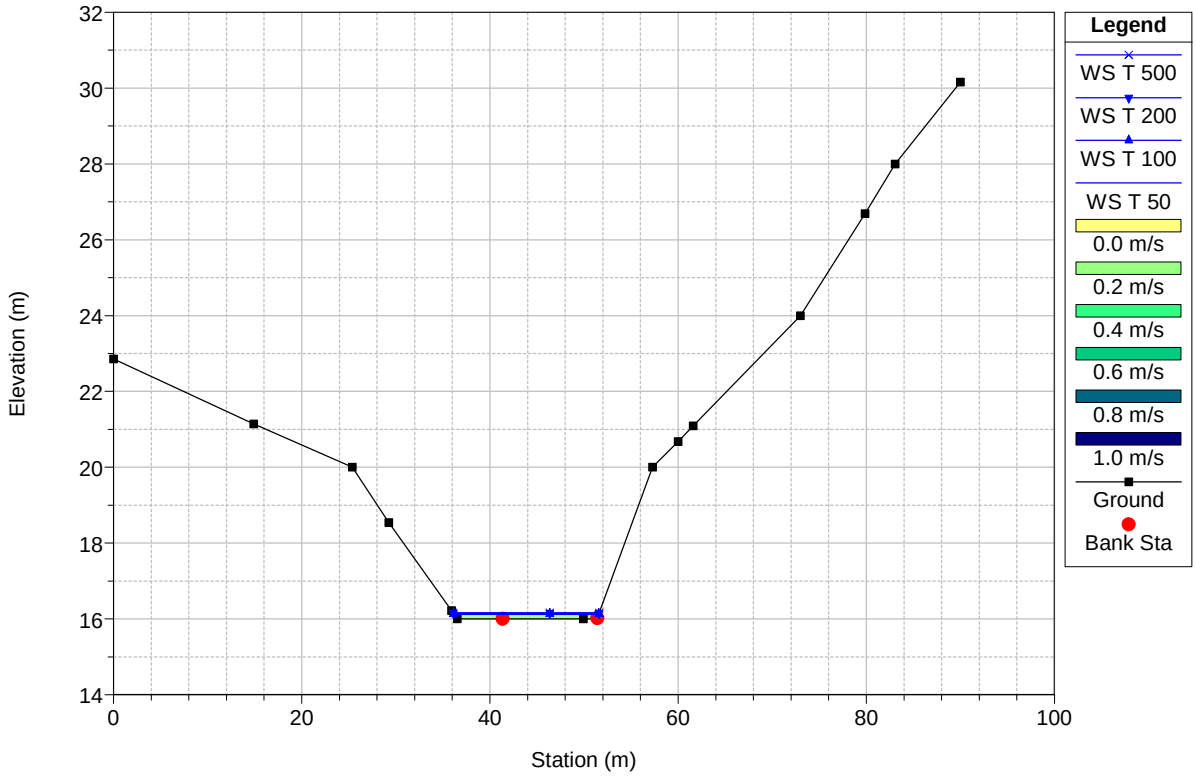
River = BACINOSTUB Reach = PRINC RS = 240



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

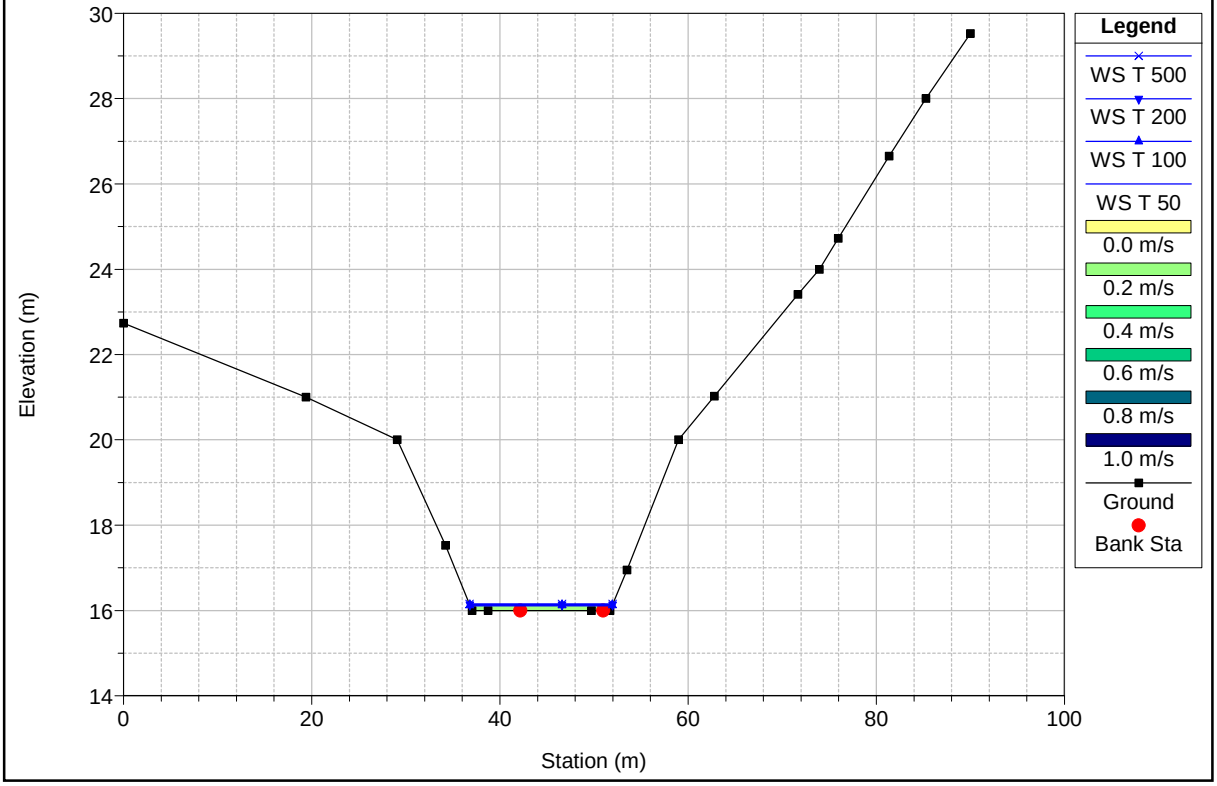
River = BACINOSTUB Reach = PRINC RS = 230



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

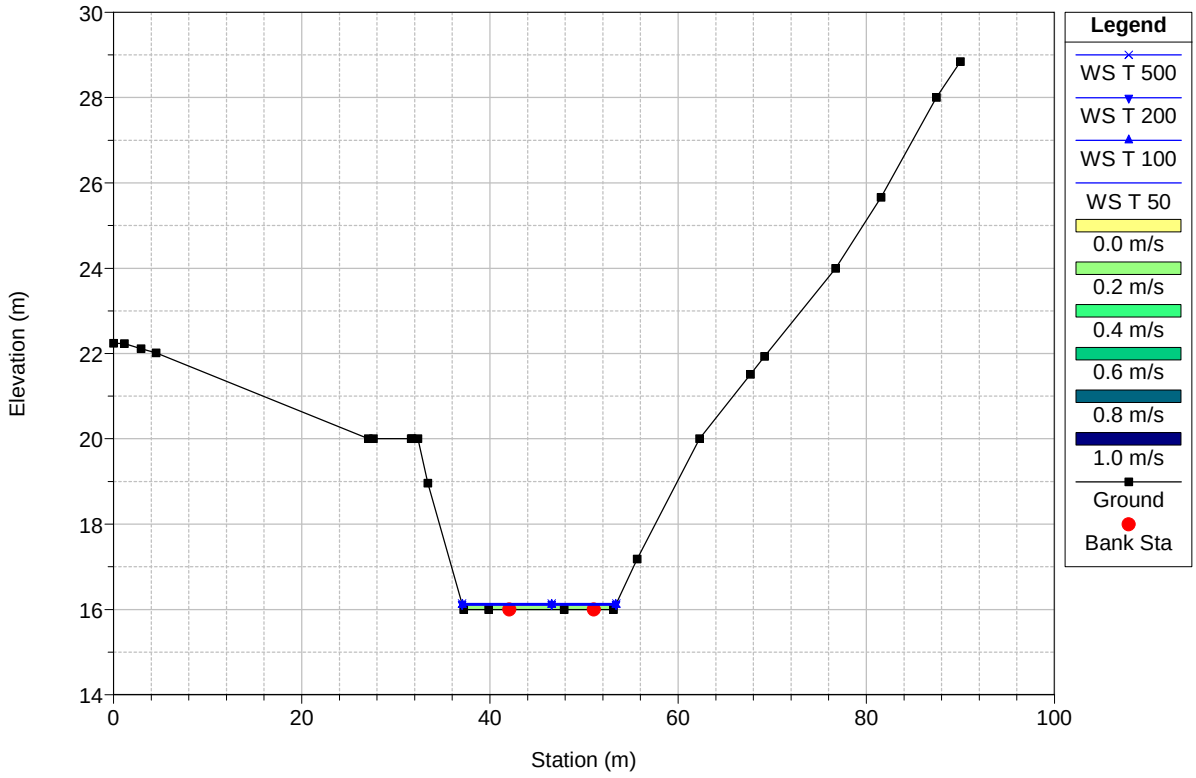
River = BACINOSTUB Reach = PRINC RS = 220



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

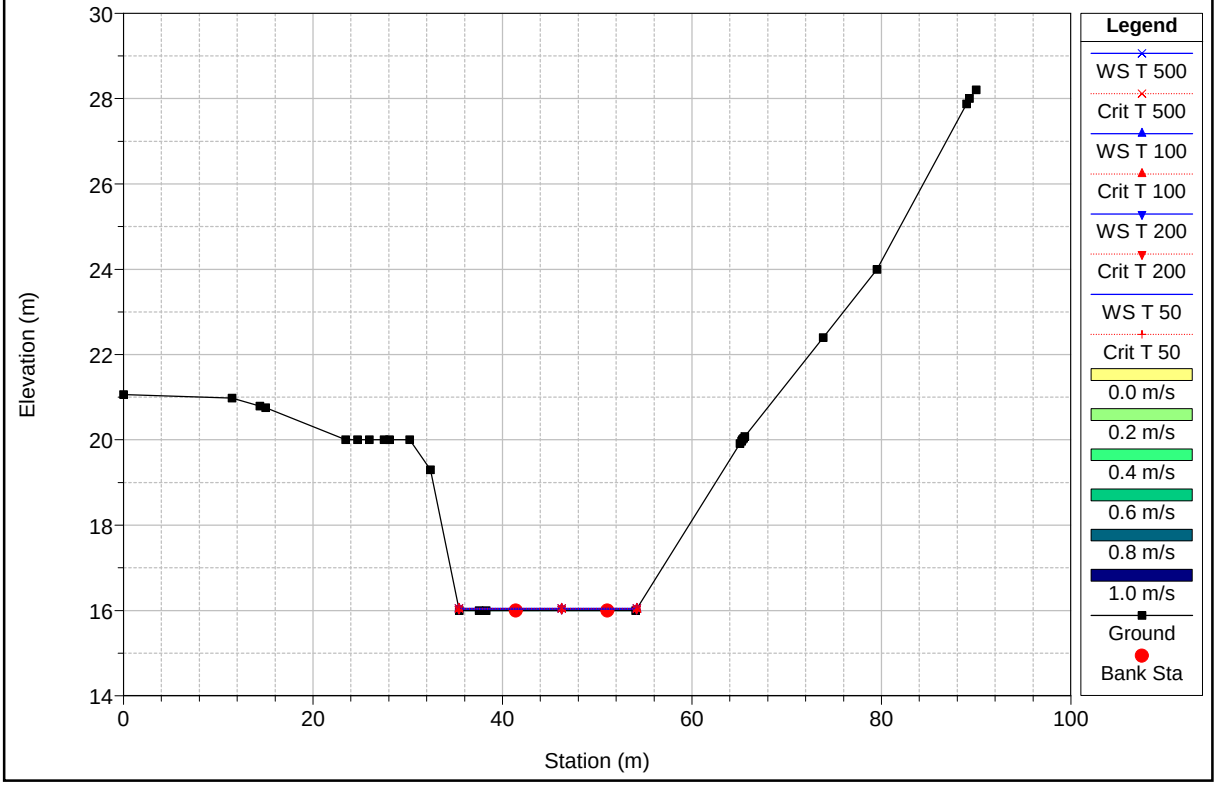
River = BACINOSTUB Reach = PRINC RS = 210



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

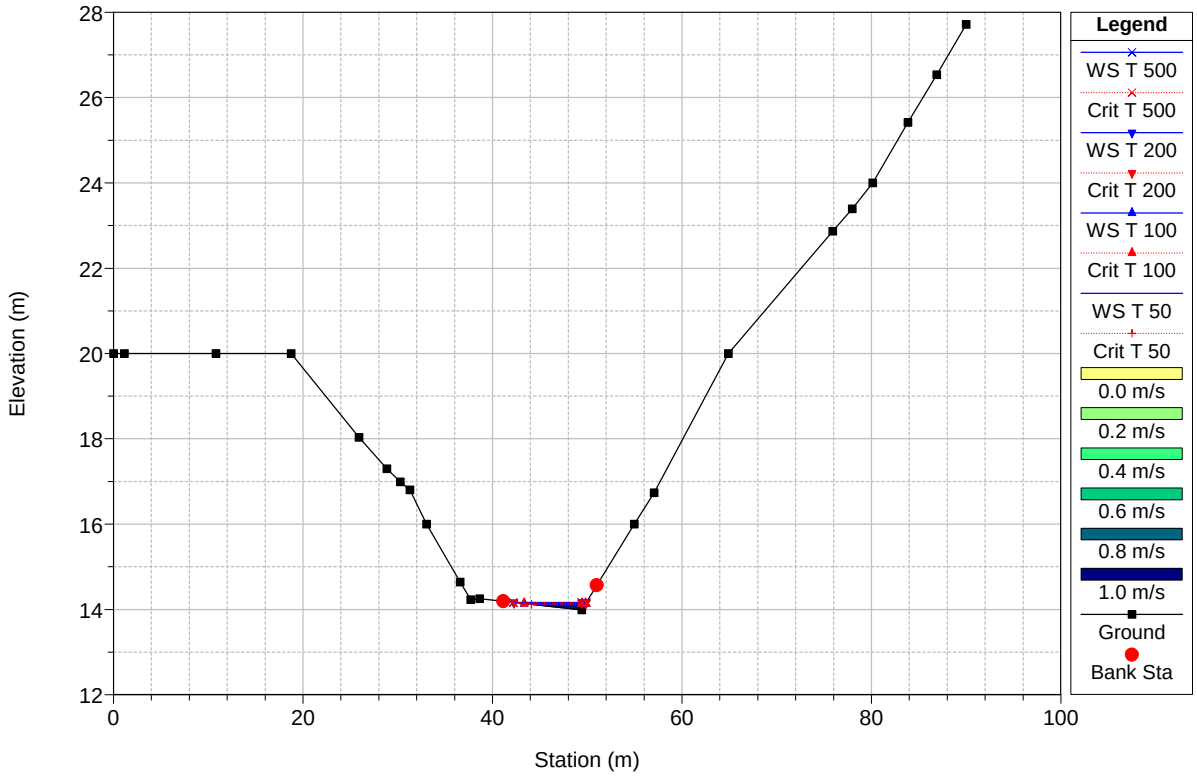
River = BACINOSTUB Reach = PRINC RS = 200



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

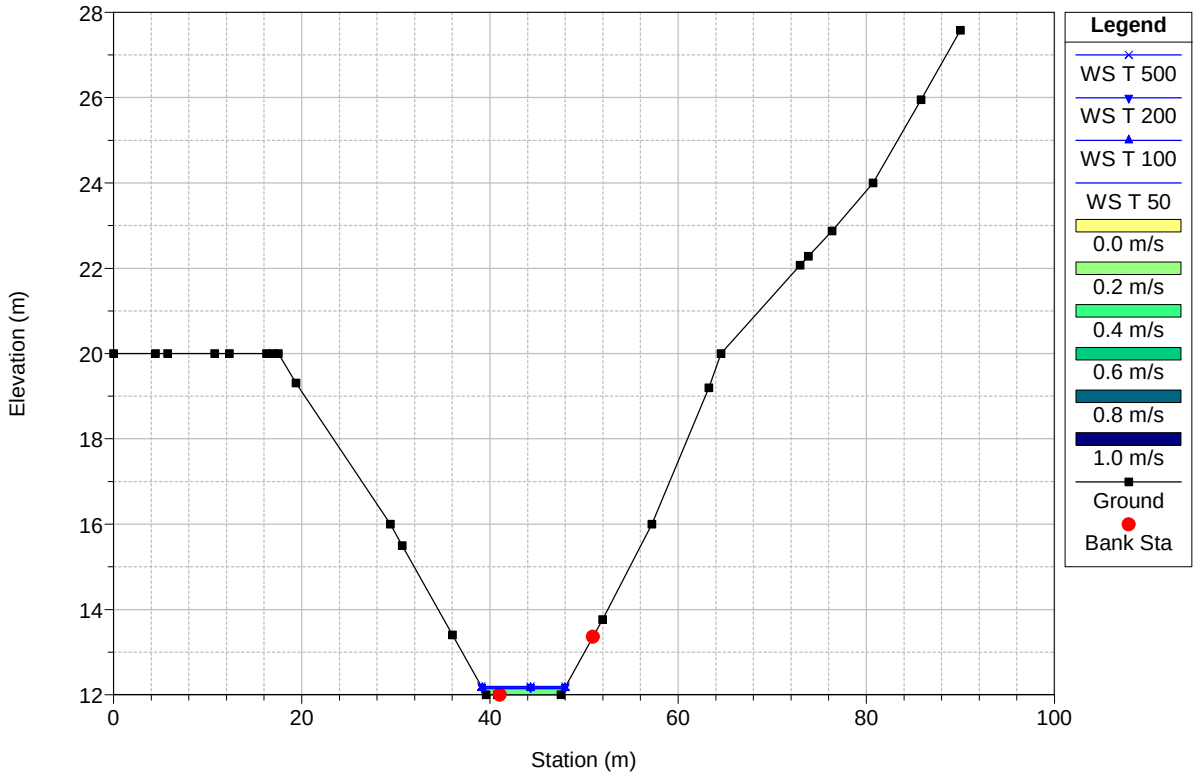
River = BACINOSTUB Reach = PRINC RS = 190



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

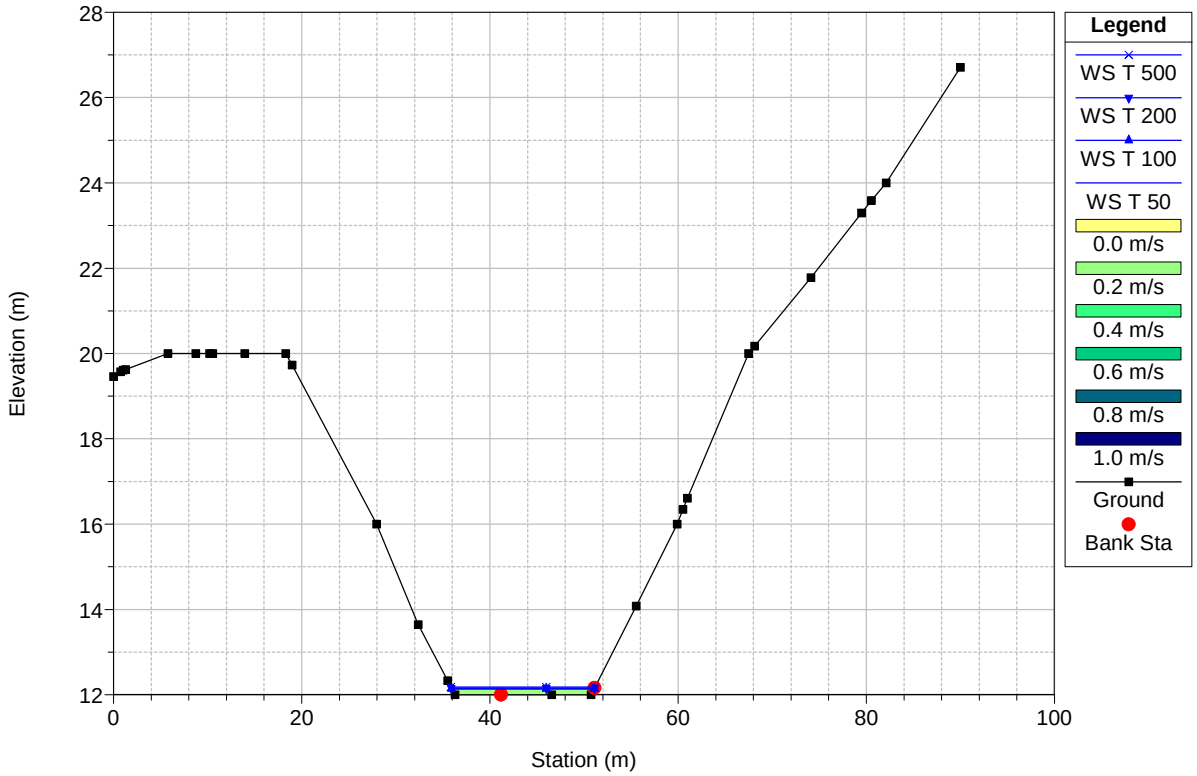
River = BACINOSTUB Reach = PRINC RS = 180



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

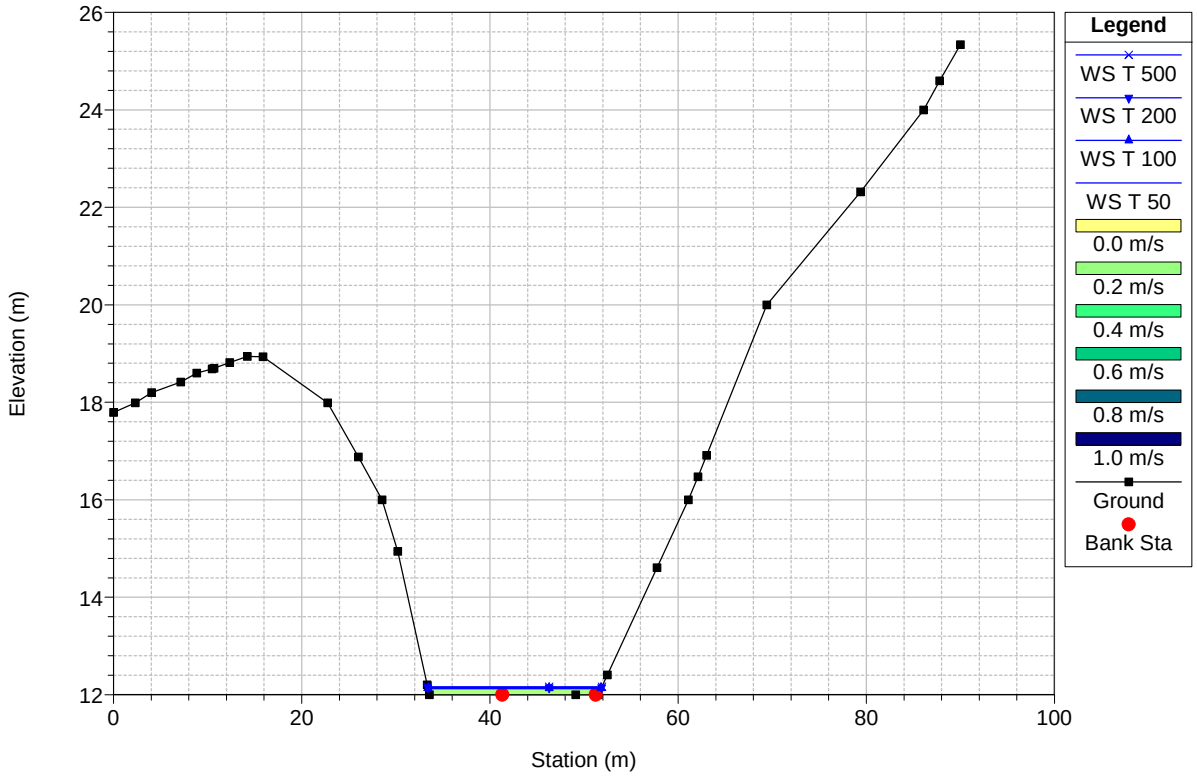
River = BACINOSTUB Reach = PRINC RS = 170



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

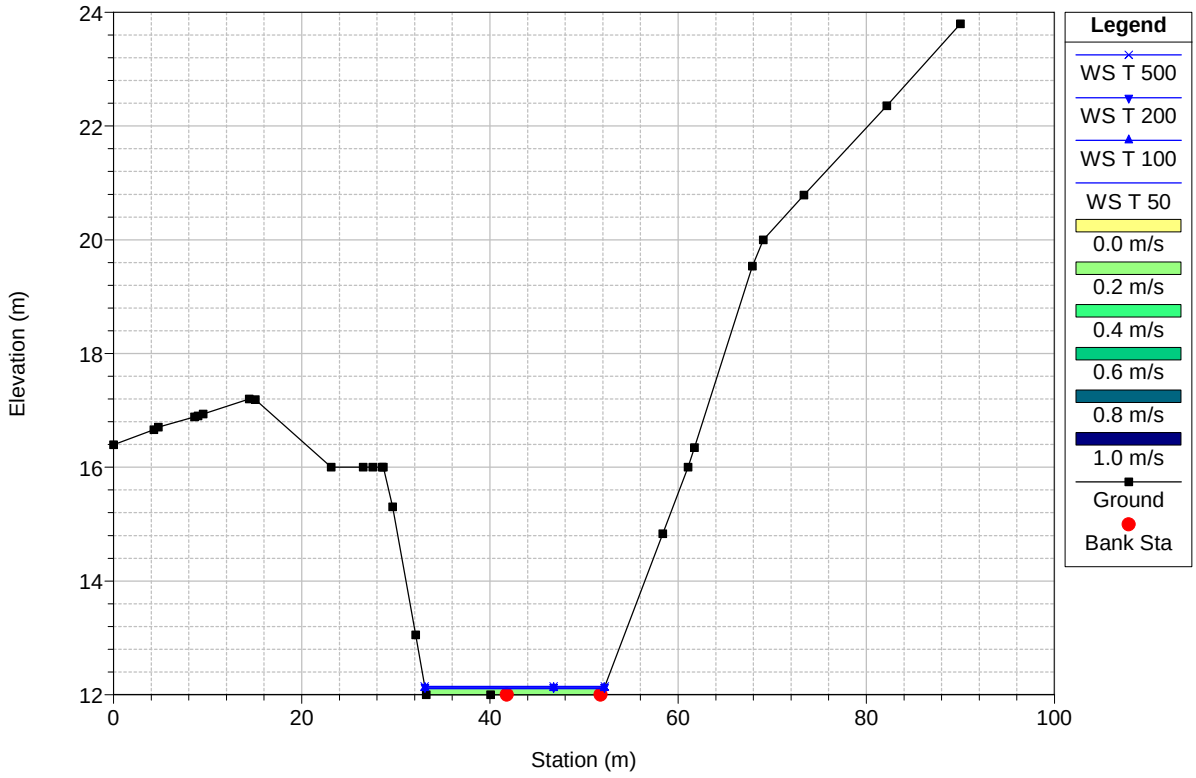
River = BACINOSTUB Reach = PRINC RS = 160



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

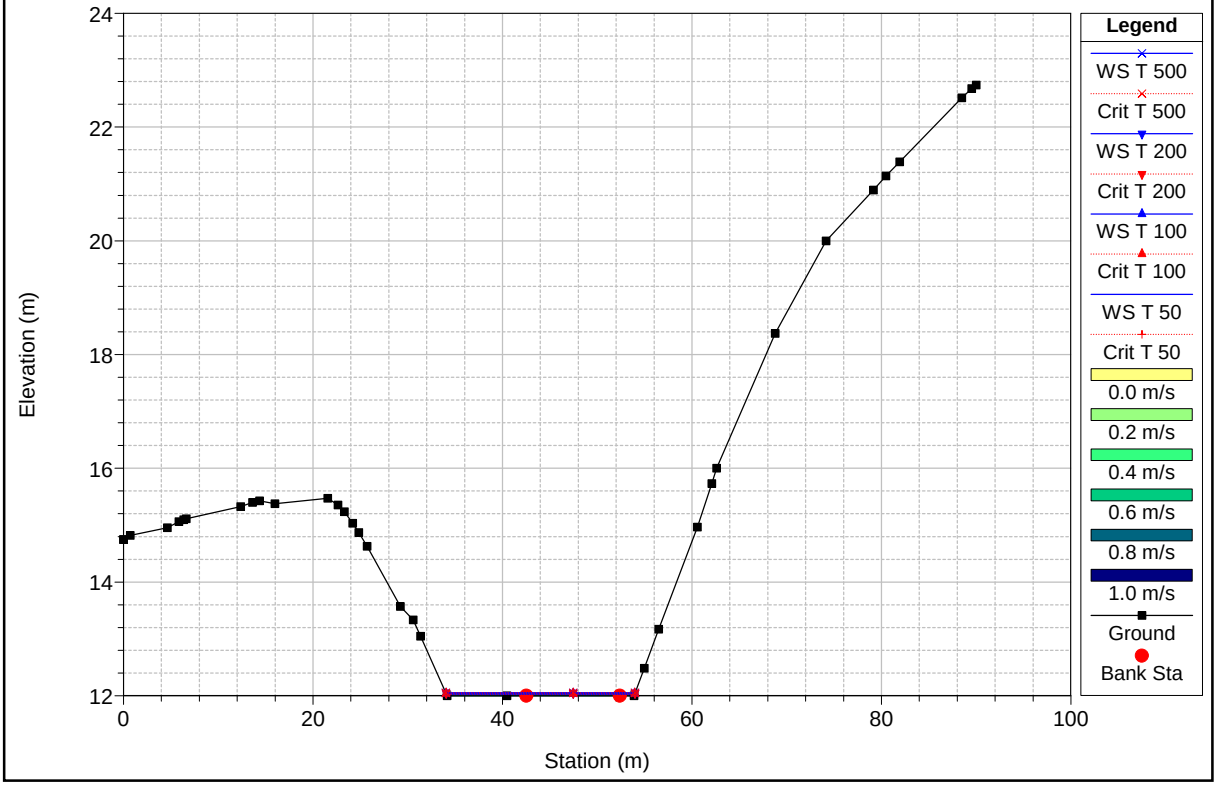
River = BACINOSTUB Reach = PRINC RS = 150



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

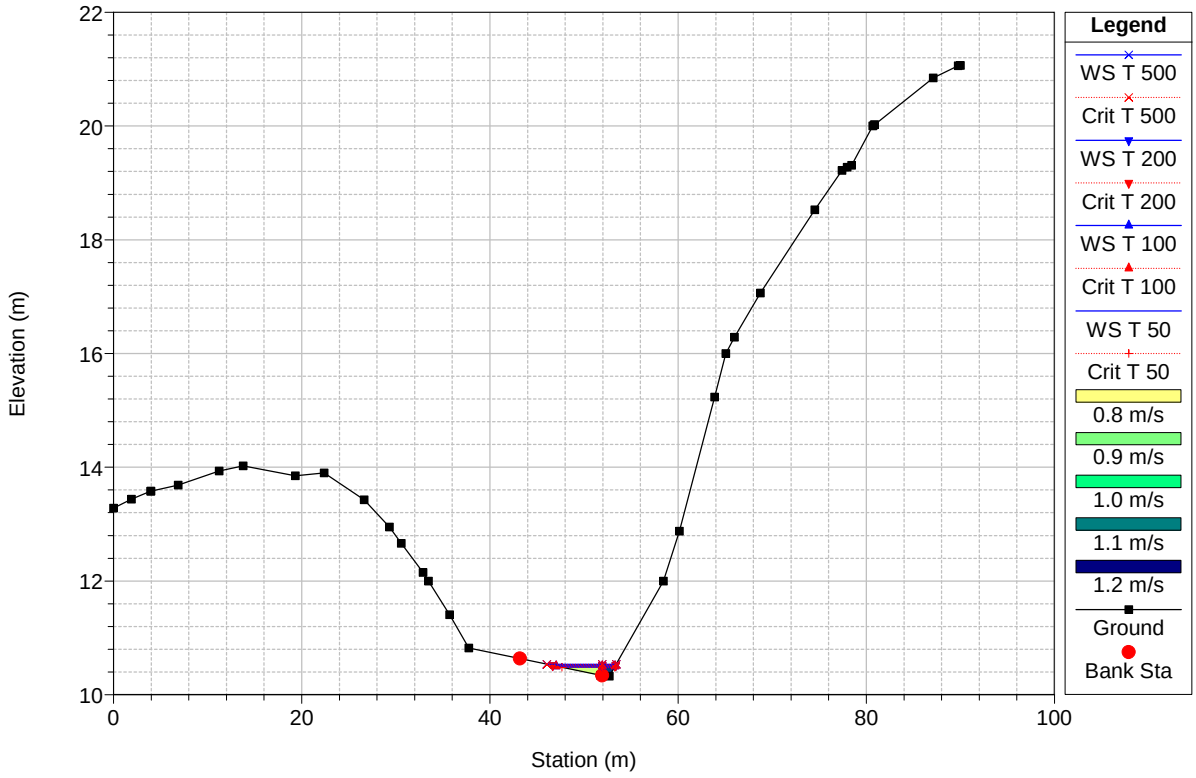
River = BACINOSTUB Reach = PRINC RS = 140



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

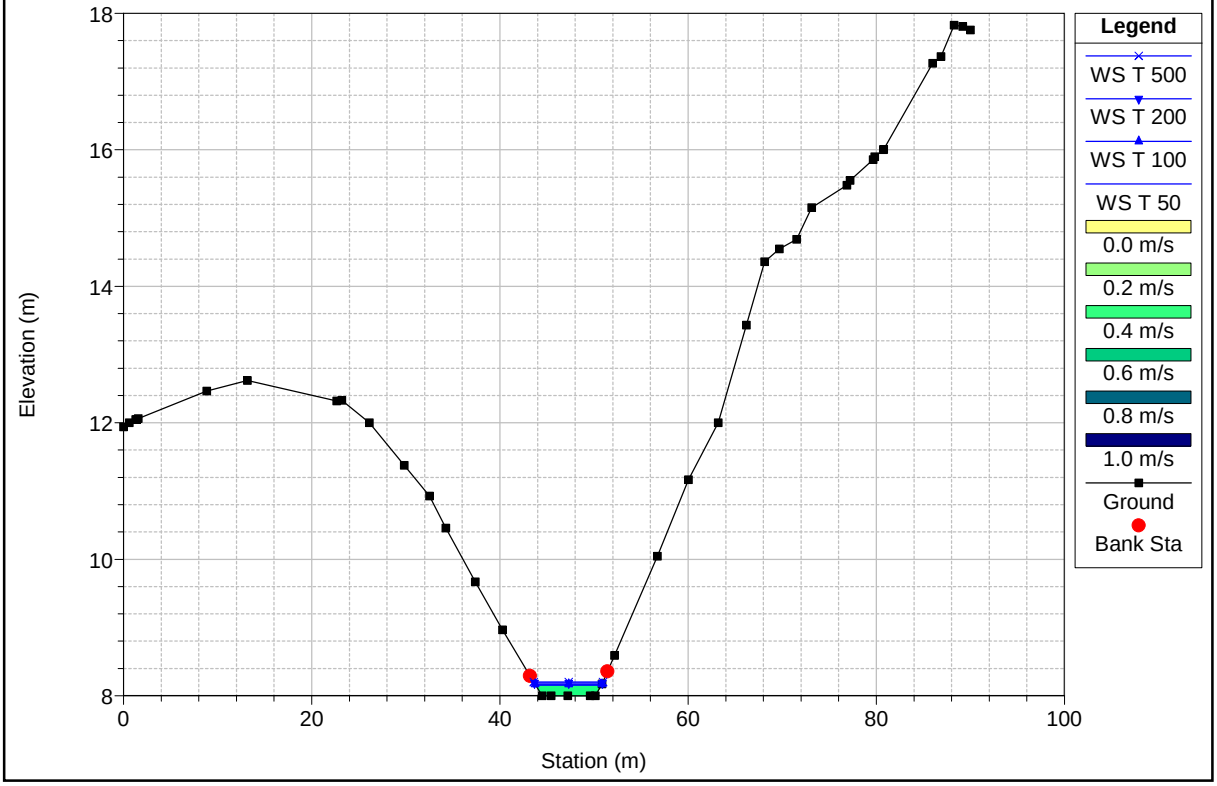
River = BACINOSTUB Reach = PRINC RS = 130



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

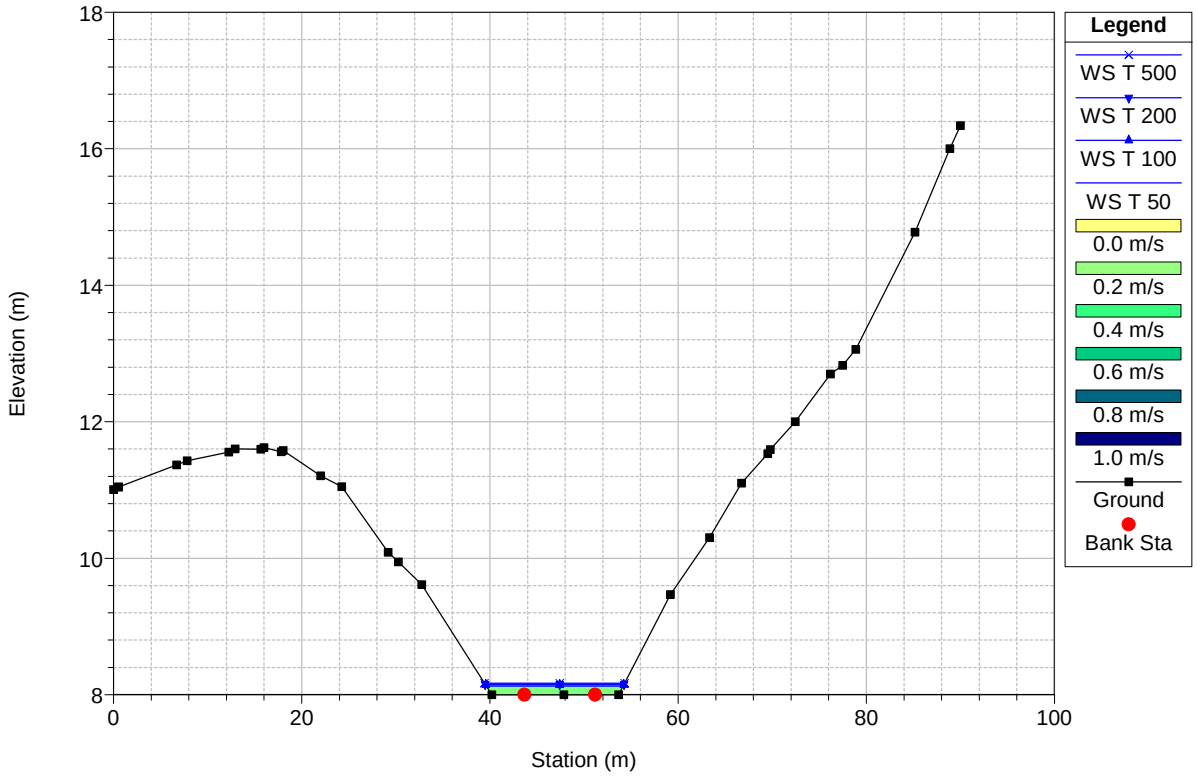
River = BACINOSTUB Reach = PRINC RS = 120



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

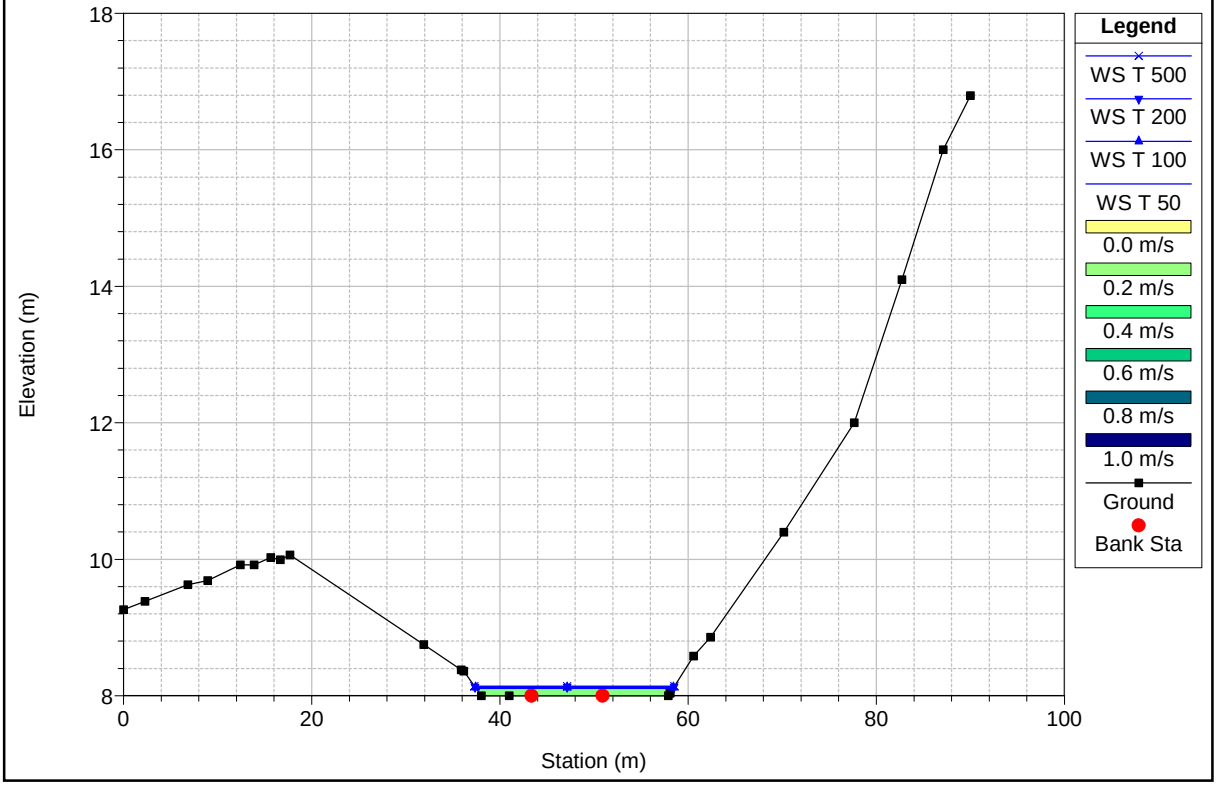
River = BACINOSTUB Reach = PRINC RS = 110



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

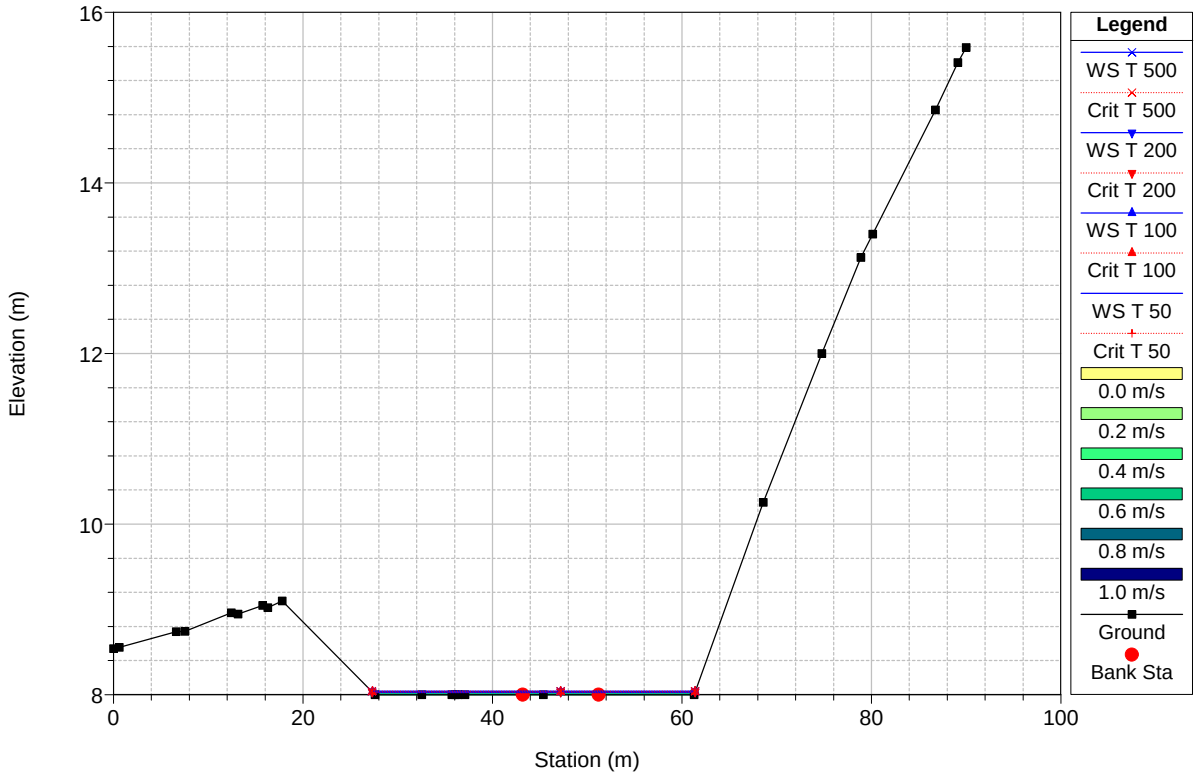
River = BACINOSTUB Reach = PRINC RS = 100



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

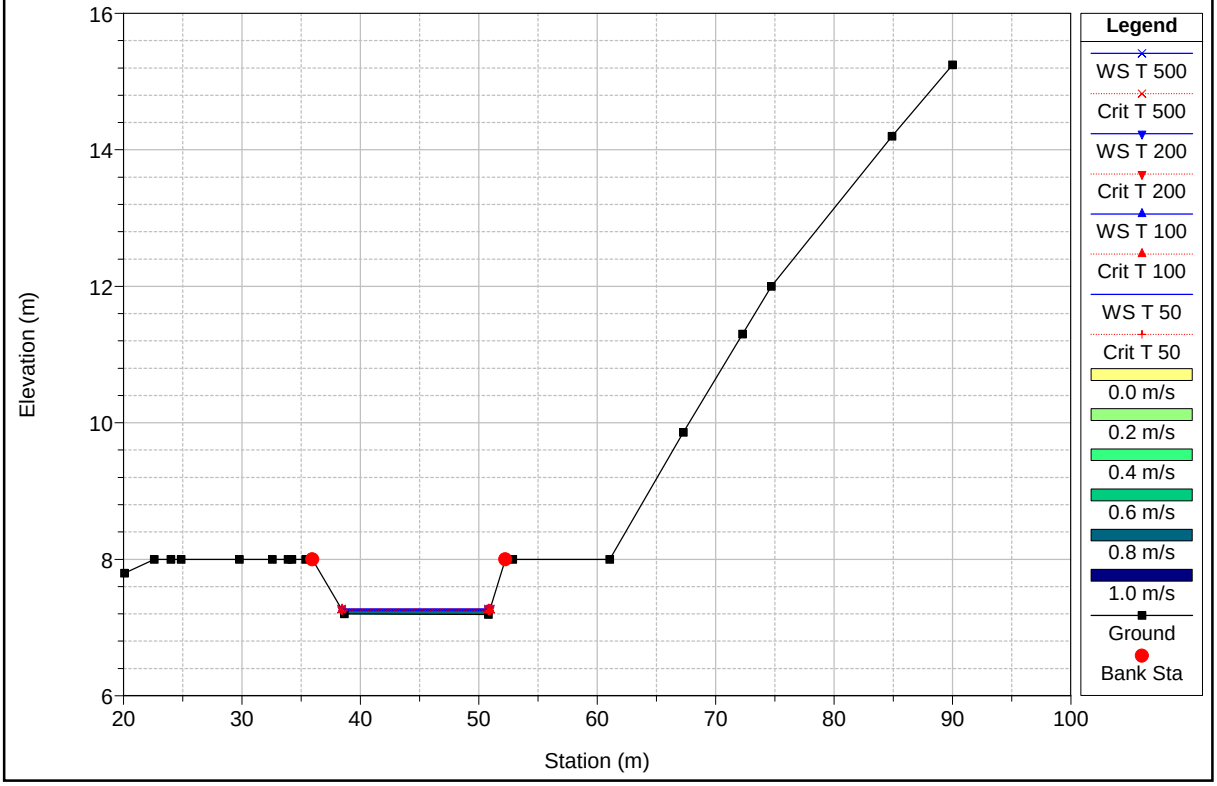
River = BACINOSTUB Reach = PRINC RS = 90



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

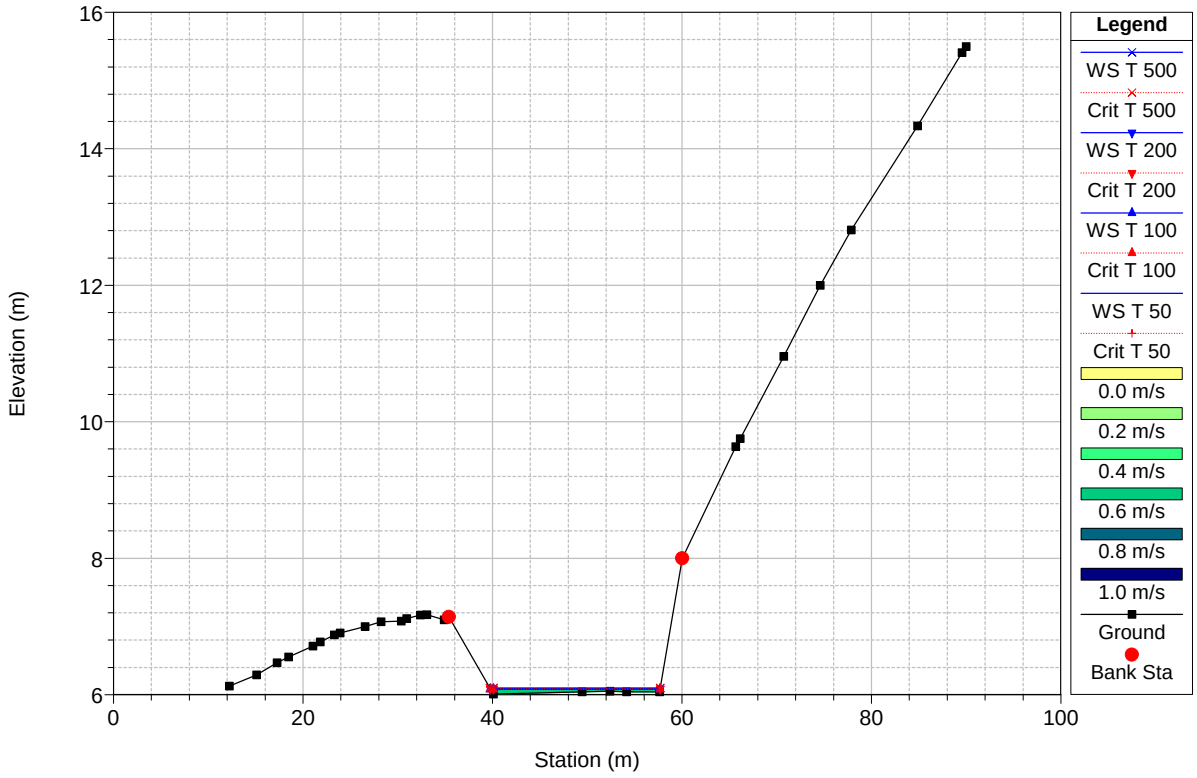
River = BACINOSTUB Reach = PRINC RS = 80



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

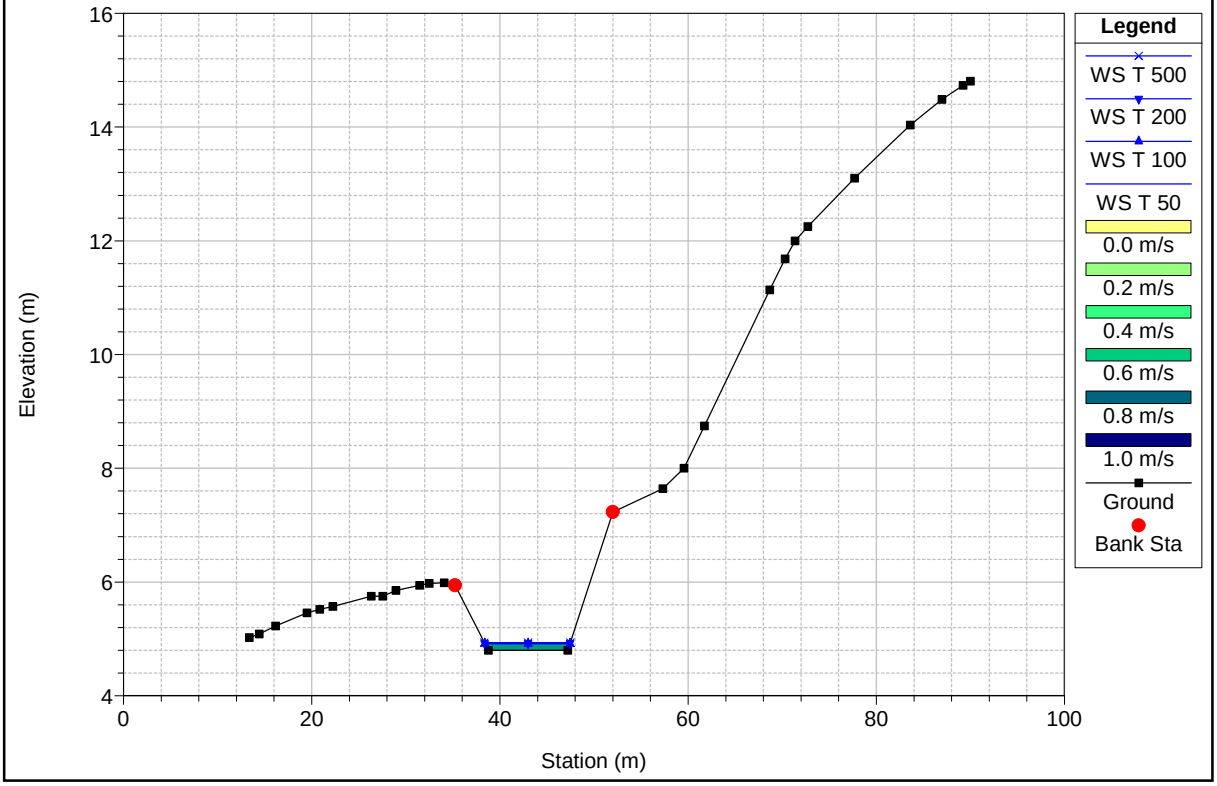
River = BACINOSTUB Reach = PRINC RS = 70



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

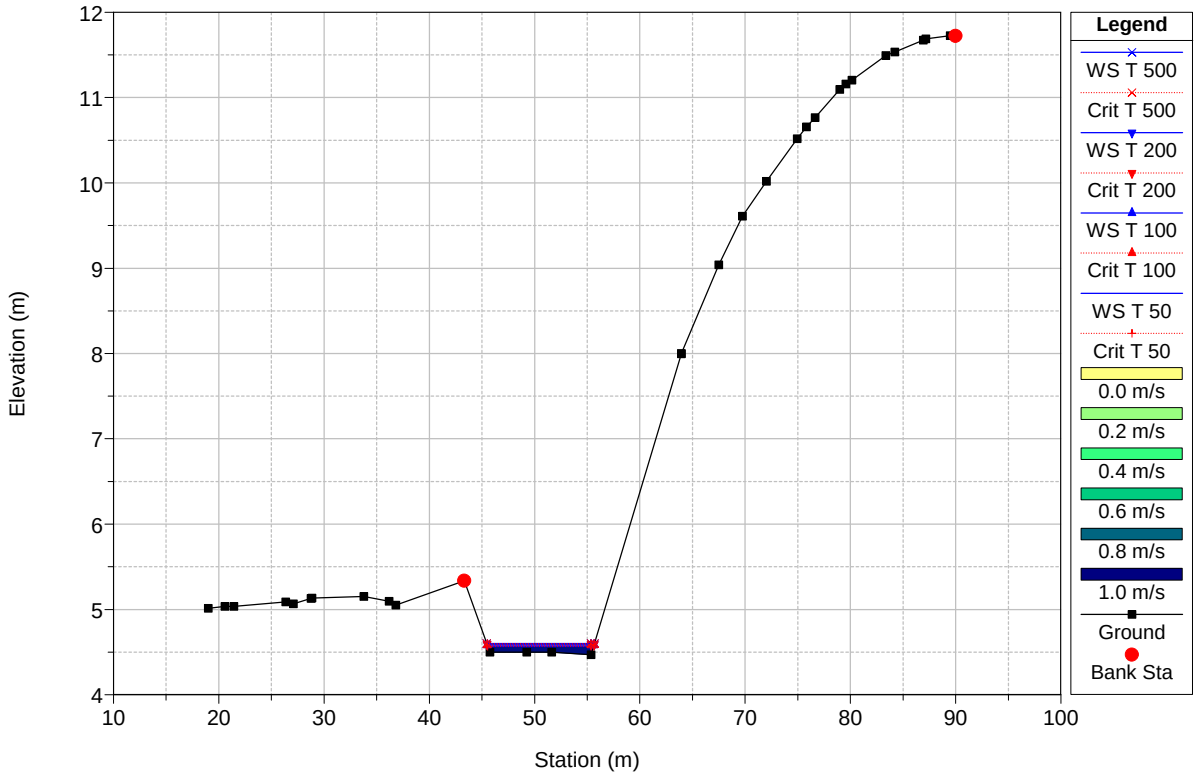
River = BACINOSTUB Reach = PRINC RS = 60



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

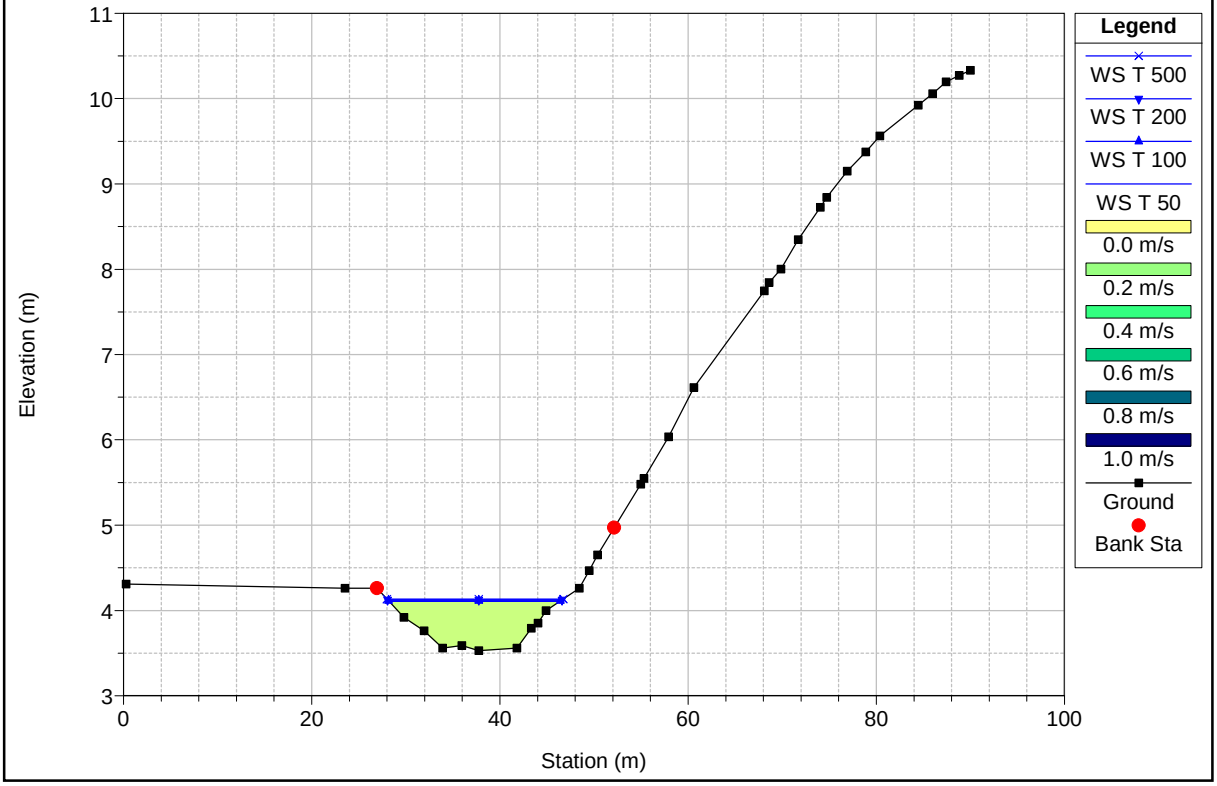
River = BACINOSTUB Reach = PRINC RS = 50



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

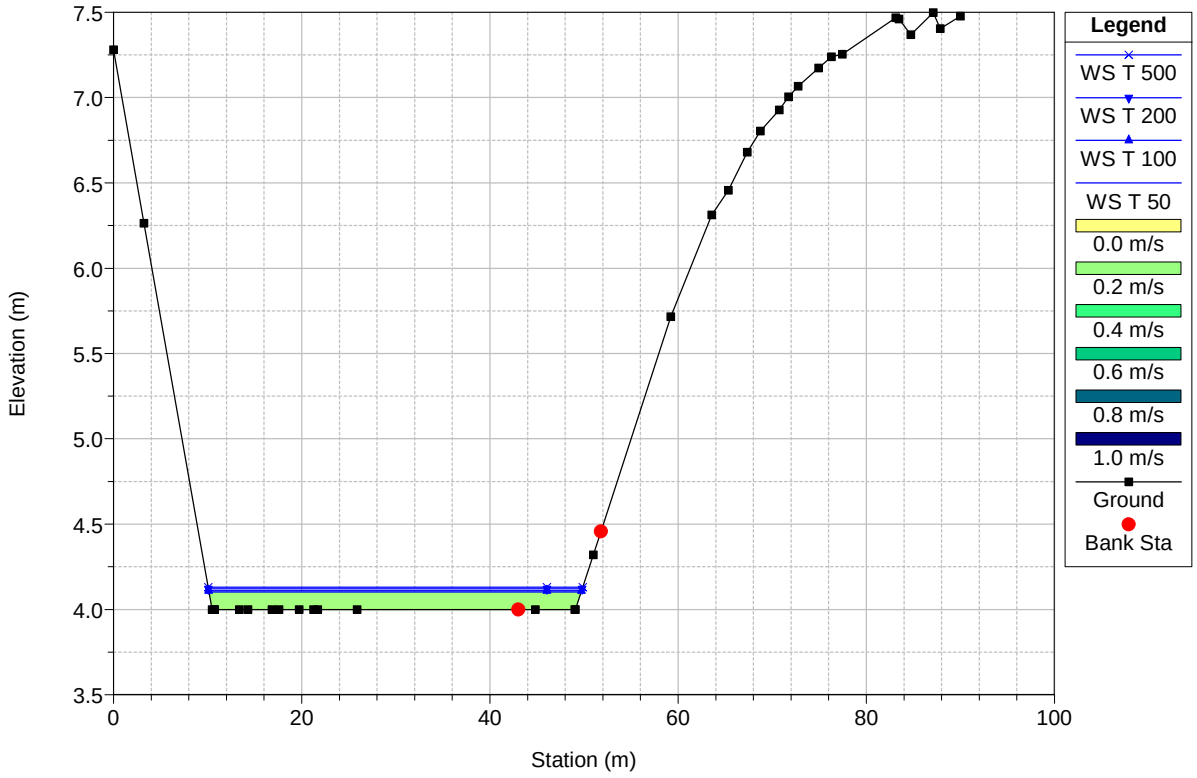
River = BACINOSTUB Reach = PRINC RS = 40



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

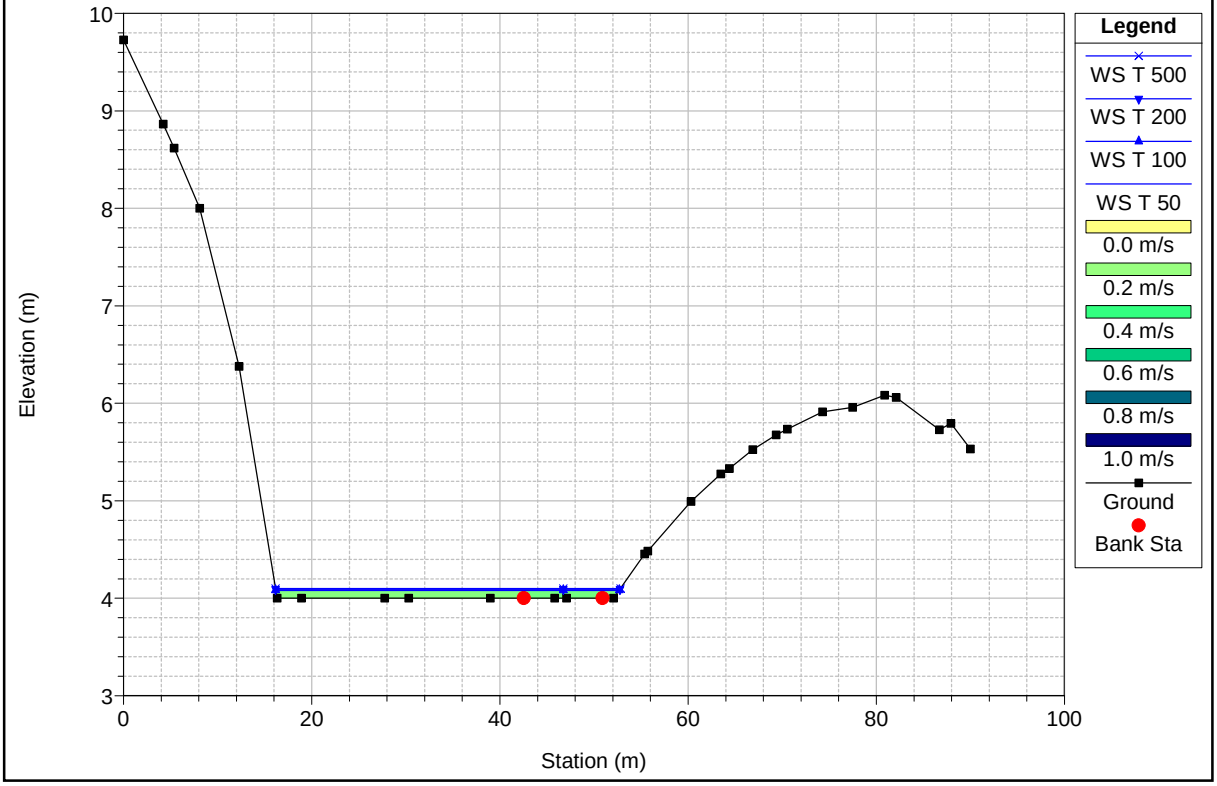
River = BACINOSTUB Reach = PRINC RS = 30



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

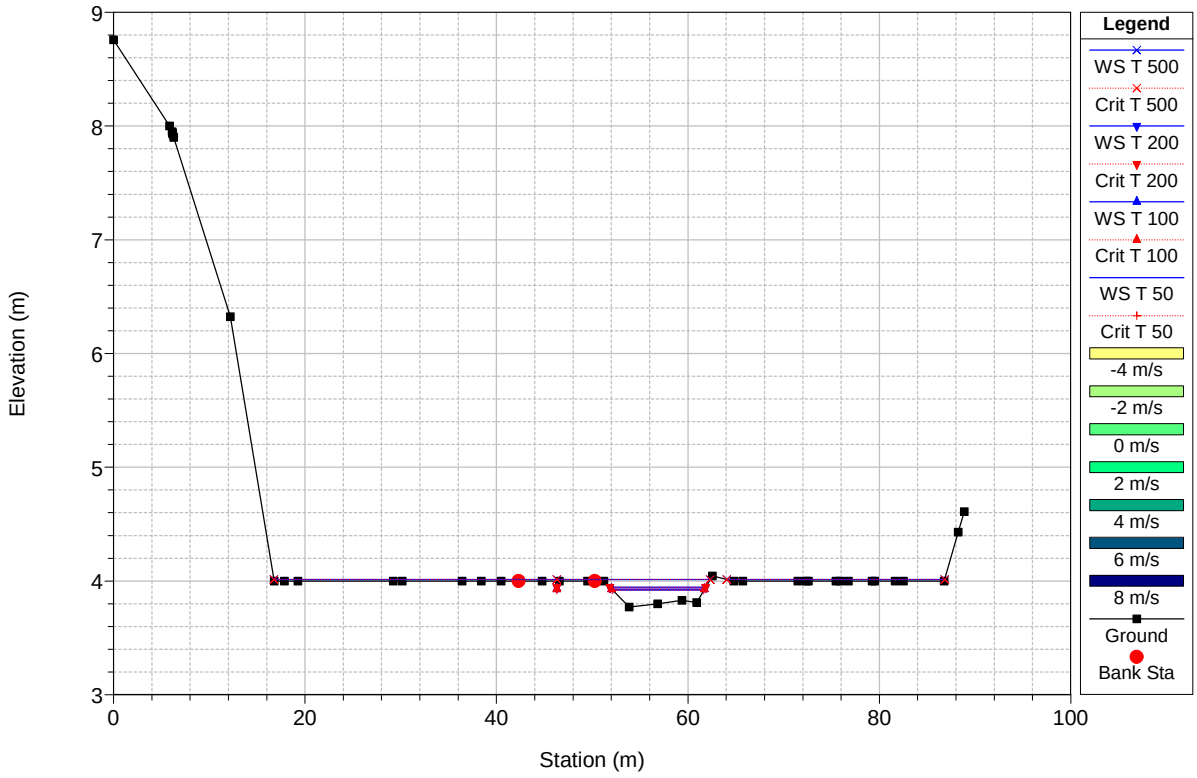
River = BACINOSTUB Reach = PRINC RS = 20



MOD_STU_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

River = BACINOSTUB Reach = PRINC RS = 10



HEC-RAS Plan: Plan 01 River: BACINOSTUB Reach: PRINC

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)	
PRINC	390	T 50	0.07	33.64	33.67	33.67	33.68	0.047640	0.27	0.15	5.51	0.76
PRINC	390	T 100	0.09	33.64	33.67	33.67	33.69	0.047223	0.30	0.18	5.98	0.77
PRINC	390	T 200	0.11	33.64	33.67	33.67	33.69	0.054639	0.35	0.19	6.27	0.84
PRINC	390	T 500	0.14	33.64	33.70	33.70	33.71	0.013478	0.25	0.40	9.00	0.46
PRINC	380	T 50	0.07	32.00	32.03	32.03	32.05	0.080171	0.57	0.13	4.62	1.10
PRINC	380	T 100	0.09	32.00	32.04	32.04	32.05	0.061721	0.57	0.16	4.69	1.00
PRINC	380	T 200	0.11	32.00	32.04	32.04	32.06	0.063073	0.62	0.18	4.74	1.03
PRINC	380	T 500	0.14	32.00	32.06	32.06	32.07	0.030198	0.54	0.26	4.93	0.75
PRINC	370	T 50	0.07	29.94	30.01	30.01	30.04	0.067590	0.65	0.11	2.99	1.07
PRINC	370	T 100	0.09	29.94	30.02	30.02	30.05	0.084683	0.74	0.12	3.10	1.20
PRINC	370	T 200	0.11	29.94	30.05	30.05	30.06	0.019717	0.45	0.24	4.39	0.61
PRINC	370	T 500	0.14	29.94	30.05	30.05	30.07	0.031938	0.58	0.24	4.39	0.78
PRINC	360	T 50	0.07	27.31	27.42	27.42	27.44	0.040792	0.64	0.11	2.09	0.88
PRINC	360	T 100	0.09	27.31	27.42	27.42	27.45	0.061813	0.79	0.11	2.09	1.08
PRINC	360	T 200	0.11	27.31	27.43	27.43	27.46	0.050766	0.77	0.14	2.34	1.00
PRINC	360	T 500	0.14	27.31	27.44	27.44	27.48	0.053934	0.84	0.17	2.53	1.04
PRINC	350	T 50	0.15	24.00	24.08		24.08	0.002154	0.19	0.78	9.70	0.22
PRINC	350	T 100	0.18	24.00	24.09		24.09	0.002320	0.21	0.85	9.74	0.23
PRINC	350	T 200	0.22	24.00	24.10		24.10	0.002426	0.23	0.95	9.79	0.24
PRINC	350	T 500	0.27	24.00	24.11		24.11	0.002764	0.26	1.04	9.83	0.26
PRINC	340	T 50	0.15	24.00	24.07		24.07	0.000855	0.11	1.37	19.90	0.13
PRINC	340	T 100	0.18	24.00	24.08		24.08	0.000902	0.12	1.51	19.94	0.14
PRINC	340	T 200	0.22	24.00	24.09		24.09	0.000887	0.13	1.71	20.00	0.14
PRINC	340	T 500	0.27	24.00	24.09		24.09	0.001037	0.15	1.85	20.04	0.15
PRINC	330	T 50	0.15	24.00	24.06		24.06	0.001193	0.12	1.30	22.30	0.15
PRINC	330	T 100	0.18	24.00	24.07		24.07	0.001211	0.13	1.44	22.34	0.16
PRINC	330	T 200	0.22	24.00	24.08		24.08	0.001066	0.13	1.70	22.41	0.15
PRINC	330	T 500	0.27	24.00	24.08		24.08	0.001316	0.15	1.80	22.43	0.17
PRINC	320	T 50	0.15	24.00	24.01	24.01	24.02	0.102848	0.43	0.35	24.29	1.12
PRINC	320	T 100	0.18	24.00	24.01	24.01	24.03	0.148101	0.51	0.35	24.29	1.35
PRINC	320	T 200	0.22	24.00	24.01	24.01	24.03	0.221238	0.62	0.35	24.29	1.65
PRINC	320	T 500	0.27	24.00	24.02	24.02	24.04	0.089179	0.52	0.53	24.33	1.12
PRINC	300	T 50	0.22	20.00	20.12		20.12	0.003231	0.29	0.77	7.32	0.28
PRINC	300	T 100	0.27	20.00	20.13		20.13	0.003629	0.33	0.84	7.43	0.30
PRINC	300	T 200	0.33	20.00	20.14		20.14	0.003843	0.36	0.94	7.58	0.31
PRINC	300	T 500	0.41	20.00	20.15		20.16	0.004330	0.40	1.04	7.73	0.34
PRINC	290	T 50	0.22	20.00	20.09		20.10	0.001586	0.18	1.23	13.42	0.19
PRINC	290	T 100	0.27	20.00	20.10		20.10	0.001844	0.20	1.33	13.47	0.21
PRINC	290	T 200	0.33	20.00	20.11		20.12	0.001842	0.22	1.50	13.55	0.21
PRINC	290	T 500	0.41	20.00	20.12		20.13	0.002144	0.25	1.64	13.61	0.23
PRINC	280	T 50	0.22	20.00	20.08		20.08	0.001438	0.15	1.44	18.67	0.18
PRINC	280	T 100	0.27	20.00	20.08		20.08	0.001846	0.18	1.51	18.70	0.20
PRINC	280	T 200	0.33	20.00	20.10		20.10	0.001580	0.18	1.79	18.80	0.19
PRINC	280	T 500	0.41	20.00	20.10		20.11	0.001966	0.22	1.91	18.85	0.21
PRINC	270	T 50	0.22	20.00	20.02	20.02	20.03	0.068559	0.43	0.51	25.24	0.97
PRINC	270	T 100	0.27	20.00	20.02	20.02	20.03	0.103264	0.53	0.51	25.24	1.19
PRINC	270	T 200	0.33	20.00	20.02	20.02	20.04	0.154258	0.65	0.51	25.24	1.45
PRINC	270	T 500	0.41	20.00	20.02	20.02	20.05	0.149159	0.70	0.59	25.26	1.46
PRINC	260	T 50	0.22	18.44	18.56	18.56	18.59	0.062290	0.81	0.27	4.85	1.09
PRINC	260	T 100	0.27	18.44	18.58	18.58	18.60	0.037707	0.71	0.38	5.75	0.88
PRINC	260	T 200	0.33	18.44	18.58	18.58	18.62	0.058998	0.88	0.38	5.70	1.09
PRINC	260	T 500	0.41	18.44	18.60	18.60	18.63	0.035741	0.77	0.53	6.79	0.88
PRINC	250	T 50	0.29	16.83	16.95	16.95	16.99	0.060793	0.88	0.33	5.12	1.11
PRINC	250	T 100	0.36	16.83	16.97	16.97	17.01	0.048832	0.86	0.42	5.76	1.01
PRINC	250	T 200	0.44	16.83	16.99	16.99	17.02	0.035117	0.80	0.55	6.58	0.88
PRINC	250	T 500	0.54	16.83	16.99	16.99	17.04	0.045128	0.92	0.59	6.78	1.00
PRINC	240	T 50	0.29	16.00	16.13		16.13	0.001073	0.19	1.58	12.41	0.16
PRINC	240	T 100	0.36	16.00	16.14		16.15	0.001177	0.21	1.75	12.49	0.18
PRINC	240	T 200	0.44	16.00	16.16		16.16	0.001224	0.23	1.96	12.57	0.18
PRINC	240	T 500	0.54	16.00	16.18		16.18	0.001356	0.25	2.15	12.65	0.19
PRINC	230	T 50	0.29	16.00	16.12		16.12	0.000856	0.16	1.84	15.36	0.15
PRINC	230	T 100	0.36	16.00	16.13		16.14	0.000936	0.18	2.04	15.42	0.16
PRINC	230	T 200	0.44	16.00	16.15		16.15	0.000954	0.19	2.29	15.49	0.16
PRINC	230	T 500	0.54	16.00	16.17		16.17	0.001059	0.22	2.51	15.55	0.17
PRINC	220	T 50	0.29	16.00	16.11		16.11	0.001170	0.18	1.66	15.07	0.17
PRINC	220	T 100	0.36	16.00	16.12		16.13	0.001278	0.20	1.84	15.12	0.18
PRINC	220	T 200	0.44	16.00	16.14		16.14	0.001272	0.21	2.09	15.18	0.18

HEC-RAS Plan: Plan 01 River: BACINOSTUB Reach: PRINC (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)	
PRINC	220	T 500	0.54	16.00	16.15		16.16	0.001420	0.24	2.29	15.23	0.20
PRINC	210	T 50	0.29	16.00	16.10		16.10	0.001545	0.19	1.58	16.25	0.19
PRINC	210	T 100	0.36	16.00	16.11		16.11	0.001669	0.21	1.76	16.29	0.20
PRINC	210	T 200	0.44	16.00	16.13		16.13	0.001550	0.22	2.03	16.34	0.20
PRINC	210	T 500	0.54	16.00	16.14		16.14	0.001750	0.25	2.21	16.38	0.21
PRINC	200	T 50	0.35	16.00	16.03	16.03	16.05	0.071070	0.59	0.59	18.73	1.06
PRINC	200	T 100	0.45	16.00	16.04	16.04	16.06	0.040585	0.55	0.81	18.78	0.85
PRINC	200	T 200	0.55	16.00	16.04	16.04	16.07	0.074855	0.72	0.76	18.77	1.14
PRINC	200	T 500	0.68	16.00	16.05	16.05	16.08	0.053888	0.71	0.96	18.81	1.00
PRINC	190	T 50	0.35	13.99	14.12	14.12	14.16	0.071064	0.95	0.37	5.65	1.20
PRINC	190	T 100	0.45	13.99	14.14	14.14	14.18	0.057327	0.94	0.48	6.46	1.10
PRINC	190	T 200	0.55	13.99	14.16	14.16	14.20	0.035650	0.82	0.67	7.62	0.89
PRINC	190	T 500	0.68	13.99	14.16	14.16	14.21	0.051671	1.00	0.68	7.69	1.07
PRINC	180	T 50	0.35	12.00	12.14		12.15	0.002386	0.29	1.21	8.70	0.25
PRINC	180	T 100	0.45	12.00	12.16		12.17	0.002789	0.34	1.34	8.78	0.27
PRINC	180	T 200	0.55	12.00	12.18		12.18	0.003016	0.37	1.49	8.86	0.29
PRINC	180	T 500	0.68	12.00	12.19		12.20	0.003361	0.42	1.64	8.95	0.31
PRINC	170	T 50	0.35	12.00	12.13		12.13	0.001015	0.18	1.94	15.09	0.16
PRINC	170	T 100	0.45	12.00	12.15		12.15	0.001207	0.21	2.15	15.15	0.18
PRINC	170	T 200	0.55	12.00	12.16		12.16	0.001282	0.23	2.38	15.22	0.19
PRINC	170	T 500	0.68	12.00	12.18		12.18	0.001420	0.26	2.63	15.30	0.20
PRINC	160	T 50	0.35	12.00	12.12		12.12	0.000831	0.16	2.23	18.36	0.14
PRINC	160	T 100	0.45	12.00	12.13		12.14	0.001009	0.19	2.45	18.40	0.16
PRINC	160	T 200	0.55	12.00	12.15		12.15	0.001060	0.20	2.72	18.45	0.17
PRINC	160	T 500	0.68	12.00	12.16		12.17	0.001178	0.23	3.00	18.50	0.18
PRINC	150	T 50	0.44	12.00	12.11		12.11	0.001786	0.21	2.06	19.01	0.21
PRINC	150	T 100	0.54	12.00	12.12		12.12	0.002027	0.24	2.25	19.04	0.22
PRINC	150	T 200	0.66	12.00	12.13		12.14	0.002074	0.26	2.52	19.09	0.23
PRINC	150	T 500	0.82	12.00	12.15		12.15	0.002369	0.30	2.76	19.13	0.25
PRINC	140	T 50	0.44	12.00	12.03	12.03	12.06	0.114036	0.73	0.60	19.85	1.34
PRINC	140	T 100	0.54	12.00	12.04	12.04	12.06	0.062194	0.66	0.82	19.91	1.04
PRINC	140	T 200	0.66	12.00	12.05	12.05	12.07	0.054758	0.69	0.96	19.94	1.00
PRINC	140	T 500	0.82	12.00	12.05	12.05	12.08	0.060759	0.78	1.06	19.97	1.07
PRINC	130	T 50	0.44	10.34	10.48	10.48	10.53	0.046744	0.84	0.47	5.58	0.99
PRINC	130	T 100	0.54	10.34	10.50	10.50	10.55	0.038160	0.82	0.59	6.26	0.91
PRINC	130	T 200	0.66	10.34	10.52	10.52	10.57	0.039573	0.88	0.68	6.70	0.94
PRINC	130	T 500	0.82	10.34	10.54	10.54	10.59	0.036779	0.92	0.82	7.37	0.93
PRINC	120	T 50	0.44	8.00	8.16		8.17	0.005607	0.45	0.98	6.97	0.38
PRINC	120	T 100	0.54	8.00	8.17		8.18	0.006096	0.50	1.09	7.10	0.40
PRINC	120	T 200	0.66	8.00	8.19		8.20	0.006847	0.55	1.19	7.21	0.43
PRINC	120	T 500	0.82	8.00	8.20		8.22	0.007640	0.62	1.33	7.35	0.46
PRINC	110	T 50	0.44	8.00	8.13		8.13	0.001986	0.25	1.79	14.54	0.22
PRINC	110	T 100	0.54	8.00	8.14		8.15	0.002060	0.28	2.01	14.66	0.23
PRINC	110	T 200	0.66	8.00	8.15		8.16	0.002383	0.31	2.18	14.76	0.25
PRINC	110	T 500	0.82	8.00	8.17		8.18	0.002614	0.35	2.42	14.90	0.27
PRINC	100	T 50	0.51	8.00	8.11		8.11	0.002313	0.24	2.16	20.90	0.23
PRINC	100	T 100	0.63	8.00	8.12		8.12	0.002249	0.26	2.49	21.05	0.24
PRINC	100	T 200	0.75	8.00	8.13		8.13	0.002558	0.29	2.66	21.13	0.26
PRINC	100	T 500	0.95	8.00	8.14		8.15	0.002975	0.33	2.94	21.26	0.28
PRINC	90	T 50	0.51	8.00	8.03	8.03	8.04	0.087034	0.58	0.89	33.98	1.14
PRINC	90	T 100	0.63	8.00	8.03	8.03	8.05	0.062556	0.57	1.11	34.06	1.00
PRINC	90	T 200	0.75	8.00	8.04	8.04	8.06	0.061808	0.61	1.24	34.10	1.02
PRINC	90	T 500	0.95	8.00	8.04	8.04	8.07	0.073806	0.71	1.35	34.14	1.13
PRINC	80	T 50	0.51	7.19	7.25	7.25	7.28	0.060024	0.77	0.66	12.44	1.06
PRINC	80	T 100	0.63	7.19	7.26	7.26	7.29	0.049657	0.79	0.80	12.49	1.00
PRINC	80	T 200	0.75	7.19	7.27	7.27	7.30	0.052147	0.86	0.87	12.53	1.04
PRINC	80	T 500	0.95	7.19	7.27	7.27	7.32	0.065196	1.01	0.94	12.55	1.17
PRINC	70	T 50	0.51	6.01	6.08	6.08	6.10	0.042415	0.60	0.85	17.87	0.88
PRINC	70	T 100	0.63	6.01	6.08	6.08	6.11	0.061532	0.73	0.86	17.87	1.06
PRINC	70	T 200	0.75	6.01	6.09	6.09	6.12	0.051538	0.74	1.01	17.92	1.00
PRINC	70	T 500	0.95	6.01	6.10	6.10	6.13	0.054709	0.83	1.15	17.96	1.05
PRINC	60	T 50	0.71	4.80	4.92		4.94	0.018653	0.70	1.01	9.04	0.67
PRINC	60	T 100	0.81	4.80	4.92		4.95	0.024057	0.80	1.01	9.04	0.76
PRINC	60	T 200	0.93	4.80	4.92		4.96	0.025344	0.86	1.09	9.08	0.79
PRINC	60	T 500	1.09	4.80	4.94		4.98	0.025636	0.91	1.19	9.14	0.81
PRINC	50	T 50	0.71	4.47	4.57	4.57	4.62	0.064105	0.97	0.73	10.07	1.16

HEC-RAS Plan: Plan 01 River: BACINOSTUB Reach: PRINC (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)	
PRINC	50	T 100	0.81	4.47	4.58	4.58	4.63	0.048306	0.94	0.86	10.14	1.03
PRINC	50	T 200	0.93	4.47	4.59	4.59	4.64	0.043512	0.96	0.97	10.19	1.00
PRINC	50	T 500	1.09	4.47	4.60	4.60	4.65	0.044516	1.03	1.06	10.24	1.02
PRINC	40	T 50	0.71	3.53	4.11		4.11	0.000073	0.10	7.03	18.11	0.05
PRINC	40	T 100	0.81	3.53	4.11		4.11	0.000091	0.11	7.16	18.27	0.06
PRINC	40	T 200	0.93	3.53	4.13		4.13	0.000110	0.13	7.39	18.55	0.06
PRINC	40	T 500	1.09	3.53	4.13		4.14	0.000143	0.14	7.55	18.74	0.07
PRINC	30	T 50	0.71	4.00	4.10		4.10	0.001318	0.17	4.03	39.56	0.17
PRINC	30	T 100	0.81	4.00	4.11		4.11	0.001398	0.18	4.29	39.62	0.18
PRINC	30	T 200	0.93	4.00	4.12		4.12	0.001291	0.19	4.78	39.73	0.18
PRINC	30	T 500	1.09	4.00	4.13		4.13	0.001448	0.21	5.08	39.80	0.19
PRINC	20	T 50	0.71	4.00	4.08		4.08	0.004447	0.27	2.88	36.47	0.31
PRINC	20	T 100	0.81	4.00	4.08		4.09	0.004753	0.30	3.06	36.52	0.32
PRINC	20	T 200	0.93	4.00	4.09		4.10	0.004312	0.30	3.42	36.61	0.31
PRINC	20	T 500	1.09	4.00	4.10		4.11	0.004733	0.33	3.67	36.67	0.33
PRINC	10	T 50	0.71	3.75	3.92	3.92	3.98	0.040588	1.07	0.66	5.67	1.00
PRINC	10	T 100	0.81	3.75	3.93	3.93	3.99	0.041886	1.12	0.72	5.85	1.02
PRINC	10	T 200	0.93	3.75	3.94	3.94	4.01	0.038917	1.14	0.82	6.15	1.00
PRINC	10	T 500	1.09	3.75	4.01	4.01	4.04	0.013382	0.77	2.01	59.15	0.61

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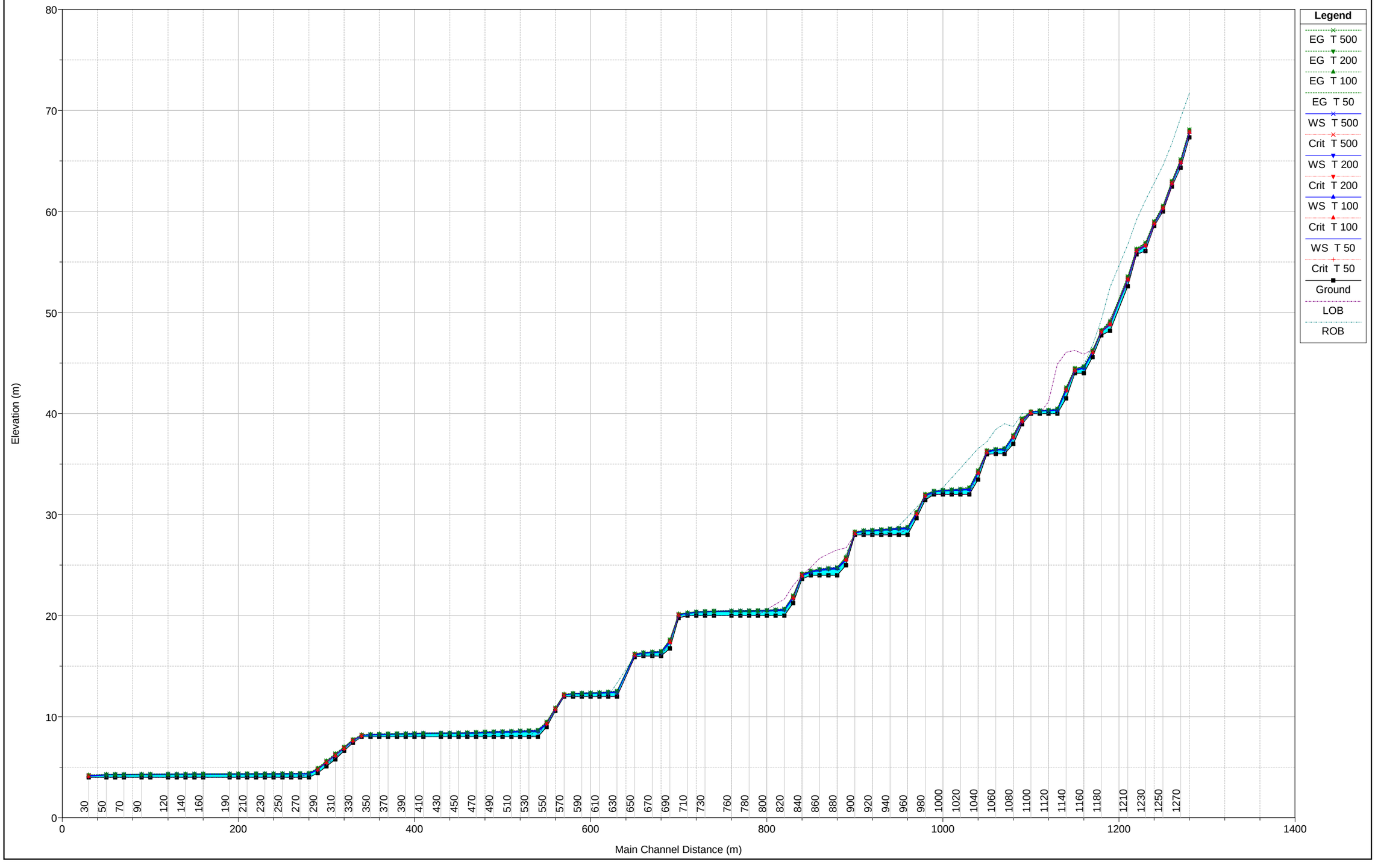
Baja Caddinas Idrologia Plan: Plan 01

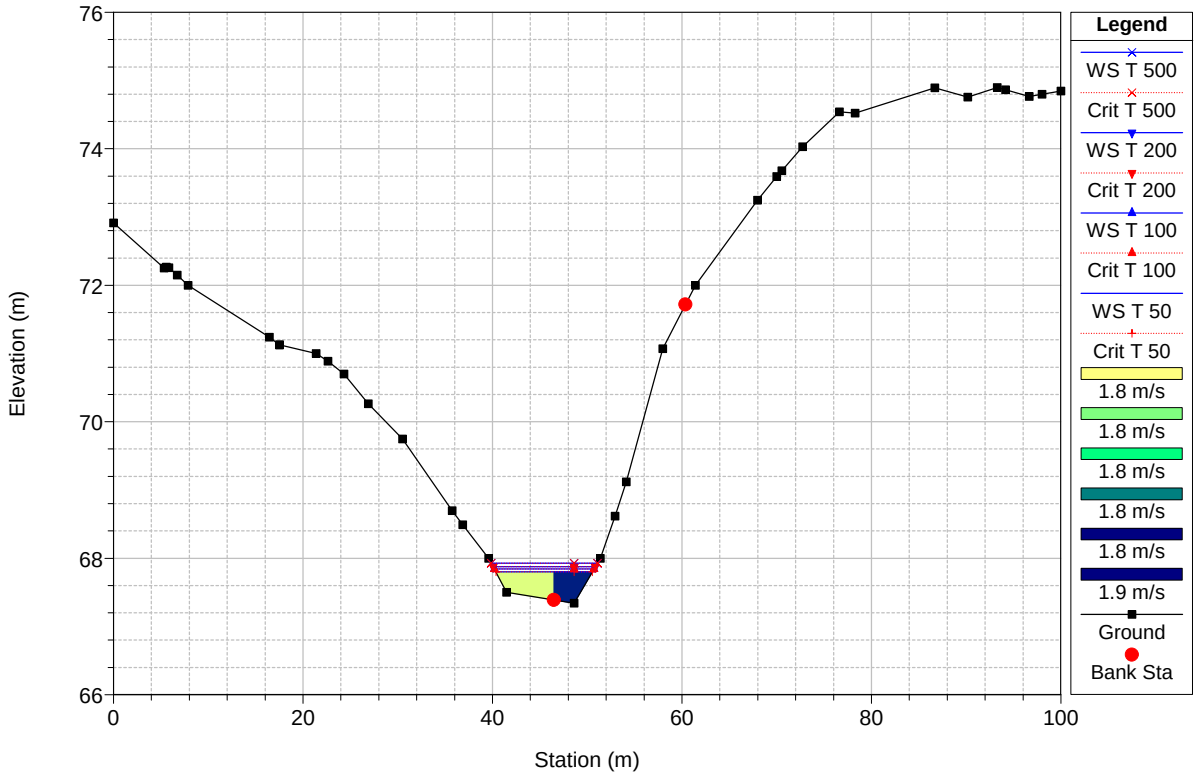
Geom: SI Flow: SI



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

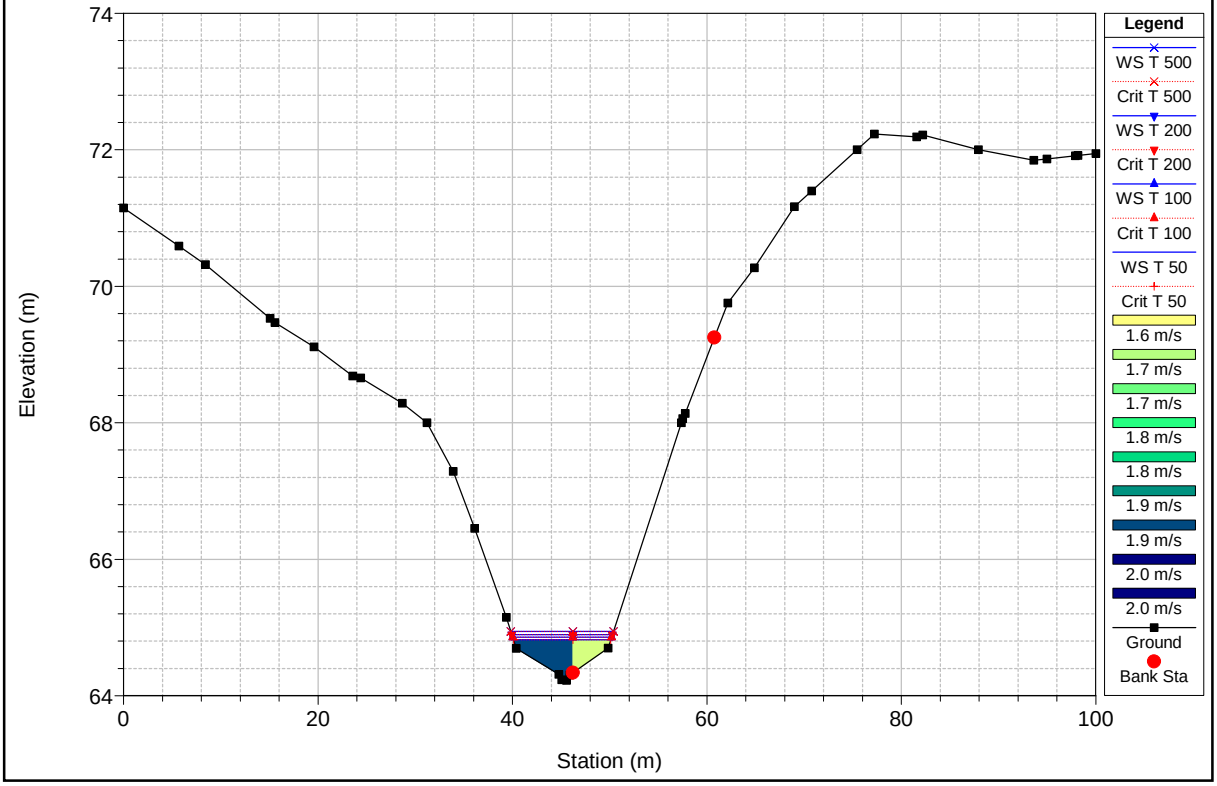
River = Baja Caddinas Reach = Rc sup RS = 1280



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

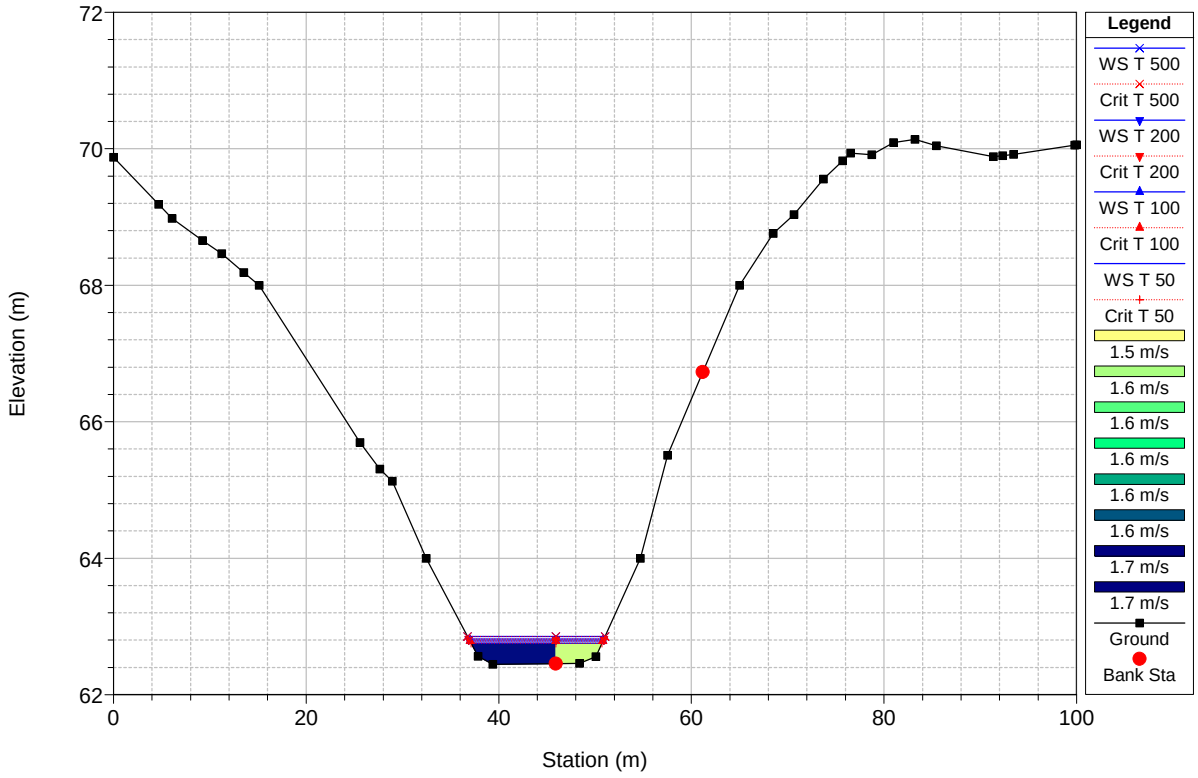
River = Baja Caddinas Reach = Rc sup RS = 1270



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

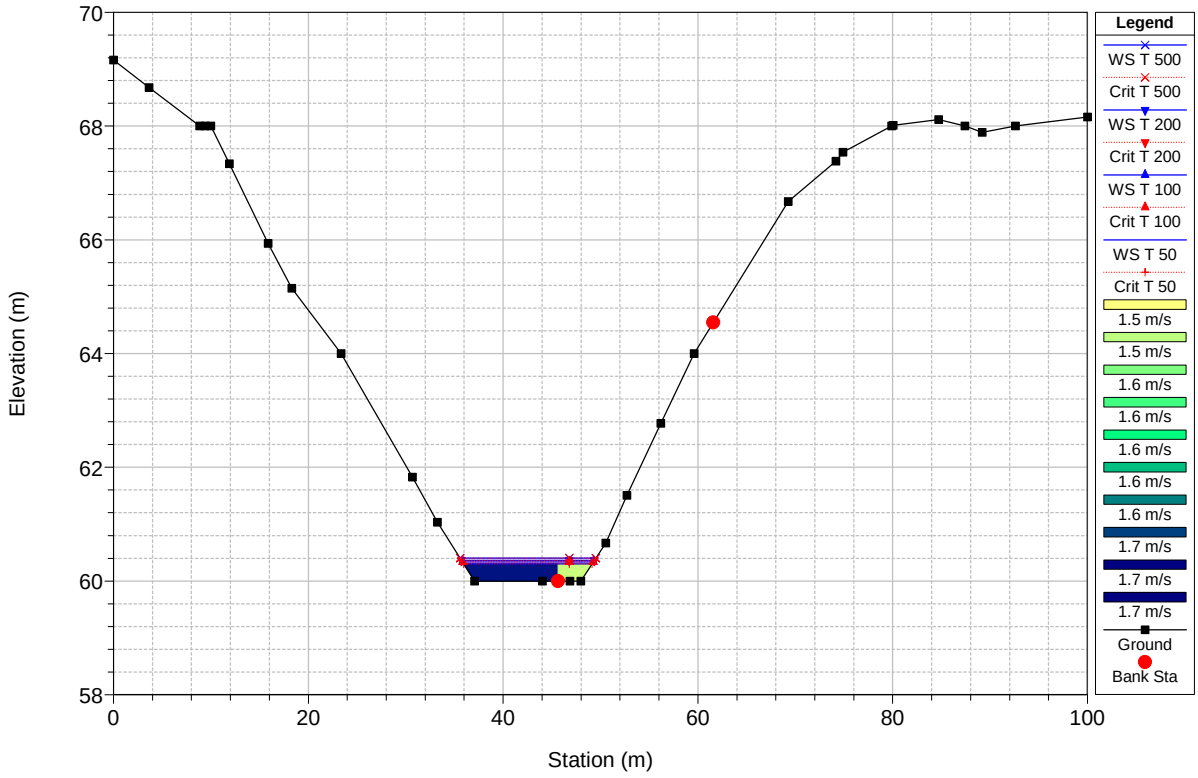
River = Baja Caddinas Reach = Rc sup RS = 1260



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

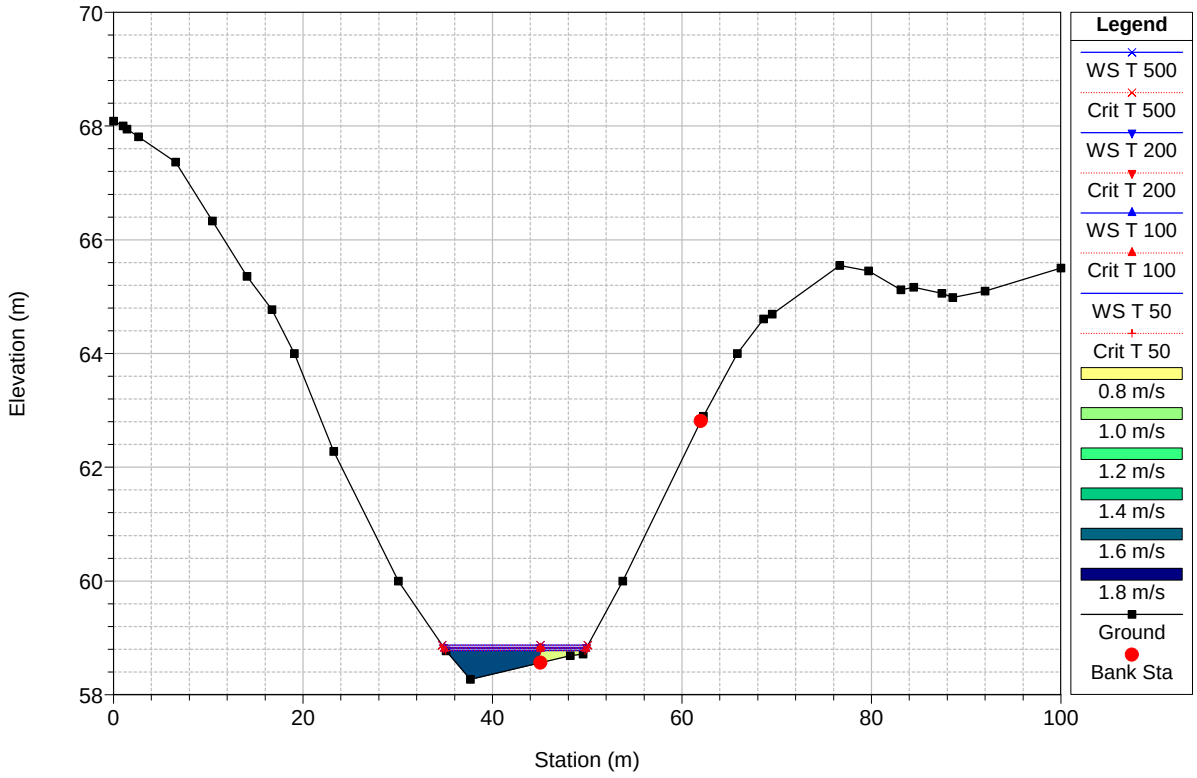
River = Baja Caddinas Reach = Rc sup RS = 1250



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

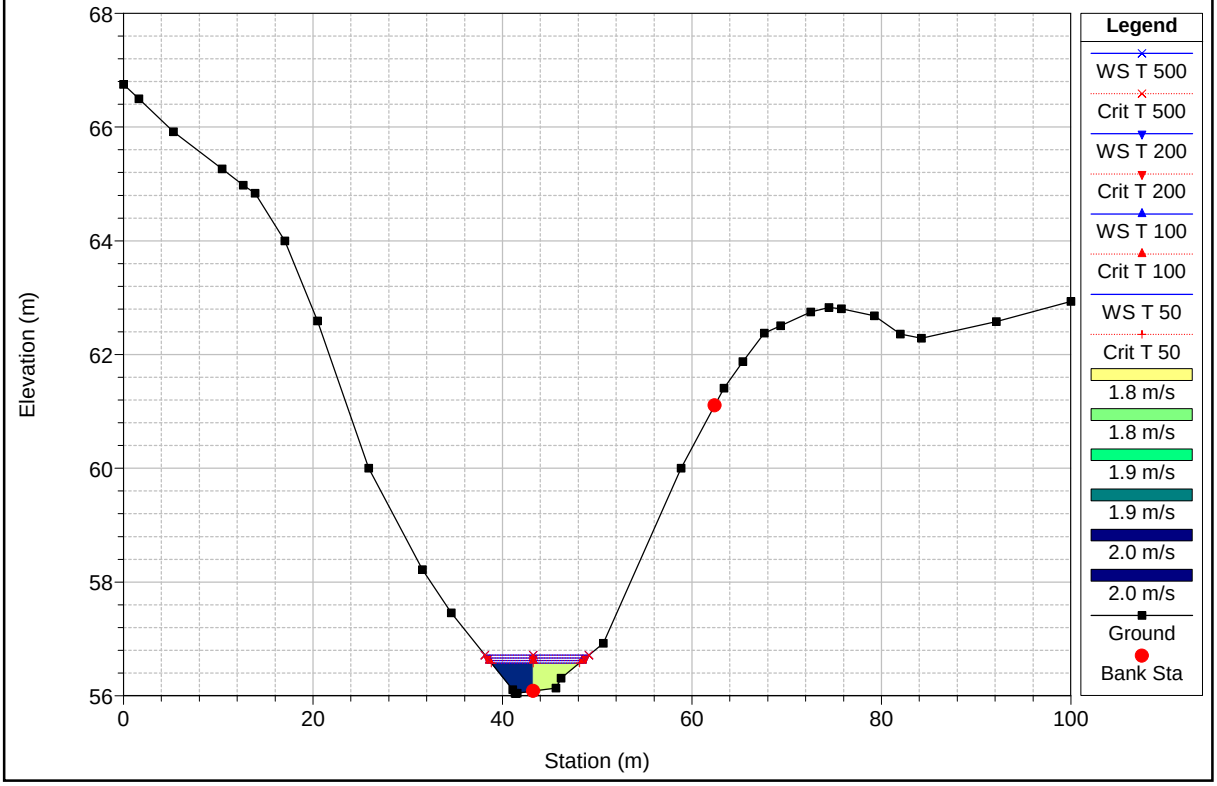
River = Baja Caddinas Reach = Rc sup RS = 1240



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

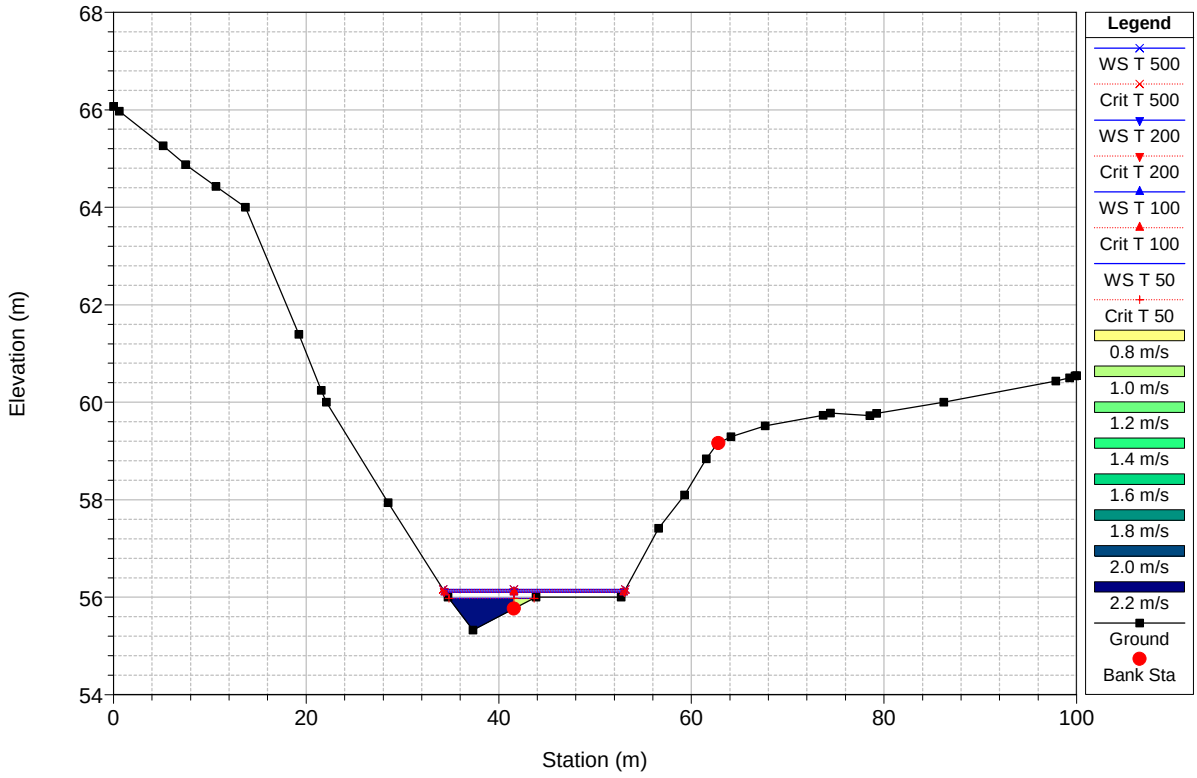
River = Baja Caddinas Reach = Rc sup RS = 1230



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

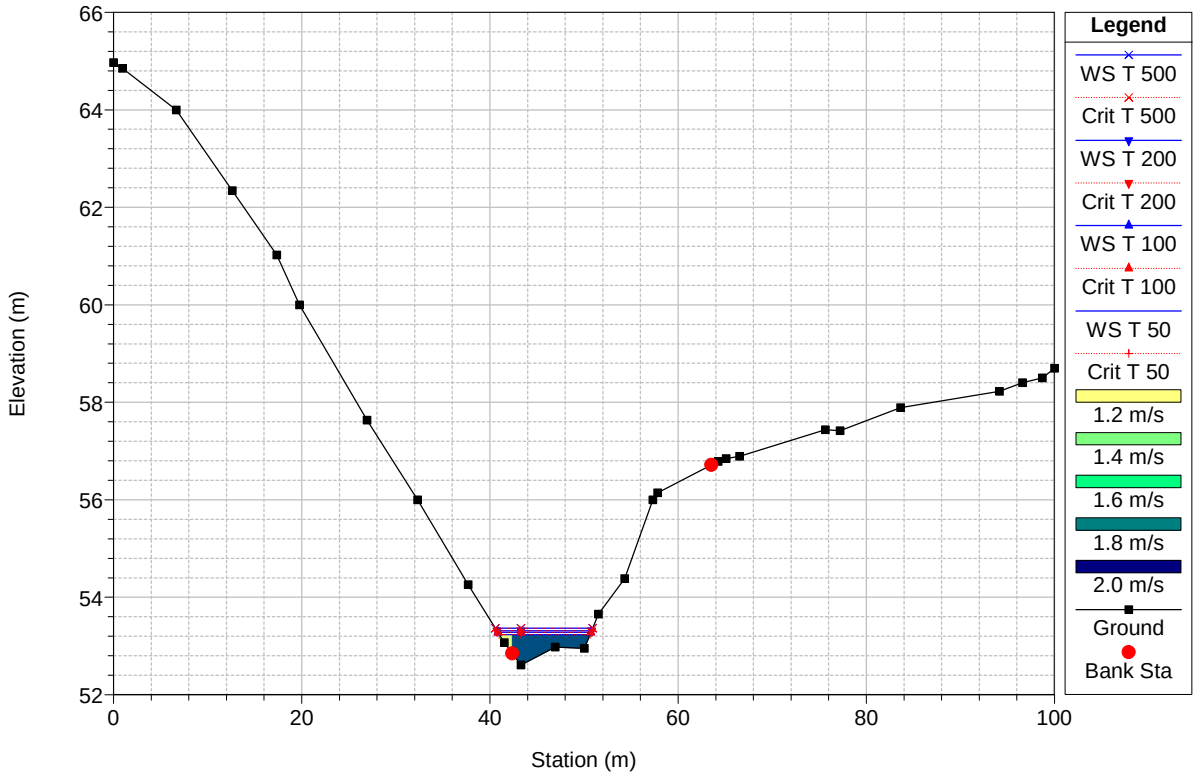
River = Baja Caddinas Reach = Rc sup RS = 1220



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

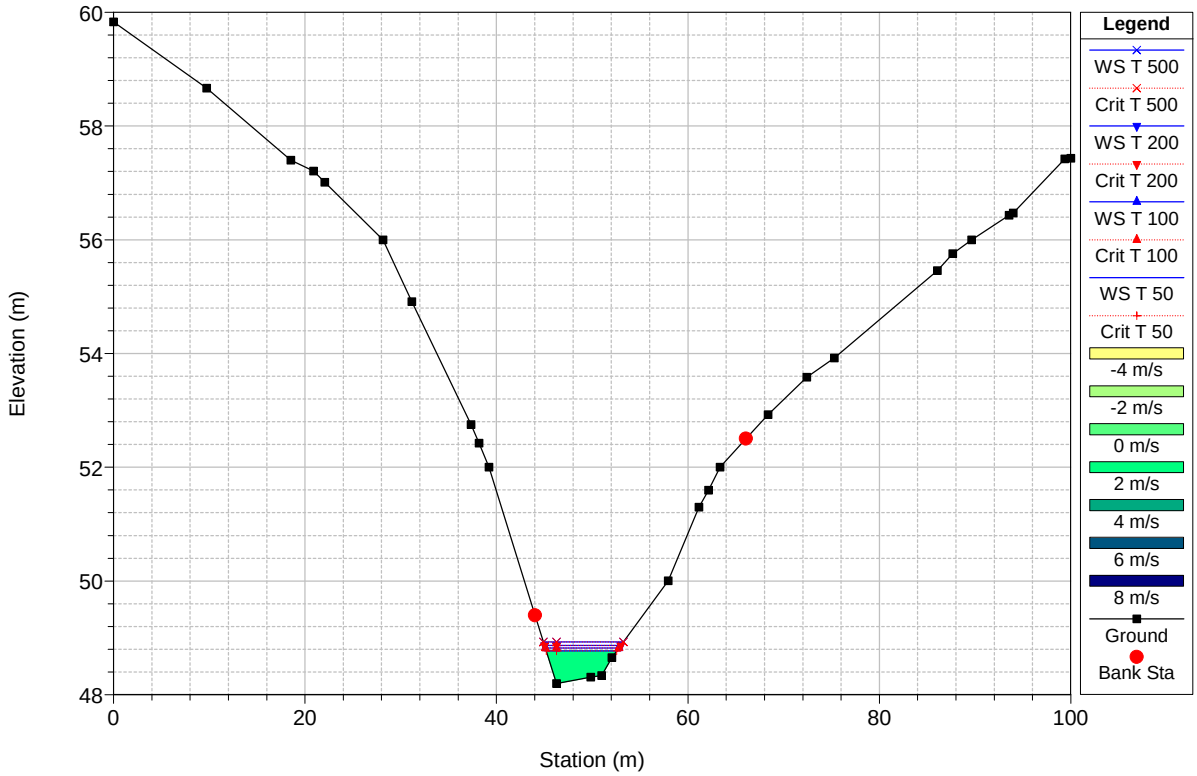
River = Baja Caddinas Reach = Rc sup RS = 1210



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

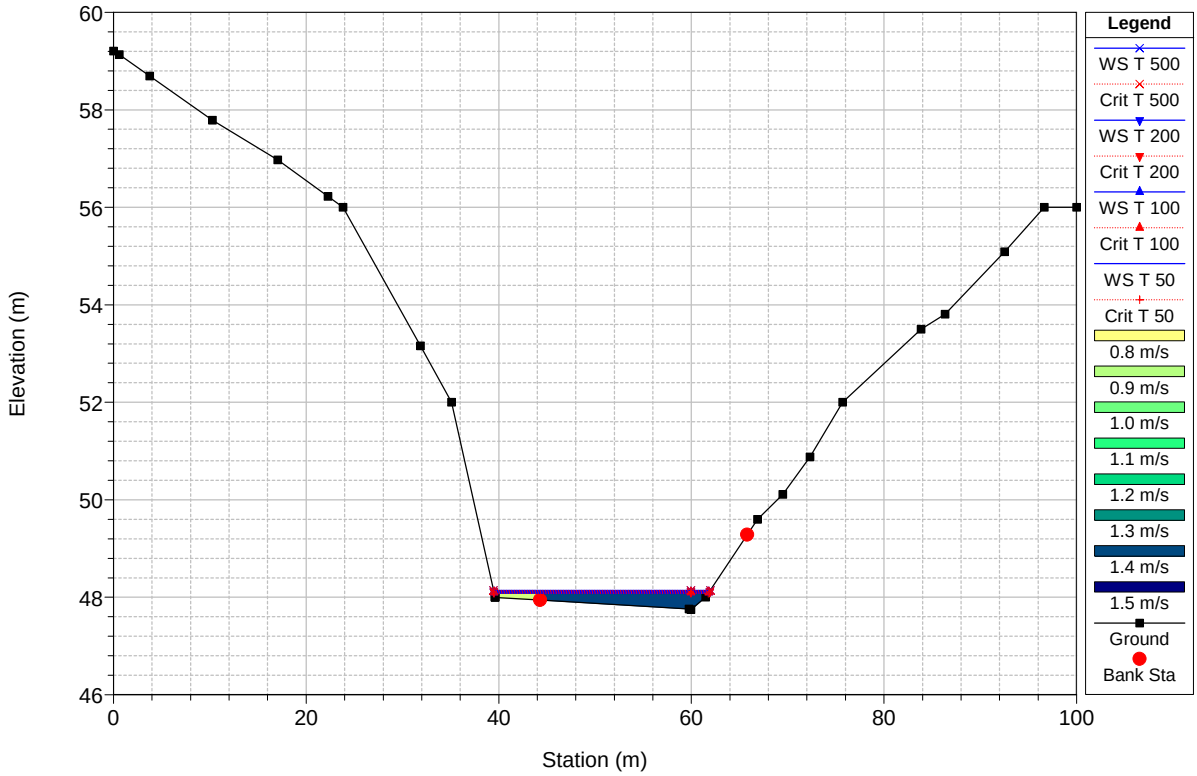
River = Baja Caddinas Reach = Rc sup RS = 1190



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

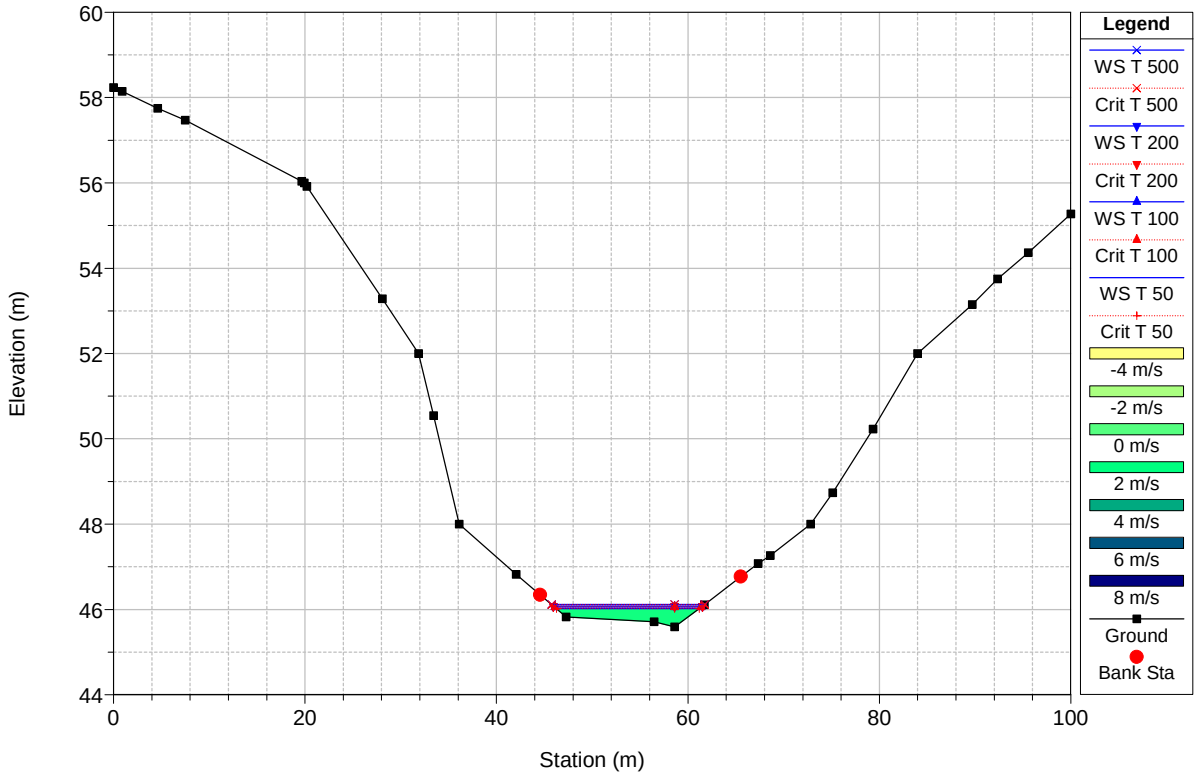
River = Baja Caddinas Reach = Rc sup RS = 1180



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

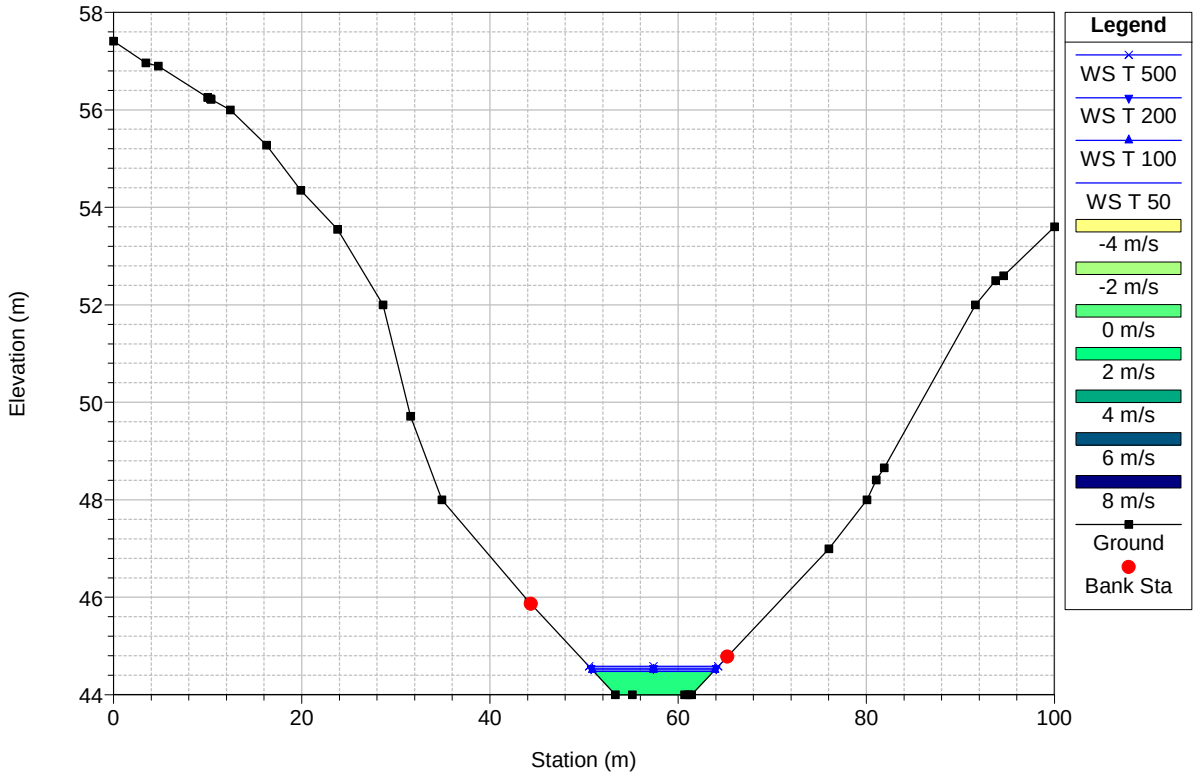
River = Baja Caddinas Reach = Rc sup RS = 1170



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

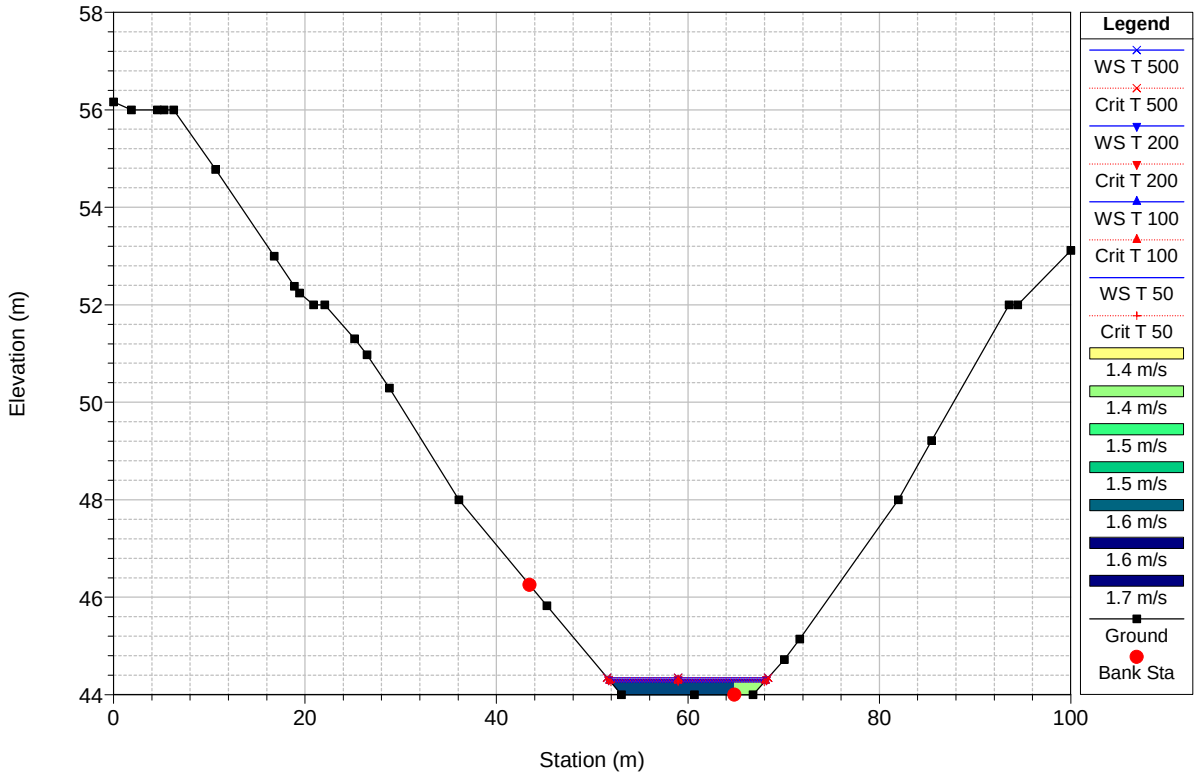
River = Baja Caddinas Reach = Rc sup RS = 1160



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

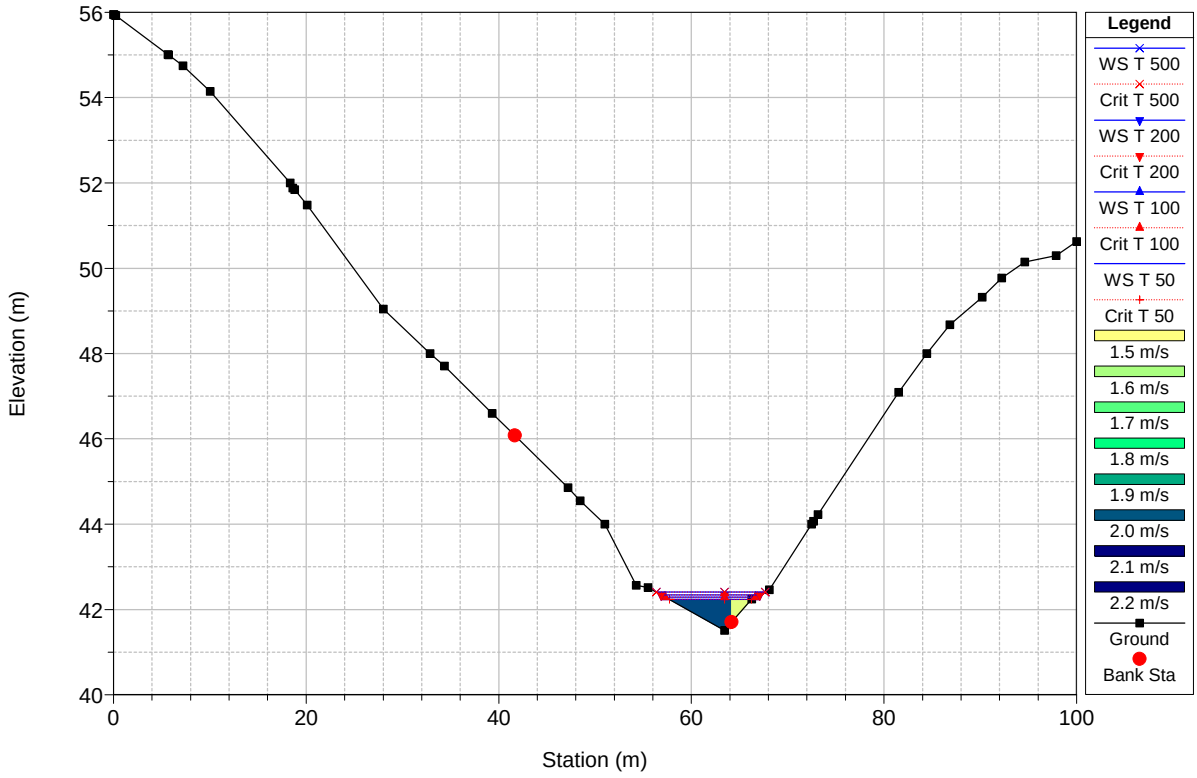
River = Baja Caddinas Reach = Rc sup RS = 1150



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

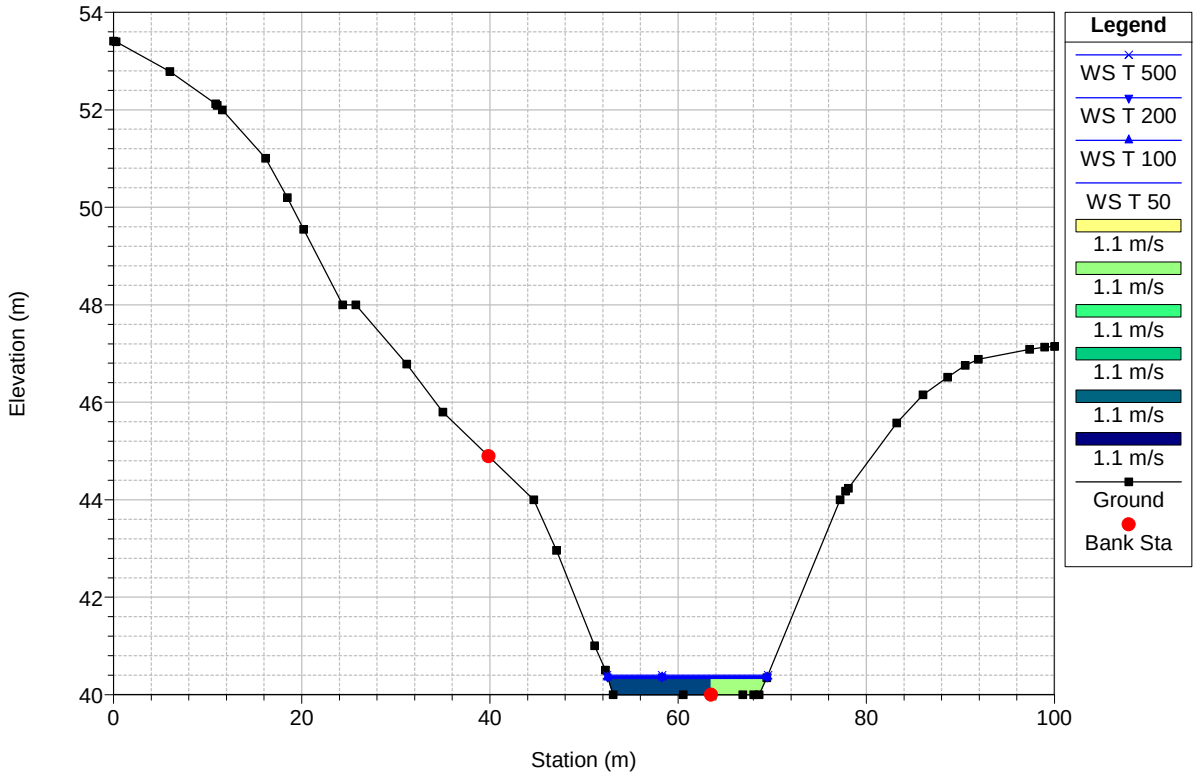
River = Baja Caddinas Reach = Rc sup RS = 1140



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

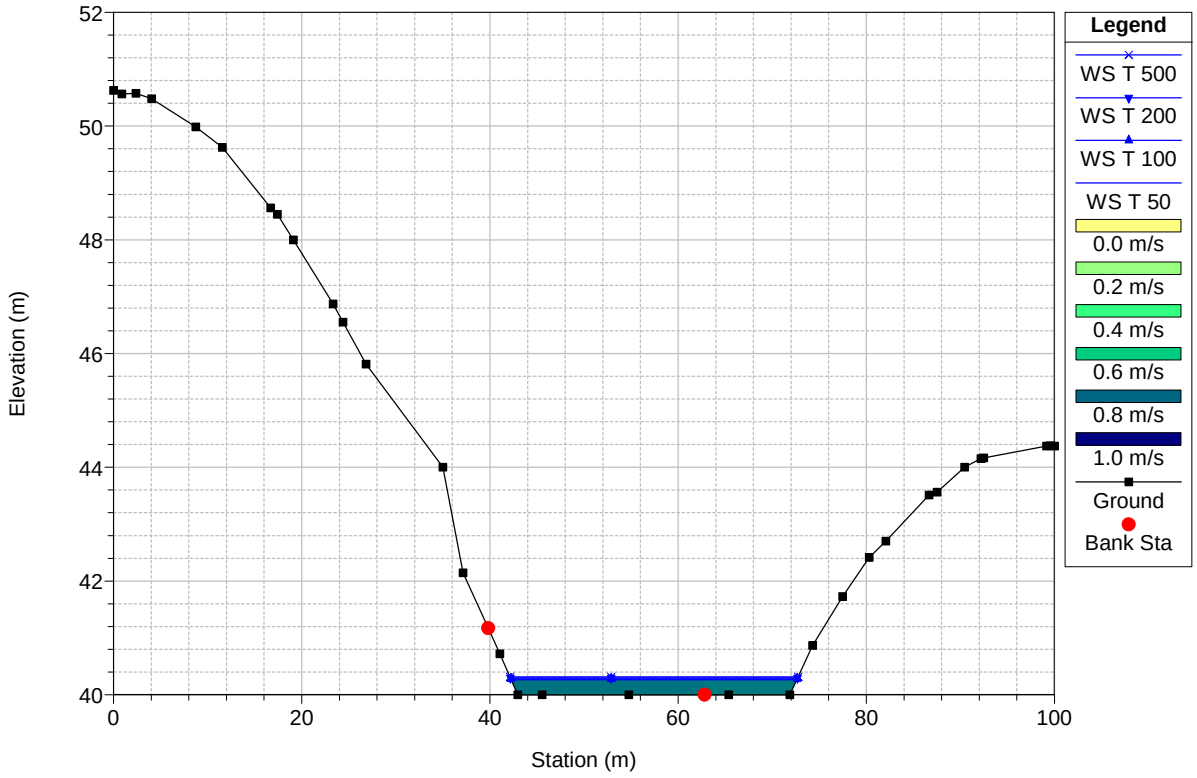
River = Baja Caddinas Reach = Rc sup RS = 1130



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

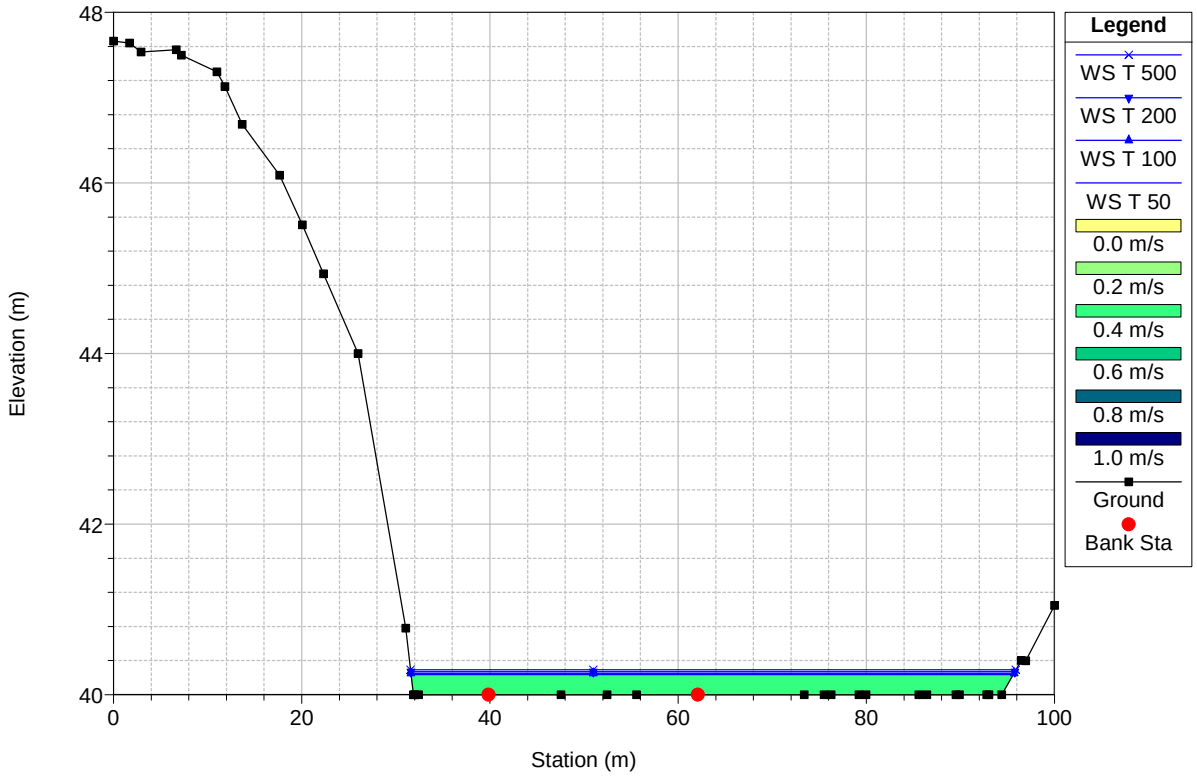
River = Baja Caddinas Reach = Rc sup RS = 1120



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

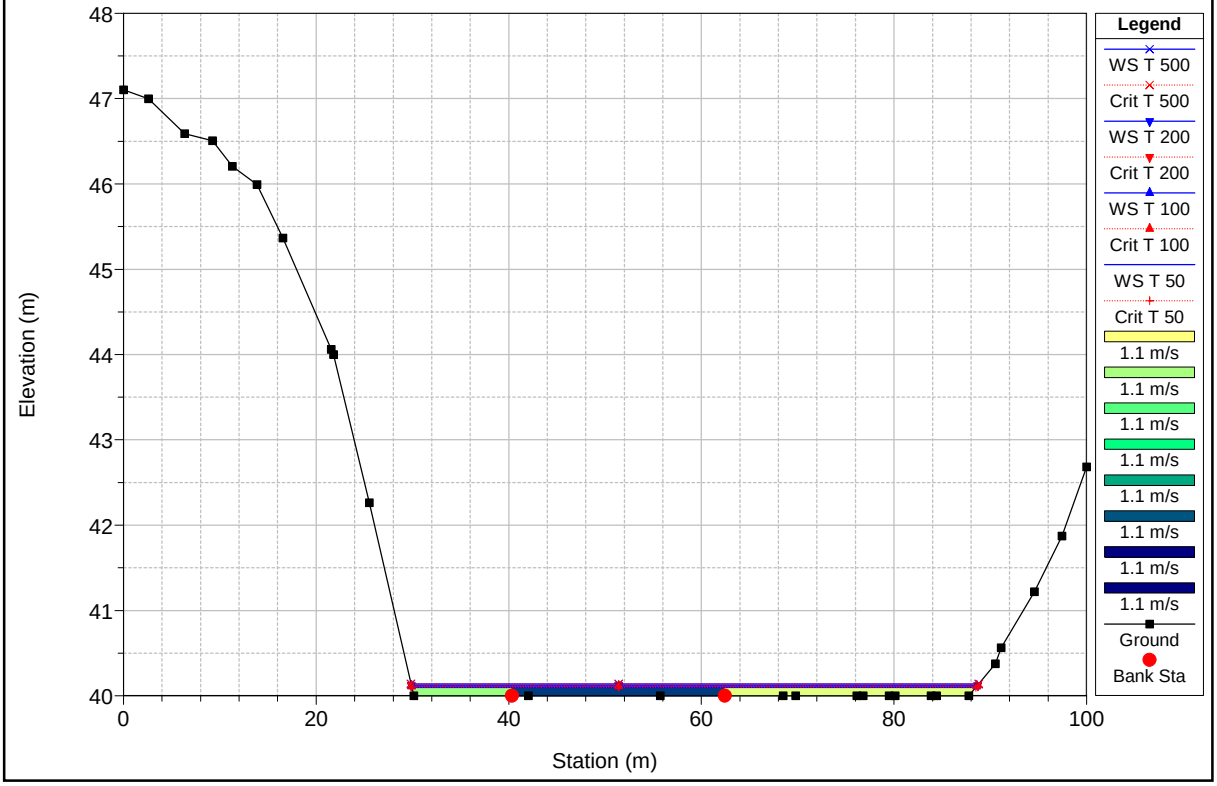
River = Baja Caddinas Reach = Rc sup RS = 1110



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

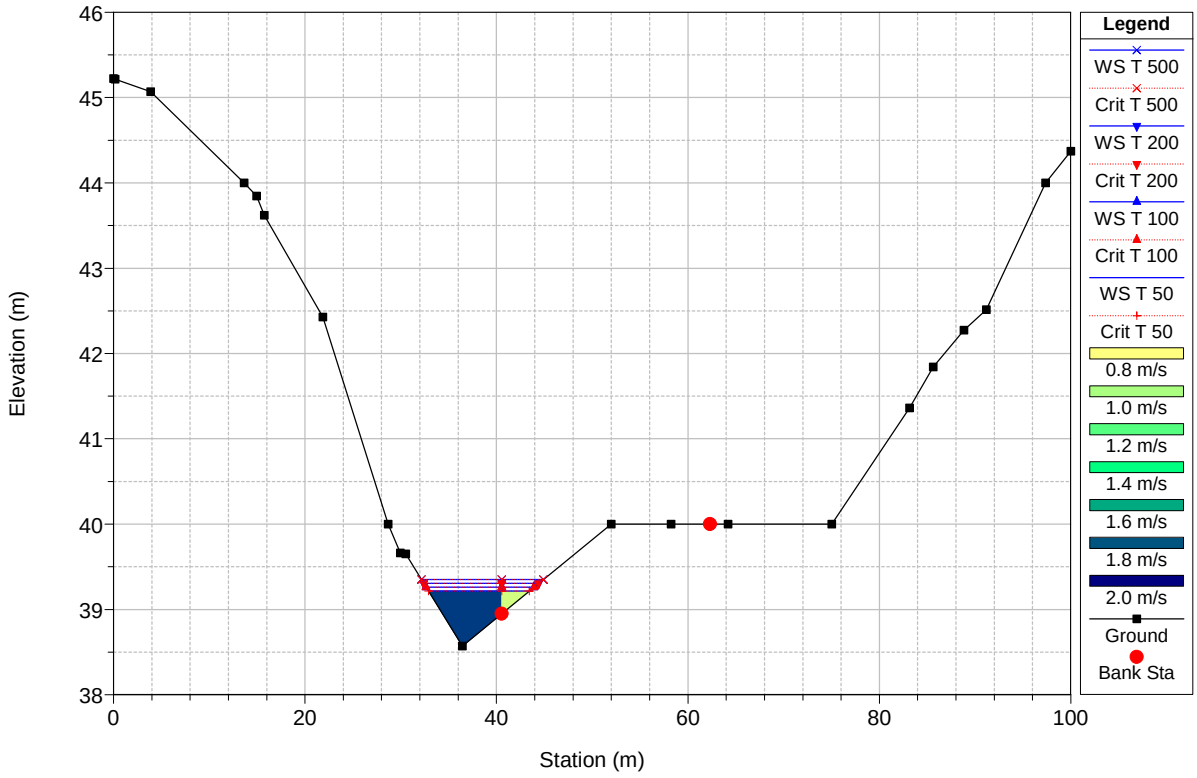
River = Baja Caddinas Reach = Rc sup RS = 1100



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

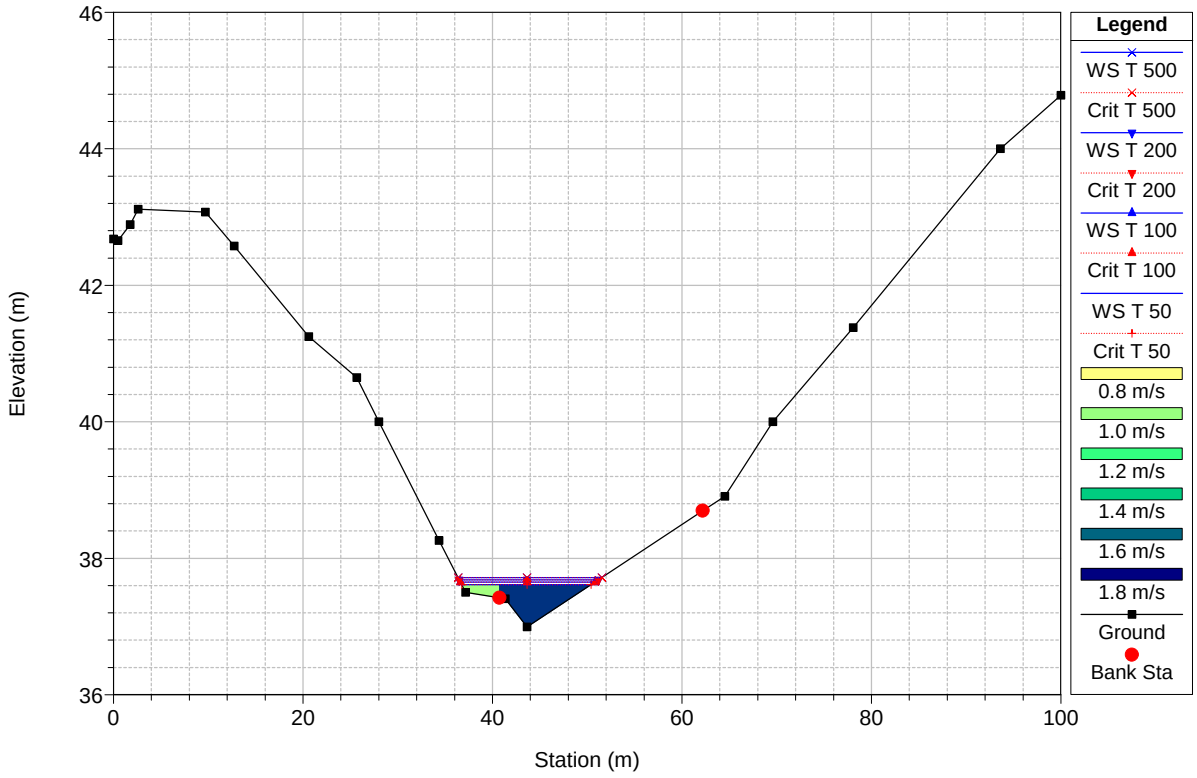
River = Baja Caddinas Reach = Rc sup RS = 1090



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

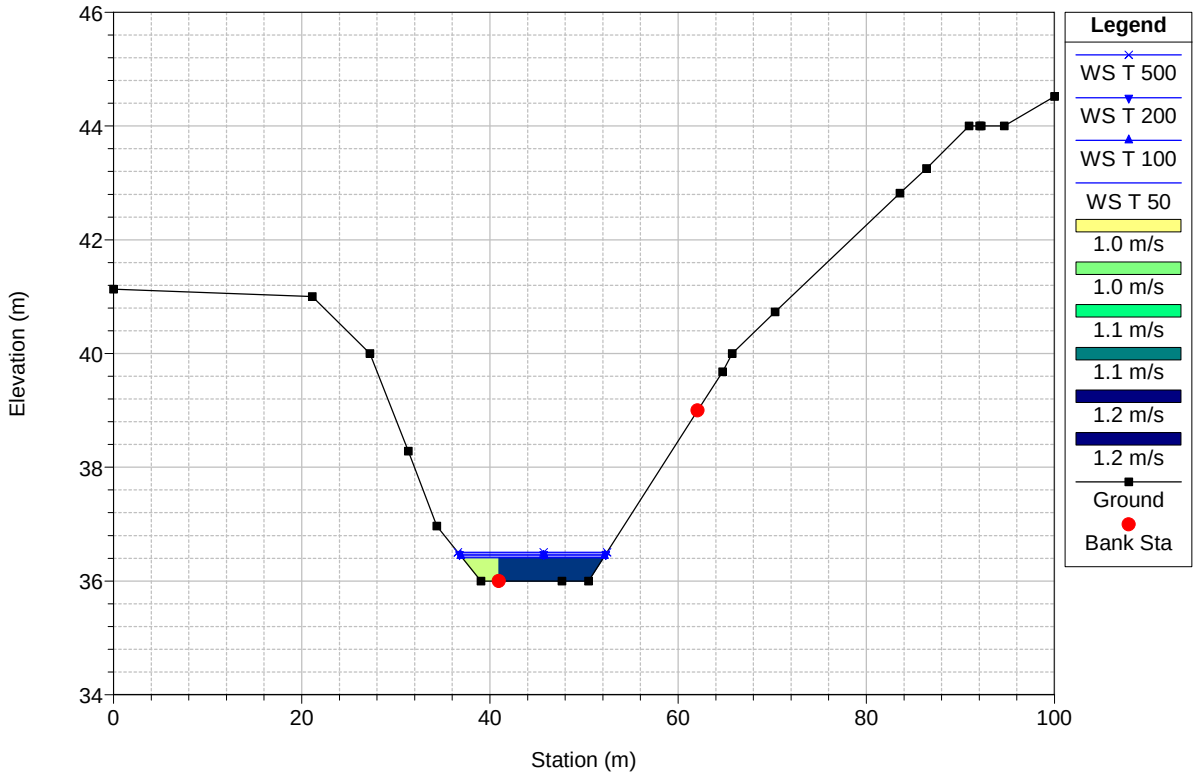
River = Baja Caddinas Reach = Rc sup RS = 1080



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

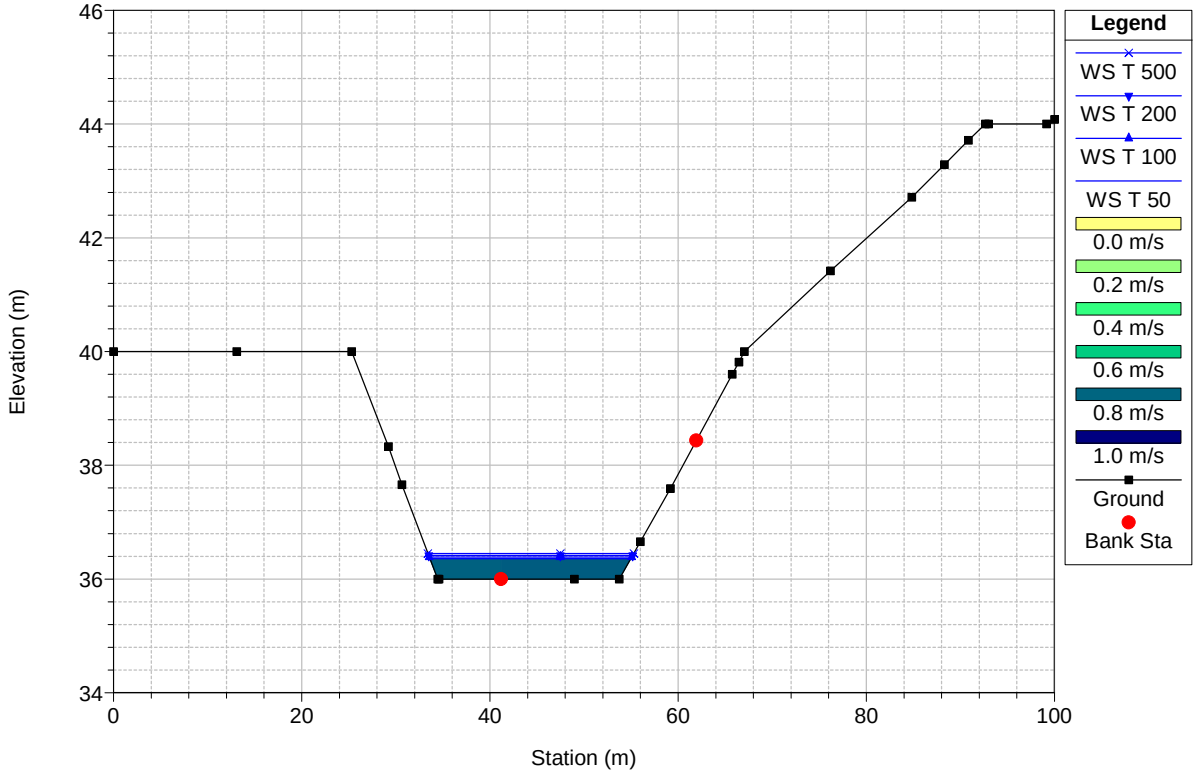
River = Baja Caddinas Reach = Rc sup RS = 1070



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

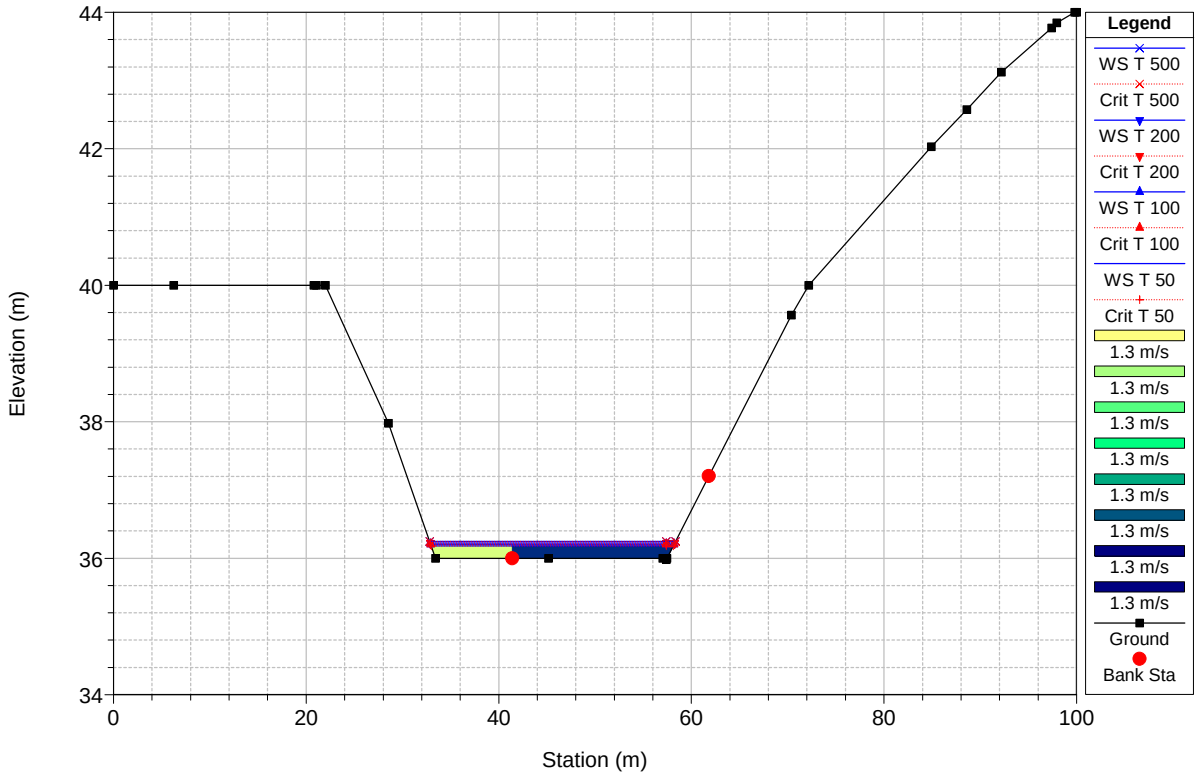
River = Baja Caddinas Reach = Rc sup RS = 1060



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

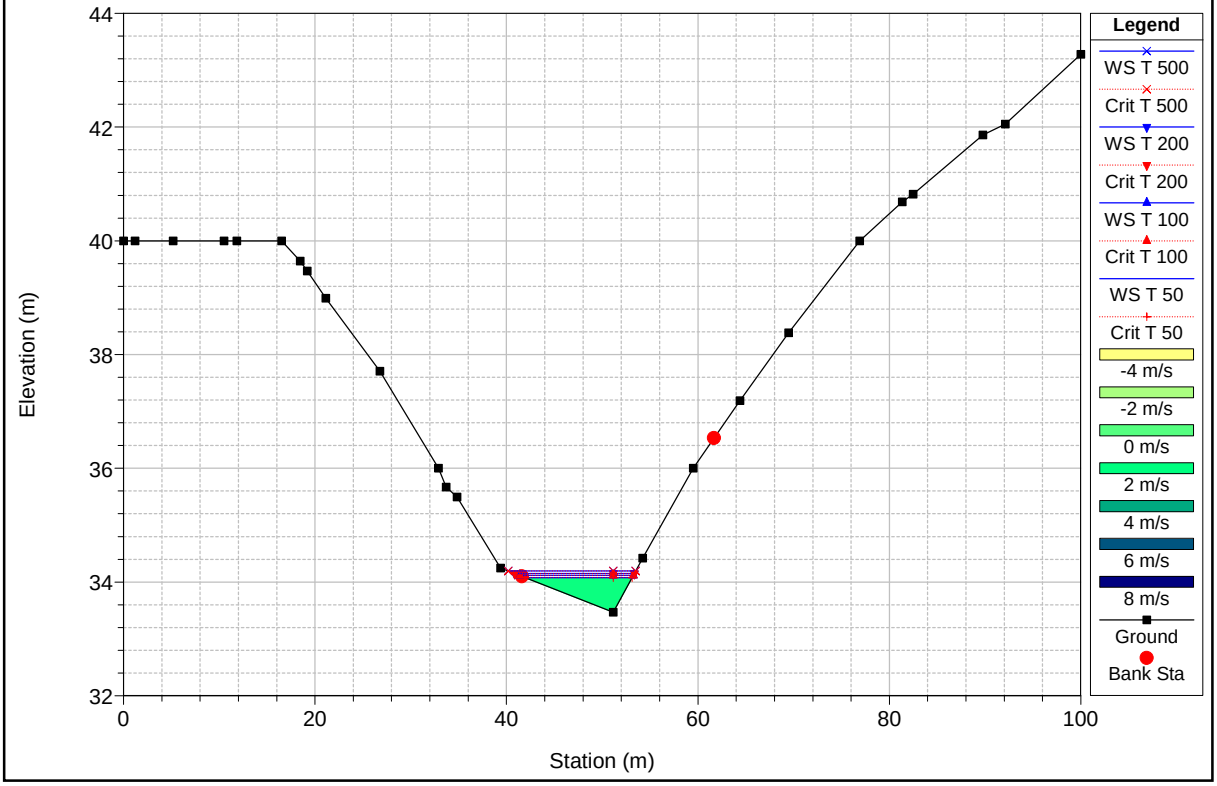
River = Baja Caddinas Reach = Rc sup RS = 1050



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

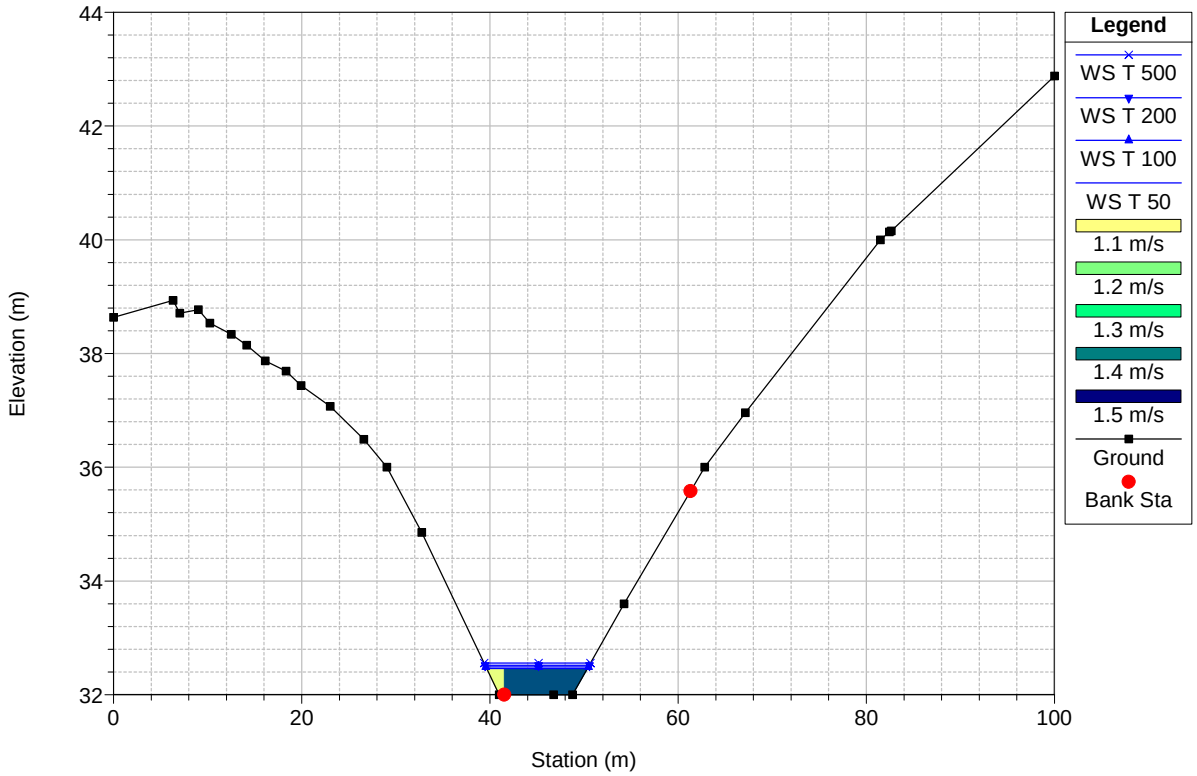
River = Baja Caddinas Reach = Rc sup RS = 1040



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

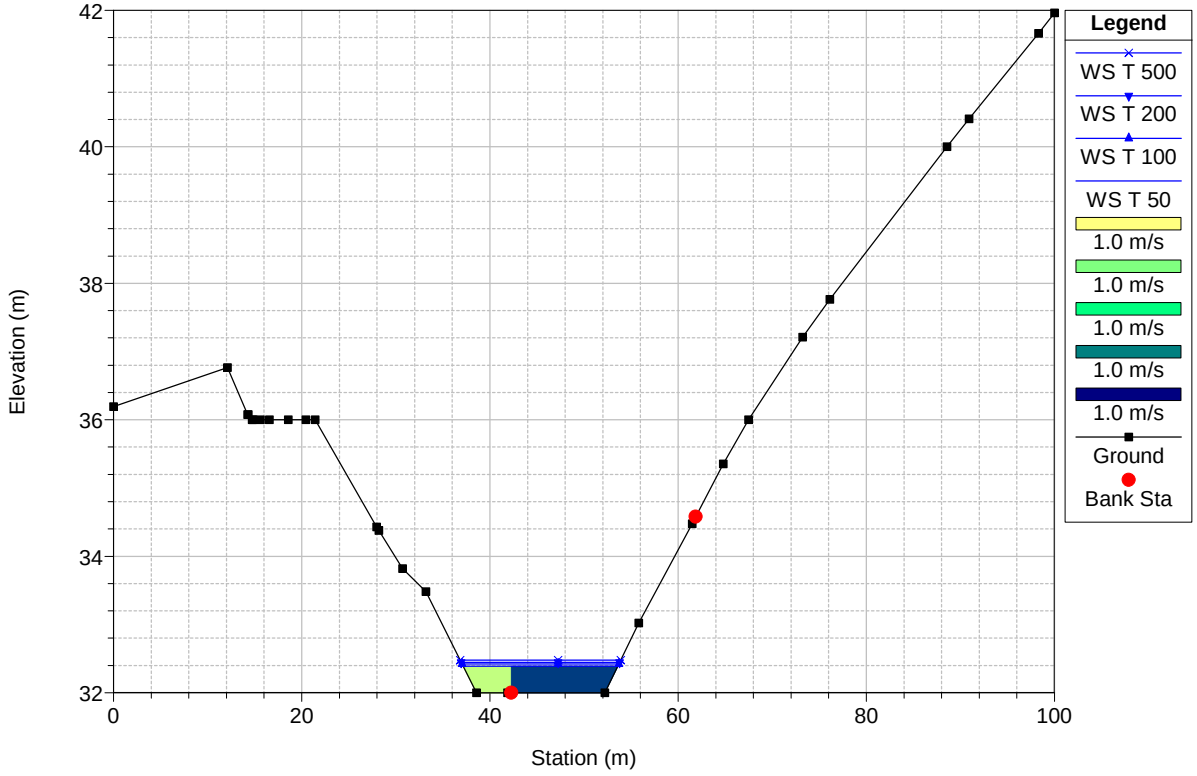
River = Baja Caddinas Reach = Rc sup RS = 1030



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

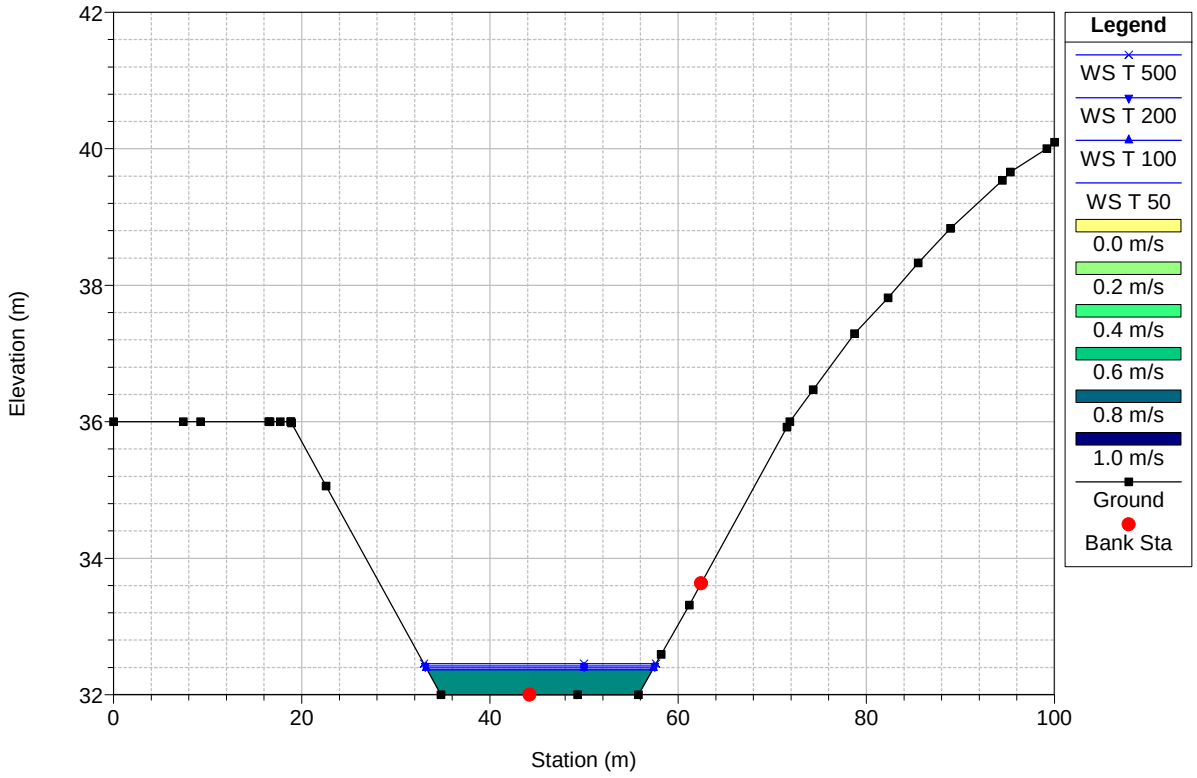
River = Baja Caddinas Reach = Rc sup RS = 1020



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

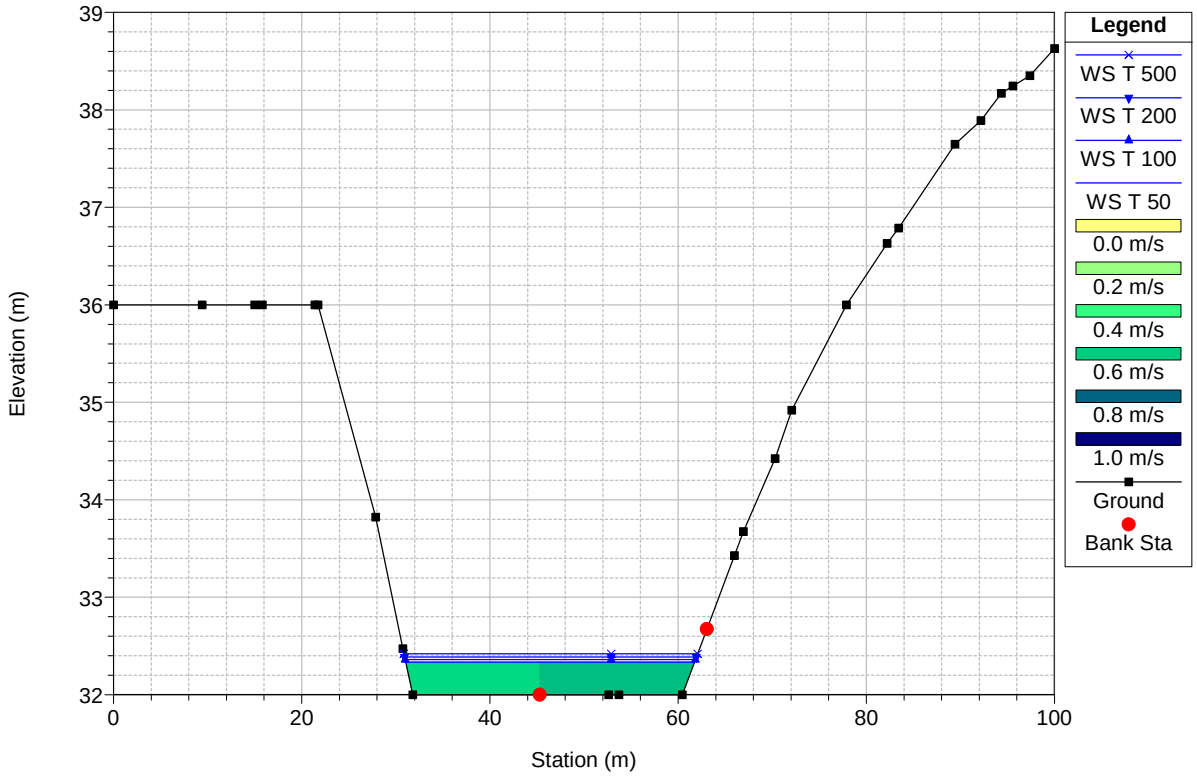
River = Baja Caddinas Reach = Rc sup RS = 1010



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

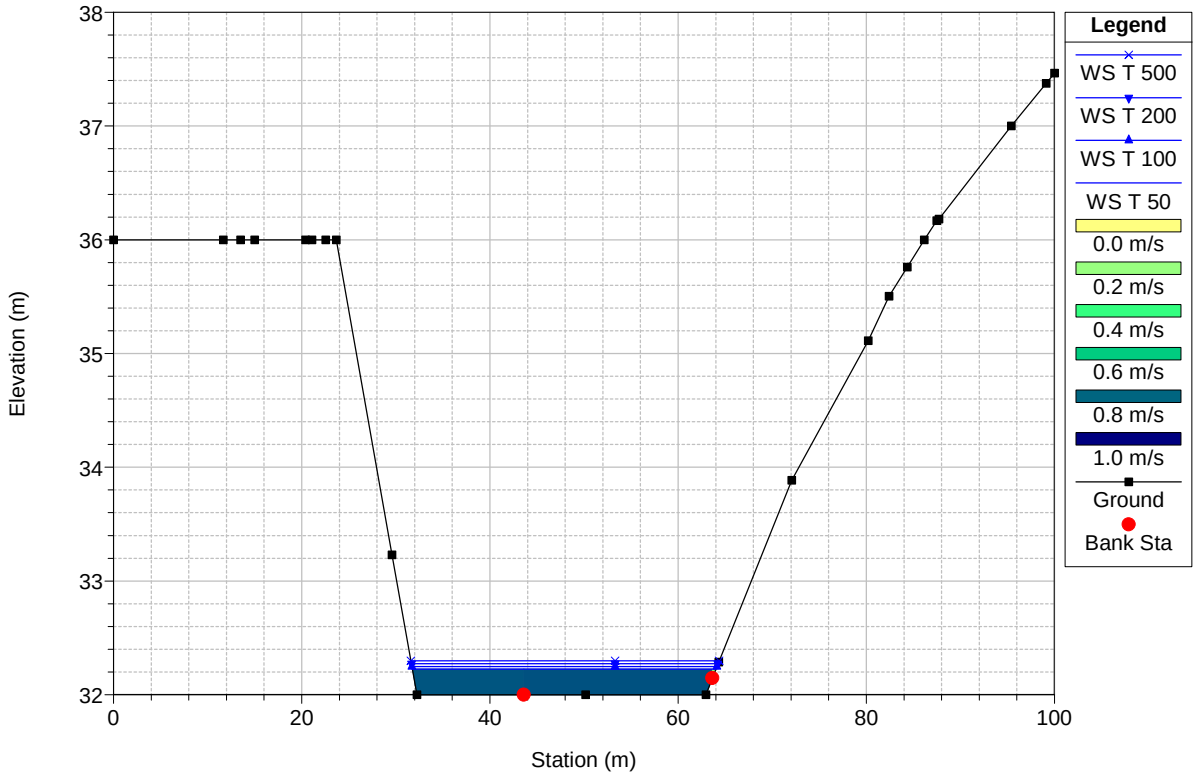
River = Baja Caddinas Reach = Rc sup RS = 1000



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

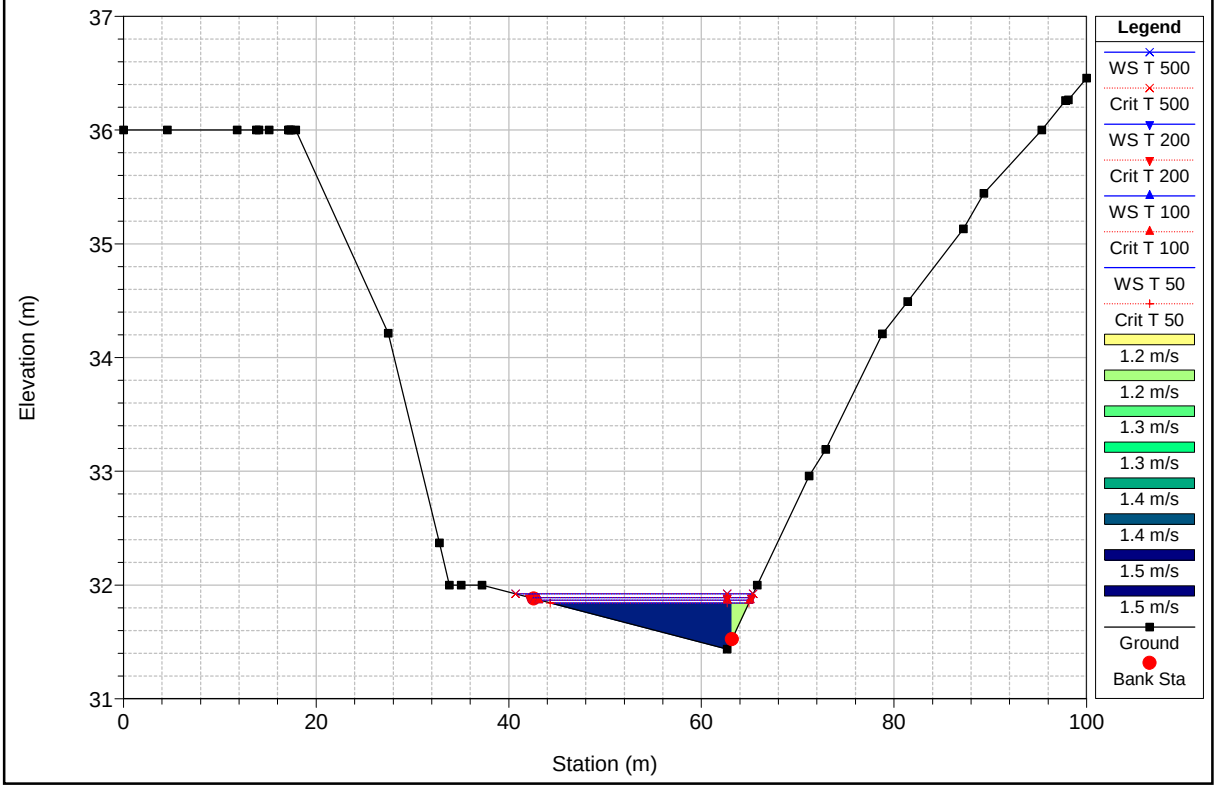
River = Baja Caddinas Reach = Rc sup RS = 990



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

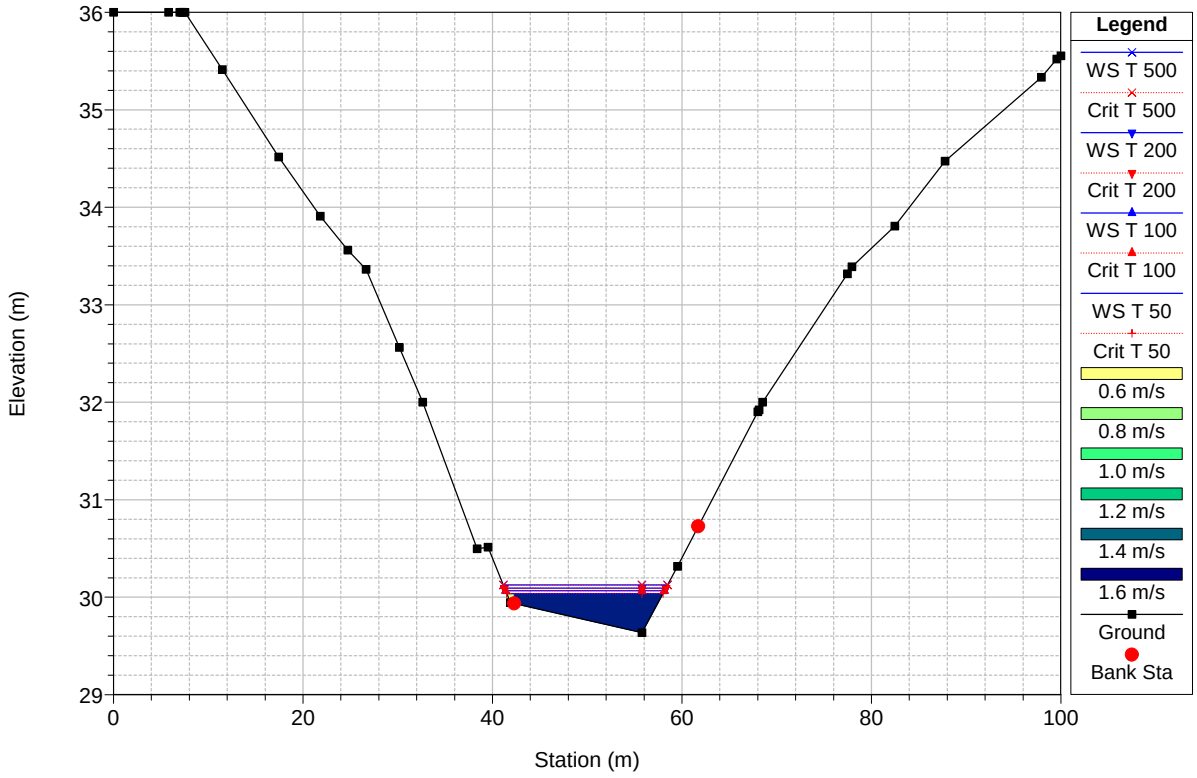
River = Baja Caddinas Reach = Rc sup RS = 980



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

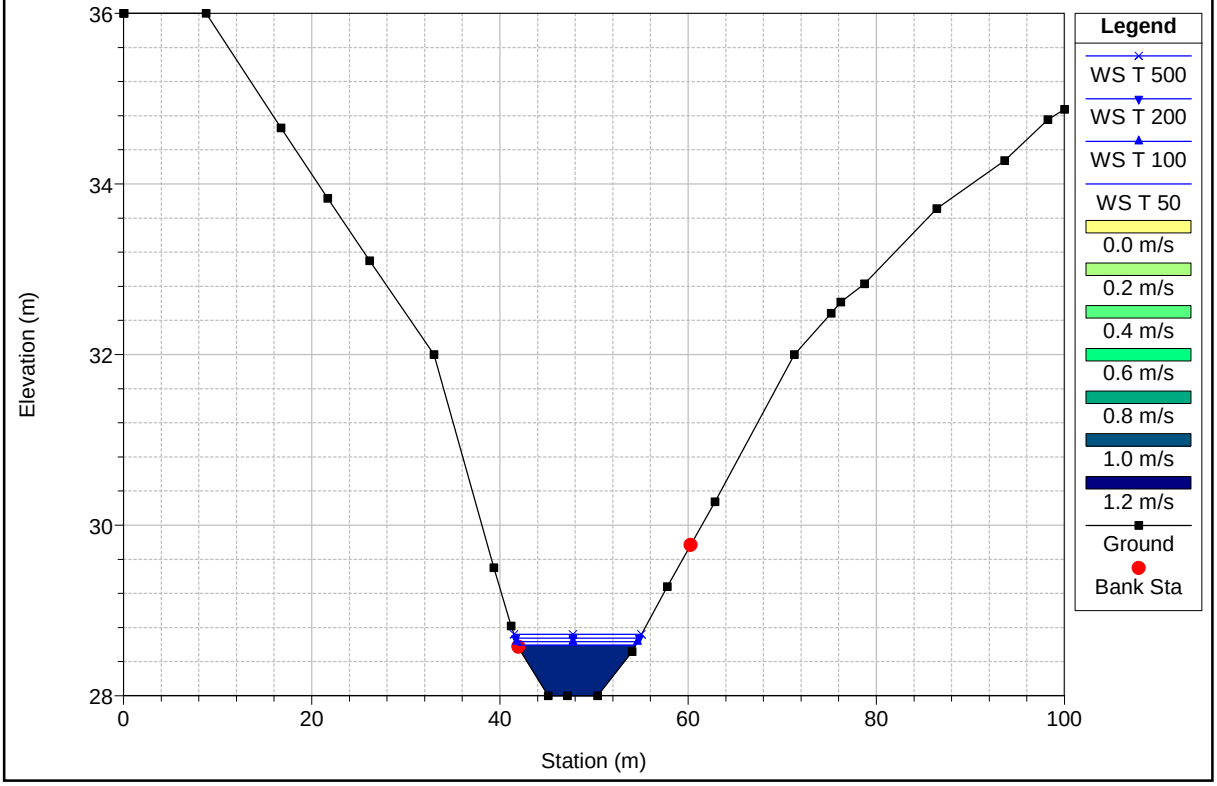
River = Baja Caddinas Reach = Rc sup RS = 970



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

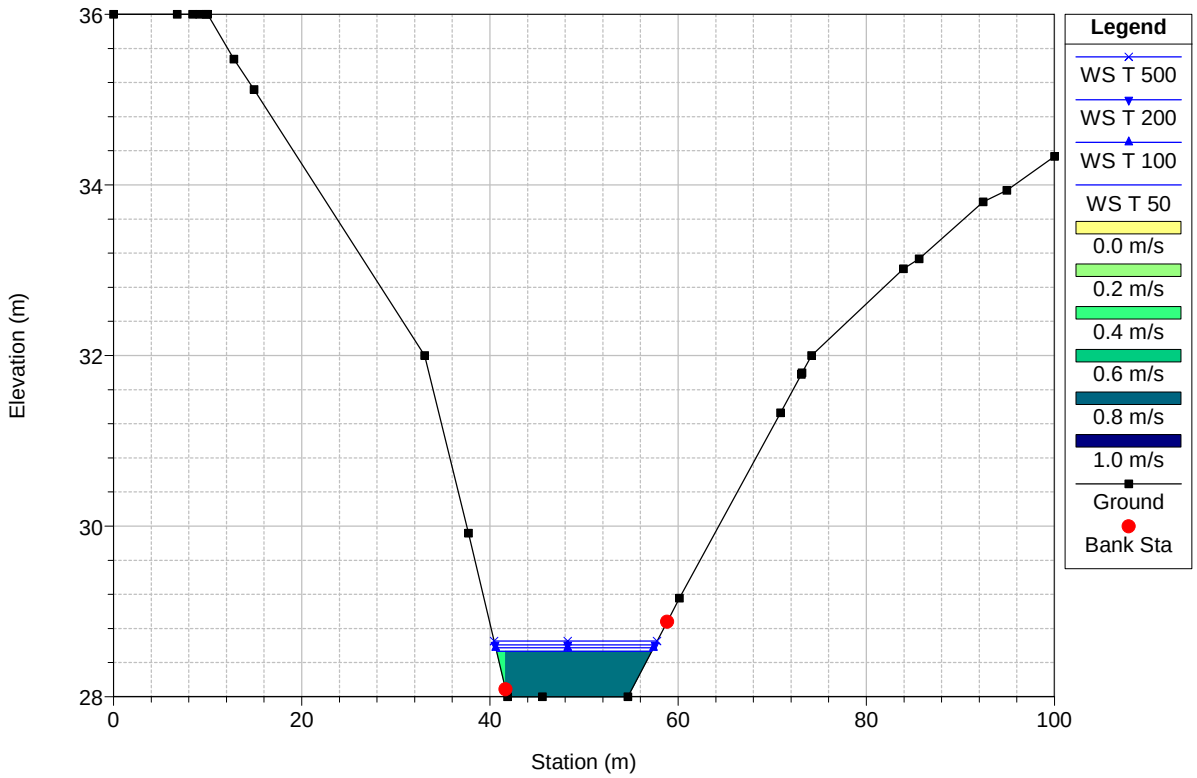
River = Baja Caddinas Reach = Rc sup RS = 960



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

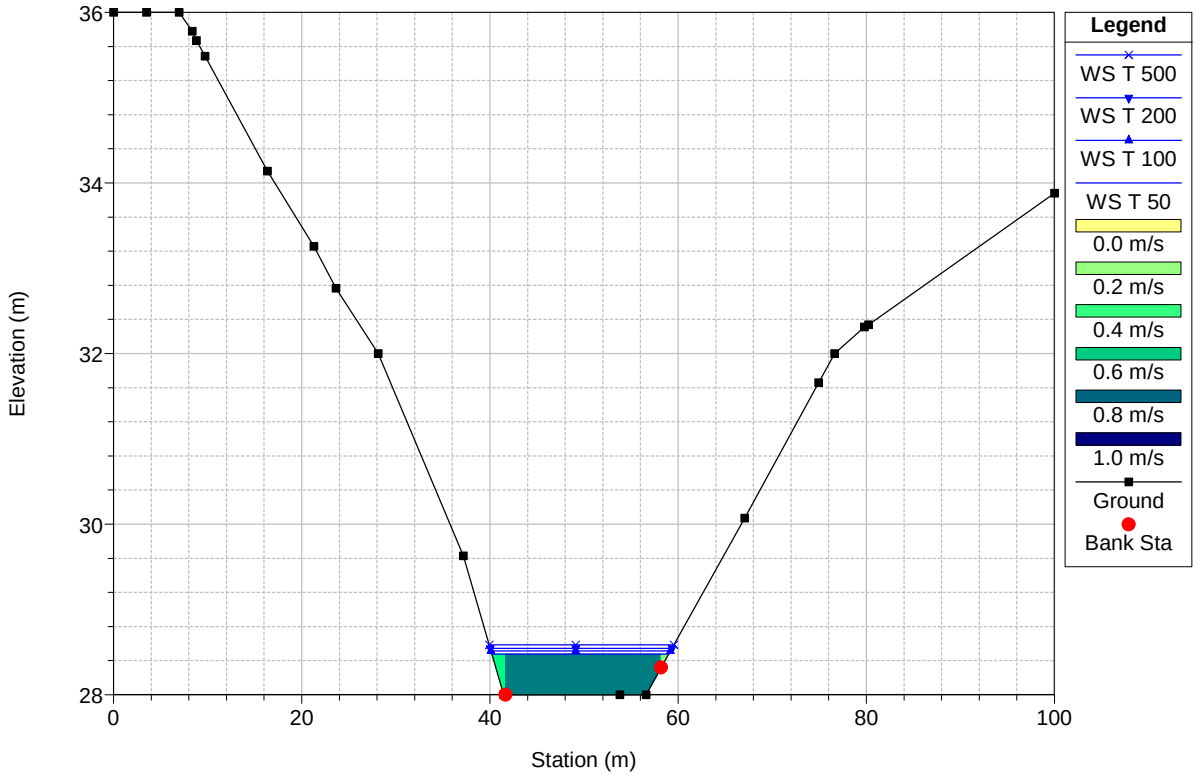
River = Baja Caddinas Reach = Rc sup RS = 950



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

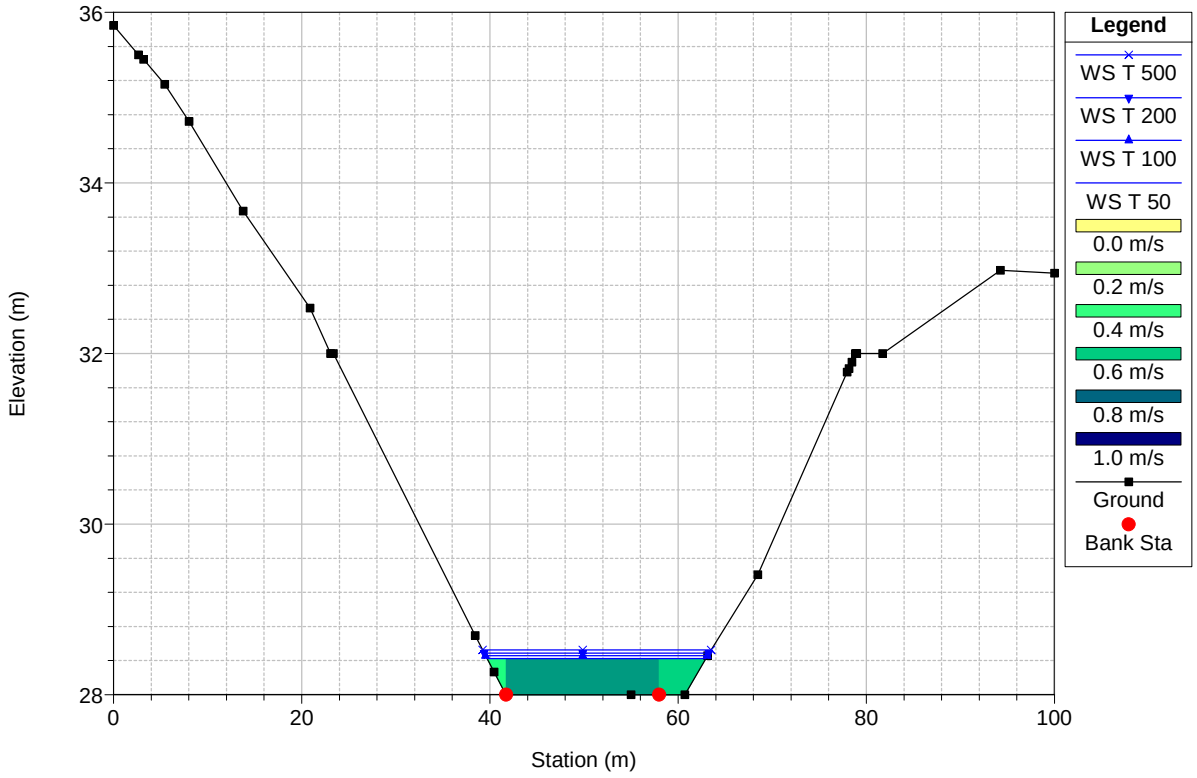
River = Baja Caddinas Reach = Rc sup RS = 940



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

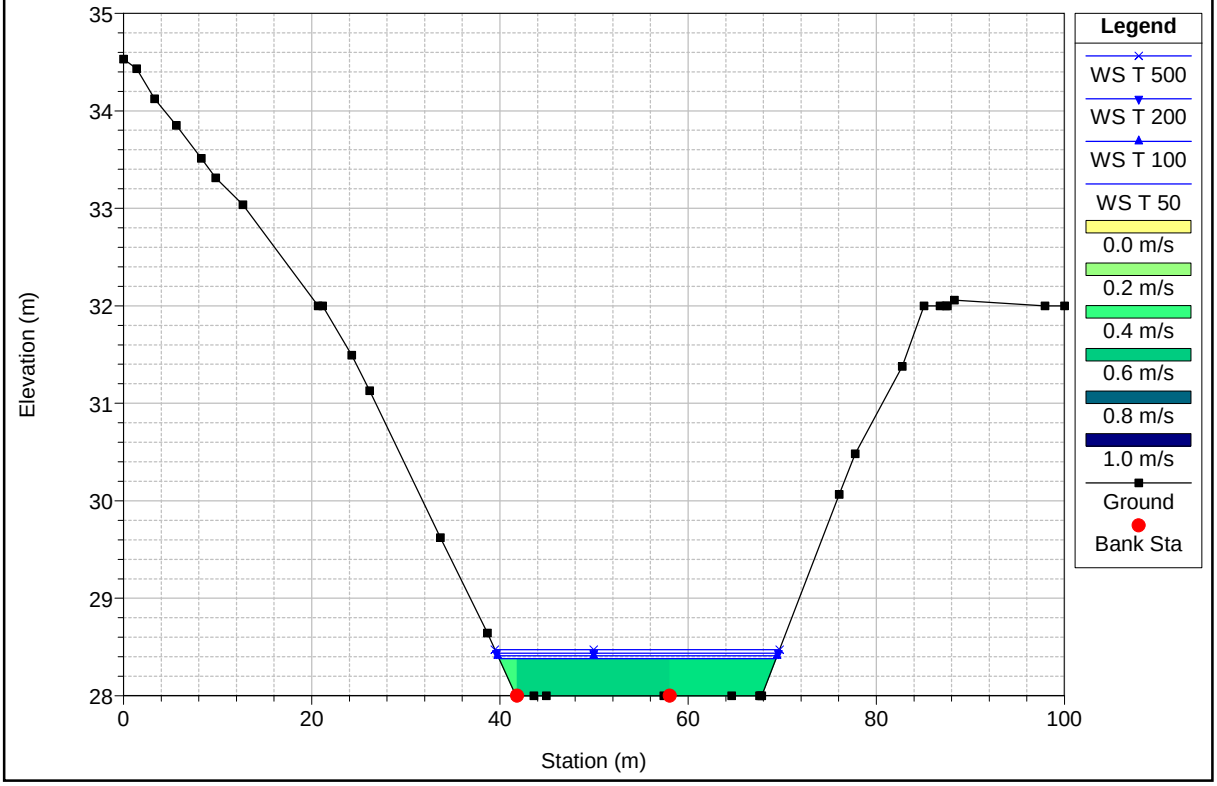
River = Baja Caddinas Reach = Rc sup RS = 930



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

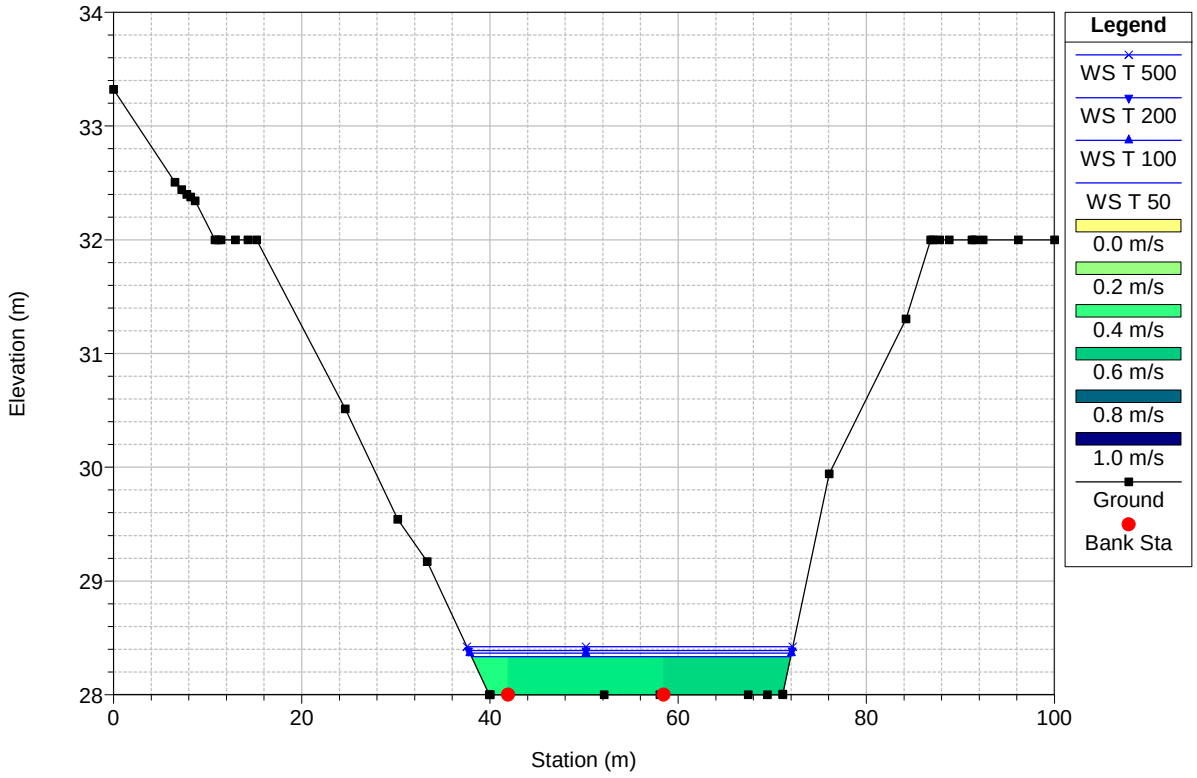
River = Baja Caddinas Reach = Rc sup RS = 920



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

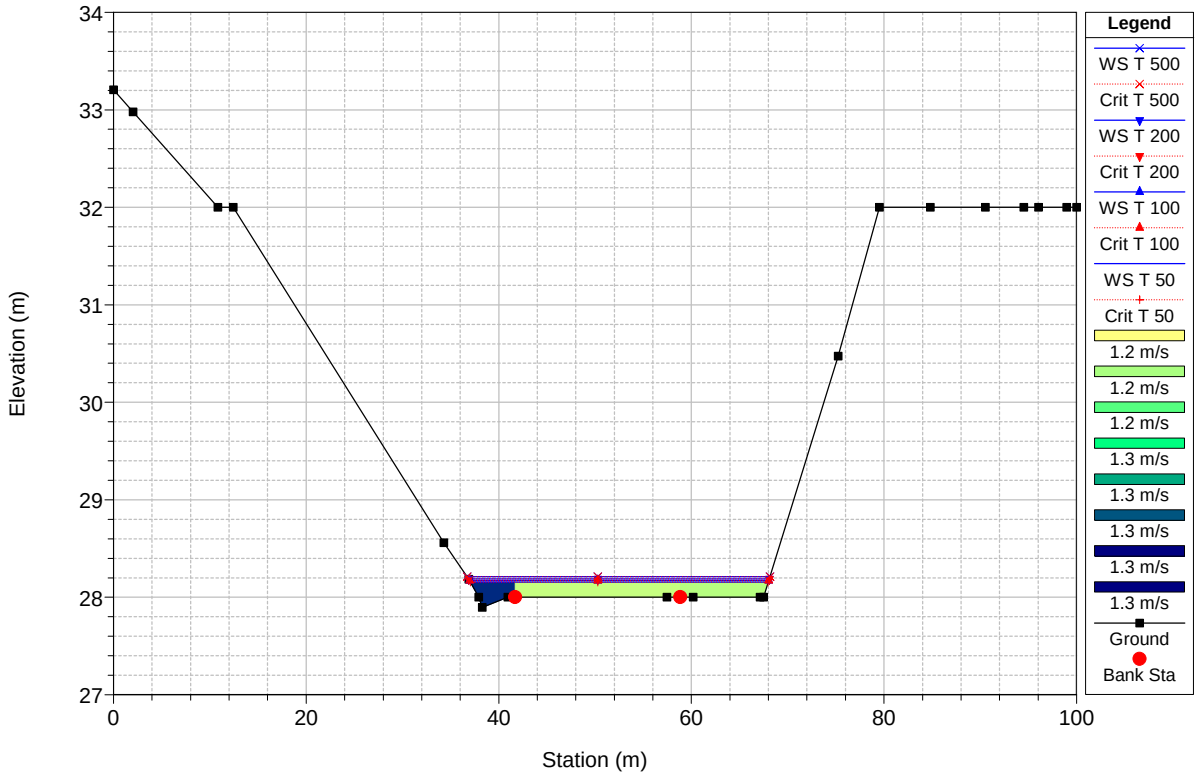
River = Baja Caddinas Reach = Rc sup RS = 910



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

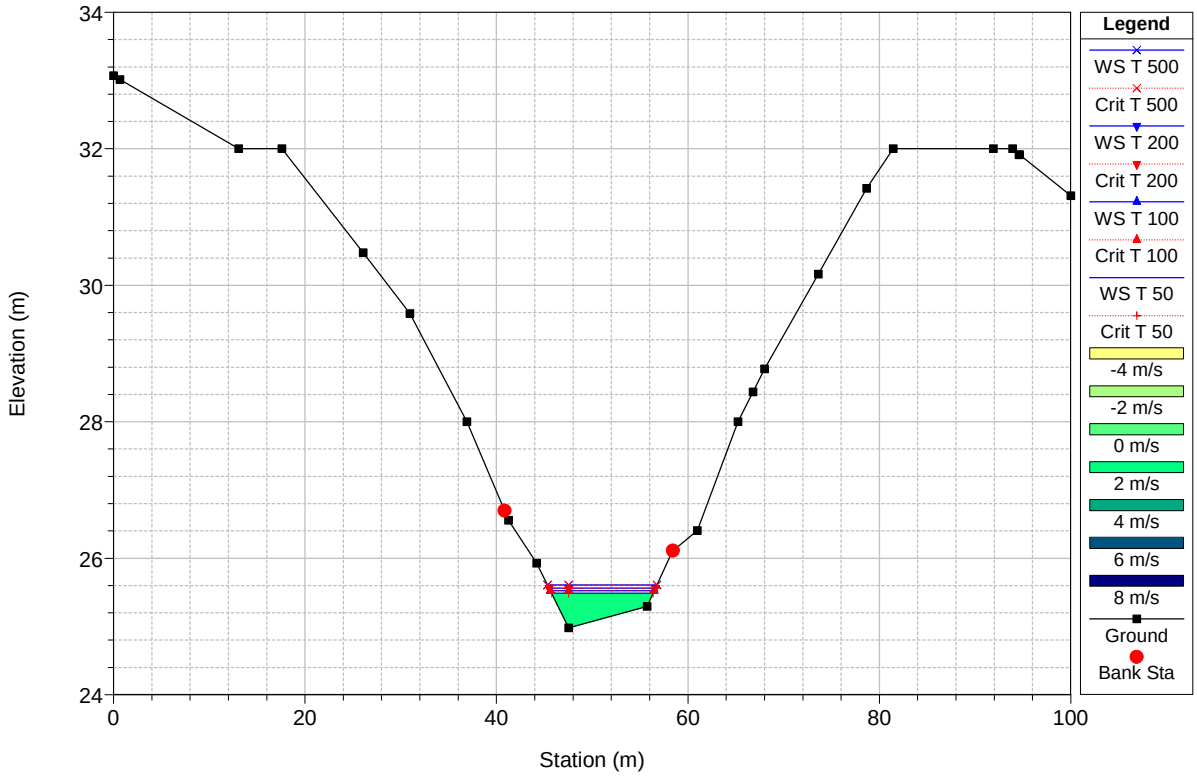
River = Baja Caddinas Reach = Rc sup RS = 900



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

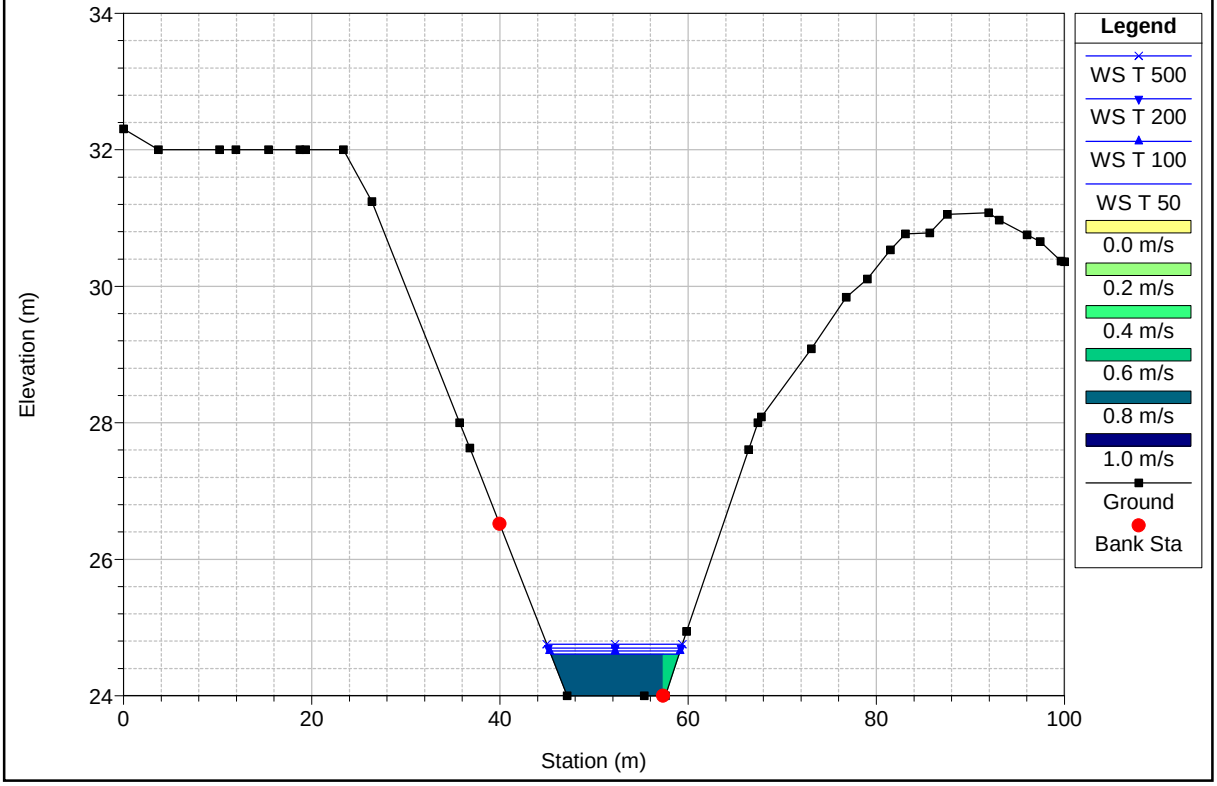
River = Baja Caddinas Reach = Rc sup RS = 890



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

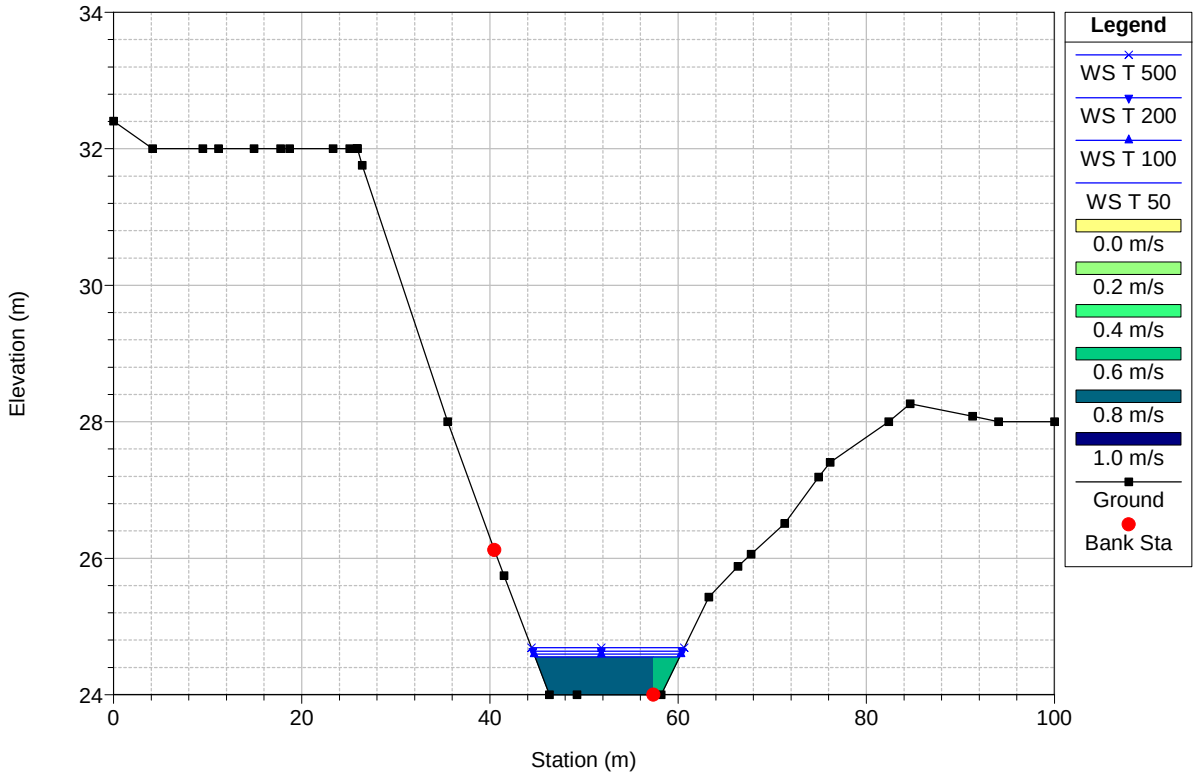
River = Baja Caddinas Reach = Rc sup RS = 880



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

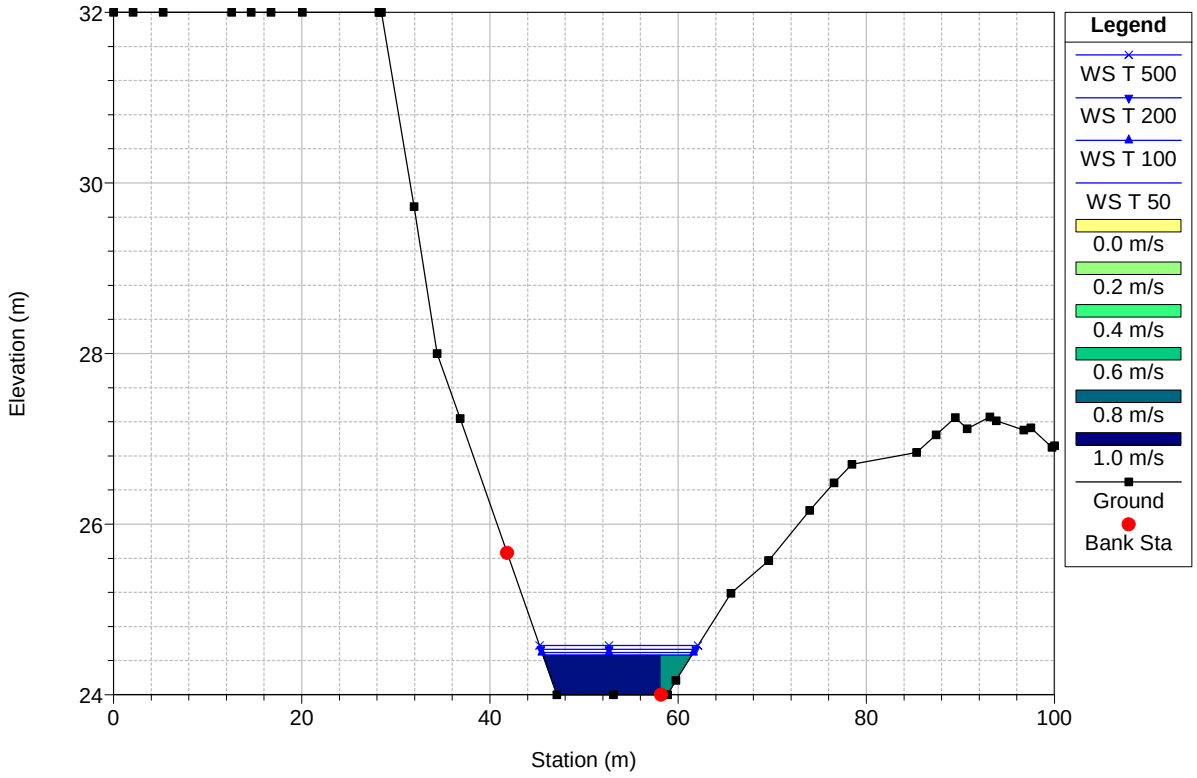
River = Baja Caddinas Reach = Rc sup RS = 870



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

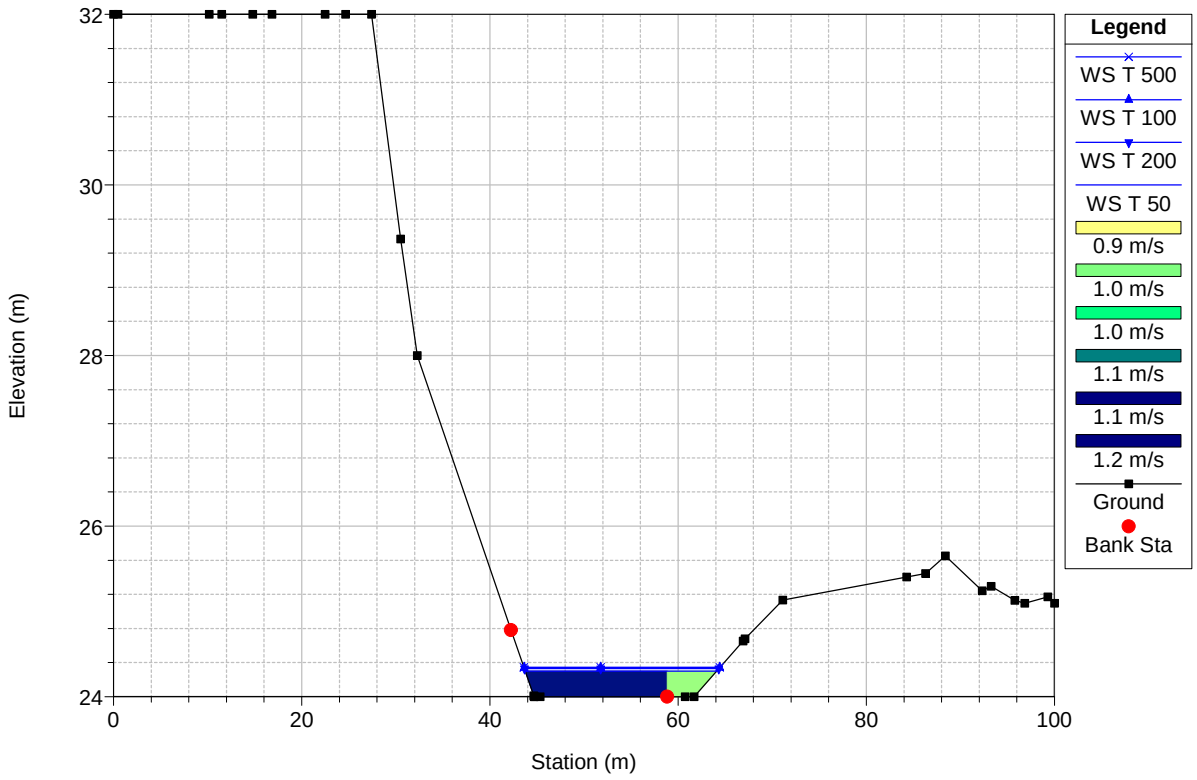
River = Baja Caddinas Reach = Rc sup RS = 860



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

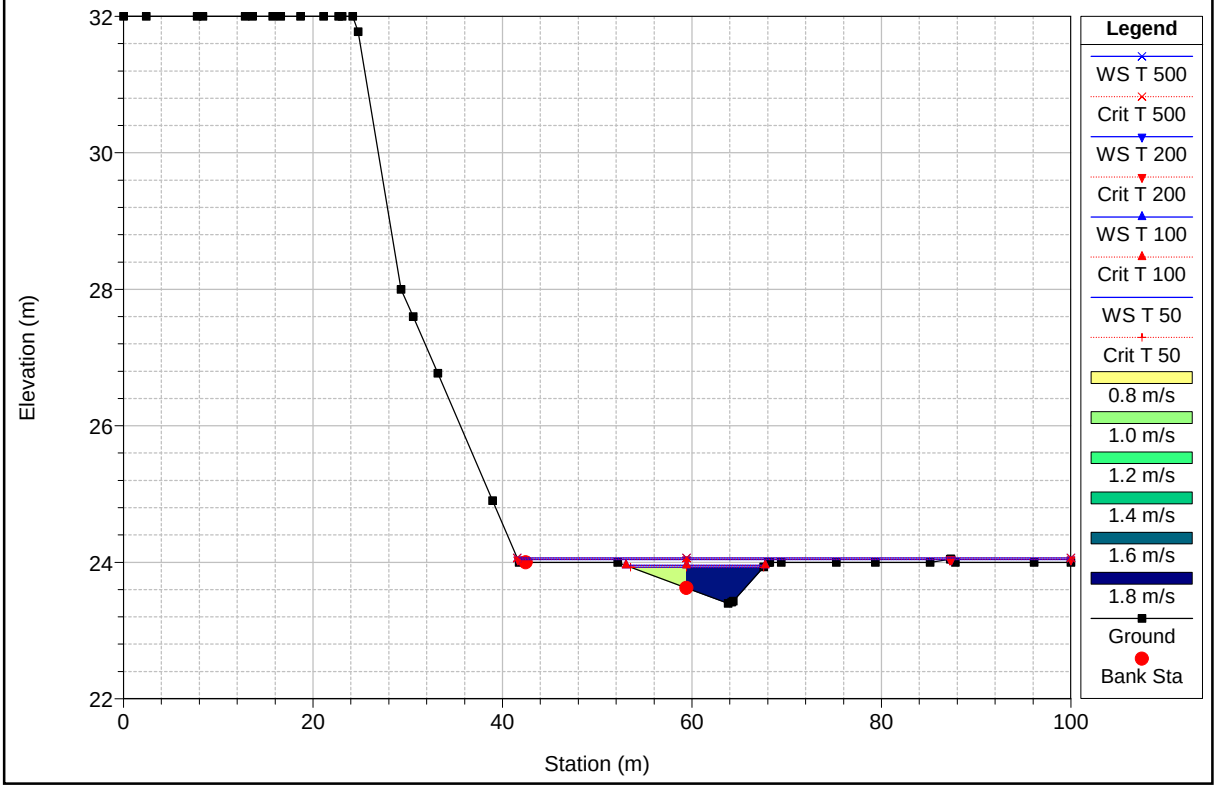
River = Baja Caddinas Reach = Rc sup RS = 850



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

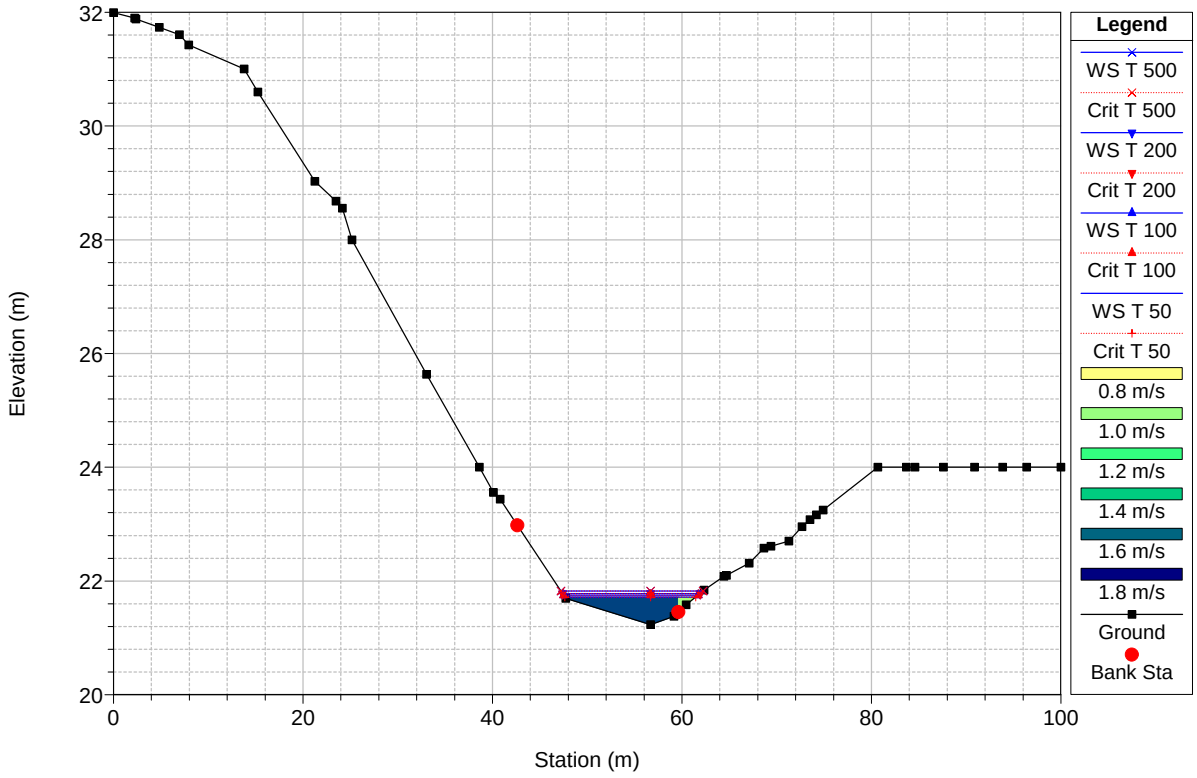
River = Baja Caddinas Reach = Rc sup RS = 840



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

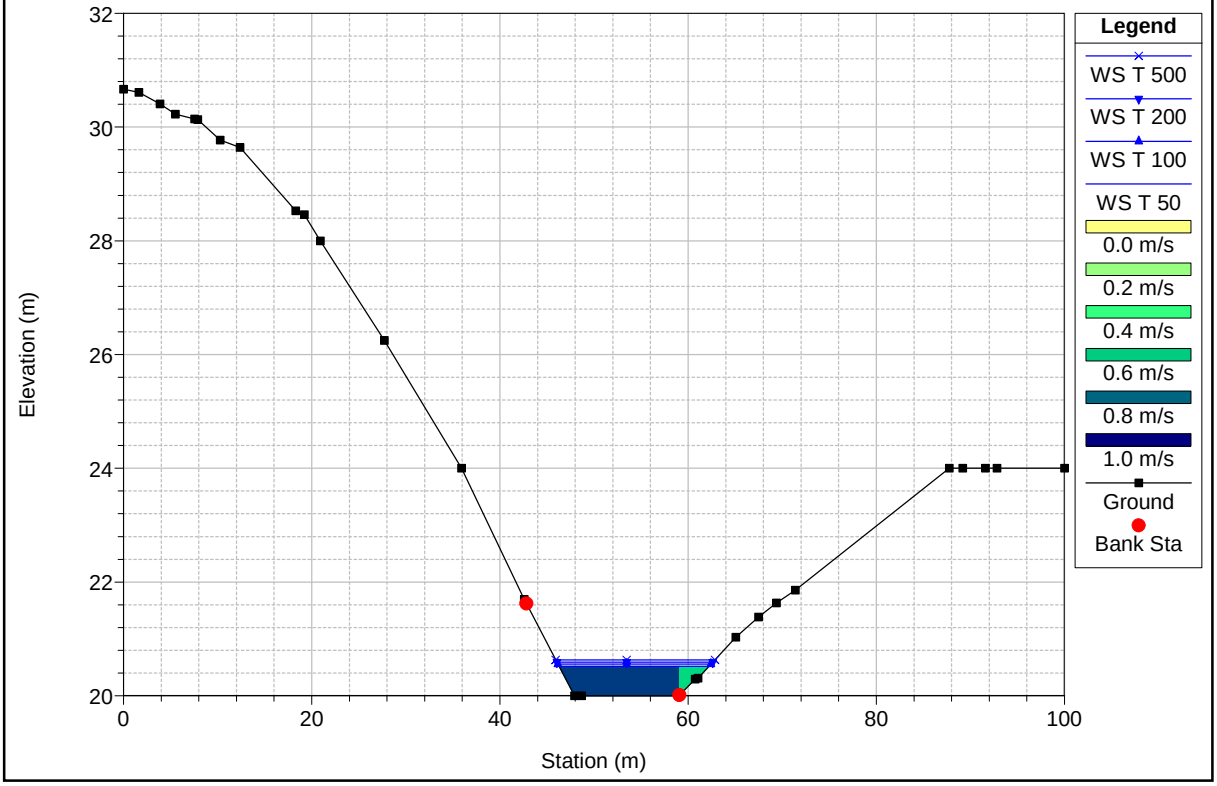
River = Baja Caddinas Reach = Rc sup RS = 830



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

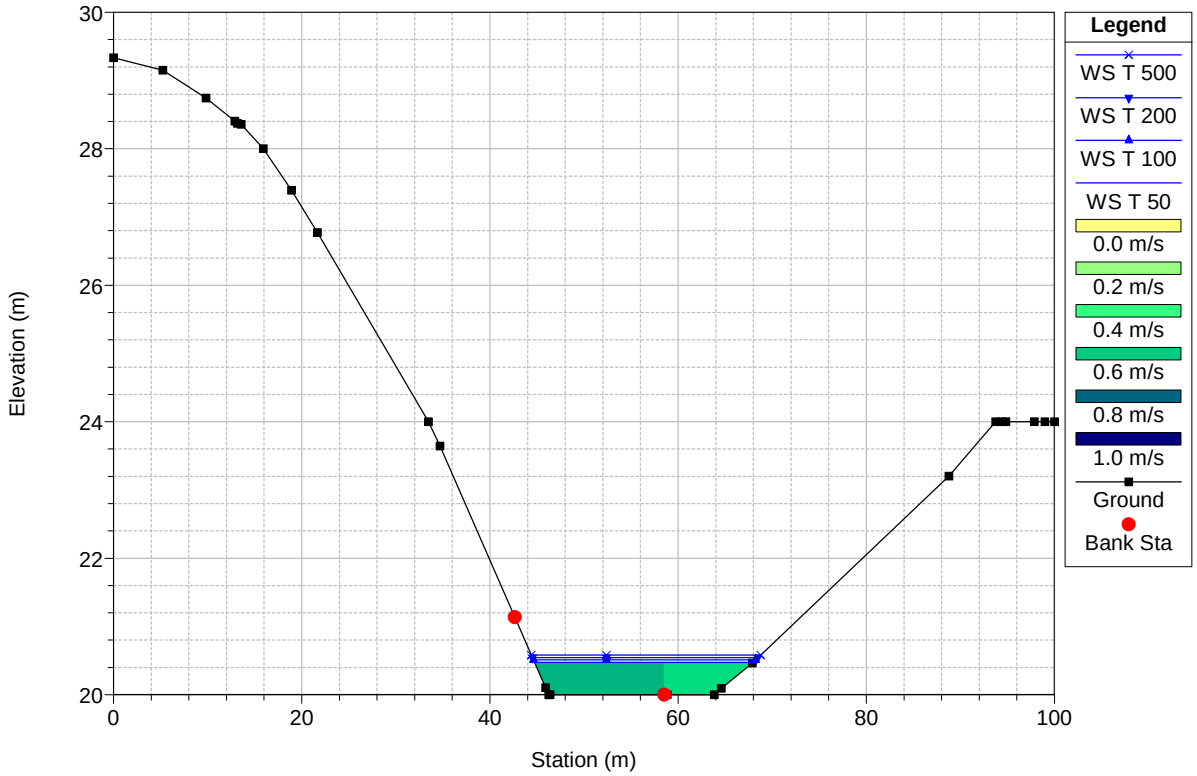
River = Baja Caddinas Reach = Rc sup RS = 820



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

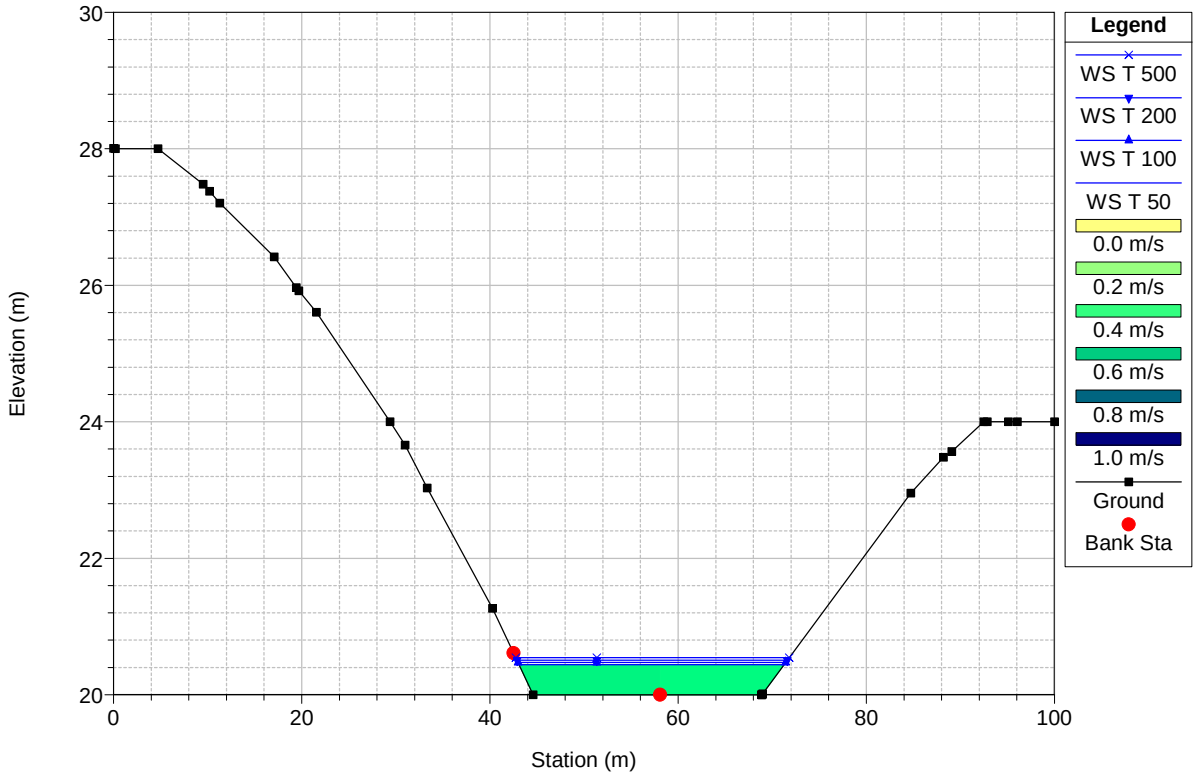
River = Baja Caddinas Reach = Rc sup RS = 810



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

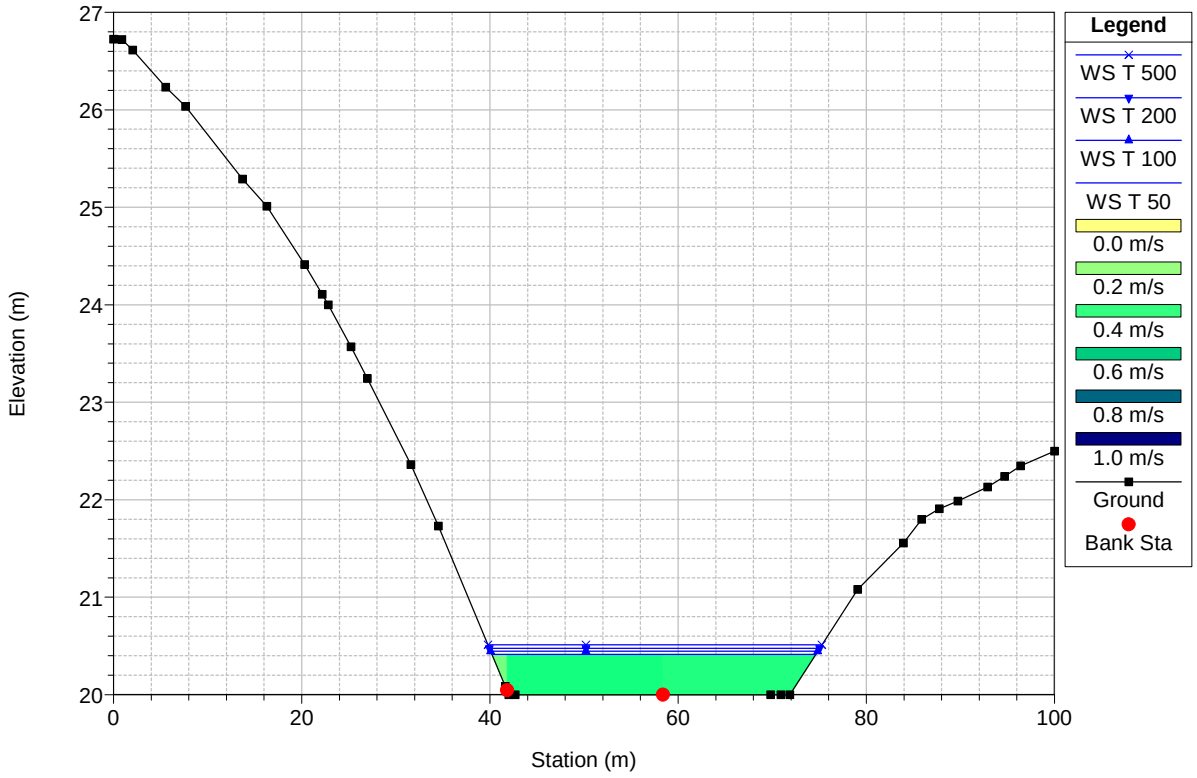
River = Baja Caddinas Reach = Rc sup RS = 800



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

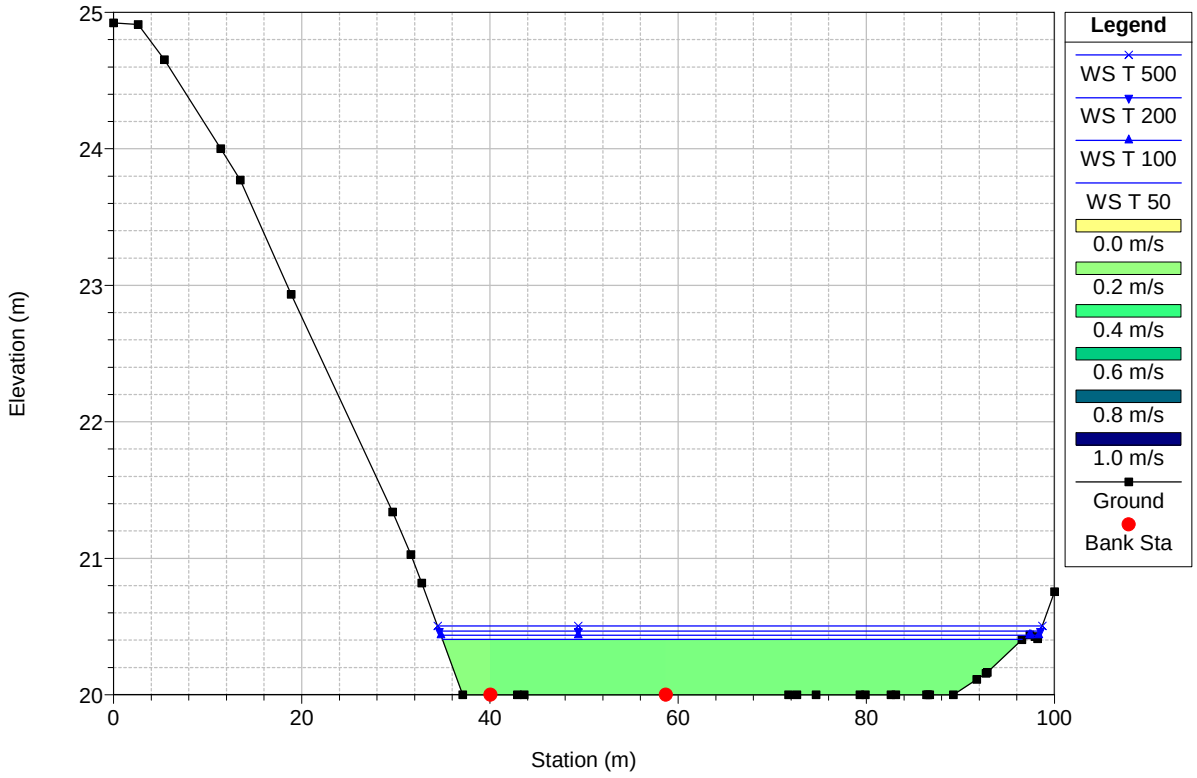
River = Baja Caddinas Reach = Rc sup RS = 790



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

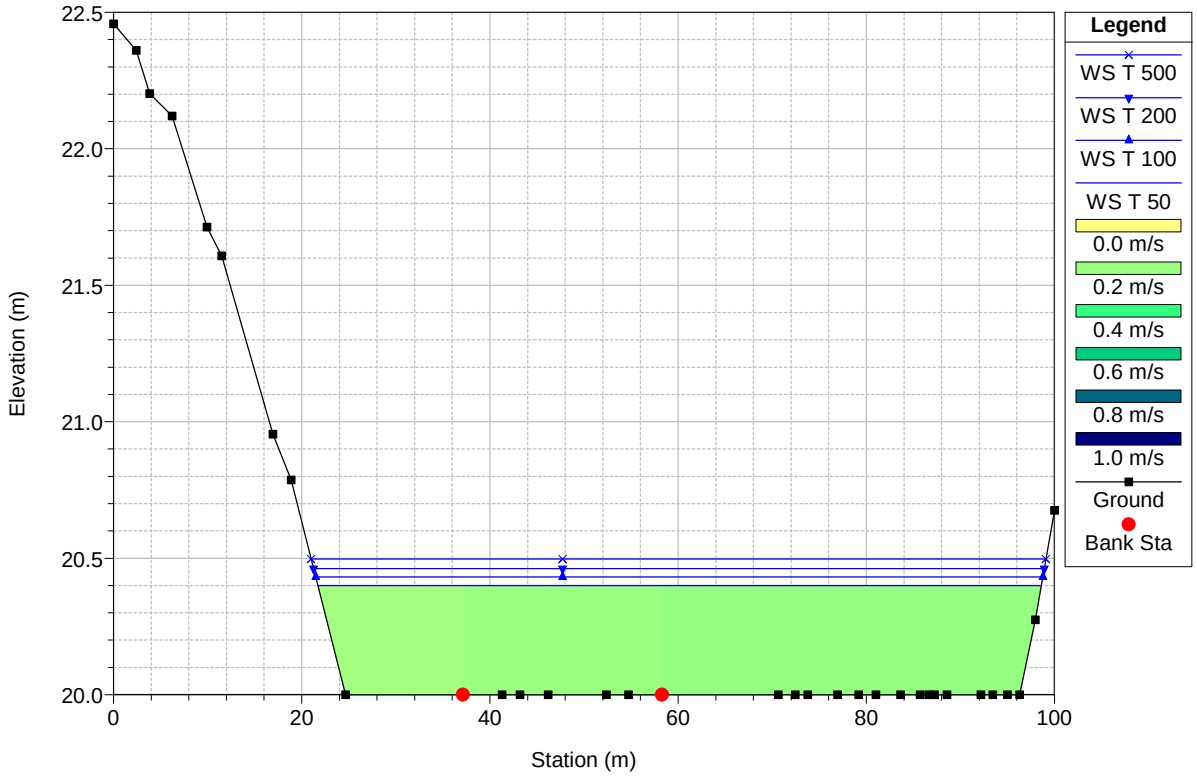
River = Baja Caddinas Reach = Rc sup RS = 780



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

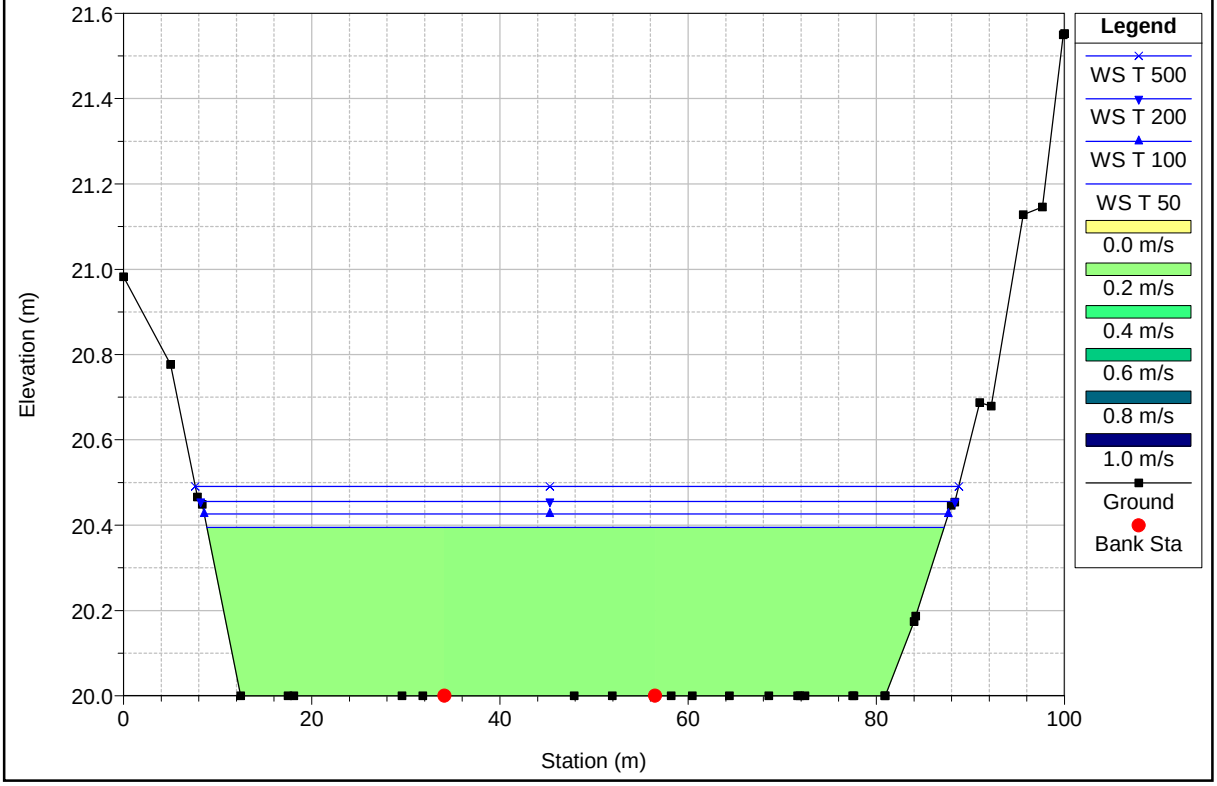
River = Baja Caddinas Reach = Rc sup RS = 770



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

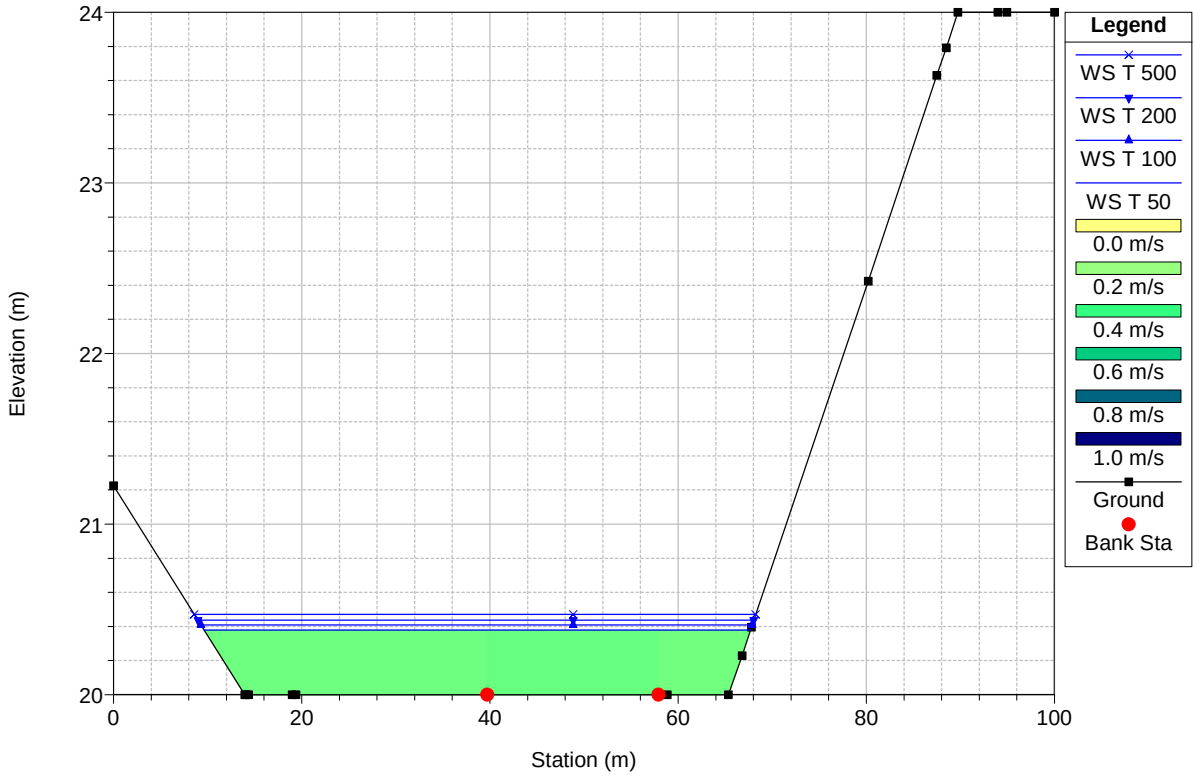
River = Baja Caddinas Reach = Rc sup RS = 760



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

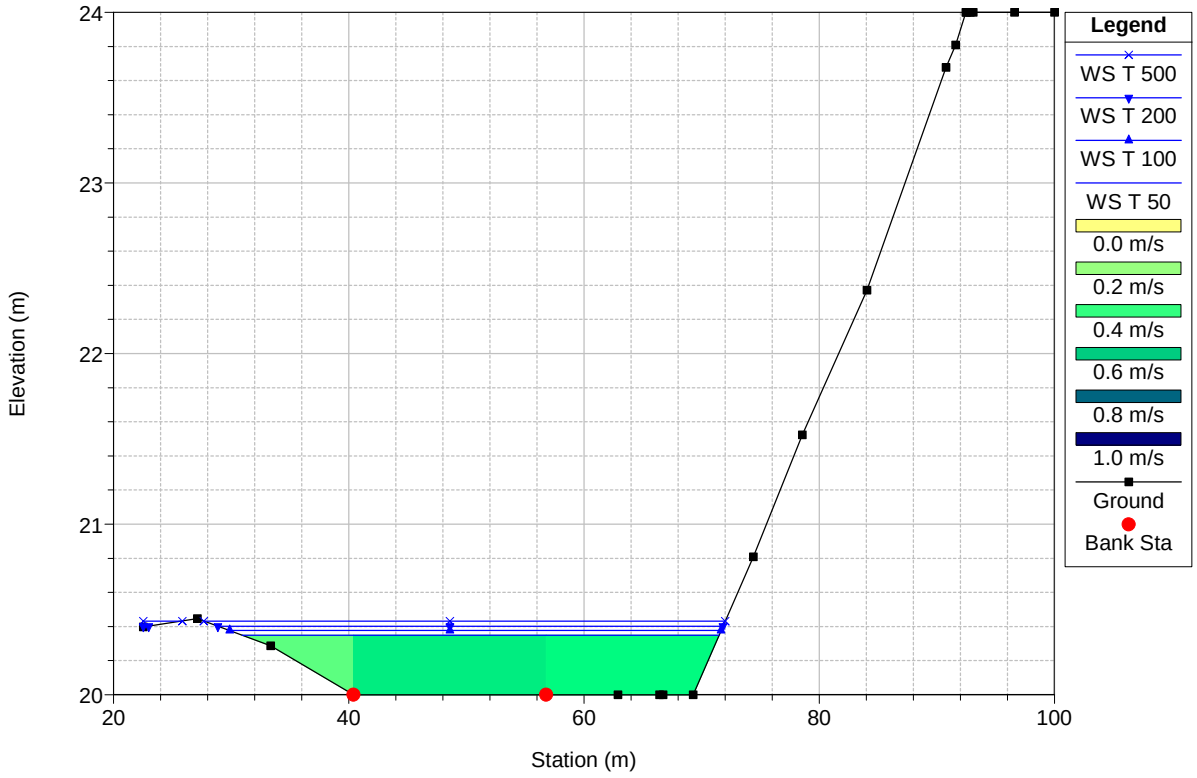
River = Baja Caddinas Reach = Rc sup RS = 740



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

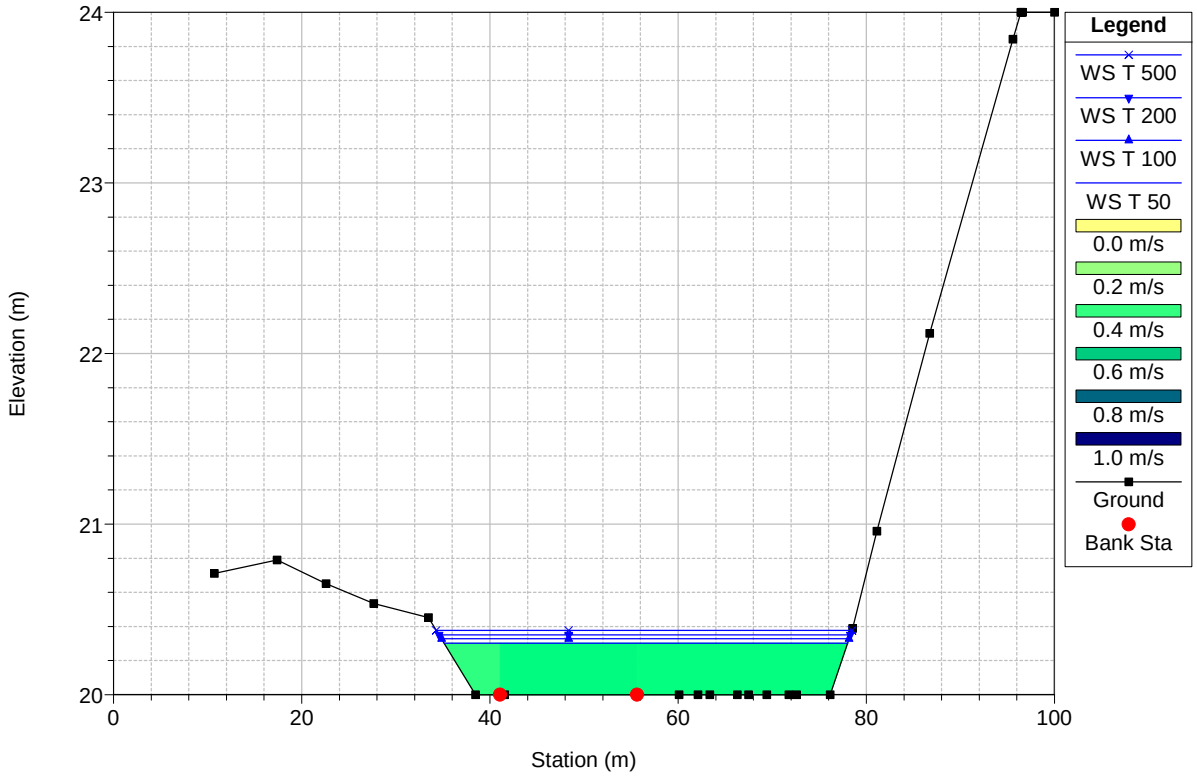
River = Baja Caddinas Reach = Rc sup RS = 730



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

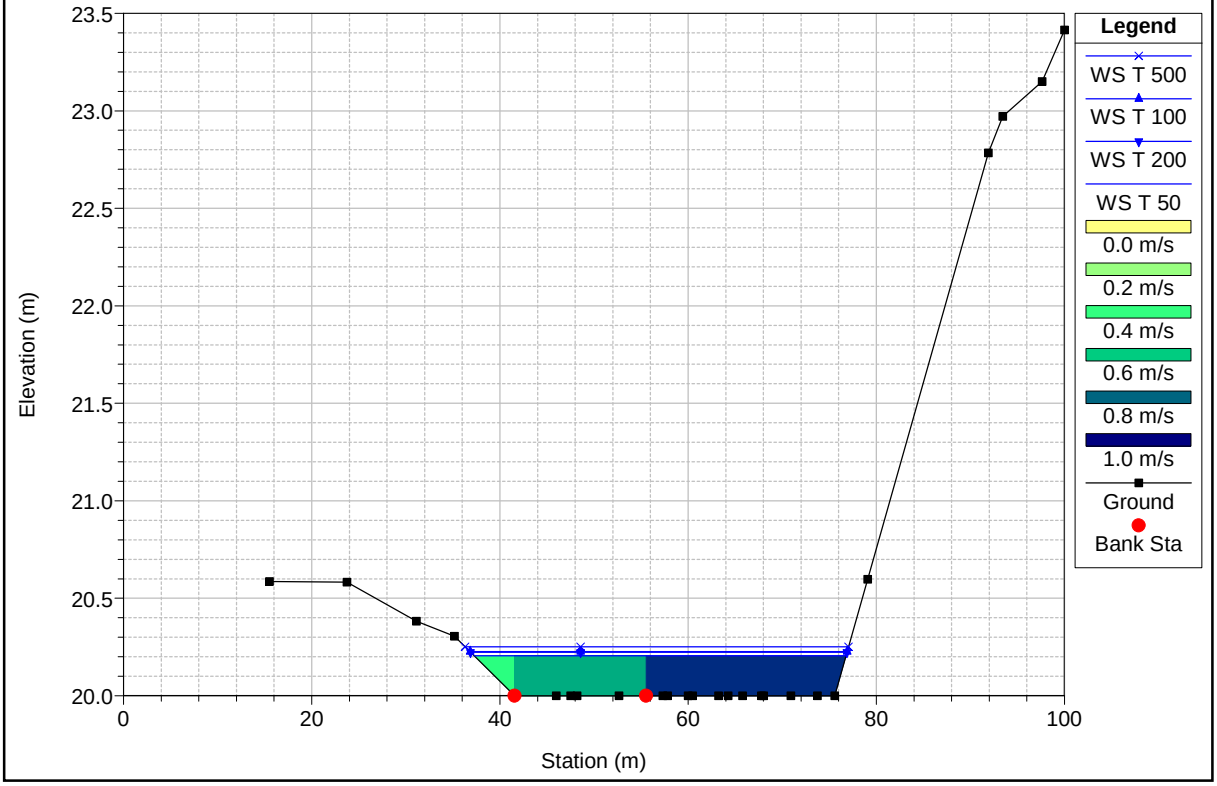
River = Baja Caddinas Reach = Rc sup RS = 720



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

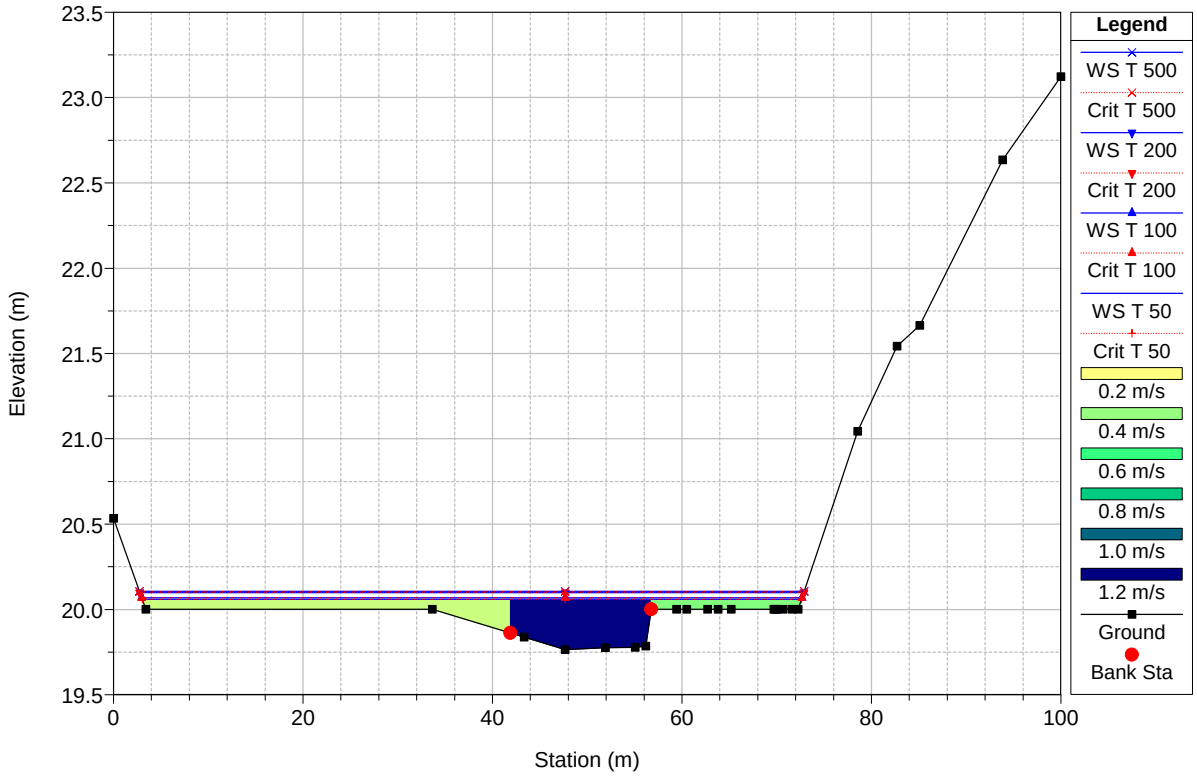
River = Baja Caddinas Reach = Rc sup RS = 710



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

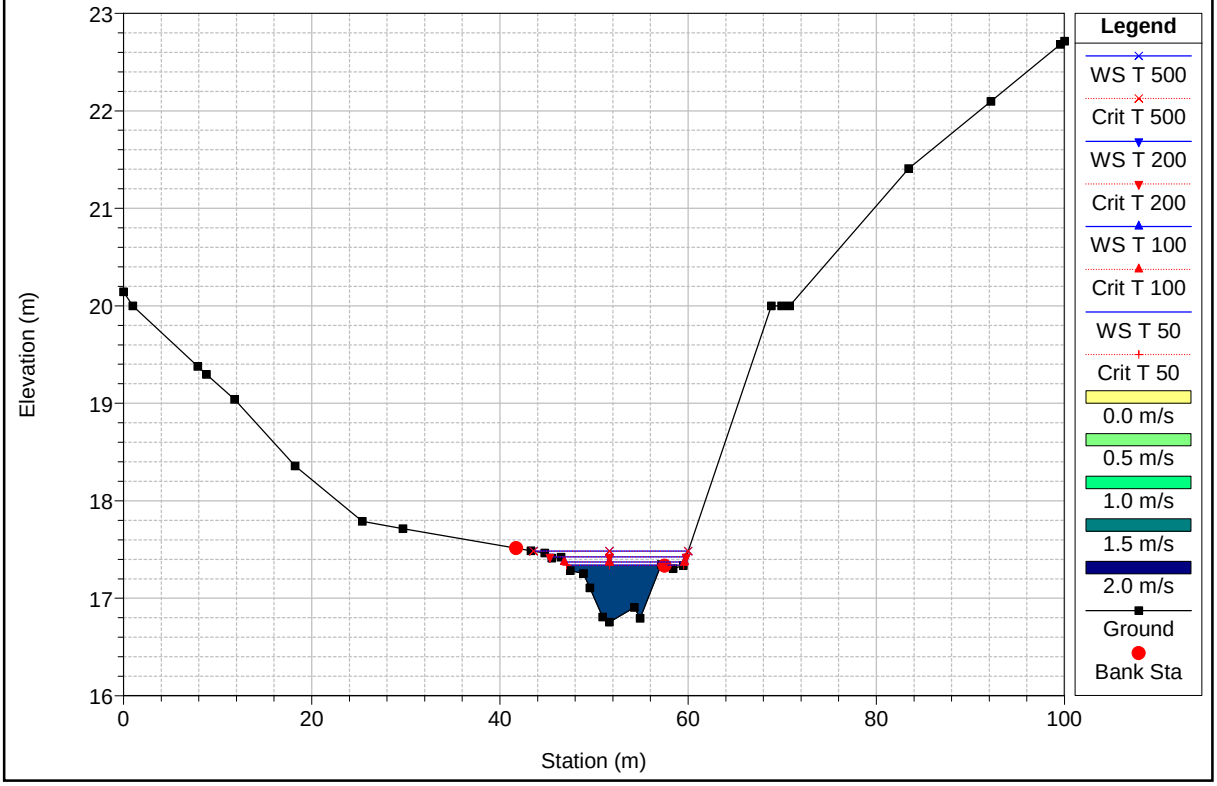
River = Baja Caddinas Reach = Rc sup RS = 700



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

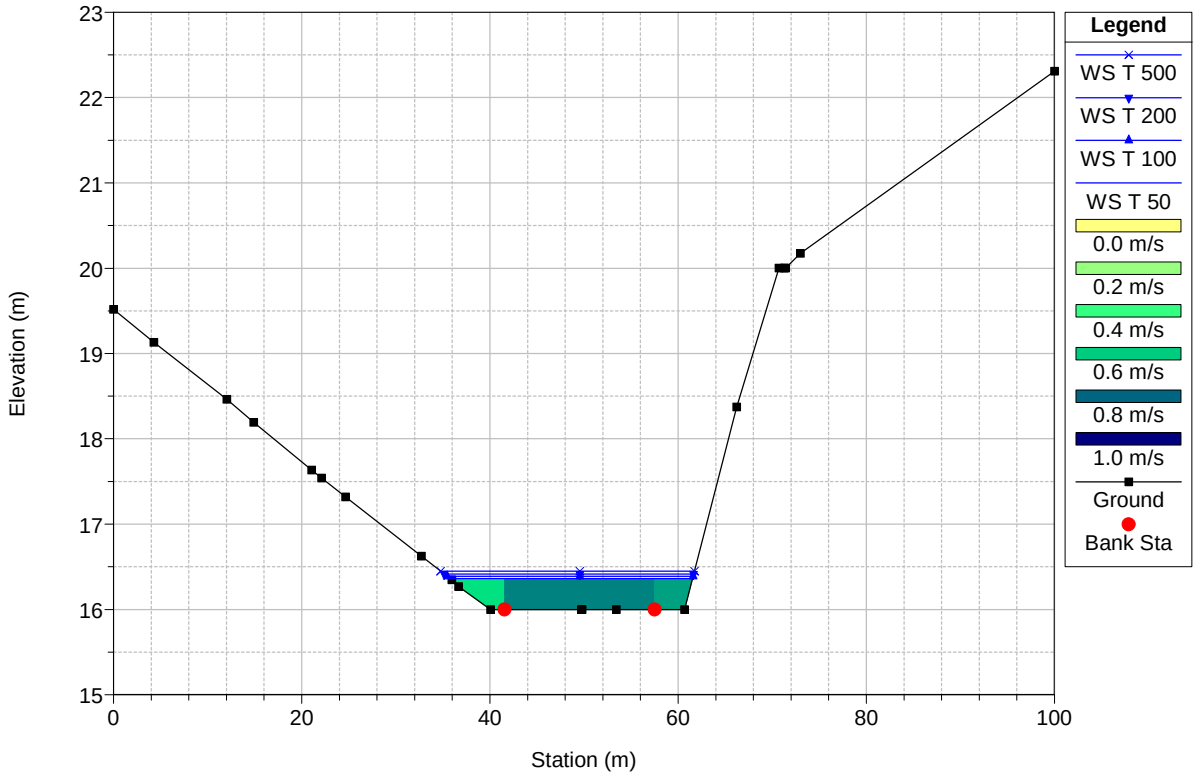
River = Baja Caddinas Reach = Rc sup RS = 690



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

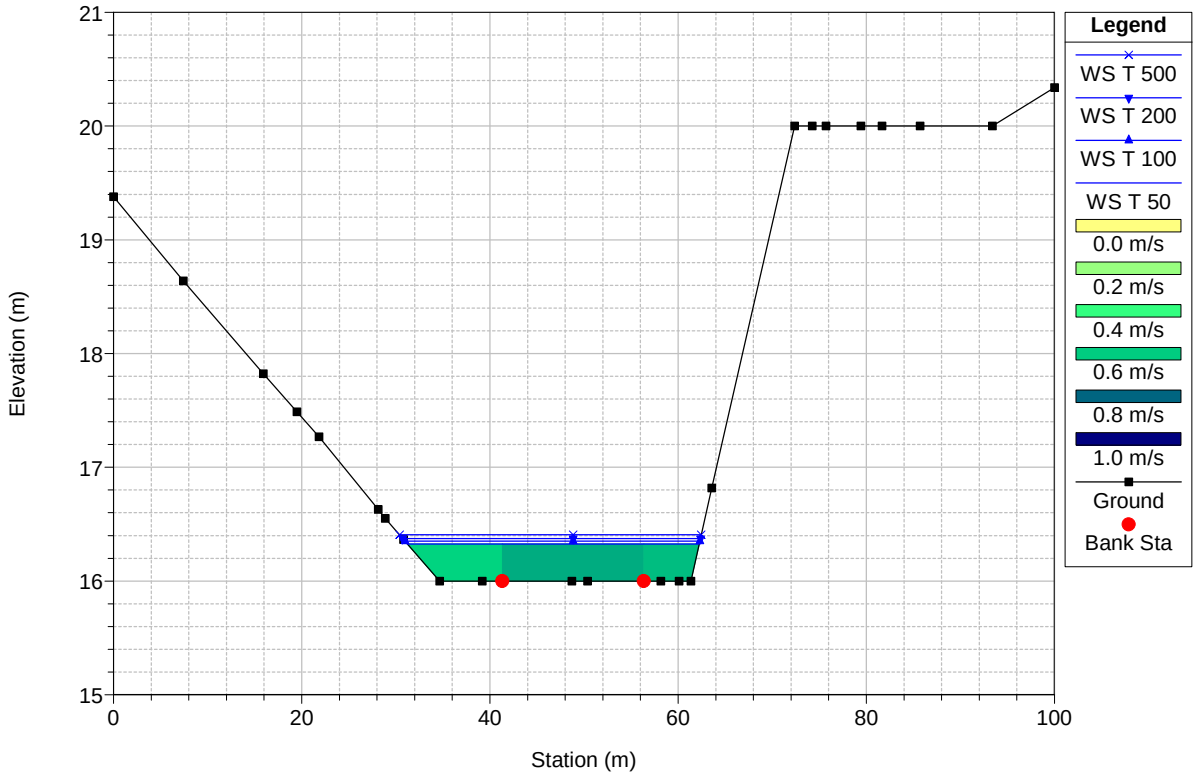
River = Baja Caddinas Reach = Rc sup RS = 680



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

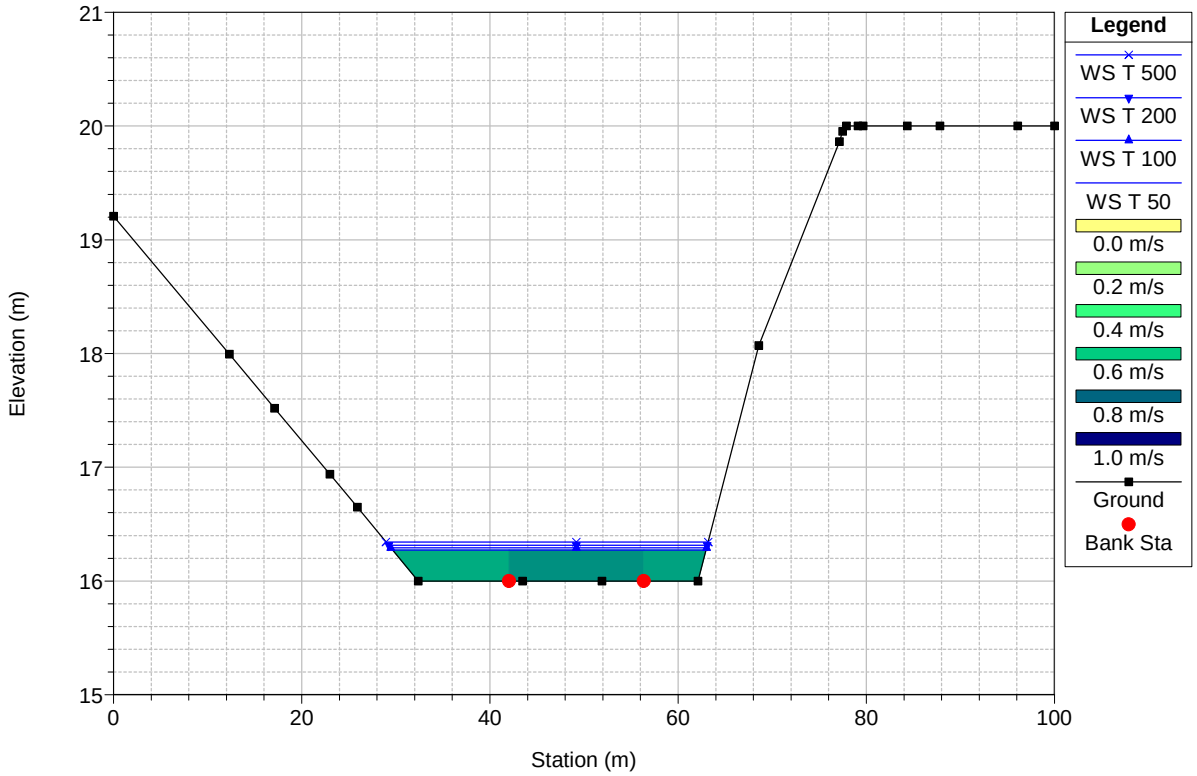
River = Baja Caddinas Reach = Rc sup RS = 670



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

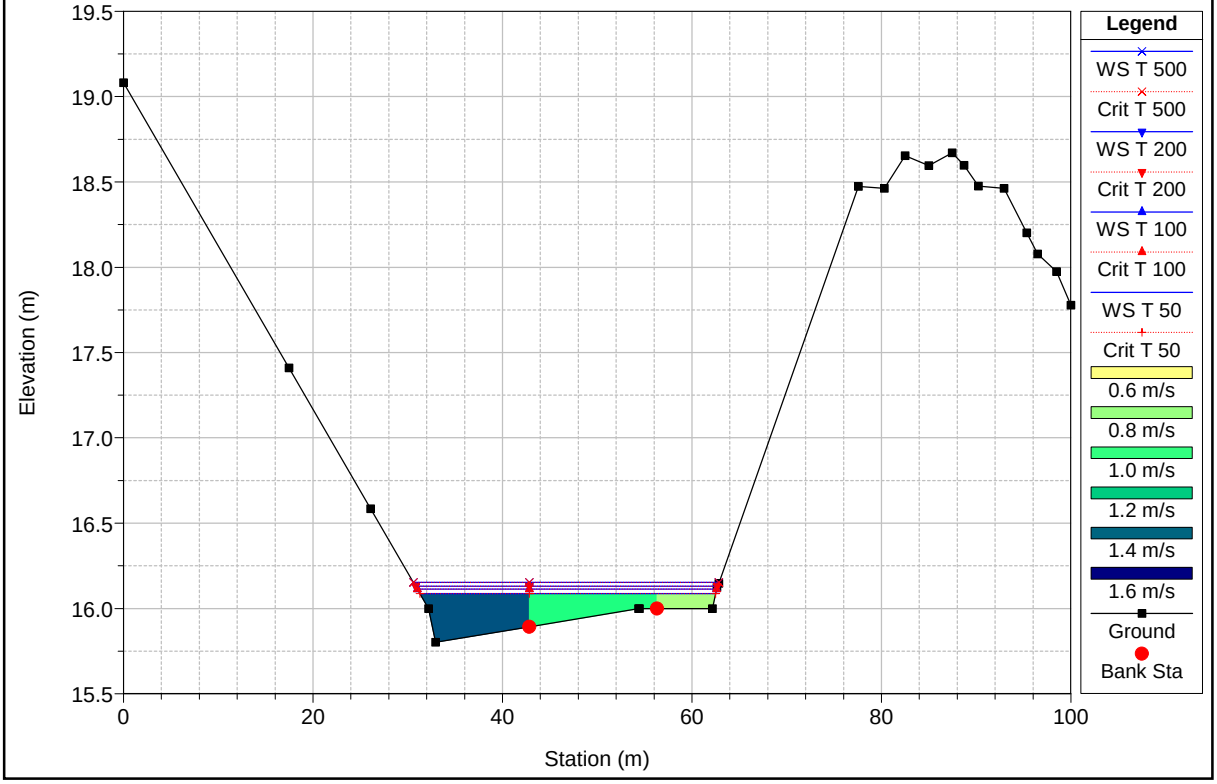
River = Baja Caddinas Reach = Rc sup RS = 660



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

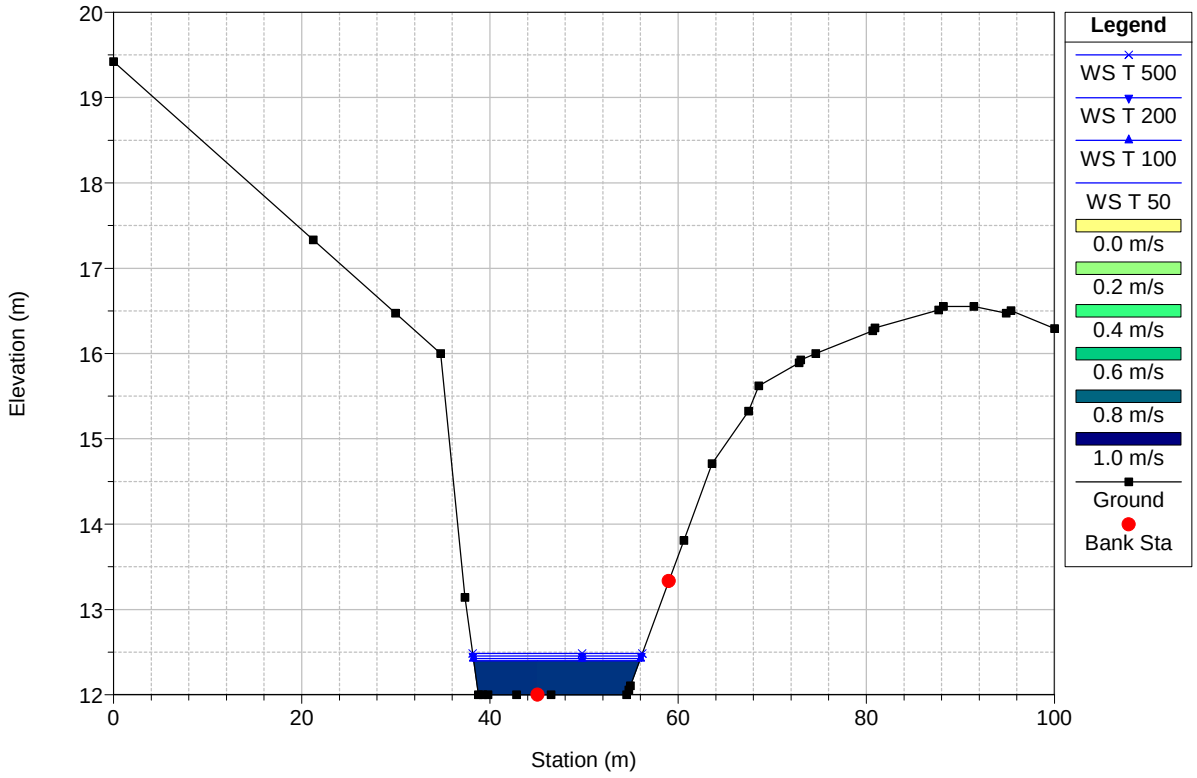
River = Baja Caddinas Reach = Rc sup RS = 650



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

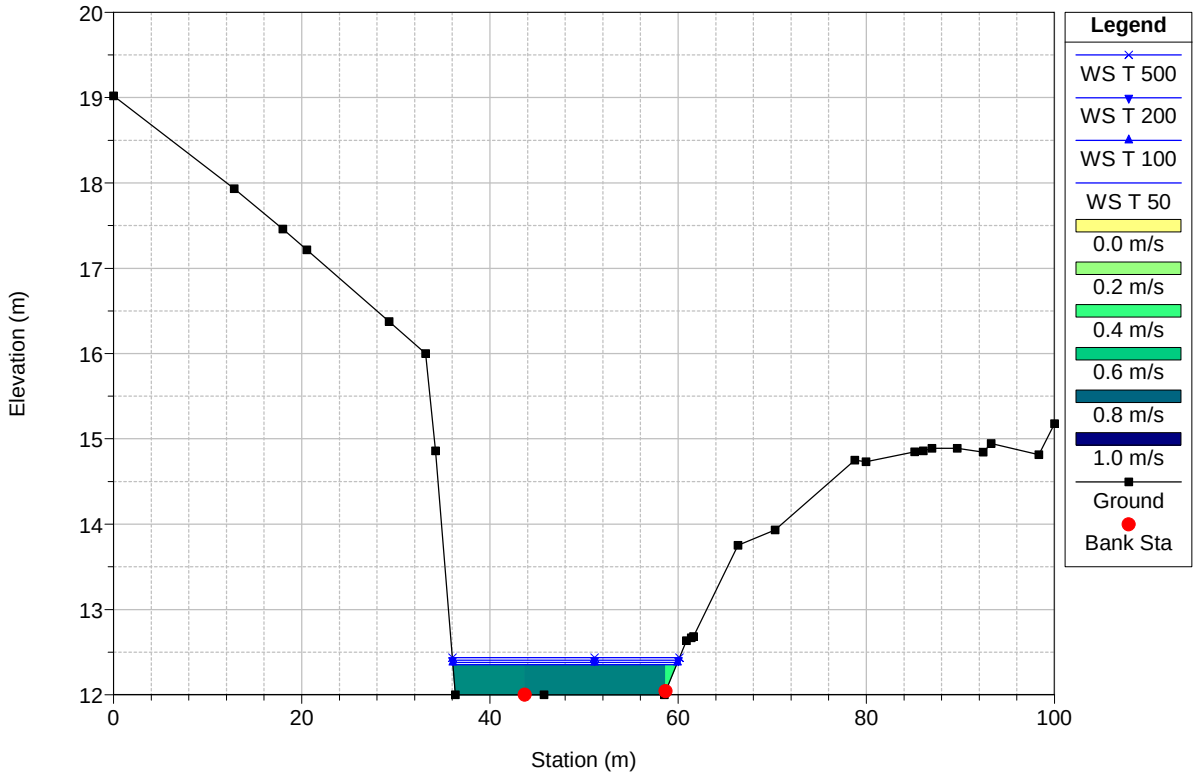
River = Baja Caddinas Reach = Rc sup RS = 630



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

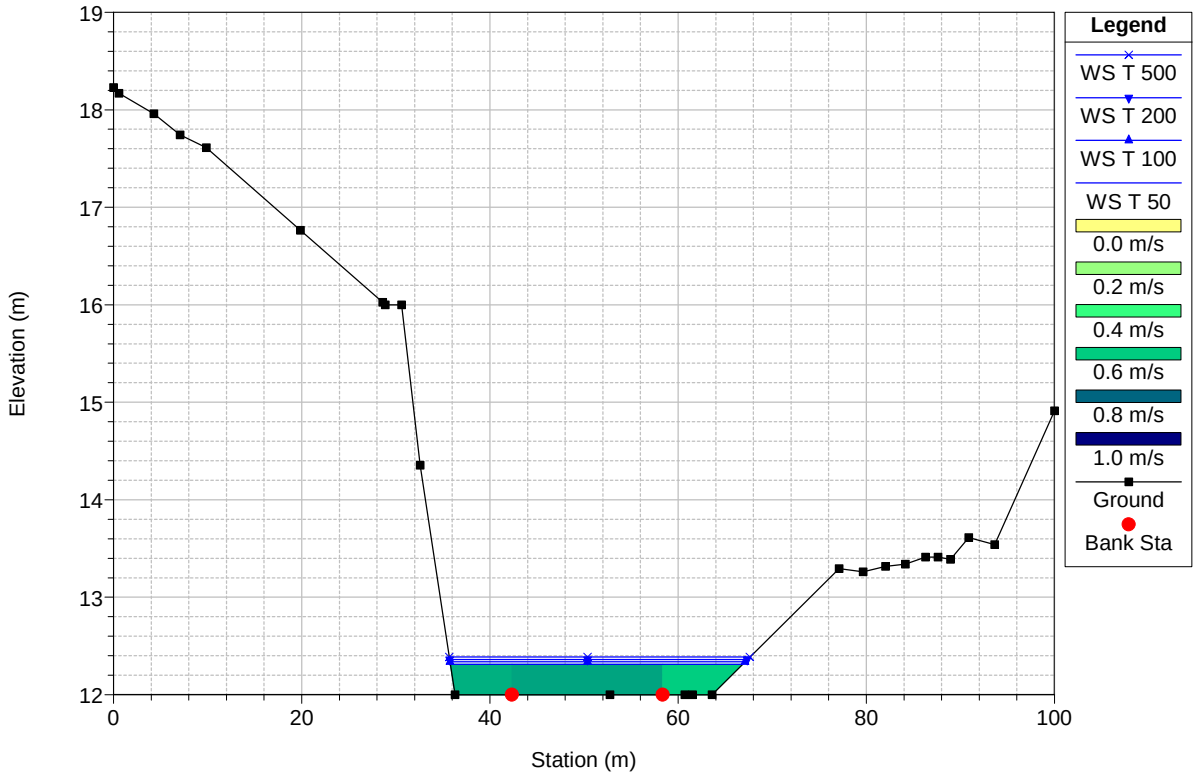
River = Baja Caddinas Reach = Rc sup RS = 620



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

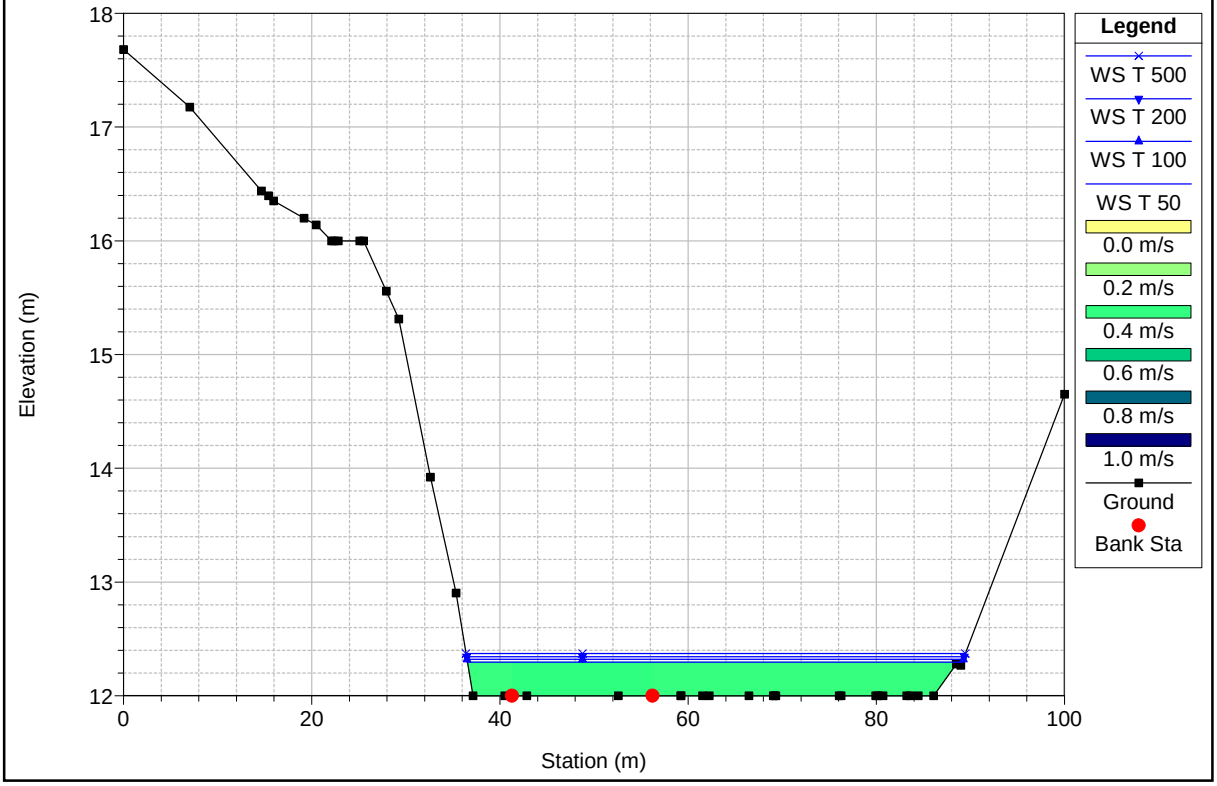
River = Baja Caddinas Reach = Rc sup RS = 610



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

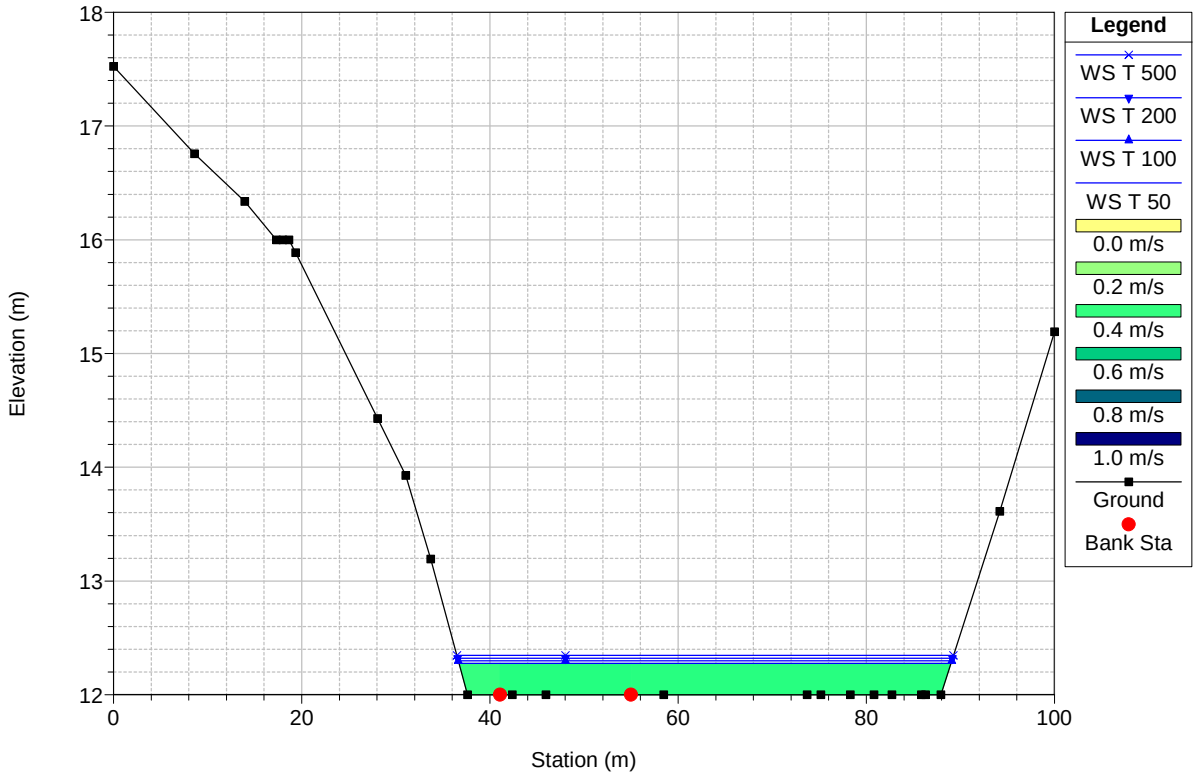
River = Baja Caddinas Reach = Rc sup RS = 600



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

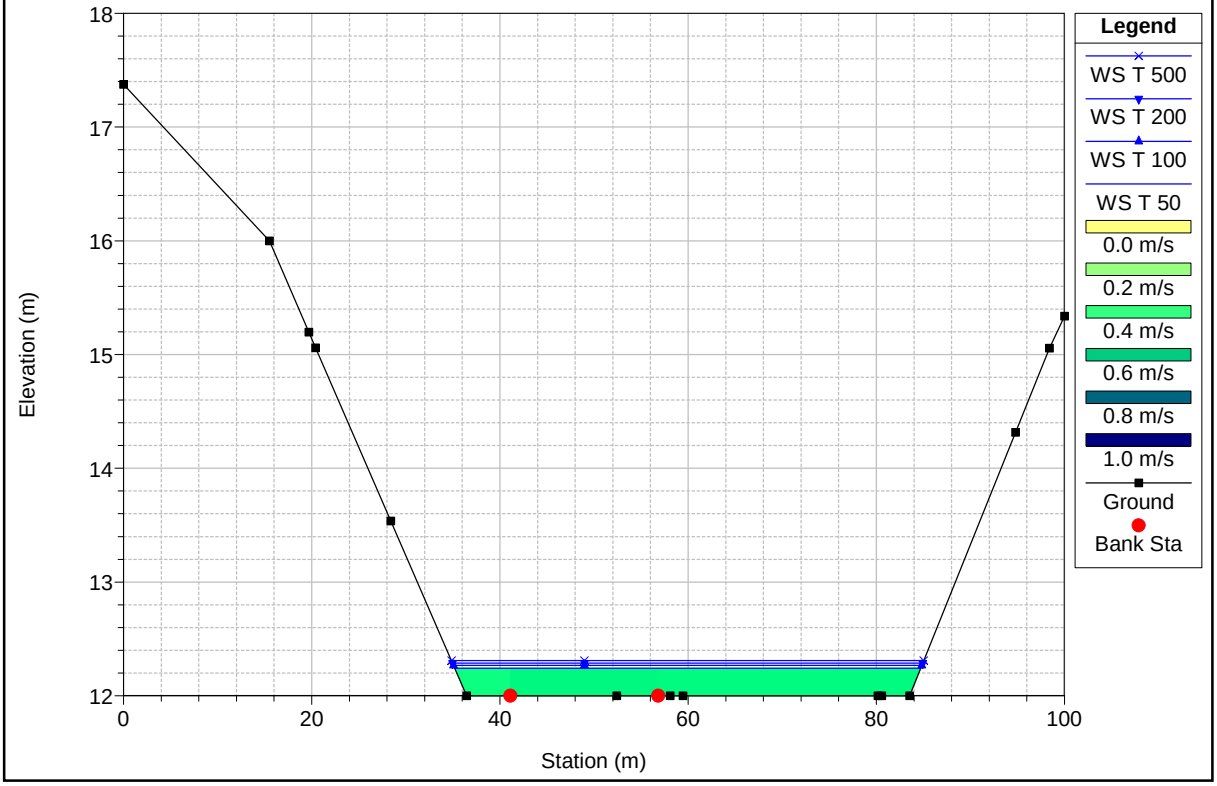
River = Baja Caddinas Reach = Rc sup RS = 590



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

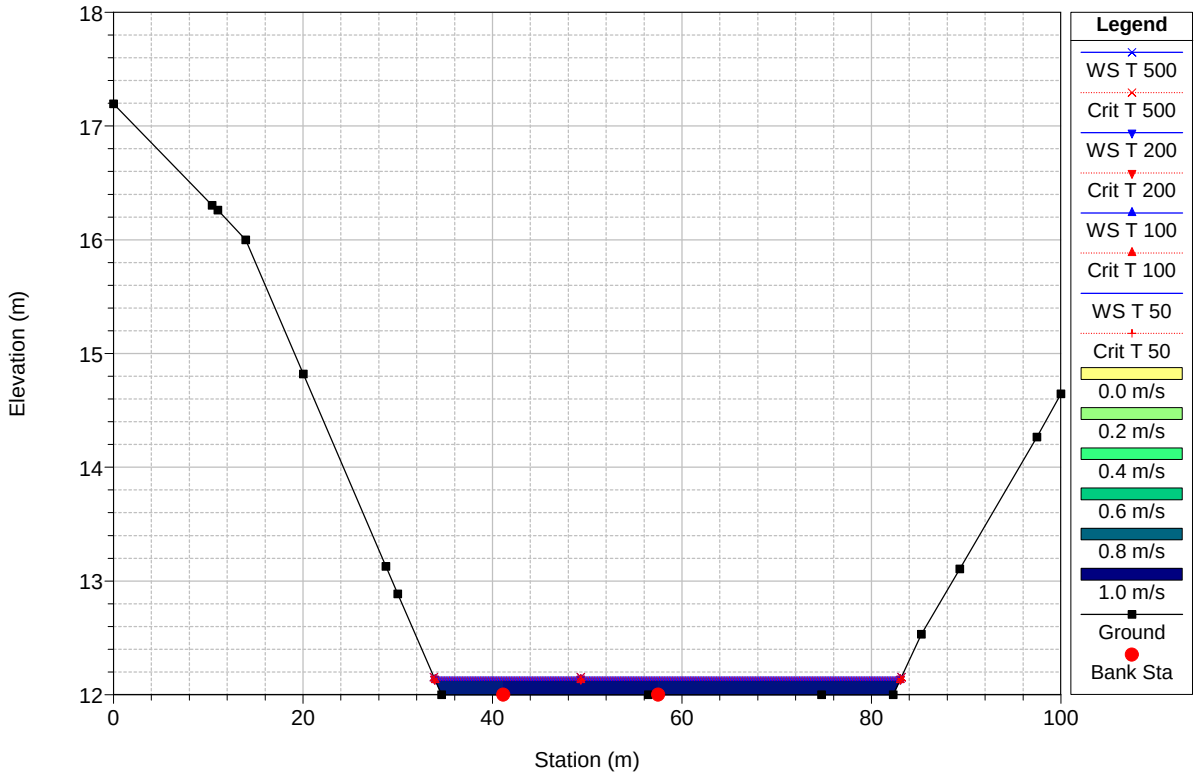
River = Baja Caddinas Reach = Rc sup RS = 580



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

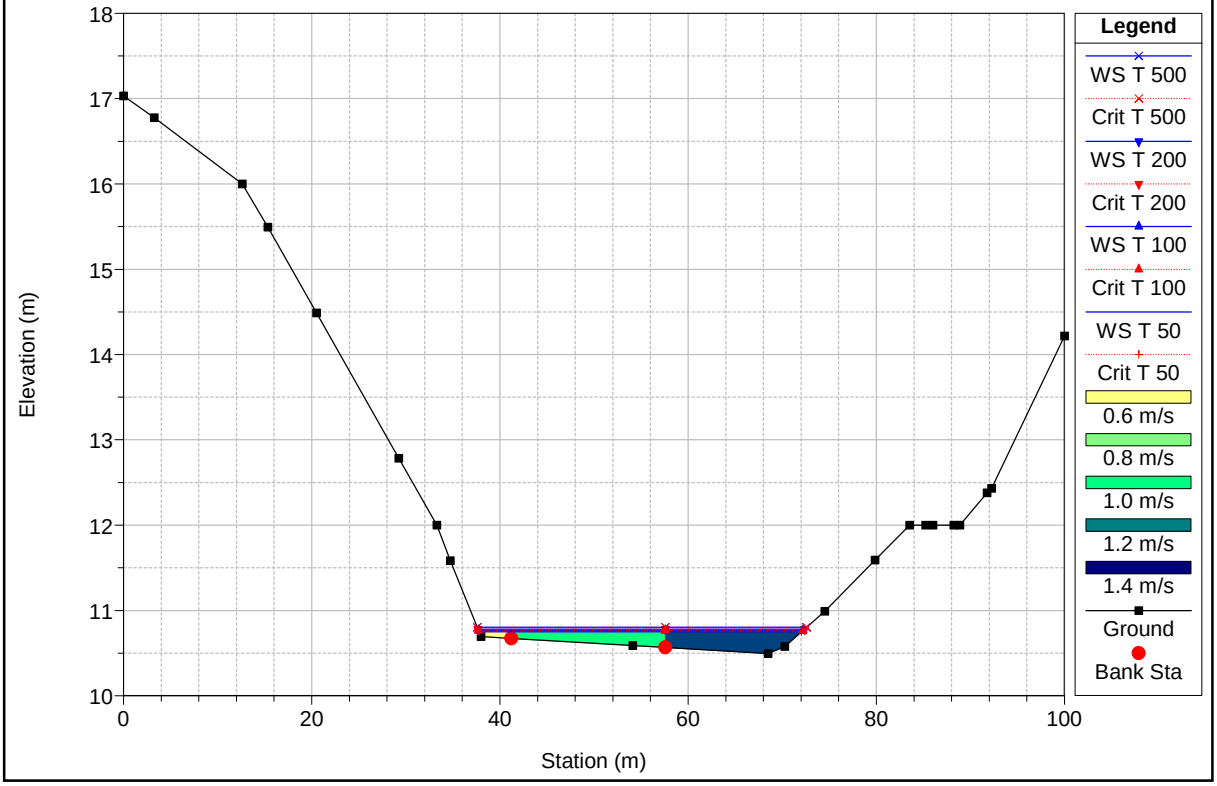
River = Baja Caddinas Reach = Rc sup RS = 570



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

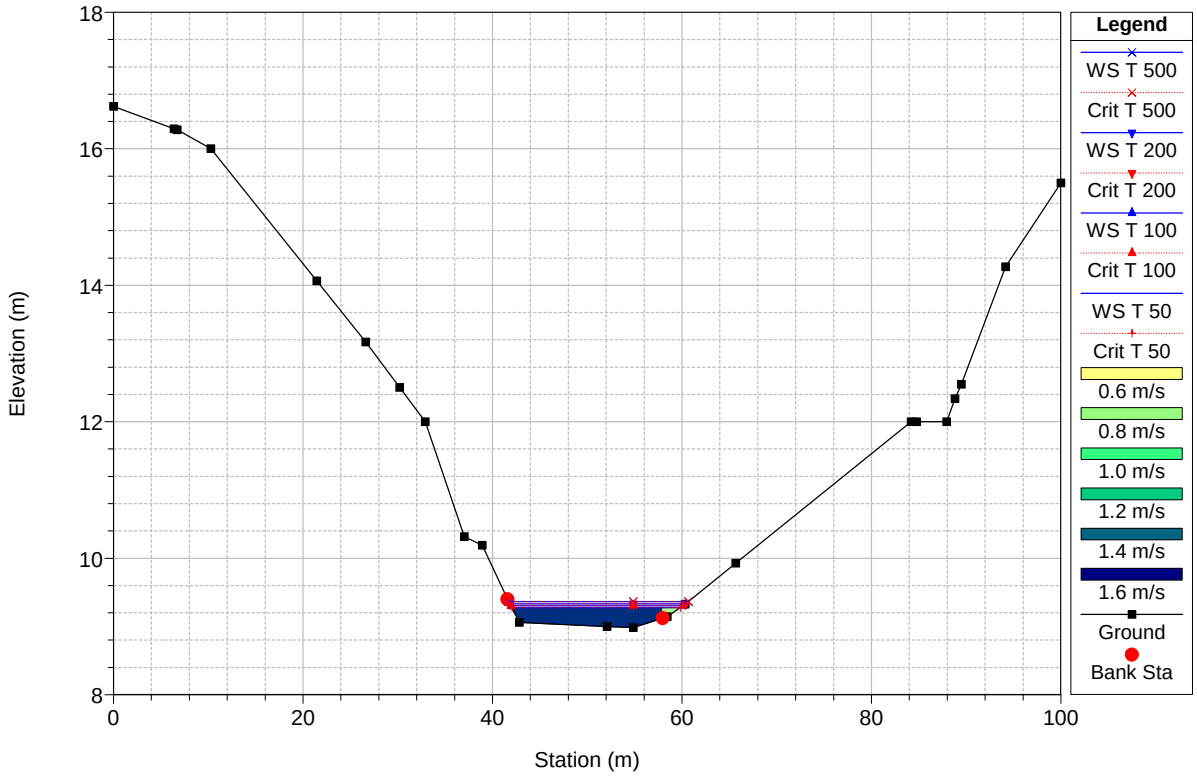
River = Baja Caddinas Reach = Rc sup RS = 560



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

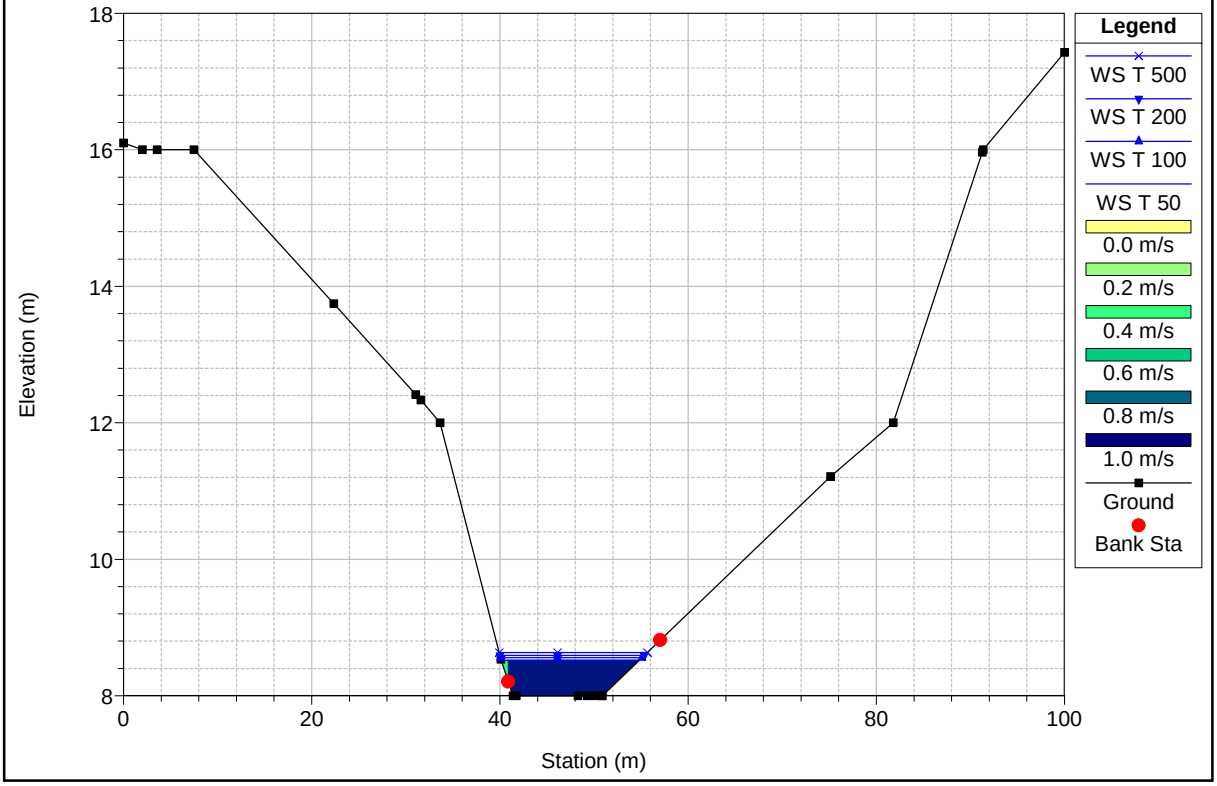
River = Baja Caddinas Reach = Rc sup RS = 550



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

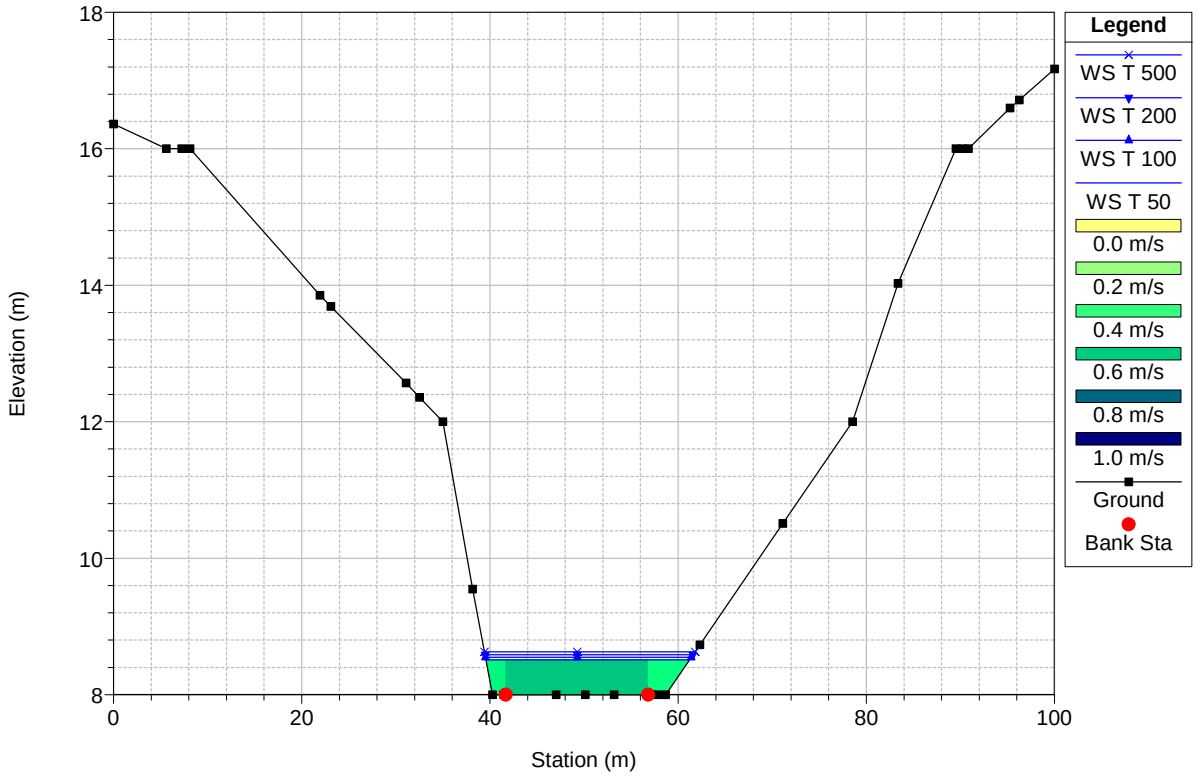
River = Baja Caddinas Reach = Rc sup RS = 540



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

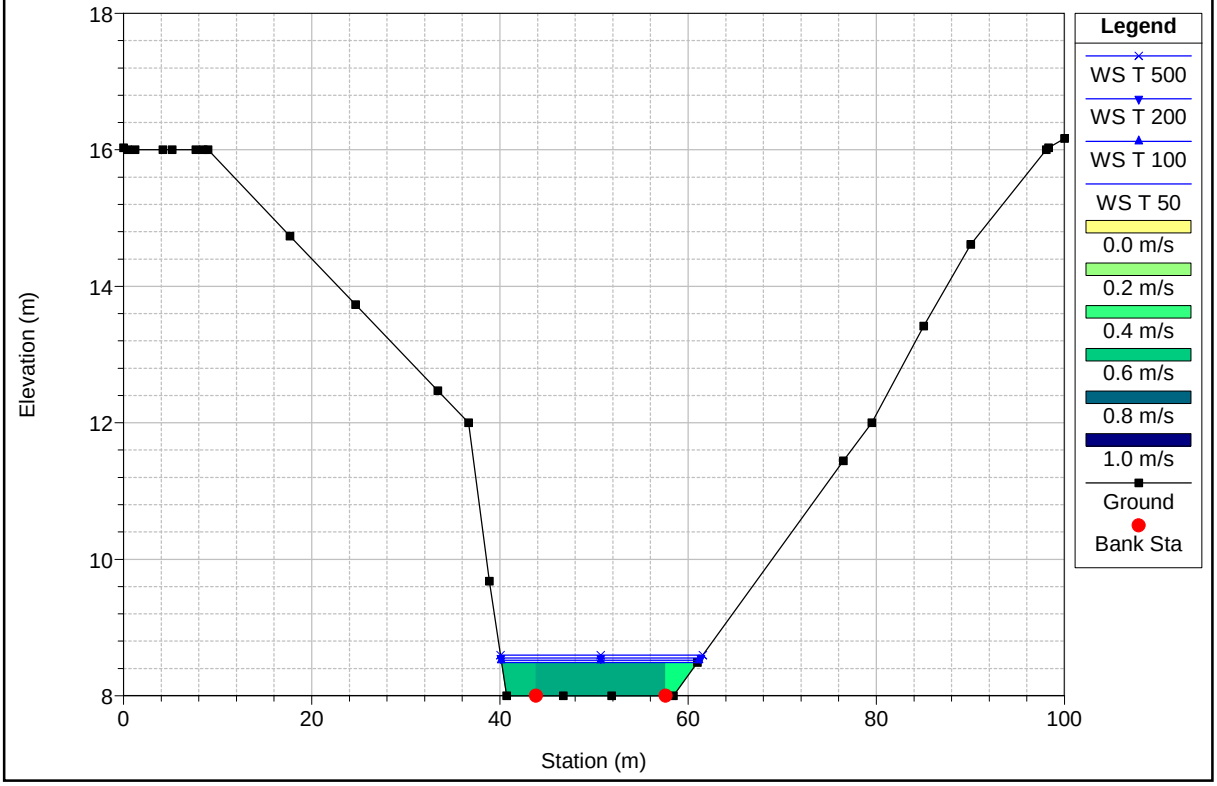
River = Baja Caddinas Reach = Rc sup RS = 530



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

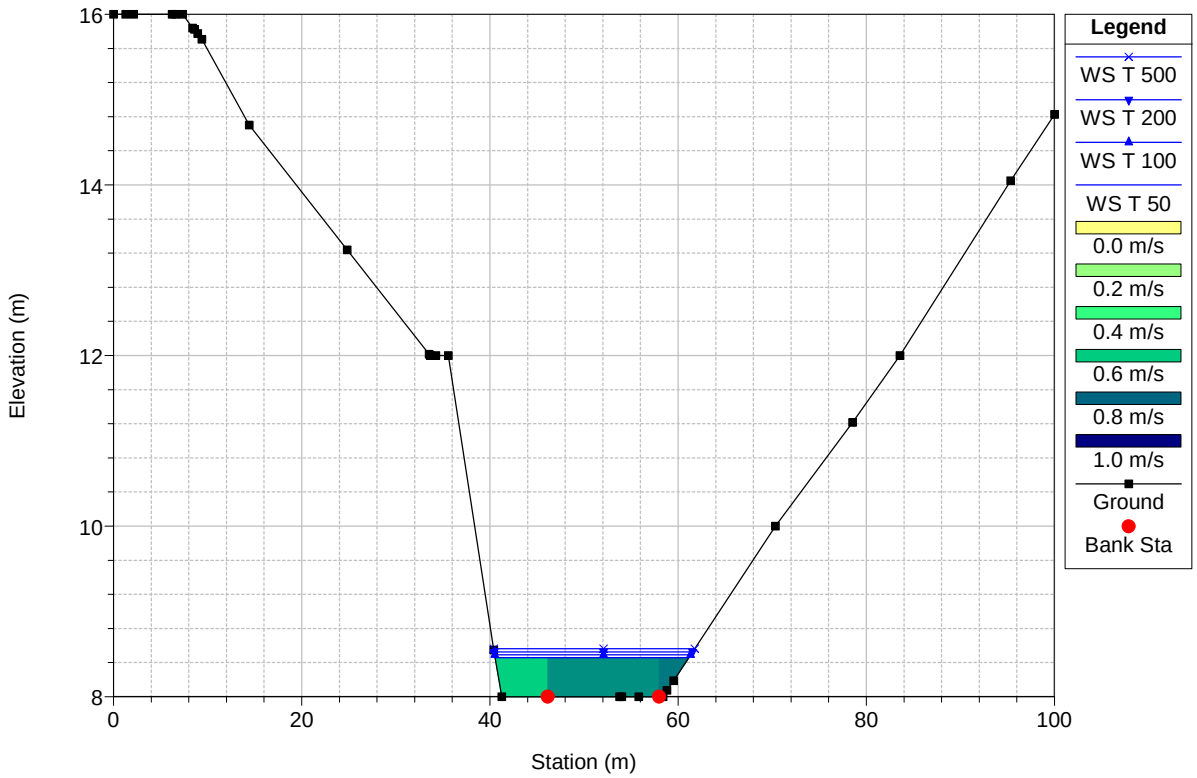
River = Baja Caddinas Reach = Rc sup RS = 520



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

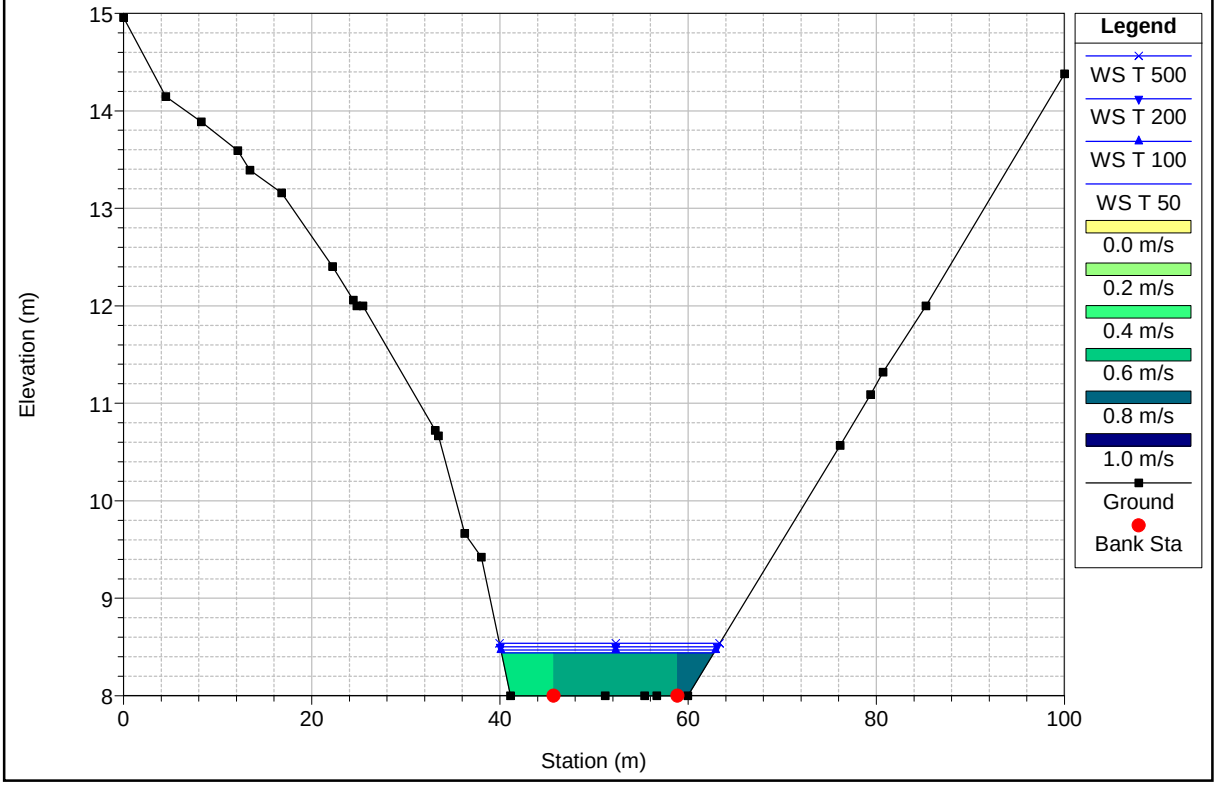
River = Baja Caddinas Reach = Rc sup RS = 510



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

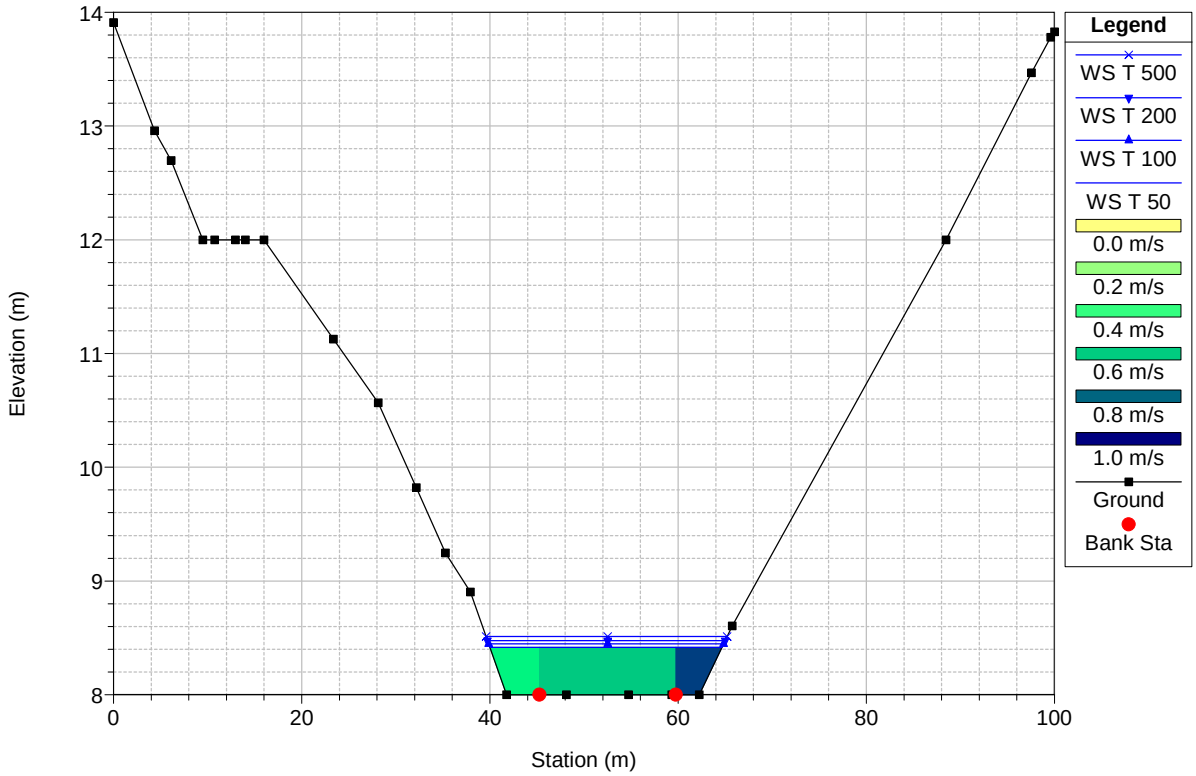
River = Baja Caddinas Reach = Rc sup RS = 500



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

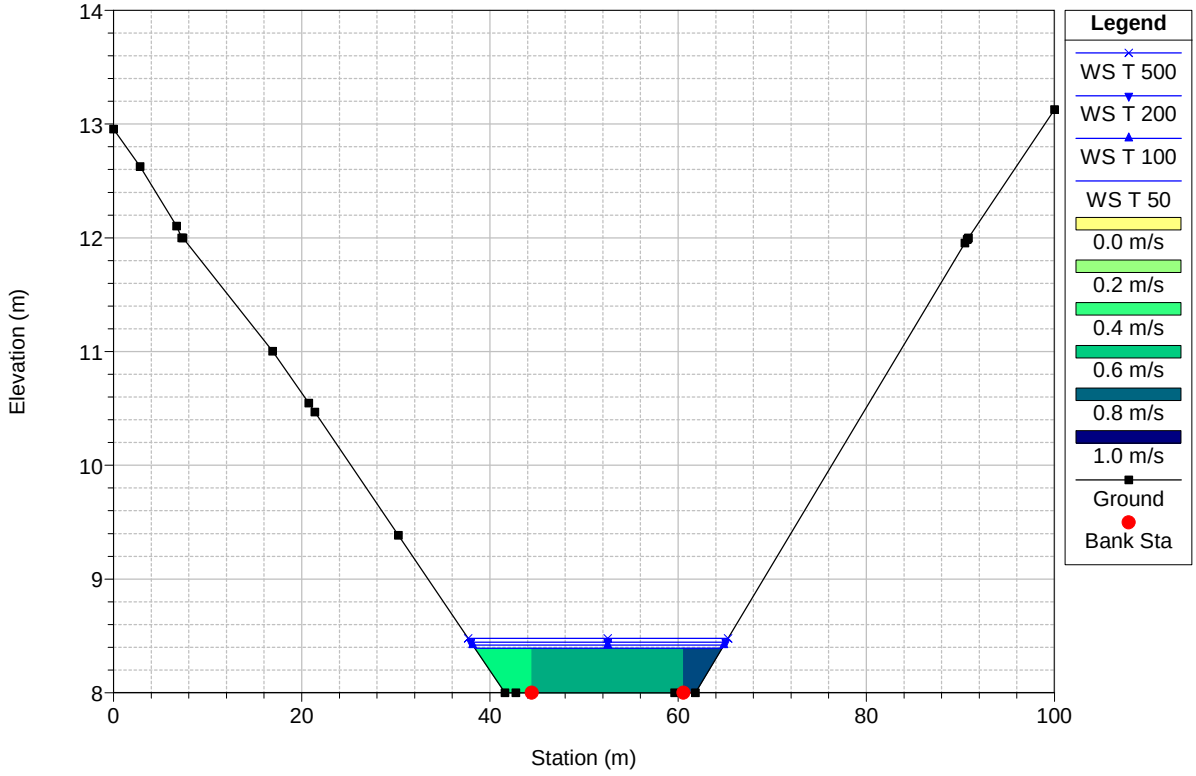
River = Baja Caddinas Reach = Rc sup RS = 490



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

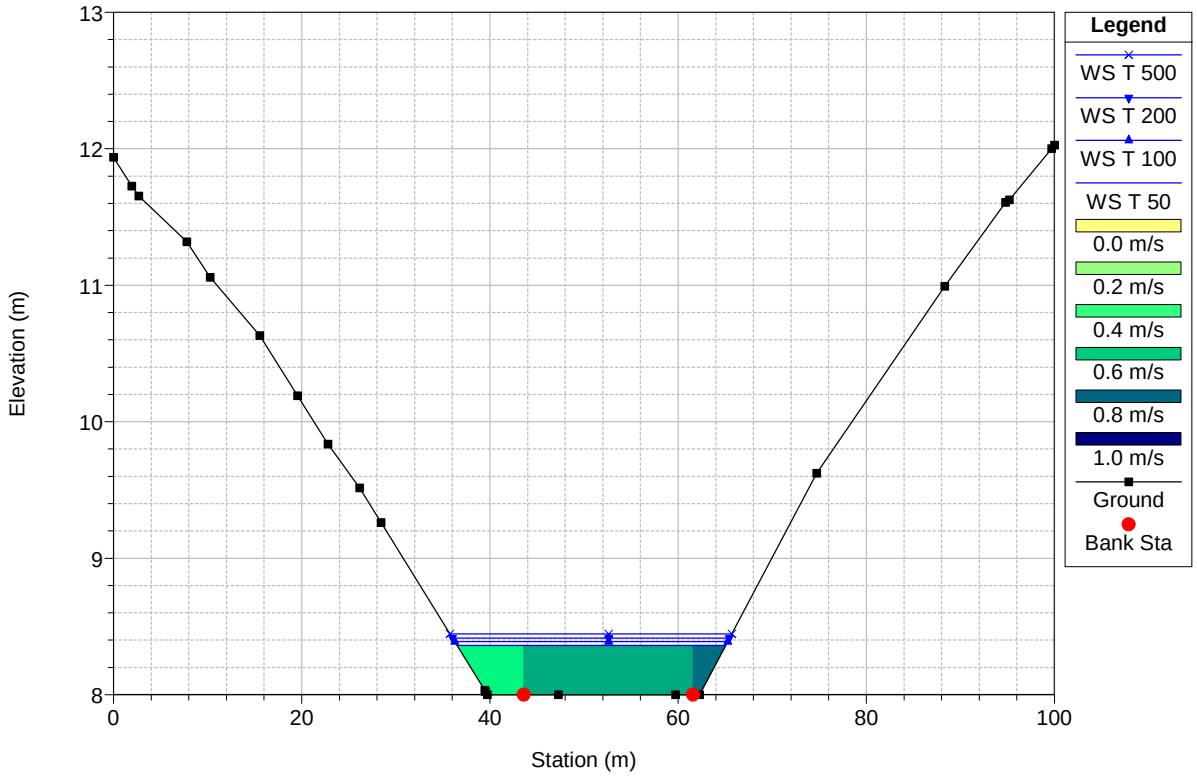
River = Baja Caddinas Reach = Rc sup RS = 480



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

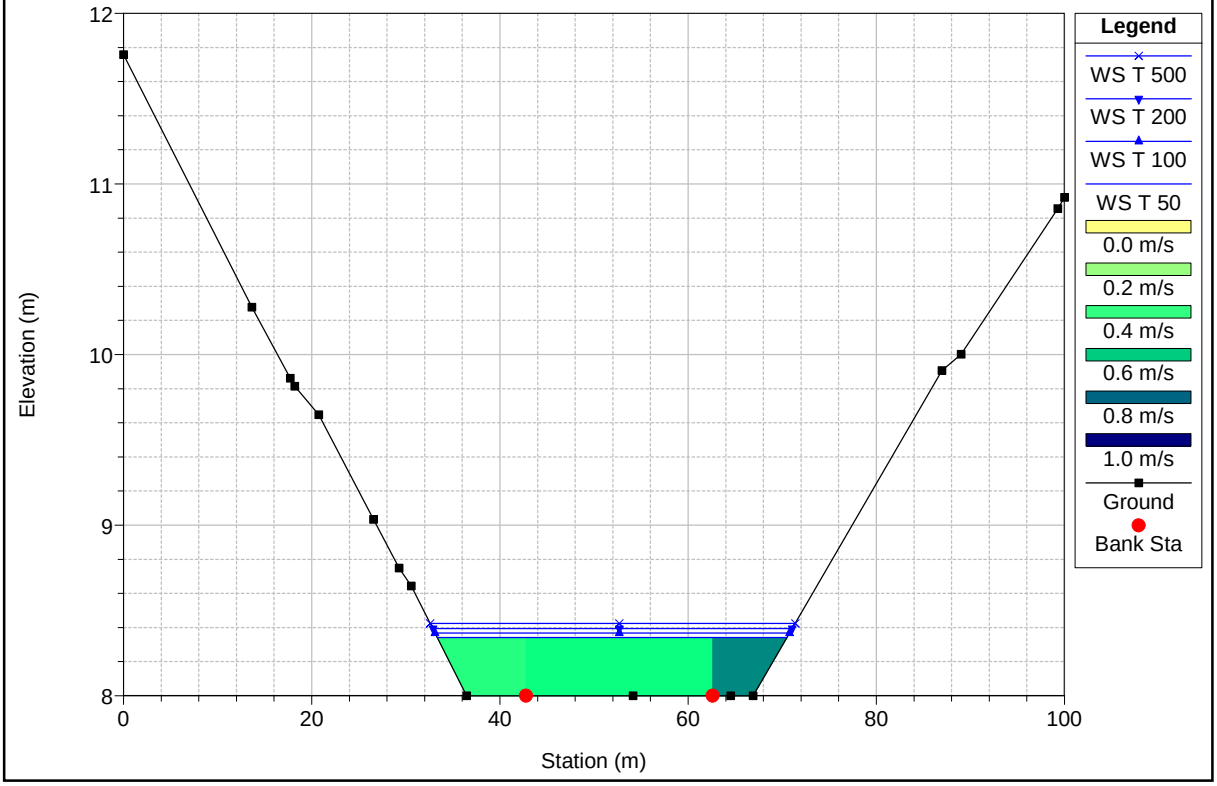
River = Baja Caddinas Reach = Rc sup RS = 470



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

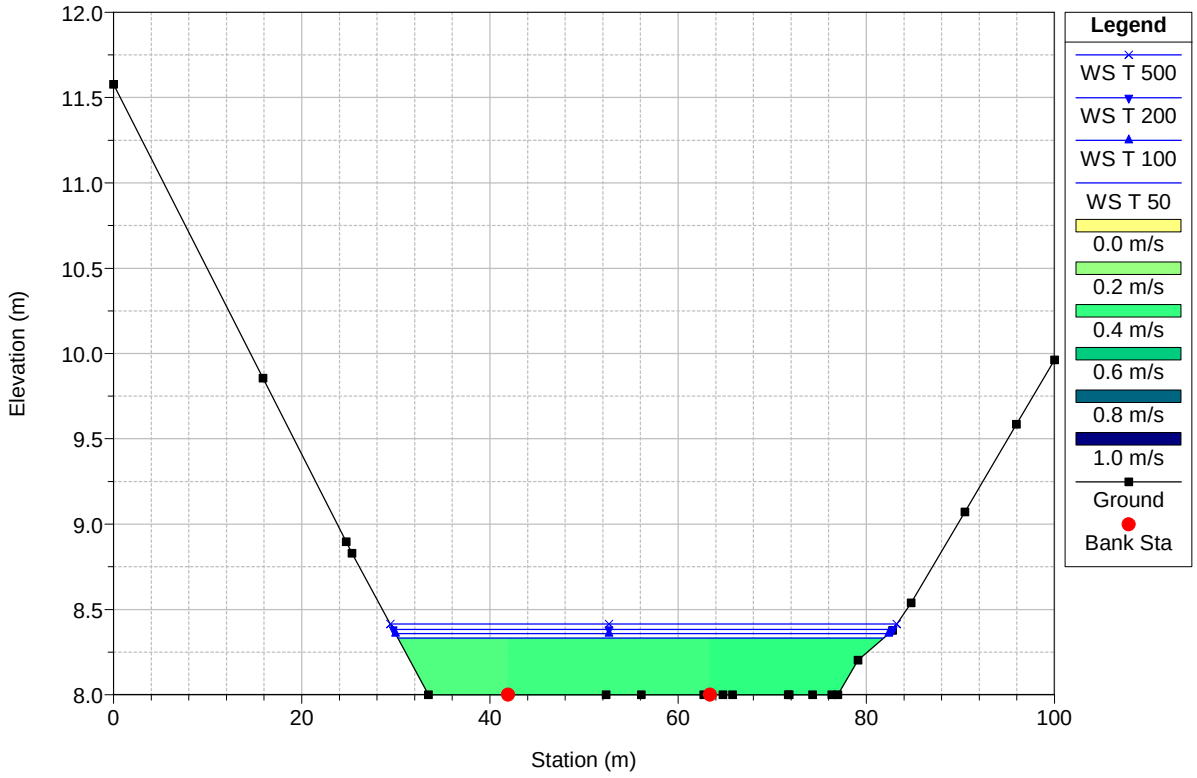
River = Baja Caddinas Reach = Rc sup RS = 460



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

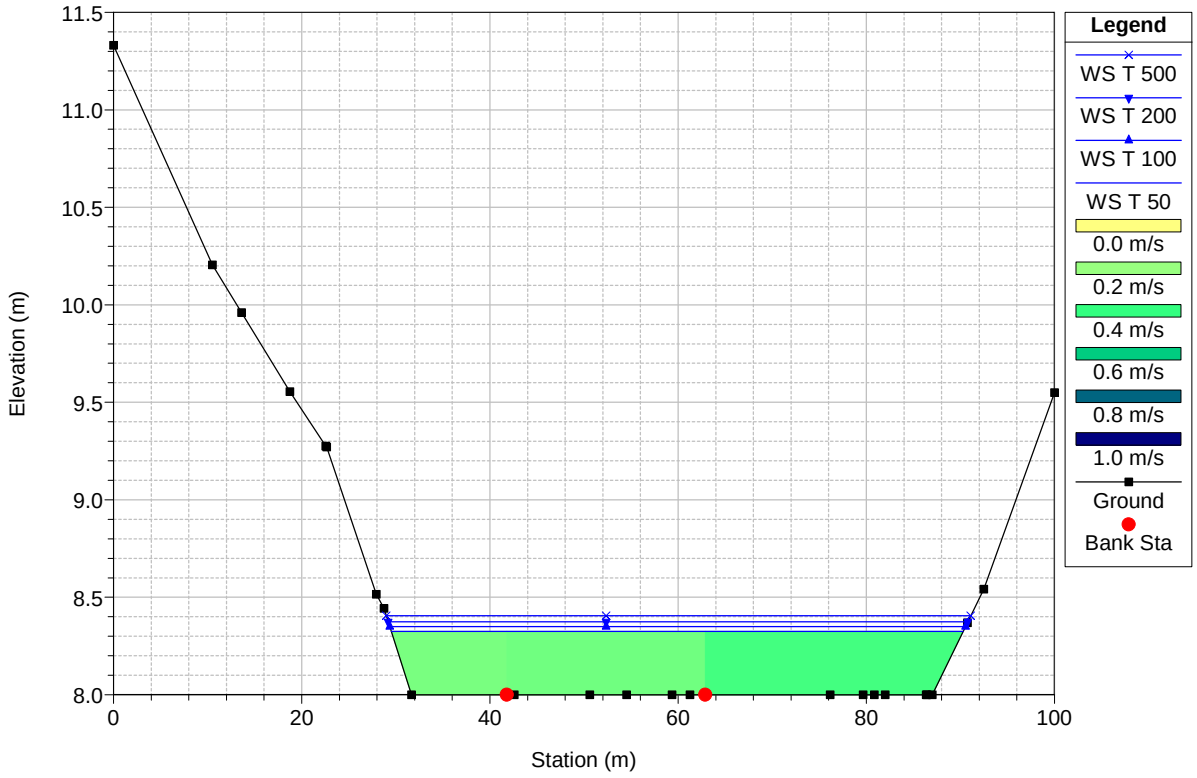
River = Baja Caddinas Reach = Rc sup RS = 450



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

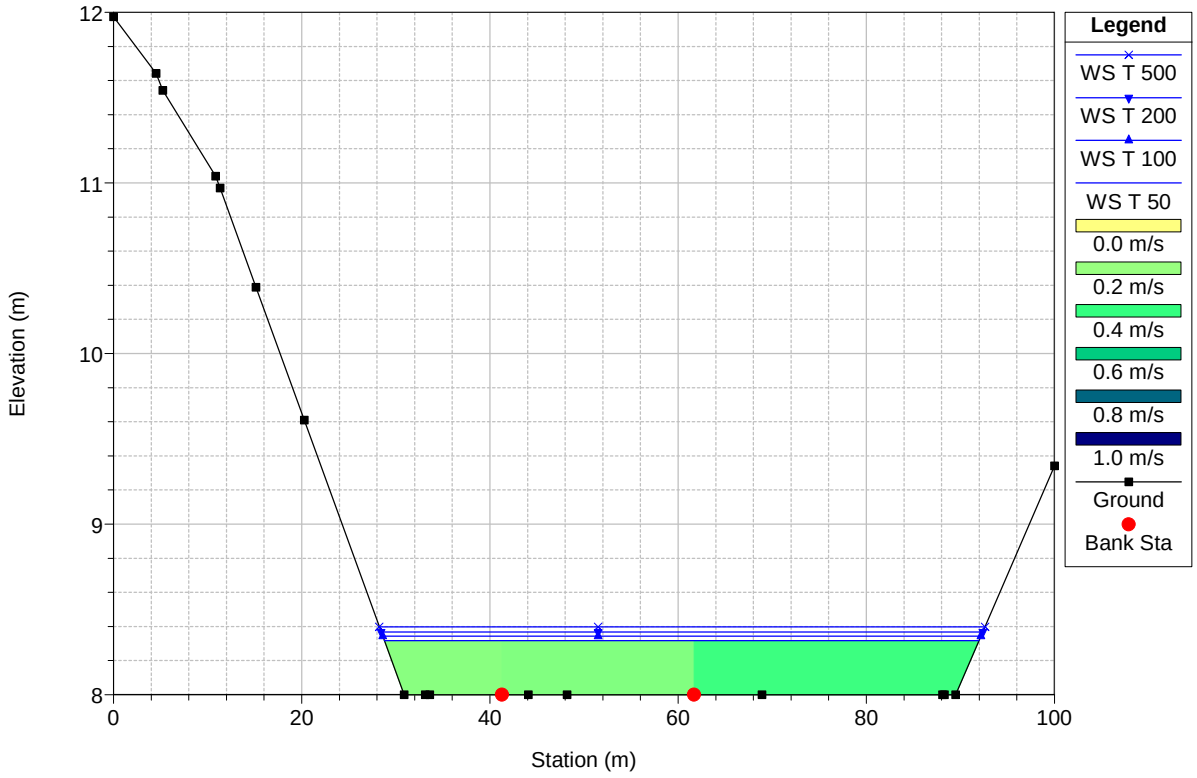
River = Baja Caddinas Reach = Rc sup RS = 440



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

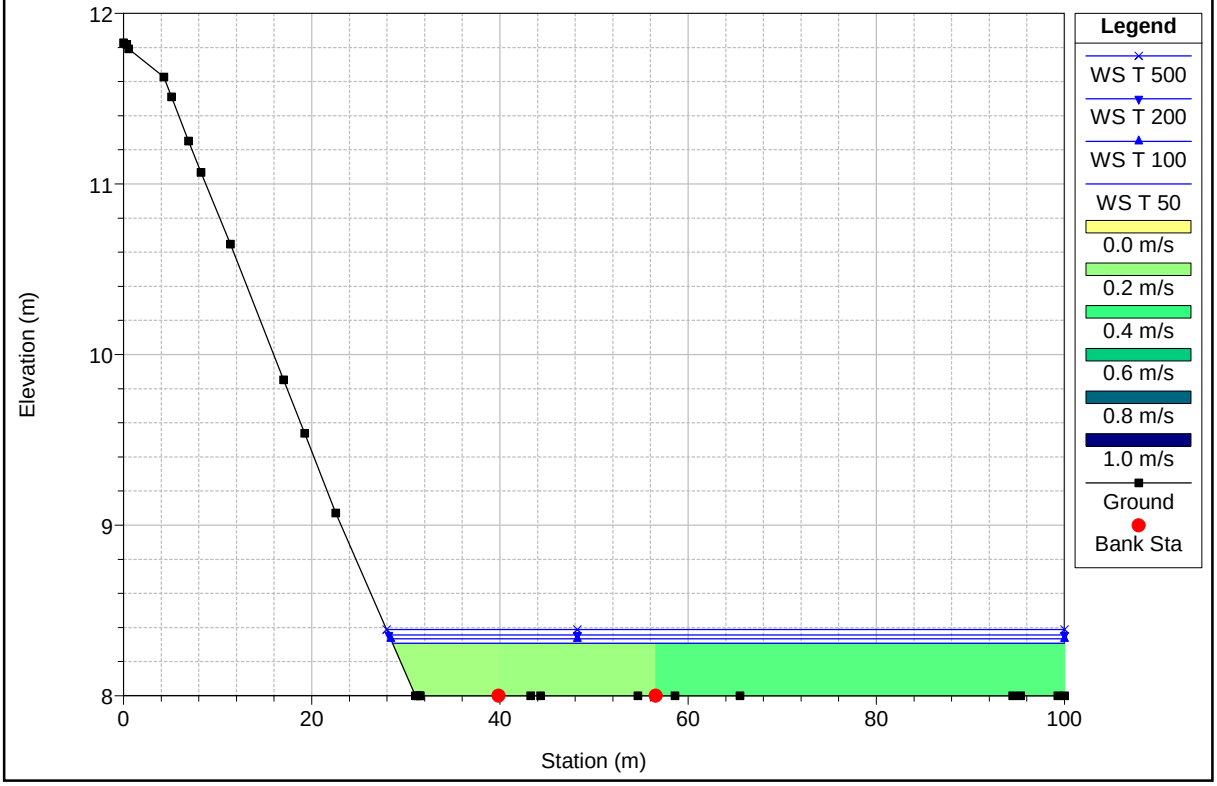
River = Baja Caddinas Reach = Rc sup RS = 430



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

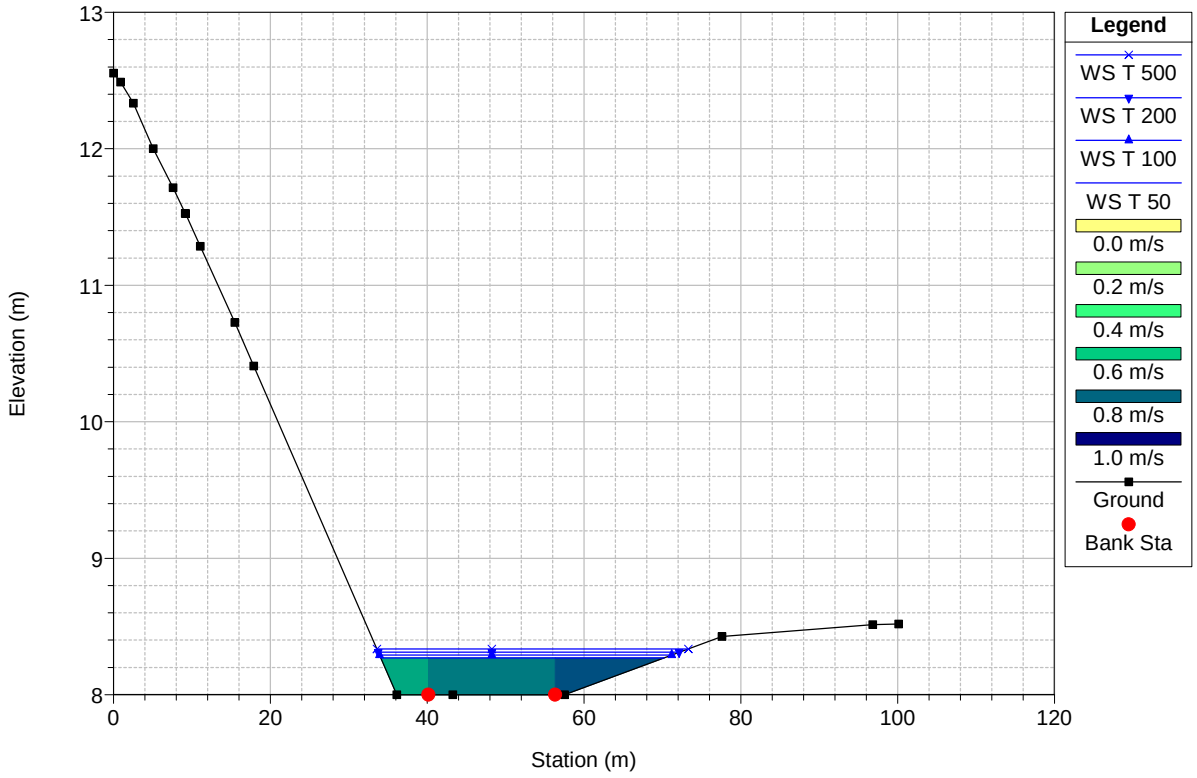
River = Baja Caddinas Reach = Rc sup RS = 410



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

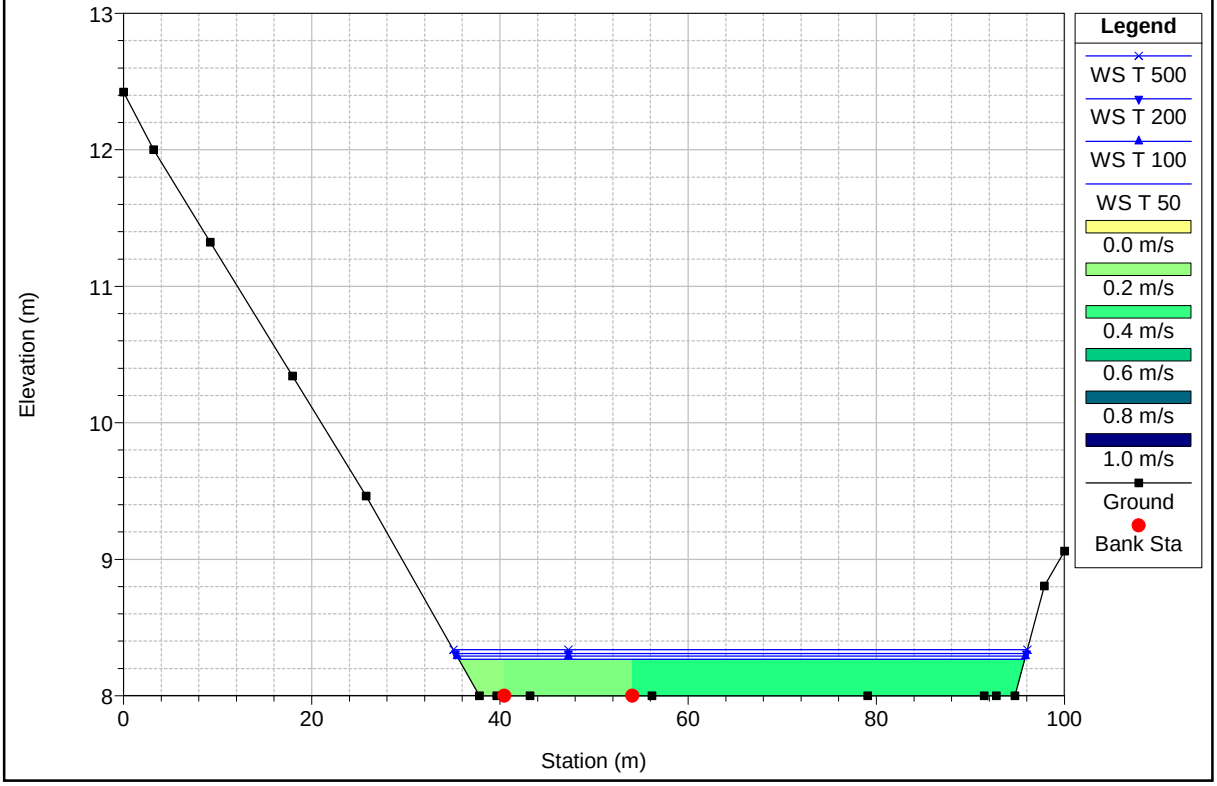
River = Baja Caddinas Reach = Rc sup RS = 400



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

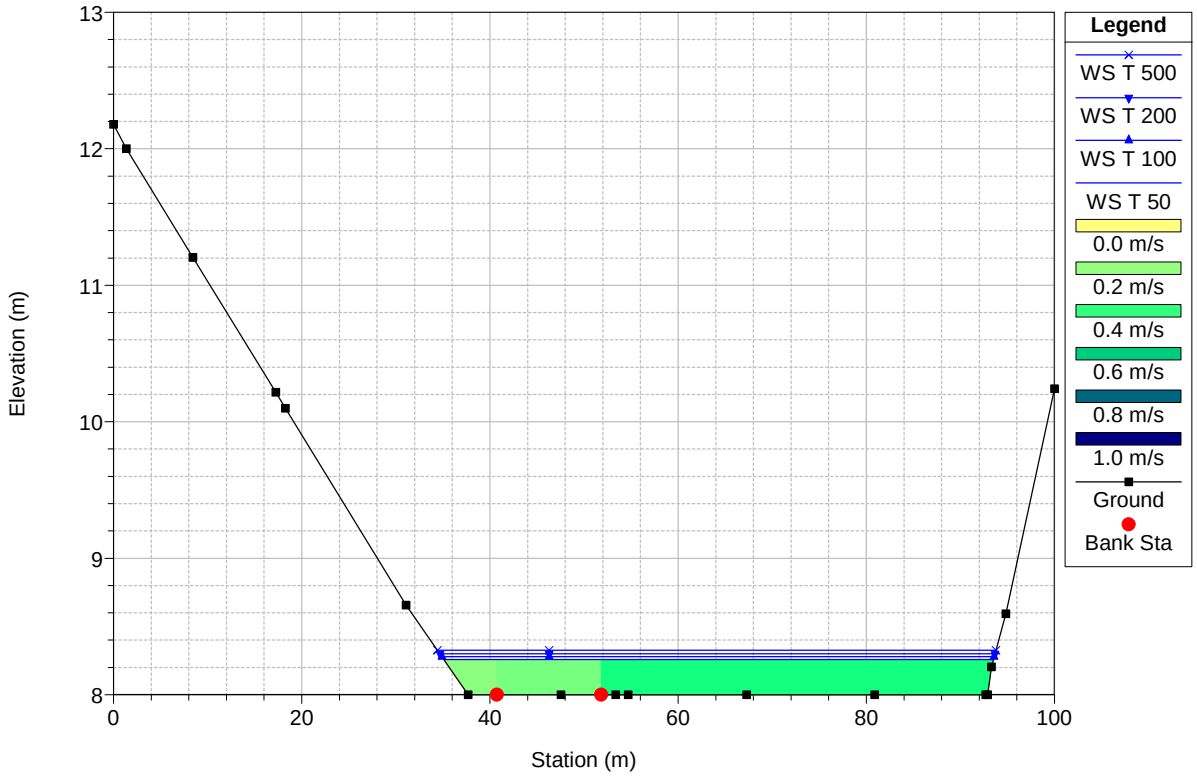
River = Baja Caddinas Reach = Rc sup RS = 390



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

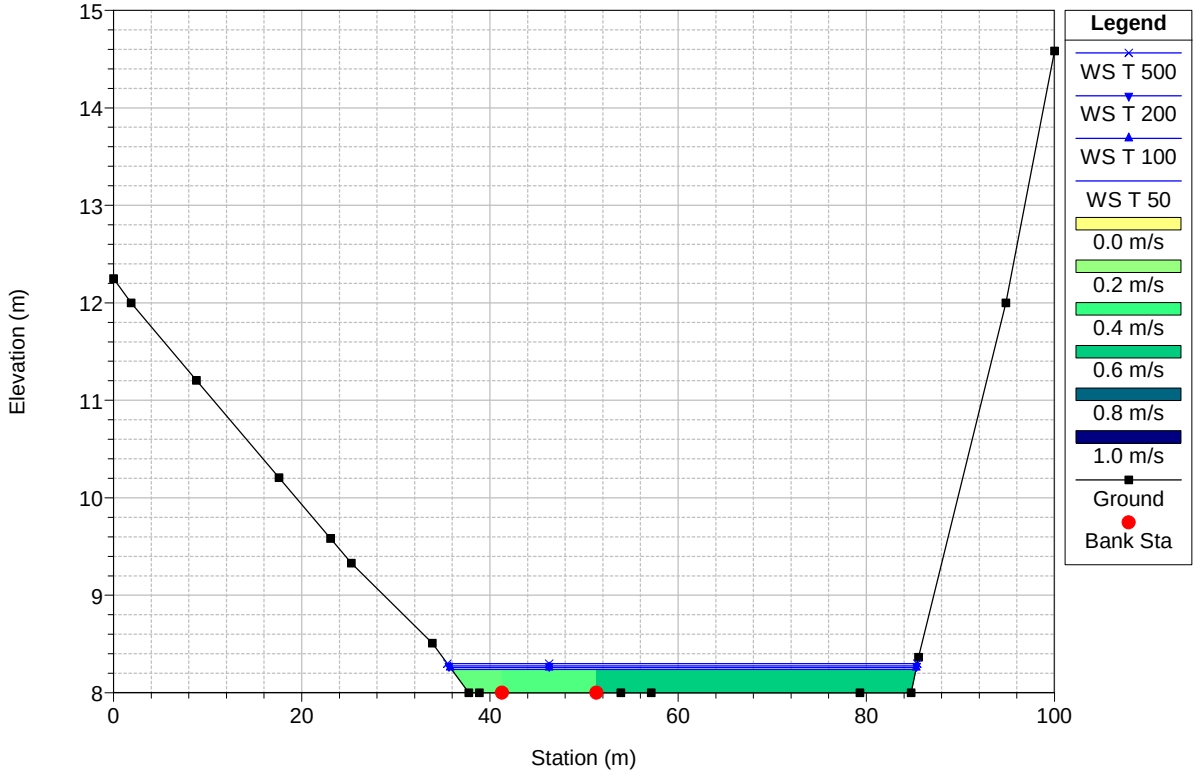
River = Baja Caddinas Reach = Rc sup RS = 380



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

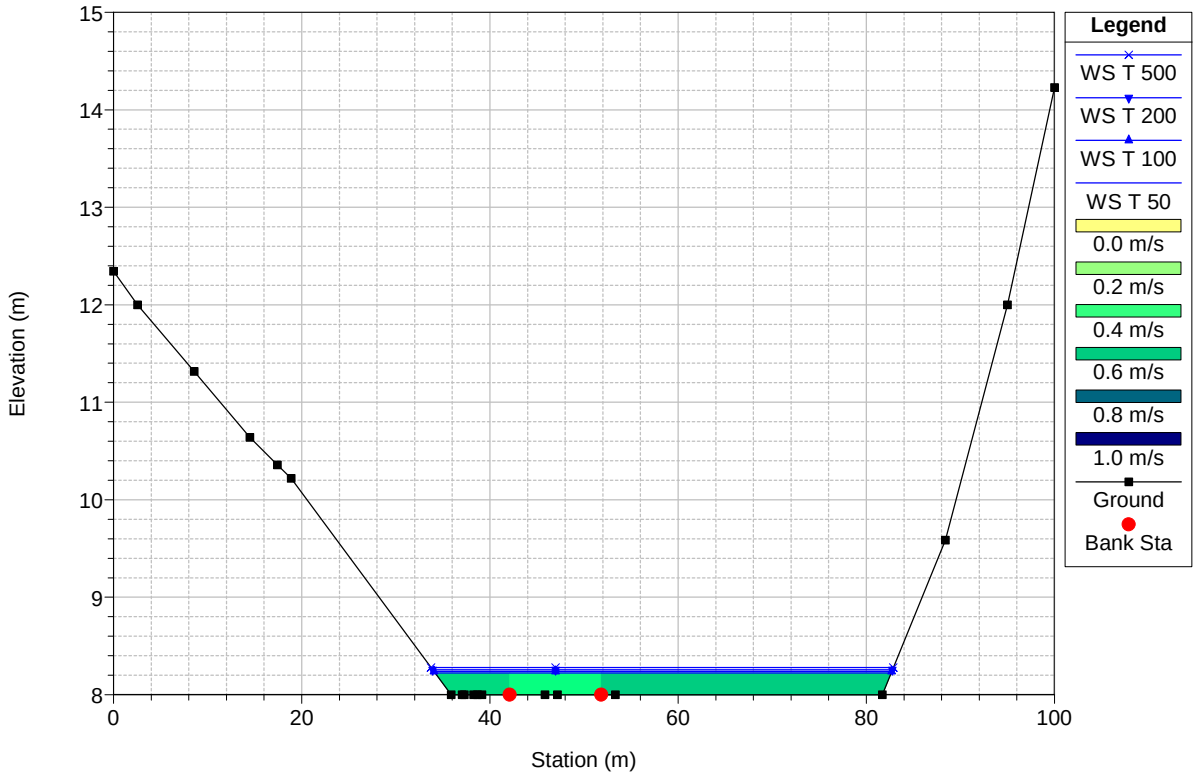
River = Baja Caddinas Reach = Rc sup RS = 370



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

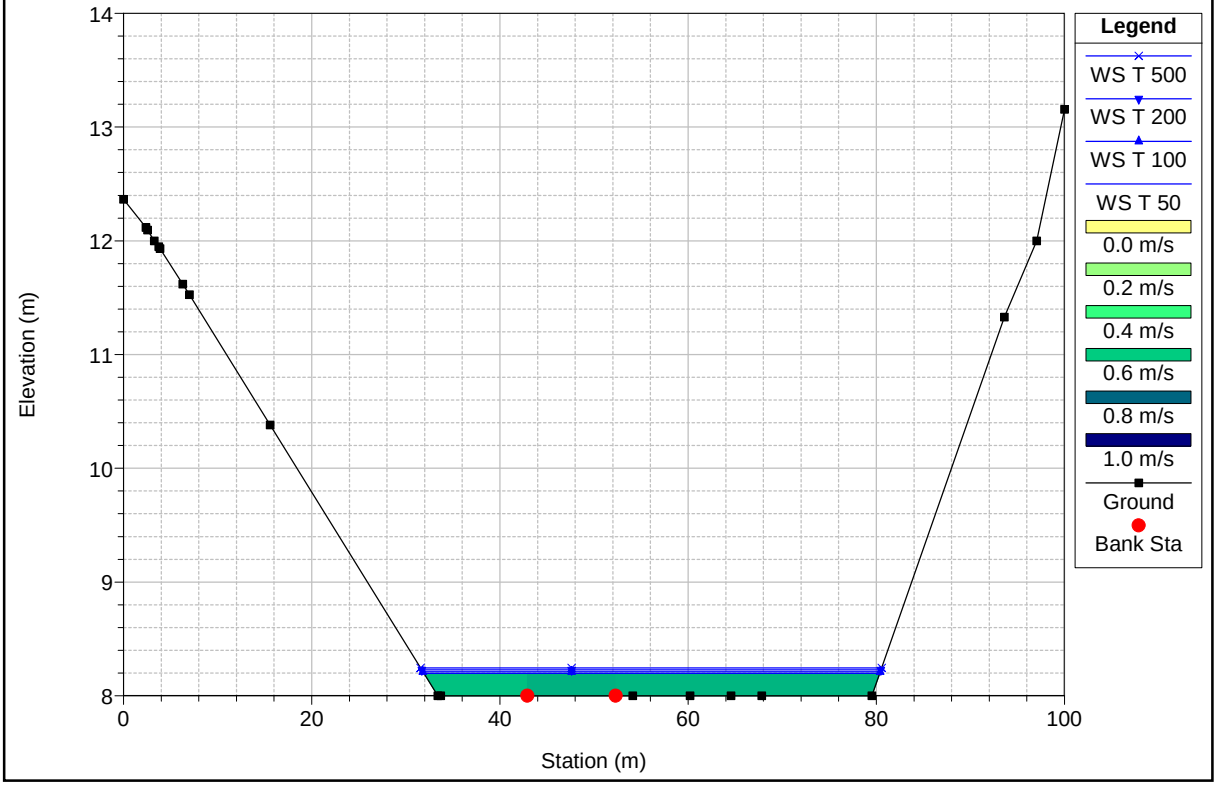
River = Baja Caddinas Reach = Rc sup RS = 360



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

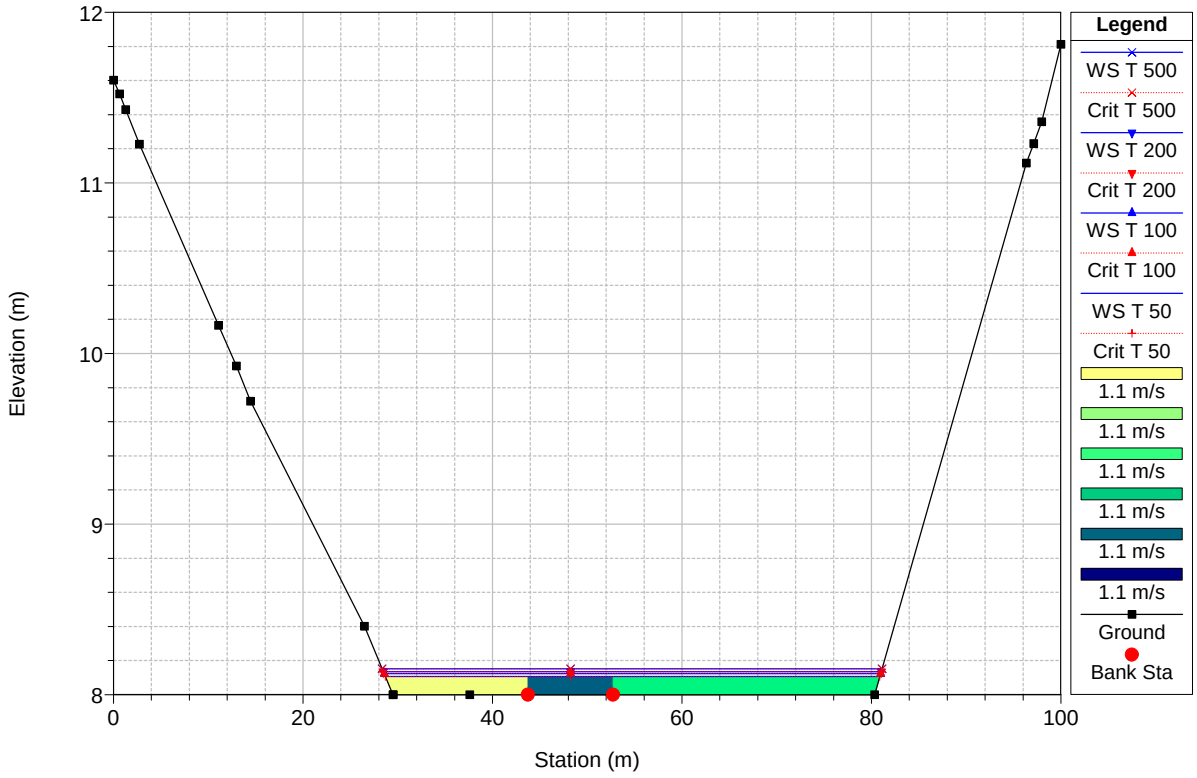
River = Baja Caddinas Reach = Rc sup RS = 350



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

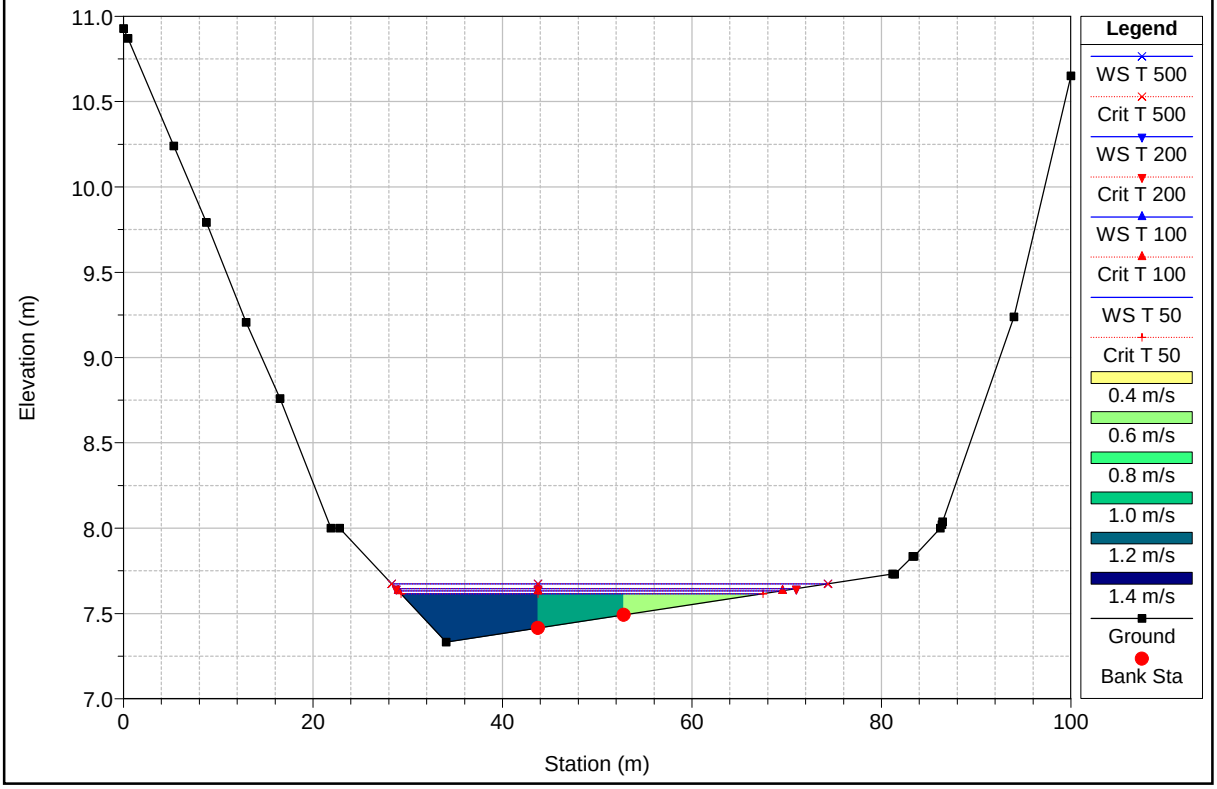
River = Baja Caddinas Reach = Rc sup RS = 340



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

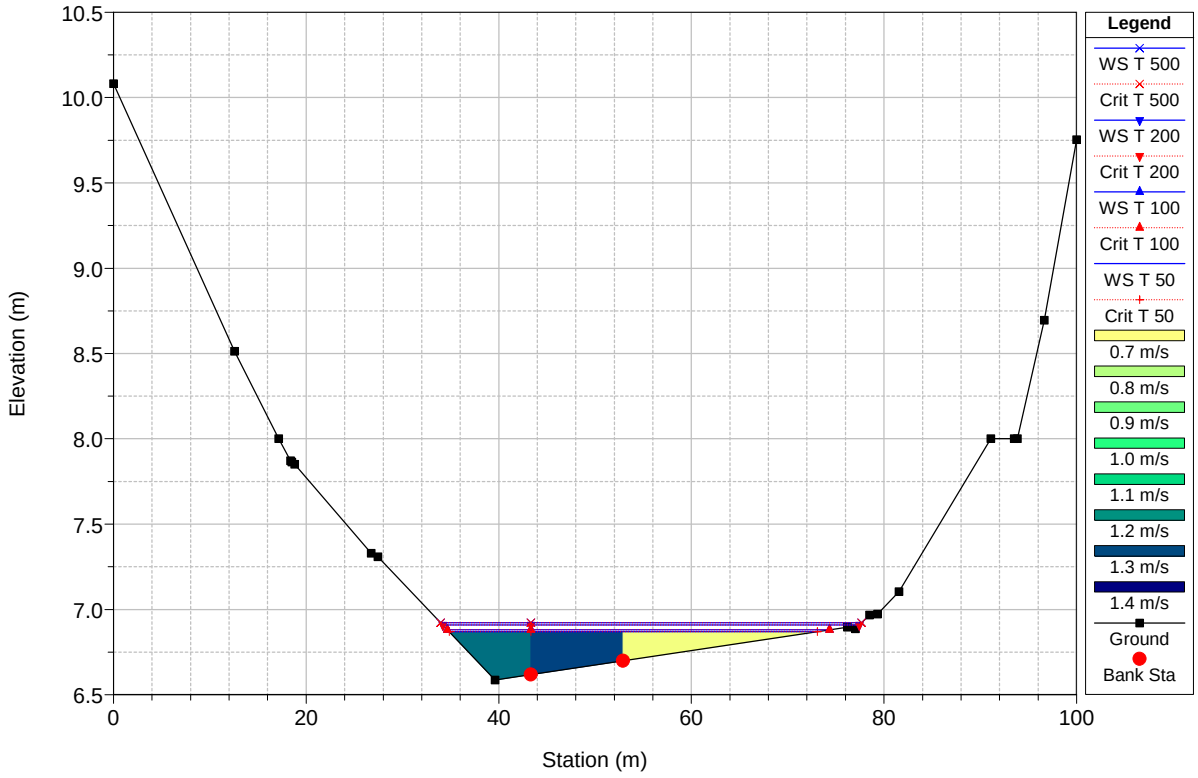
River = Baja Caddinas Reach = Rc sup RS = 330



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

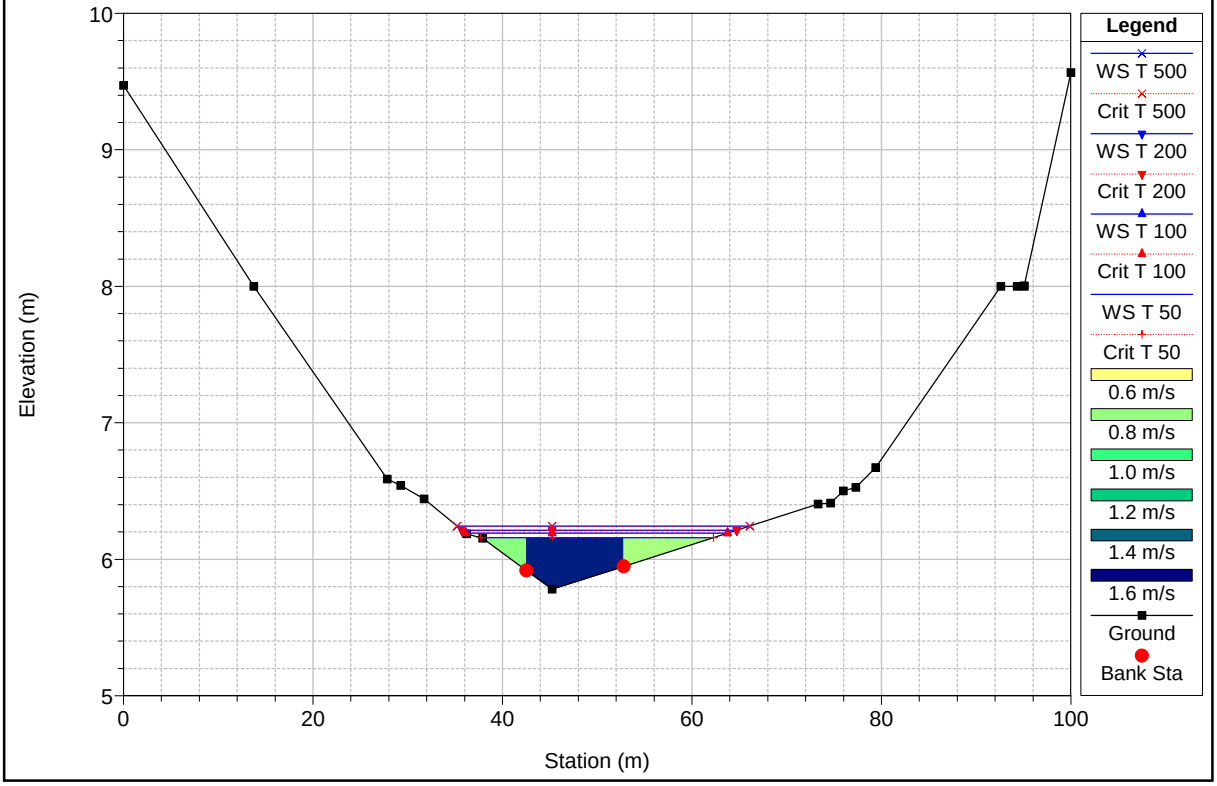
River = Baja Caddinas Reach = Rc sup RS = 320



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

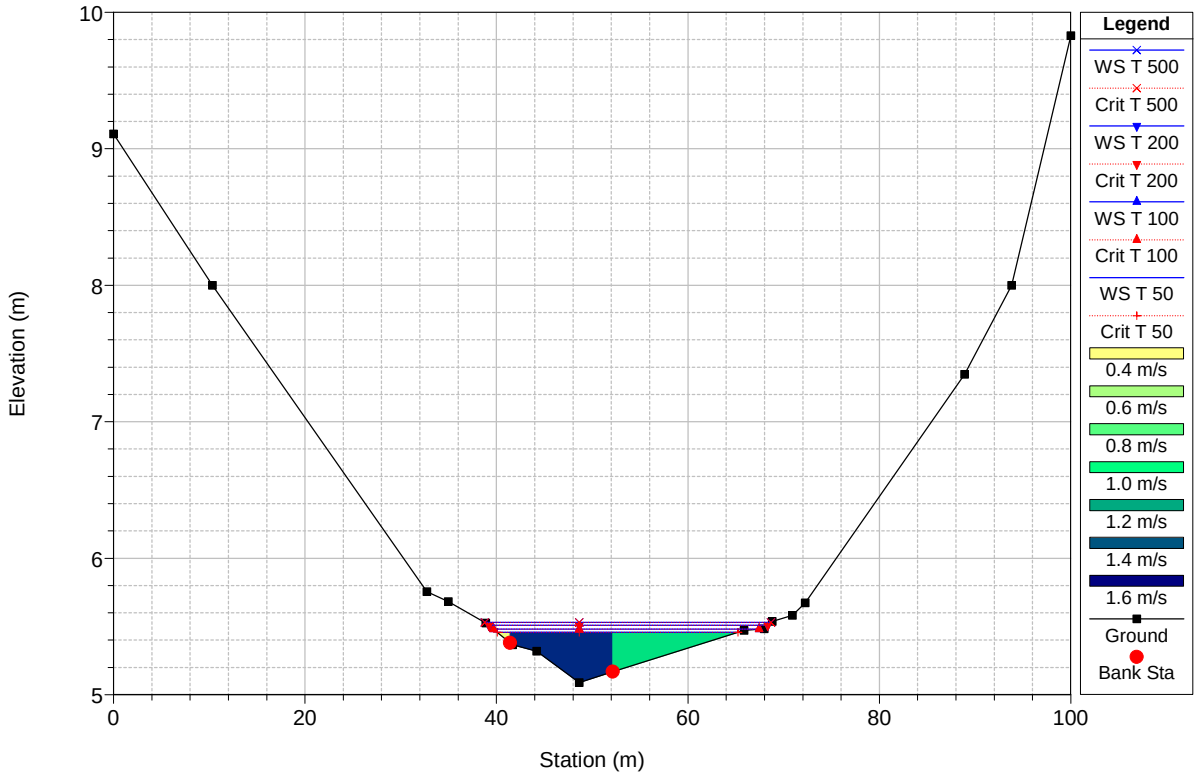
River = Baja Caddinas Reach = Rc sup RS = 310



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

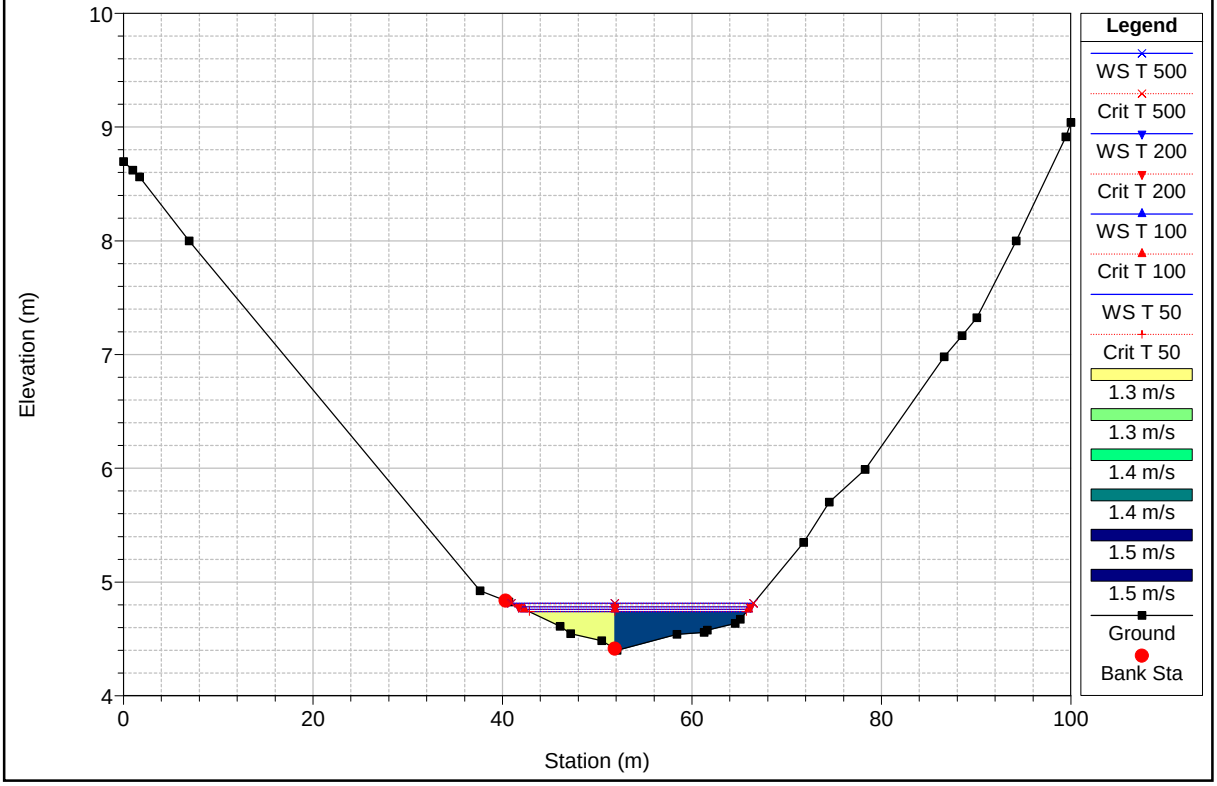
River = Baja Caddinas Reach = Rc sup RS = 300



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

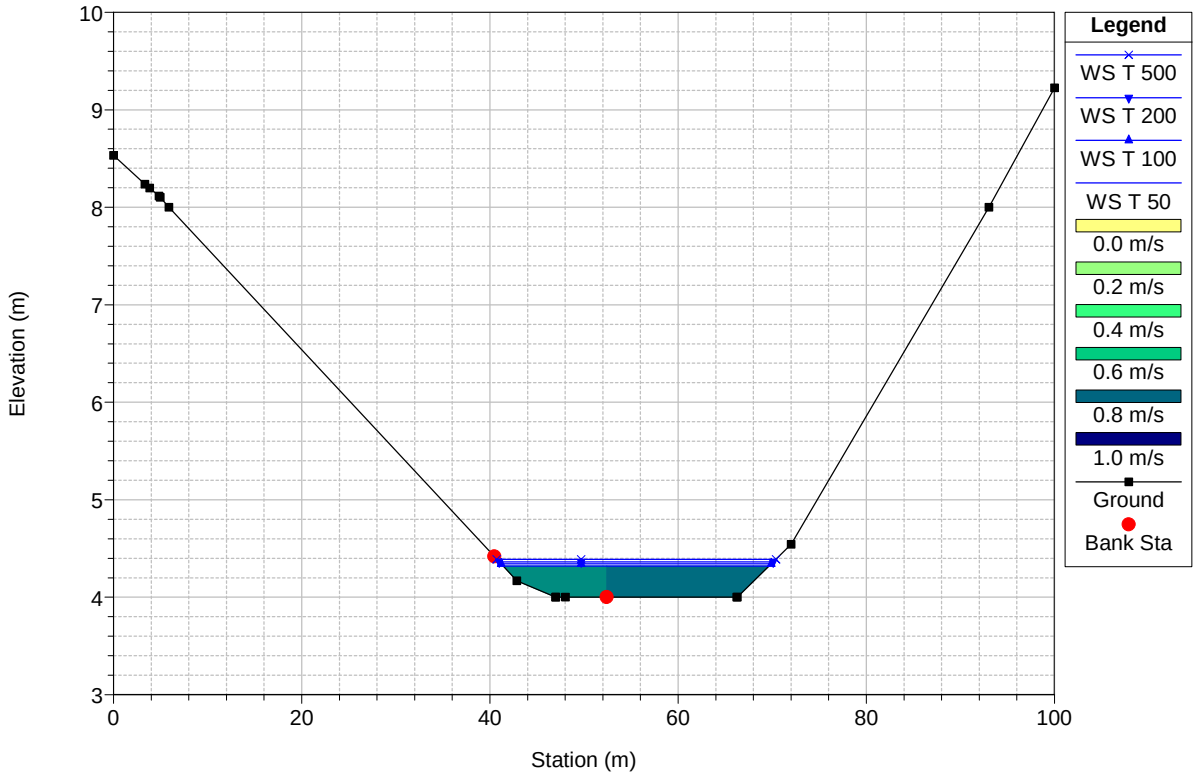
River = Baja Caddinas Reach = Rc sup RS = 290



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

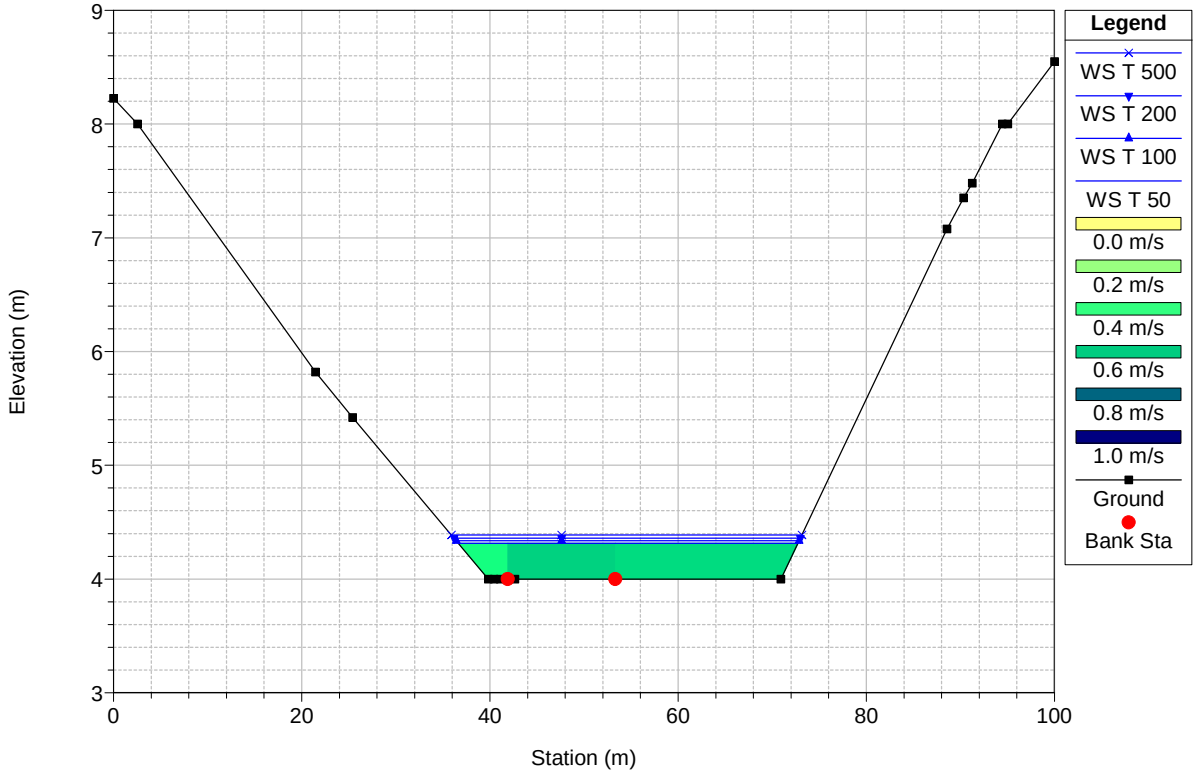
River = Baja Caddinas Reach = Rc sup RS = 280



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

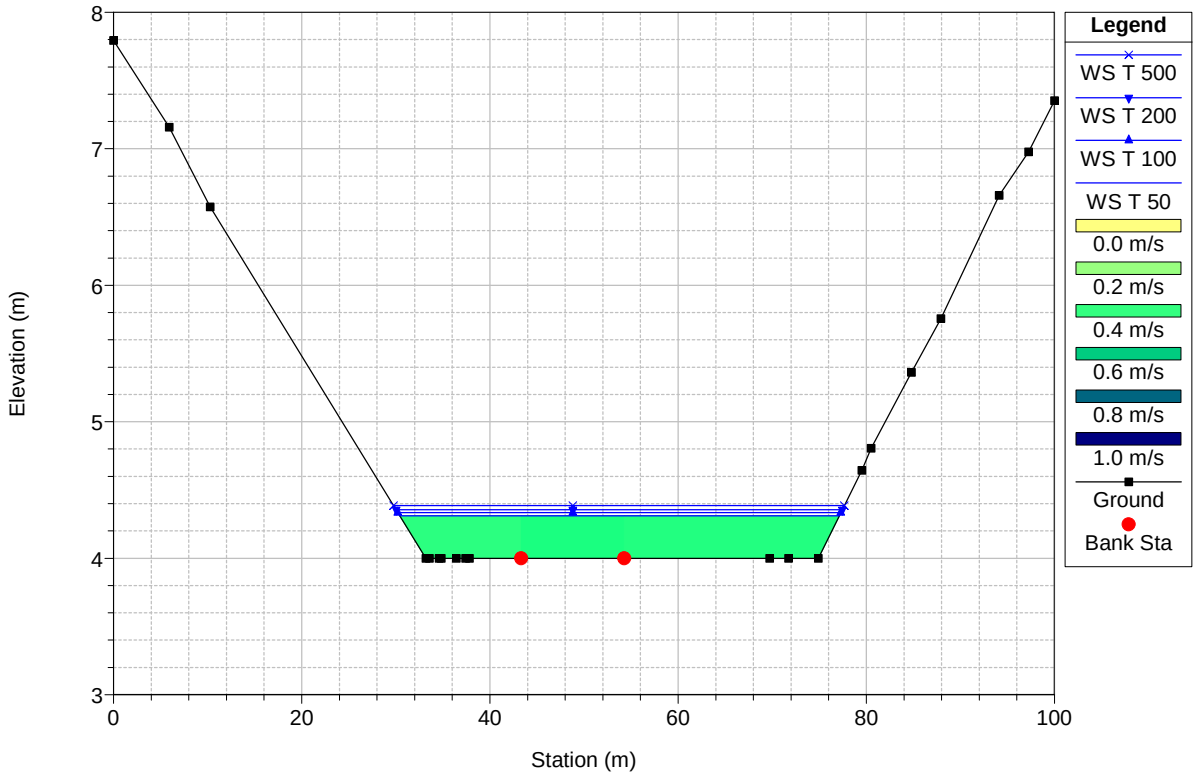
River = Baja Caddinas Reach = Rc sup RS = 270



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

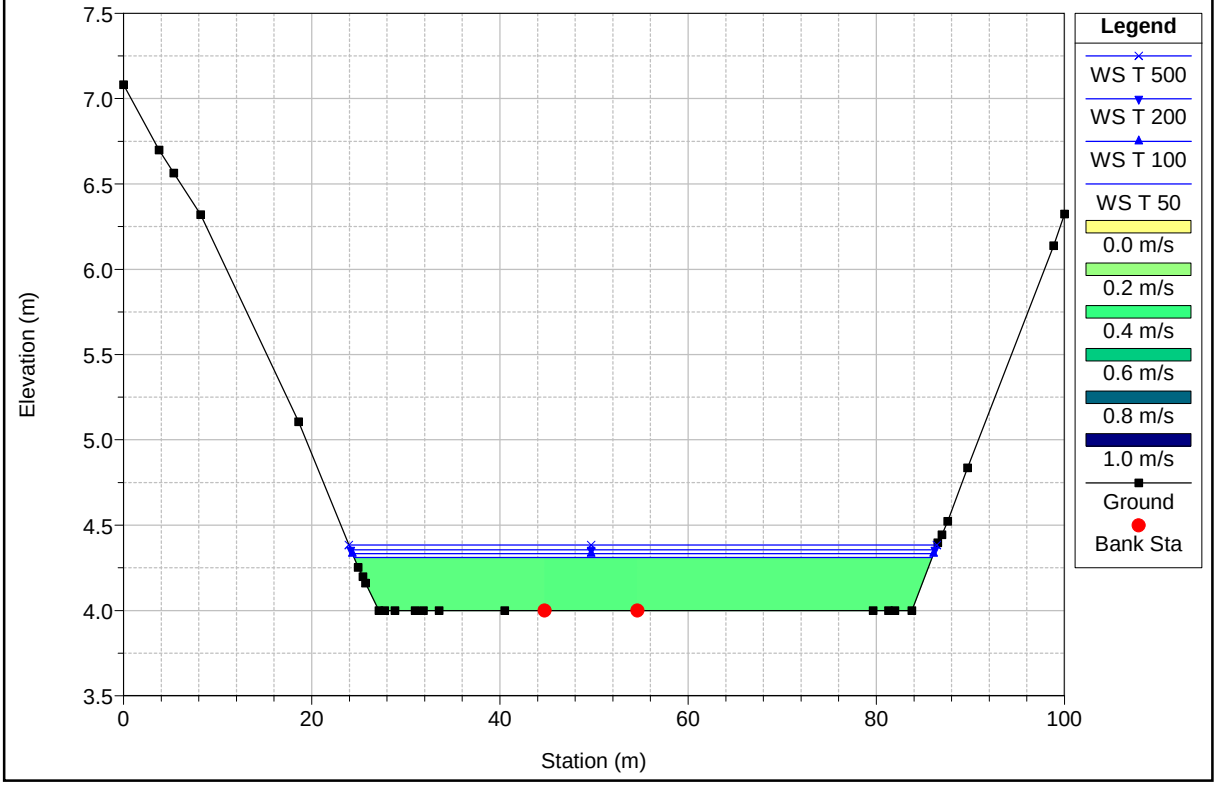
River = Baja Caddinas Reach = Rc sup RS = 260



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

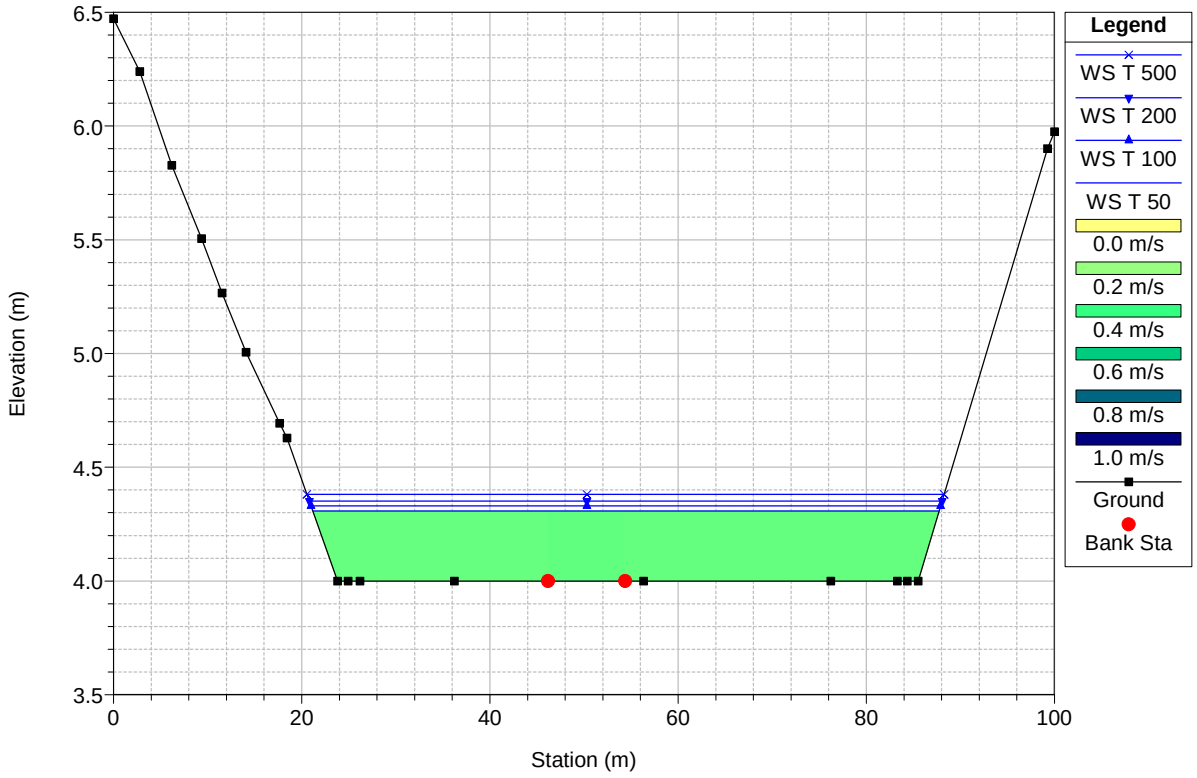
River = Baja Caddinas Reach = Rc sup RS = 250



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

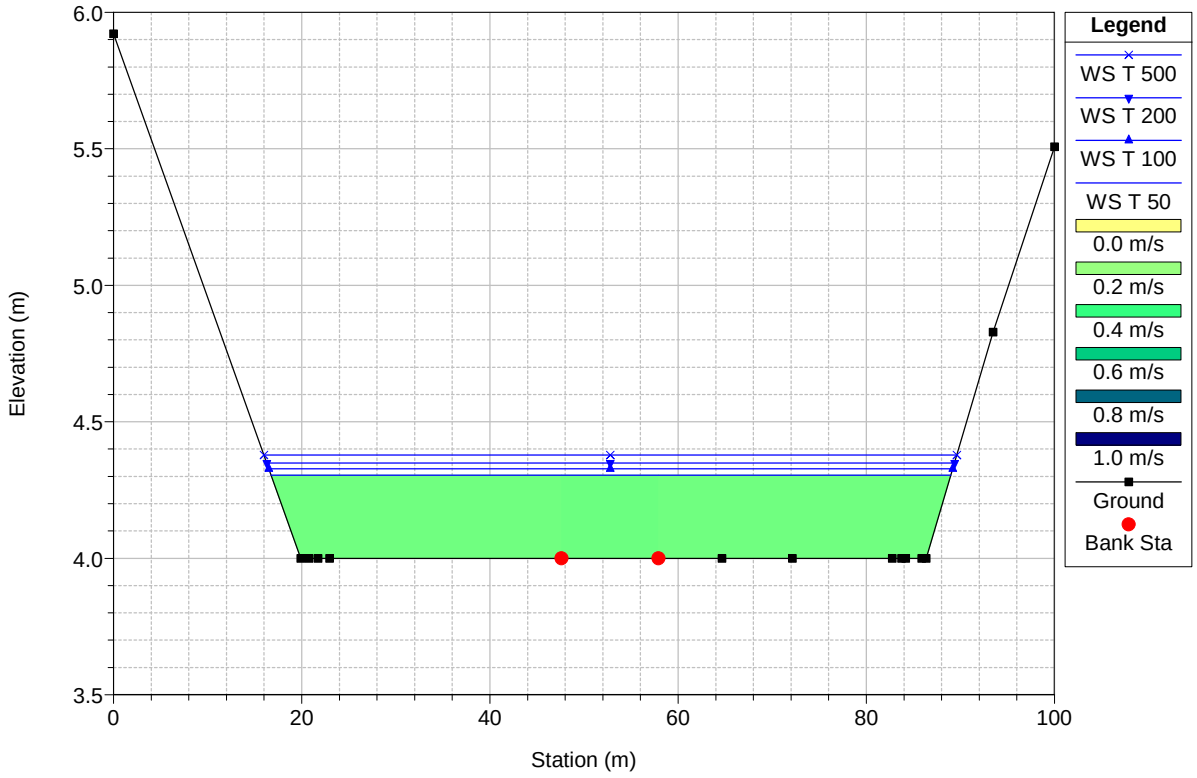
River = Baja Caddinas Reach = Rc sup RS = 240



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

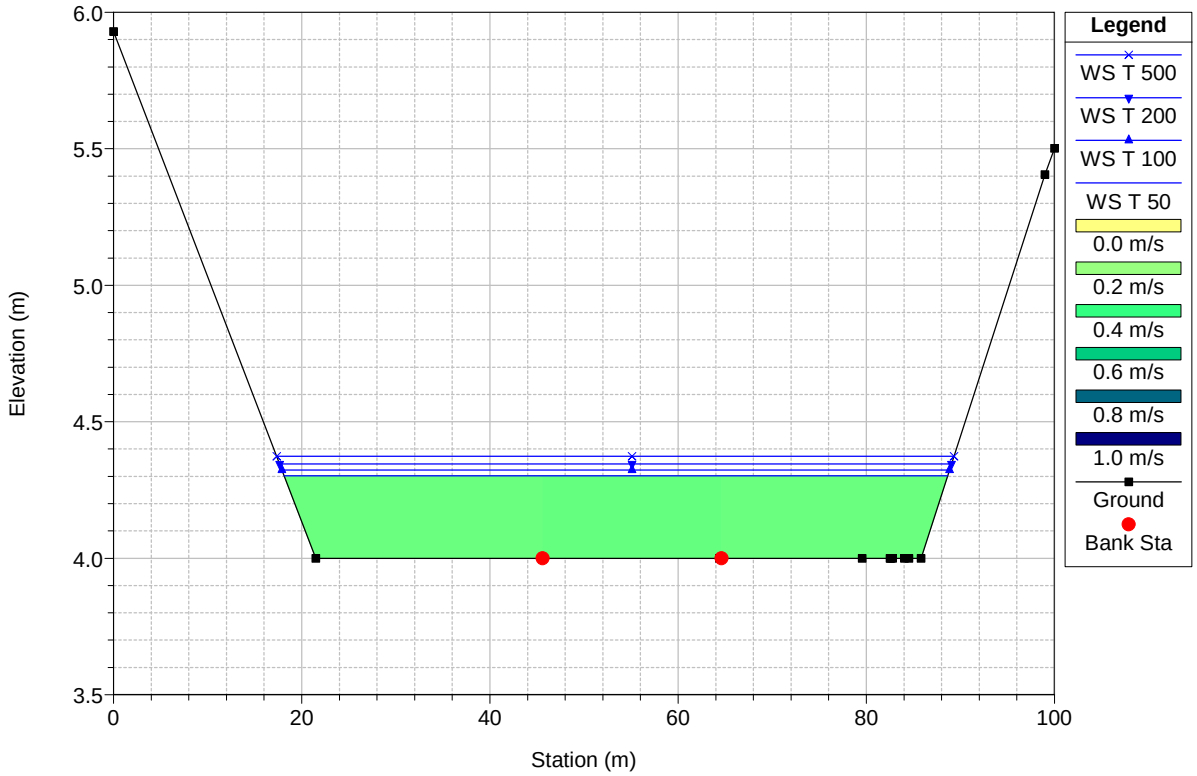
River = Baja Caddinas Reach = Rc sup RS = 230



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

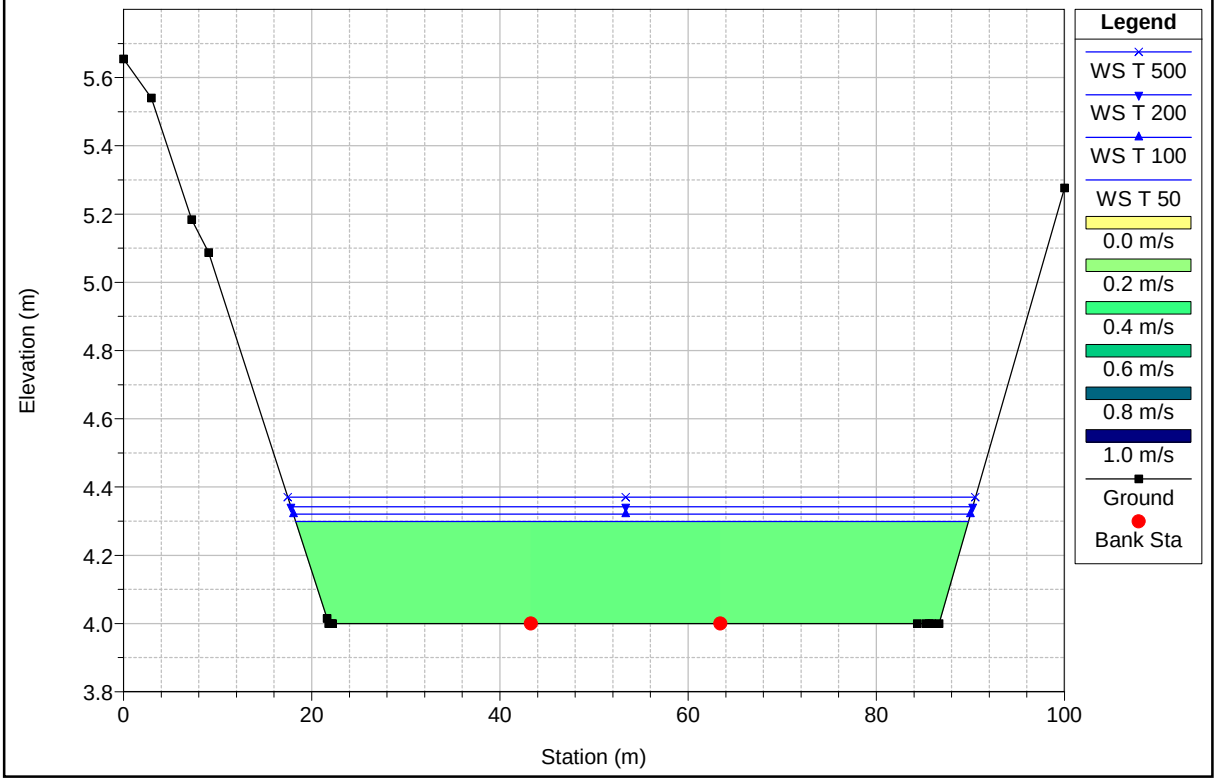
River = Baja Caddinas Reach = Rc sup RS = 220



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

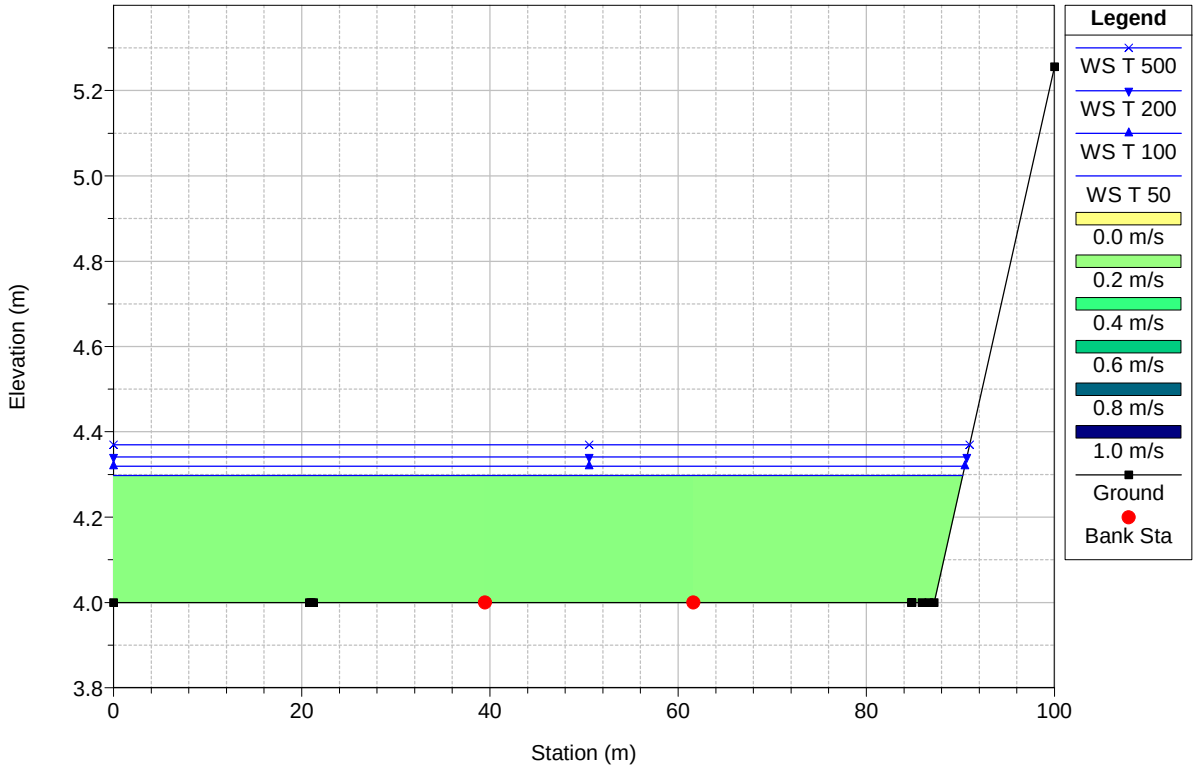
River = Baja Caddinas Reach = Rc sup RS = 210



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

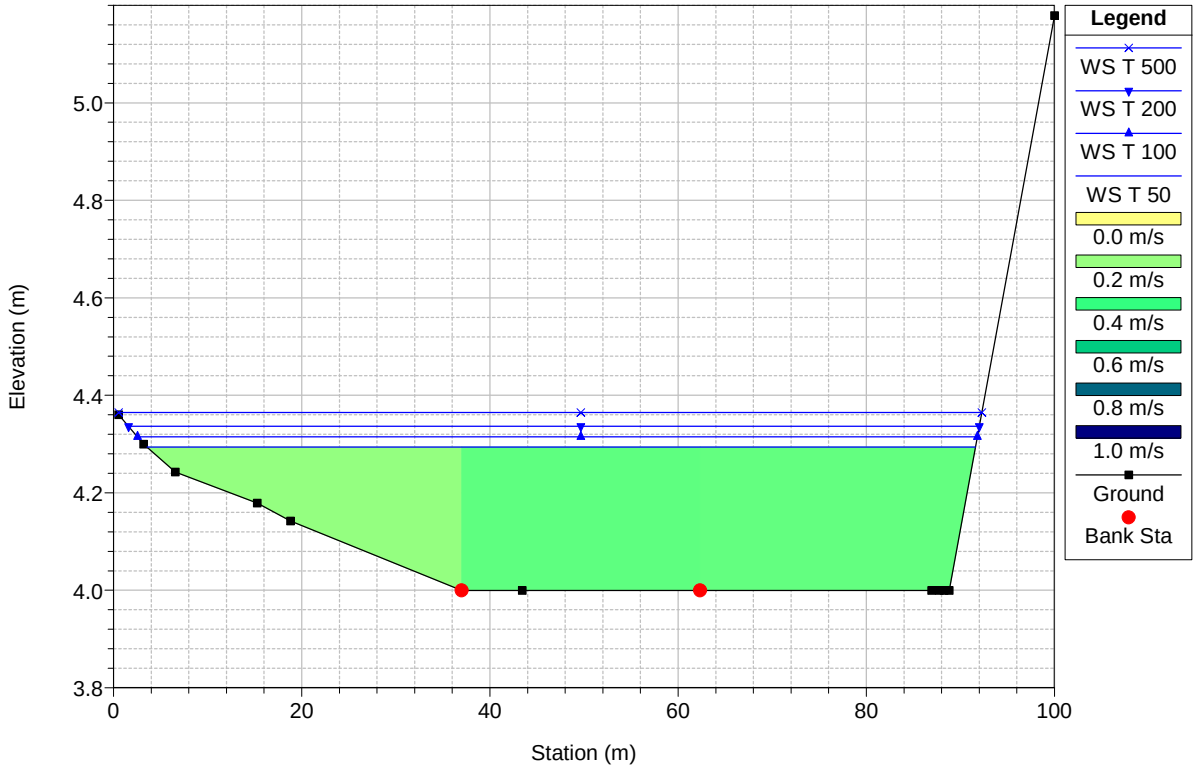
River = Baja Caddinas Reach = Rc sup RS = 200



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

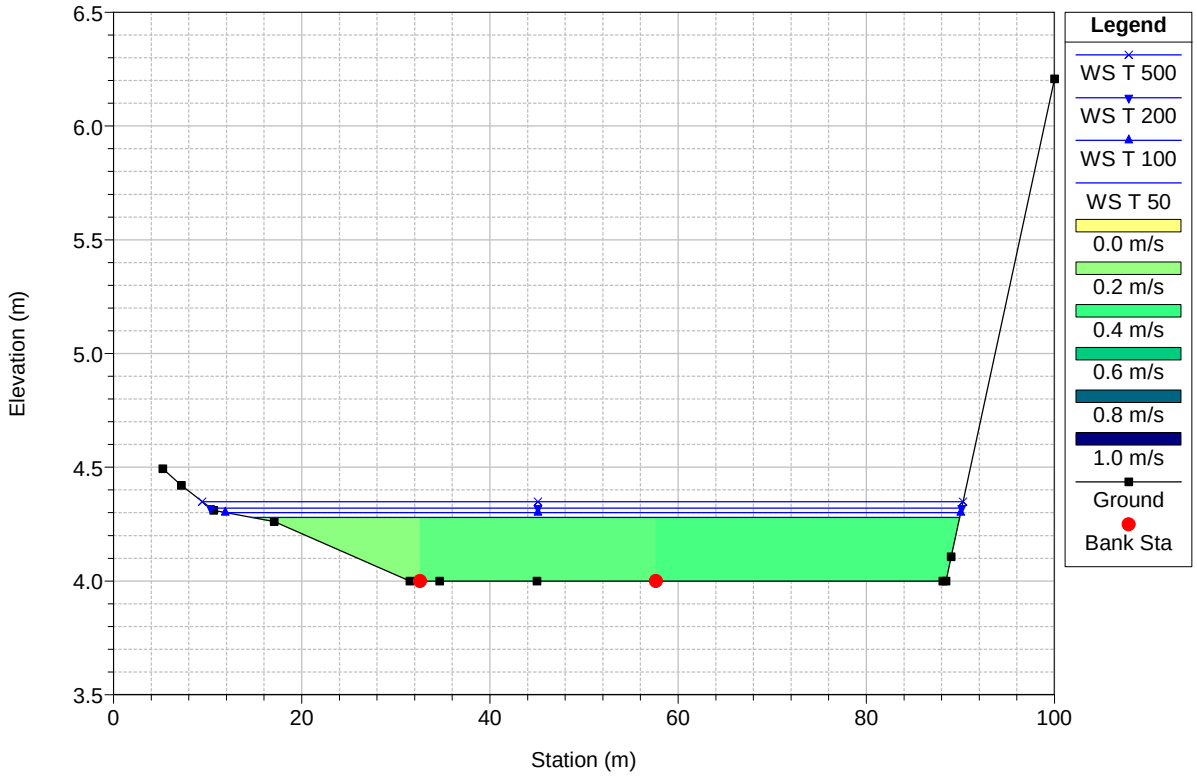
River = Baja Caddinas Reach = Rc sup RS = 190



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

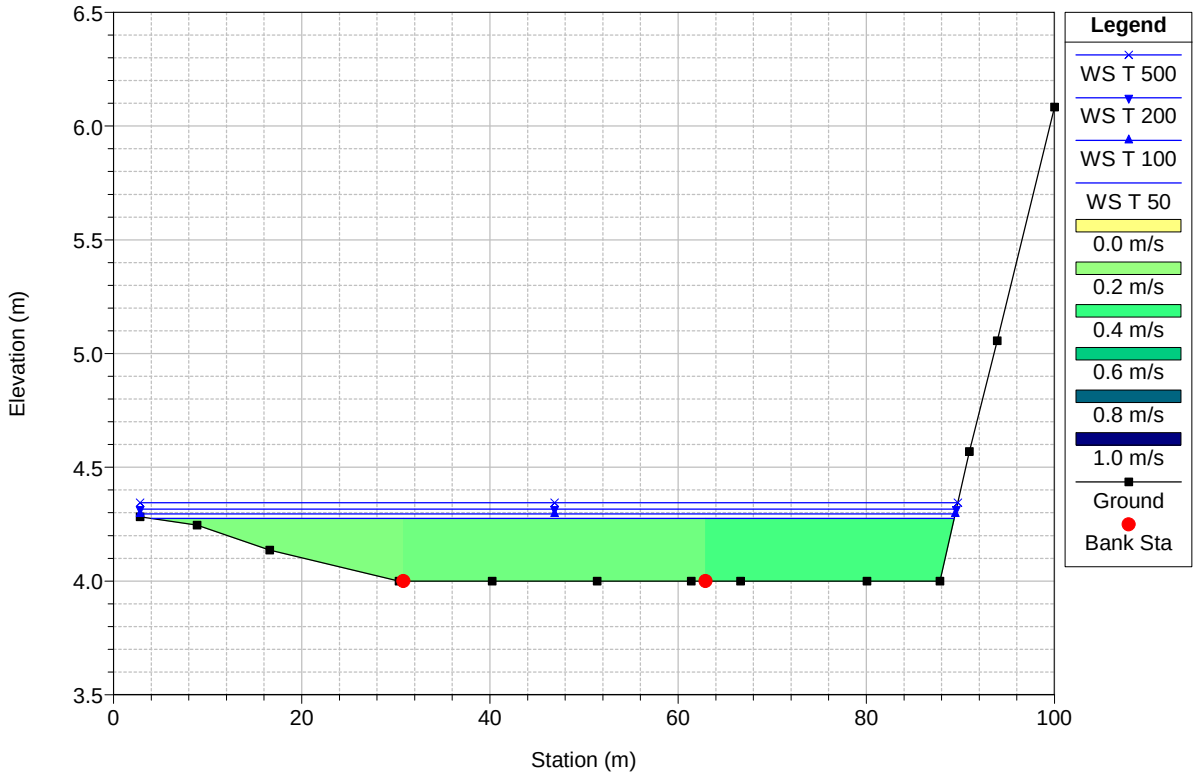
River = Baja Caddinas Reach = Rc sup RS = 160



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

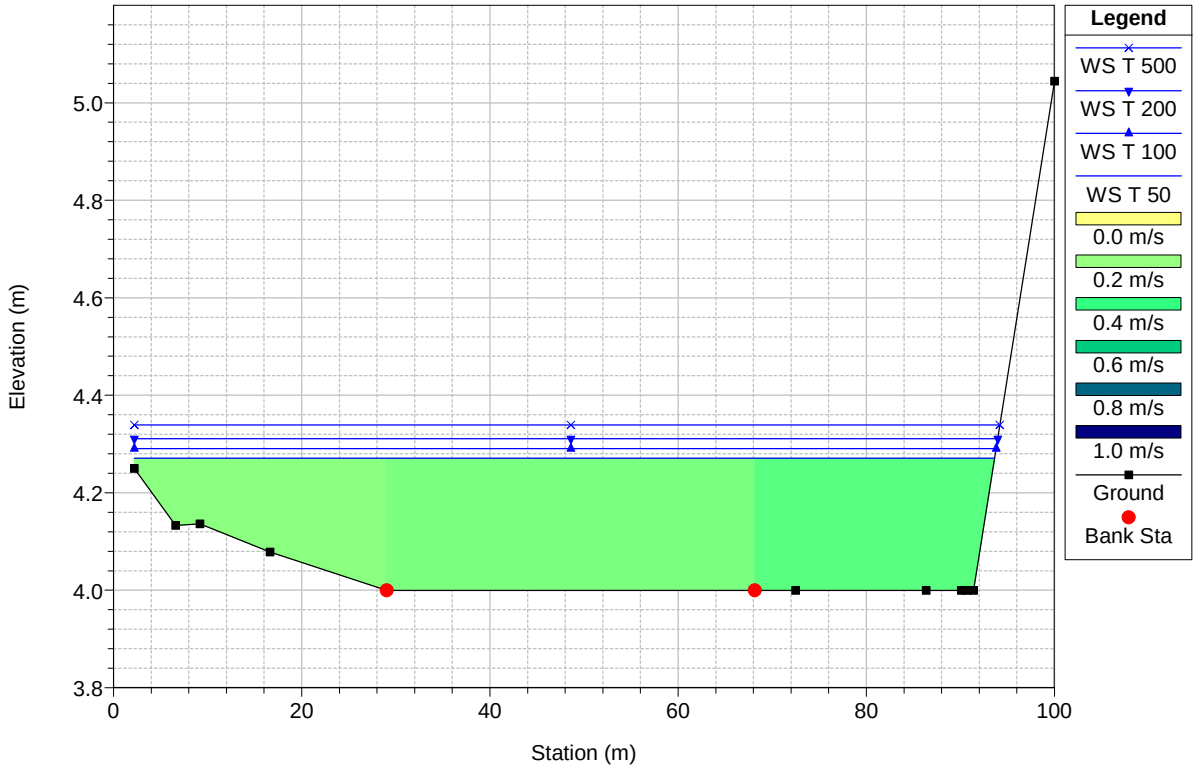
River = Baja Caddinas Reach = Rc sup RS = 150



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

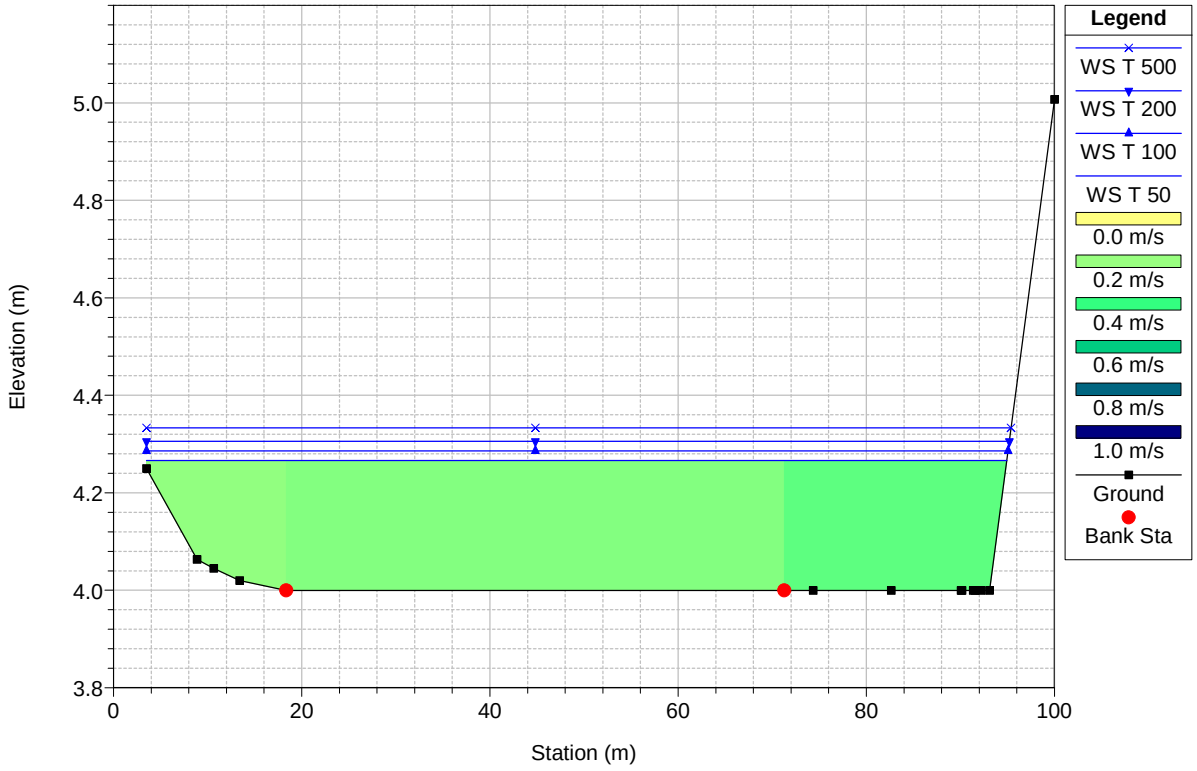
River = Baja Caddinas Reach = Rc sup RS = 140



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

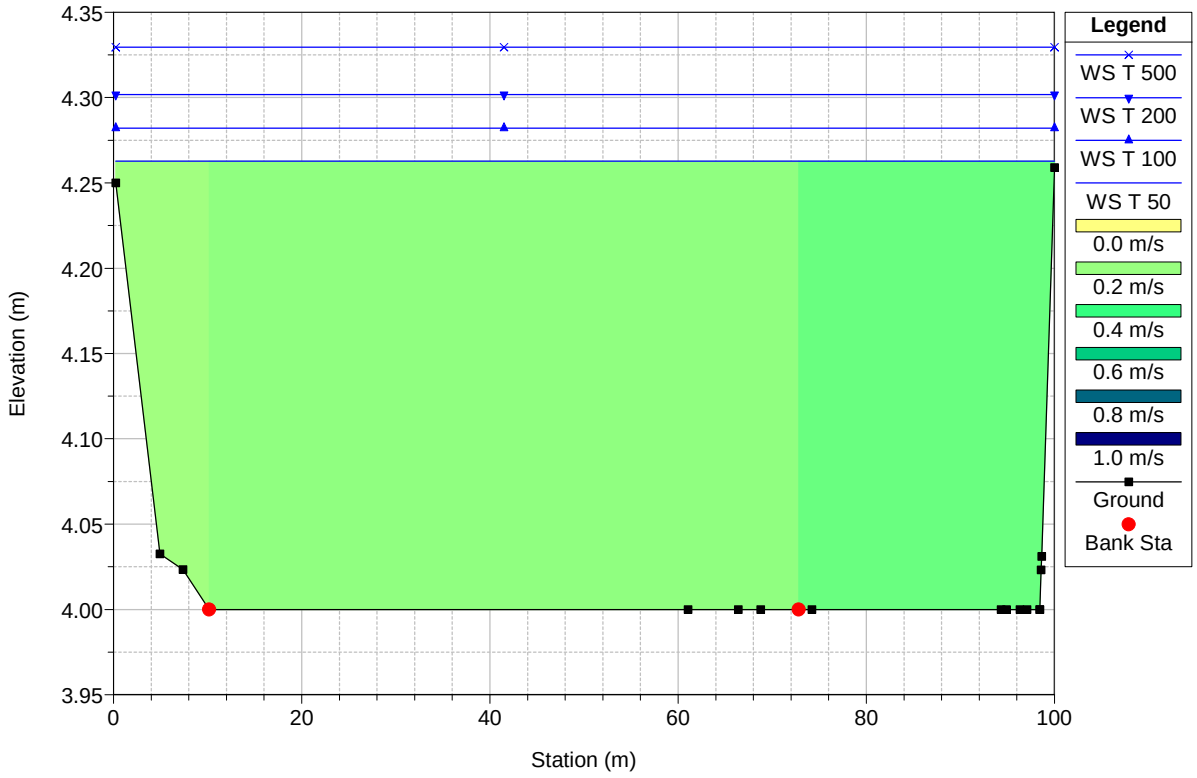
River = Baja Caddinas Reach = Rc sup RS = 130



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

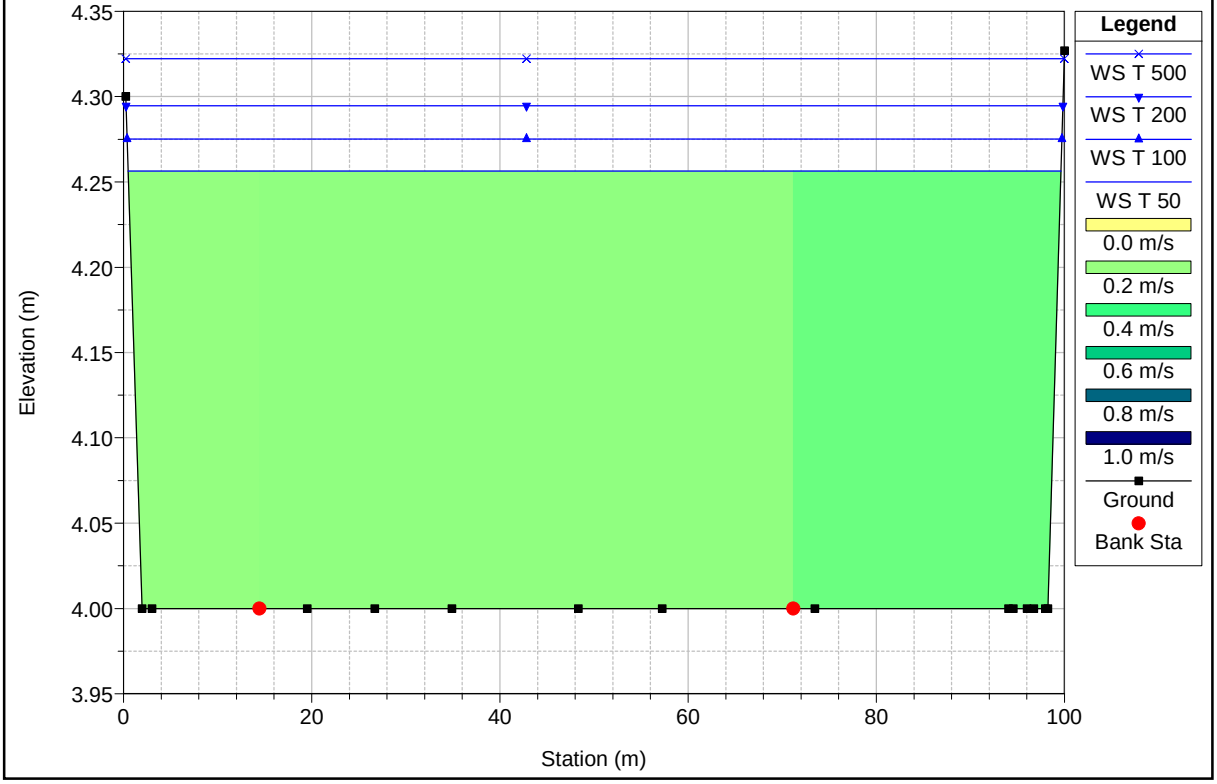
River = Baja Caddinas Reach = Rc sup RS = 120



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

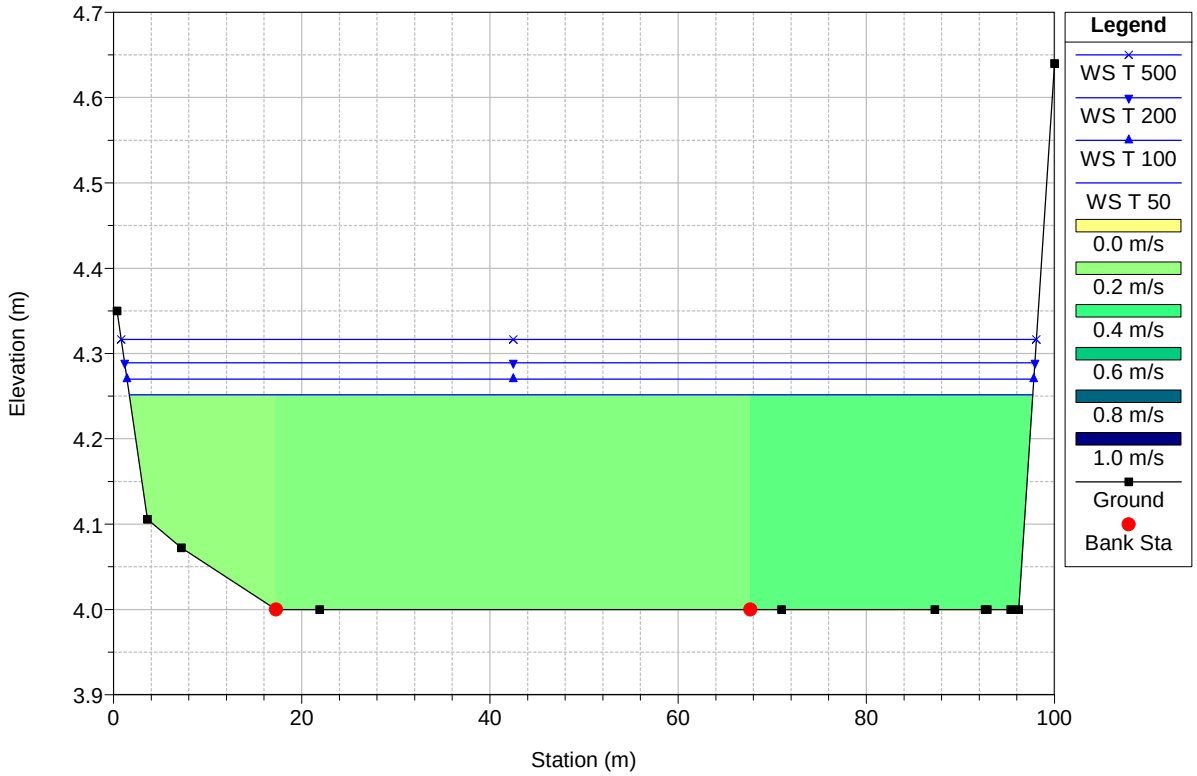
River = Baja Caddinas Reach = Rc sup RS = 100



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

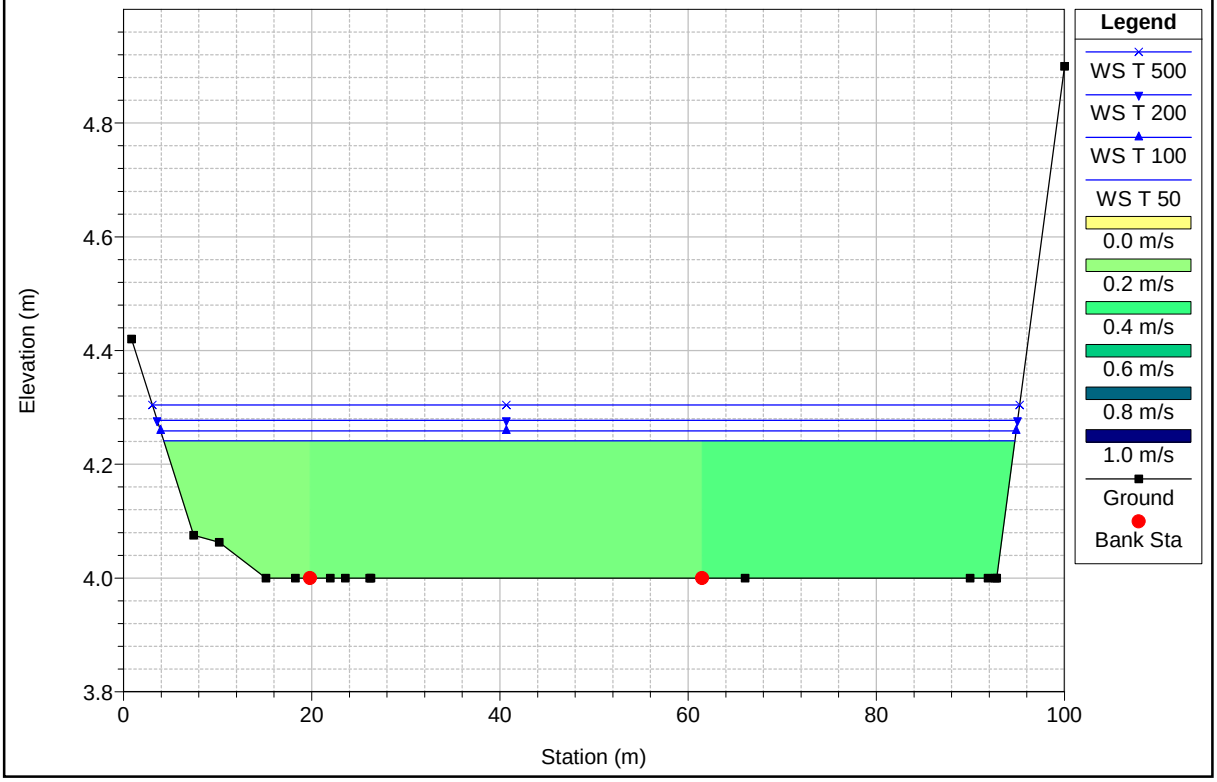
River = Baja Caddinas Reach = Rc sup RS = 90



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

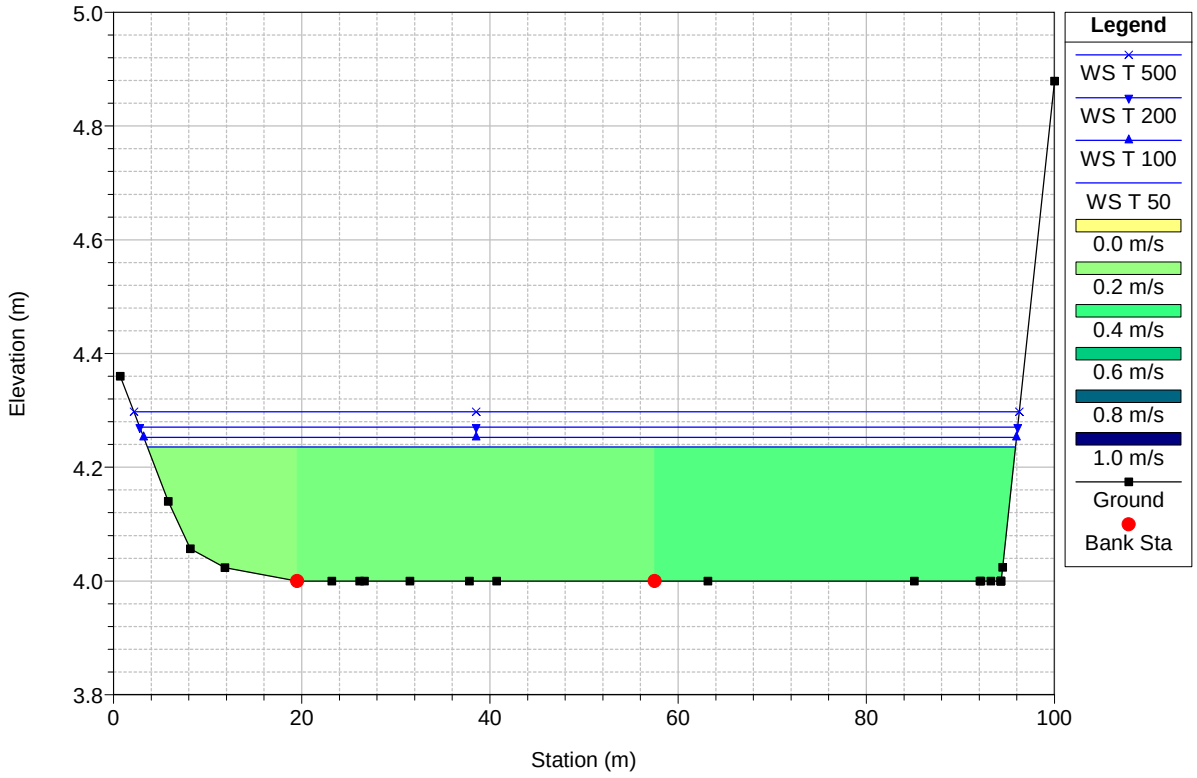
River = Baja Caddinas Reach = Rc sup RS = 70



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

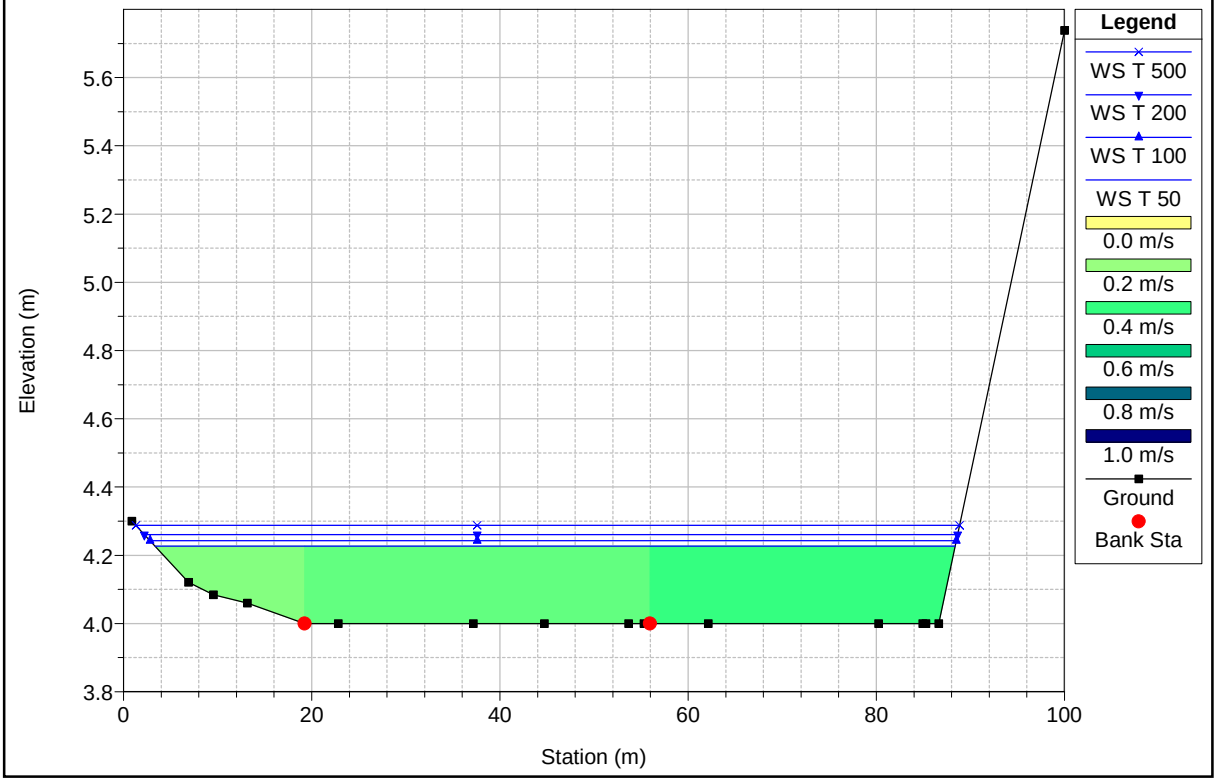
River = Baja Caddinas Reach = Rc sup RS = 60



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

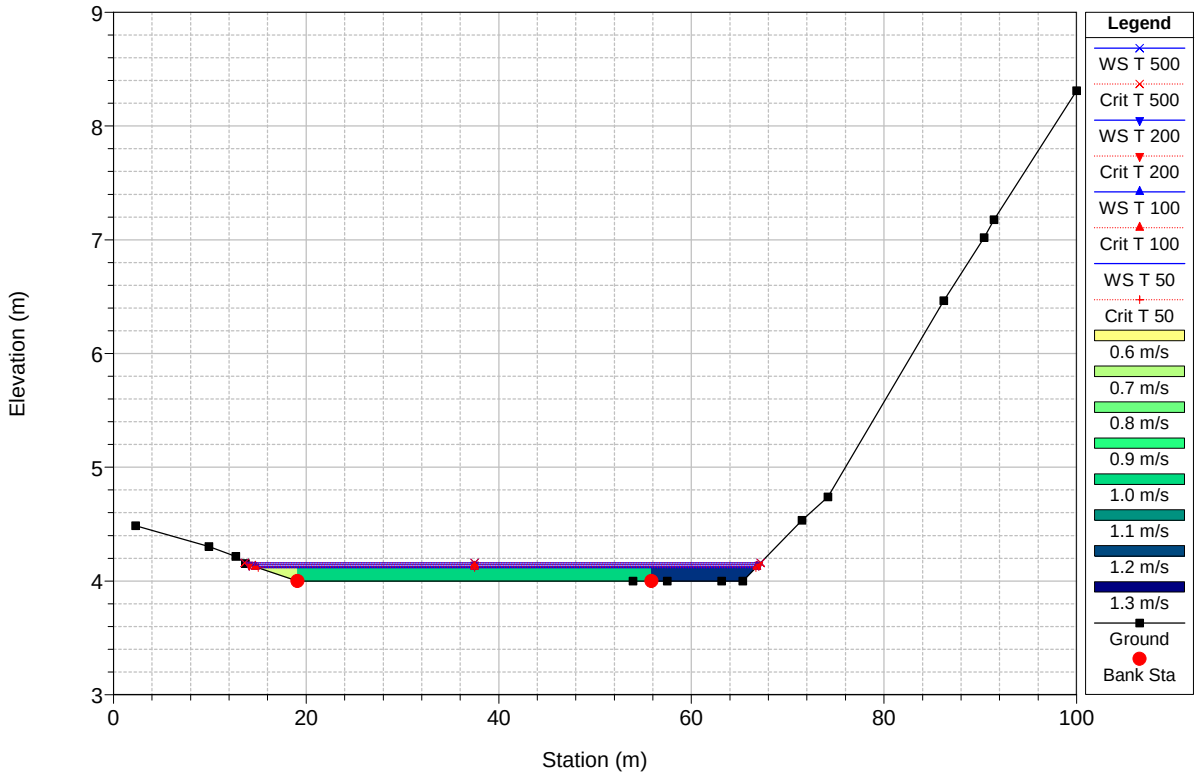
River = Baja Caddinas Reach = Rc sup RS = 50



Baja Caddinas Idrologia Plan: Plan 01

Geom: SI Flow: SI

River = Baja Caddinas Reach = Rc sup RS = 30



HEC-RAS Plan: Plan 01 River: Baja Caddinas Reach: Rc sup

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)	
Rc sup	1280	T 50	5.96	67.34	67.80	67.80	67.97	0.029377	1.84	3.32	10.18	1.01
Rc sup	1280	T 100	6.99	67.34	67.84	67.84	68.02	0.028137	1.89	3.75	10.52	1.00
Rc sup	1280	T 200	8.03	67.34	67.88	67.88	68.07	0.028169	1.96	4.12	10.79	1.01
Rc sup	1280	T 500	9.45	67.34	67.93	67.93	68.14	0.027088	2.03	4.66	11.19	1.00
Rc sup	1270	T 50	5.96	64.34	64.82	64.82	64.99	0.029094	1.63	3.29	9.99	0.97
Rc sup	1270	T 100	6.99	64.34	64.86	64.86	65.04	0.028178	1.72	3.69	10.17	0.97
Rc sup	1270	T 200	8.03	64.34	64.89	64.89	65.10	0.027634	1.81	4.06	10.33	0.98
Rc sup	1270	T 500	9.45	64.34	64.94	64.94	65.16	0.026906	1.91	4.56	10.55	0.98
Rc sup	1260	T 50	5.96	62.46	62.76	62.76	62.89	0.030635	1.55	3.67	13.59	0.98
Rc sup	1260	T 100	6.99	62.46	62.79	62.79	62.93	0.029897	1.63	4.10	13.81	0.99
Rc sup	1260	T 200	8.03	62.46	62.82	62.82	62.98	0.029198	1.71	4.51	14.02	0.99
Rc sup	1260	T 500	9.45	62.46	62.86	62.86	63.03	0.028287	1.79	5.06	14.29	0.99
Rc sup	1250	T 50	5.96	60.00	60.30	60.30	60.44	0.030483	1.54	3.63	13.16	0.98
Rc sup	1250	T 100	6.99	60.00	60.33	60.33	60.49	0.029759	1.61	4.06	13.40	0.98
Rc sup	1250	T 200	8.03	60.00	60.37	60.37	60.53	0.028741	1.66	4.49	13.64	0.97
Rc sup	1250	T 500	9.45	60.00	60.40	60.40	60.59	0.028343	1.75	5.01	13.92	0.98
Rc sup	1240	T 50	5.96	58.56	58.78	58.78	58.91	0.024504	0.86	3.88	14.68	0.78
Rc sup	1240	T 100	6.99	58.56	58.81	58.81	58.95	0.023723	0.98	4.38	14.92	0.80
Rc sup	1240	T 200	8.03	58.56	58.83	58.83	58.99	0.024668	1.10	4.75	15.10	0.83
Rc sup	1240	T 500	9.45	58.56	58.87	58.87	59.04	0.024089	1.22	5.34	15.39	0.85
Rc sup	1230	T 50	5.96	56.08	56.58	56.58	56.75	0.028924	1.77	3.22	9.31	0.99
Rc sup	1230	T 100	6.99	56.08	56.62	56.62	56.81	0.028126	1.83	3.65	9.85	0.99
Rc sup	1230	T 200	8.03	56.08	56.66	56.66	56.86	0.027621	1.89	4.07	10.35	0.99
Rc sup	1230	T 500	9.45	56.08	56.72	56.72	56.93	0.027009	1.95	4.63	10.97	0.99
Rc sup	1220	T 50	5.96	55.76	55.98	55.98	56.21	0.033371	0.91	2.89	8.87	0.89
Rc sup	1220	T 100	6.99	55.76	56.10	56.10	56.23	0.015550	0.69	4.94	18.57	0.62
Rc sup	1220	T 200	8.03	55.76	56.13	56.13	56.27	0.015956	0.80	5.48	18.74	0.65
Rc sup	1220	T 500	9.45	55.76	56.16	56.16	56.32	0.017096	0.93	6.05	18.92	0.70
Rc sup	1210	T 50	5.96	52.61	53.24	53.24	53.41	0.028276	1.88	3.26	9.64	1.00
Rc sup	1210	T 100	6.99	52.61	53.28	53.28	53.47	0.026706	1.96	3.69	9.87	0.99
Rc sup	1210	T 200	8.03	52.61	53.31	53.31	53.52	0.026894	2.06	4.03	10.06	1.00
Rc sup	1210	T 500	9.45	52.61	53.36	53.36	53.59	0.025810	2.15	4.55	10.33	1.00
Rc sup	1190	T 50	5.96	48.19	48.77	48.77	48.97	0.028193	2.00	2.98	7.36	1.01
Rc sup	1190	T 100	6.99	48.19	48.82	48.82	49.04	0.027460	2.08	3.36	7.68	1.00
Rc sup	1190	T 200	8.03	48.19	48.87	48.87	49.10	0.026836	2.15	3.73	7.97	1.00
Rc sup	1190	T 500	9.45	48.19	48.93	48.93	49.18	0.026060	2.23	4.23	8.35	1.00
Rc sup	1180	T 50	5.96	47.75	48.08	48.08	48.18	0.029438	1.41	4.43	22.23	0.95
Rc sup	1180	T 100	6.99	47.75	48.10	48.10	48.21	0.029024	1.48	4.93	22.33	0.96
Rc sup	1180	T 200	8.03	47.75	48.12	48.12	48.24	0.028734	1.55	5.40	22.42	0.96
Rc sup	1180	T 500	9.45	47.75	48.14	48.14	48.28	0.030917	1.69	5.84	22.51	1.01
Rc sup	1170	T 50	5.96	45.59	46.02	46.02	46.15	0.032425	1.59	3.75	14.92	1.01
Rc sup	1170	T 100	6.99	45.59	46.05	46.05	46.19	0.030602	1.65	4.24	15.28	1.00
Rc sup	1170	T 200	8.03	45.59	46.08	46.08	46.23	0.030601	1.73	4.64	15.58	1.01
Rc sup	1170	T 500	9.45	45.59	46.12	46.12	46.28	0.029766	1.81	5.22	15.98	1.01
Rc sup	1160	T 50	5.96	44.00	44.48		44.55	0.010315	1.20	4.97	12.71	0.61
Rc sup	1160	T 100	6.99	44.00	44.51		44.60	0.011122	1.30	5.40	13.03	0.64
Rc sup	1160	T 200	8.03	44.00	44.54		44.64	0.011890	1.38	5.80	13.33	0.67
Rc sup	1160	T 500	9.45	44.00	44.58		44.69	0.012773	1.49	6.33	13.71	0.70
Rc sup	1150	T 50	5.96	44.00	44.26	44.26	44.38	0.031686	1.56	3.88	16.03	1.00
Rc sup	1150	T 100	6.99	44.00	44.29	44.29	44.42	0.030669	1.64	4.34	16.28	1.00
Rc sup	1150	T 200	8.03	44.00	44.31	44.31	44.46	0.030324	1.72	4.76	16.50	1.01
Rc sup	1150	T 500	9.45	44.00	44.35	44.35	44.51	0.029046	1.81	5.35	16.81	1.00
Rc sup	1140	T 50	5.96	41.51	42.23	42.23	42.43	0.029006	2.02	3.09	8.53	1.03
Rc sup	1140	T 100	6.99	41.51	42.29	42.29	42.49	0.027327	2.05	3.59	9.40	1.01
Rc sup	1140	T 200	8.03	41.51	42.34	42.34	42.54	0.025769	2.08	4.10	10.25	0.99
Rc sup	1140	T 500	9.45	41.51	42.41	42.41	42.61	0.024016	2.10	4.79	11.30	0.97
Rc sup	1130	T 50	5.96	40.00	40.33		40.39	0.011637	1.12	5.36	16.83	0.63
Rc sup	1130	T 100	6.99	40.00	40.35		40.43	0.012824	1.23	5.74	16.92	0.67
Rc sup	1130	T 200	8.03	40.00	40.38		40.46	0.013968	1.33	6.10	16.99	0.70
Rc sup	1130	T 500	9.45	40.00	40.40		40.51	0.015582	1.47	6.52	17.09	0.75
Rc sup	1120	T 50	5.96	40.00	40.26		40.29	0.007394	0.77	7.76	30.32	0.49
Rc sup	1120	T 100	6.99	40.00	40.28		40.32	0.008176	0.85	8.29	30.41	0.52
Rc sup	1120	T 200	8.03	40.00	40.30		40.34	0.008781	0.91	8.83	30.51	0.54
Rc sup	1120	T 500	9.45	40.00	40.32		40.37	0.009774	1.01	9.44	30.62	0.58
Rc sup	1110	T 50	5.96	40.00	40.24		40.24	0.002248	0.40	14.94	63.99	0.26
Rc sup	1110	T 100	6.99	40.00	40.25		40.26	0.002460	0.44	16.01	64.10	0.28
Rc sup	1110	T 200	8.03	40.00	40.27		40.28	0.002565	0.47	17.20	64.21	0.29

HEC-RAS Plan: Plan 01 River: Baja Caddinas Reach: Rc sup (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)	
Rc sup	1110	T 500	9.45	40.00	40.29		40.30	0.002804	0.52	18.48	64.33	0.31
Rc sup	1100	T 50	5.96	40.00	40.10	40.10	40.15	0.051900	1.07	5.62	58.55	1.09
Rc sup	1100	T 100	6.99	40.00	40.11	40.11	40.17	0.043099	1.08	6.54	58.70	1.02
Rc sup	1100	T 200	8.03	40.00	40.12	40.12	40.19	0.040381	1.11	7.26	58.82	1.01
Rc sup	1100	T 500	9.45	40.00	40.14	40.14	40.21	0.038800	1.17	8.11	58.95	1.01
Rc sup	1090	T 50	5.96	38.95	39.22	39.22	39.39	0.024746	0.91	3.39	10.54	0.79
Rc sup	1090	T 100	6.99	38.95	39.26	39.26	39.44	0.023677	0.99	3.89	11.29	0.80
Rc sup	1090	T 200	8.03	38.95	39.30	39.30	39.49	0.022750	1.05	4.39	11.99	0.80
Rc sup	1090	T 500	9.45	38.95	39.35	39.35	39.55	0.022904	1.15	4.96	12.74	0.82
Rc sup	1080	T 50	5.96	36.99	37.61	37.61	37.75	0.026172	1.70	3.74	13.67	0.95
Rc sup	1080	T 100	6.99	36.99	37.65	37.65	37.80	0.024944	1.74	4.28	14.23	0.94
Rc sup	1080	T 200	8.03	36.99	37.68	37.68	37.84	0.024994	1.81	4.73	14.68	0.95
Rc sup	1080	T 500	9.45	36.99	37.72	37.72	37.89	0.026199	1.92	5.23	15.17	0.98
Rc sup	1070	T 50	5.96	36.00	36.41		36.47	0.009365	1.13	5.45	15.03	0.58
Rc sup	1070	T 100	6.99	36.00	36.44		36.51	0.010067	1.22	5.91	15.30	0.61
Rc sup	1070	T 200	8.03	36.00	36.47		36.55	0.010718	1.31	6.34	15.54	0.64
Rc sup	1070	T 500	9.45	36.00	36.51		36.60	0.011497	1.42	6.90	15.85	0.67
Rc sup	1060	T 50	5.96	36.00	36.36		36.39	0.005697	0.82	7.30	21.37	0.45
Rc sup	1060	T 100	6.99	36.00	36.39		36.43	0.006045	0.89	7.92	21.53	0.47
Rc sup	1060	T 200	8.03	36.00	36.41		36.46	0.006355	0.95	8.50	21.69	0.48
Rc sup	1060	T 500	9.45	36.00	36.45		36.50	0.006681	1.02	9.27	21.89	0.50
Rc sup	1050	T 50	5.96	35.98	36.18	36.18	36.27	0.036479	1.34	4.46	25.12	1.01
Rc sup	1050	T 100	6.99	35.98	36.20	36.20	36.30	0.034288	1.40	5.01	25.25	1.00
Rc sup	1050	T 200	8.03	35.98	36.22	36.22	36.33	0.033173	1.46	5.51	25.37	1.00
Rc sup	1050	T 500	9.45	35.98	36.25	36.25	36.37	0.032043	1.54	6.15	25.53	1.00
Rc sup	1040	T 50	5.96	33.47	34.08	34.08	34.23	0.030588	1.75	3.41	11.20	1.01
Rc sup	1040	T 100	6.99	33.47	34.11	34.11	34.29	0.030338	1.83	3.82	11.85	1.02
Rc sup	1040	T 200	8.03	33.47	34.15	34.15	34.33	0.028765	1.90	4.25	12.50	1.01
Rc sup	1040	T 500	9.45	33.47	34.20	34.20	34.39	0.027137	1.98	4.83	13.33	1.00
Rc sup	1030	T 50	5.96	32.00	32.46		32.56	0.013438	1.44	4.27	10.72	0.71
Rc sup	1030	T 100	6.99	32.00	32.49		32.61	0.014717	1.56	4.61	10.91	0.75
Rc sup	1030	T 200	8.03	32.00	32.52		32.66	0.015964	1.69	4.92	11.09	0.79
Rc sup	1030	T 500	9.45	32.00	32.55		32.72	0.017629	1.84	5.30	11.31	0.83
Rc sup	1020	T 50	5.96	32.00	32.39		32.44	0.008223	1.03	5.89	16.44	0.54
Rc sup	1020	T 100	6.99	32.00	32.42		32.48	0.008868	1.12	6.36	16.64	0.57
Rc sup	1020	T 200	8.03	32.00	32.45		32.52	0.009474	1.20	6.81	16.84	0.59
Rc sup	1020	T 500	9.45	32.00	32.48		32.56	0.010268	1.31	7.37	17.07	0.63
Rc sup	1010	T 50	5.96	32.00	32.36		32.39	0.002726	0.73	8.19	23.92	0.40
Rc sup	1010	T 100	6.99	32.00	32.39		32.43	0.002892	0.79	8.89	24.16	0.41
Rc sup	1010	T 200	8.03	32.00	32.42		32.46	0.003041	0.84	9.55	24.38	0.43
Rc sup	1010	T 500	9.45	32.00	32.46		32.50	0.003235	0.91	10.38	24.66	0.45
Rc sup	1000	T 50	5.96	32.00	32.33		32.35	0.005322	0.63	9.90	30.69	0.35
Rc sup	1000	T 100	6.99	32.00	32.36		32.38	0.005579	0.68	10.76	30.86	0.37
Rc sup	1000	T 200	8.03	32.00	32.39		32.41	0.005805	0.72	11.58	31.02	0.38
Rc sup	1000	T 500	9.45	32.00	32.42		32.45	0.006107	0.78	12.61	31.23	0.39
Rc sup	990	T 50	5.96	32.00	32.23		32.26	0.018787	0.84	7.12	32.25	0.57
Rc sup	990	T 100	6.99	32.00	32.25		32.29	0.018757	0.90	7.85	32.41	0.58
Rc sup	990	T 200	8.03	32.00	32.27		32.32	0.018409	0.94	8.59	32.57	0.58
Rc sup	990	T 500	9.45	32.00	32.30		32.35	0.018584	1.01	9.46	32.75	0.59
Rc sup	980	T 50	5.96	31.43	31.84	31.84	31.95	0.060026	1.43	4.21	20.65	1.00
Rc sup	980	T 100	6.99	31.43	31.87	31.87	31.98	0.059921	1.49	4.75	21.93	1.01
Rc sup	980	T 200	8.03	31.43	31.89	31.89	32.01	0.058852	1.55	5.25	23.06	1.01
Rc sup	980	T 500	9.45	31.43	31.92	31.92	32.05	0.053193	1.60	6.02	24.68	0.99
Rc sup	970	T 50	5.96	29.64	30.04	30.04	30.16	0.056480	1.54	3.89	16.50	1.00
Rc sup	970	T 100	6.99	29.64	30.07	30.07	30.20	0.054994	1.63	4.34	16.77	1.00
Rc sup	970	T 200	8.03	29.64	30.09	30.09	30.24	0.052163	1.68	4.83	17.04	0.99
Rc sup	970	T 500	9.45	29.64	30.13	30.13	30.29	0.051618	1.78	5.38	17.35	1.00
Rc sup	960	T 50	5.96	28.00	28.59		28.66	0.013958	1.12	5.35	12.51	0.54
Rc sup	960	T 100	6.99	28.00	28.64		28.71	0.014381	1.19	5.87	12.85	0.56
Rc sup	960	T 200	8.03	28.00	28.67		28.76	0.014824	1.26	6.37	13.16	0.57
Rc sup	960	T 500	9.45	28.00	28.72		28.82	0.015375	1.35	7.01	13.55	0.59
Rc sup	950	T 50	5.96	28.00	28.53		28.56	0.005632	0.77	7.80	16.48	0.35
Rc sup	950	T 100	6.99	28.00	28.57		28.61	0.006044	0.84	8.46	16.75	0.37
Rc sup	950	T 200	8.03	28.00	28.61		28.65	0.006444	0.90	9.07	17.00	0.39
Rc sup	950	T 500	9.45	28.00	28.65		28.70	0.006930	0.97	9.86	17.32	0.40
Rc sup	940	T 50	5.96	28.00	28.48		28.51	0.005719	0.75	8.10	18.80	0.35

HEC-RAS Plan: Plan 01 River: Baja Caddinas Reach: Rc sup (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)	
Rc sup	940	T 100	6.99	28.00	28.51		28.55	0.006100	0.82	8.77	19.07	0.37
Rc sup	940	T 200	8.03	28.00	28.55		28.58	0.006489	0.88	9.39	19.32	0.39
Rc sup	940	T 500	9.45	28.00	28.59		28.63	0.006950	0.96	10.20	19.64	0.40
Rc sup	930	T 50	5.96	28.00	28.42		28.45	0.005493	0.70	8.97	23.24	0.34
Rc sup	930	T 100	6.99	28.00	28.46		28.48	0.005837	0.76	9.74	23.57	0.36
Rc sup	930	T 200	8.03	28.00	28.49		28.52	0.006212	0.81	10.44	23.88	0.37
Rc sup	930	T 500	9.45	28.00	28.52		28.56	0.006633	0.88	11.35	24.27	0.39
Rc sup	920	T 50	5.96	28.00	28.38		28.40	0.004448	0.58	10.55	29.44	0.30
Rc sup	920	T 100	6.99	28.00	28.41		28.43	0.004693	0.63	11.46	29.71	0.31
Rc sup	920	T 200	8.03	28.00	28.44		28.46	0.004992	0.68	12.26	29.94	0.33
Rc sup	920	T 500	9.45	28.00	28.47		28.50	0.005303	0.74	13.33	30.25	0.34
Rc sup	910	T 50	5.96	28.00	28.34		28.35	0.004445	0.54	10.94	33.94	0.30
Rc sup	910	T 100	6.99	28.00	28.37		28.38	0.004626	0.58	11.93	34.18	0.31
Rc sup	910	T 200	8.03	28.00	28.39		28.41	0.004921	0.62	12.75	34.37	0.32
Rc sup	910	T 500	9.45	28.00	28.42		28.45	0.005179	0.67	13.89	34.64	0.33
Rc sup	900	T 50	5.96	28.00	28.16	28.16	28.23	0.063717	1.21	4.84	30.90	0.98
Rc sup	900	T 100	6.99	28.00	28.17	28.17	28.26	0.062008	1.29	5.38	31.05	0.99
Rc sup	900	T 200	8.03	28.00	28.19	28.19	28.28	0.059863	1.35	5.92	31.20	0.99
Rc sup	900	T 500	9.45	28.00	28.21	28.21	28.32	0.058165	1.43	6.61	31.43	0.99
Rc sup	890	T 50	5.96	24.98	25.49	25.49	25.65	0.052915	1.77	3.36	10.58	1.00
Rc sup	890	T 100	6.99	24.98	25.52	25.52	25.70	0.051537	1.86	3.77	10.84	1.01
Rc sup	890	T 200	8.03	24.98	25.56	25.56	25.75	0.049875	1.92	4.17	11.09	1.00
Rc sup	890	T 500	9.45	24.98	25.61	25.61	25.81	0.048156	2.01	4.70	11.41	1.00
Rc sup	880	T 50	5.96	24.00	24.61		24.64	0.005336	0.83	7.37	13.65	0.35
Rc sup	880	T 100	6.99	24.00	24.66		24.70	0.005721	0.90	8.00	13.89	0.37
Rc sup	880	T 200	8.03	24.00	24.70		24.75	0.006013	0.96	8.62	14.12	0.38
Rc sup	880	T 500	9.45	24.00	24.76		24.81	0.006391	1.03	9.41	14.41	0.40
Rc sup	870	T 50	5.96	24.00	24.55		24.59	0.005770	0.81	7.54	15.36	0.36
Rc sup	870	T 100	6.99	24.00	24.60		24.63	0.006180	0.88	8.19	15.62	0.38
Rc sup	870	T 200	8.03	24.00	24.64		24.68	0.006448	0.94	8.84	15.88	0.39
Rc sup	870	T 500	9.45	24.00	24.69		24.74	0.006808	1.01	9.67	16.21	0.40
Rc sup	860	T 50	5.96	24.00	24.46		24.51	0.010271	0.97	6.39	15.83	0.47
Rc sup	860	T 100	6.99	24.00	24.50		24.55	0.011114	1.05	6.92	16.12	0.49
Rc sup	860	T 200	8.03	24.00	24.53		24.59	0.011354	1.11	7.53	16.46	0.50
Rc sup	860	T 500	9.45	24.00	24.58		24.65	0.011788	1.19	8.28	16.86	0.52
Rc sup	850	T 50	5.96	24.00	24.30		24.36	0.022348	1.09	5.62	20.34	0.65
Rc sup	850	T 100	6.99	24.00	24.34		24.40	0.020059	1.12	6.44	20.78	0.62
Rc sup	850	T 200	8.03	24.00	24.33		24.42	0.030037	1.34	6.19	20.64	0.76
Rc sup	850	T 500	9.45	24.00	24.34		24.45	0.035548	1.50	6.51	20.82	0.83
Rc sup	840	T 50	5.96	23.62	23.93	23.93	24.07	0.035658	0.90	3.83	14.04	0.73
Rc sup	840	T 100	6.99	23.62	23.95	23.95	24.12	0.038979	0.99	4.18	14.69	0.78
Rc sup	840	T 200	8.03	23.62	24.04	24.04	24.11	0.027973	0.69	7.28	58.20	0.63
Rc sup	840	T 500	9.45	23.62	24.06	24.06	24.13	0.027549	0.76	8.48	58.44	0.64
Rc sup	830	T 50	5.96	21.23	21.72	21.72	21.85	0.053359	1.67	3.67	13.81	1.00
Rc sup	830	T 100	6.99	21.23	21.75	21.75	21.90	0.049309	1.73	4.18	14.22	0.97
Rc sup	830	T 200	8.03	21.23	21.78	21.78	21.94	0.049410	1.81	4.57	14.53	0.99
Rc sup	830	T 500	9.45	21.23	21.82	21.82	22.00	0.046988	1.89	5.18	15.00	0.98
Rc sup	820	T 50	5.96	20.00	20.52		20.56	0.007496	0.89	7.00	15.94	0.41
Rc sup	820	T 100	6.99	20.00	20.56		20.60	0.008060	0.96	7.60	16.26	0.43
Rc sup	820	T 200	8.03	20.00	20.59		20.64	0.008586	1.03	8.16	16.56	0.44
Rc sup	820	T 500	9.45	20.00	20.63		20.69	0.009276	1.12	8.87	16.93	0.47
Rc sup	810	T 50	5.96	20.00	20.47		20.49	0.004408	0.65	9.65	23.21	0.31
Rc sup	810	T 100	6.99	20.00	20.51		20.53	0.004709	0.70	10.48	23.59	0.32
Rc sup	810	T 200	8.03	20.00	20.54		20.57	0.004987	0.75	11.26	23.94	0.33
Rc sup	810	T 500	9.45	20.00	20.58		20.61	0.005358	0.81	12.24	24.38	0.35
Rc sup	800	T 50	5.96	20.00	20.44		20.45	0.003161	0.52	11.55	28.16	0.26
Rc sup	800	T 100	6.99	20.00	20.47		20.49	0.003391	0.57	12.50	28.46	0.27
Rc sup	800	T 200	8.03	20.00	20.50		20.52	0.003605	0.61	13.38	28.73	0.28
Rc sup	800	T 500	9.45	20.00	20.54		20.56	0.003898	0.66	14.49	29.06	0.30
Rc sup	790	T 50	5.96	20.00	20.41		20.42	0.002522	0.46	13.31	34.42	0.23
Rc sup	790	T 100	6.99	20.00	20.45		20.46	0.002695	0.50	14.41	34.77	0.24
Rc sup	790	T 200	8.03	20.00	20.48		20.49	0.002854	0.54	15.45	35.10	0.25
Rc sup	790	T 500	9.45	20.00	20.51		20.53	0.003079	0.59	16.72	35.49	0.26
Rc sup	780	T 50	5.96	20.00	20.41		20.41	0.000833	0.26	23.18	61.61	0.13
Rc sup	780	T 100	6.99	20.00	20.44		20.44	0.000883	0.29	25.17	63.44	0.14
Rc sup	780	T 200	8.03	20.00	20.47		20.47	0.000928	0.31	27.07	63.87	0.14
Rc sup	780	T 500	9.45	20.00	20.50		20.51	0.000986	0.33	29.39	64.25	0.15

HEC-RAS Plan: Plan 01 River: Baja Caddinas Reach: Rc sup (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)	
Rc sup	770	T 50	5.96	20.00	20.40		20.40	0.000467	0.20	29.75	76.89	0.10
Rc sup	770	T 100	6.99	20.00	20.43		20.43	0.000497	0.21	32.19	77.28	0.10
Rc sup	770	T 200	8.03	20.00	20.46		20.46	0.000525	0.23	34.48	77.65	0.11
Rc sup	770	T 500	9.45	20.00	20.50		20.50	0.000564	0.25	37.28	78.10	0.11
Rc sup	760	T 50	5.96	20.00	20.39		20.40	0.000547	0.21	29.04	78.35	0.11
Rc sup	760	T 100	6.99	20.00	20.43		20.43	0.000579	0.23	31.50	79.09	0.11
Rc sup	760	T 200	8.03	20.00	20.46		20.46	0.000611	0.24	33.83	80.18	0.12
Rc sup	760	T 500	9.45	20.00	20.49		20.49	0.000654	0.27	36.69	81.12	0.12
Rc sup	740	T 50	5.96	20.00	20.38		20.38	0.001168	0.30	20.76	58.05	0.15
Rc sup	740	T 100	6.99	20.00	20.41		20.41	0.001240	0.32	22.51	58.58	0.16
Rc sup	740	T 200	8.03	20.00	20.44		20.44	0.001307	0.35	24.16	59.07	0.17
Rc sup	740	T 500	9.45	20.00	20.47		20.48	0.001405	0.38	26.18	59.66	0.18
Rc sup	730	T 50	5.96	20.00	20.35		20.36	0.004209	0.54	11.98	40.54	0.29
Rc sup	730	T 100	6.99	20.00	20.38		20.39	0.004431	0.58	13.11	41.79	0.30
Rc sup	730	T 200	8.03	20.00	20.40		20.42	0.004631	0.62	14.19	43.40	0.31
Rc sup	730	T 500	9.45	20.00	20.43		20.45	0.004934	0.67	15.57	47.64	0.32
Rc sup	720	T 50	5.96	20.00	20.30		20.31	0.004562	0.51	12.19	42.89	0.29
Rc sup	720	T 100	6.99	20.00	20.33		20.34	0.004795	0.55	13.26	43.32	0.31
Rc sup	720	T 200	8.03	20.00	20.35		20.37	0.004986	0.59	14.30	43.73	0.32
Rc sup	720	T 500	9.45	20.00	20.38		20.40	0.005405	0.64	15.44	44.18	0.33
Rc sup	710	T 50	5.96	20.00	20.21		20.24	0.013083	0.66	7.54	39.51	0.47
Rc sup	710	T 100	6.99	20.00	20.23		20.27	0.012899	0.70	8.38	40.07	0.47
Rc sup	710	T 200	8.03	20.00	20.22		20.28	0.017786	0.82	8.26	39.99	0.55
Rc sup	710	T 500	9.45	20.00	20.25		20.31	0.016384	0.85	9.40	40.75	0.54
Rc sup	700	T 50	5.96	19.77	20.06	20.06	20.12	0.010928	1.20	7.66	69.59	0.74
Rc sup	700	T 100	6.99	19.77	20.07	20.07	20.14	0.012442	1.31	8.32	69.71	0.80
Rc sup	700	T 200	8.03	19.77	20.10	20.10	20.15	0.009263	1.21	10.50	70.09	0.70
Rc sup	700	T 500	9.45	19.77	20.11	20.11	20.17	0.011429	1.36	10.97	70.18	0.78
Rc sup	690	T 50	5.96	16.75	17.34	17.34	17.50	0.022560	1.74	3.45	12.29	0.97
Rc sup	690	T 100	6.99	16.75	17.37	17.37	17.55	0.024042	1.86	3.85	12.78	1.00
Rc sup	690	T 200	8.03	16.75	17.43	17.43	17.59	0.020751	1.82	4.54	14.49	0.98
Rc sup	690	T 500	9.45	16.75	17.48	17.48	17.65	0.018536	1.81	5.42	16.44	0.96
Rc sup	680	T 50	5.96	16.00	16.36		16.39	0.004354	0.75	8.45	25.76	0.40
Rc sup	680	T 100	6.99	16.00	16.39		16.42	0.004681	0.81	9.14	26.14	0.41
Rc sup	680	T 200	8.03	16.00	16.42		16.45	0.004933	0.87	9.83	26.50	0.43
Rc sup	680	T 500	9.45	16.00	16.45		16.49	0.005238	0.94	10.71	26.96	0.45
Rc sup	670	T 50	5.96	16.00	16.33		16.35	0.003961	0.66	9.41	31.01	0.37
Rc sup	670	T 100	6.99	16.00	16.35		16.37	0.004260	0.72	10.17	31.33	0.39
Rc sup	670	T 200	8.03	16.00	16.37		16.40	0.004458	0.77	10.94	31.65	0.40
Rc sup	670	T 500	9.45	16.00	16.41		16.44	0.004690	0.83	11.94	32.06	0.42
Rc sup	660	T 50	5.96	16.00	16.27		16.30	0.005858	0.72	8.62	33.32	0.44
Rc sup	660	T 100	6.99	16.00	16.29		16.32	0.006397	0.78	9.27	33.57	0.46
Rc sup	660	T 200	8.03	16.00	16.31		16.35	0.006598	0.84	10.01	33.86	0.48
Rc sup	660	T 500	9.45	16.00	16.34		16.38	0.006812	0.90	10.98	34.23	0.49
Rc sup	650	T 50	5.96	15.89	16.09	16.09	16.17	0.031462	1.04	4.89	31.20	0.91
Rc sup	650	T 100	6.99	15.89	16.11	16.11	16.20	0.027073	1.09	5.72	31.58	0.87
Rc sup	650	T 200	8.03	15.89	16.13	16.13	16.22	0.027489	1.17	6.23	31.84	0.89
Rc sup	650	T 500	9.45	15.89	16.15	16.15	16.25	0.027662	1.26	6.92	32.24	0.90
Rc sup	630	T 50	5.96	12.00	12.40		12.44	0.006137	0.90	6.62	17.63	0.47
Rc sup	630	T 100	6.99	12.00	12.43		12.47	0.006640	0.98	7.14	17.76	0.49
Rc sup	630	T 200	8.03	12.00	12.45		12.51	0.007133	1.05	7.62	17.88	0.52
Rc sup	630	T 500	9.45	12.00	12.49		12.55	0.007789	1.15	8.21	18.03	0.55
Rc sup	620	T 50	5.96	12.00	12.35		12.38	0.004534	0.75	8.12	23.77	0.40
Rc sup	620	T 100	6.99	12.00	12.38		12.41	0.004870	0.81	8.76	23.89	0.42
Rc sup	620	T 200	8.03	12.00	12.40		12.44	0.005207	0.88	9.35	24.00	0.44
Rc sup	620	T 500	9.45	12.00	12.43		12.48	0.005672	0.96	10.07	24.13	0.46
Rc sup	610	T 50	5.96	12.00	12.31		12.33	0.004407	0.68	9.11	31.05	0.39
Rc sup	610	T 100	6.99	12.00	12.34		12.36	0.004667	0.74	9.89	31.35	0.40
Rc sup	610	T 200	8.03	12.00	12.36		12.39	0.004944	0.79	10.59	31.62	0.42
Rc sup	610	T 500	9.45	12.00	12.39		12.42	0.005351	0.86	11.45	31.94	0.44
Rc sup	600	T 50	5.96	12.00	12.30		12.30	0.001720	0.41	14.96	52.57	0.24
Rc sup	600	T 100	6.99	12.00	12.32		12.33	0.001786	0.44	16.29	52.73	0.25
Rc sup	600	T 200	8.03	12.00	12.34		12.35	0.001867	0.47	17.50	52.88	0.26
Rc sup	600	T 500	9.45	12.00	12.37		12.38	0.001996	0.51	18.94	53.06	0.27
Rc sup	590	T 50	5.96	12.00	12.27		12.28	0.002089	0.43	14.08	52.27	0.26
Rc sup	590	T 100	6.99	12.00	12.30		12.31	0.002161	0.46	15.35	52.44	0.27

HEC-RAS Plan: Plan 01 River: Baja Caddinas Reach: Rc sup (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)	
Rc sup	590	T 200	8.03	12.00	12.32		12.33	0.002258	0.49	16.49	52.60	0.28
Rc sup	590	T 500	9.45	12.00	12.35		12.36	0.002426	0.54	17.82	52.78	0.29
Rc sup	580	T 50	5.96	12.00	12.24		12.26	0.003548	0.52	11.75	49.53	0.33
Rc sup	580	T 100	6.99	12.00	12.27		12.28	0.003591	0.55	12.91	49.76	0.34
Rc sup	580	T 200	8.03	12.00	12.29		12.30	0.003725	0.59	13.90	49.96	0.35
Rc sup	580	T 500	9.45	12.00	12.31		12.33	0.004027	0.64	14.99	50.19	0.37
Rc sup	570	T 50	5.96	12.00	12.13	12.13	12.18	0.030070	0.98	6.17	49.06	0.87
Rc sup	570	T 100	6.99	12.00	12.13	12.13	12.19	0.039364	1.13	6.26	49.08	1.00
Rc sup	570	T 200	8.03	12.00	12.14	12.14	12.21	0.039410	1.19	6.81	49.20	1.02
Rc sup	570	T 500	9.45	12.00	12.15	12.15	12.24	0.039447	1.27	7.51	49.35	1.03
Rc sup	560	T 50	5.96	10.57	10.75	10.75	10.82	0.028987	0.98	5.23	34.25	0.87
Rc sup	560	T 100	6.99	10.57	10.77	10.77	10.84	0.029153	1.06	5.80	34.48	0.89
Rc sup	560	T 200	8.03	10.57	10.78	10.78	10.87	0.029197	1.14	6.34	34.70	0.90
Rc sup	560	T 500	9.45	10.57	10.80	10.80	10.90	0.029151	1.23	7.05	34.98	0.92
Rc sup	550	T 50	5.96	8.98	9.28	9.28	9.39	0.030417	1.51	4.03	17.78	0.98
Rc sup	550	T 100	6.99	8.98	9.30	9.30	9.43	0.029946	1.59	4.49	18.13	0.98
Rc sup	550	T 200	8.03	8.98	9.33	9.33	9.47	0.028380	1.65	5.00	18.51	0.97
Rc sup	550	T 500	9.45	8.98	9.36	9.36	9.51	0.027375	1.73	5.62	18.93	0.97
Rc sup	540	T 50	5.96	8.00	8.52		8.57	0.005157	0.96	6.28	14.66	0.46
Rc sup	540	T 100	6.99	8.00	8.56		8.61	0.005511	1.03	6.83	15.02	0.48
Rc sup	540	T 200	8.03	8.00	8.59		8.65	0.005835	1.10	7.36	15.35	0.50
Rc sup	540	T 500	9.45	8.00	8.63		8.71	0.006240	1.19	8.03	15.75	0.52
Rc sup	530	T 50	5.96	8.00	8.51		8.53	0.001855	0.61	10.22	21.64	0.27
Rc sup	530	T 100	6.99	8.00	8.55		8.57	0.001994	0.67	11.05	21.88	0.29
Rc sup	530	T 200	8.03	8.00	8.58		8.61	0.002121	0.72	11.83	22.10	0.30
Rc sup	530	T 500	9.45	8.00	8.63		8.66	0.002282	0.78	12.83	22.38	0.31
Rc sup	520	T 50	5.96	8.00	8.49		8.51	0.002357	0.67	9.35	20.79	0.31
Rc sup	520	T 100	6.99	8.00	8.52		8.55	0.002525	0.72	10.11	21.02	0.32
Rc sup	520	T 200	8.03	8.00	8.56		8.58	0.002680	0.78	10.82	21.24	0.33
Rc sup	520	T 500	9.45	8.00	8.60		8.63	0.002876	0.85	11.71	21.50	0.35
Rc sup	510	T 50	5.96	8.00	8.46		8.48	0.002257	0.72	8.66	20.59	0.34
Rc sup	510	T 100	6.99	8.00	8.49		8.52	0.002424	0.78	9.35	20.84	0.36
Rc sup	510	T 200	8.03	8.00	8.52		8.56	0.002578	0.84	10.01	21.08	0.37
Rc sup	510	T 500	9.45	8.00	8.56		8.60	0.002773	0.91	10.84	21.37	0.39
Rc sup	500	T 50	5.96	8.00	8.44		8.46	0.002143	0.67	9.07	22.54	0.32
Rc sup	500	T 100	6.99	8.00	8.47		8.50	0.002302	0.73	9.80	22.82	0.34
Rc sup	500	T 200	8.03	8.00	8.50		8.53	0.002447	0.79	10.49	23.07	0.35
Rc sup	500	T 500	9.45	8.00	8.54		8.57	0.002632	0.85	11.36	23.39	0.37
Rc sup	490	T 50	5.96	8.00	8.42		8.44	0.002290	0.61	9.39	24.66	0.30
Rc sup	490	T 100	6.99	8.00	8.45		8.47	0.002461	0.66	10.15	24.97	0.31
Rc sup	490	T 200	8.03	8.00	8.48		8.51	0.002618	0.71	10.87	25.26	0.33
Rc sup	490	T 500	9.45	8.00	8.51		8.55	0.002816	0.77	11.78	25.62	0.34
Rc sup	480	T 50	5.96	8.00	8.39		8.41	0.002854	0.66	9.07	26.26	0.34
Rc sup	480	T 100	6.99	8.00	8.42		8.45	0.003051	0.72	9.83	26.70	0.35
Rc sup	480	T 200	8.03	8.00	8.45		8.48	0.003228	0.77	10.55	27.11	0.37
Rc sup	480	T 500	9.45	8.00	8.48		8.52	0.003451	0.84	11.47	27.63	0.39
Rc sup	470	T 50	5.96	8.00	8.36		8.38	0.002986	0.67	9.24	28.57	0.35
Rc sup	470	T 100	6.99	8.00	8.39		8.41	0.003189	0.72	10.02	29.02	0.37
Rc sup	470	T 200	8.03	8.00	8.41		8.44	0.003369	0.78	10.76	29.44	0.38
Rc sup	470	T 500	9.45	8.00	8.45		8.48	0.003596	0.84	11.70	29.96	0.40
Rc sup	460	T 50	5.96	8.00	8.34		8.36	0.001975	0.48	11.57	37.17	0.26
Rc sup	460	T 100	6.99	8.00	8.37		8.39	0.002100	0.52	12.55	37.69	0.28
Rc sup	460	T 200	8.03	8.00	8.39		8.41	0.002208	0.56	13.49	38.18	0.29
Rc sup	460	T 500	9.45	8.00	8.42		8.45	0.002343	0.61	14.69	38.79	0.30
Rc sup	450	T 50	5.96	8.00	8.33		8.34	0.001252	0.38	15.64	51.61	0.21
Rc sup	450	T 100	6.99	8.00	8.36		8.37	0.001321	0.41	17.01	52.42	0.22
Rc sup	450	T 200	8.03	8.00	8.38		8.39	0.001376	0.43	18.33	53.14	0.22
Rc sup	450	T 500	9.45	8.00	8.41		8.43	0.001438	0.47	20.01	53.83	0.23
Rc sup	440	T 50	5.96	8.00	8.32		8.33	0.000714	0.28	18.82	60.75	0.16
Rc sup	440	T 100	6.99	8.00	8.35		8.36	0.000757	0.30	20.41	61.18	0.16
Rc sup	440	T 200	8.03	8.00	8.38		8.38	0.000792	0.33	21.92	61.59	0.17
Rc sup	440	T 500	9.45	8.00	8.41		8.41	0.000836	0.35	23.85	62.11	0.18
Rc sup	430	T 50	5.96	8.00	8.32		8.32	0.000567	0.25	19.34	63.21	0.14
Rc sup	430	T 100	6.99	8.00	8.34		8.35	0.000600	0.27	20.96	63.58	0.15
Rc sup	430	T 200	8.03	8.00	8.37		8.37	0.000629	0.29	22.51	63.93	0.15
Rc sup	430	T 500	9.45	8.00	8.40		8.41	0.000664	0.31	24.48	64.37	0.16

HEC-RAS Plan: Plan 01 River: Baja Caddinas Reach: Rc sup (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)	
Rc sup	410	T 50	5.96	8.00	8.31		8.31	0.000348	0.19	21.64	71.42	0.11
Rc sup	410	T 100	6.99	8.00	8.33		8.34	0.000369	0.21	23.43	71.61	0.11
Rc sup	410	T 200	8.03	8.00	8.36		8.36	0.000386	0.22	25.14	71.80	0.12
Rc sup	410	T 500	9.45	8.00	8.39		8.39	0.000408	0.24	27.32	72.04	0.12
Rc sup	400	T 50	5.96	8.00	8.27		8.30	0.006679	0.76	7.78	36.14	0.47
Rc sup	400	T 100	6.99	8.00	8.29		8.33	0.006910	0.81	8.54	37.26	0.48
Rc sup	400	T 200	8.03	8.00	8.31		8.35	0.007045	0.86	9.29	38.34	0.49
Rc sup	400	T 500	9.45	8.00	8.34		8.38	0.007183	0.91	10.27	39.71	0.50
Rc sup	390	T 50	5.96	8.00	8.27		8.28	0.000737	0.25	15.70	60.16	0.15
Rc sup	390	T 100	6.99	8.00	8.29		8.30	0.000783	0.27	16.99	60.42	0.16
Rc sup	390	T 200	8.03	8.00	8.31		8.32	0.000820	0.29	18.25	60.67	0.17
Rc sup	390	T 500	9.45	8.00	8.34		8.35	0.000865	0.32	19.84	60.99	0.17
Rc sup	380	T 50	5.96	8.00	8.26		8.27	0.000872	0.27	14.69	58.41	0.17
Rc sup	380	T 100	6.99	8.00	8.28		8.29	0.000928	0.29	15.91	58.70	0.17
Rc sup	380	T 200	8.03	8.00	8.30		8.31	0.000970	0.31	17.09	58.98	0.18
Rc sup	380	T 500	9.45	8.00	8.33		8.34	0.001023	0.34	18.59	59.33	0.19
Rc sup	370	T 50	5.96	8.00	8.24		8.26	0.001608	0.34	11.56	49.35	0.22
Rc sup	370	T 100	6.99	8.00	8.26		8.28	0.001722	0.37	12.48	49.53	0.23
Rc sup	370	T 200	8.03	8.00	8.28		8.30	0.001807	0.40	13.39	49.71	0.24
Rc sup	370	T 500	9.45	8.00	8.30		8.33	0.001914	0.44	14.54	49.94	0.25
Rc sup	360	T 50	5.96	8.00	8.22		8.24	0.001781	0.49	10.44	48.44	0.33
Rc sup	360	T 100	6.99	8.00	8.24		8.26	0.001907	0.53	11.27	48.64	0.35
Rc sup	360	T 200	8.03	8.00	8.26		8.28	0.001988	0.57	12.12	48.85	0.36
Rc sup	360	T 500	9.45	8.00	8.28		8.30	0.002090	0.61	13.19	49.11	0.37
Rc sup	350	T 50	5.96	8.00	8.20		8.22	0.002328	0.65	9.29	48.43	0.47
Rc sup	350	T 100	6.99	8.00	8.21		8.24	0.002524	0.71	9.99	48.60	0.49
Rc sup	350	T 200	8.03	8.00	8.23		8.26	0.002622	0.76	10.75	48.78	0.51
Rc sup	350	T 500	9.45	8.00	8.25		8.28	0.002749	0.82	11.71	49.01	0.53
Rc sup	340	T 50	5.96	8.00	8.11	8.11	8.17	0.015073	1.10	5.46	52.19	1.08
Rc sup	340	T 100	6.99	8.00	8.12	8.12	8.18	0.012410	1.11	6.38	52.41	1.00
Rc sup	340	T 200	8.03	8.00	8.14	8.14	8.20	0.012210	1.16	6.98	52.56	1.01
Rc sup	340	T 500	9.45	8.00	8.15	8.15	8.23	0.011536	1.22	7.84	52.76	1.00
Rc sup	330	T 50	5.96	7.41	7.62	7.62	7.69	0.008266	1.08	5.39	38.19	0.86
Rc sup	330	T 100	6.99	7.41	7.63	7.63	7.71	0.008311	1.16	6.08	40.56	0.87
Rc sup	330	T 200	8.03	7.41	7.65	7.65	7.73	0.008887	1.25	6.59	42.23	0.91
Rc sup	330	T 500	9.45	7.41	7.67	7.67	7.76	0.007836	1.29	7.83	46.06	0.88
Rc sup	320	T 50	5.96	6.62	6.87	6.87	6.94	0.008522	1.31	5.41	38.23	0.91
Rc sup	320	T 100	6.99	6.62	6.88	6.88	6.97	0.009678	1.44	5.82	39.66	0.98
Rc sup	320	T 200	8.03	6.62	6.91	6.91	6.99	0.007826	1.40	7.02	43.24	0.90
Rc sup	320	T 500	9.45	6.62	6.92	6.92	7.01	0.008578	1.52	7.61	43.72	0.95
Rc sup	310	T 50	5.96	5.78	6.16	6.16	6.26	0.007485	1.54	4.62	24.56	0.90
Rc sup	310	T 100	6.99	5.78	6.19	6.19	6.29	0.006665	1.56	5.50	27.65	0.87
Rc sup	310	T 200	8.03	5.78	6.21	6.21	6.32	0.006642	1.63	6.12	29.02	0.87
Rc sup	310	T 500	9.45	5.78	6.24	6.24	6.36	0.006418	1.69	7.02	30.91	0.87
Rc sup	300	T 50	5.96	5.09	5.46	5.46	5.55	0.009397	1.50	4.54	25.14	0.98
Rc sup	300	T 100	6.99	5.09	5.48	5.48	5.59	0.009483	1.61	5.14	27.75	1.00
Rc sup	300	T 200	8.03	5.09	5.51	5.51	5.61	0.008324	1.61	5.94	29.14	0.95
Rc sup	300	T 500	9.45	5.09	5.53	5.53	5.65	0.008533	1.71	6.57	29.89	0.97
Rc sup	290	T 50	5.96	4.41	4.74	4.74	4.83	0.010568	1.26	4.36	22.92	0.98
Rc sup	290	T 100	6.99	4.41	4.76	4.76	4.87	0.010551	1.31	4.86	23.67	0.99
Rc sup	290	T 200	8.03	4.41	4.78	4.78	4.90	0.010135	1.34	5.42	24.49	0.98
Rc sup	290	T 500	9.45	4.41	4.81	4.81	4.94	0.009632	1.38	6.16	25.53	0.96
Rc sup	280	T 50	5.96	4.00	4.32		4.35	0.002039	0.73	7.78	28.24	0.46
Rc sup	280	T 100	6.99	4.00	4.34		4.38	0.002210	0.79	8.41	28.69	0.48
Rc sup	280	T 200	8.03	4.00	4.36		4.40	0.002354	0.85	9.02	29.12	0.50
Rc sup	280	T 500	9.45	4.00	4.39		4.44	0.002508	0.92	9.84	29.67	0.53
Rc sup	270	T 50	5.96	4.00	4.31		4.33	0.001010	0.59	10.57	36.09	0.33
Rc sup	270	T 100	6.99	4.00	4.34		4.36	0.001099	0.64	11.38	36.44	0.35
Rc sup	270	T 200	8.03	4.00	4.36		4.38	0.001173	0.69	12.17	36.79	0.37
Rc sup	270	T 500	9.45	4.00	4.39		4.41	0.001253	0.75	13.22	37.23	0.39
Rc sup	260	T 50	5.96	4.00	4.31		4.32	0.000594	0.45	13.79	46.72	0.26
Rc sup	260	T 100	6.99	4.00	4.33		4.35	0.000645	0.49	14.84	47.08	0.27
Rc sup	260	T 200	8.03	4.00	4.36		4.37	0.000687	0.53	15.88	47.43	0.28
Rc sup	260	T 500	9.45	4.00	4.38		4.40	0.000731	0.57	17.25	47.89	0.29
Rc sup	250	T 50	5.96	4.00	4.31		4.32	0.000332	0.33	18.33	61.43	0.19
Rc sup	250	T 100	6.99	4.00	4.33		4.34	0.000360	0.36	19.72	61.76	0.20
Rc sup	250	T 200	8.03	4.00	4.35		4.36	0.000382	0.39	21.09	62.07	0.21

HEC-RAS Plan: Plan 01 River: Baja Caddinas Reach: Rc sup (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)	
Rc sup	250	T 500	9.45	4.00	4.38		4.39	0.000406	0.43	22.90	62.49	0.22
Rc sup	240	T 50	5.96	4.00	4.31		4.31	0.000289	0.31	19.72	66.54	0.18
Rc sup	240	T 100	6.99	4.00	4.33		4.34	0.000314	0.34	21.22	66.90	0.19
Rc sup	240	T 200	8.03	4.00	4.35		4.36	0.000333	0.36	22.69	67.24	0.20
Rc sup	240	T 500	9.45	4.00	4.38		4.39	0.000353	0.40	24.65	67.70	0.20
Rc sup	230	T 50	5.96	4.00	4.30		4.31	0.000255	0.29	21.16	72.26	0.17
Rc sup	230	T 100	6.99	4.00	4.33		4.33	0.000276	0.32	22.78	72.68	0.18
Rc sup	230	T 200	8.03	4.00	4.35		4.35	0.000294	0.34	24.37	73.09	0.18
Rc sup	230	T 500	9.45	4.00	4.38		4.38	0.000311	0.37	26.49	73.64	0.19
Rc sup	220	T 50	5.96	4.00	4.30		4.31	0.000282	0.30	20.34	70.50	0.18
Rc sup	220	T 100	6.99	4.00	4.32		4.33	0.000305	0.33	21.90	70.95	0.18
Rc sup	220	T 200	8.03	4.00	4.35		4.35	0.000324	0.35	23.43	71.39	0.19
Rc sup	220	T 500	9.45	4.00	4.37		4.38	0.000343	0.38	25.48	71.98	0.20
Rc sup	210	T 50	5.96	4.00	4.30		4.30	0.000285	0.30	20.37	71.47	0.18
Rc sup	210	T 100	6.99	4.00	4.32		4.33	0.000309	0.33	21.93	71.96	0.19
Rc sup	210	T 200	8.03	4.00	4.34		4.35	0.000328	0.35	23.47	72.43	0.19
Rc sup	210	T 500	9.45	4.00	4.37		4.38	0.000347	0.38	25.55	73.06	0.20
Rc sup	200	T 50	5.96	4.00	4.30		4.30	0.000164	0.23	26.43	90.24	0.13
Rc sup	200	T 100	6.99	4.00	4.32		4.32	0.000178	0.25	28.41	90.46	0.14
Rc sup	200	T 200	8.03	4.00	4.34		4.34	0.000189	0.27	30.35	90.68	0.15
Rc sup	200	T 500	9.45	4.00	4.37		4.37	0.000200	0.29	32.95	90.97	0.15
Rc sup	190	T 50	5.96	4.00	4.29		4.30	0.000319	0.32	20.94	88.02	0.19
Rc sup	190	T 100	6.99	4.00	4.32		4.32	0.000336	0.34	22.85	89.26	0.19
Rc sup	190	T 200	8.03	4.00	4.34		4.34	0.000347	0.36	24.75	90.40	0.20
Rc sup	190	T 500	9.45	4.00	4.36		4.37	0.000354	0.38	27.33	91.72	0.20
Rc sup	160	T 50	5.96	4.00	4.28		4.29	0.000458	0.31	18.36	75.38	0.19
Rc sup	160	T 100	6.99	4.00	4.30		4.31	0.000494	0.34	19.92	78.17	0.20
Rc sup	160	T 200	8.03	4.00	4.32		4.33	0.000515	0.37	21.54	79.85	0.21
Rc sup	160	T 500	9.45	4.00	4.35		4.36	0.000525	0.39	23.78	80.87	0.21
Rc sup	150	T 50	5.96	4.00	4.28		4.28	0.000531	0.28	19.61	85.34	0.17
Rc sup	150	T 100	6.99	4.00	4.30		4.30	0.000561	0.30	21.36	86.63	0.18
Rc sup	150	T 200	8.03	4.00	4.32		4.32	0.000573	0.32	23.12	86.74	0.18
Rc sup	150	T 500	9.45	4.00	4.34		4.35	0.000574	0.34	25.55	86.89	0.18
Rc sup	140	T 50	5.96	4.00	4.27		4.27	0.000454	0.25	21.99	91.44	0.16
Rc sup	140	T 100	6.99	4.00	4.29		4.30	0.000482	0.28	23.82	91.60	0.16
Rc sup	140	T 200	8.03	4.00	4.31		4.32	0.000498	0.29	25.67	91.77	0.17
Rc sup	140	T 500	9.45	4.00	4.34		4.34	0.000505	0.31	28.24	92.00	0.17
Rc sup	130	T 50	5.96	4.00	4.27		4.27	0.000421	0.24	23.02	91.44	0.15
Rc sup	130	T 100	6.99	4.00	4.29		4.29	0.000454	0.26	24.81	91.57	0.16
Rc sup	130	T 200	8.03	4.00	4.31		4.31	0.000475	0.28	26.64	91.71	0.16
Rc sup	130	T 500	9.45	4.00	4.33		4.34	0.000487	0.30	29.19	91.90	0.17
Rc sup	120	T 50	5.96	4.00	4.26		4.27	0.000344	0.22	25.25	99.77	0.14
Rc sup	120	T 100	6.99	4.00	4.28		4.29	0.000372	0.24	27.18	99.77	0.14
Rc sup	120	T 200	8.03	4.00	4.30		4.31	0.000389	0.25	29.16	99.77	0.15
Rc sup	120	T 500	9.45	4.00	4.33		4.33	0.000399	0.27	31.93	99.77	0.15
Rc sup	100	T 50	5.96	4.00	4.26		4.26	0.000356	0.22	25.06	99.13	0.14
Rc sup	100	T 100	6.99	4.00	4.28		4.28	0.000387	0.24	26.92	99.34	0.14
Rc sup	100	T 200	8.03	4.00	4.29		4.30	0.000406	0.26	28.86	99.56	0.15
Rc sup	100	T 500	9.45	4.00	4.32		4.33	0.000417	0.27	31.60	99.74	0.15
Rc sup	90	T 50	5.96	4.00	4.25		4.26	0.000440	0.24	22.96	96.00	0.15
Rc sup	90	T 100	6.99	4.00	4.27		4.27	0.000476	0.26	24.72	96.35	0.16
Rc sup	90	T 200	8.03	4.00	4.29		4.29	0.000496	0.28	26.57	96.72	0.17
Rc sup	90	T 500	9.45	4.00	4.32		4.32	0.000504	0.30	29.22	97.24	0.17
Rc sup	70	T 50	5.96	4.00	4.24		4.25	0.000541	0.26	20.75	90.45	0.17
Rc sup	70	T 100	6.99	4.00	4.26		4.26	0.000588	0.29	22.32	90.92	0.18
Rc sup	70	T 200	8.03	4.00	4.28		4.28	0.000612	0.31	24.01	91.43	0.19
Rc sup	70	T 500	9.45	4.00	4.30		4.31	0.000616	0.33	26.50	92.16	0.19
Rc sup	60	T 50	5.96	4.00	4.24		4.24	0.000547	0.26	20.67	92.25	0.17
Rc sup	60	T 100	6.99	4.00	4.25		4.26	0.000596	0.29	22.23	92.74	0.18
Rc sup	60	T 200	8.03	4.00	4.27		4.28	0.000619	0.31	23.93	93.29	0.19
Rc sup	60	T 500	9.45	4.00	4.30		4.30	0.000620	0.33	26.47	94.09	0.19
Rc sup	50	T 50	5.96	4.00	4.23		4.23	0.000835	0.31	17.77	85.02	0.21
Rc sup	50	T 100	6.99	4.00	4.24		4.25	0.000908	0.34	19.12	85.67	0.22
Rc sup	50	T 200	8.03	4.00	4.26		4.27	0.000937	0.36	20.66	86.41	0.22
Rc sup	50	T 500	9.45	4.00	4.29		4.30	0.000922	0.38	23.00	87.52	0.23
Rc sup	30	T 50	5.96	4.00	4.12	4.12	4.17	0.022954	1.01	5.74	51.69	0.94

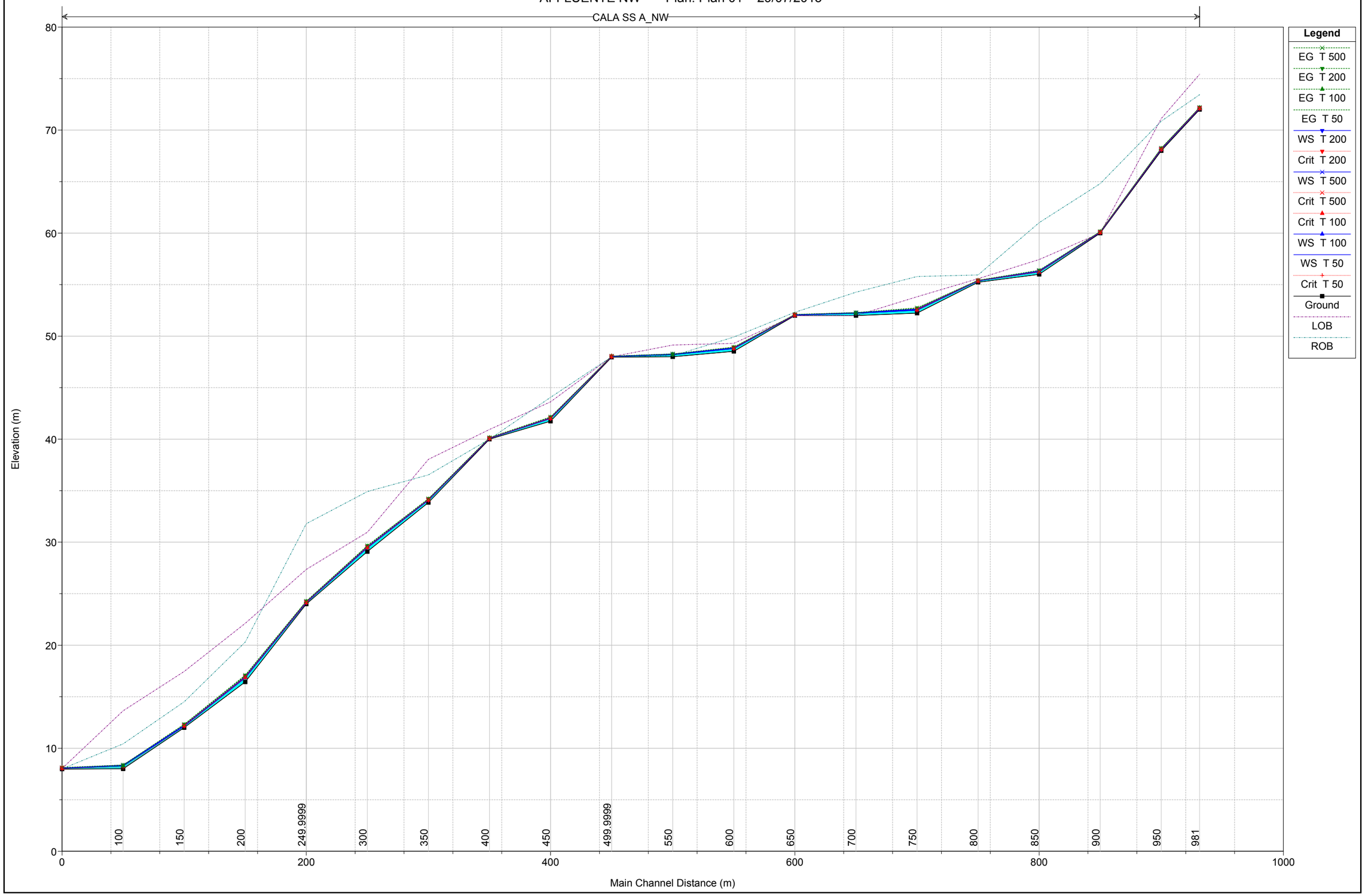
HEC-RAS Plan: Plan 01 River: Baja Caddinas Reach: Rc sup (Continued)

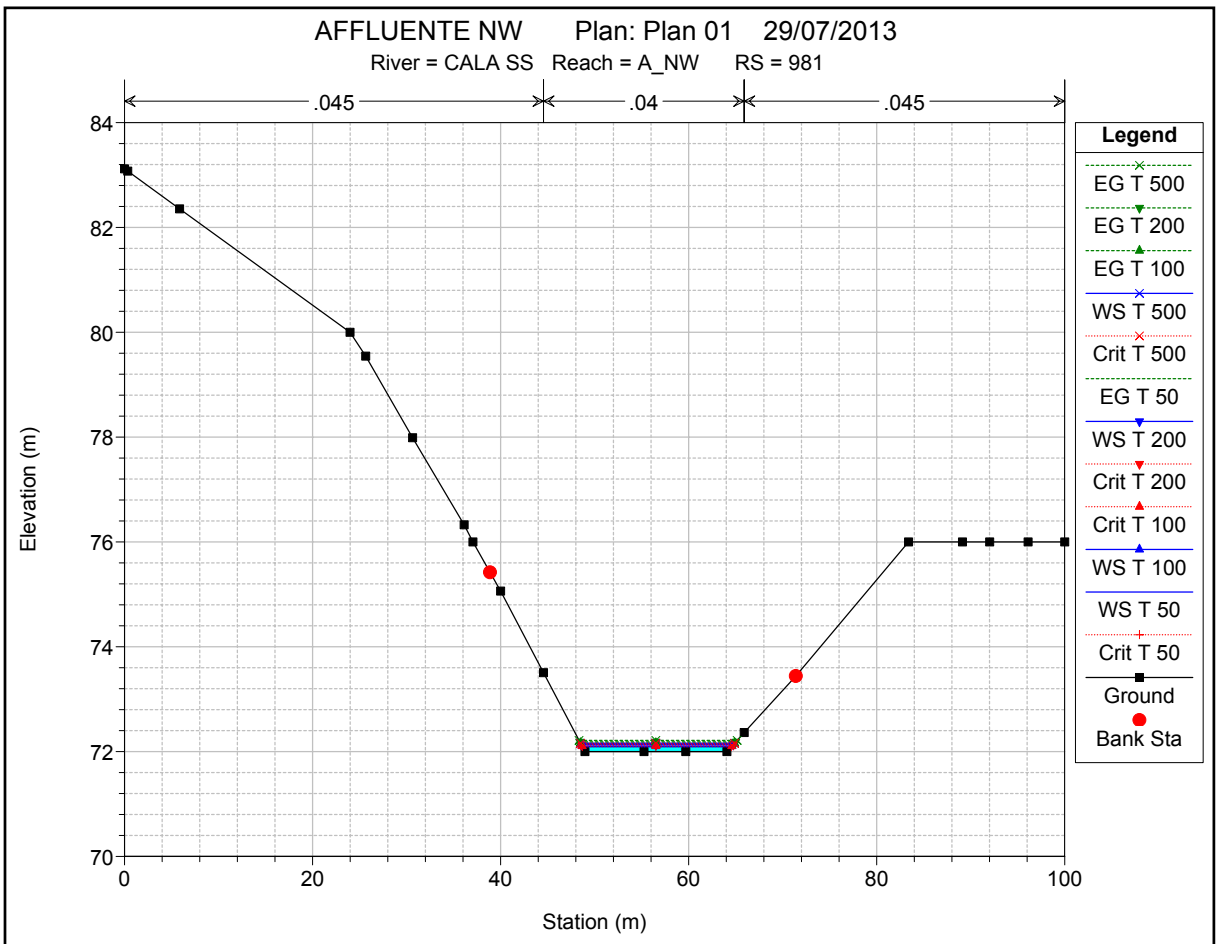
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Rc sup	30	T 100	6.99	4.00	4.13	4.13	4.19	0.024926	1.10	6.18	52.08	0.99
Rc sup	30	T 200	8.03	4.00	4.14	4.14	4.21	0.021057	1.10	7.10	52.90	0.93
Rc sup	30	T 500	9.45	4.00	4.16	4.16	4.23	0.019905	1.15	8.00	53.58	0.92

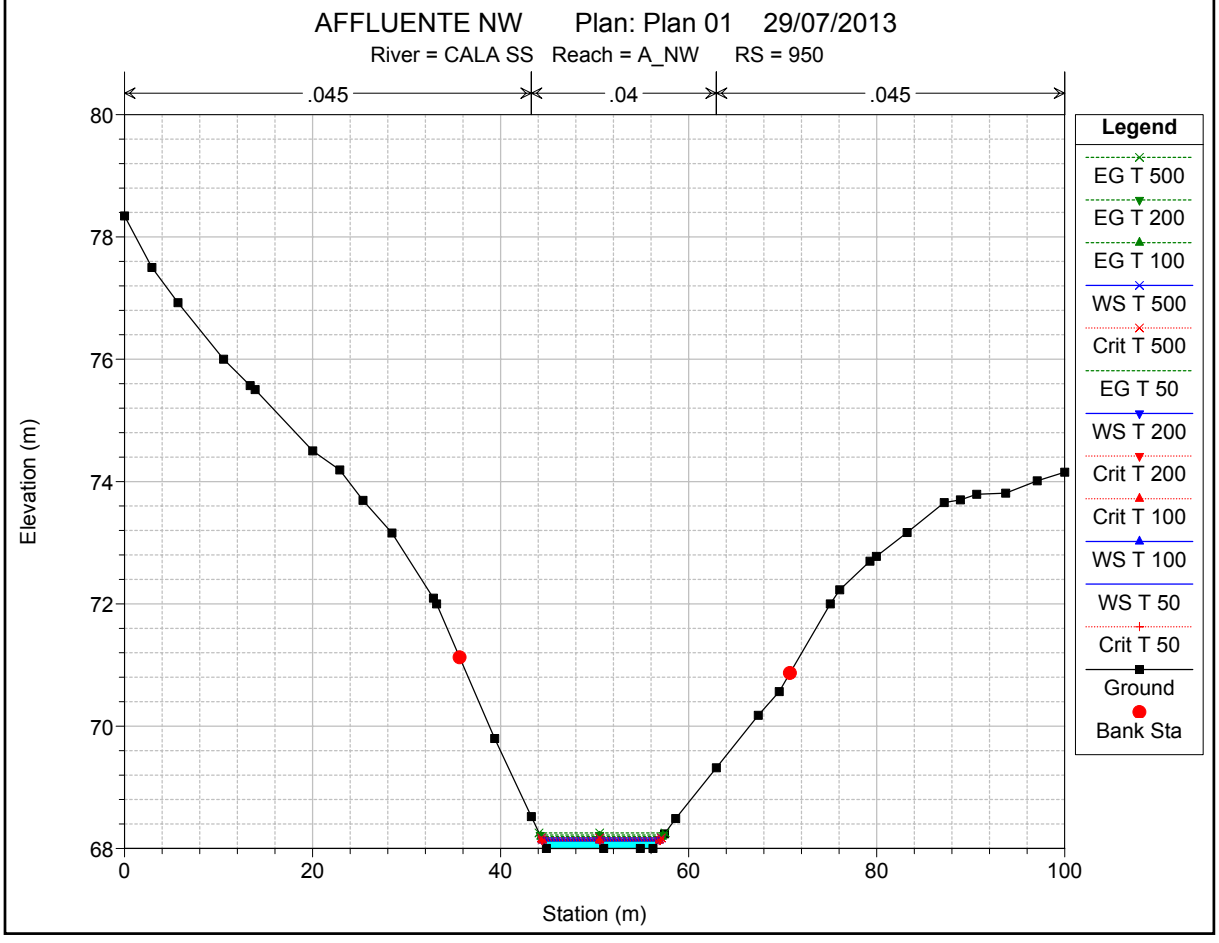
IL BACINO CALA SASSARI
Ramo Nord-Ovest

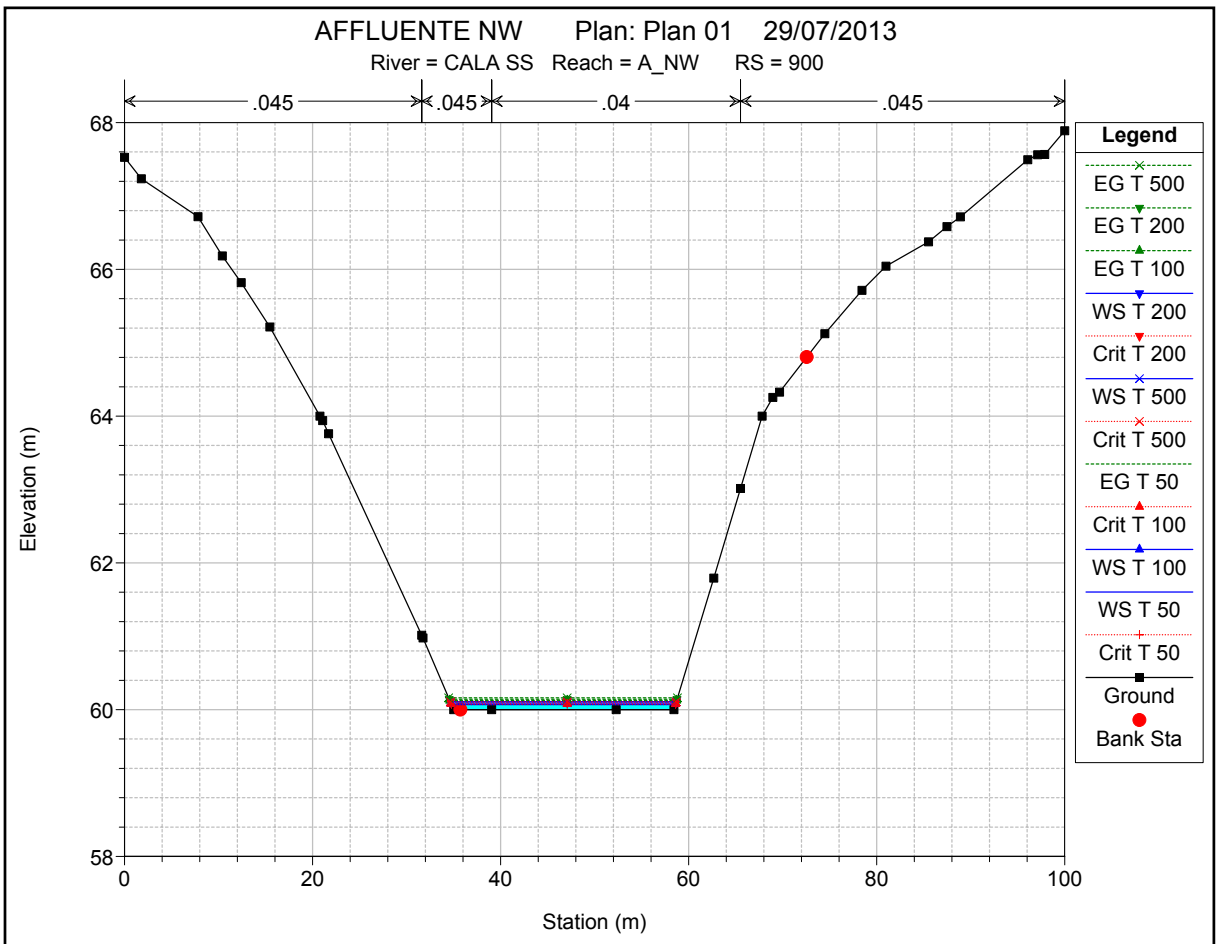
AFFLUENTE NW Plan: Plan 01 29/07/2013

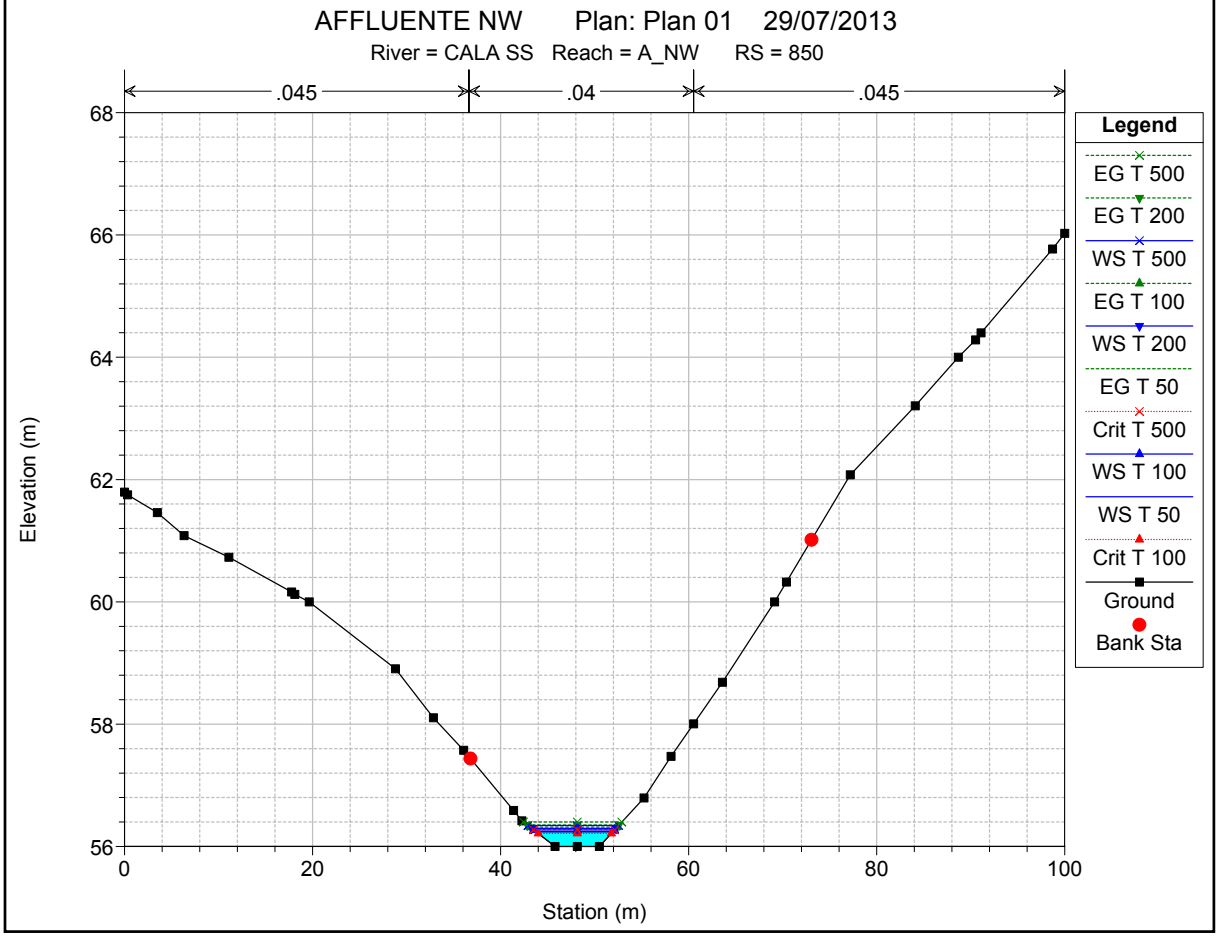
CALA SS A_NW

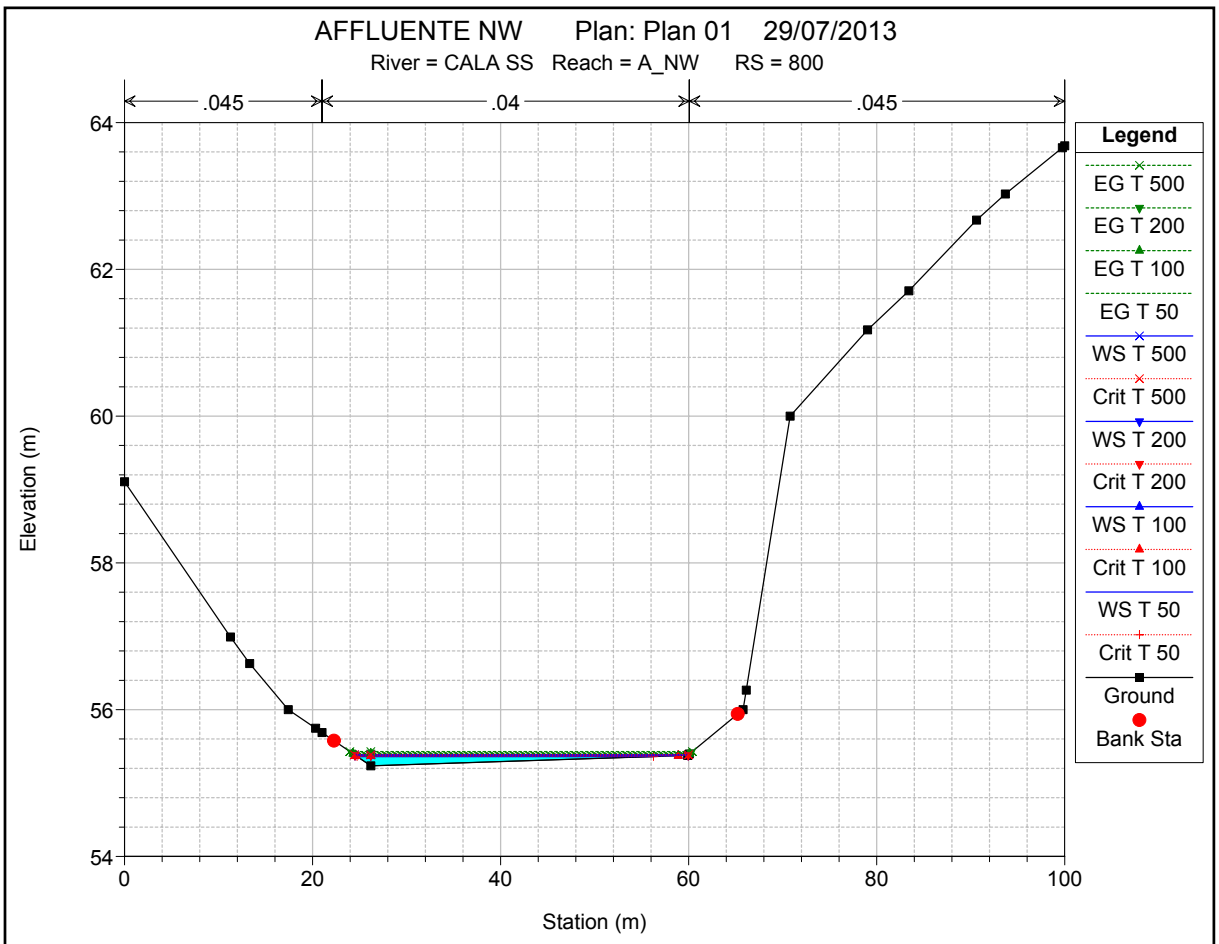


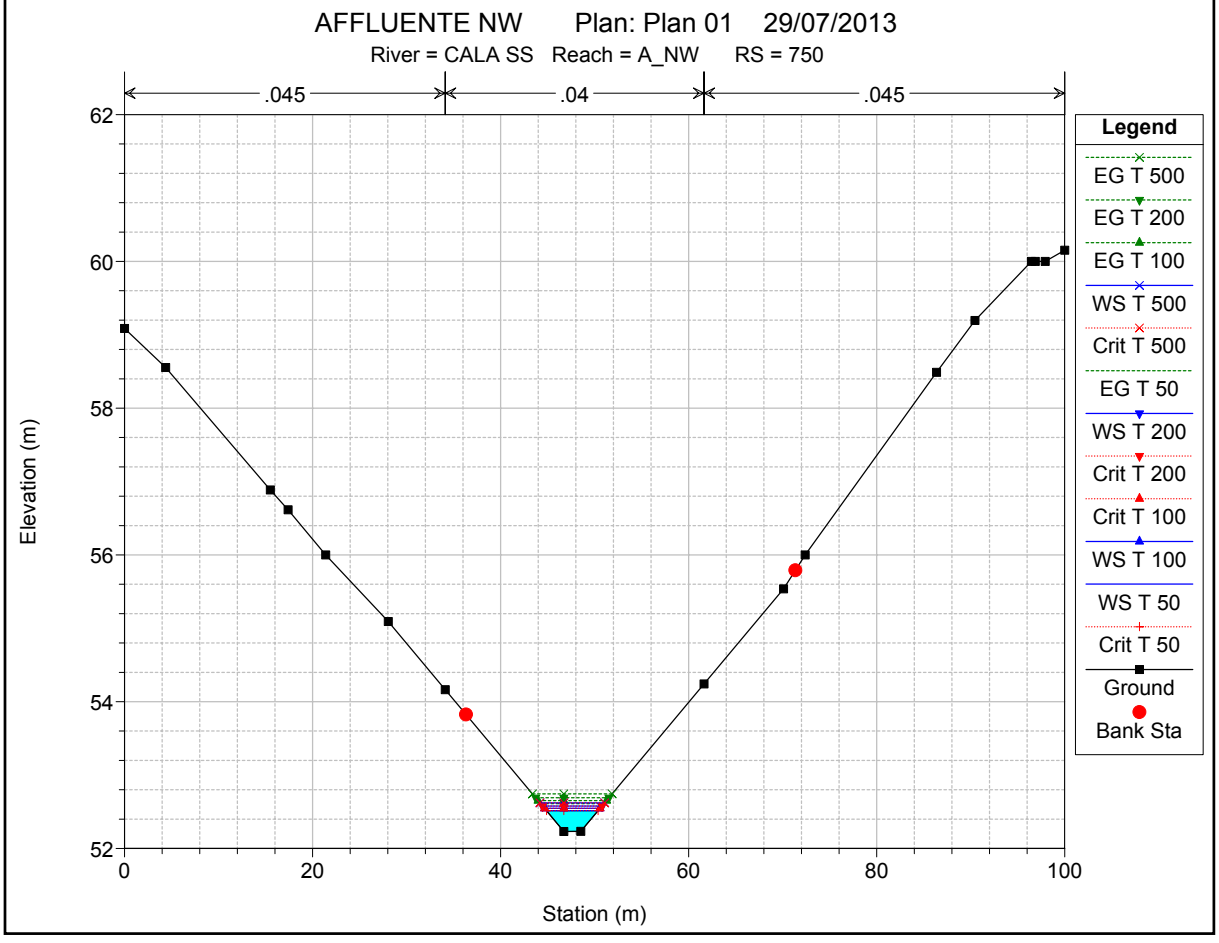

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 981
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

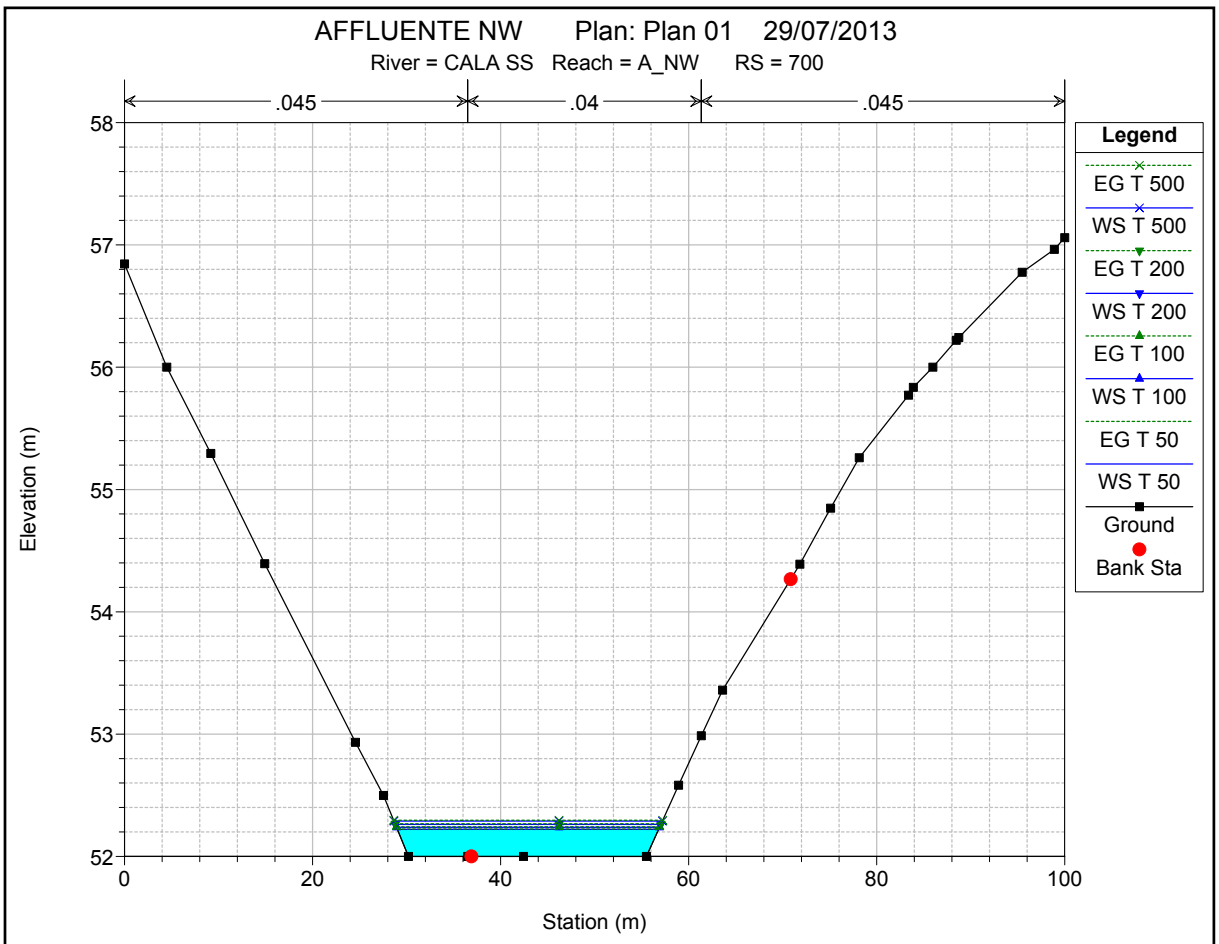

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 950
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

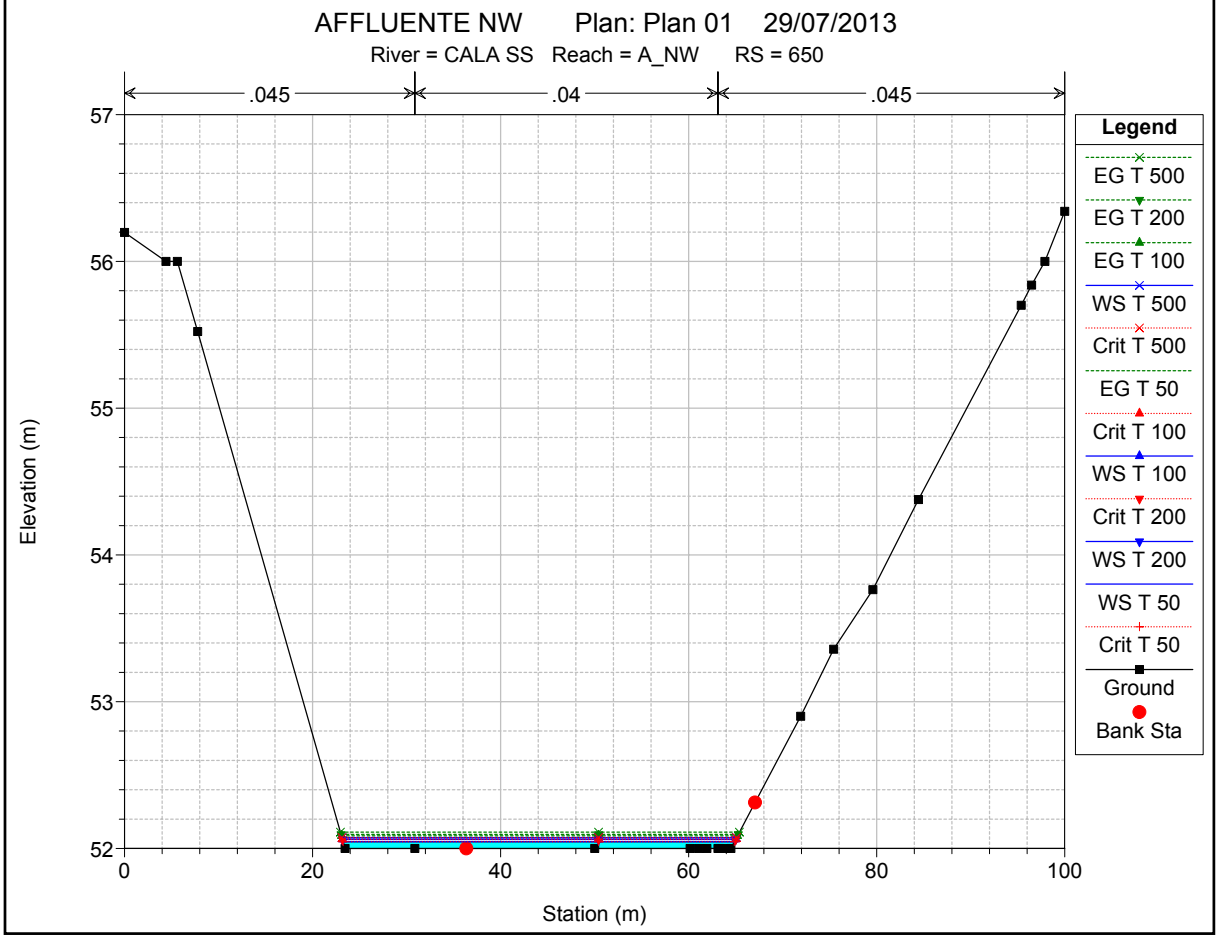

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 900
.045
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 200
Crit T 200
WS T 500
Crit T 500
EG T 50
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

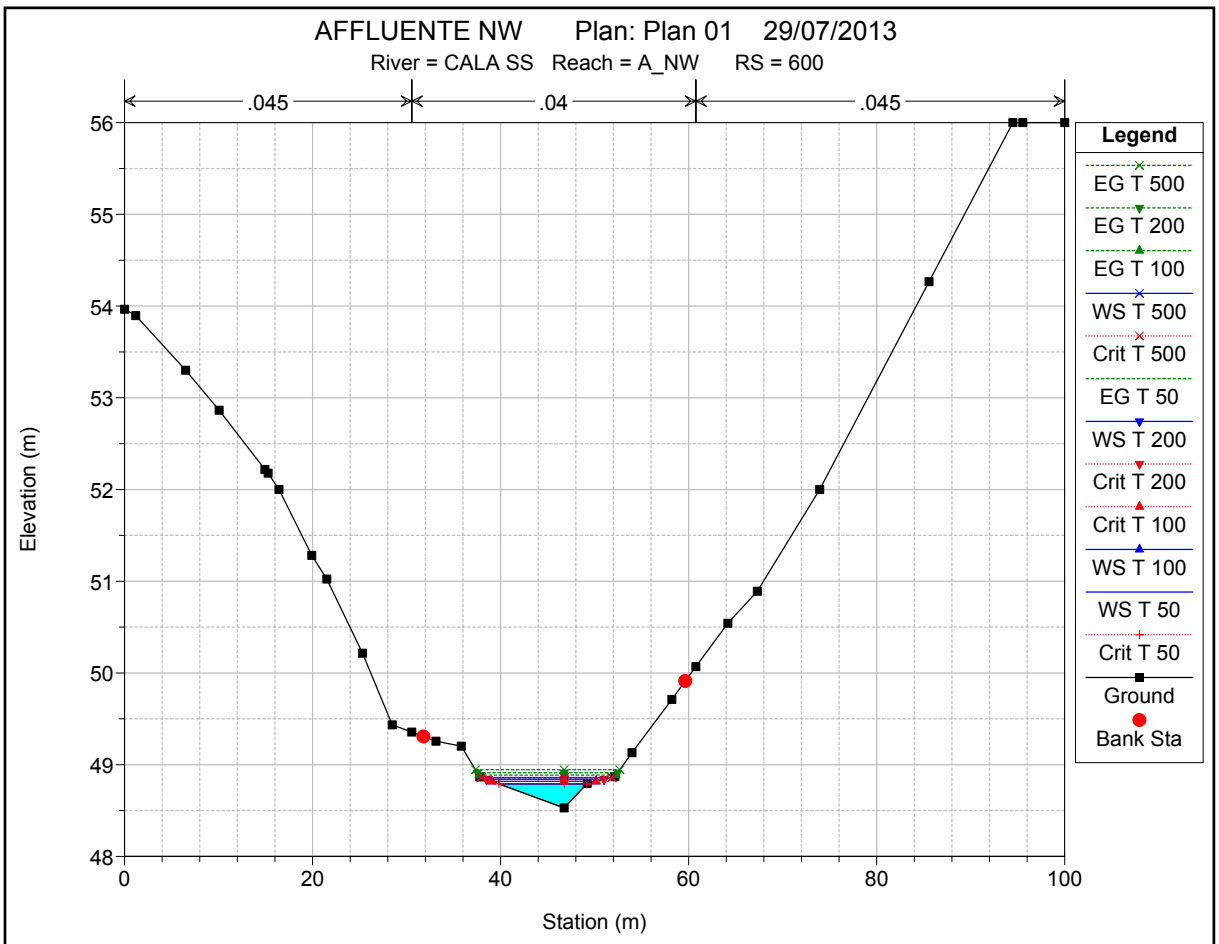

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 850
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
WS T 500
EG T 100
WS T 200
EG T 50
Crit T 500
WS T 100
WS T 50
Crit T 100
Ground
Bank Sta

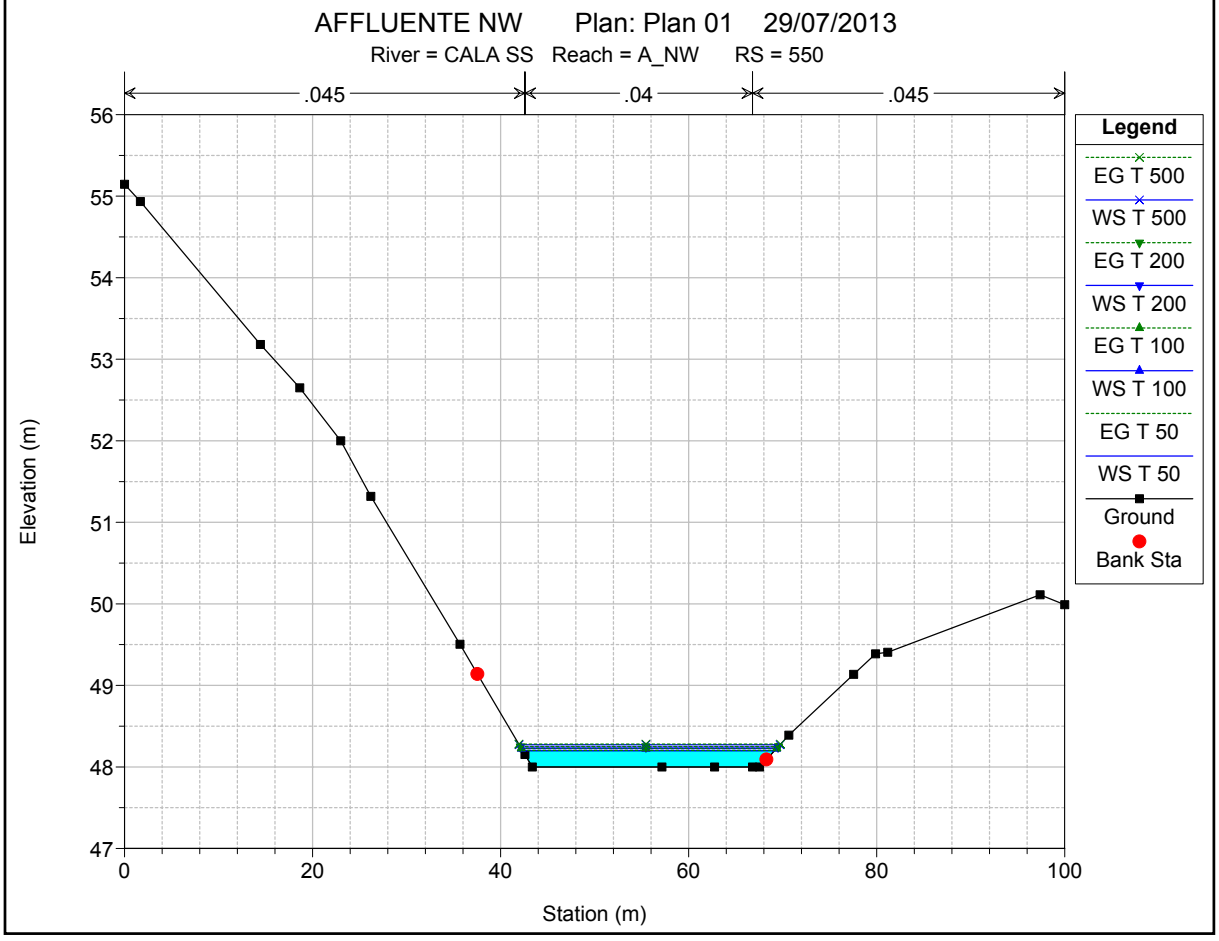

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 800
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
EG T 50
WS T 500
Crit T 500
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta

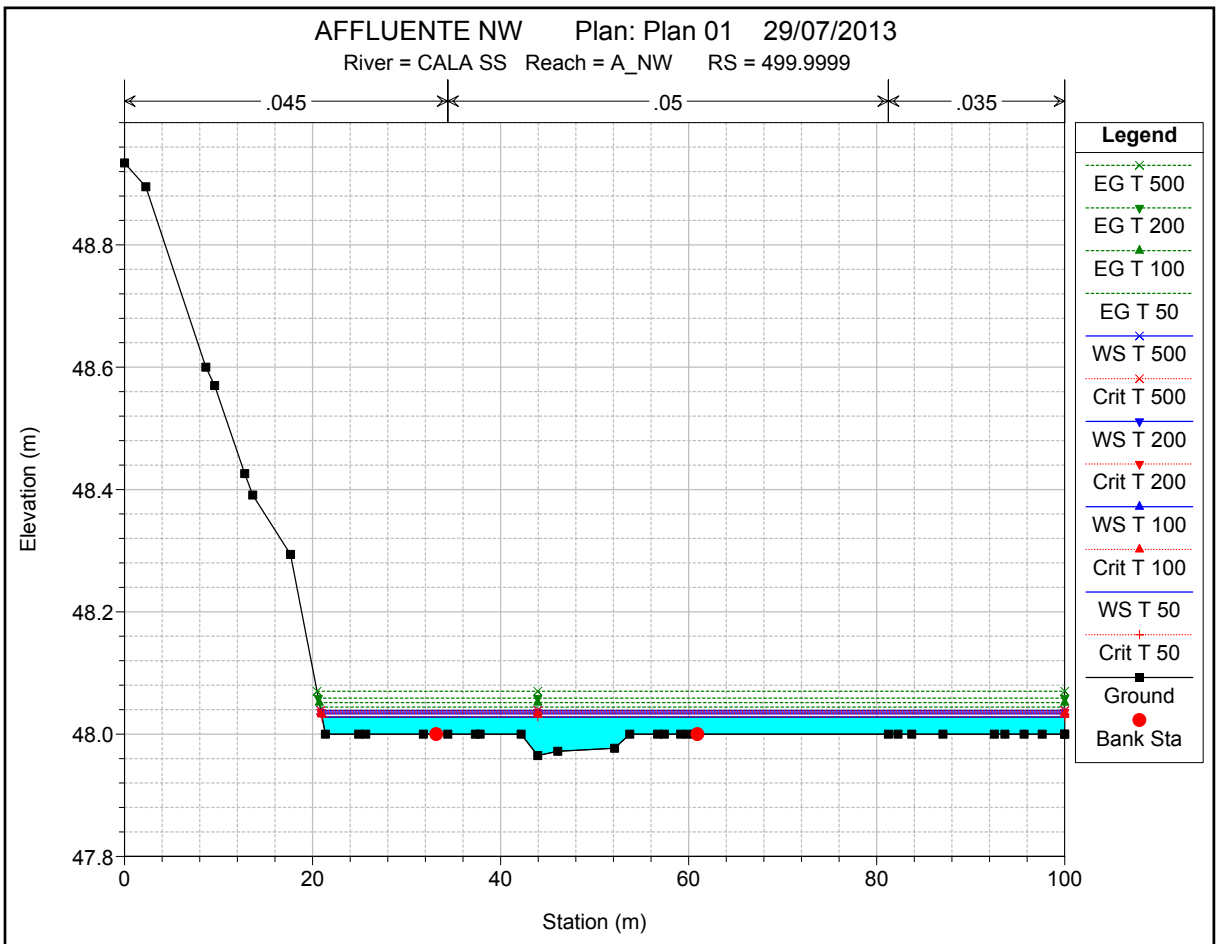

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 750
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

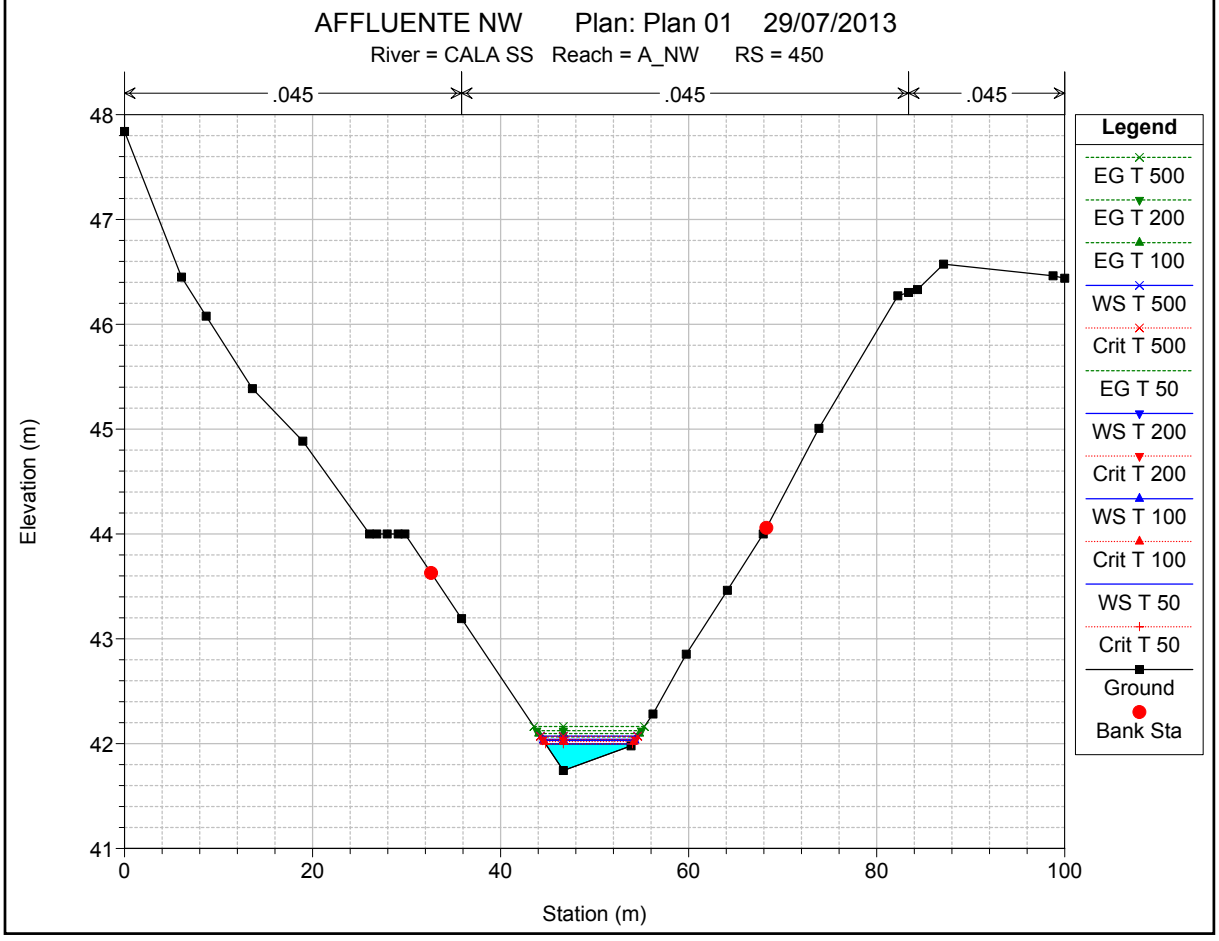

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 700
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

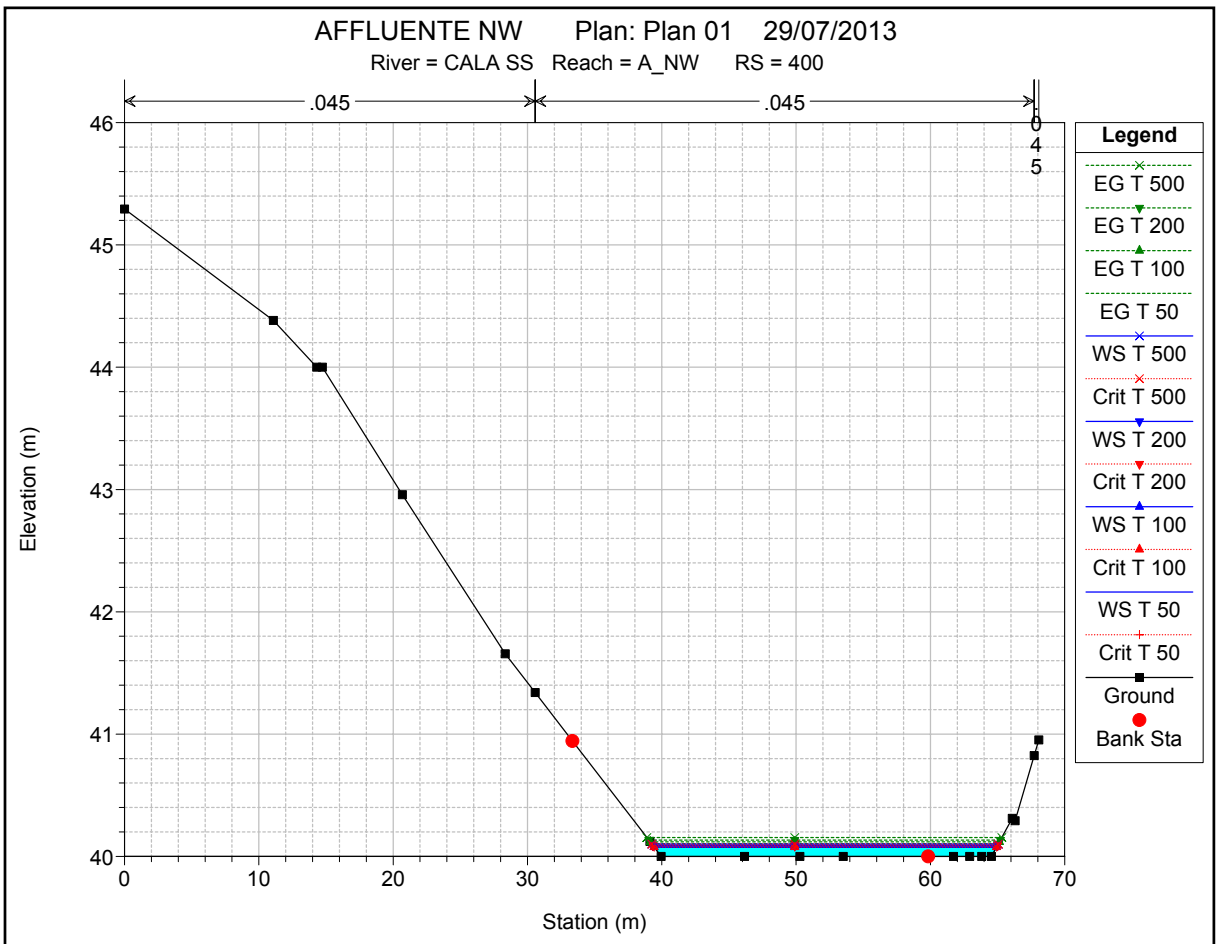

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 650
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
Crit T 100
WS T 100
Crit T 200
WS T 200
WS T 50
Crit T 50
Ground
Bank Sta

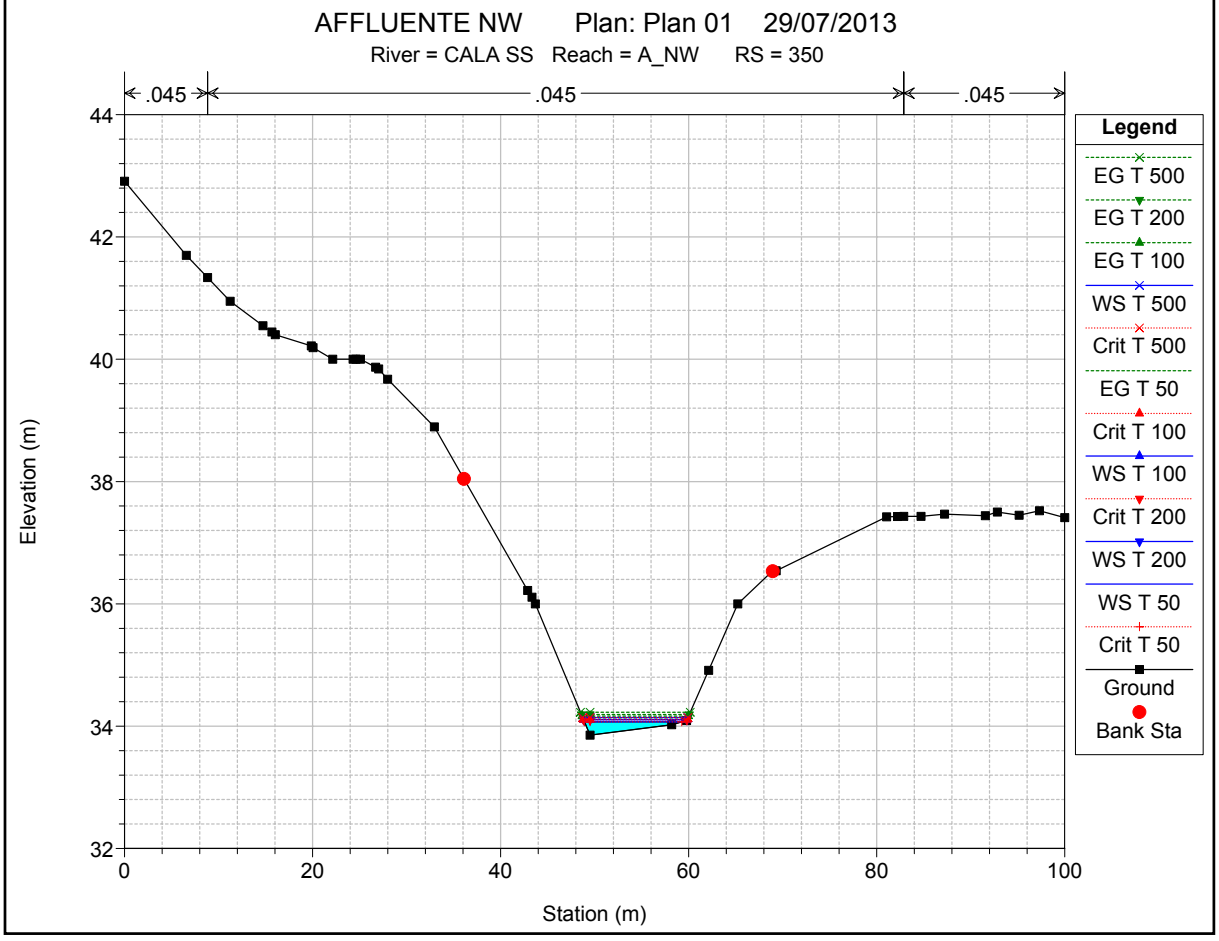

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 600
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

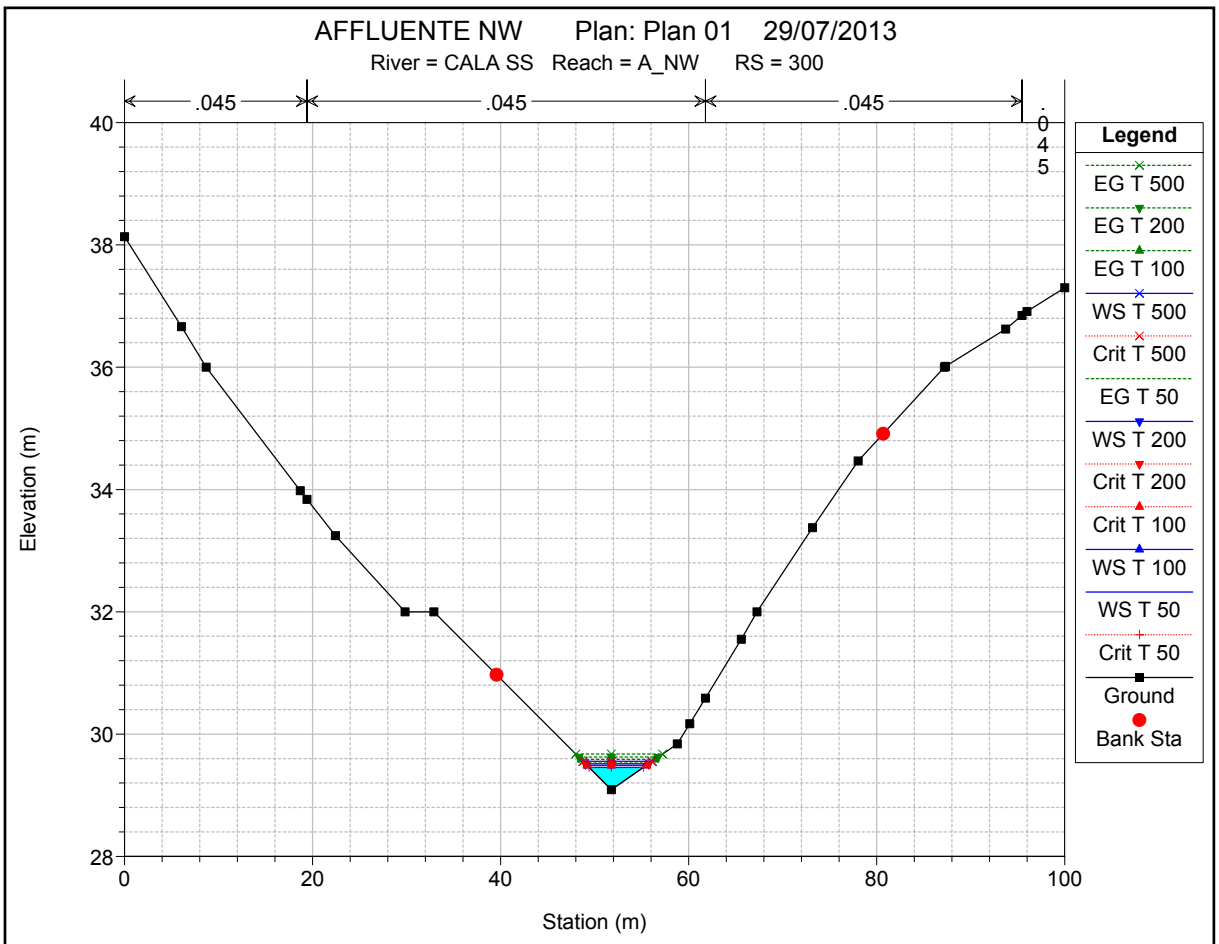

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 550
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

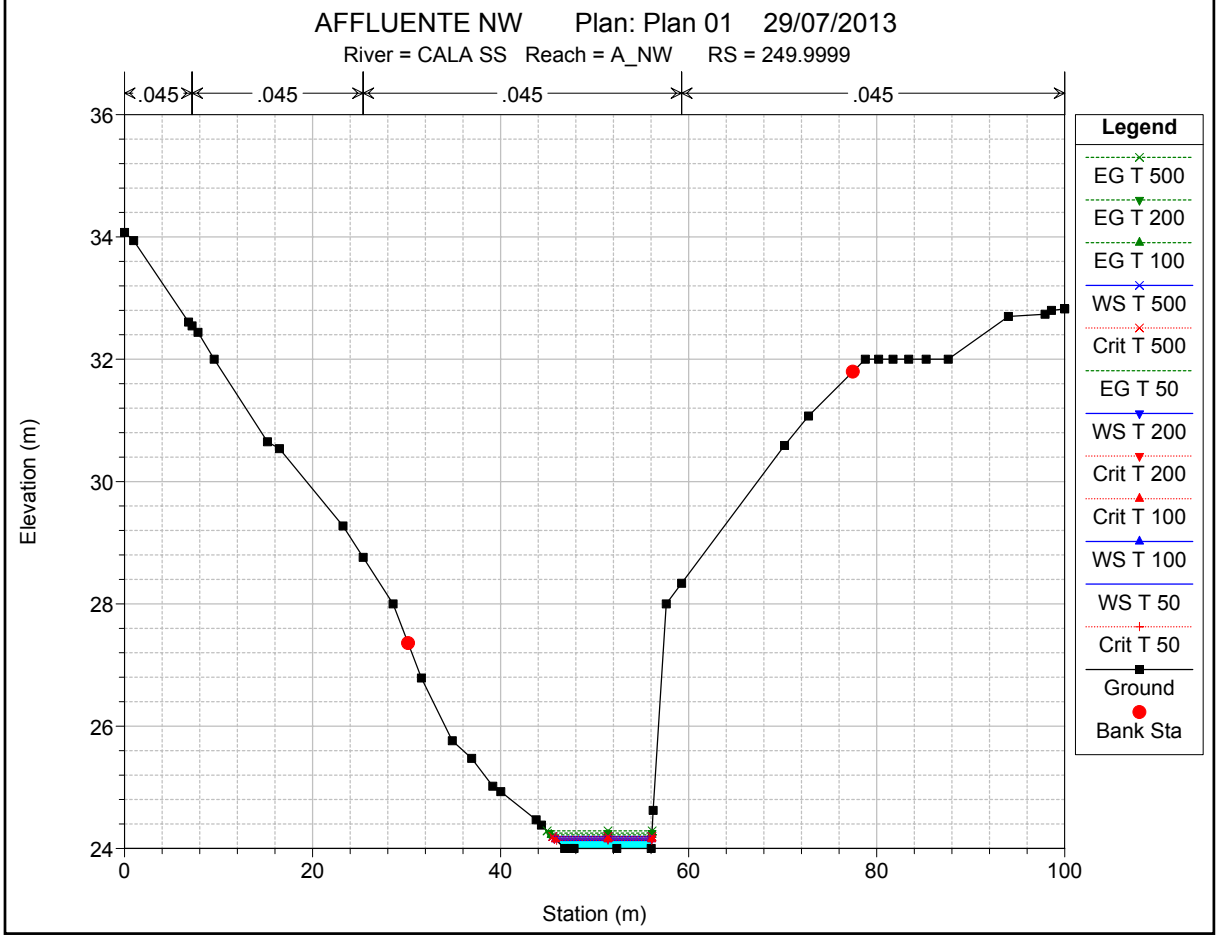

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 499.9999
.045
.05
.035
Elevation (m)
48.8
48.6
48.4
48.2
48.0
47.8
0
20
40
60
80
100
Station (m)
Legend
EG T 500
EG T 200
EG T 100
EG T 50
WS T 500
Crit T 500
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta

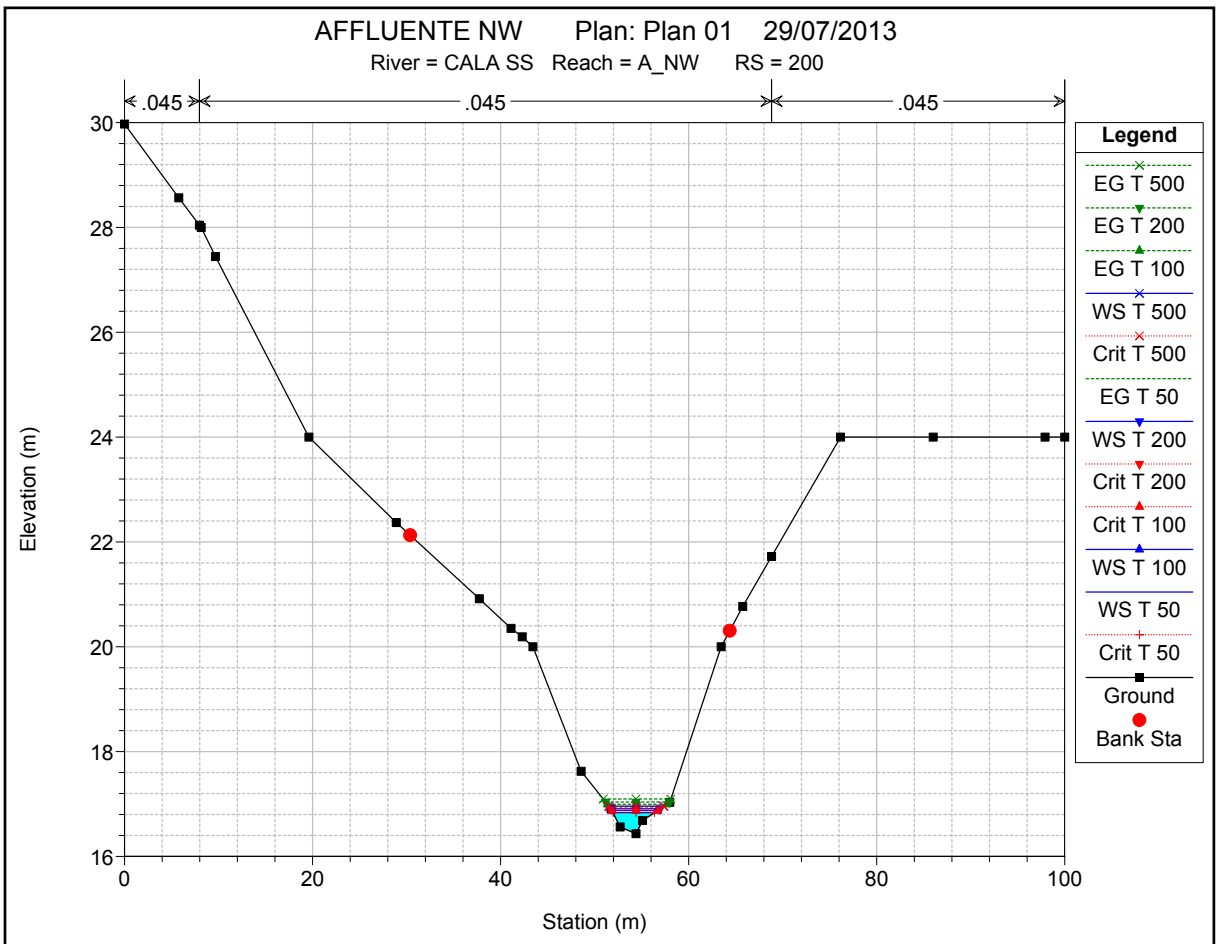

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 450
.045
.045
.045
Elevation (m)
48
47
46
45
44
43
42
41
0
20
40
60
80
100
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta

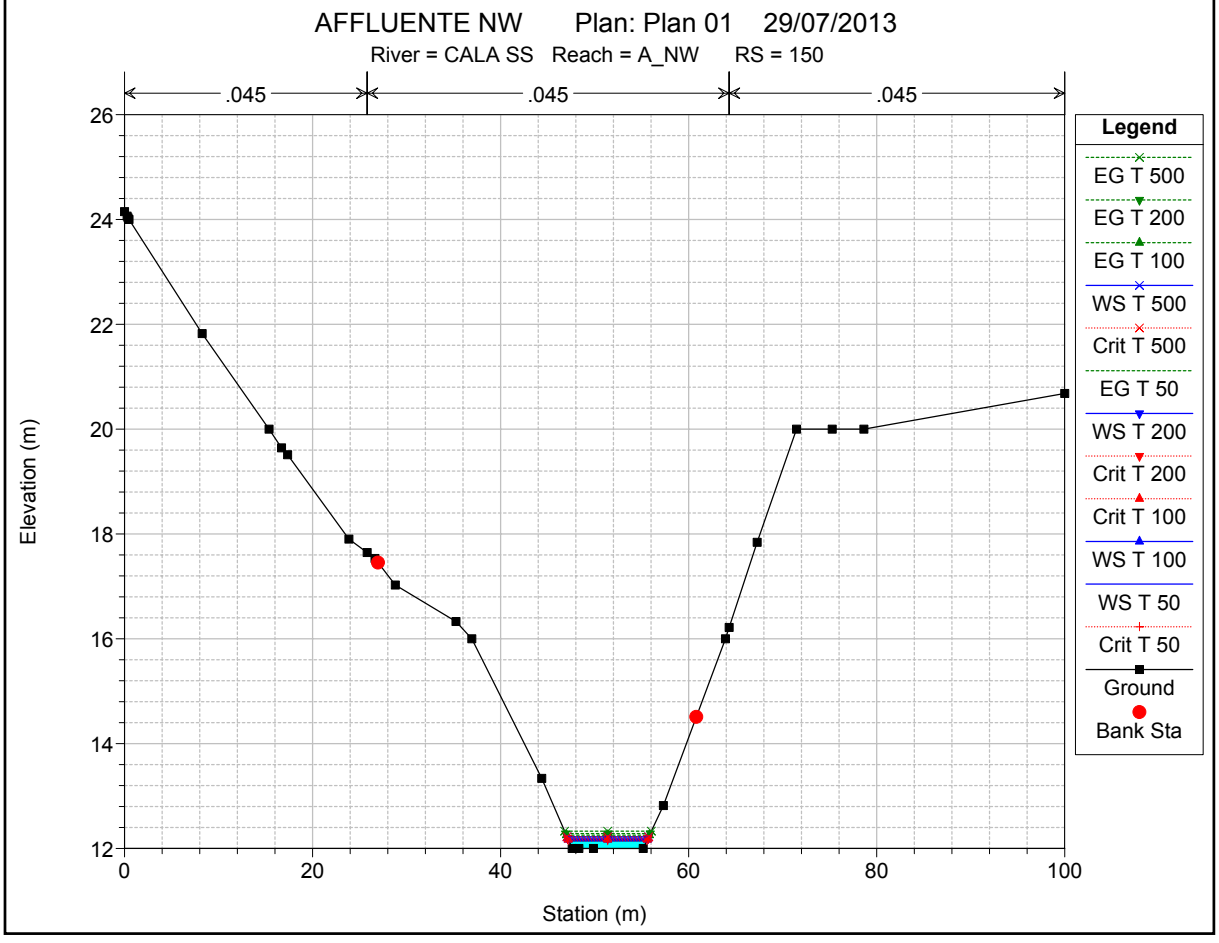

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 400
.045
.045
.045
Legend
EG T 500
EG T 200
EG T 100
EG T 50
WS T 500
Crit T 500
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
46
45
44
43
42
41
40
0
10
20
30
40
50
60
70

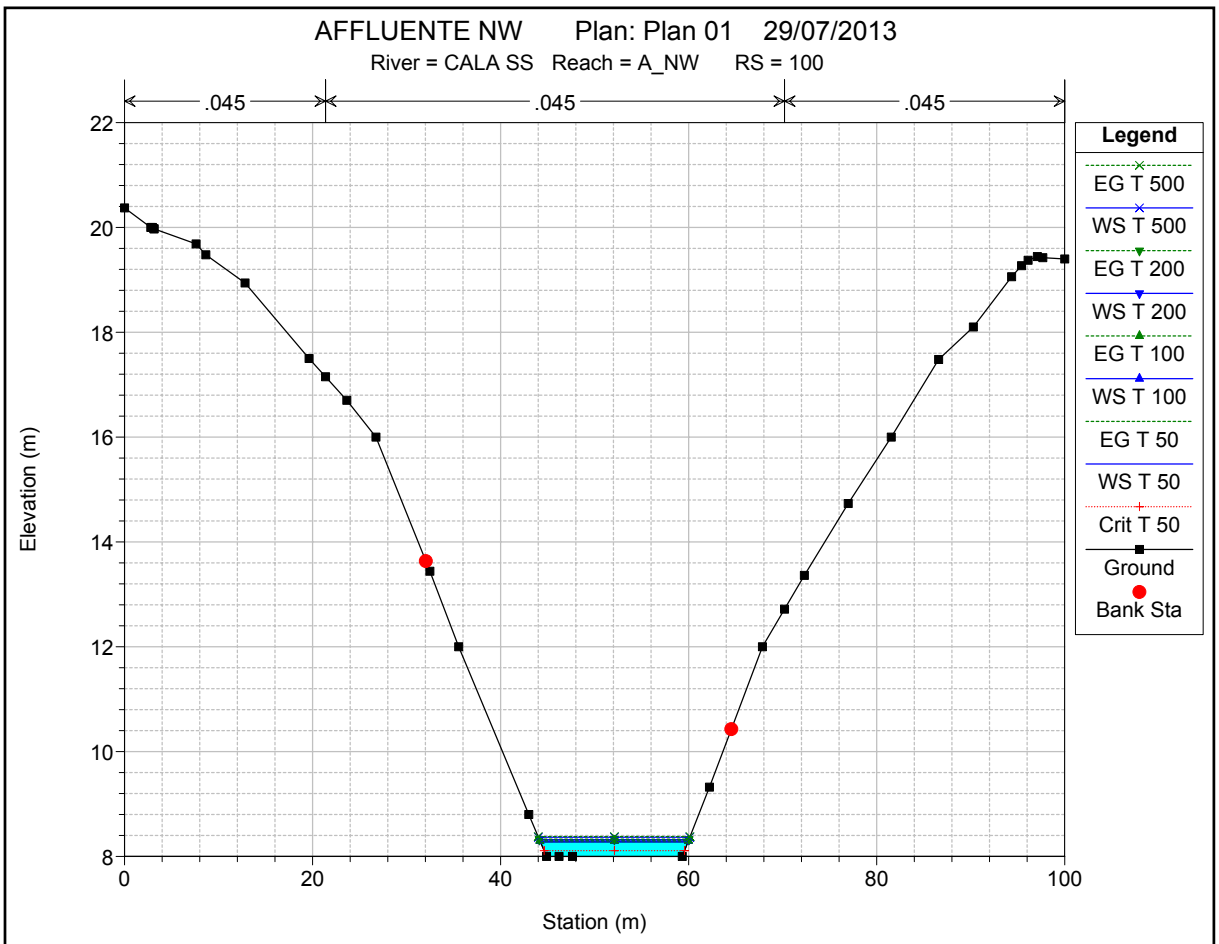

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 350
.045
.045
.045
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
Crit T 100
WS T 100
Crit T 200
WS T 200
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
44
42
40
38
36
34
32
0
20
40
60
80
100

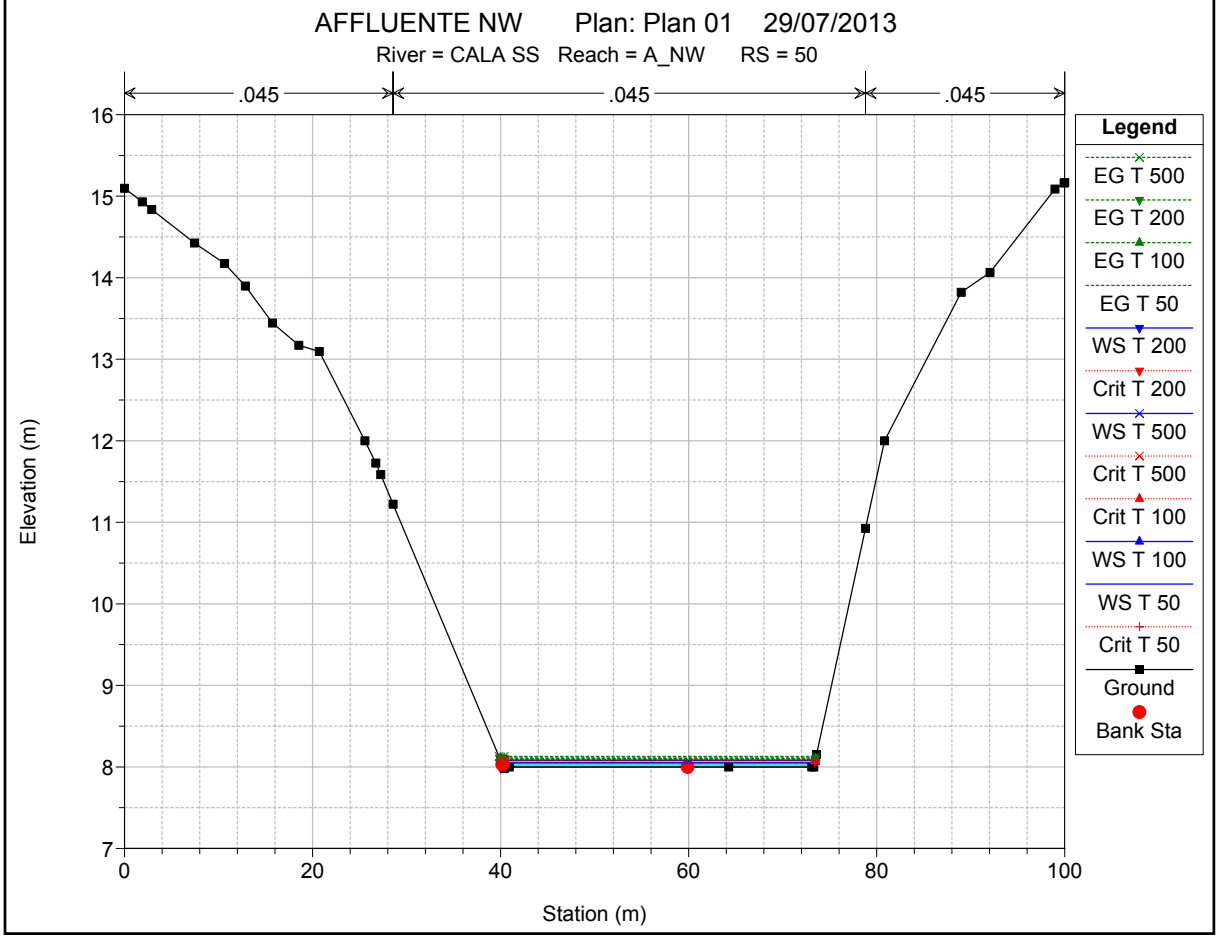

AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 300
.045
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 249.9999
.045
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 200
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 150
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 100
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Crit T 50
Ground
Bank Sta


AFFLUENTE NW Plan: Plan 01 29/07/2013
River = CALA SS Reach = A_NW RS = 50
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
EG T 50
WS T 200
Crit T 200
WS T 500
Crit T 500
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

HEC-RAS Plan: Plan 01 River: CALA SS Reach: A_NW

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)	
A_NW	981	T 50	1.40	72.00	72.09	72.09	72.14	0.034638	0.95	1.47	15.85	1.00
A_NW	981	T 100	1.74	72.00	72.11	72.11	72.16	0.037375	1.06	1.64	15.93	1.05
A_NW	981	T 200	2.09	72.00	72.14	72.14	72.19	0.023385	0.99	2.12	16.17	0.87
A_NW	981	T 500	2.61	72.00	72.16	72.16	72.21	0.021942	1.05	2.48	16.35	0.86
A_NW	950	T 50	1.40	68.00	68.13	68.13	68.17	0.023350	0.93	1.50	12.37	0.86
A_NW	950	T 100	1.74	68.00	68.13	68.13	68.19	0.031302	1.11	1.57	12.42	1.00
A_NW	950	T 200	2.09	68.00	68.15	68.15	68.22	0.030356	1.18	1.77	12.56	1.00
A_NW	950	T 500	2.61	68.00	68.17	68.17	68.25	0.028922	1.26	2.07	12.75	1.00
A_NW	900	T 50	1.40	60.00	60.07	60.07	60.11	0.040096	0.84	1.68	23.83	1.01
A_NW	900	T 100	1.74	60.00	60.08	60.08	60.12	0.045687	0.95	1.84	23.86	1.09
A_NW	900	T 200	2.09	60.00	60.11	60.11	60.14	0.022146	0.82	2.56	24.04	0.80
A_NW	900	T 500	2.61	60.00	60.11	60.11	60.16	0.035713	1.04	2.53	24.03	1.02
A_NW	850	T 50	1.40	56.00	56.24		56.28	0.011823	0.90	1.56	8.19	0.66
A_NW	850	T 100	1.74	56.00	56.27	56.21	56.32	0.012289	0.97	1.79	8.58	0.68
A_NW	850	T 200	2.09	56.00	56.30		56.35	0.012583	1.04	2.02	8.96	0.70
A_NW	850	T 500	2.61	56.00	56.34	56.27	56.40	0.011279	1.06	2.45	9.63	0.67
A_NW	800	T 50	1.40	55.23	55.36	55.36	55.39	0.030526	0.70	2.01	31.51	0.88
A_NW	800	T 100	1.74	55.23	55.37	55.37	55.40	0.030036	0.73	2.38	34.29	0.89
A_NW	800	T 200	2.09	55.23	55.38	55.38	55.41	0.029900	0.78	2.69	35.44	0.90
A_NW	800	T 500	2.61	55.23	55.39	55.39	55.43	0.039998	0.92	2.82	35.51	1.05
A_NW	750	T 50	1.40	52.23	52.52	52.52	52.61	0.028001	1.36	1.03	5.48	1.00
A_NW	750	T 100	1.74	52.23	52.55	52.55	52.65	0.027834	1.44	1.21	5.90	1.02
A_NW	750	T 200	2.09	52.23	52.58	52.58	52.69	0.026617	1.49	1.40	6.32	1.01
A_NW	750	T 500	2.61	52.23	52.62	52.62	52.74	0.025215	1.55	1.69	6.88	1.00
A_NW	700	T 50	1.40	52.00	52.22		52.22	0.000775	0.25	5.85	27.77	0.17
A_NW	700	T 100	1.74	52.00	52.24		52.24	0.000931	0.29	6.33	27.96	0.19
A_NW	700	T 200	2.09	52.00	52.26		52.27	0.000964	0.31	7.02	28.24	0.20
A_NW	700	T 500	2.61	52.00	52.29		52.30	0.001074	0.35	7.79	28.54	0.21
A_NW	650	T 50	1.40	52.00	52.05	52.05	52.07	0.059351	0.76	1.87	41.60	1.15
A_NW	650	T 100	1.74	52.00	52.06	52.06	52.09	0.030592	0.68	2.60	41.82	0.87
A_NW	650	T 200	2.09	52.00	52.06	52.06	52.10	0.049957	0.85	2.50	41.79	1.11
A_NW	650	T 500	2.61	52.00	52.07	52.07	52.11	0.039102	0.86	3.08	41.97	1.02
A_NW	600	T 50	1.40	48.53	48.79	48.79	48.86	0.031581	1.14	1.22	9.35	1.01
A_NW	600	T 100	1.74	48.53	48.82	48.82	48.89	0.030380	1.15	1.51	11.09	1.00
A_NW	600	T 200	2.09	48.53	48.84	48.84	48.91	0.030683	1.18	1.76	12.52	1.01
A_NW	600	T 500	2.61	48.53	48.86	48.86	48.94	0.034239	1.28	2.03	13.87	1.07
A_NW	550	T 50	1.40	48.00	48.20		48.20	0.001093	0.28	5.08	26.79	0.20
A_NW	550	T 100	1.74	48.00	48.22		48.23	0.001124	0.30	5.76	27.12	0.21
A_NW	550	T 200	2.09	48.00	48.24		48.25	0.001211	0.33	6.31	27.38	0.22
A_NW	550	T 500	2.61	48.00	48.27		48.28	0.001303	0.37	7.08	27.75	0.23
A_NW	499.9999	T 50	1.40	47.96	48.03	48.03	48.04	0.064505	0.58	2.49	78.99	0.94
A_NW	499.9999	T 100	1.74	47.96	48.03	48.03	48.05	0.059759	0.60	2.90	79.06	0.93
A_NW	499.9999	T 200	2.09	47.96	48.04	48.04	48.06	0.066804	0.67	3.13	79.09	0.99
A_NW	499.9999	T 500	2.61	47.96	48.04	48.04	48.07	0.085755	0.78	3.32	79.13	1.13
A_NW	450	T 50	1.40	41.74	42.00	42.00	42.06	0.039858	1.15	1.22	9.24	1.01
A_NW	450	T 100	1.74	41.74	42.03	42.02	42.10	0.030635	1.13	1.54	9.74	0.91
A_NW	450	T 200	2.09	41.74	42.04	42.04	42.12	0.035632	1.27	1.65	9.91	0.99
A_NW	450	T 500	2.61	41.74	42.07	42.07	42.16	0.033979	1.34	1.95	10.35	0.99
A_NW	400	T 50	1.40	40.00	40.08	40.08	40.10	0.035082	0.74	1.90	25.49	0.86
A_NW	400	T 100	1.74	40.00	40.08	40.08	40.12	0.052717	0.91	1.92	25.50	1.06
A_NW	400	T 200	2.09	40.00	40.09	40.09	40.13	0.044535	0.93	2.25	25.65	1.00
A_NW	400	T 500	2.61	40.00	40.10	40.10	40.15	0.047716	1.04	2.53	25.78	1.05
A_NW	350	T 50	1.40	33.85	34.07	34.07	34.14	0.045964	1.14	1.22	10.34	1.06
A_NW	350	T 100	1.74	33.85	34.11	34.11	34.17	0.029867	1.07	1.63	11.00	0.89
A_NW	350	T 200	2.09	33.85	34.11	34.11	34.19	0.043763	1.29	1.62	10.99	1.07
A_NW	350	T 500	2.61	33.85	34.14	34.14	34.23	0.035240	1.31	1.99	11.18	0.99
A_NW	300	T 50	1.40	29.09	29.45	29.45	29.55	0.035270	1.33	1.05	5.76	1.00
A_NW	300	T 100	1.74	29.09	29.49	29.49	29.59	0.034036	1.39	1.25	6.29	0.99
A_NW	300	T 200	2.09	29.09	29.52	29.52	29.62	0.033952	1.45	1.44	6.74	1.00
A_NW	300	T 500	2.61	29.09	29.55	29.55	29.67	0.033662	1.53	1.70	7.34	1.01
A_NW	249.9999	T 50	1.40	24.00	24.13	24.13	24.19	0.040191	1.11	1.26	10.11	1.00
A_NW	249.9999	T 100	1.74	24.00	24.15	24.15	24.22	0.038741	1.19	1.47	10.24	1.00
A_NW	249.9999	T 200	2.09	24.00	24.17	24.17	24.25	0.037799	1.26	1.66	10.36	1.01
A_NW	249.9999	T 500	2.61	24.00	24.20	24.20	24.29	0.035757	1.35	1.94	10.55	1.00
A_NW	200	T 50	1.40	16.44	16.84	16.84	16.94	0.033938	1.46	0.96	4.41	1.00
A_NW	200	T 100	1.74	16.44	16.88	16.88	16.99	0.033455	1.53	1.14	4.84	1.00
A_NW	200	T 200	2.09	16.44	16.91	16.91	17.04	0.033215	1.59	1.32	5.23	1.01

HEC-RAS Plan: Plan 01 River: CALA SS Reach: A_NW (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)	
A_NW	200	T 500	2.61	16.44	16.96	16.96	17.10	0.032414	1.65	1.58	5.84	1.01
A_NW	150	T 50	1.40	12.00	12.15	12.15	12.22	0.040632	1.20	1.16	8.30	1.03
A_NW	150	T 100	1.74	12.00	12.17	12.17	12.25	0.036901	1.27	1.37	8.42	1.00
A_NW	150	T 200	2.09	12.00	12.19	12.19	12.29	0.035327	1.34	1.56	8.54	1.00
A_NW	150	T 500	2.61	12.00	12.22	12.22	12.33	0.034017	1.44	1.82	8.69	1.00
A_NW	100	T 50	1.40	8.00	8.28	8.11	8.28	0.001324	0.33	4.19	15.69	0.21
A_NW	100	T 100	1.74	8.00	8.30		8.30	0.001671	0.39	4.47	15.77	0.23
A_NW	100	T 200	2.09	8.00	8.32		8.33	0.001817	0.43	4.88	15.89	0.25
A_NW	100	T 500	2.61	8.00	8.37		8.38	0.001824	0.47	5.60	16.10	0.25
A_NW	50	T 50	1.40	7.98	8.05	8.05	8.09	0.070033	0.82	1.72	33.31	1.15
A_NW	50	T 100	1.74	7.98	8.08	8.08	8.10	0.026957	0.67	2.61	33.45	0.76
A_NW	50	T 200	2.09	7.98	8.08	8.08	8.11	0.034088	0.77	2.72	33.47	0.86
A_NW	50	T 500	2.61	7.98	8.08	8.08	8.13	0.056569	0.98	2.66	33.46	1.11

IL BACINO CALA SASSARI
Ramo Sud-Est

AFFLUENTE_SE Plan: Plan 01 29/07/2013

Cala Sassari Affl_SE

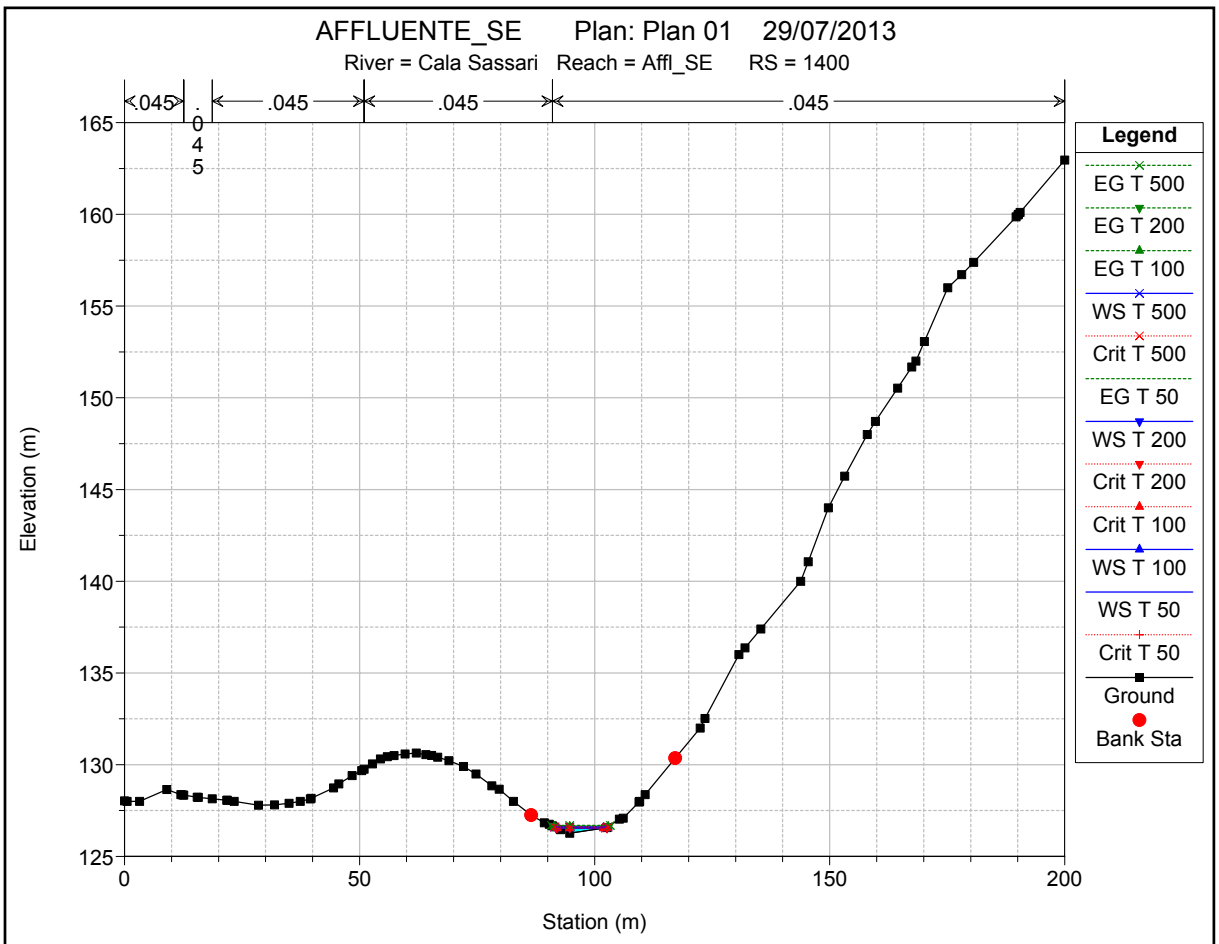
Legend

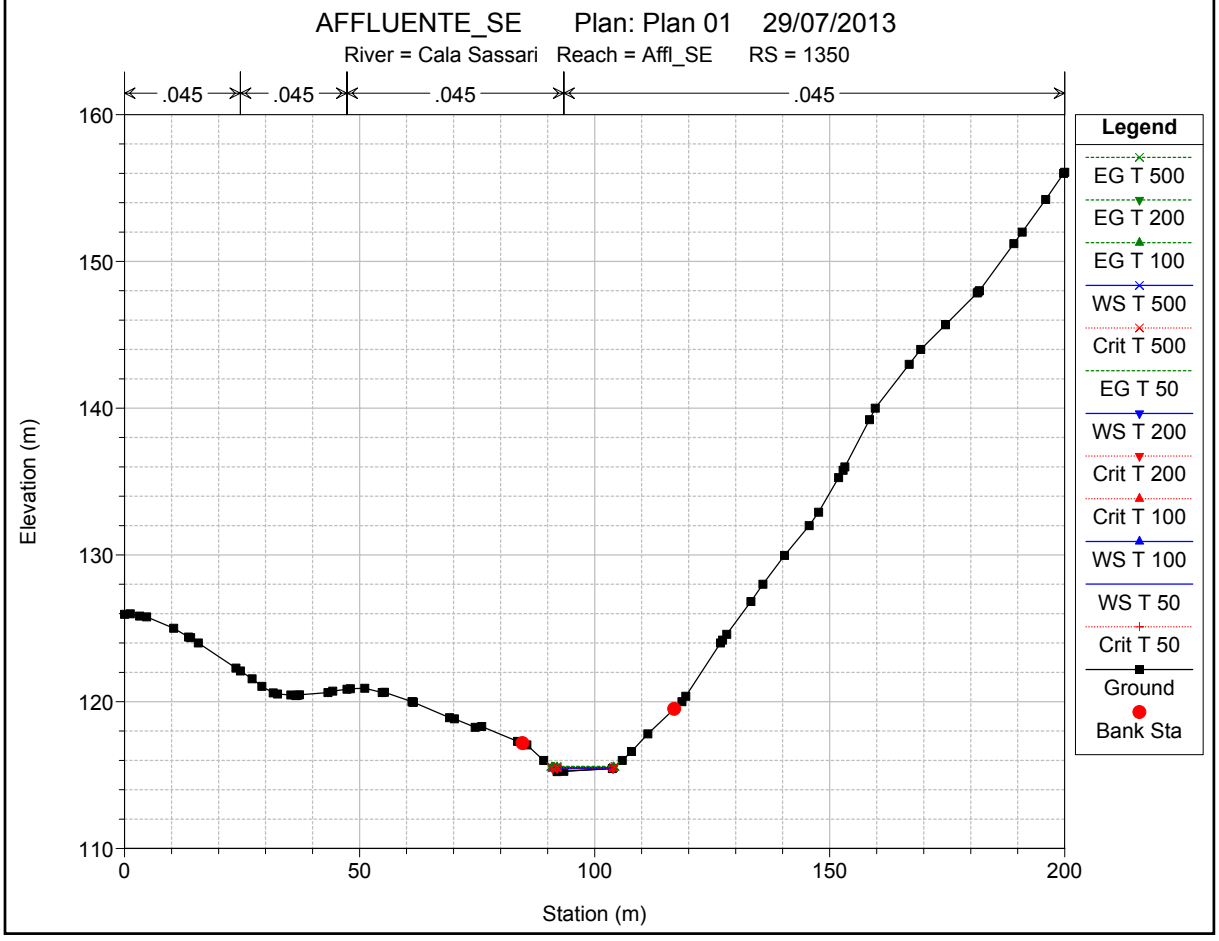
- EG T 500
- EG T 200
- WS T 500
- Crit T 500
- EG T 100
- EG T 50
- WS T 200
- Crit T 200
- Crit T 100
- WS T 100
- WS T 50
- Crit T 50
- Ground
- LOB
- ROB

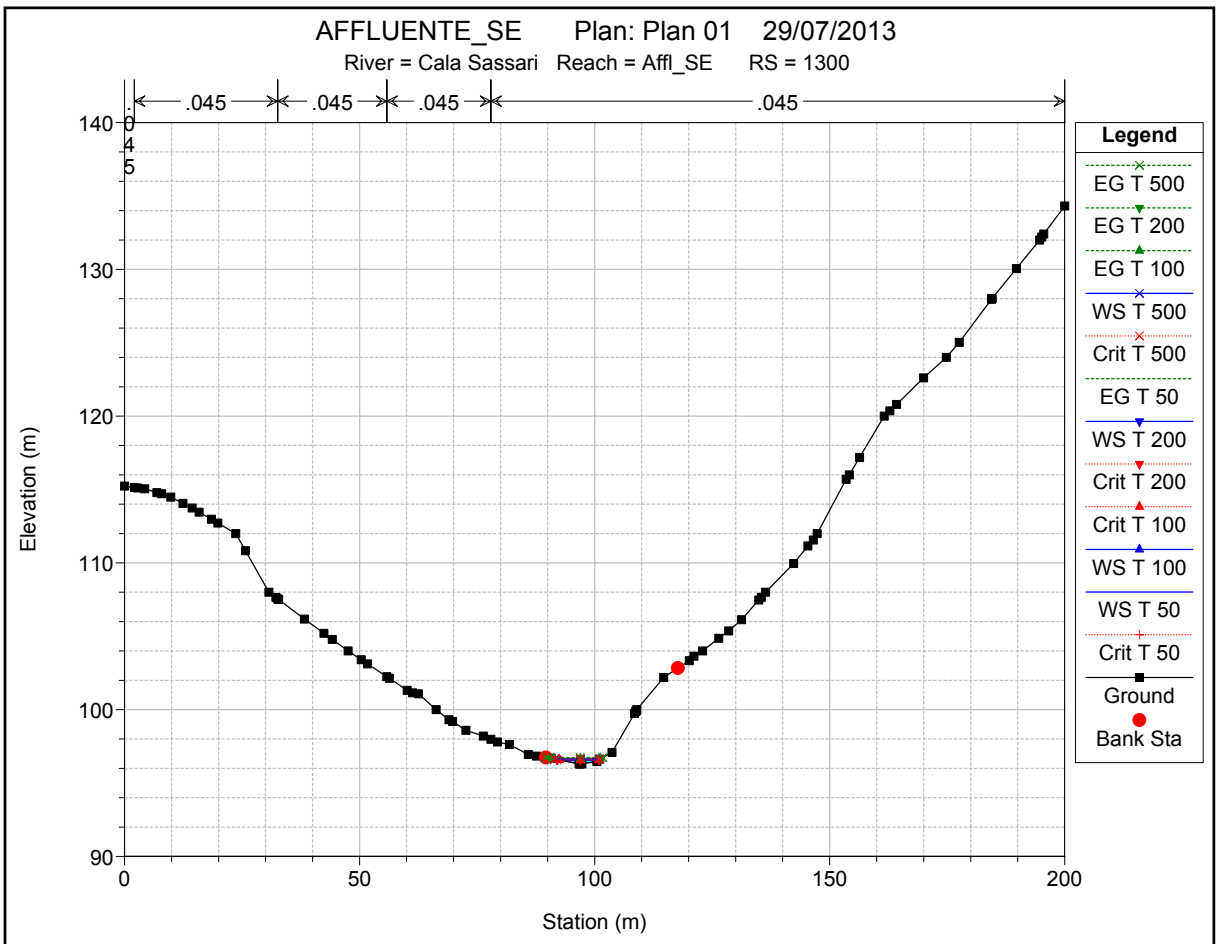
Elevation (m)

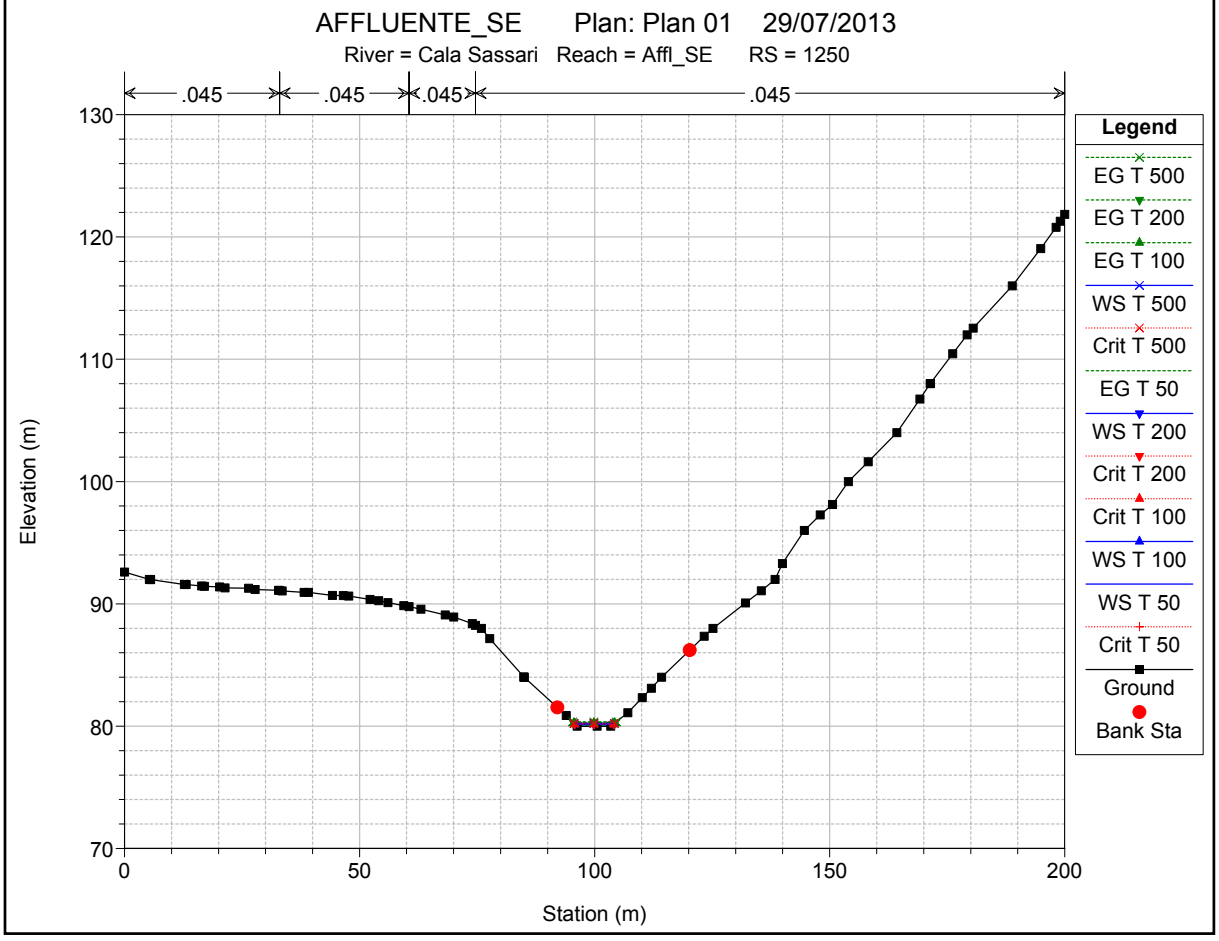
Main Channel Distance (m)

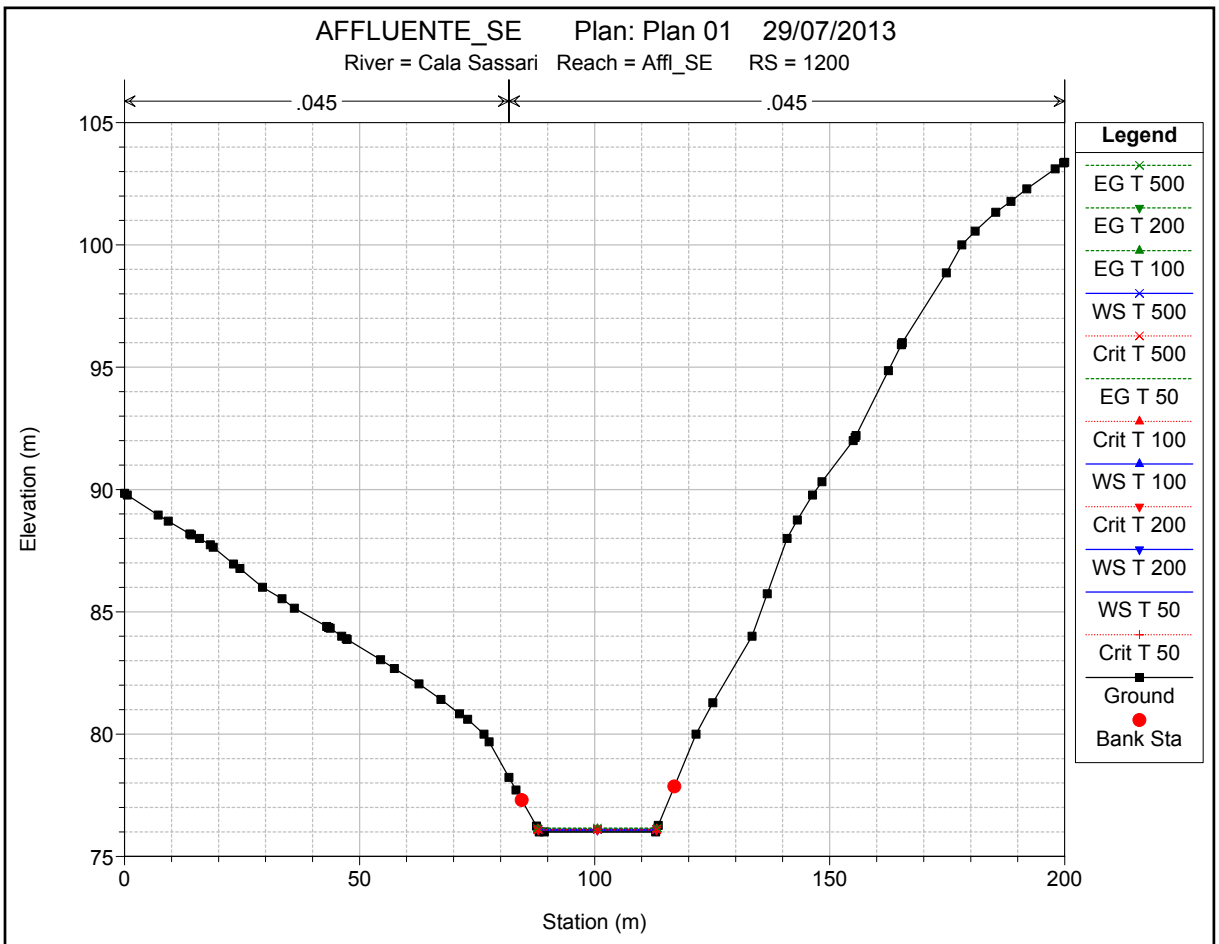
112.7669
165.5224
211.8382
249.9999
311.8460
349.0494
393.6683
499.9999
550
600
650
696.4609
750
800
845.2678
899.9999
949.9999
999.9999
1050
1102.989
1150
1200
1250
1300
1350
1400

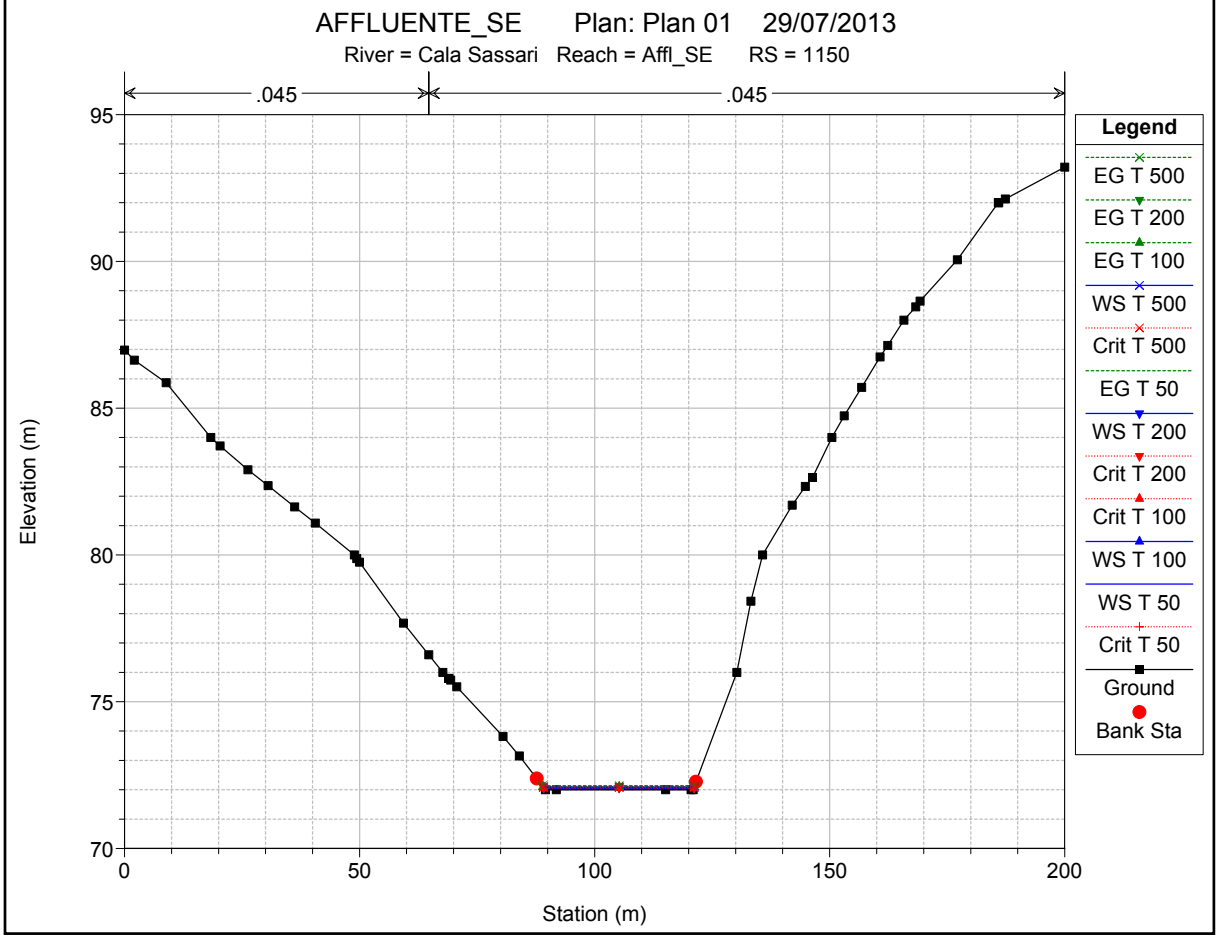

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 1400
.045
.045
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

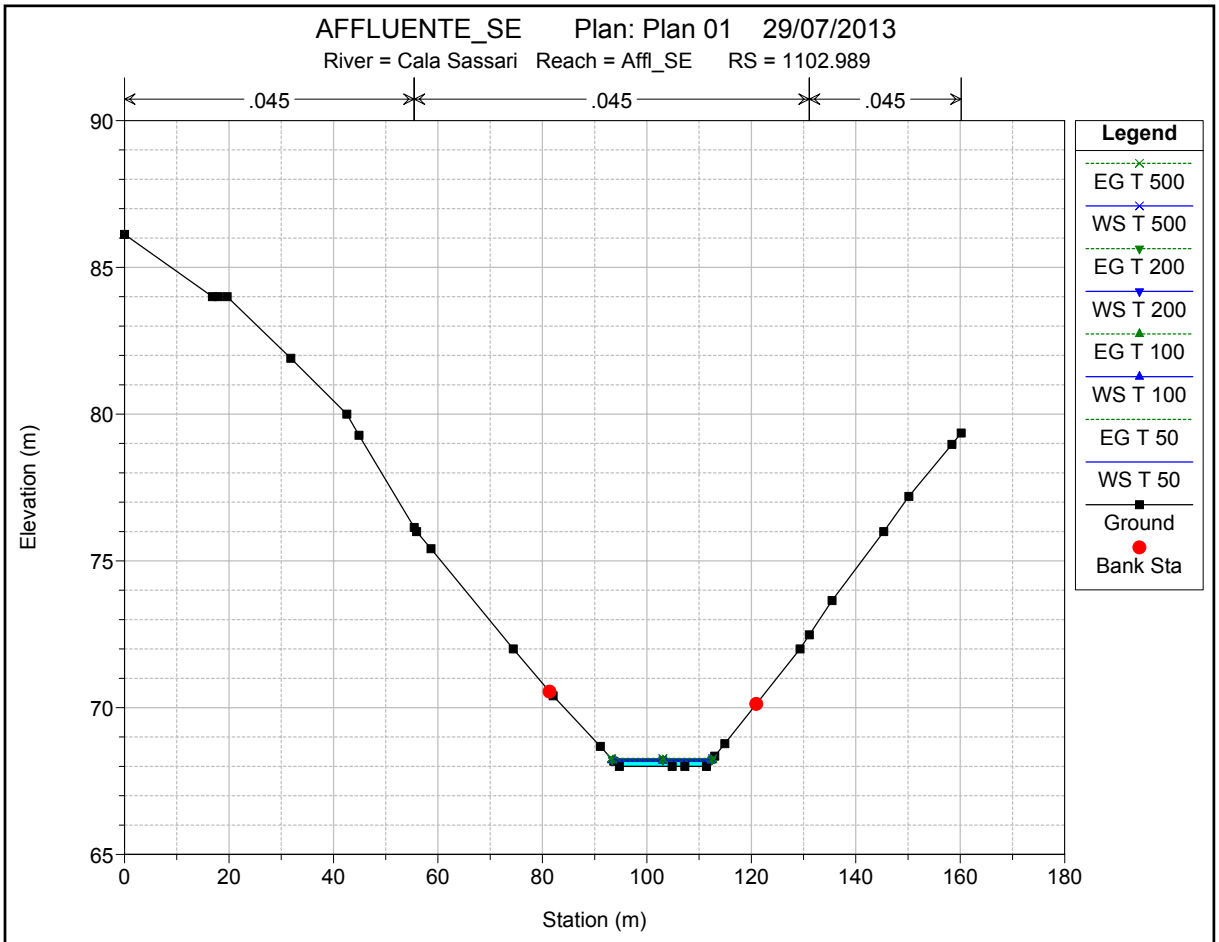

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 1350
.045
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

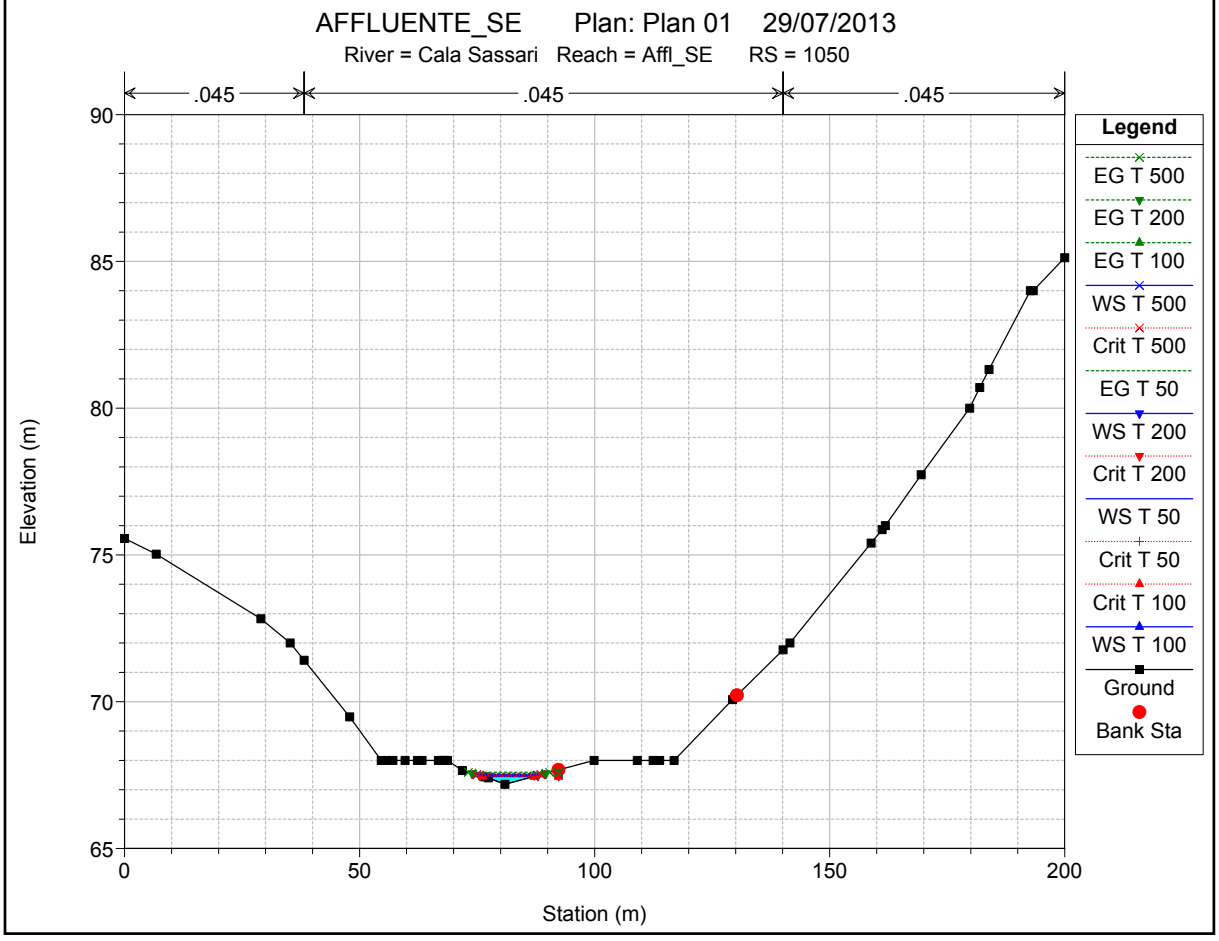

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 1300
.045
.045
.045
.045
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
140
130
120
110
100
90
0
50
100
150
200

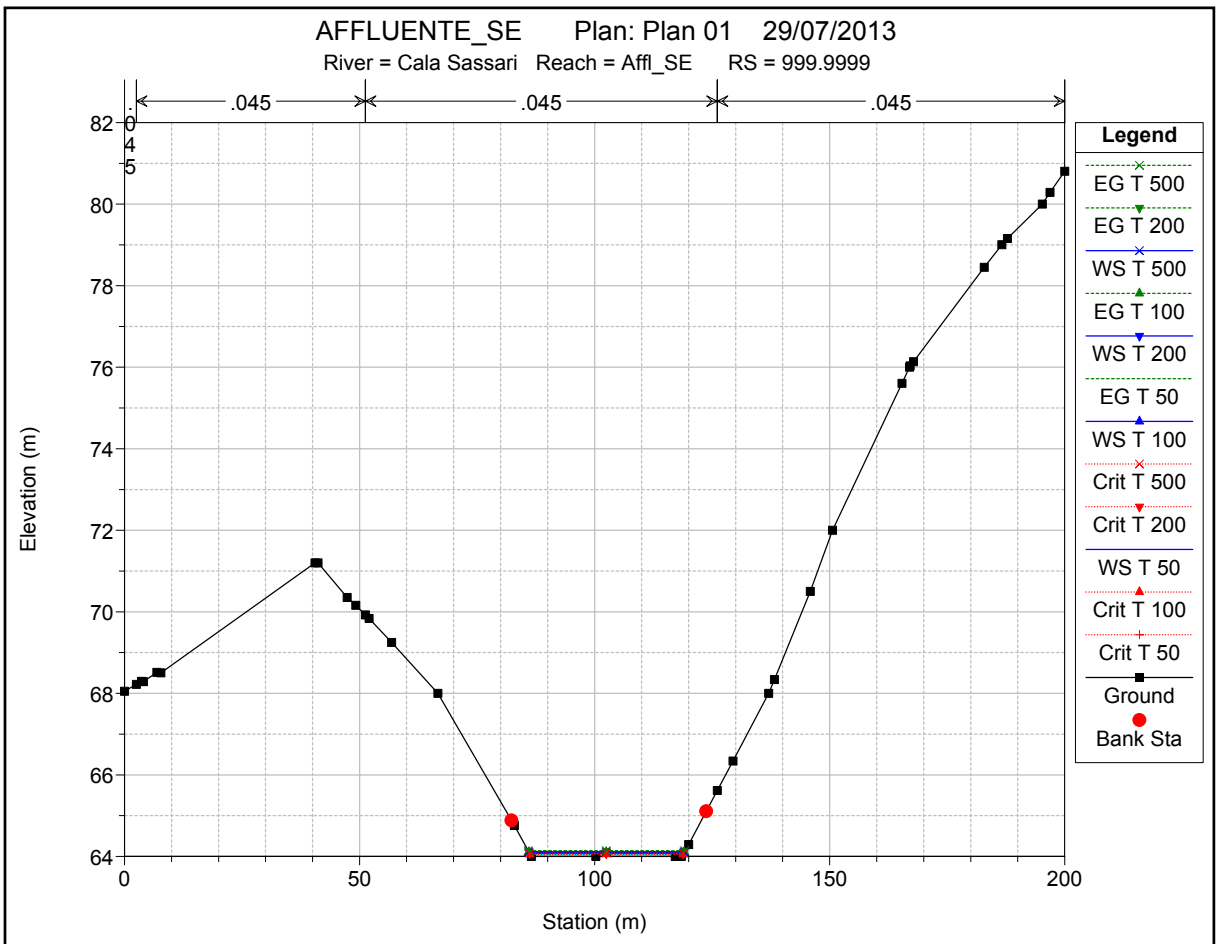

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 1250
.045
.045
.045
.045
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
130
120
110
100
90
80
70
0
50
100
150
200

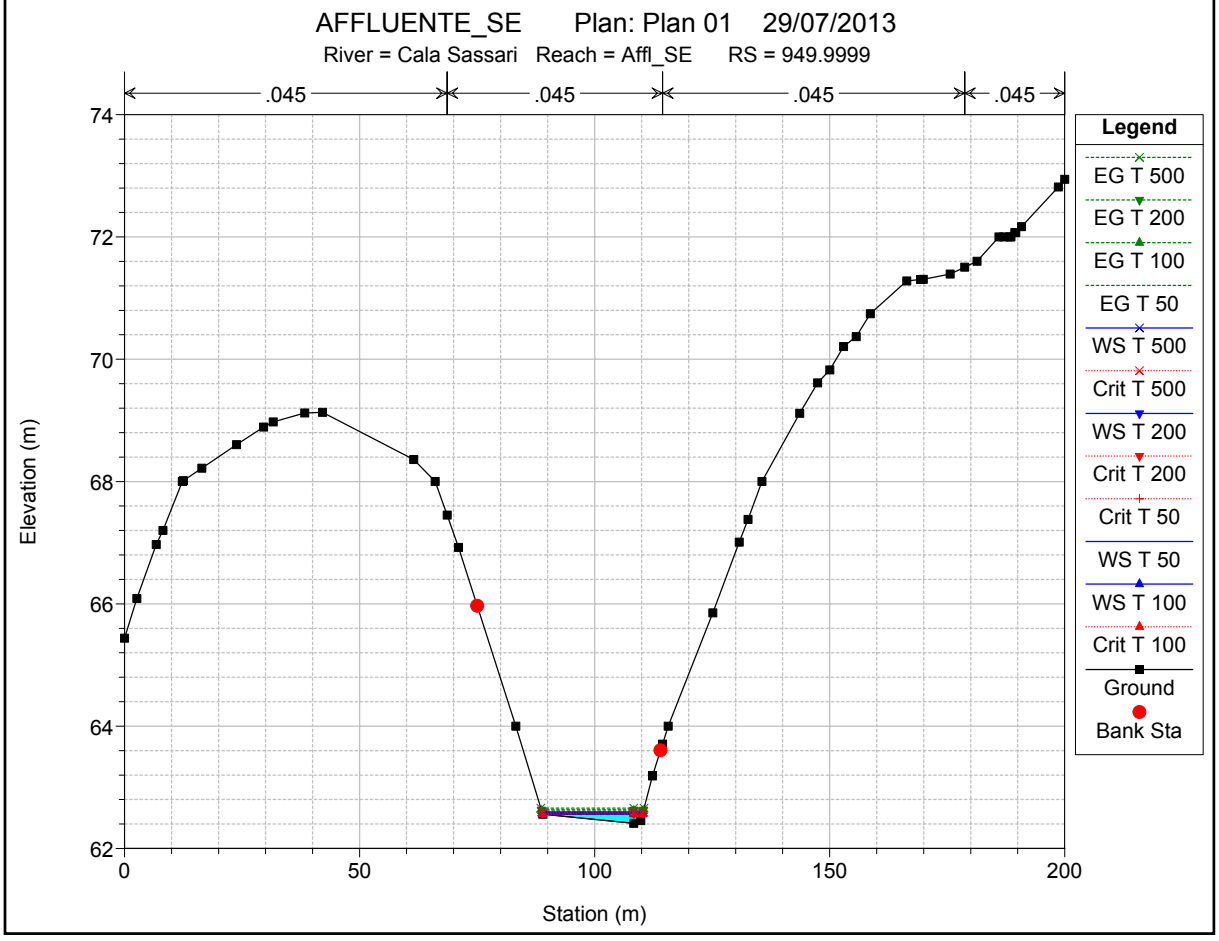

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 1200
.045
.045
Elevation (m)
Station (m)
105
100
95
90
85
80
75
0
50
100
150
200
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
Crit T 100
WS T 100
Crit T 200
WS T 200
WS T 50
Crit T 50
Ground
Bank Sta

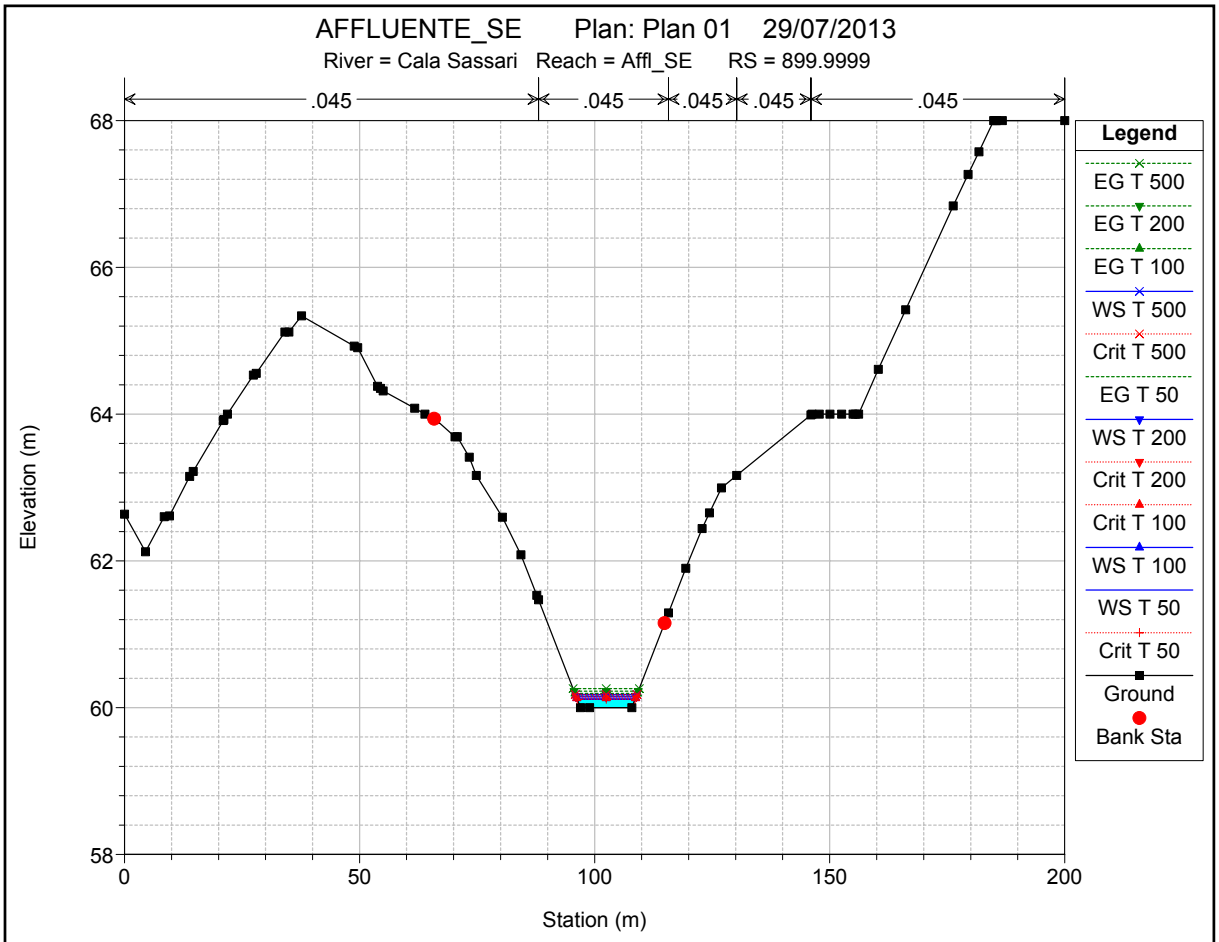

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 1150
.045
.045
Elevation (m)
Station (m)
95
90
85
80
75
70
0
50
100
150
200
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

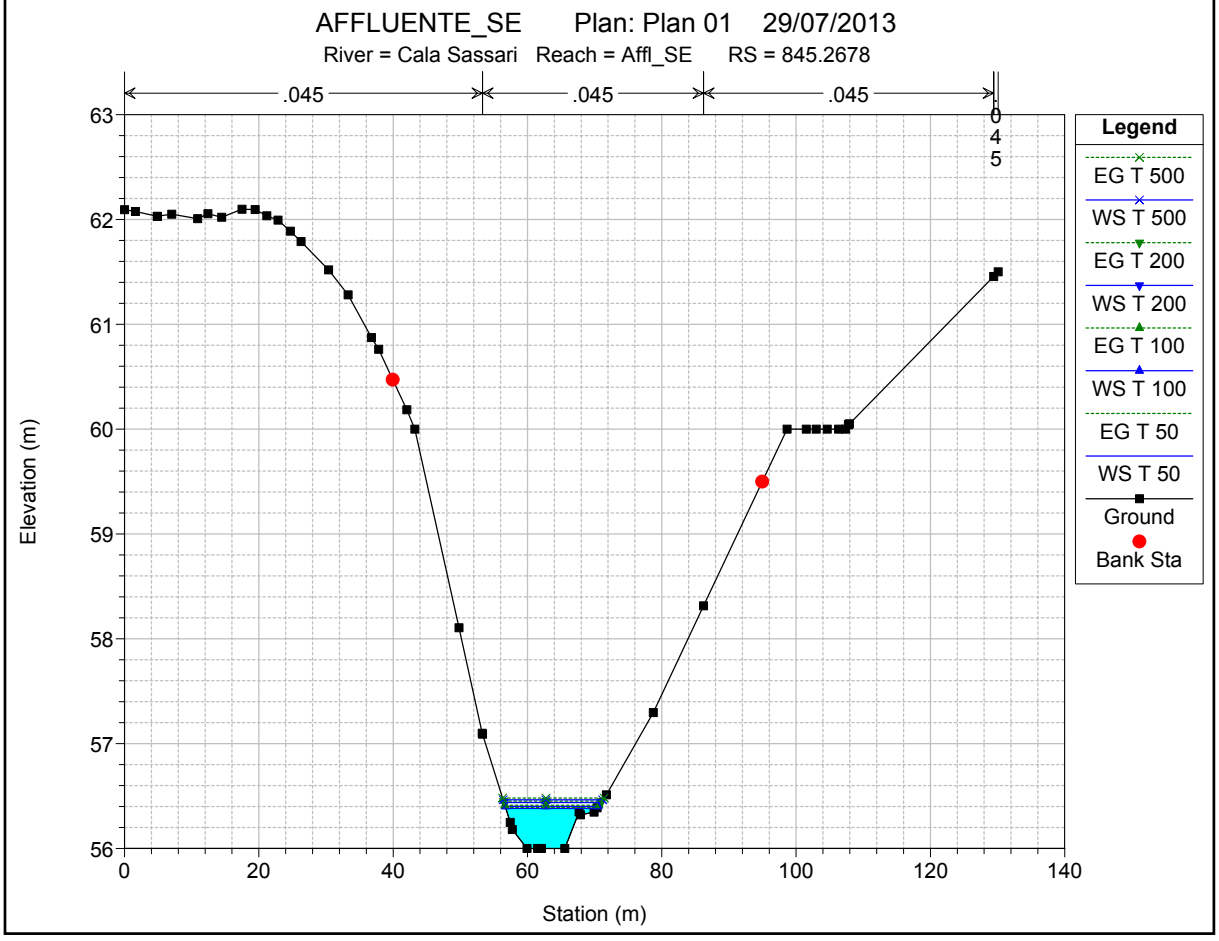

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 1102.989
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

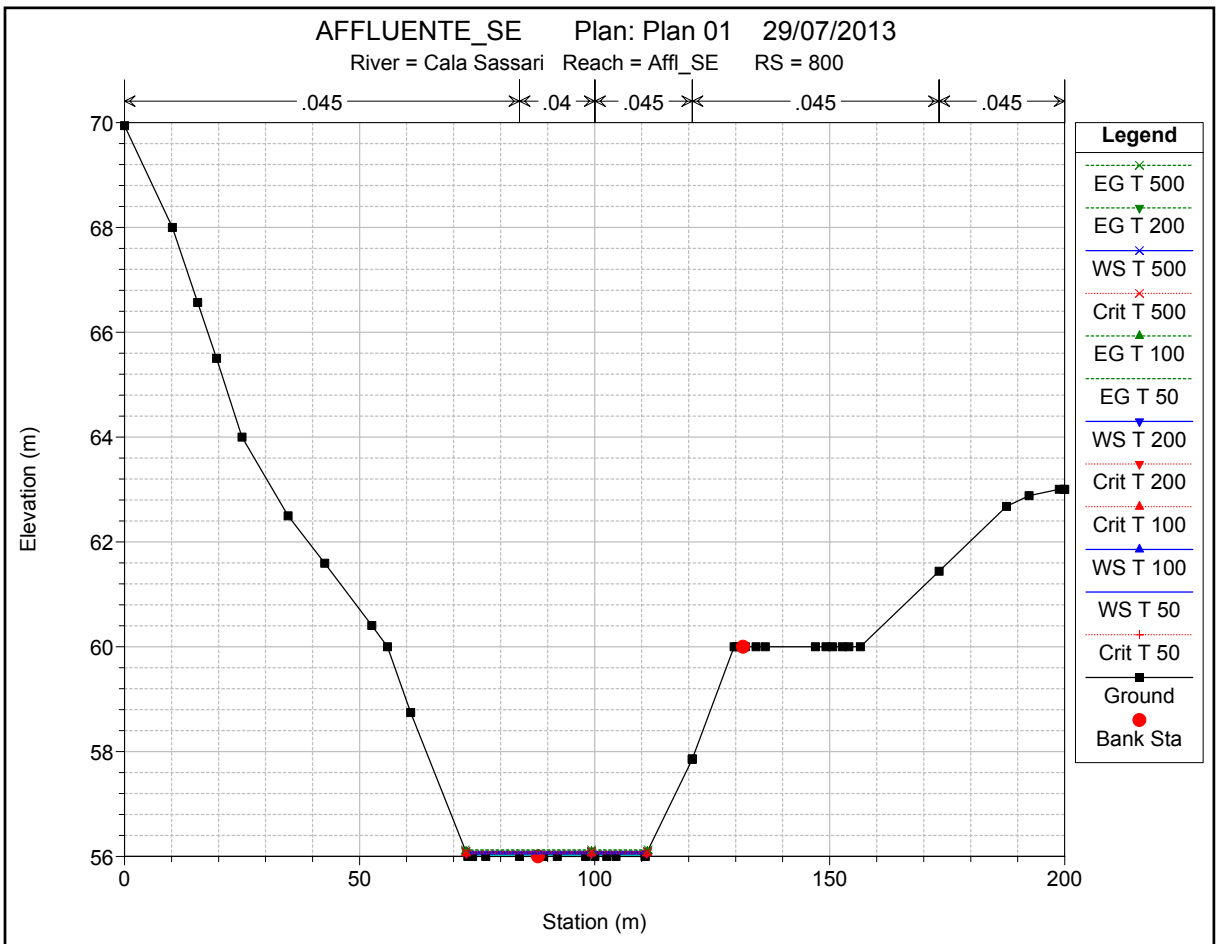

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 1050
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
WS T 50
Crit T 50
Crit T 100
WS T 100
Ground
Bank Sta

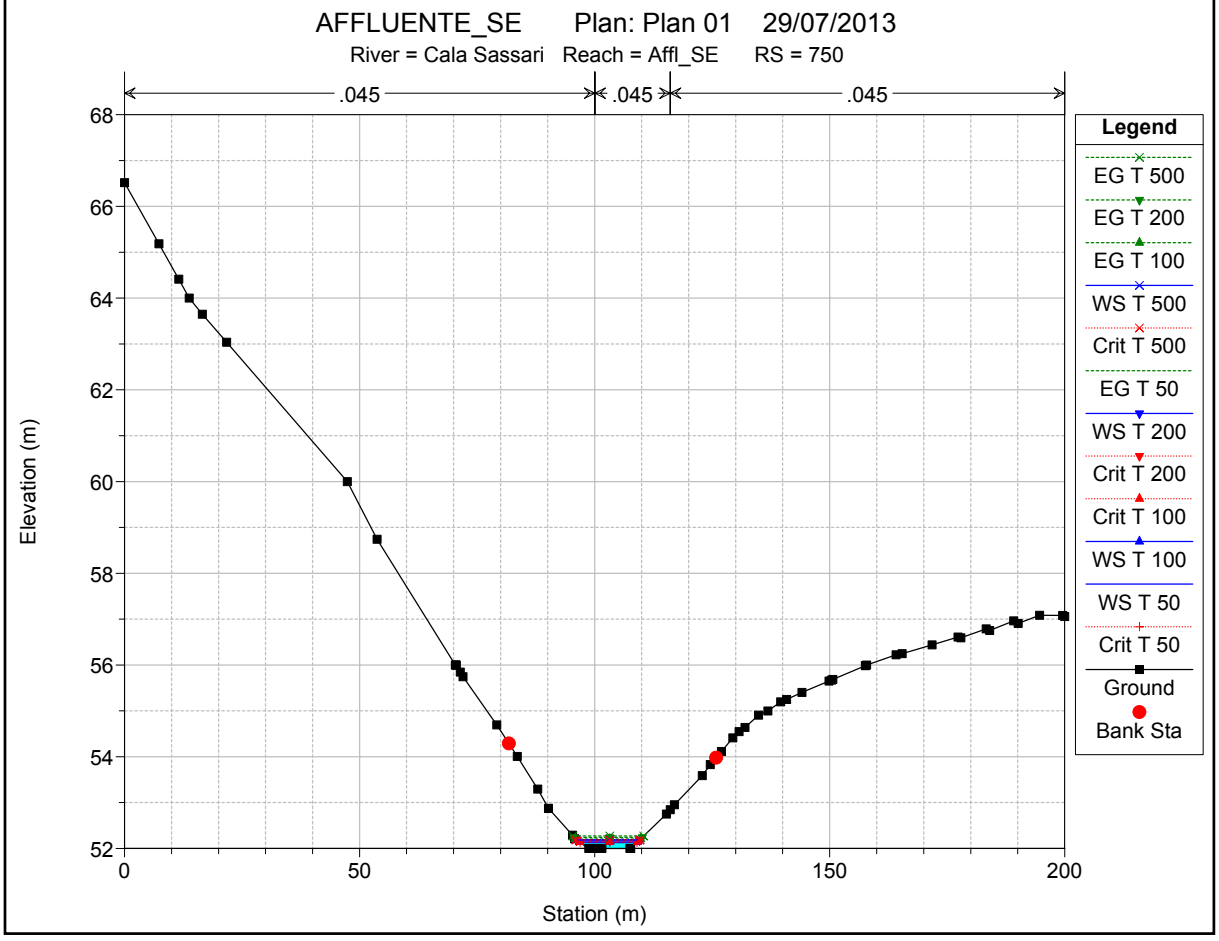

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 999.9999
.045
.045
.045
Legend
EG T 500
EG T 200
WS T 500
EG T 100
WS T 200
EG T 50
WS T 100
Crit T 500
Crit T 200
WS T 50
Crit T 100
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)

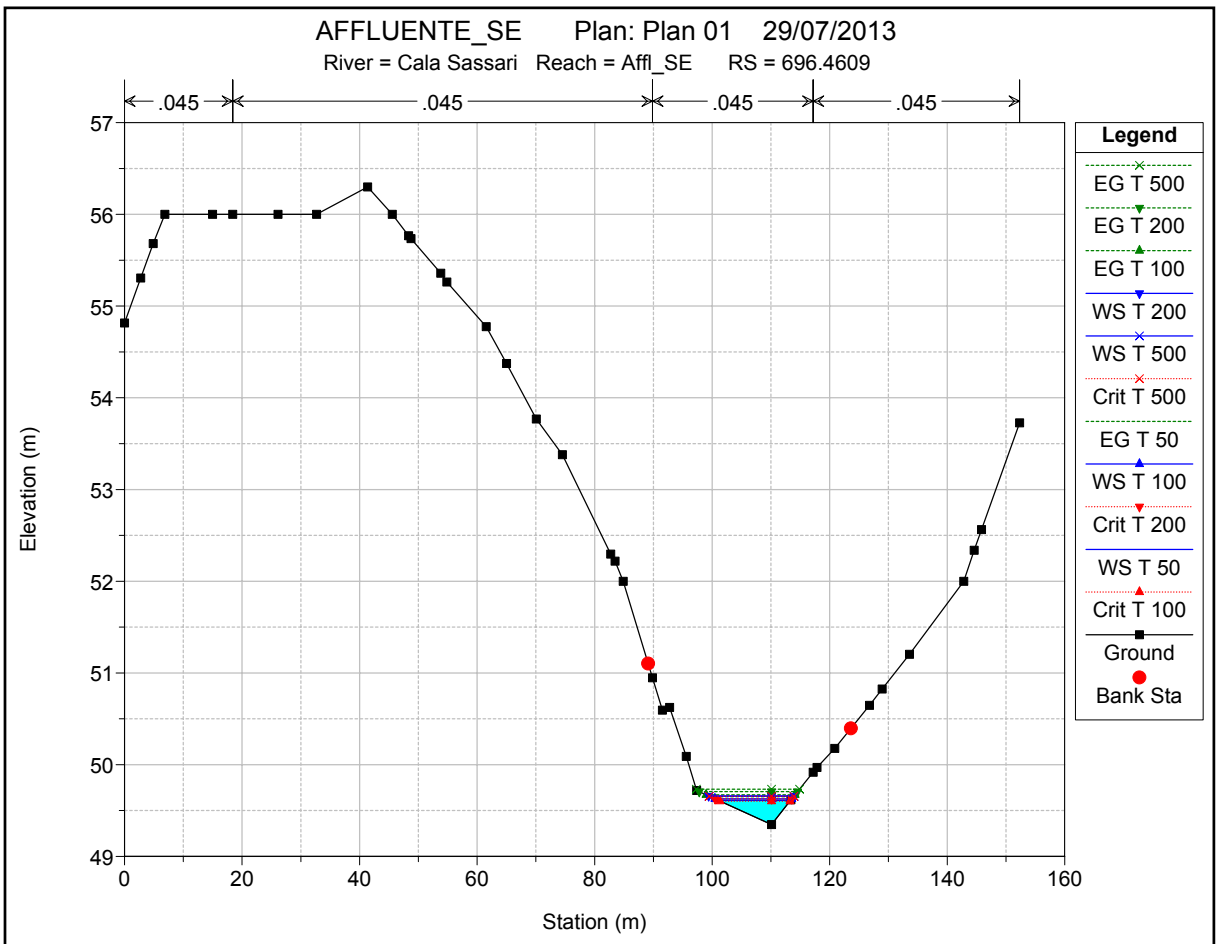

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 949.9999
.045
.045
.045
.045
Legend
EG T 500
EG T 200
EG T 100
EG T 50
WS T 500
Crit T 500
WS T 200
Crit T 200
Crit T 50
WS T 50
WS T 100
Crit T 100
Ground
Bank Sta
Elevation (m)
Station (m)

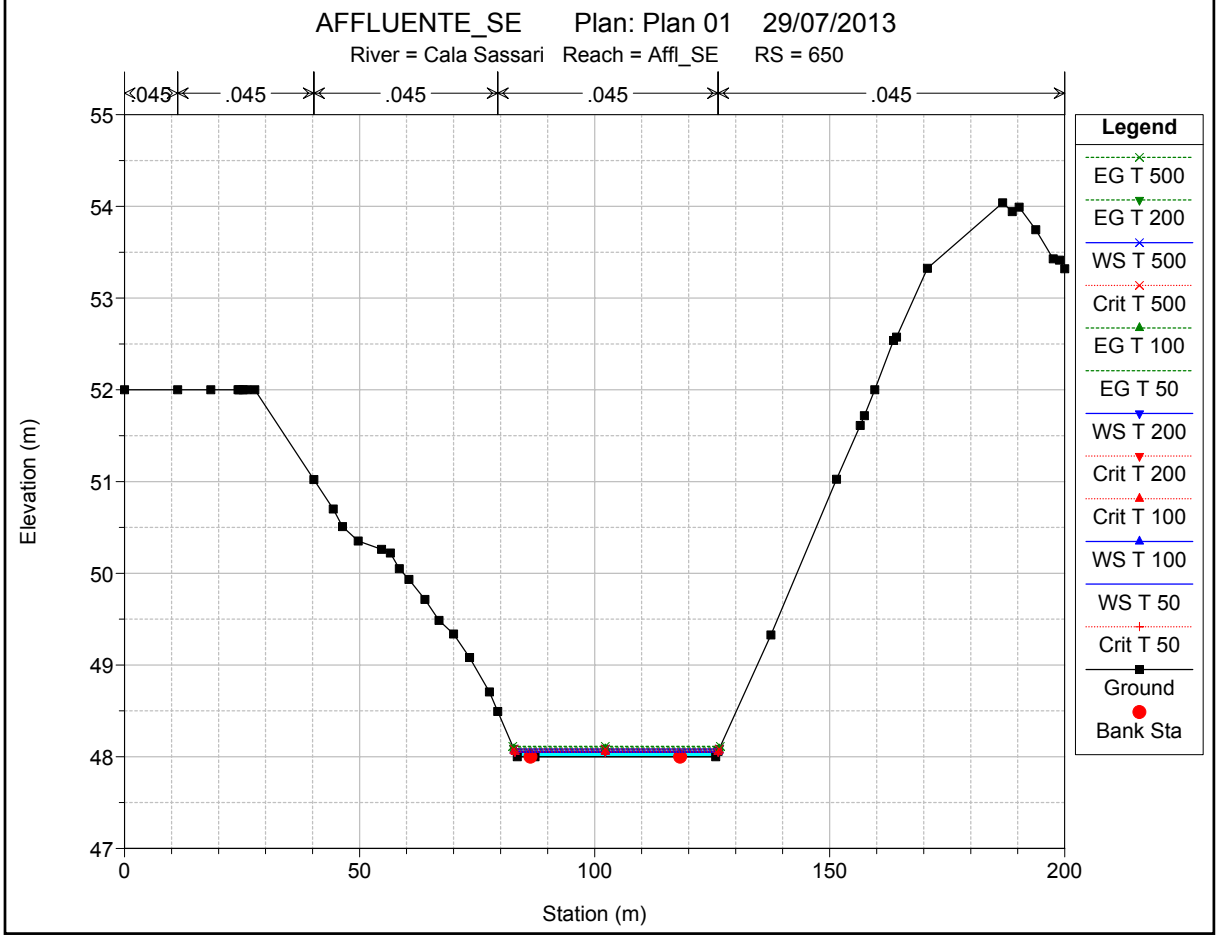

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 899.9999
.045
.045
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

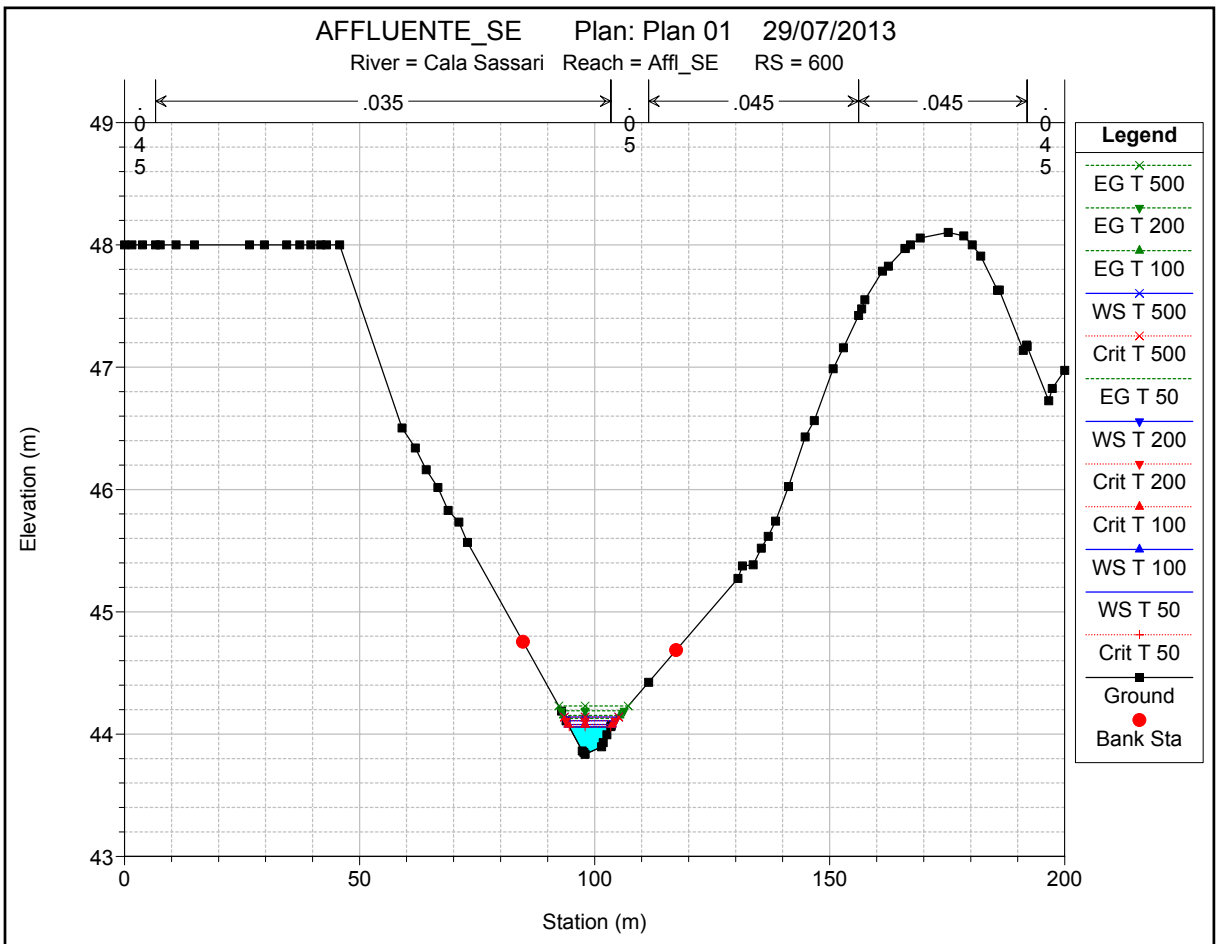

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 845.2678
.045
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

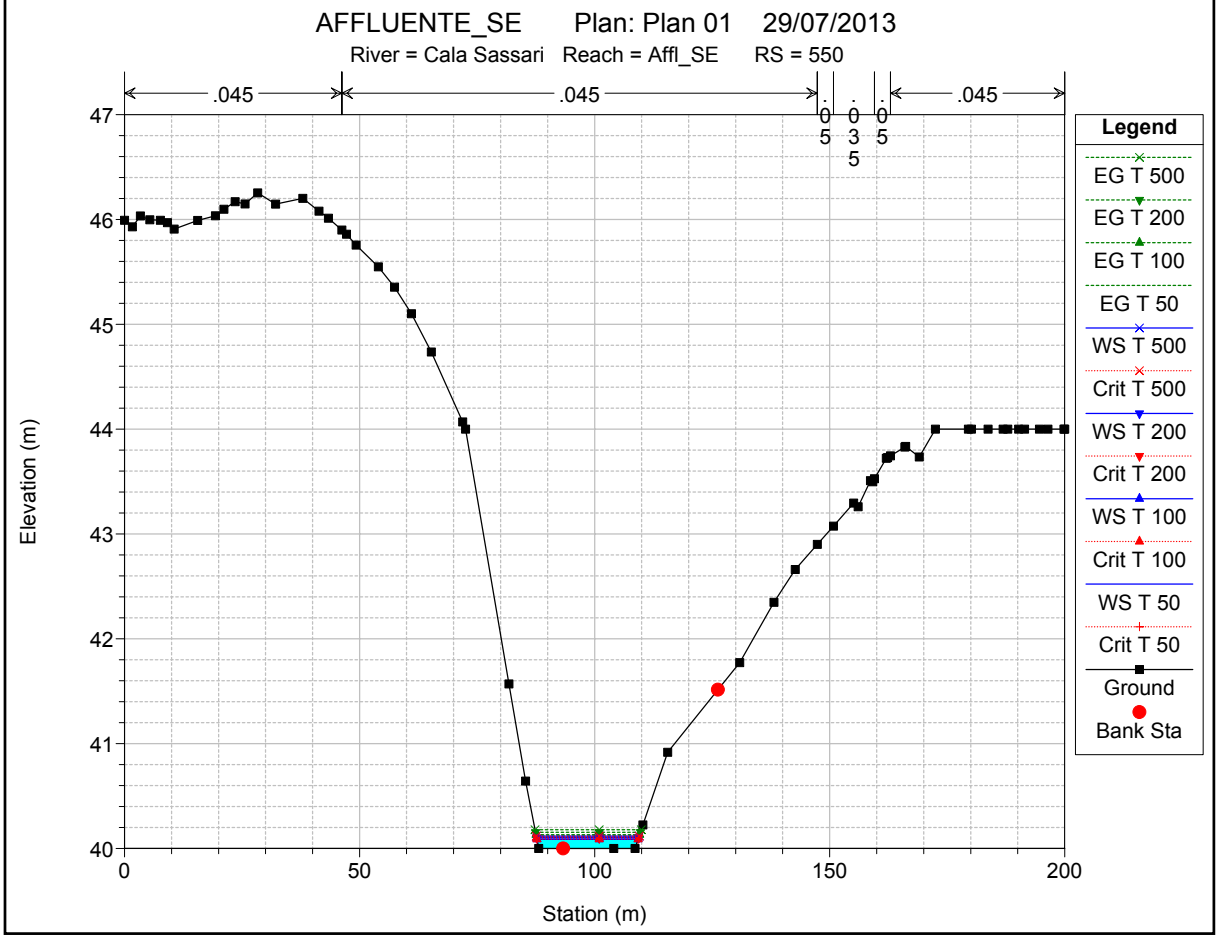

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 800
.045
.04
.045
.045
.045
Elevation (m)
70
68
66
64
62
60
58
56
0
50
100
150
200
Station (m)
Legend
EG T 500
EG T 200
WS T 500
Crit T 500
EG T 100
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

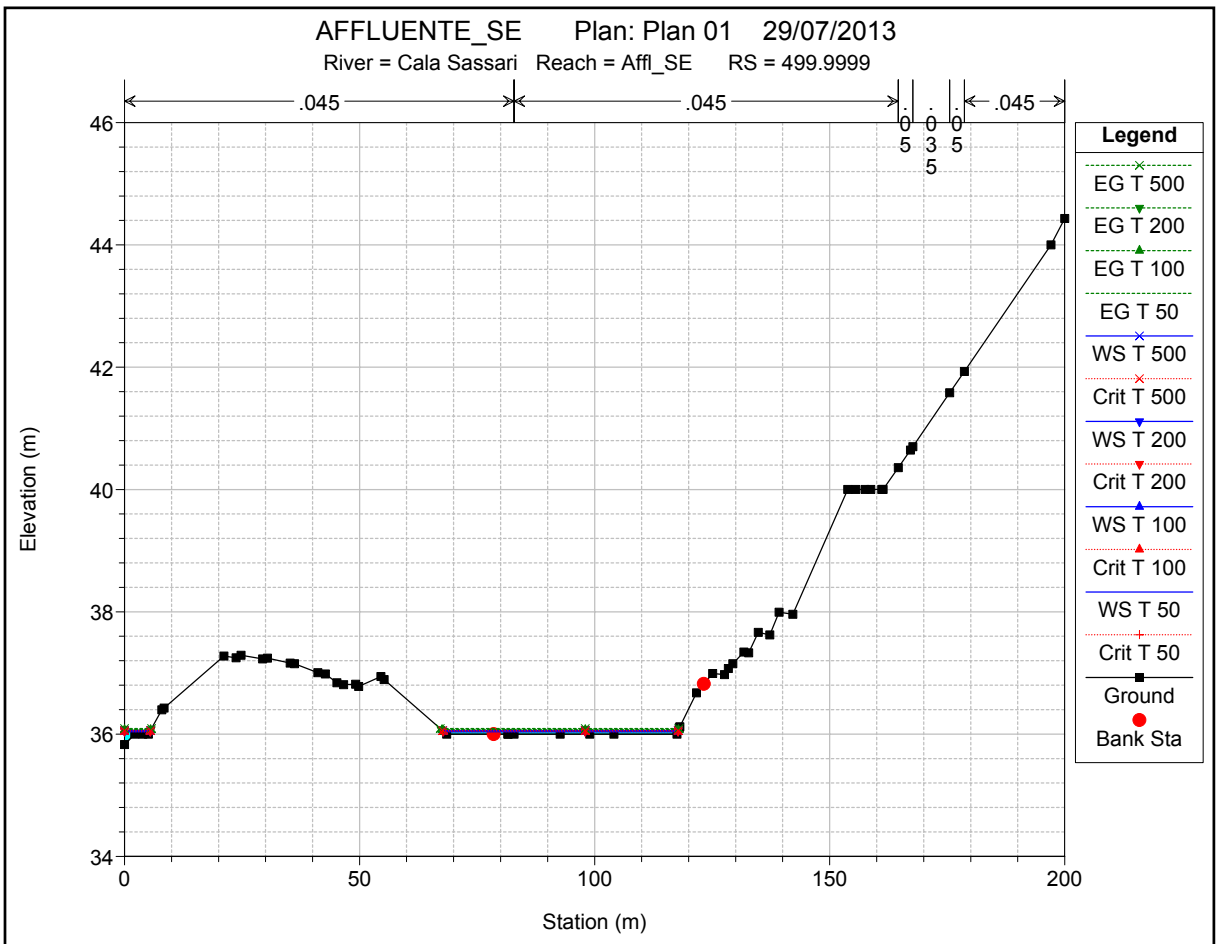

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 750
.045
.045
.045
Elevation (m)
68
66
64
62
60
58
56
54
52
0
50
100
150
200
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

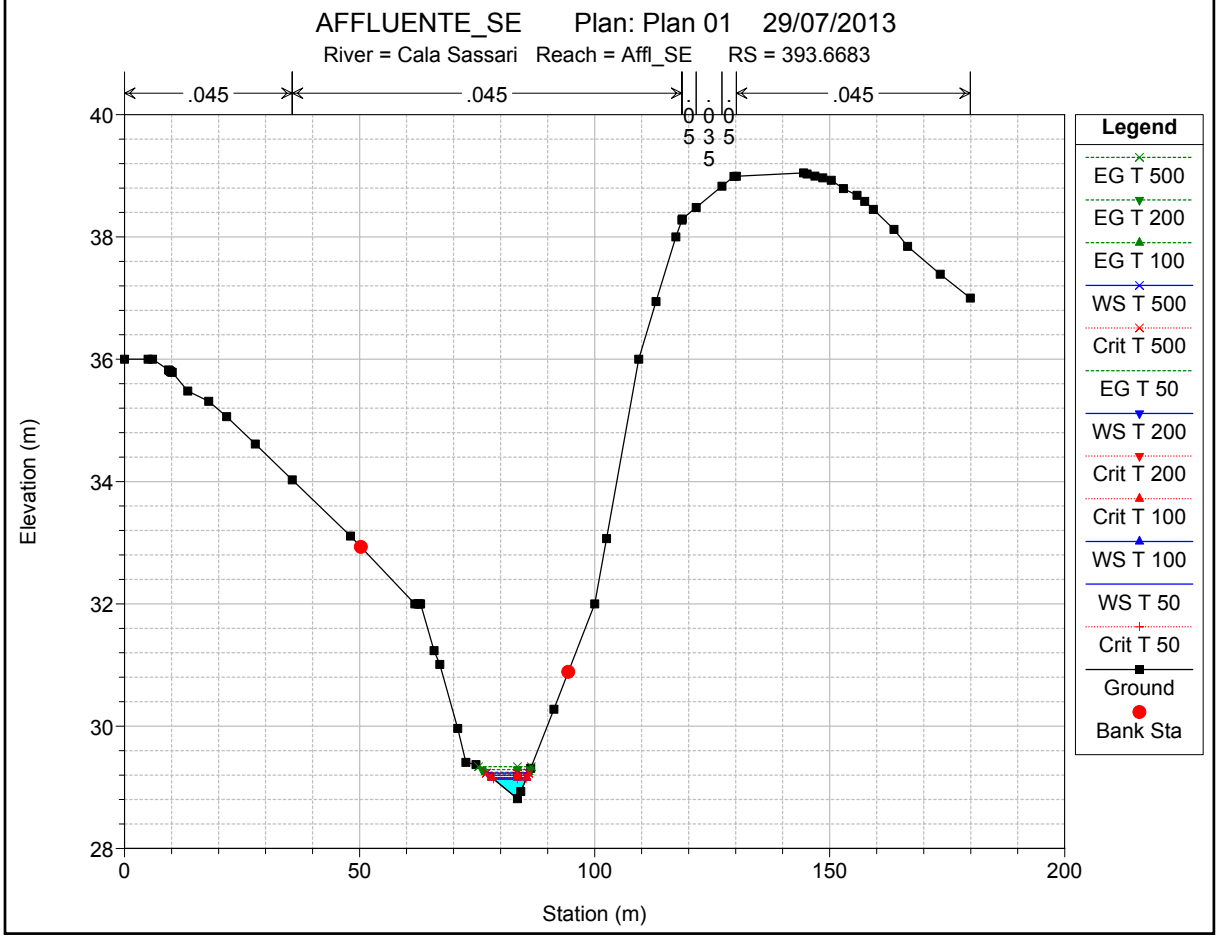

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 696.4609
.045
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 200
WS T 500
Crit T 500
EG T 50
WS T 100
Crit T 200
WS T 50
Crit T 100
Ground
Bank Sta

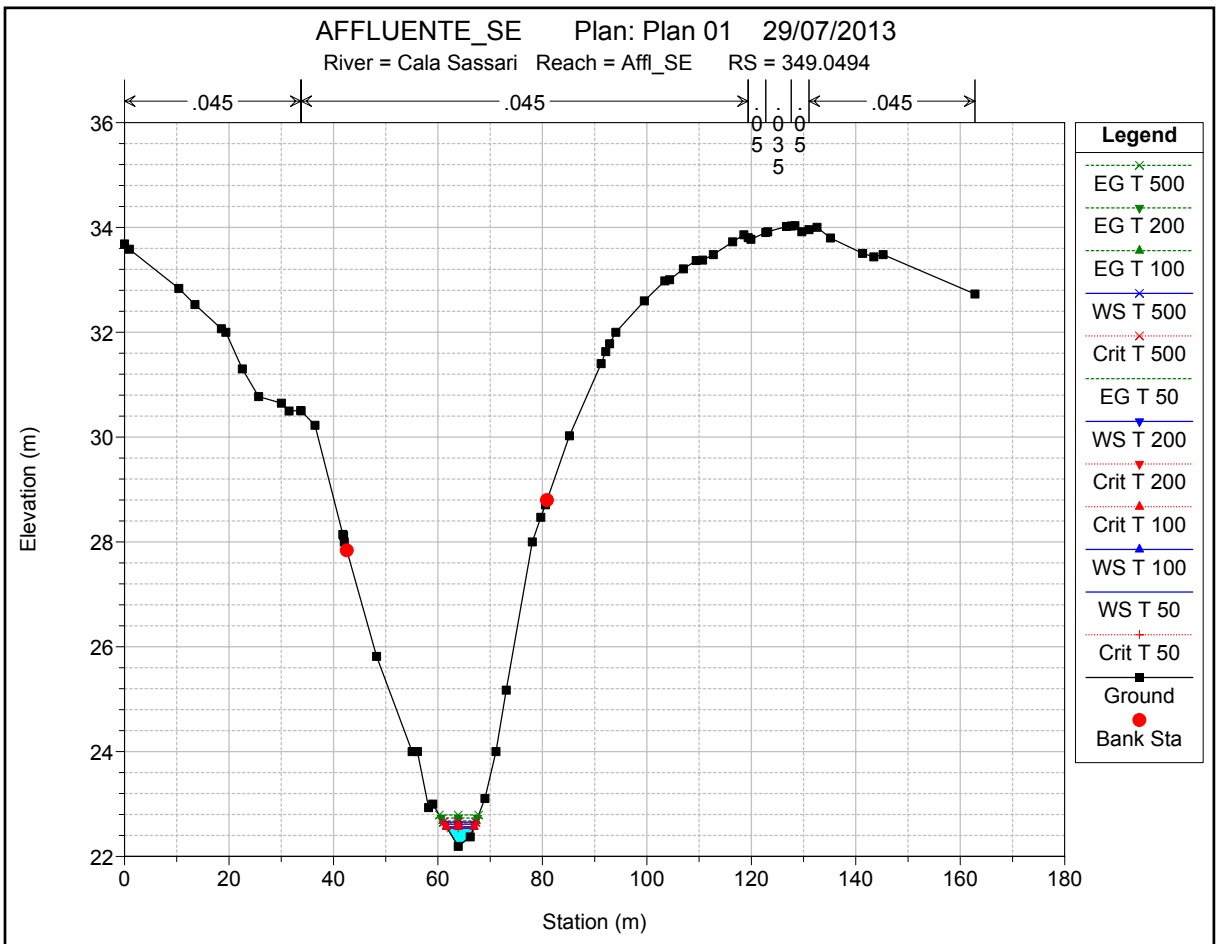

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 650
.045
.045
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
WS T 500
Crit T 500
EG T 100
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

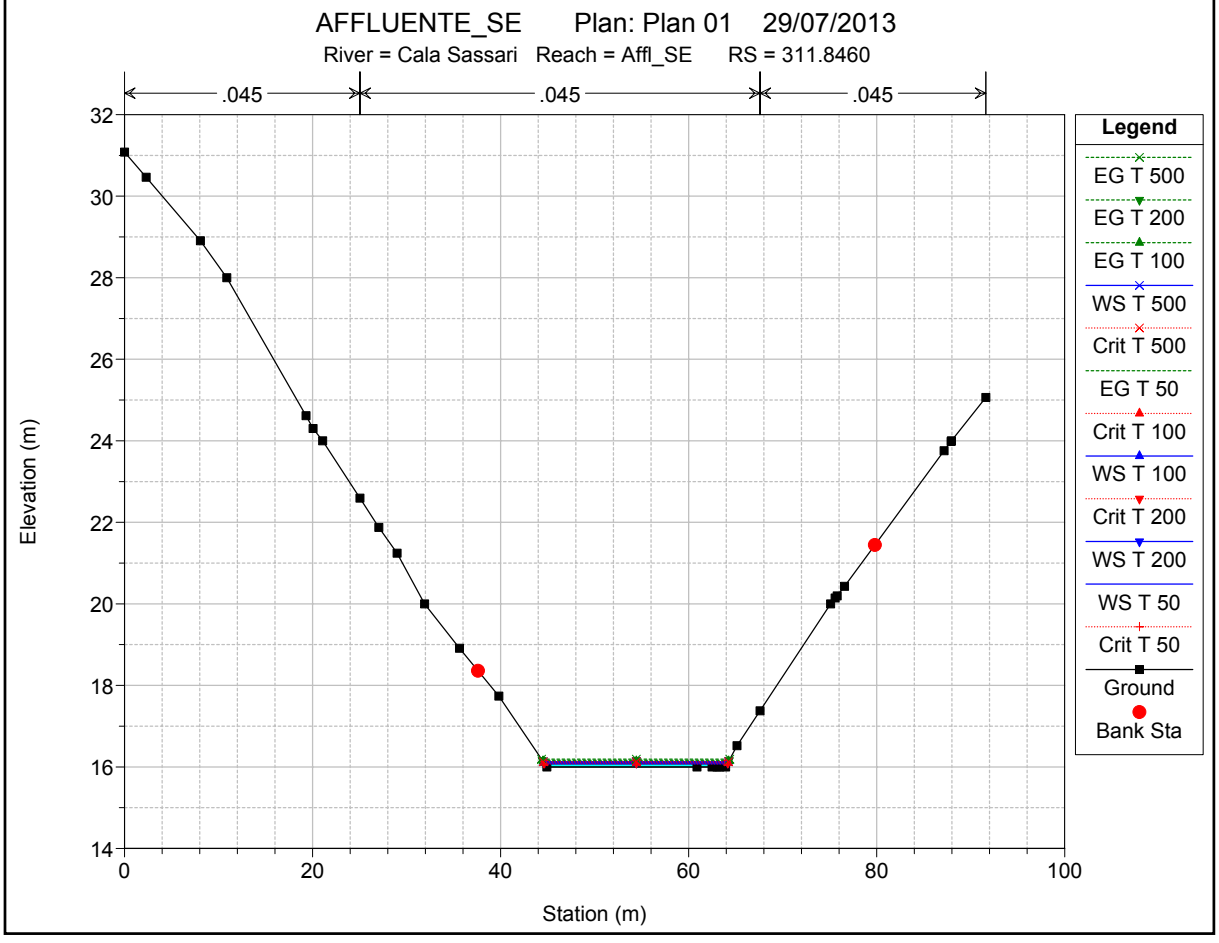

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 600
.045
.035
.05
.045
.045
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
49
48
47
46
45
44
43
0
50
100
150
200

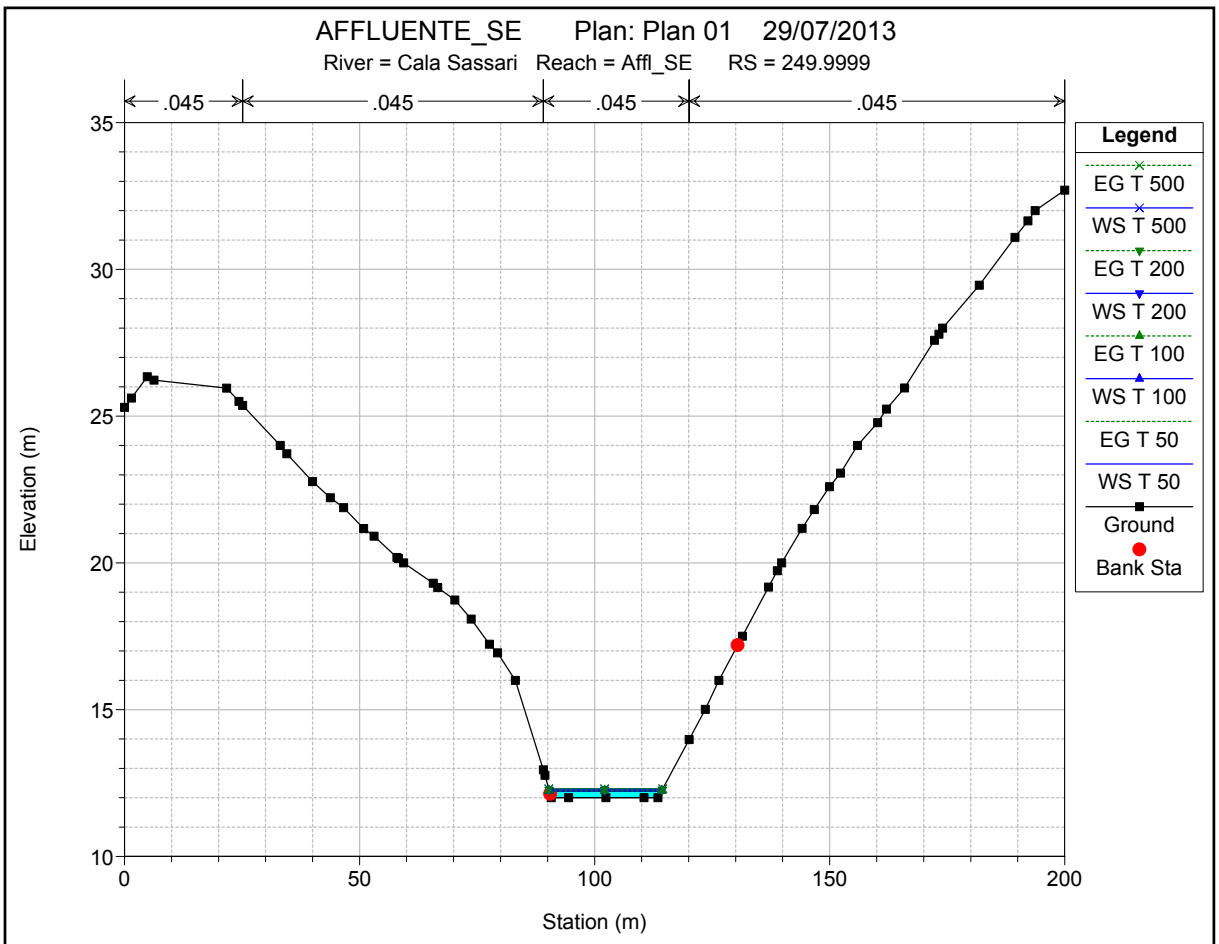

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 550
.045
.045
.05
.035
.05
.045
Legend
EG T 500
EG T 200
EG T 100
EG T 50
WS T 500
Crit T 500
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
47
46
45
44
43
42
41
40
0
50
100
150
200

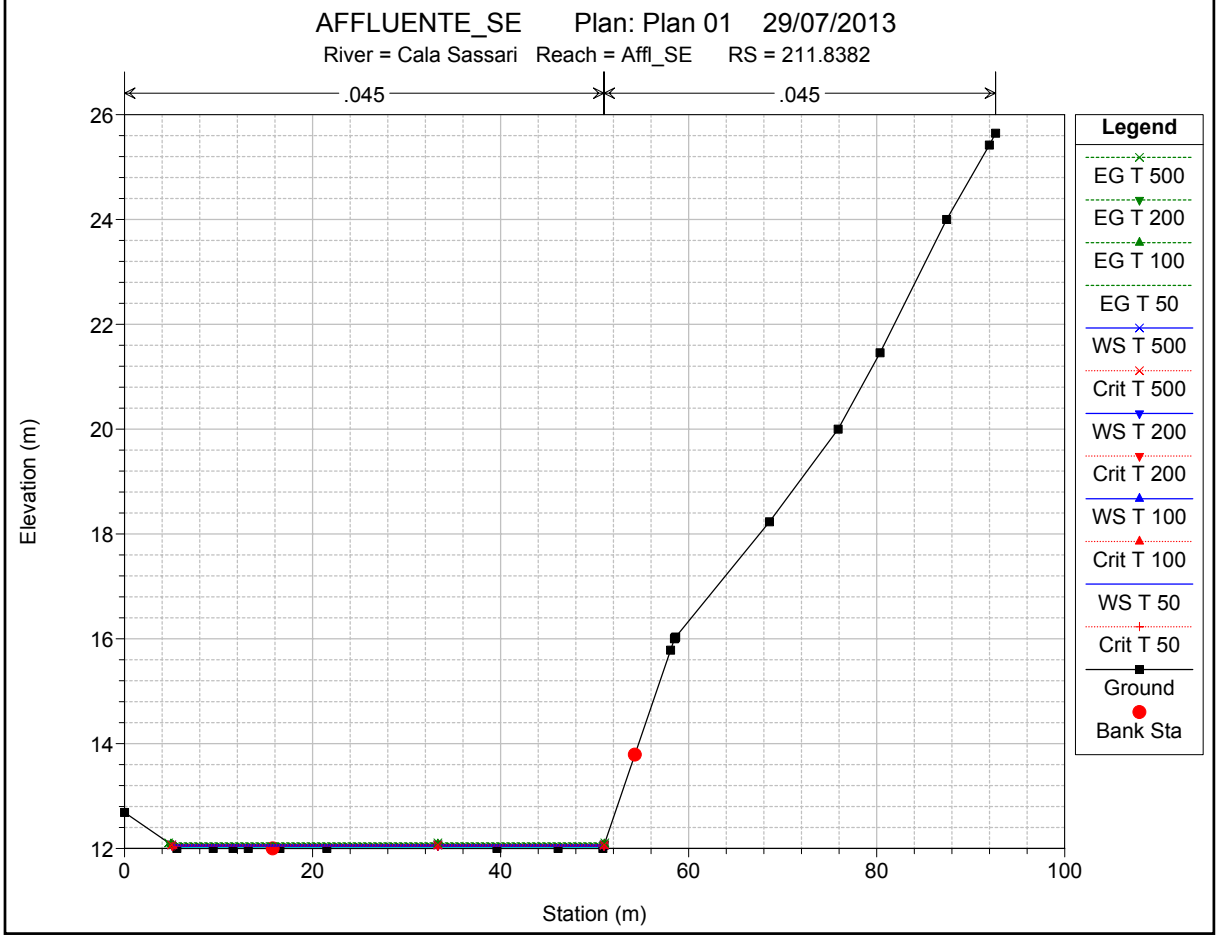

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 499.9999
.045
.045
.045
.05
.035
.05
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
EG T 50
WS T 500
Crit T 500
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta

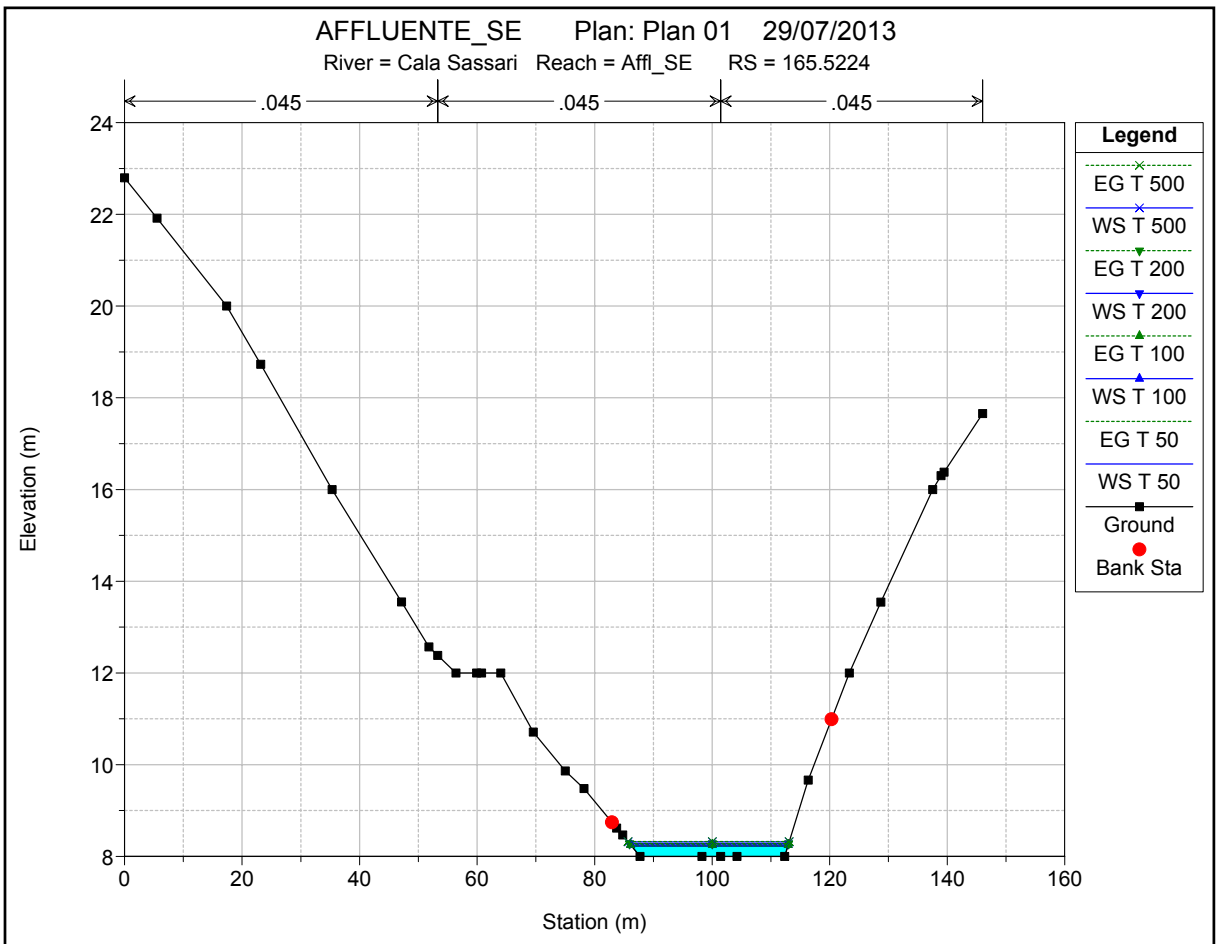

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 393.6683
.045
.045
.045
.05
.035
.05
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

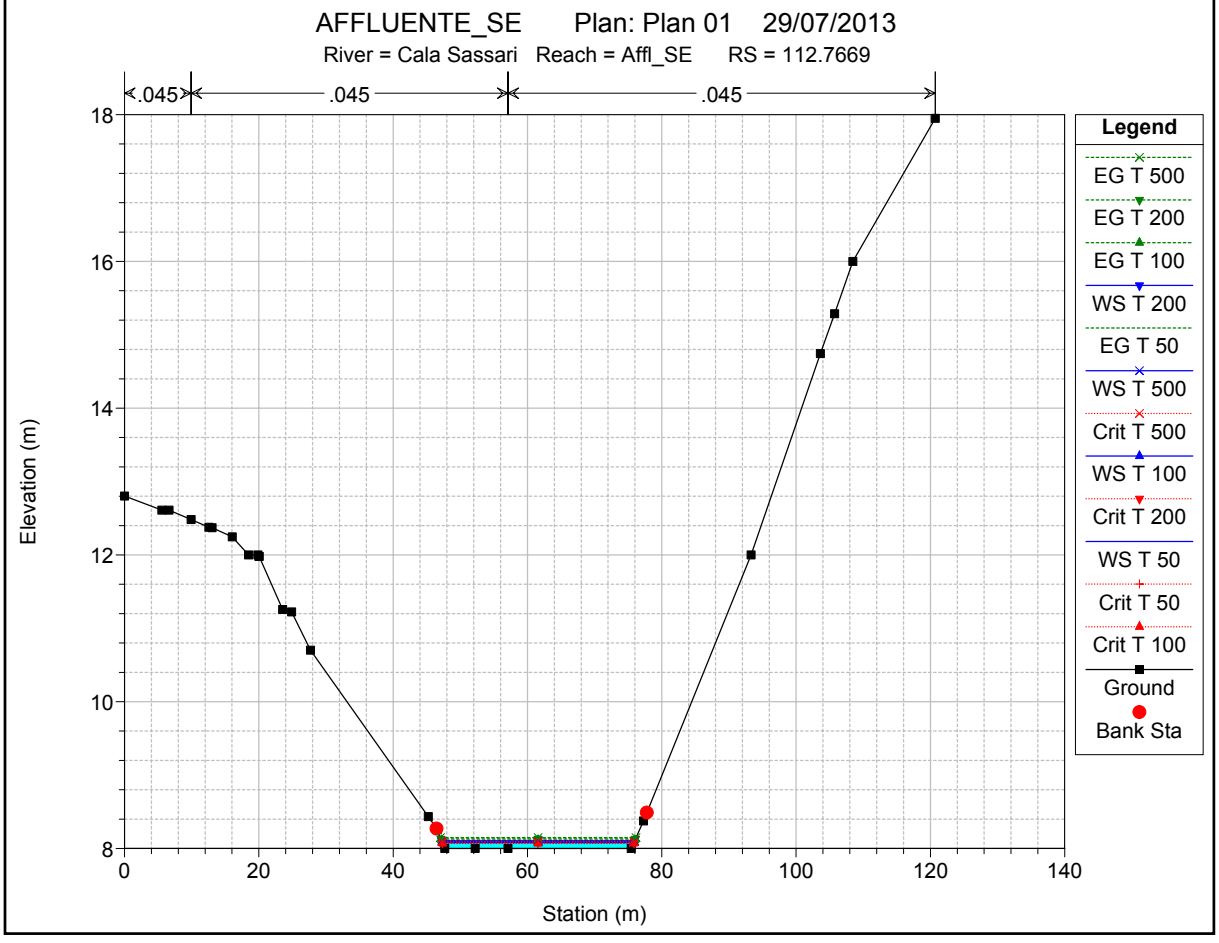

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 349.0494
.045
.045
.035
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

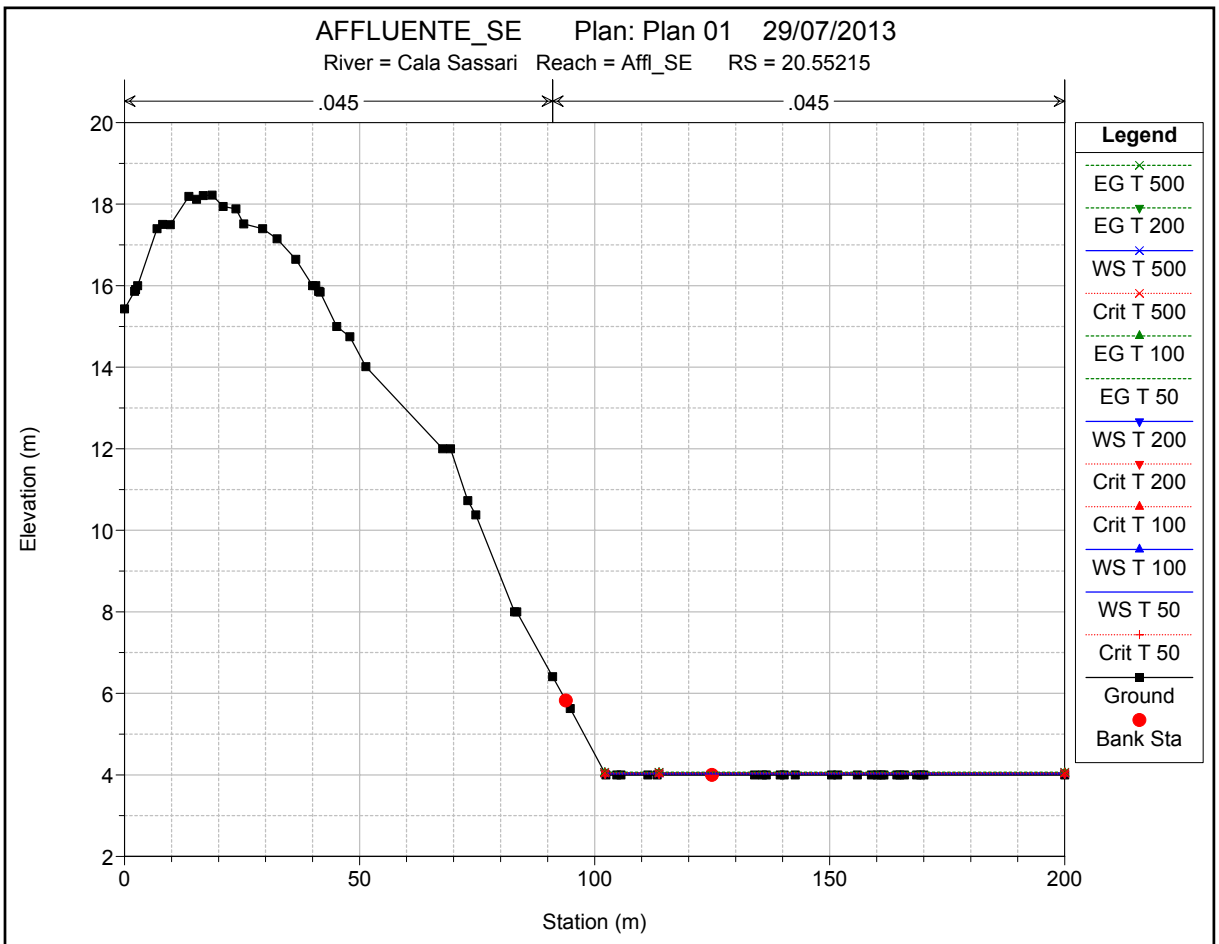

AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 311.8460
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
Crit T 100
WS T 100
Crit T 200
WS T 200
WS T 50
Crit T 50
Ground
Bank Sta


AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 249.9999
.045
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 211.8382
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
EG T 50
WS T 500
Crit T 500
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta


AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 165.5224
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 112.7669
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 200
EG T 50
WS T 500
Crit T 500
WS T 100
Crit T 200
WS T 50
Crit T 50
Crit T 100
Ground
Bank Sta


AFFLUENTE_SE Plan: Plan 01 29/07/2013
River = Cala Sassari Reach = Affl_SE RS = 20.55215
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
WS T 500
Crit T 500
EG T 100
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

HEC-RAS Plan: Plan 01 River: Cala Sassari Reach: Affl_SE

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)	
Affl_SE	1400	T 50	1.43	126.26	126.53	126.53	126.59	0.039086	1.15	1.25	9.35	1.00
Affl_SE	1400	T 100	1.70	126.26	126.54	126.54	126.62	0.040914	1.22	1.40	9.87	1.03
Affl_SE	1400	T 200	2.17	126.26	126.57	126.57	126.65	0.038137	1.27	1.71	10.84	1.02
Affl_SE	1400	T 500	2.72	126.26	126.60	126.60	126.69	0.035017	1.33	2.04	11.25	1.00
Affl_SE	1350	T 50	1.43	115.24	115.45	115.45	115.50	0.041857	1.04	1.38	12.57	1.00
Affl_SE	1350	T 100	1.70	115.24	115.46	115.46	115.52	0.040148	1.10	1.55	12.67	1.00
Affl_SE	1350	T 200	2.17	115.24	115.49	115.49	115.56	0.038193	1.18	1.83	12.84	1.00
Affl_SE	1350	T 500	2.72	115.24	115.51	115.51	115.59	0.036010	1.27	2.15	13.02	0.99
Affl_SE	1300	T 50	1.43	96.29	96.56	96.56	96.63	0.037316	1.20	1.19	7.98	1.00
Affl_SE	1300	T 100	1.70	96.29	96.58	96.58	96.66	0.036289	1.26	1.35	8.35	1.00
Affl_SE	1300	T 200	2.17	96.29	96.61	96.61	96.70	0.034902	1.33	1.63	8.95	1.00
Affl_SE	1300	T 500	2.72	96.29	96.64	96.64	96.74	0.034049	1.41	1.93	9.58	1.00
Affl_SE	1250	T 50	1.43	80.00	80.16	80.16	80.23	0.038310	1.21	1.19	8.08	1.00
Affl_SE	1250	T 100	1.70	80.00	80.17	80.17	80.26	0.037597	1.28	1.33	8.19	1.01
Affl_SE	1250	T 200	2.17	80.00	80.20	80.20	80.30	0.034937	1.36	1.59	8.38	1.00
Affl_SE	1250	T 500	2.72	80.00	80.24	80.24	80.35	0.033308	1.46	1.86	8.57	1.00
Affl_SE	1200	T 50	1.43	76.00	76.07	76.07	76.10	0.055607	0.86	1.67	25.07	1.06
Affl_SE	1200	T 100	1.70	76.00	76.09	76.09	76.12	0.025232	0.72	2.35	25.19	0.76
Affl_SE	1200	T 200	2.17	76.00	76.09	76.09	76.14	0.047349	0.97	2.25	25.18	1.03
Affl_SE	1200	T 500	2.72	76.00	76.11	76.11	76.16	0.043913	1.03	2.64	25.25	1.02
Affl_SE	1150	T 50	1.43	72.00	72.05	72.05	72.09	0.067757	0.83	1.73	31.79	1.14
Affl_SE	1150	T 100	1.70	72.00	72.07	72.07	72.10	0.034317	0.72	2.35	31.93	0.85
Affl_SE	1150	T 200	2.17	72.00	72.07	72.07	72.12	0.054007	0.91	2.38	31.94	1.07
Affl_SE	1150	T 500	2.72	72.00	72.09	72.09	72.14	0.044231	0.94	2.89	32.05	1.00
Affl_SE	1102.989	T 50	1.43	68.00	68.17		68.18	0.005328	0.48	2.98	18.48	0.38
Affl_SE	1102.989	T 100	1.70	68.00	68.19		68.21	0.004700	0.49	3.45	18.73	0.37
Affl_SE	1102.989	T 200	2.17	68.00	68.22		68.24	0.004946	0.55	3.96	18.98	0.38
Affl_SE	1102.989	T 500	2.72	68.00	68.25		68.27	0.004937	0.60	4.56	19.29	0.39
Affl_SE	1050	T 50	1.43	67.68	67.45	67.45	67.50	0.030844		1.42	10.86	0.00
Affl_SE	1050	T 100	1.70	67.68	67.45	67.45	67.53	0.044205		1.41	10.83	0.00
Affl_SE	1050	T 200	2.17	67.68	67.49	67.49	67.56	0.037434		1.82	12.41	0.00
Affl_SE	1050	T 500	2.72	67.68	67.51	67.51	67.59	0.036639		2.18	13.66	0.00
Affl_SE	999.9999	T 50	1.43	64.00	64.07	64.05	64.09	0.025244	0.61	2.34	32.64	0.73
Affl_SE	999.9999	T 100	1.70	64.00	64.09	64.06	64.11	0.017924	0.59	2.89	32.81	0.63
Affl_SE	999.9999	T 200	2.17	64.00	64.10	64.08	64.12	0.022282	0.69	3.14	32.89	0.72
Affl_SE	999.9999	T 500	2.72	64.00	64.11	64.08	64.14	0.021331	0.75	3.65	33.05	0.72
Affl_SE	949.9999	T 50	1.43	62.41	62.56	62.56	62.60	0.035846	0.80	1.78	21.27	0.89
Affl_SE	949.9999	T 100	1.70	62.41	62.56	62.56	62.61	0.060201	1.01	1.69	21.24	1.14
Affl_SE	949.9999	T 200	2.17	62.41	62.58	62.58	62.63	0.042175	0.99	2.18	21.41	0.99
Affl_SE	949.9999	T 500	2.72	62.41	62.60	62.60	62.66	0.044098	1.10	2.47	21.51	1.04
Affl_SE	899.9999	T 50	1.43	60.00	60.11	60.11	60.17	0.047625	1.09	1.31	12.31	1.06
Affl_SE	899.9999	T 100	1.70	60.00	60.13	60.13	60.19	0.039934	1.10	1.55	12.54	1.00
Affl_SE	899.9999	T 200	2.17	60.00	60.15	60.15	60.23	0.037978	1.18	1.83	12.81	1.00
Affl_SE	899.9999	T 500	2.72	60.00	60.18	60.18	60.26	0.036252	1.27	2.15	13.10	1.00
Affl_SE	845.2678	T 50	1.43	56.00	56.38		56.39	0.002196	0.42	3.43	13.51	0.26
Affl_SE	845.2678	T 100	1.70	56.00	56.40		56.41	0.002473	0.46	3.71	13.83	0.28
Affl_SE	845.2678	T 200	2.17	56.00	56.44		56.45	0.002760	0.51	4.23	14.42	0.30
Affl_SE	845.2678	T 500	2.72	56.00	56.46		56.48	0.003393	0.59	4.60	14.83	0.34
Affl_SE	800	T 50	1.43	56.00	56.05	56.05	56.08	0.055776	0.76	1.91	38.19	1.08
Affl_SE	800	T 100	1.70	56.00	56.06	56.06	56.09	0.046028	0.77	2.24	38.28	1.01
Affl_SE	800	T 200	2.17	56.00	56.07	56.07	56.10	0.048708	0.86	2.56	38.36	1.06
Affl_SE	800	T 500	2.72	56.00	56.10	56.10	56.12	0.023602	0.76	3.65	38.64	0.78
Affl_SE	750	T 50	1.43	52.00	52.13	52.13	52.19	0.040436	1.05	1.36	12.09	1.00
Affl_SE	750	T 100	1.70	52.00	52.14	52.14	52.21	0.042056	1.13	1.51	12.38	1.03
Affl_SE	750	T 200	2.17	52.00	52.18	52.18	52.24	0.027569	1.06	2.04	13.40	0.87
Affl_SE	750	T 500	2.72	52.00	52.19	52.19	52.27	0.038131	1.28	2.13	13.56	1.03
Affl_SE	696.4609	T 50	1.43	49.35	49.61		49.65	0.022733	0.87	1.64	12.36	0.76
Affl_SE	696.4609	T 100	1.70	49.35	49.63	49.60	49.67	0.023771	0.93	1.84	13.08	0.79
Affl_SE	696.4609	T 200	2.17	49.35	49.66	49.63	49.71	0.022041	0.96	2.27	14.55	0.77
Affl_SE	696.4609	T 500	2.72	49.35	49.66	49.66	49.73	0.036367	1.22	2.23	14.41	0.99
Affl_SE	650	T 50	1.43	48.00	48.05	48.05	48.07	0.056616	0.70	2.05	43.04	1.02
Affl_SE	650	T 100	1.70	48.00	48.05	48.05	48.08	0.052938	0.74	2.33	43.15	1.01
Affl_SE	650	T 200	2.17	48.00	48.06	48.06	48.10	0.060854	0.85	2.59	43.25	1.10
Affl_SE	650	T 500	2.72	48.00	48.08	48.08	48.11	0.032878	0.77	3.57	43.64	0.85
Affl_SE	600	T 50	1.43	43.84	44.06	44.06	44.13	0.023058	1.17	1.23	8.80	1.00
Affl_SE	600	T 100	1.70	43.84	44.08	44.08	44.15	0.021817	1.21	1.41	9.41	1.00
Affl_SE	600	T 200	2.17	43.84	44.11	44.11	44.19	0.020119	1.26	1.72	10.55	1.00

HEC-RAS Plan: Plan 01 River: Cala Sassari Reach: Affl_SE (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)	
Affl_SE	600	T 500	2.72	43.84	44.14	44.14	44.23	0.019159	1.32	2.06	11.59	1.00
Affl_SE	550	T 50	1.43	40.00	40.09	40.09	40.12	0.032832	0.78	1.83	21.53	0.85
Affl_SE	550	T 100	1.70	40.00	40.09	40.09	40.13	0.045468	0.92	1.85	21.54	1.00
Affl_SE	550	T 200	2.17	40.00	40.10	40.10	40.15	0.042679	1.00	2.19	21.72	1.00
Affl_SE	550	T 500	2.72	40.00	40.12	40.12	40.18	0.044611	1.10	2.48	21.88	1.04
Affl_SE	499.9999	T 50	1.43	36.00	36.04	36.04	36.06	0.045027	0.56	2.40	55.16	0.88
Affl_SE	499.9999	T 100	1.70	36.00	36.04	36.04	36.07	0.060457	0.65	2.44	55.18	1.02
Affl_SE	499.9999	T 200	2.17	36.00	36.05	36.05	36.08	0.046371	0.67	3.08	55.49	0.94
Affl_SE	499.9999	T 500	2.72	36.00	36.06	36.06	36.09	0.056510	0.78	3.33	55.61	1.05
Affl_SE	393.6683	T 50	1.43	28.81	29.13	29.13	29.22	0.037532	1.27	1.12	6.92	1.01
Affl_SE	393.6683	T 100	1.70	28.81	29.16	29.16	29.25	0.035467	1.30	1.30	7.46	1.00
Affl_SE	393.6683	T 200	2.17	28.81	29.20	29.20	29.29	0.034403	1.37	1.58	8.22	1.00
Affl_SE	393.6683	T 500	2.72	28.81	29.23	29.23	29.34	0.033367	1.43	1.90	9.00	1.00
Affl_SE	349.0494	T 50	1.43	22.19	22.54	22.54	22.64	0.034075	1.40	1.02	5.06	1.00
Affl_SE	349.0494	T 100	1.70	22.19	22.57	22.57	22.68	0.034080	1.47	1.16	5.31	1.01
Affl_SE	349.0494	T 200	2.17	22.19	22.61	22.61	22.73	0.032070	1.54	1.41	5.76	1.00
Affl_SE	349.0494	T 500	2.72	22.19	22.65	22.65	22.79	0.032100	1.64	1.66	6.18	1.01
Affl_SE	311.8460	T 50	1.43	16.00	16.08	16.08	16.12	0.060545	0.98	1.47	19.42	1.13
Affl_SE	311.8460	T 100	1.70	16.00	16.10	16.10	16.14	0.031034	0.85	1.99	19.57	0.85
Affl_SE	311.8460	T 200	2.17	16.00	16.10	16.10	16.16	0.050756	1.09	1.99	19.57	1.09
Affl_SE	311.8460	T 500	2.72	16.00	16.13	16.13	16.19	0.039706	1.11	2.46	19.69	1.00
Affl_SE	249.9999	T 50	1.43	12.00	12.23		12.23	0.001115	0.27	5.27	23.86	0.18
Affl_SE	249.9999	T 100	1.70	12.00	12.24		12.25	0.001281	0.30	5.61	23.93	0.20
Affl_SE	249.9999	T 200	2.17	12.00	12.27		12.27	0.001473	0.35	6.25	24.06	0.22
Affl_SE	249.9999	T 500	2.72	12.00	12.30		12.31	0.001587	0.39	7.01	24.22	0.23
Affl_SE	211.8382	T 50	1.43	12.00	12.04	12.04	12.07	0.099830	0.81	1.78	45.71	1.30
Affl_SE	211.8382	T 100	1.70	12.00	12.05	12.05	12.08	0.059997	0.74	2.30	45.82	1.06
Affl_SE	211.8382	T 200	2.17	12.00	12.06	12.06	12.09	0.050805	0.78	2.80	45.93	1.00
Affl_SE	211.8382	T 500	2.72	12.00	12.07	12.07	12.11	0.057665	0.88	3.09	45.99	1.09
Affl_SE	165.5224	T 50	1.43	8.00	8.23		8.23	0.000933	0.25	5.81	26.59	0.17
Affl_SE	165.5224	T 100	1.70	8.00	8.25		8.25	0.000946	0.26	6.44	26.79	0.17
Affl_SE	165.5224	T 200	2.17	8.00	8.28		8.28	0.001069	0.30	7.22	27.04	0.19
Affl_SE	165.5224	T 500	2.72	8.00	8.32		8.32	0.001082	0.33	8.28	27.38	0.19
Affl_SE	112.7669	T 50	1.43	8.00	8.08	8.07	8.10	0.022965	0.63	2.29	28.51	0.71
Affl_SE	112.7669	T 100	1.70	8.00	8.09	8.07	8.11	0.024085	0.68	2.50	28.58	0.73
Affl_SE	112.7669	T 200	2.17	8.00	8.10	8.09	8.13	0.023888	0.75	2.91	28.71	0.75
Affl_SE	112.7669	T 500	2.72	8.00	8.10	8.10	8.15	0.041677	0.97	2.82	28.68	0.98
Affl_SE	20.55215	T 50	1.43	4.00	4.03	4.03	4.04	0.070033	0.53	2.68	97.73	1.03
Affl_SE	20.55215	T 100	1.79	4.00	4.03	4.03	4.05	0.062115	0.56	3.18	97.75	1.00
Affl_SE	20.55215	T 200	2.17	4.00	4.04	4.04	4.06	0.065925	0.62	3.50	97.76	1.05
Affl_SE	20.55215	T 500	2.72	4.00	4.05	4.05	4.07	0.033560	0.55	4.91	97.83	0.79

IL BACINO CALA SASSARI

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TRONCO FINALE FOCE Plan: Plan 01 29/07/2013

B_CS A_FC

Legend

- EG T 500
- WS T 500
- EG T 200
- WS T 200
- EG T 100
- WS T 100
- EG T 50
- WS T 50
- Crit T 500
- Crit T 200
- Crit T 100
- Crit T 50
- Ground
- LOB
- ROB

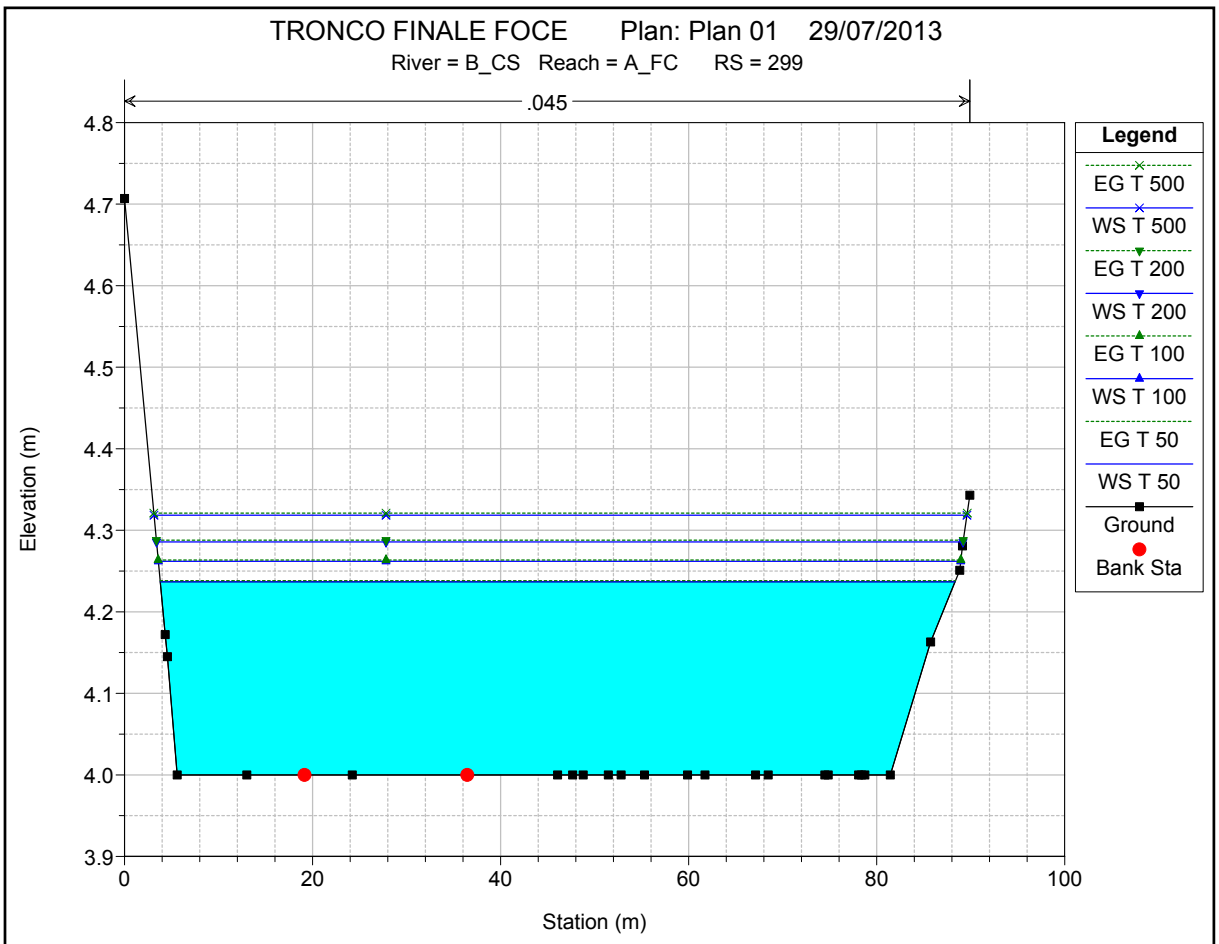
Elevation (m)

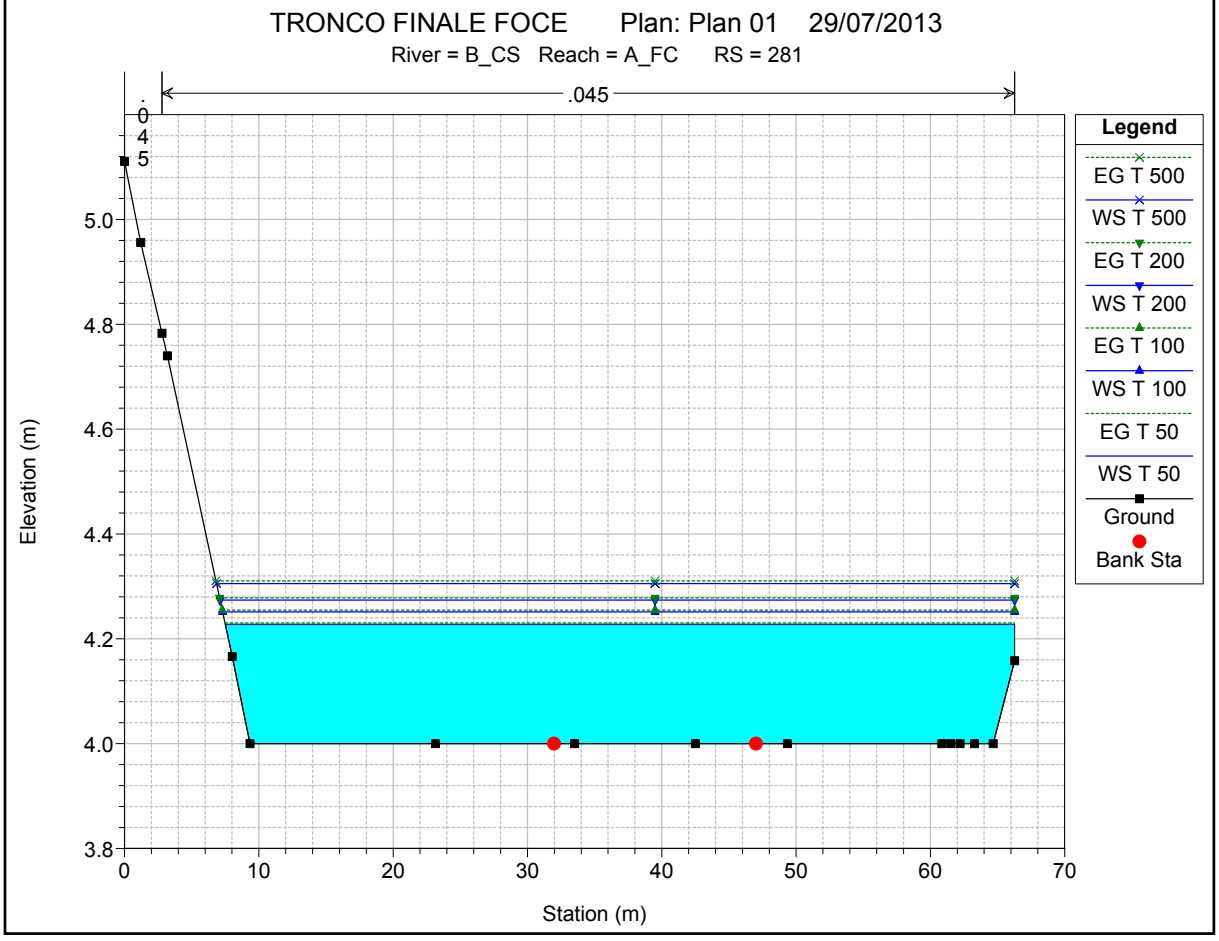
5
4
3
2
1
0

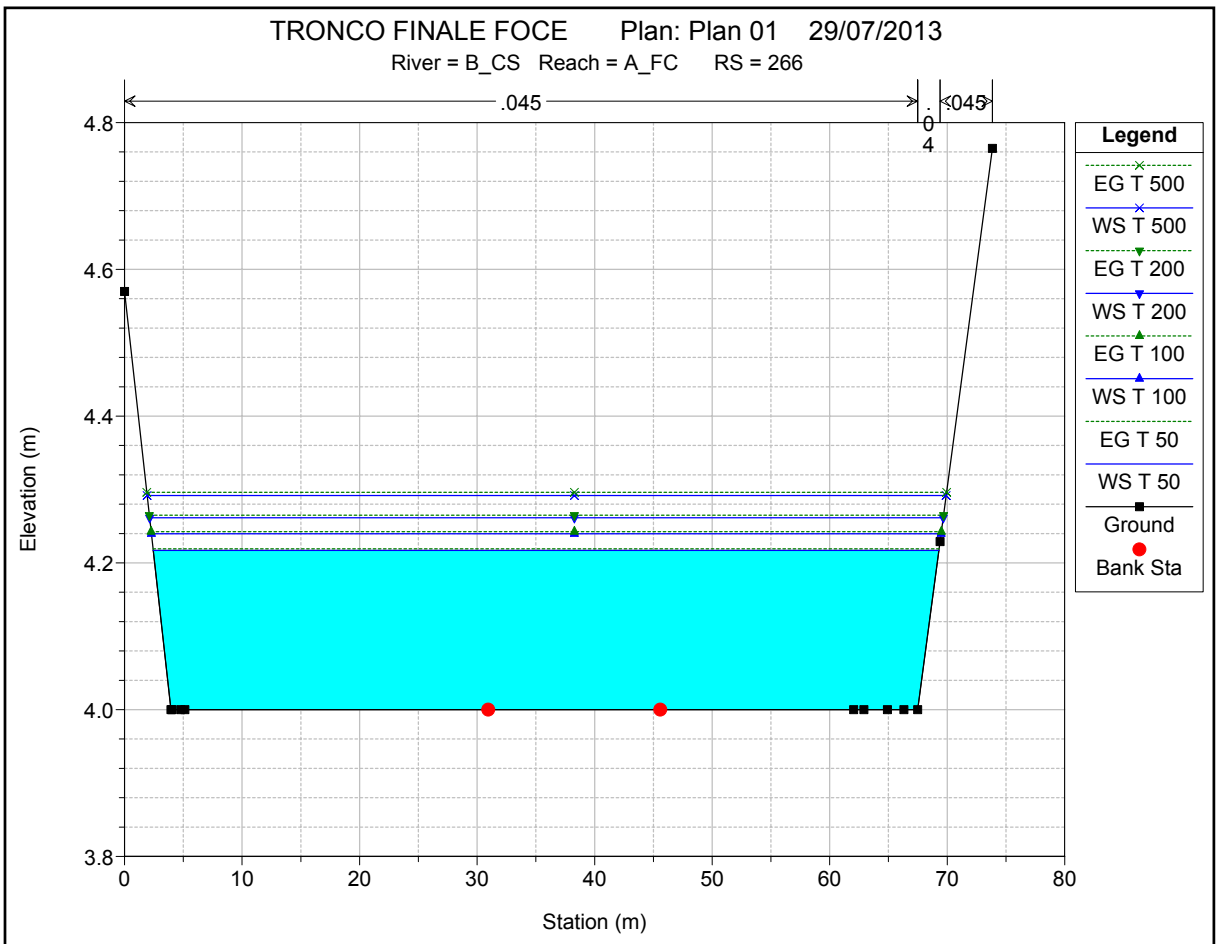
0
50
100
150
200
250
300

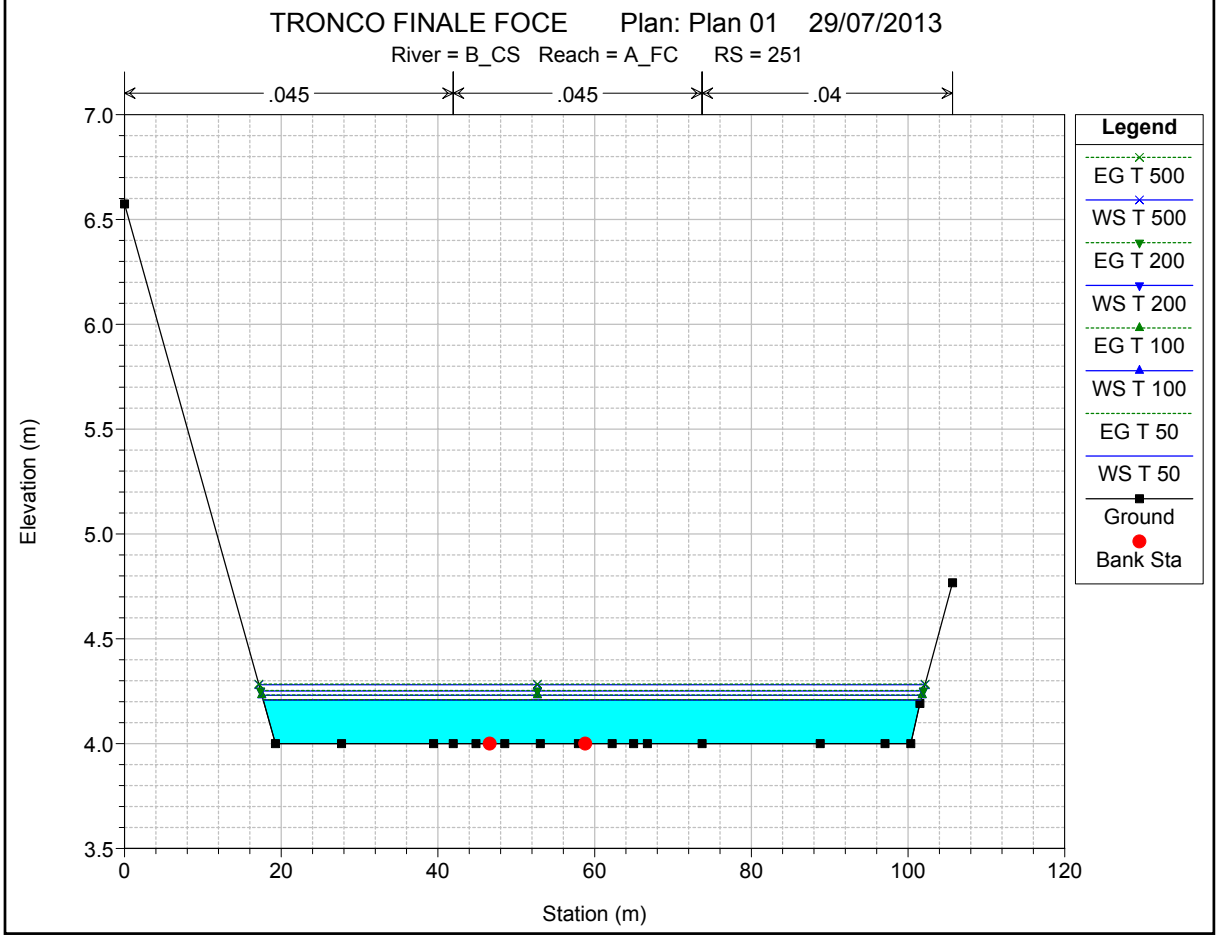
80
89
127
131
165
205
228
251
266
281
299

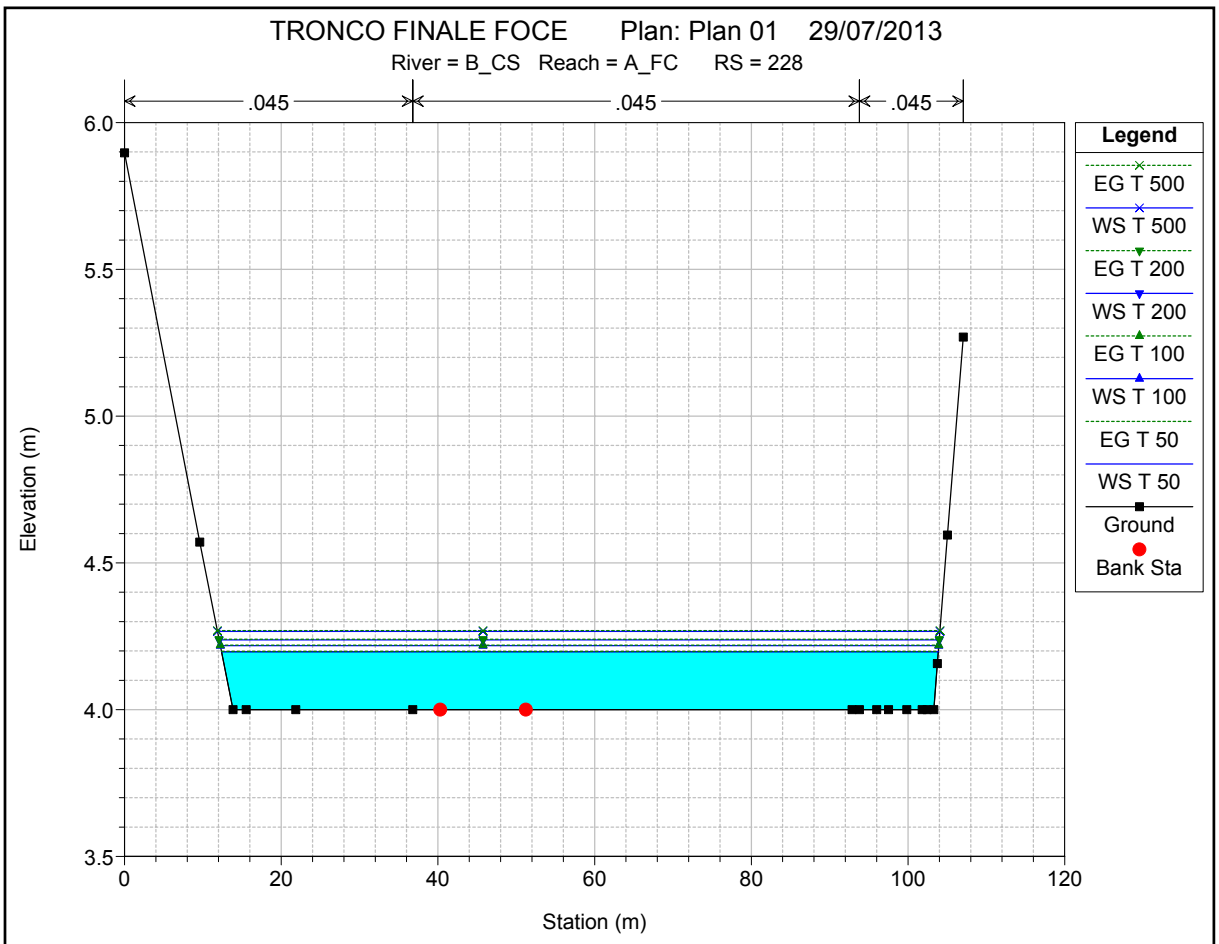
Main Channel Distance (m)

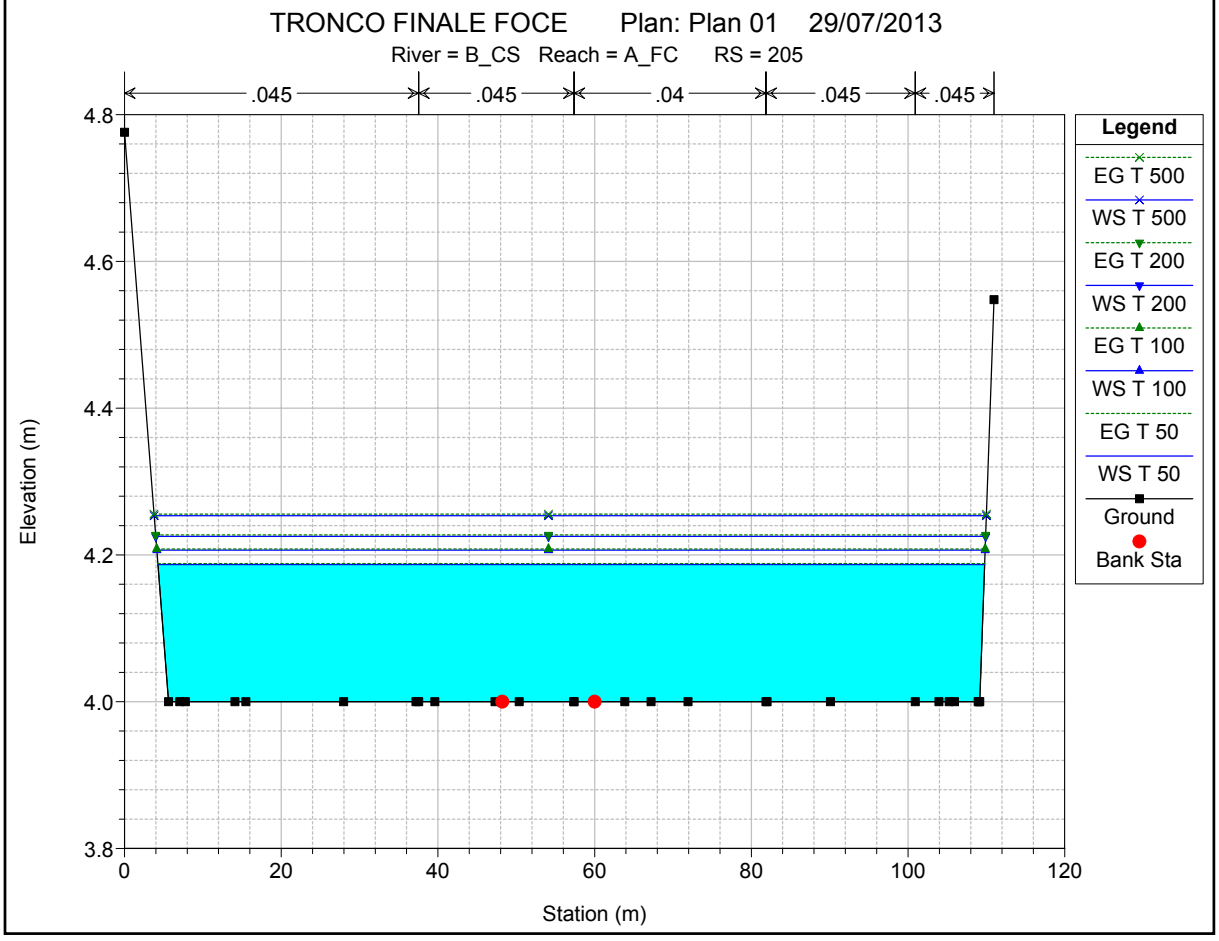

TRONCO FINALE FOCE Plan: Plan 01 29/07/2013
River = B_CS Reach = A_FC RS = 299
.045
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
4.8
4.7
4.6
4.5
4.4
4.3
4.2
4.1
4.0
3.9
0
20
40
60
80
100

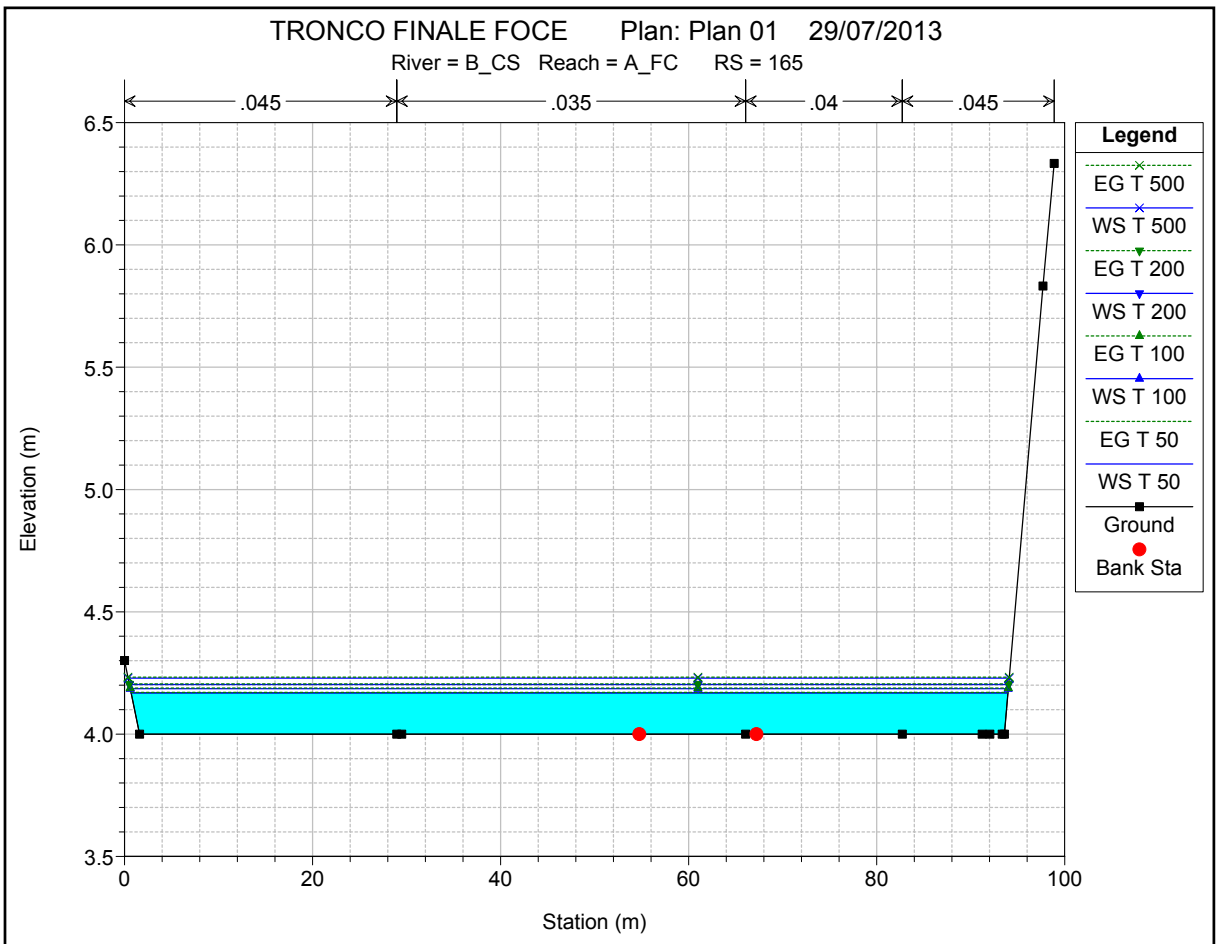

TRONCO FINALE FOCE Plan: Plan 01 29/07/2013
River = B_CS Reach = A_FC RS = 281
.045
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
5.0
4.8
4.6
4.4
4.2
4.0
3.8
0
10
20
30
40
50
60
70

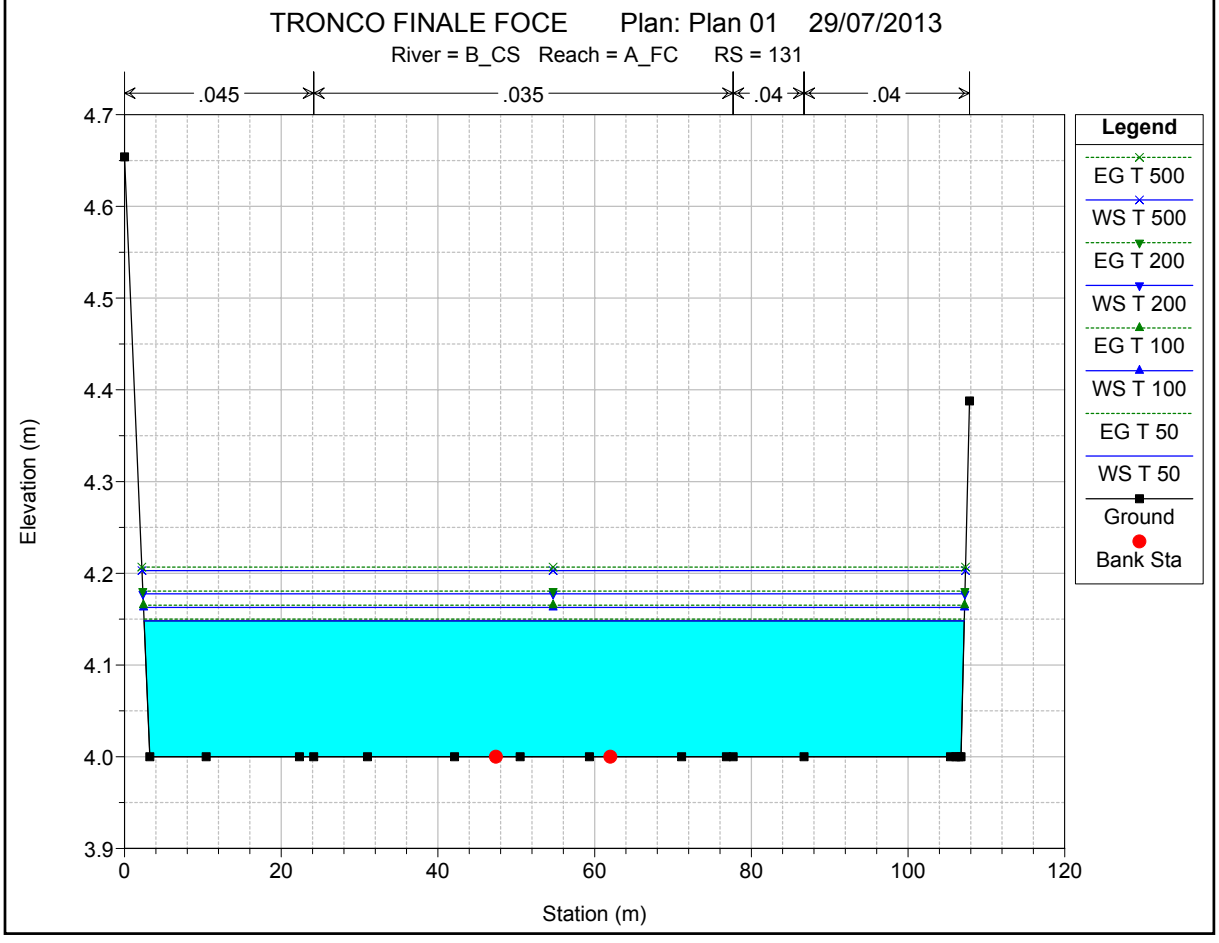

TRONCO FINALE FOCE Plan: Plan 01 29/07/2013
River = B_CS Reach = A_FC RS = 266
.045
.045
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)

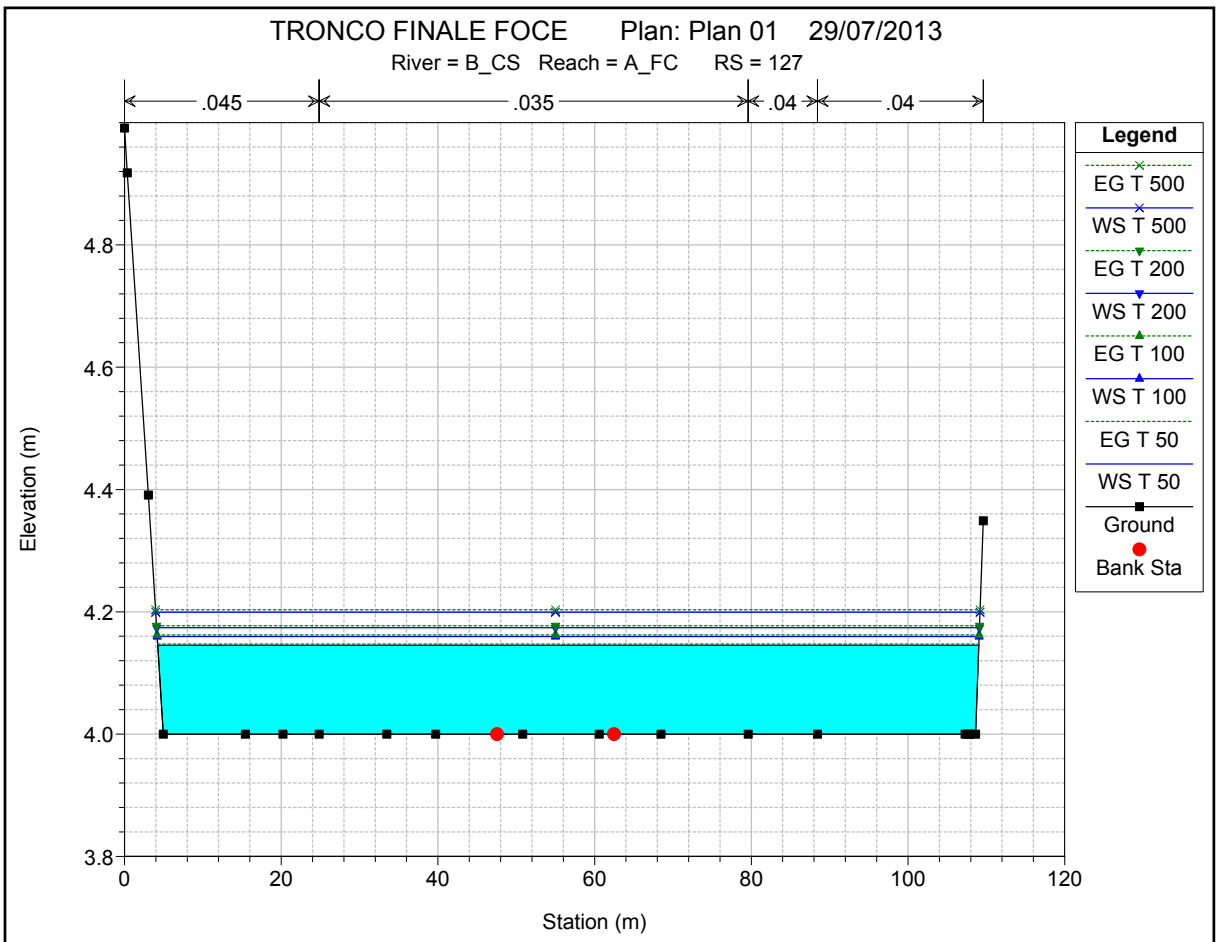

TRONCO FINALE FOCE Plan: Plan 01 29/07/2013
River = B_CS Reach = A_FC RS = 251
.045
.045
.04
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)

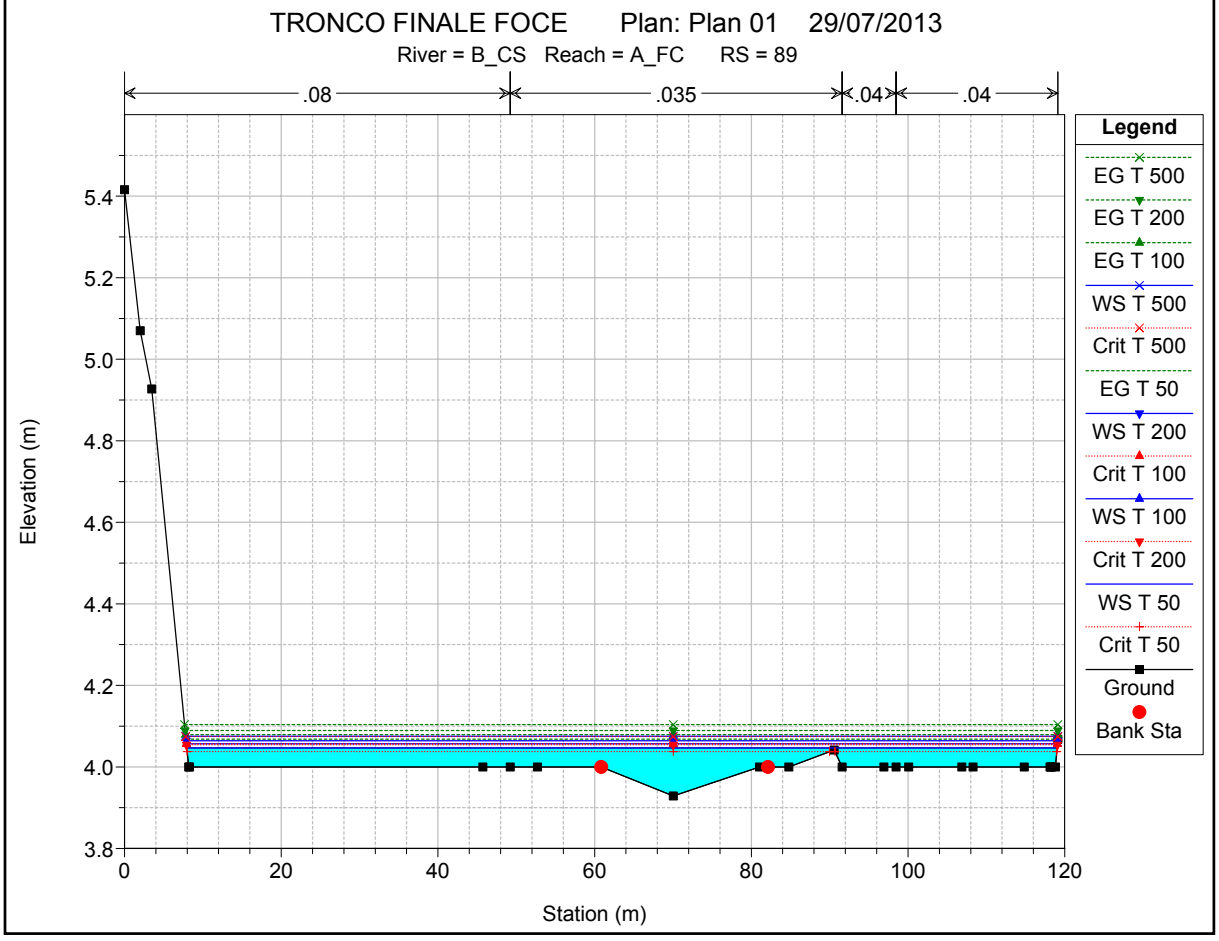

TRONCO FINALE FOCE Plan: Plan 01 29/07/2013
River = B_CS Reach = A_FC RS = 228
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

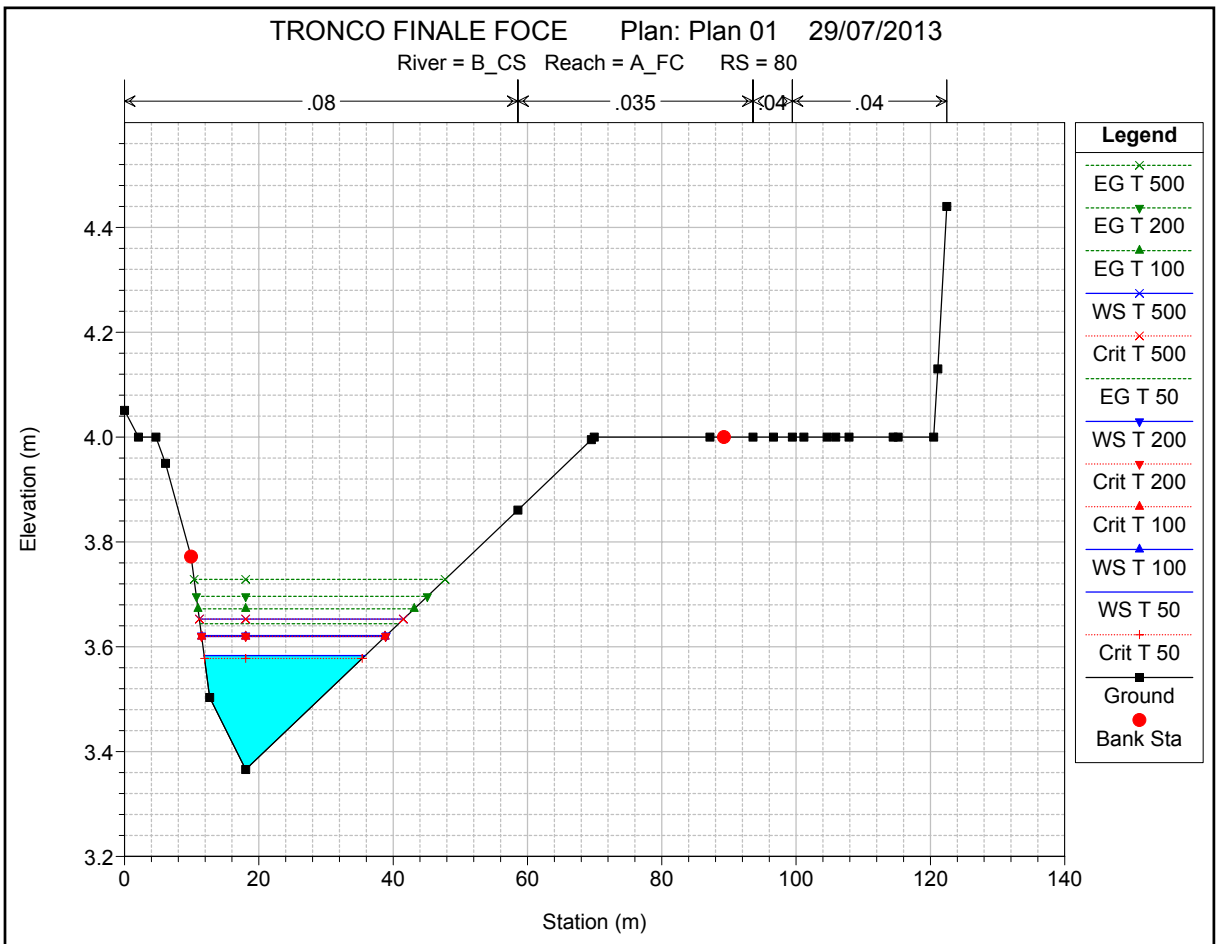

TRONCO FINALE FOCE Plan: Plan 01 29/07/2013
River = B_CS Reach = A_FC RS = 205
.045
.045
.04
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

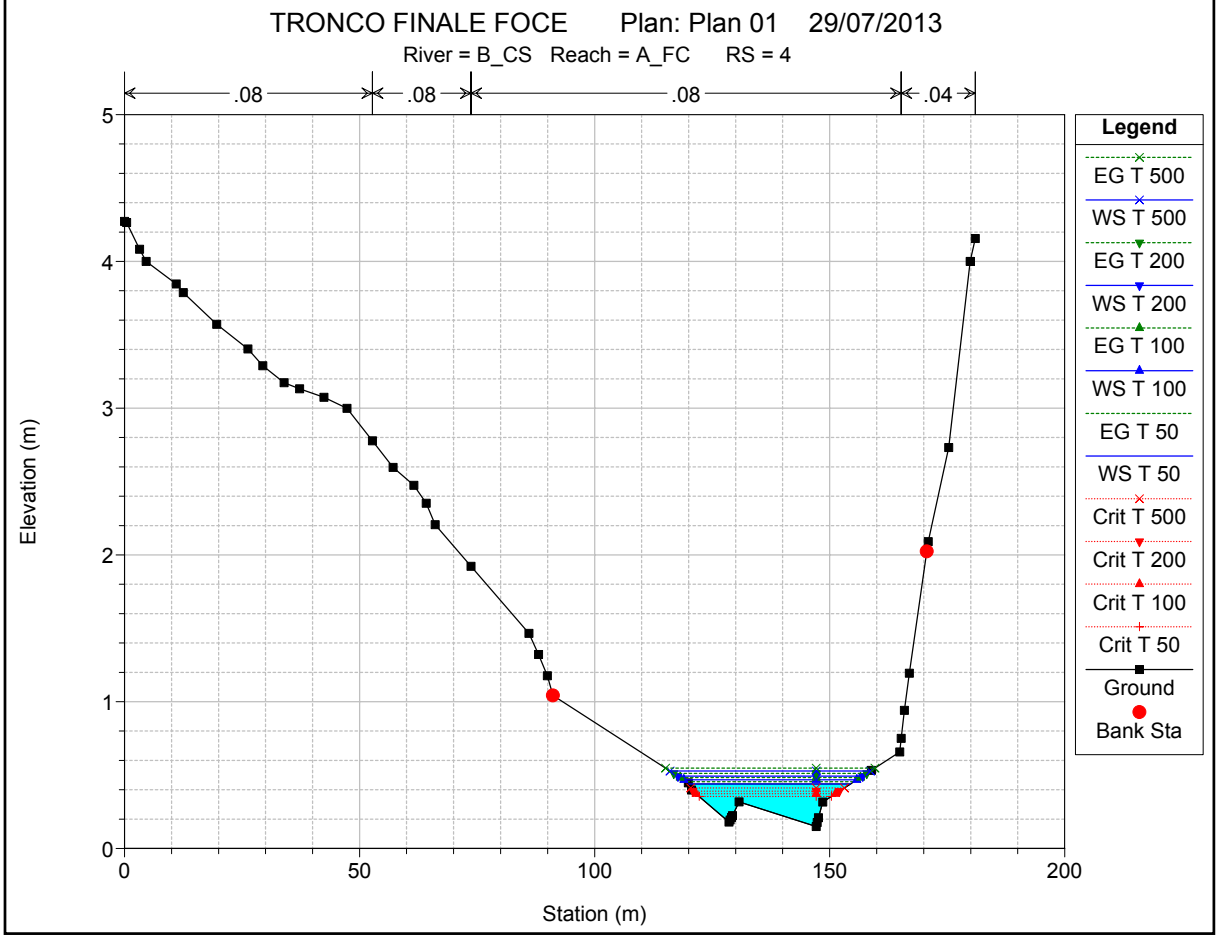

TRONCO FINALE FOCE Plan: Plan 01 29/07/2013
River = B_CS Reach = A_FC RS = 165
.045
.035
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


TRONCO FINALE FOCE Plan: Plan 01 29/07/2013
River = B_CS Reach = A_FC RS = 131
.045
.035
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


TRONCO FINALE FOCE Plan: Plan 01 29/07/2013
River = B_CS Reach = A_FC RS = 127
.045
.035
.04
.04
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)


TRONCO FINALE FOCE Plan: Plan 01 29/07/2013
River = B_CS Reach = A_FC RS = 89
.08
.035
.04
.04
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 100
WS T 100
Crit T 200
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)


TRONCO FINALE FOCE Plan: Plan 01 29/07/2013
River = B_CS Reach = A_FC RS = 80
.08
.035
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


TRONCO FINALE FOCE Plan: Plan 01 29/07/2013
River = B_CS Reach = A_FC RS = 4
.08
.08
.08
.04
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Crit T 500
Crit T 200
Crit T 100
Crit T 50
Ground
Bank Sta

HEC-RAS Plan: Plan 01 River: B_CS Reach: A_FC

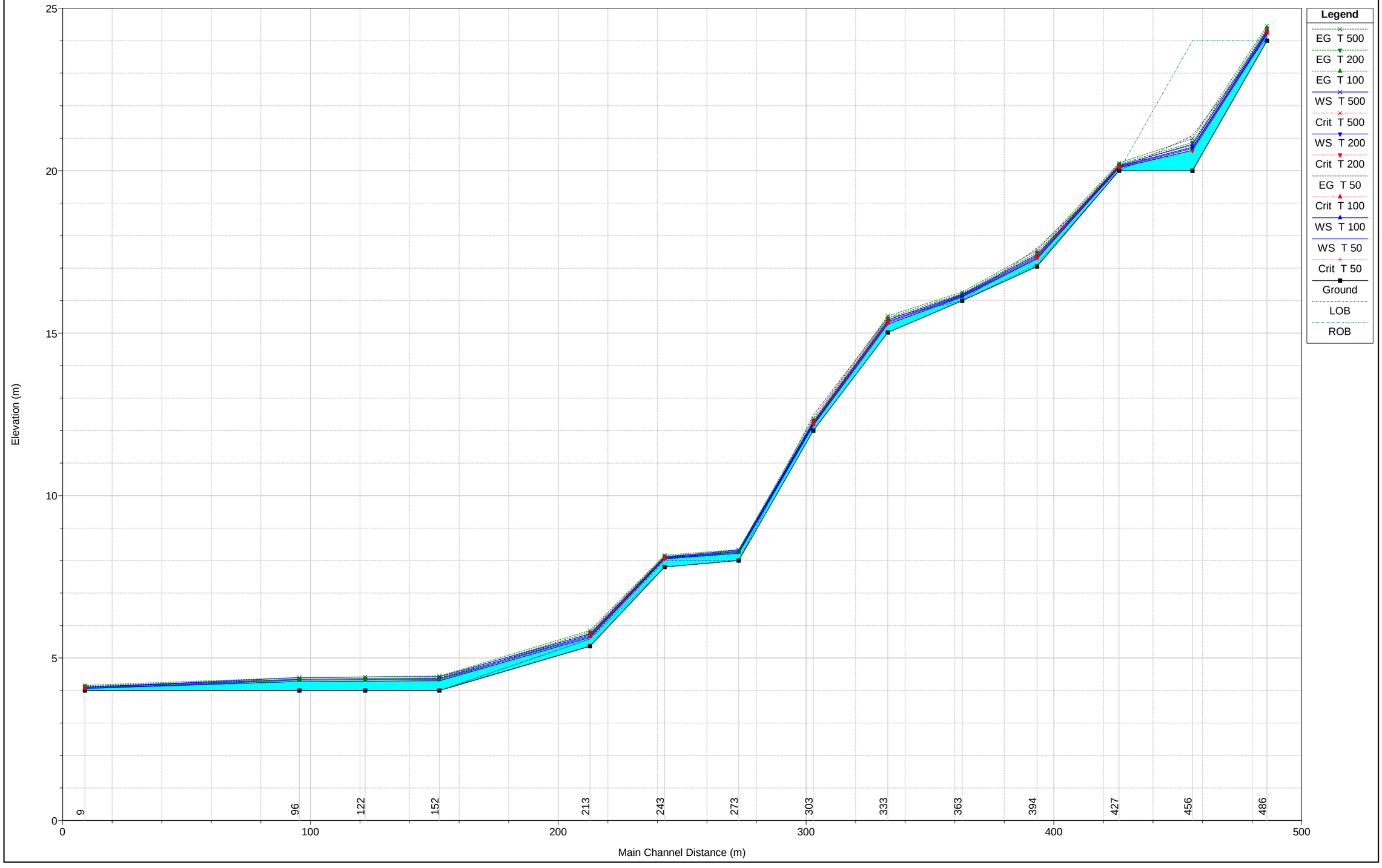
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
A_FC	299	T 50	3.02	4.00	4.24		4.24	0.000378	0.17	18.94	84.54	0.11
A_FC	299	T 100	3.76	4.00	4.26		4.26	0.000416	0.19	21.07	85.34	0.12
A_FC	299	T 200	4.54	4.00	4.29		4.29	0.000448	0.20	23.12	85.78	0.12
A_FC	299	T 500	5.68	4.00	4.32		4.32	0.000483	0.23	25.94	86.46	0.13
A_FC	281	T 50	3.02	4.00	4.23		4.23	0.000811	0.24	13.04	58.77	0.16
A_FC	281	T 100	3.76	4.00	4.25		4.25	0.000899	0.27	14.44	58.97	0.17
A_FC	281	T 200	4.54	4.00	4.27		4.28	0.000979	0.29	15.78	59.16	0.18
A_FC	281	T 500	5.68	4.00	4.31		4.31	0.001065	0.33	17.63	59.42	0.19
A_FC	266	T 50	3.02	4.00	4.22		4.22	0.000724	0.22	14.15	66.85	0.15
A_FC	266	T 100	3.76	4.00	4.24		4.24	0.000802	0.24	15.68	67.20	0.16
A_FC	266	T 200	4.54	4.00	4.26		4.26	0.000873	0.27	17.14	67.53	0.17
A_FC	266	T 500	5.68	4.00	4.29		4.30	0.000943	0.30	19.19	67.99	0.18
A_FC	251	T 50	3.02	4.00	4.21		4.21	0.000476	0.17	17.21	83.95	0.12
A_FC	251	T 100	3.76	4.00	4.23		4.23	0.000529	0.19	19.05	84.27	0.13
A_FC	251	T 200	4.54	4.00	4.25		4.25	0.000576	0.21	20.82	84.58	0.14
A_FC	251	T 500	5.68	4.00	4.28		4.28	0.000621	0.24	23.34	85.02	0.14
A_FC	228	T 50	3.02	4.00	4.20		4.20	0.000512	0.17	17.86	91.49	0.12
A_FC	228	T 100	3.76	4.00	4.22		4.22	0.000569	0.19	19.75	91.70	0.13
A_FC	228	T 200	4.54	4.00	4.24		4.24	0.000620	0.21	21.57	91.91	0.14
A_FC	228	T 500	5.68	4.00	4.27		4.27	0.000663	0.24	24.22	92.21	0.15
A_FC	205	T 50	3.02	4.00	4.19		4.19	0.000431	0.16	19.56	105.52	0.11
A_FC	205	T 100	3.76	4.00	4.21		4.21	0.000480	0.17	21.62	105.73	0.12
A_FC	205	T 200	4.54	4.00	4.23		4.23	0.000522	0.19	23.62	105.93	0.13
A_FC	205	T 500	5.68	4.00	4.25		4.26	0.000553	0.22	26.58	106.22	0.14
A_FC	165	T 50	3.02	4.00	4.17		4.17	0.000634	0.22	15.62	93.25	0.17
A_FC	165	T 100	3.76	4.00	4.19		4.19	0.000710	0.25	17.23	93.38	0.18
A_FC	165	T 200	4.54	4.00	4.20		4.21	0.000775	0.27	18.80	93.51	0.19
A_FC	165	T 500	5.68	4.00	4.23		4.23	0.000808	0.30	21.26	93.71	0.20
A_FC	131	T 50	3.02	4.00	4.15		4.15	0.000713	0.21	15.43	104.68	0.18
A_FC	131	T 100	3.76	4.00	4.16		4.17	0.000806	0.24	16.97	104.79	0.19
A_FC	131	T 200	4.54	4.00	4.18		4.18	0.000880	0.27	18.51	104.90	0.20
A_FC	131	T 500	5.68	4.00	4.20		4.21	0.000881	0.29	21.18	105.10	0.21
A_FC	127	T 50	3.02	4.00	4.15		4.15	0.000755	0.22	15.15	104.80	0.18
A_FC	127	T 100	3.76	4.00	4.16		4.16	0.000855	0.25	16.65	104.91	0.20
A_FC	127	T 200	4.54	4.00	4.17		4.18	0.000935	0.27	18.16	105.02	0.21
A_FC	127	T 500	5.68	4.00	4.20		4.20	0.000928	0.30	20.84	105.21	0.21
A_FC	89	T 50	3.02	3.93	4.05	4.04	4.07	0.024859	0.84	5.74	111.07	0.94
A_FC	89	T 100	3.76	3.93	4.06	4.06	4.08	0.022159	0.86	6.87	111.17	0.91
A_FC	89	T 200	4.54	3.93	4.06	4.05	4.09	0.022699	0.91	7.69	111.24	0.93
A_FC	89	T 500	5.68	3.93	4.08	4.07	4.10	0.022118	0.97	8.94	111.31	0.94
A_FC	80	T 50	3.02	3.37	3.58	3.58	3.64	0.136042	1.09	2.77	23.98	1.03
A_FC	80	T 100	3.76	3.37	3.62	3.62	3.67	0.095603	1.02	3.69	27.32	0.88
A_FC	80	T 200	4.54	3.37	3.62	3.62	3.70	0.134159	1.21	3.75	27.49	1.05
A_FC	80	T 500	5.68	3.37	3.65	3.65	3.73	0.116385	1.22	4.65	30.38	1.00
A_FC	4	T 50	3.02	0.15	0.44	0.35	0.45	0.020001	0.53	5.68	34.42	0.42
A_FC	4	T 100	3.76	0.15	0.47	0.37	0.48	0.020005	0.57	6.65	36.81	0.42
A_FC	4	T 200	4.54	0.15	0.49	0.39	0.51	0.020036	0.59	7.65	39.32	0.43
A_FC	4	T 500	5.68	0.15	0.53	0.41	0.55	0.020003	0.63	9.03	42.58	0.44

IL BACINO CALA SASSARI

Ramo Sud

cala sassari sud Plan: Plan 01

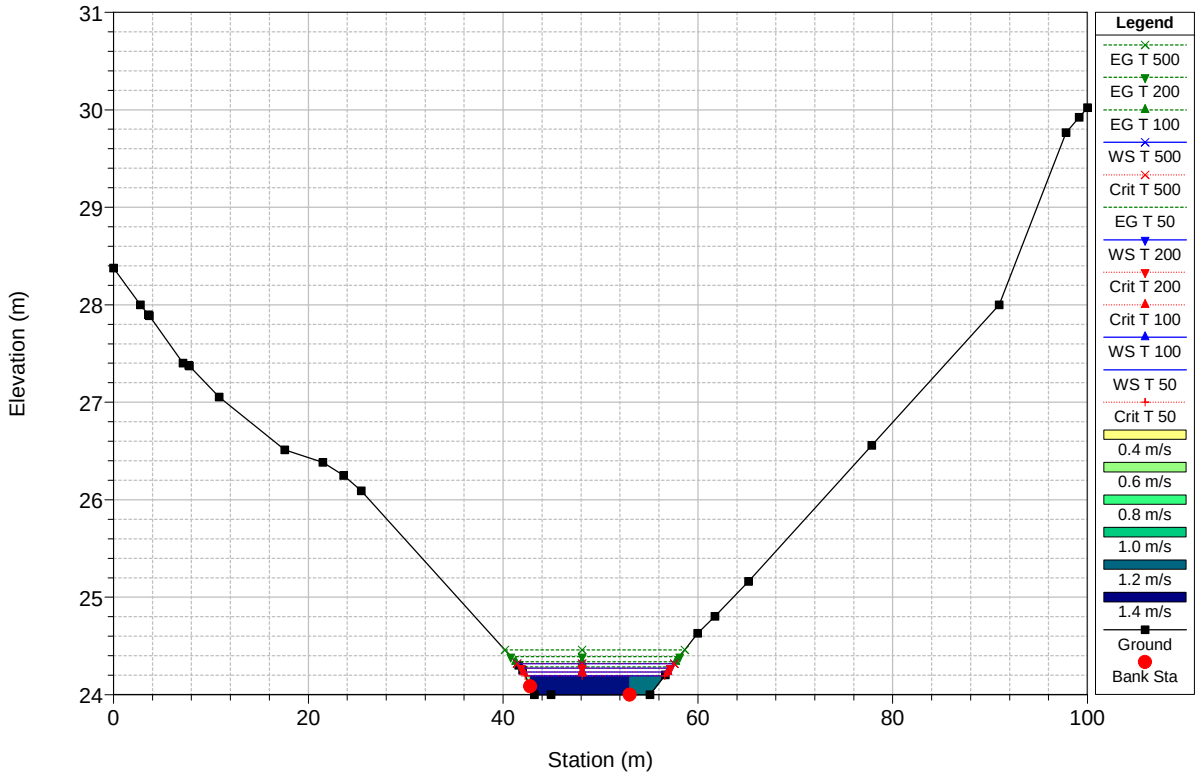
Geom: SI Flow: SI



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

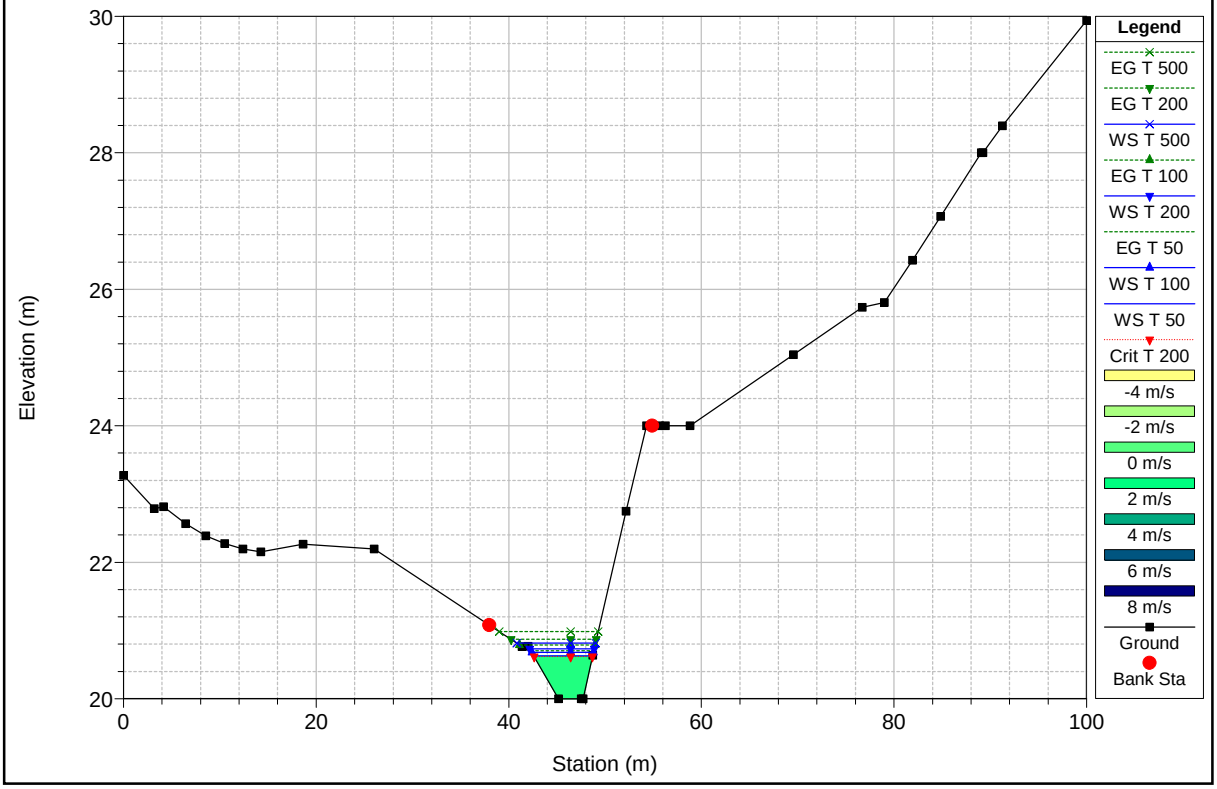
River = cALA sASSARI Reach = TRONCO CRITICO RS = 486



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

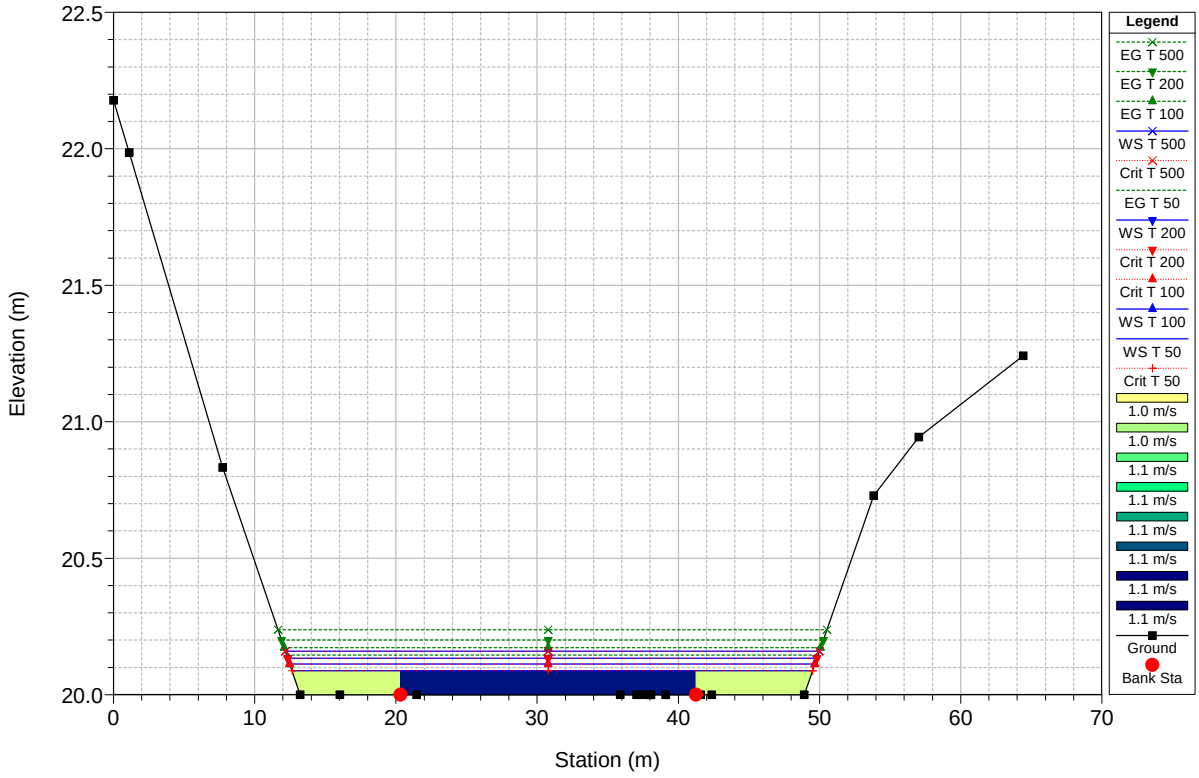
River = cALA sASSARI Reach = TRONCO CRITICO RS = 456



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

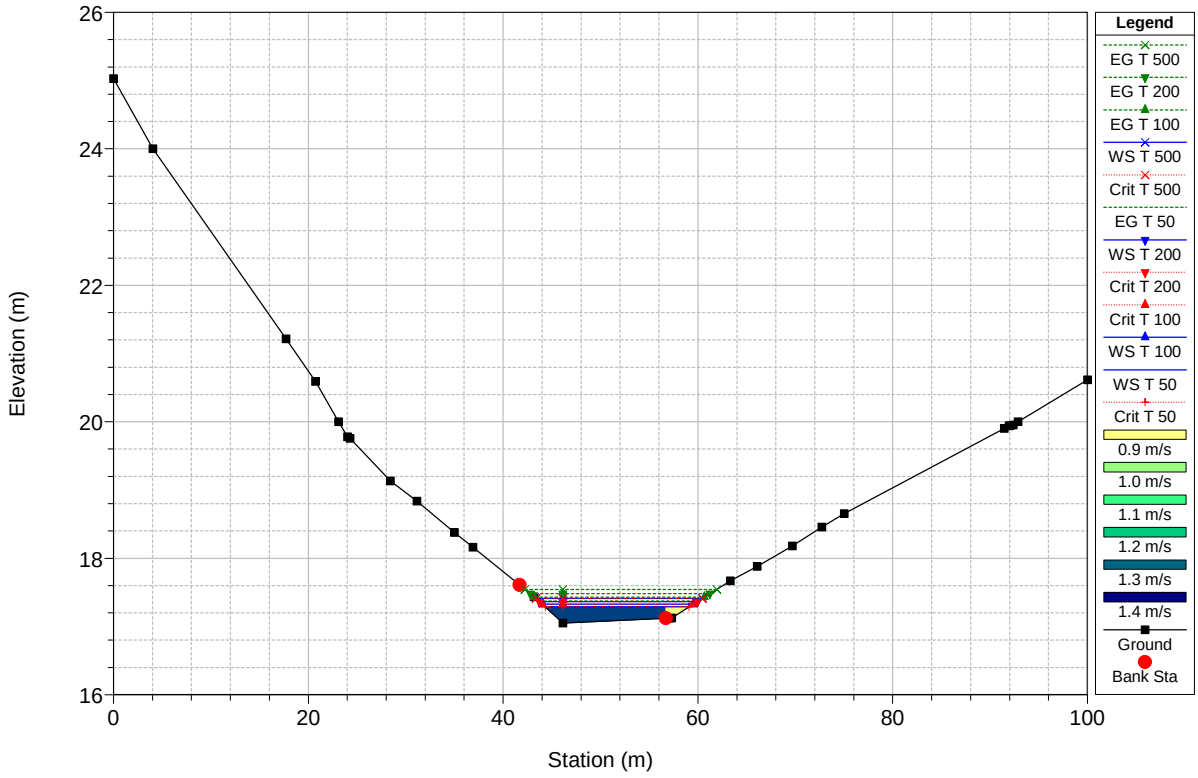
River = cALA sASSARI Reach = TRONCO CRITICO RS = 427



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

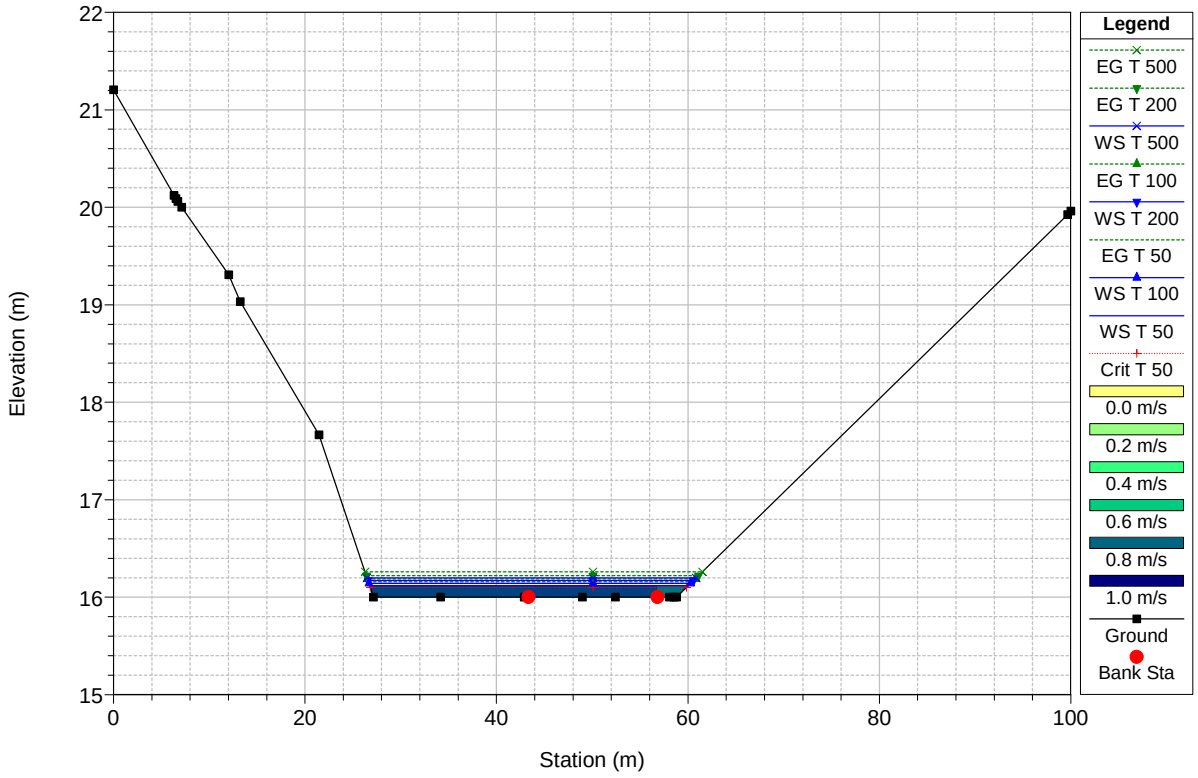
River = cALA sASSARI Reach = TRONCO CRITICO RS = 394



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

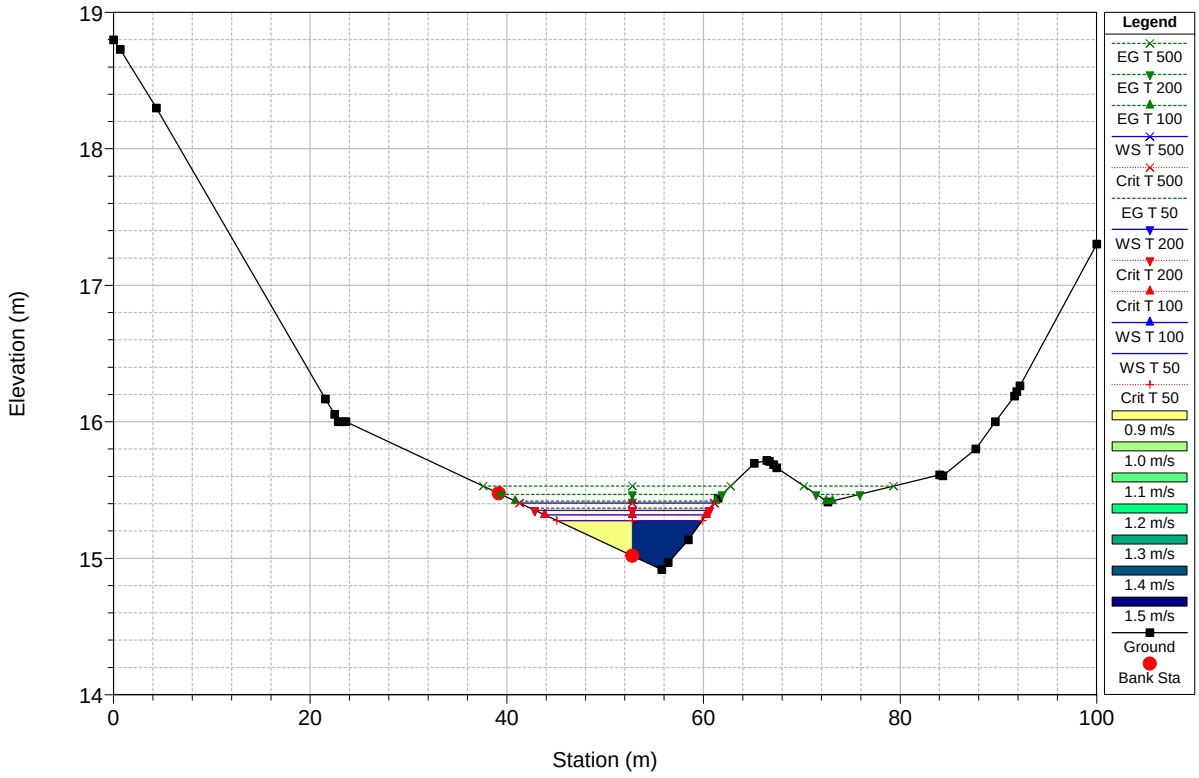
River = cALA sASSARI Reach = TRONCO CRITICO RS = 363



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

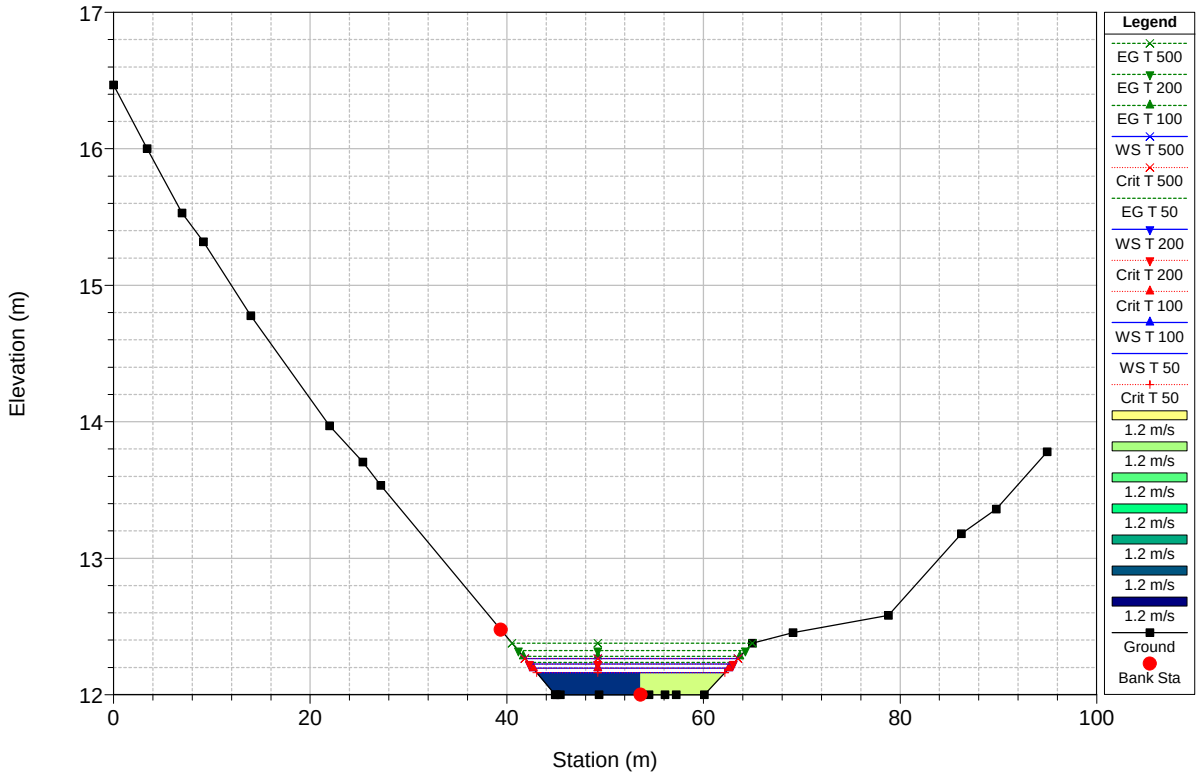
River = cALA sASSARI Reach = TRONCO CRITICO RS = 333



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

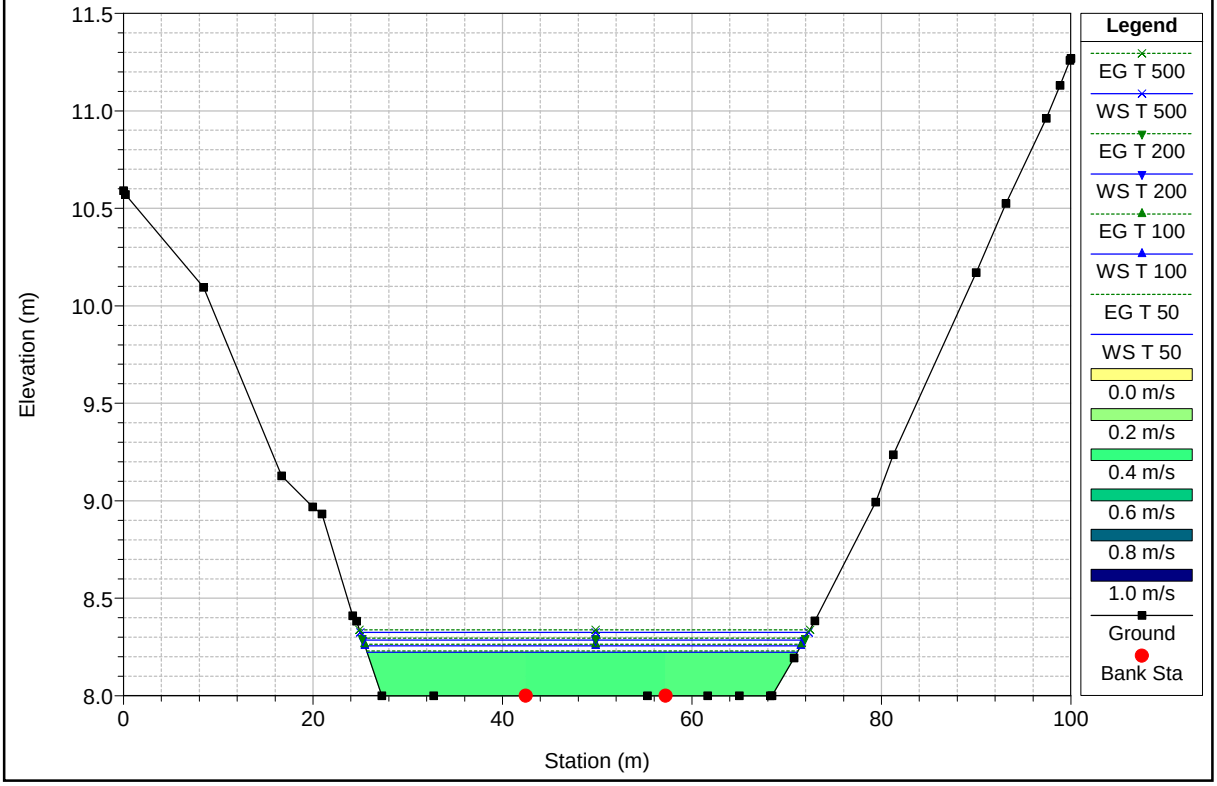
River = cALA sASSARI Reach = TRONCO CRITICO RS = 303



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

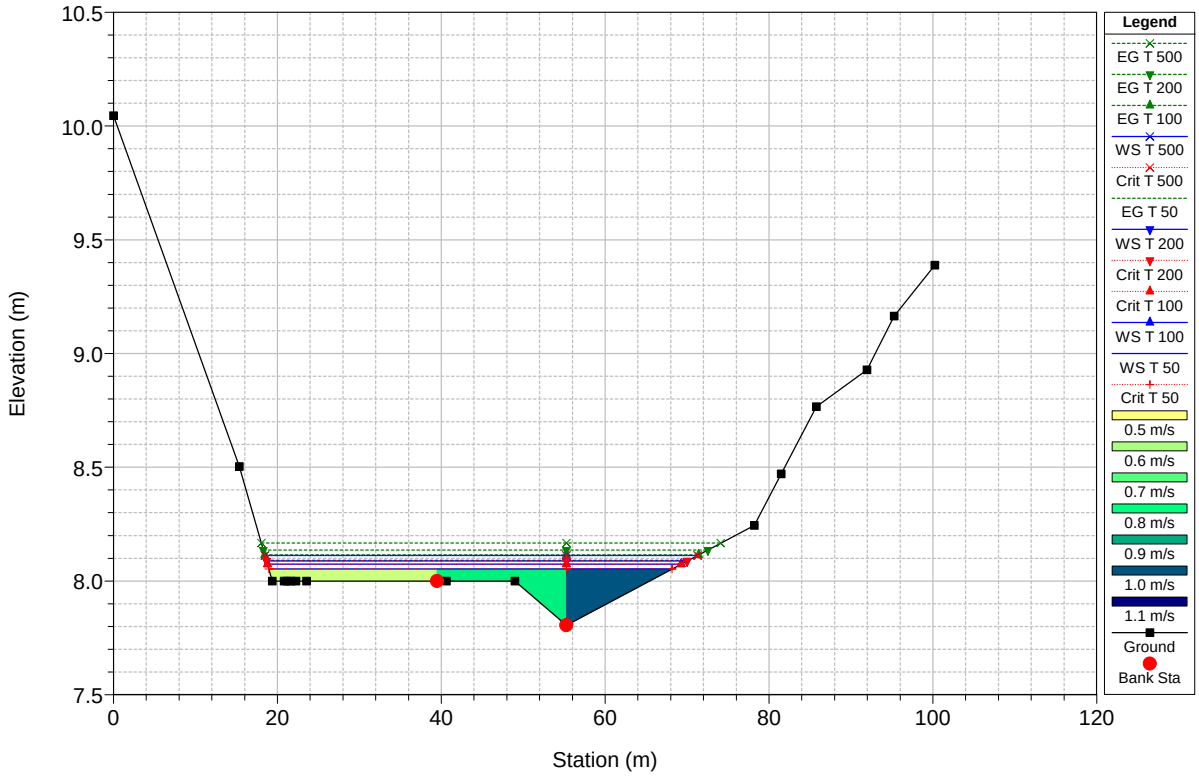
River = cALA sASSARI Reach = TRONCO CRITICO RS = 273



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

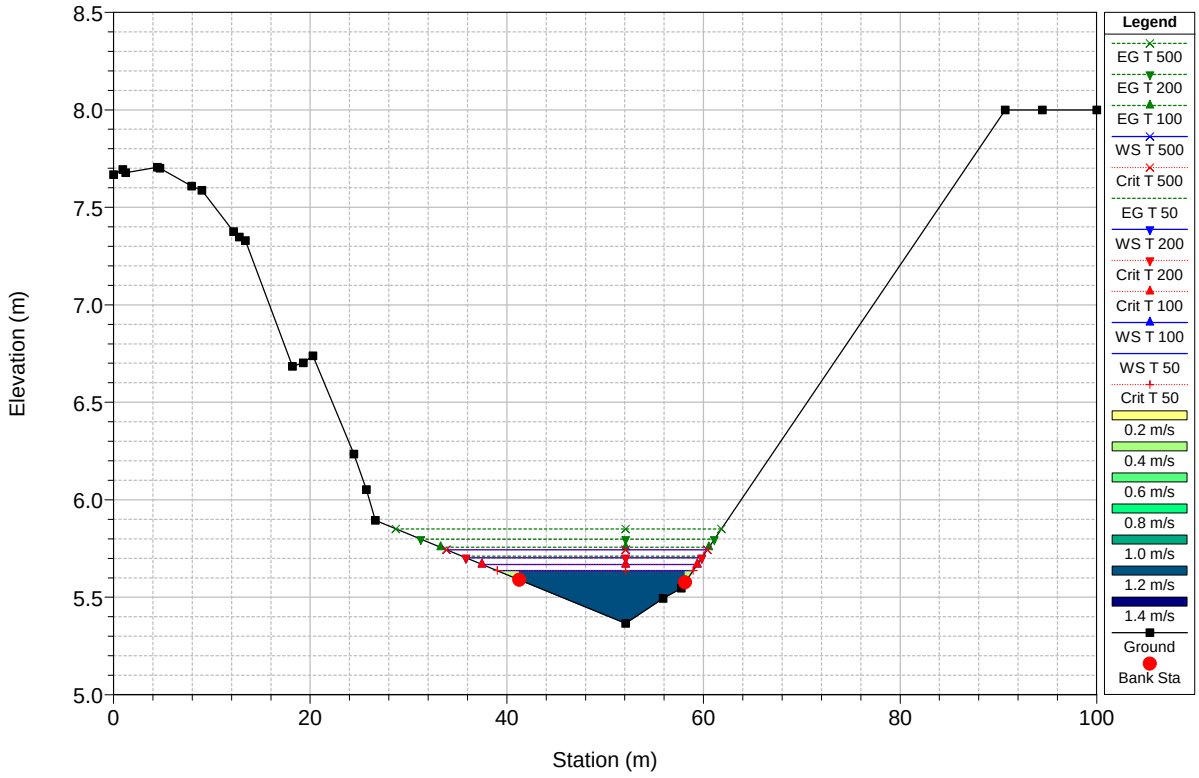
River = cALA sASSARI Reach = TRONCO CRITICO RS = 243



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

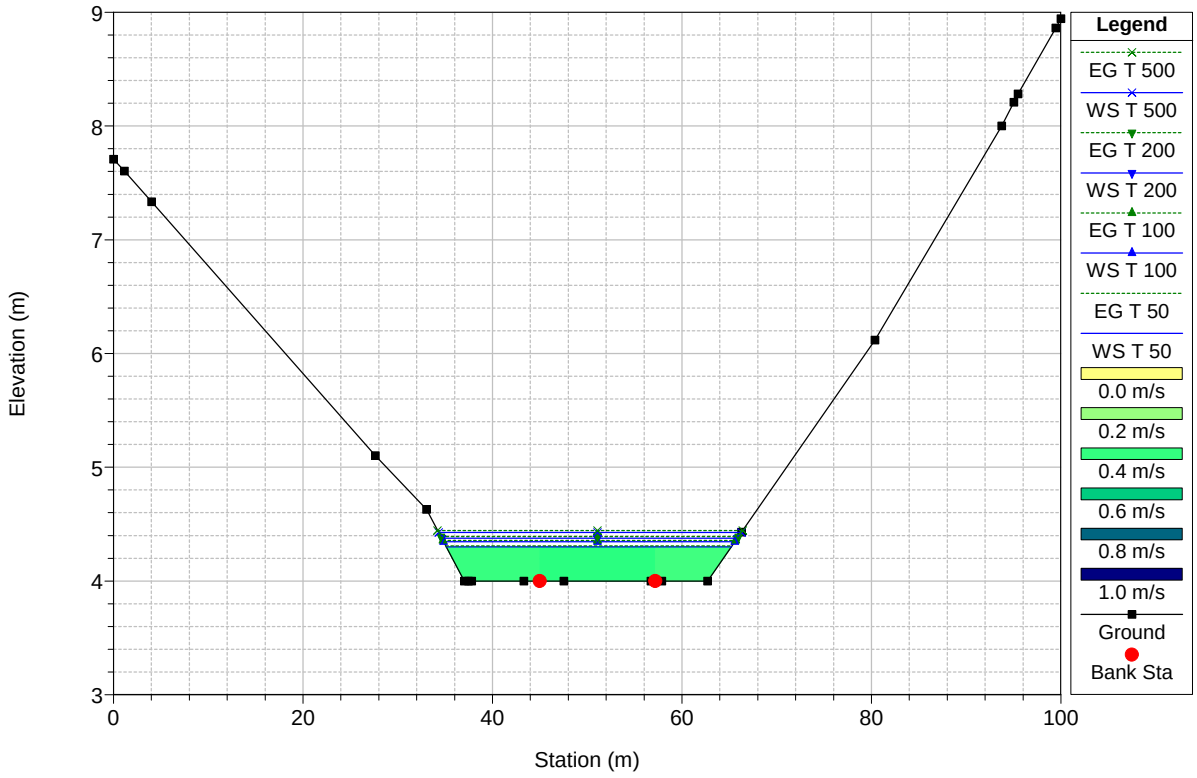
River = cALA sASSARI Reach = TRONCO CRITICO RS = 213



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

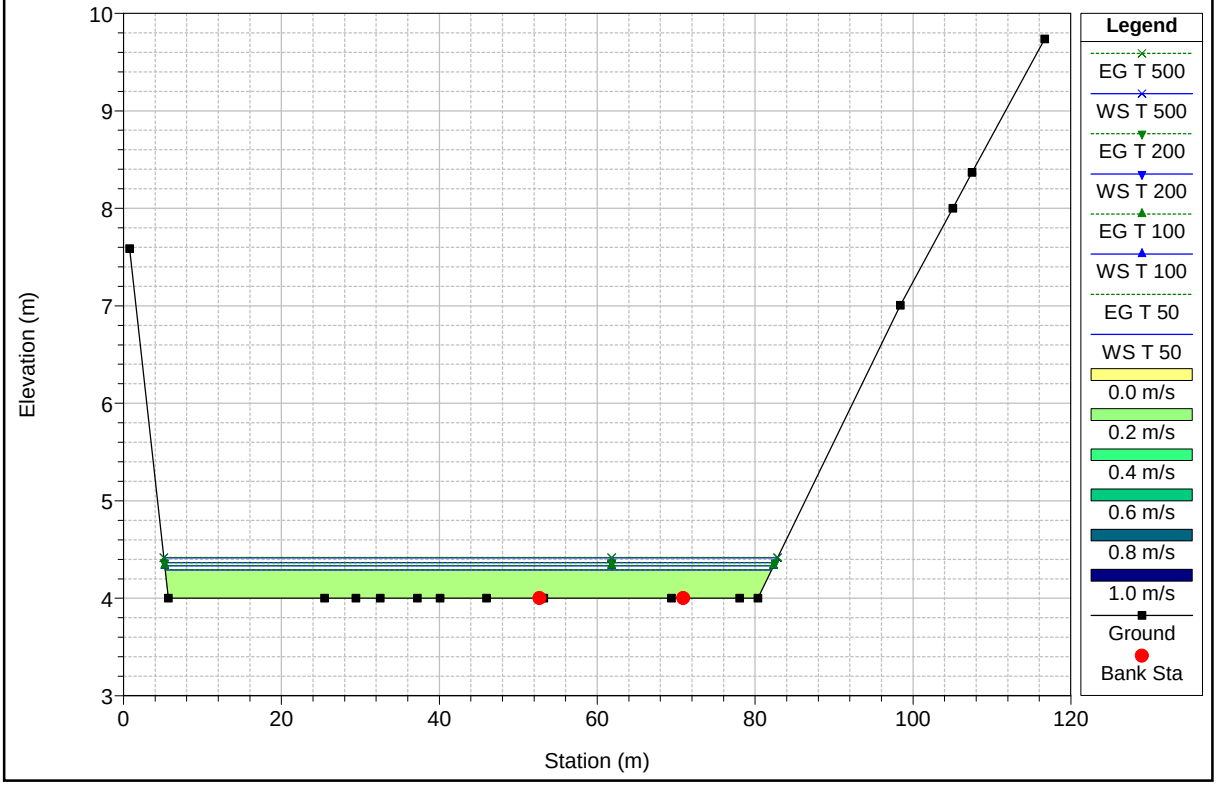
River = cALA sASSARI Reach = TRONCO CRITICO RS = 152



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

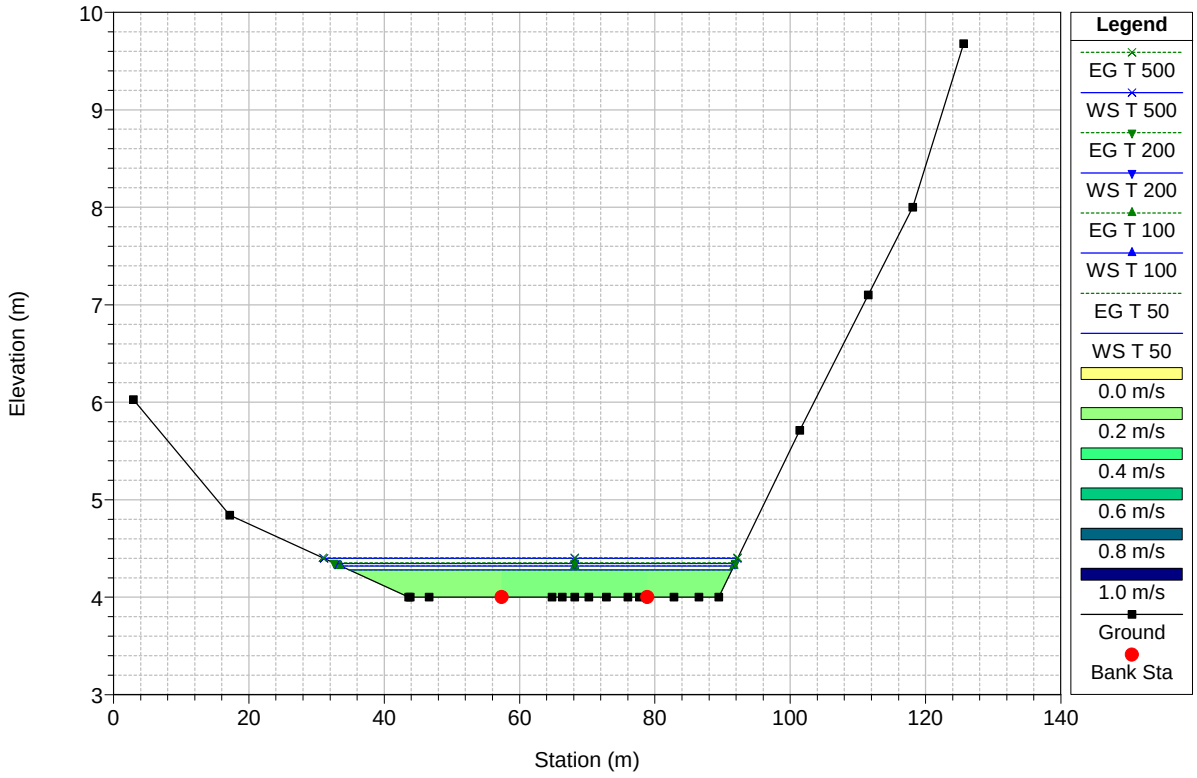
River = cALA sASSARI Reach = TRONCO CRITICO RS = 122



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

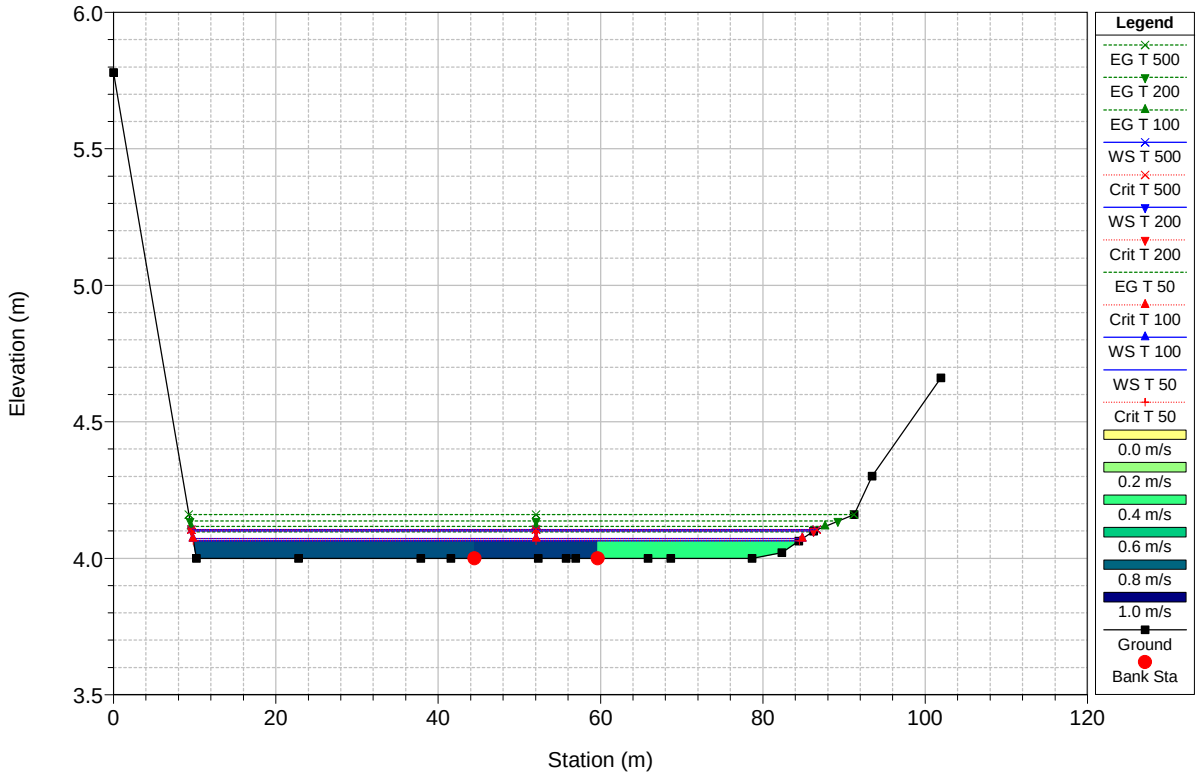
River = cALA sASSARI Reach = TRONCO CRITICO RS = 96



cala sassari sud Plan: Plan 01

Geom: SI Flow: SI

River = cALA sASSARI Reach = TRONCO CRITICO RS = 9



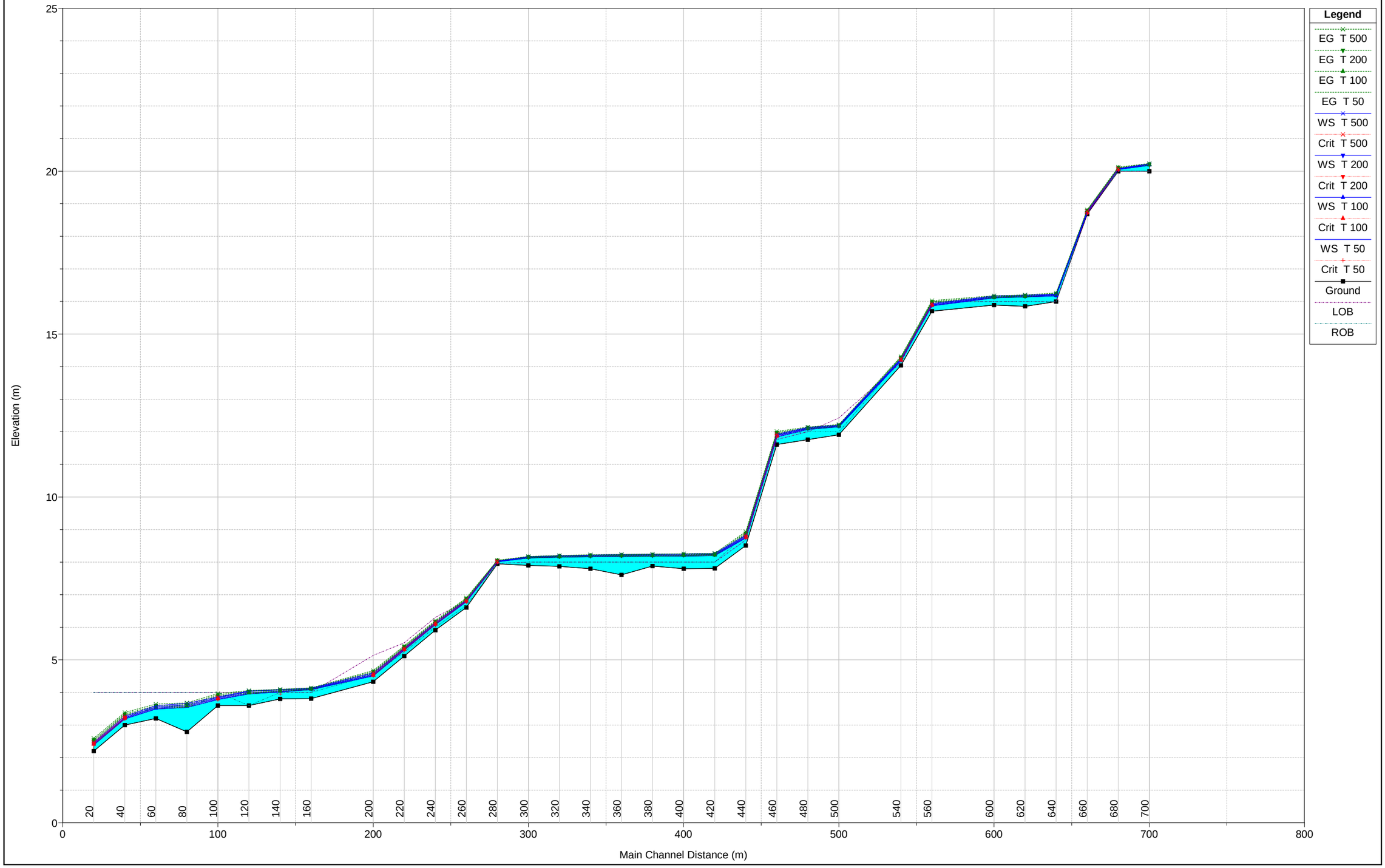
HEC-RAS Plan: Plan 01 River: cALA sASSARI Reach: TRONCO CRITICO

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)	
TRONCO CRITICO	486	T 50	3.37	24.00	24.19	24.19	24.29	0.034102	1.37	2.55	14.33	1.00
TRONCO CRITICO	486	T 100	4.45	24.00	24.23	24.23	24.34	0.031087	1.48	3.13	14.82	0.98
TRONCO CRITICO	486	T 200	5.61	24.00	24.27	24.27	24.39	0.029439	1.59	3.68	15.34	0.98
TRONCO CRITICO	486	T 500	7.28	24.00	24.32	24.32	24.46	0.027517	1.72	4.45	16.13	0.97
TRONCO CRITICO	456	T 50	3.37	20.00	20.63		20.71	0.009626	1.24	2.72	6.10	0.59
TRONCO CRITICO	456	T 100	4.45	20.00	20.68		20.79	0.012223	1.46	3.05	6.40	0.67
TRONCO CRITICO	456	T 200	5.61	20.00	20.73	20.62	20.87	0.014626	1.66	3.39	6.69	0.74
TRONCO CRITICO	456	T 500	7.28	20.00	20.82		20.98	0.018212	1.82	4.01	8.18	0.83
TRONCO CRITICO	427	T 50	3.37	20.00	20.09	20.09	20.14	0.059258	1.07	3.19	36.87	1.15
TRONCO CRITICO	427	T 100	4.45	20.00	20.11	20.11	20.17	0.044531	1.10	4.12	37.20	1.04
TRONCO CRITICO	427	T 200	5.61	20.00	20.13	20.13	20.20	0.040724	1.17	4.87	37.47	1.02
TRONCO CRITICO	427	T 500	7.28	20.00	20.16	20.16	20.24	0.037156	1.26	5.88	37.83	1.01
TRONCO CRITICO	394	T 50	3.37	17.05	17.29	17.29	17.38	0.033239	1.34	2.60	14.79	0.98
TRONCO CRITICO	394	T 100	4.45	17.05	17.33	17.33	17.43	0.032098	1.46	3.16	15.48	0.99
TRONCO CRITICO	394	T 200	5.61	17.05	17.36	17.36	17.48	0.029991	1.55	3.77	16.20	0.98
TRONCO CRITICO	394	T 500	7.28	17.05	17.41	17.41	17.55	0.028503	1.66	4.57	17.10	0.98
TRONCO CRITICO	363	T 50	3.37	16.00	16.12	16.10	16.16	0.025980	0.87	3.91	33.31	0.80
TRONCO CRITICO	363	T 100	4.45	16.00	16.14		16.19	0.025325	0.97	4.67	33.62	0.82
TRONCO CRITICO	363	T 200	5.61	16.00	16.17		16.22	0.022277	1.02	5.60	34.00	0.79
TRONCO CRITICO	363	T 500	7.28	16.00	16.20		16.26	0.022970	1.14	6.52	34.37	0.82
TRONCO CRITICO	333	T 50	3.37	15.02	15.28	15.28	15.37	0.025688	0.91	2.69	14.77	0.81
TRONCO CRITICO	333	T 100	4.45	15.02	15.32	15.32	15.42	0.025313	1.00	3.35	16.43	0.82
TRONCO CRITICO	333	T 200	5.61	15.02	15.35	15.35	15.47	0.026599	1.10	3.92	17.75	0.86
TRONCO CRITICO	333	T 500	7.28	15.02	15.40	15.40	15.53	0.025073	1.17	4.89	19.80	0.85
TRONCO CRITICO	303	T 50	3.37	12.00	12.16	12.16	12.24	0.039295	1.23	2.77	19.14	1.02
TRONCO CRITICO	303	T 100	4.45	12.00	12.19	12.19	12.28	0.036040	1.32	3.41	19.94	1.01
TRONCO CRITICO	303	T 200	5.61	12.00	12.23	12.23	12.32	0.033888	1.40	4.06	20.72	1.00
TRONCO CRITICO	303	T 500	7.28	12.00	12.27	12.27	12.38	0.032554	1.51	4.89	21.67	1.00
TRONCO CRITICO	273	T 50	3.37	8.00	8.22		8.23	0.001945	0.36	9.65	45.41	0.24
TRONCO CRITICO	273	T 100	4.45	8.00	8.26		8.26	0.002137	0.41	11.14	46.01	0.26
TRONCO CRITICO	273	T 200	5.61	8.00	8.29		8.30	0.002344	0.47	12.51	46.56	0.28
TRONCO CRITICO	273	T 500	7.28	8.00	8.33		8.34	0.002518	0.53	14.41	47.31	0.30
TRONCO CRITICO	243	T 50	3.37	7.81	8.05	8.05	8.09	0.032915	0.82	4.10	49.21	0.86
TRONCO CRITICO	243	T 100	4.45	7.81	8.07	8.07	8.11	0.028908	0.88	5.19	50.52	0.84
TRONCO CRITICO	243	T 200	5.61	7.81	8.09	8.09	8.14	0.031424	0.99	5.89	51.35	0.89
TRONCO CRITICO	243	T 500	7.28	7.81	8.11	8.11	8.17	0.029183	1.08	7.17	52.83	0.88
TRONCO CRITICO	213	T 50	3.37	5.37	5.64	5.64	5.71	0.033605	1.22	2.83	19.93	0.96
TRONCO CRITICO	213	T 100	4.45	5.37	5.67	5.67	5.76	0.031291	1.32	3.50	21.90	0.96
TRONCO CRITICO	213	T 200	5.61	5.37	5.70	5.70	5.80	0.028054	1.39	4.28	23.99	0.93
TRONCO CRITICO	213	T 500	7.28	5.37	5.74	5.74	5.85	0.025728	1.49	5.31	26.52	0.91
TRONCO CRITICO	152	T 50	3.37	4.00	4.30		4.31	0.001770	0.42	8.42	30.11	0.24
TRONCO CRITICO	152	T 100	4.45	4.00	4.34		4.36	0.001960	0.48	9.72	30.74	0.26
TRONCO CRITICO	152	T 200	5.61	4.00	4.38		4.39	0.002315	0.56	10.69	31.20	0.29
TRONCO CRITICO	152	T 500	7.28	4.00	4.43		4.45	0.002508	0.63	12.31	31.96	0.31
TRONCO CRITICO	122	T 50	3.37	4.00	4.29		4.29	0.000248	0.15	22.08	76.81	0.09
TRONCO CRITICO	122	T 100	4.45	4.00	4.33		4.34	0.000274	0.18	25.38	77.13	0.10
TRONCO CRITICO	122	T 200	5.61	4.00	4.36		4.37	0.000326	0.20	27.70	77.35	0.11
TRONCO CRITICO	122	T 500	7.28	4.00	4.42		4.42	0.000351	0.23	31.74	77.73	0.11
TRONCO CRITICO	96	T 50	3.37	4.00	4.28		4.28	0.000698	0.25	14.28	56.50	0.15
TRONCO CRITICO	96	T 100	4.45	4.00	4.32		4.32	0.000755	0.29	16.65	58.09	0.16
TRONCO CRITICO	96	T 200	5.61	4.00	4.35		4.35	0.000907	0.33	18.24	59.13	0.18
TRONCO CRITICO	96	T 500	7.28	4.00	4.40		4.40	0.000951	0.37	21.28	61.07	0.19
TRONCO CRITICO	9	T 50	3.37	4.00	4.06	4.06	4.10	0.050304	0.88	4.68	74.69	1.11
TRONCO CRITICO	9	T 100	4.45	4.00	4.07	4.07	4.12	0.061326	1.05	5.22	75.08	1.25
TRONCO CRITICO	9	T 200	5.61	4.00	4.10	4.10	4.14	0.032139	0.94	7.35	76.64	0.95
TRONCO CRITICO	9	T 500	7.28	4.00	4.10	4.10	4.16	0.046476	1.17	7.71	77.05	1.15

IL BACINO F4.03

MODELLO IDRAULICO F4.03A Plan: Plan 02

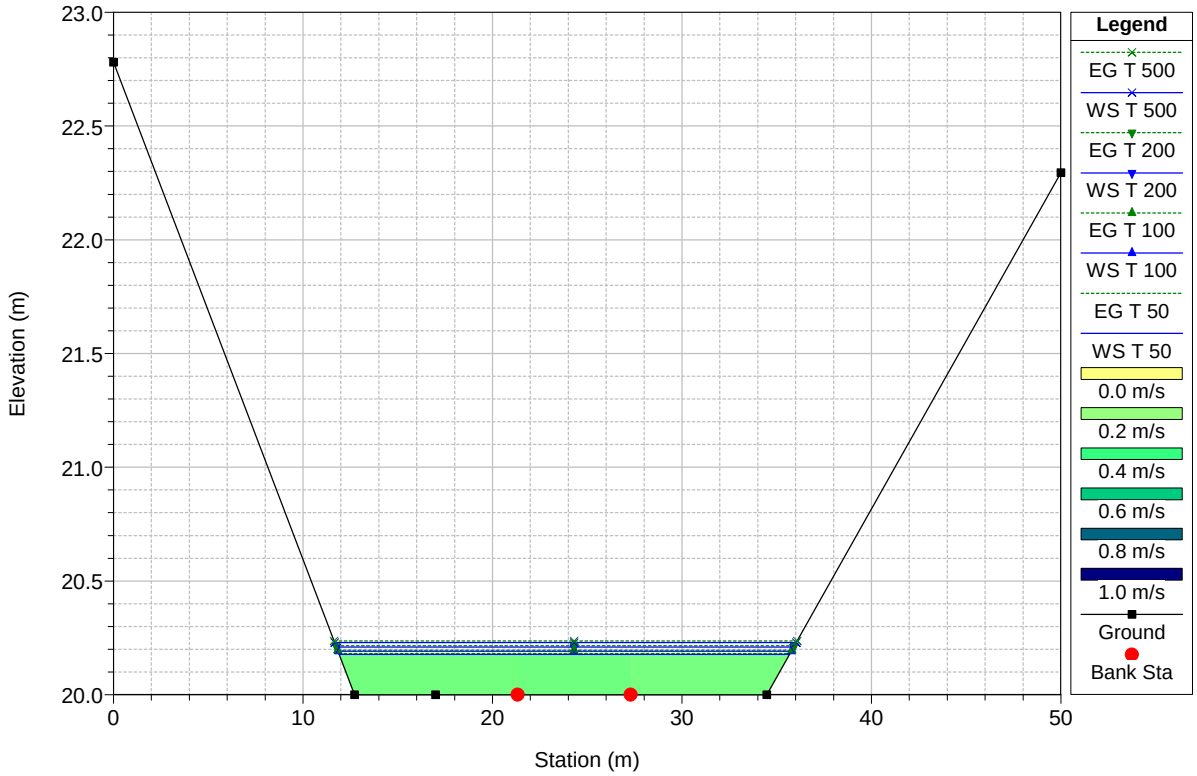
Geom: SI Flow: Flow 01



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

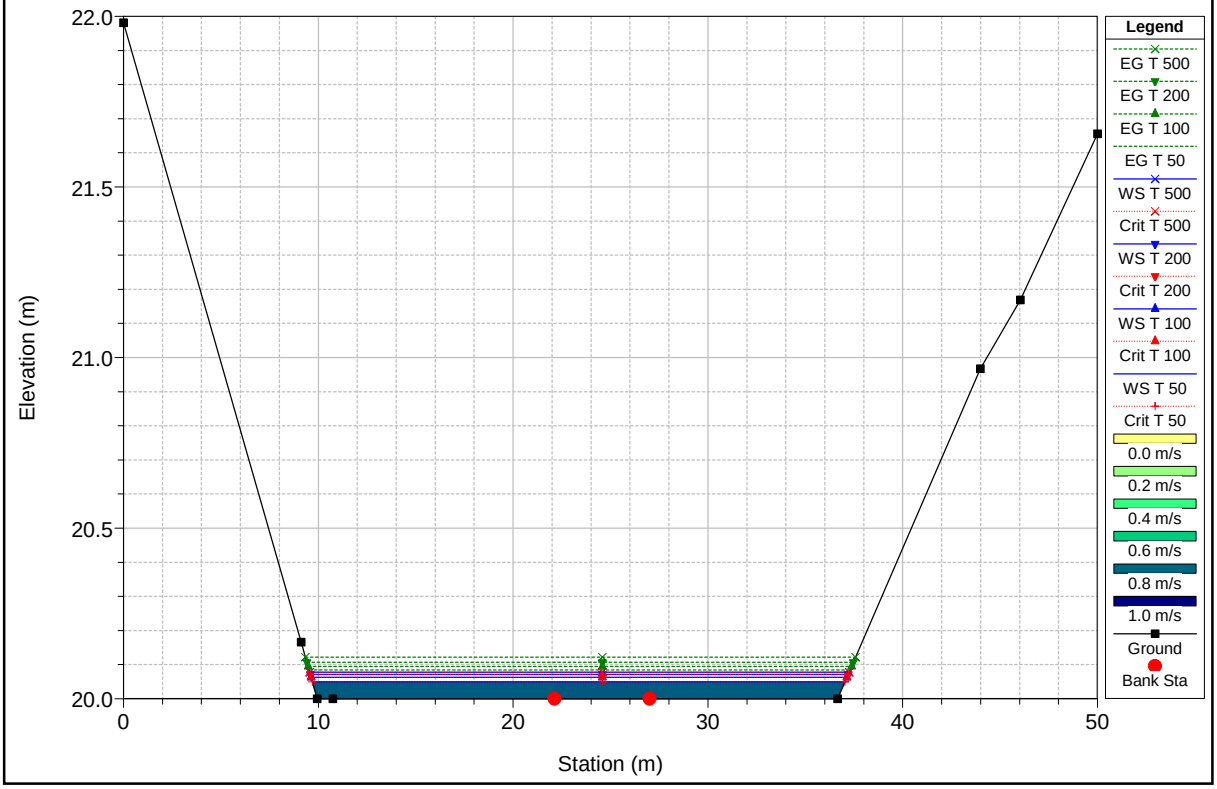
River = F3_03 Reach = RAMO A RS = 700



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

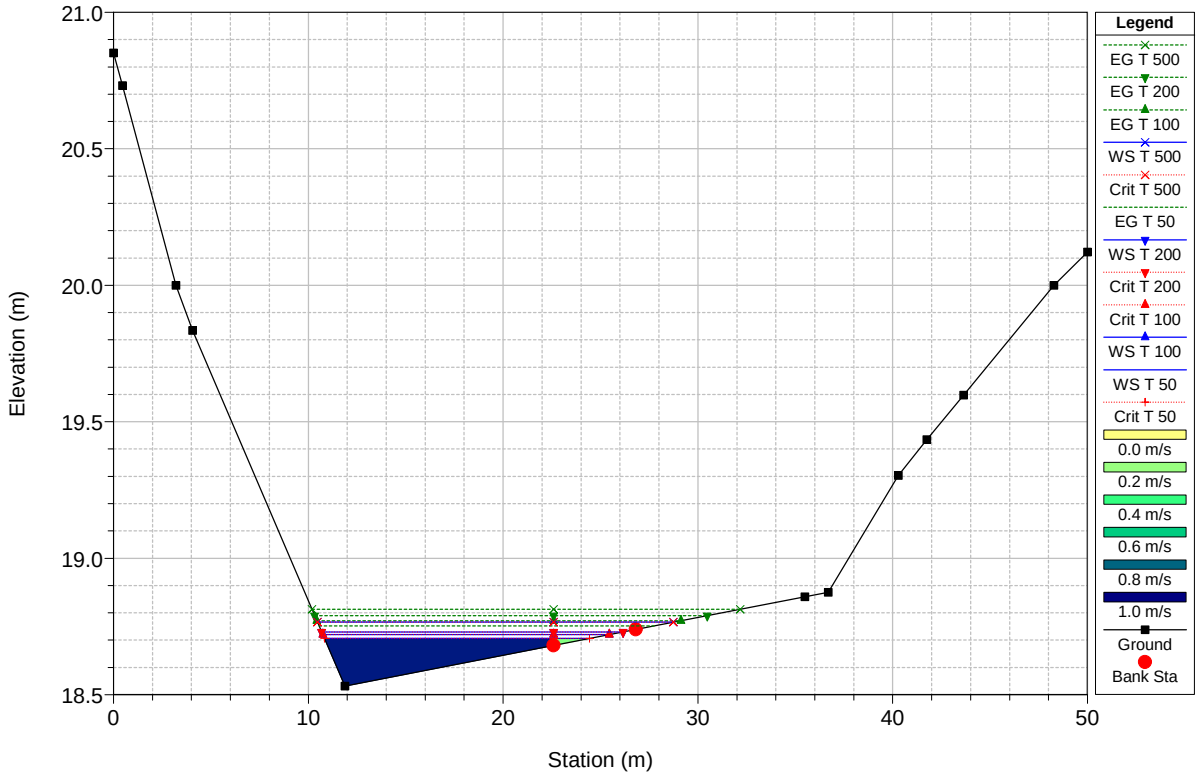
River = F3_03 Reach = RAMO A RS = 680



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

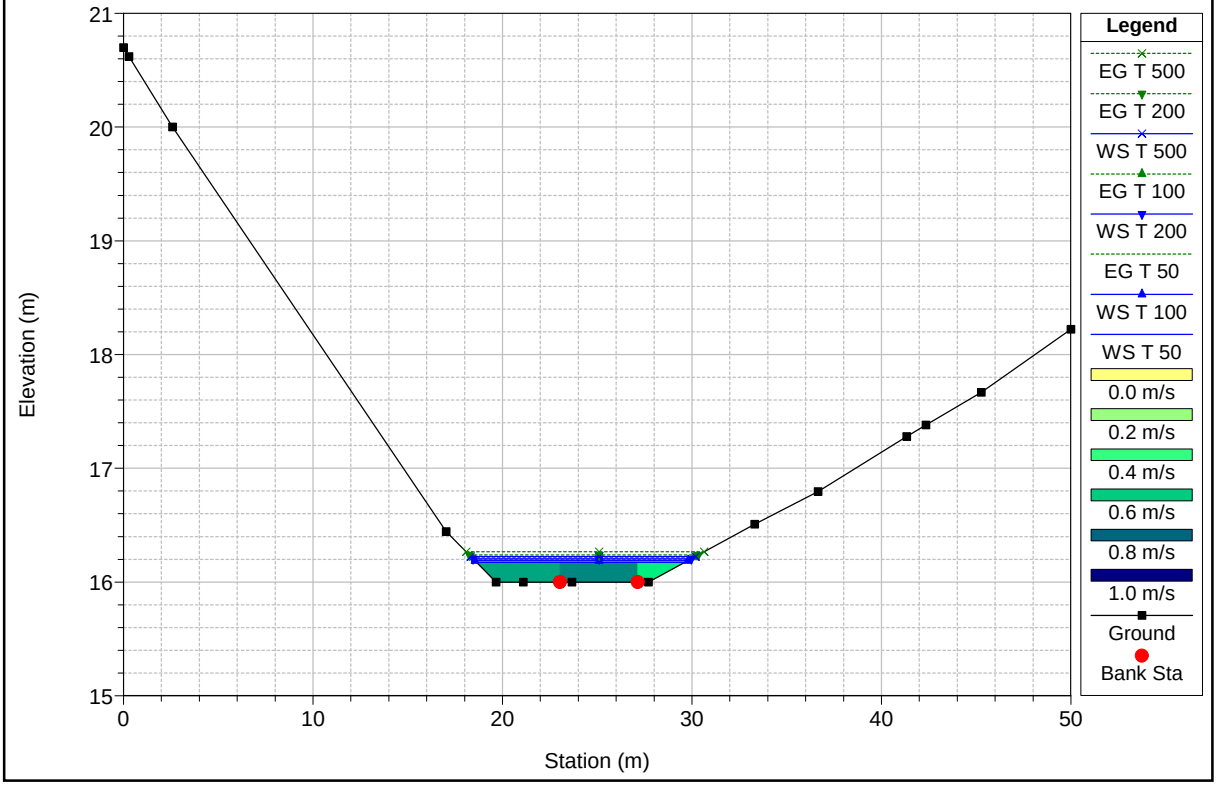
River = F3_03 Reach = RAMO A RS = 660



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

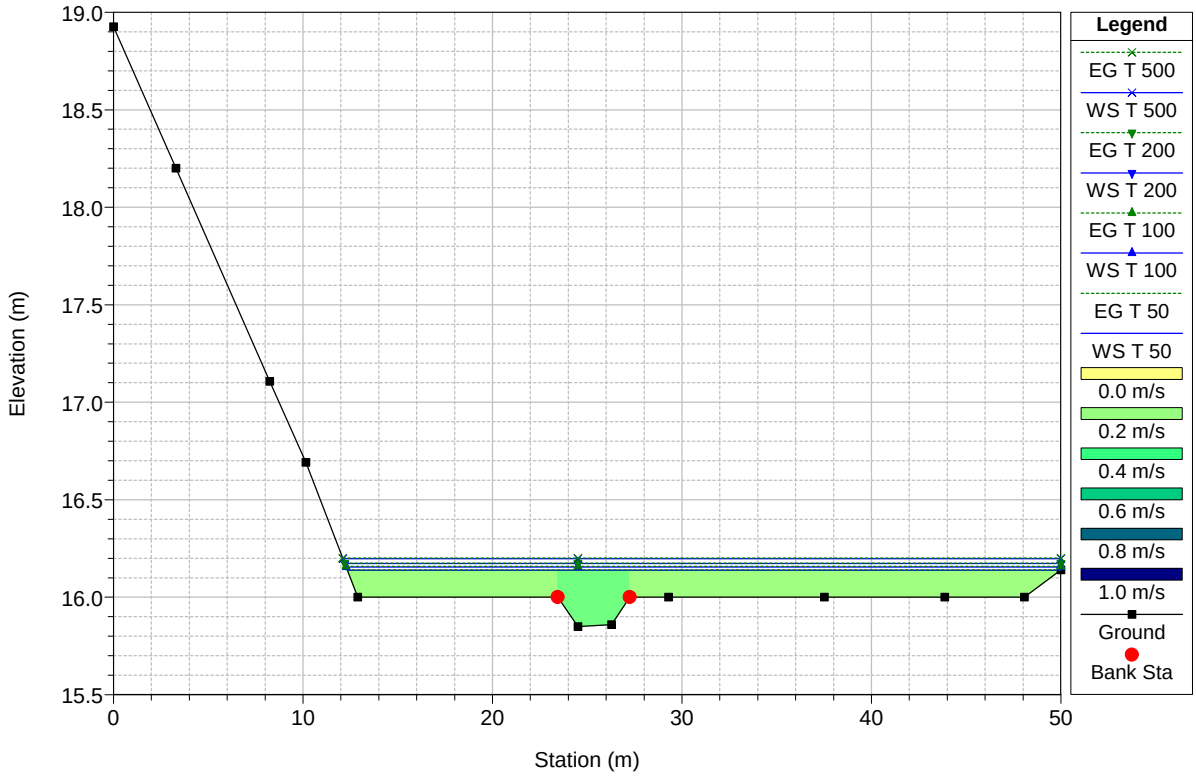
River = F3_03 Reach = RAMO A RS = 640



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

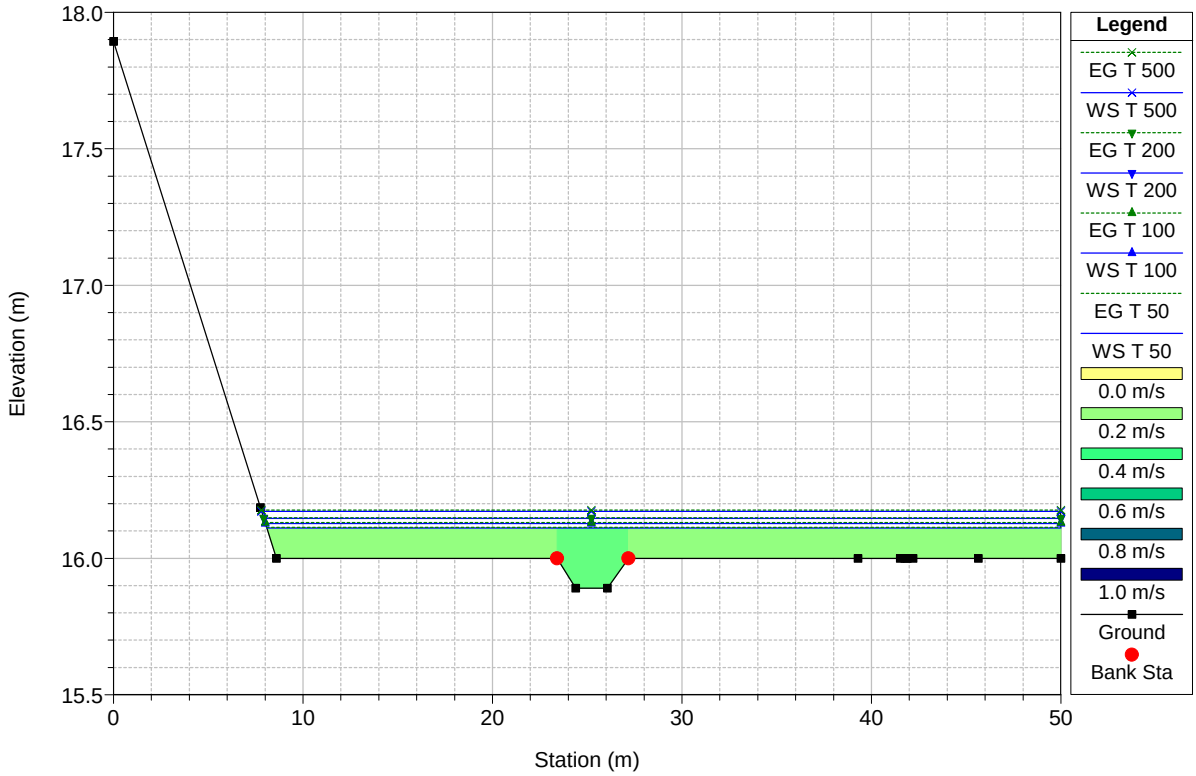
River = F3_03 Reach = RAMO A RS = 620



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

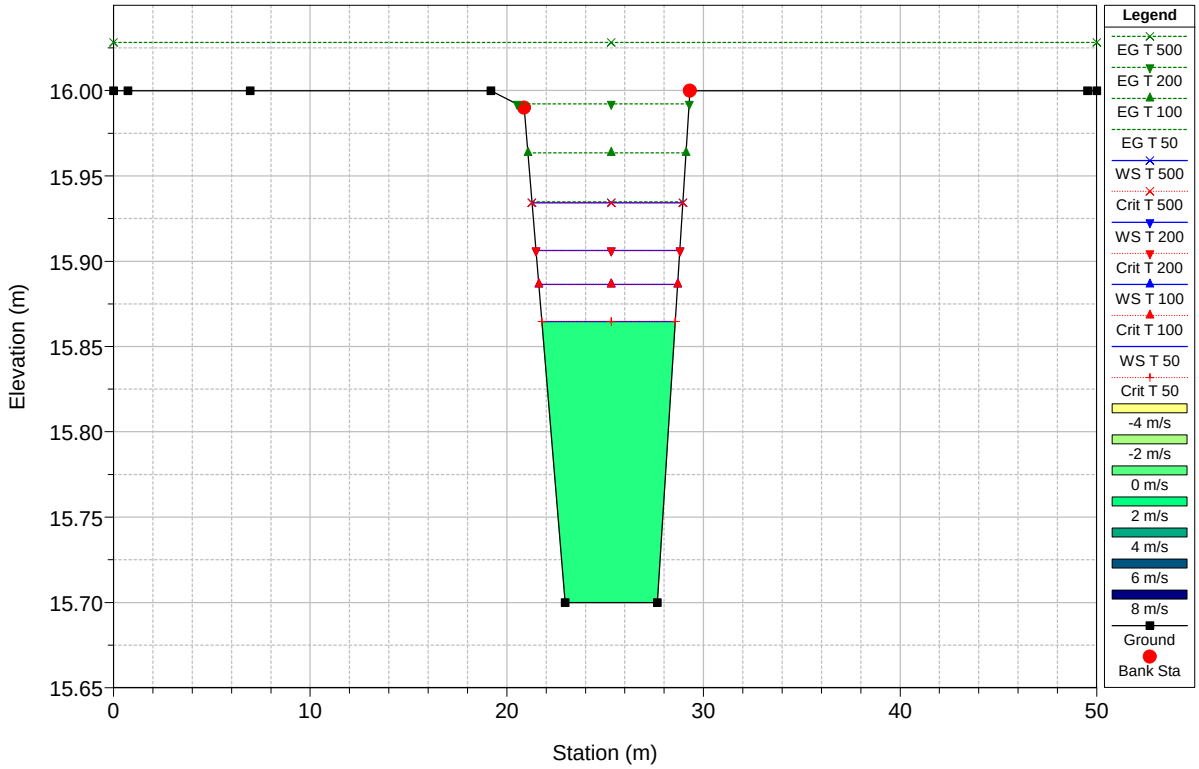
River = F3_03 Reach = RAMO A RS = 600



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

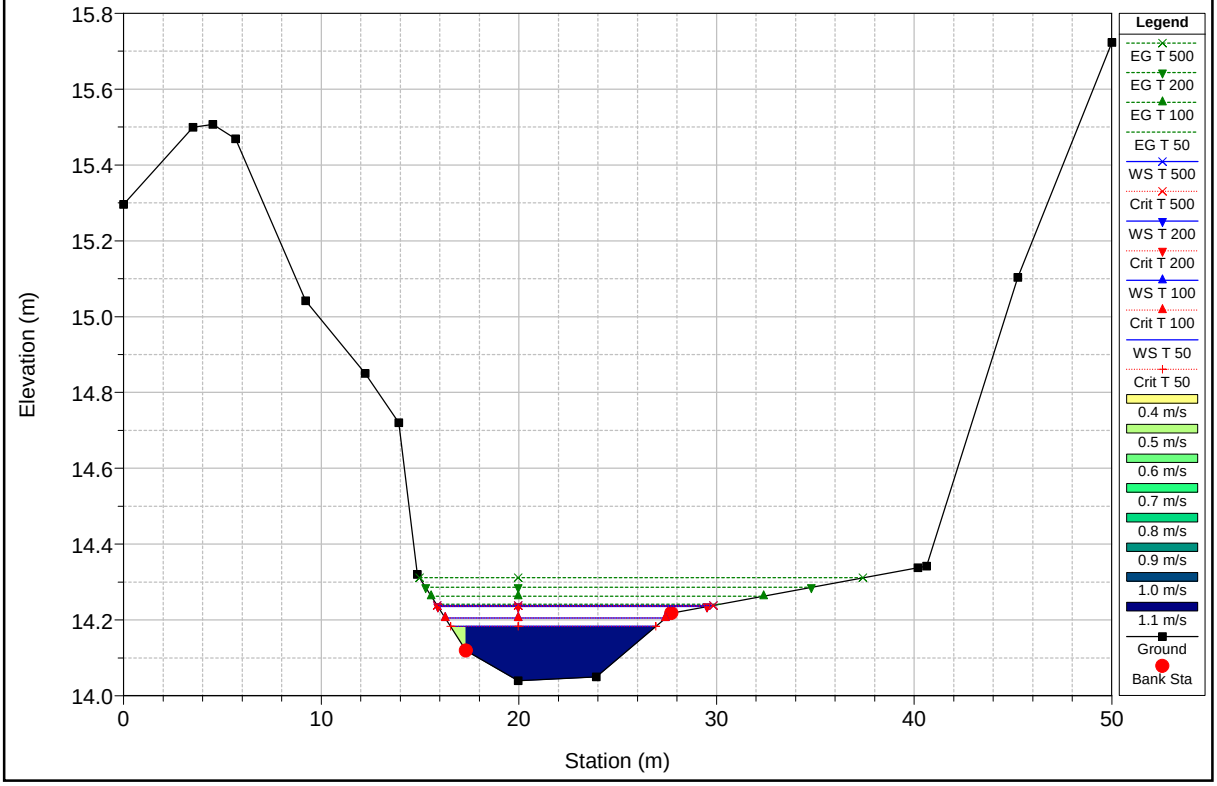
River = F3_03 Reach = RAMO A RS = 560



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

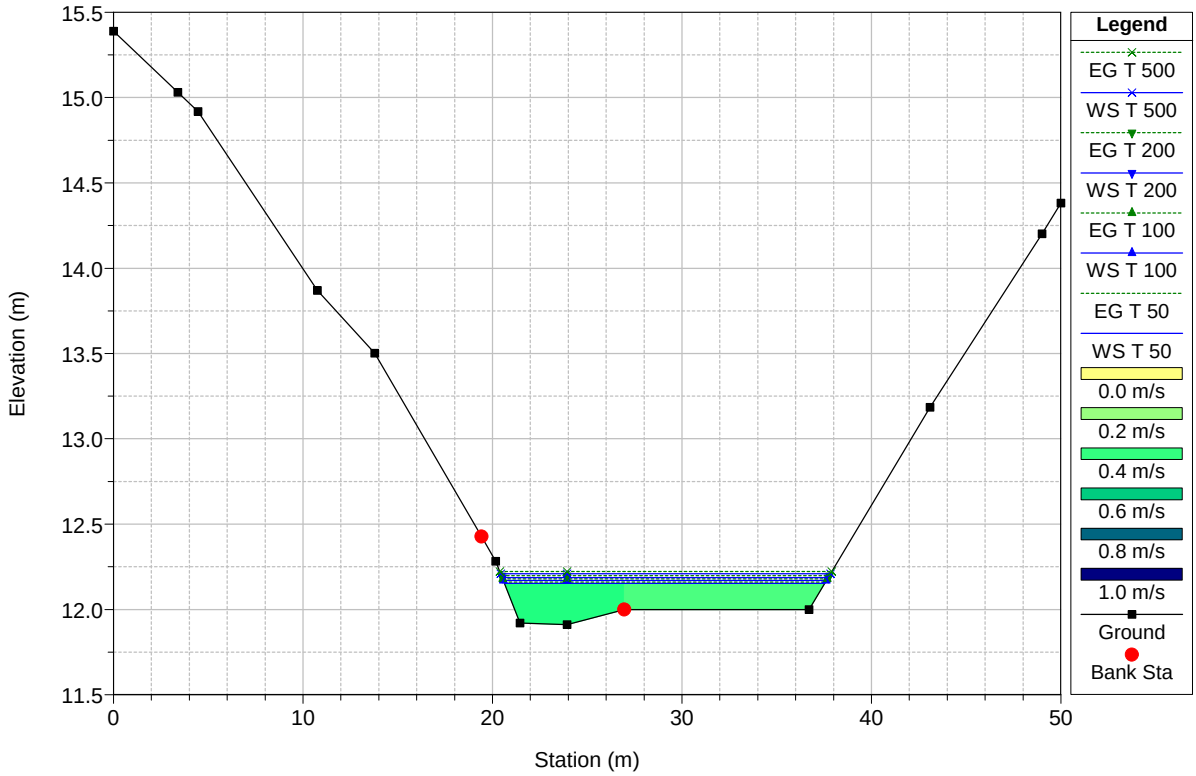
River = F3_03 Reach = RAMO A RS = 540



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

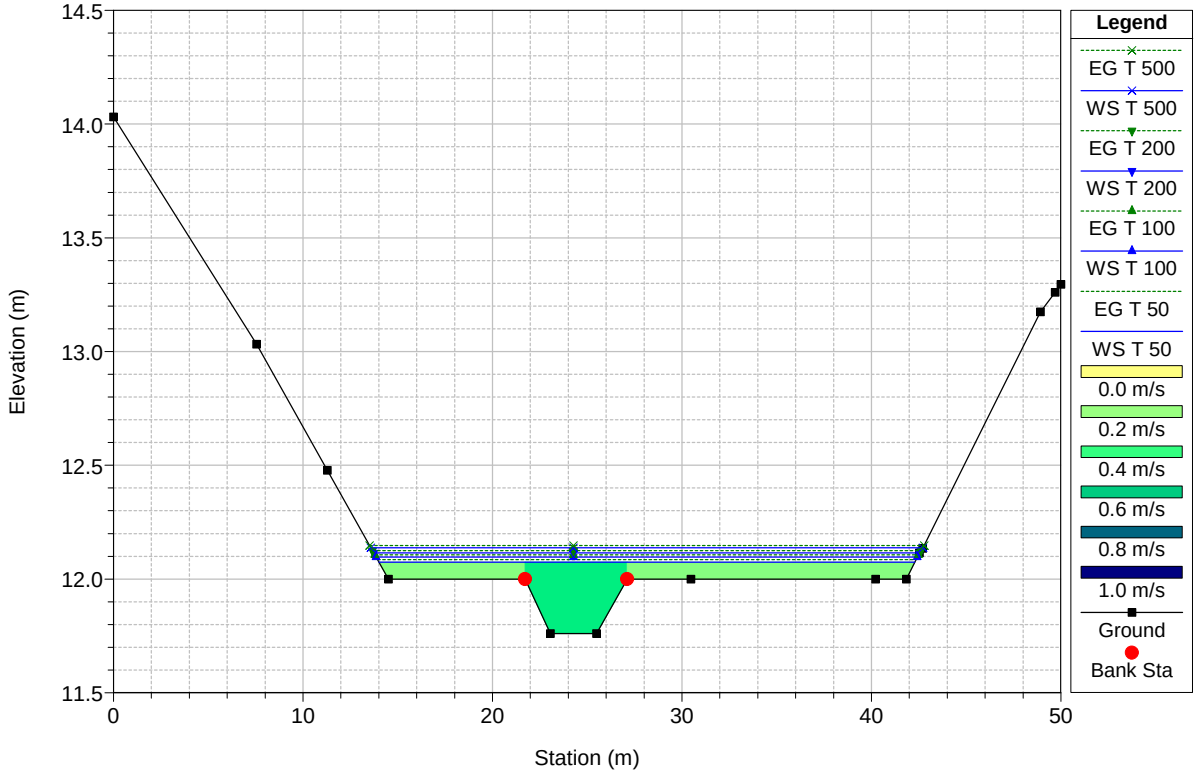
River = F3_03 Reach = RAMO A RS = 500



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

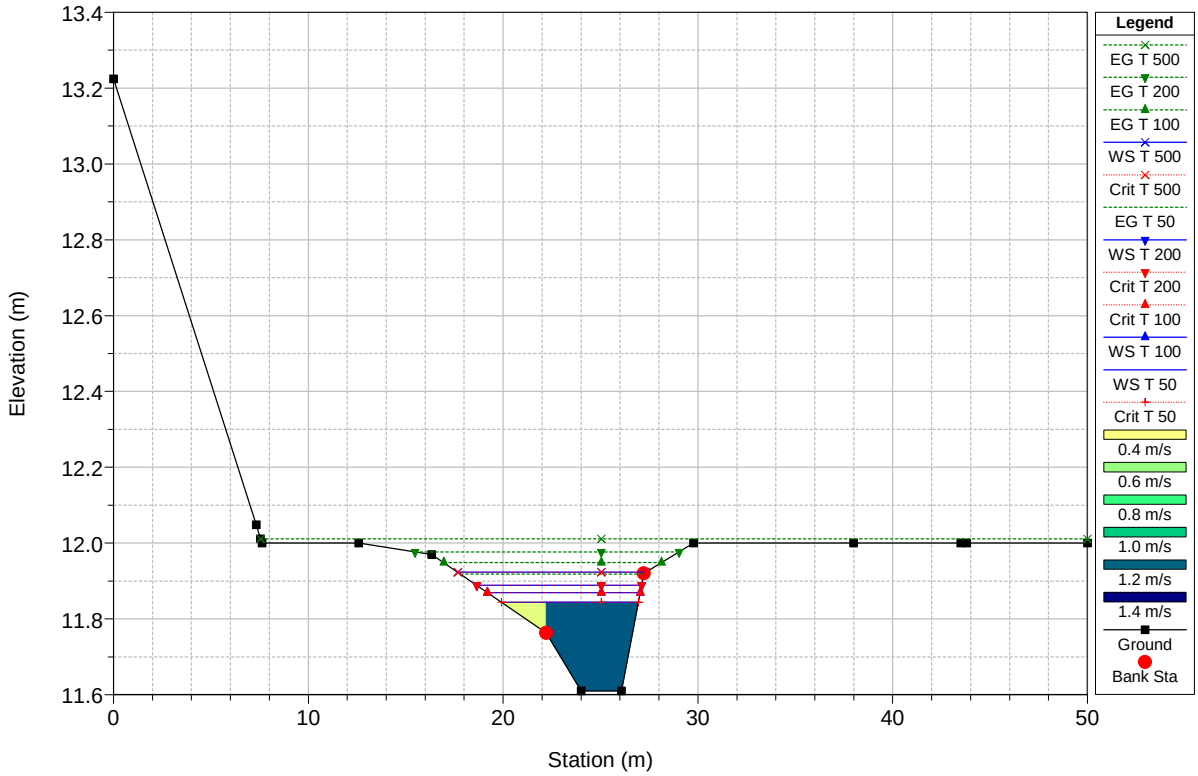
River = F3_03 Reach = RAMO A RS = 480



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

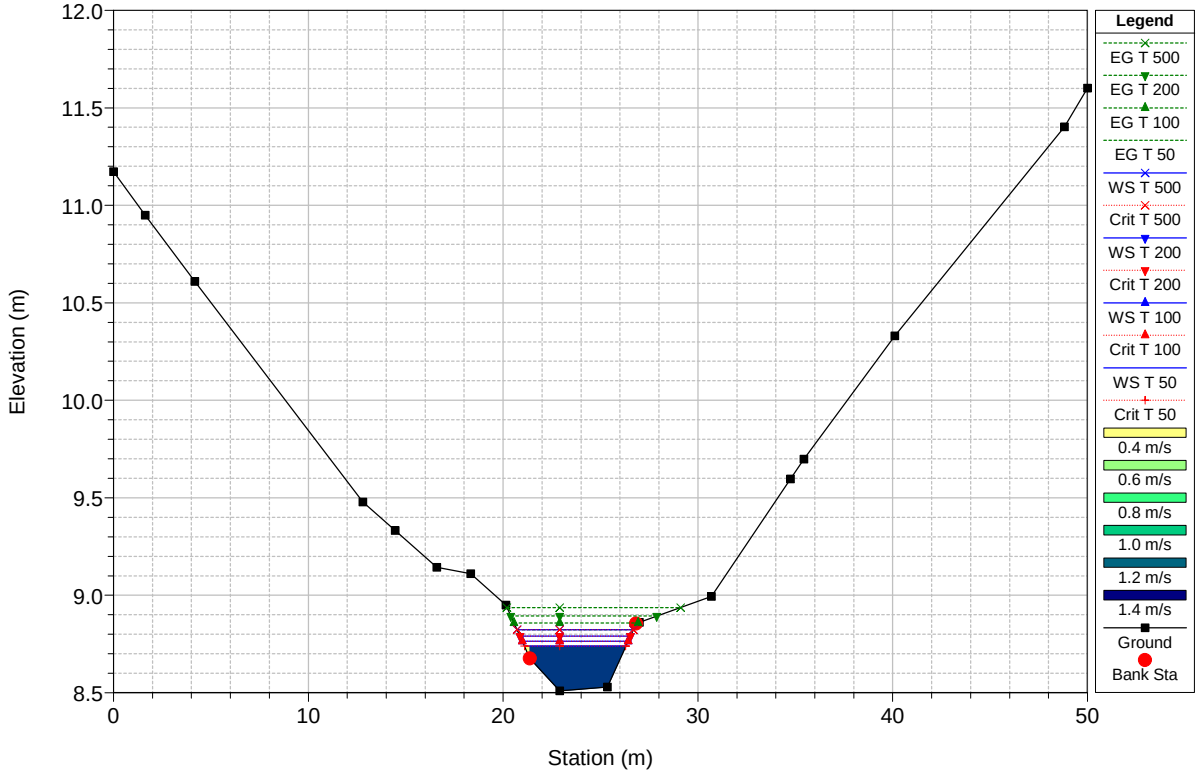
River = F3_03 Reach = RAMO A RS = 460



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

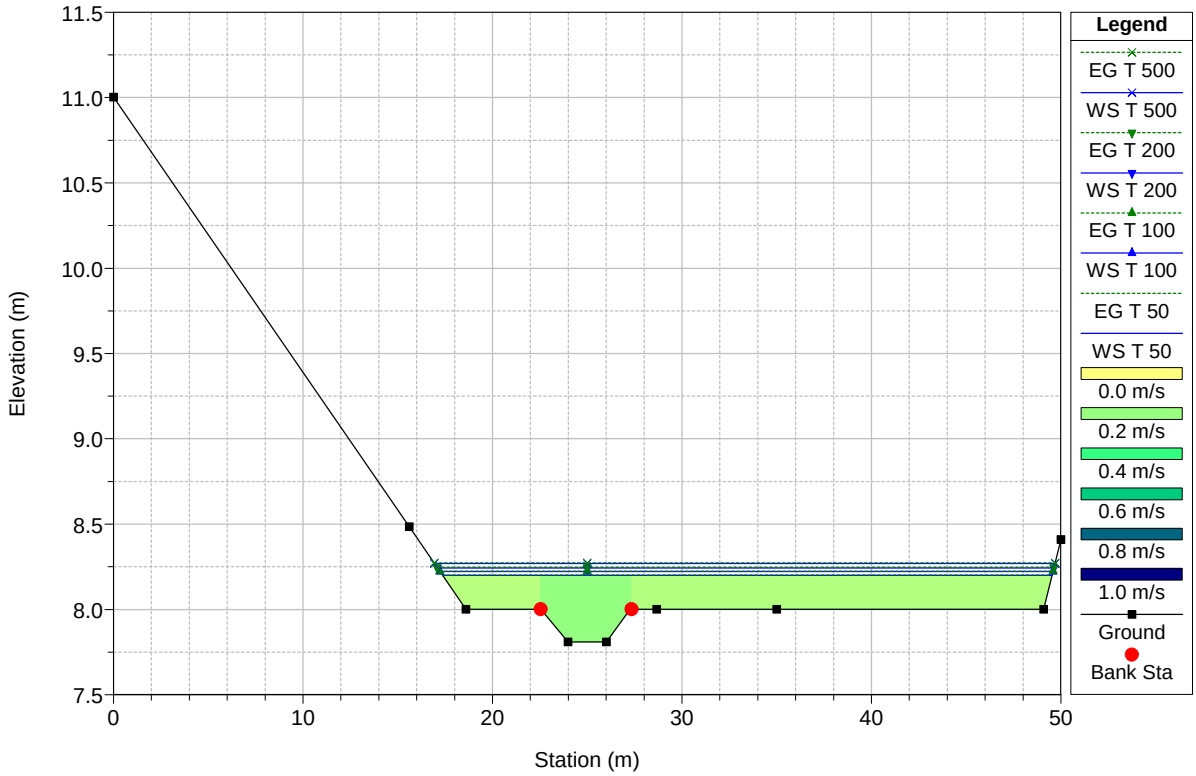
River = F3_03 Reach = RAMO A RS = 440



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

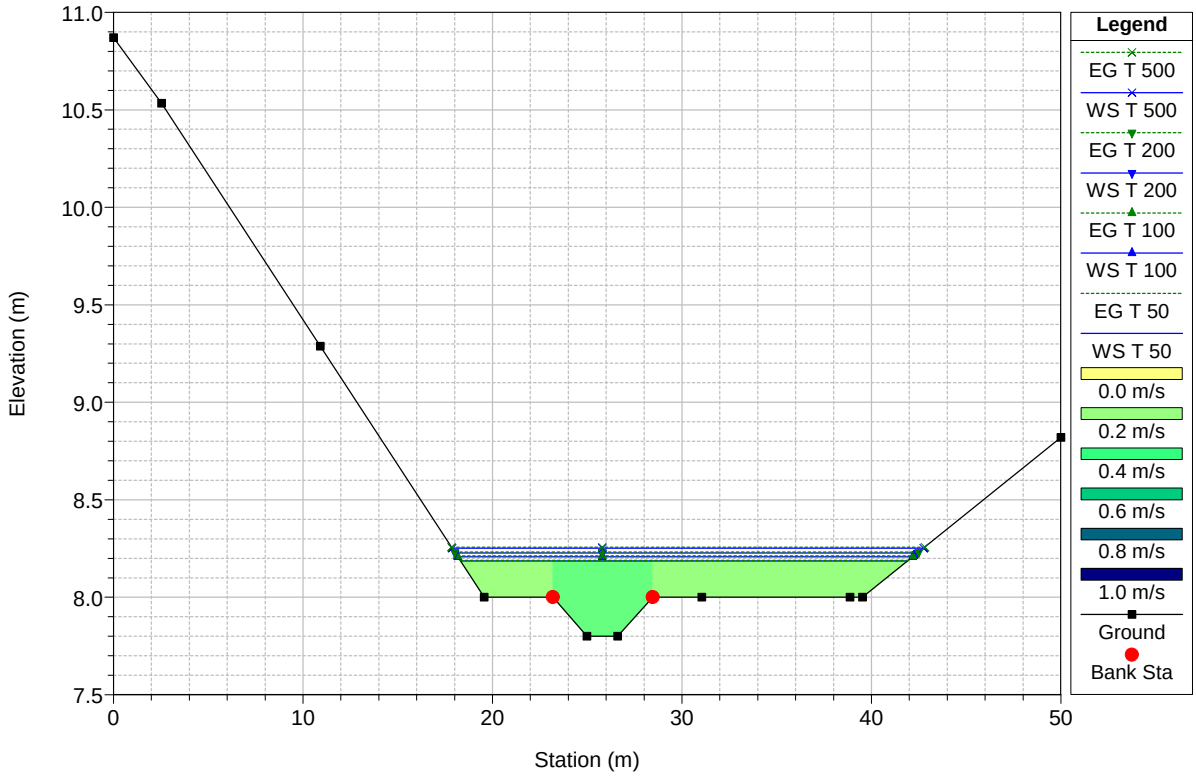
River = F3_03 Reach = RAMO A RS = 420



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

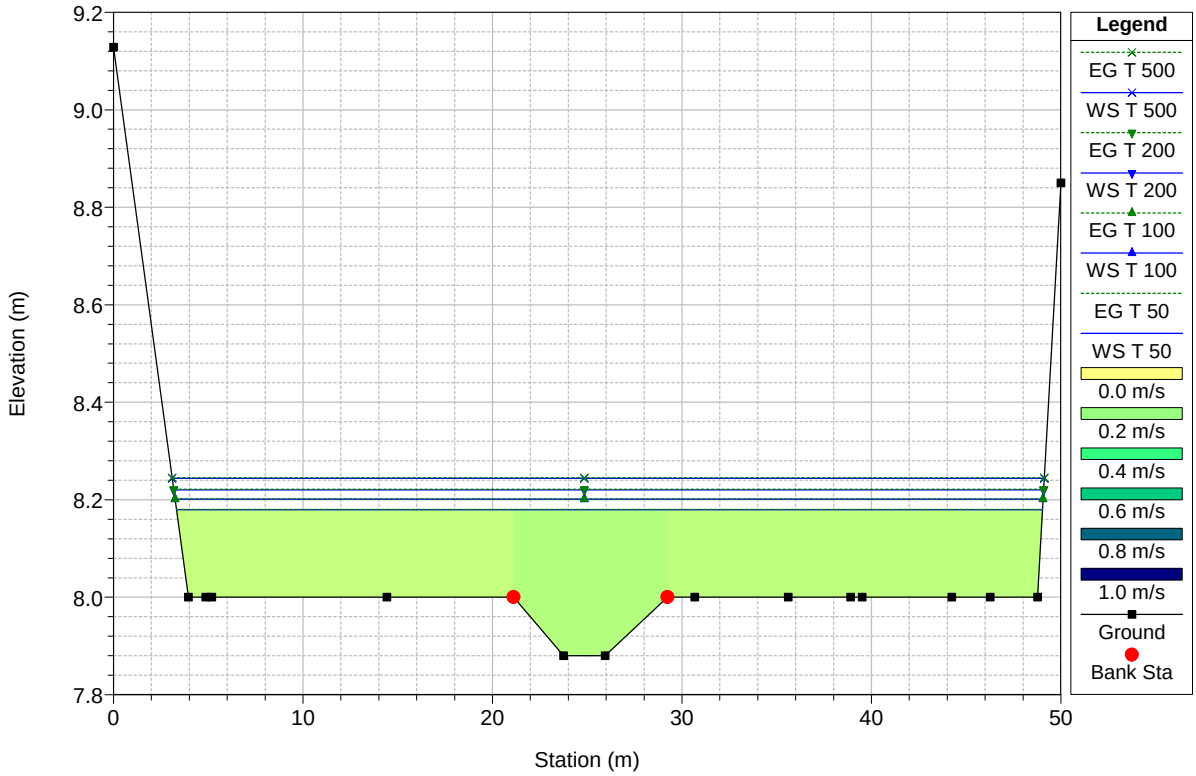
River = F3_03 Reach = RAMO A RS = 400



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

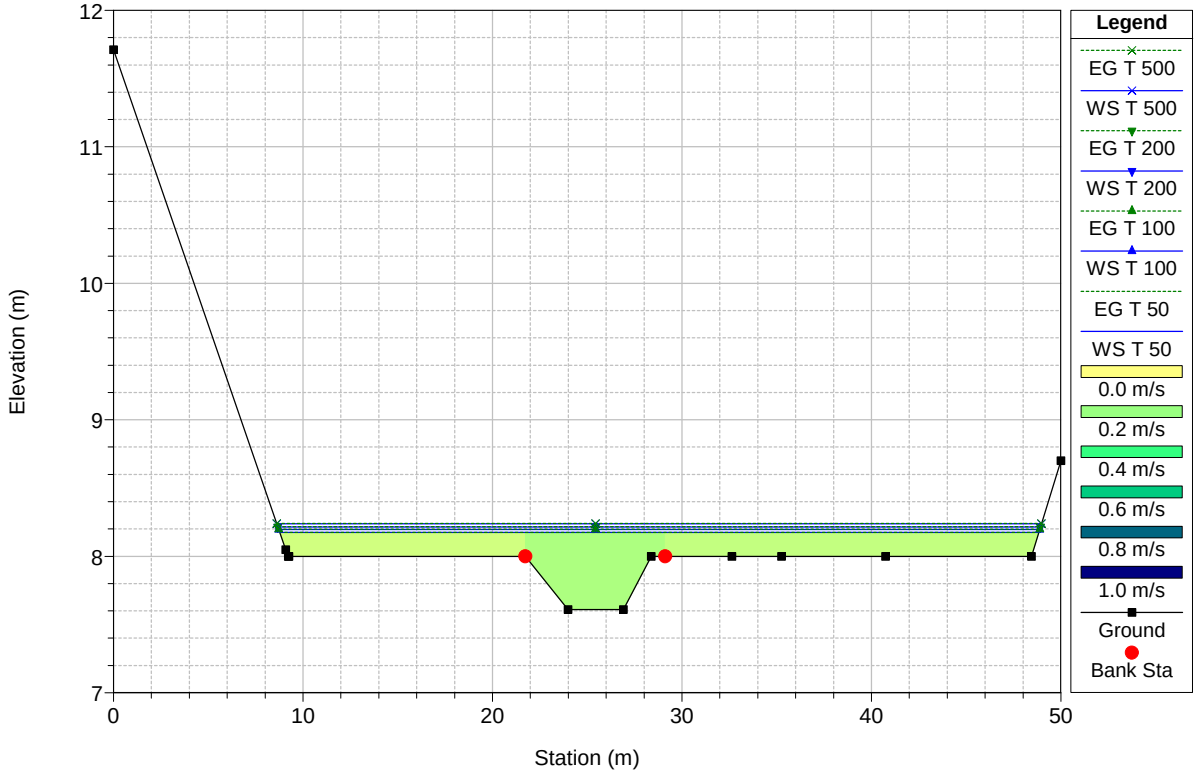
River = F3_03 Reach = RAMO A RS = 380



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

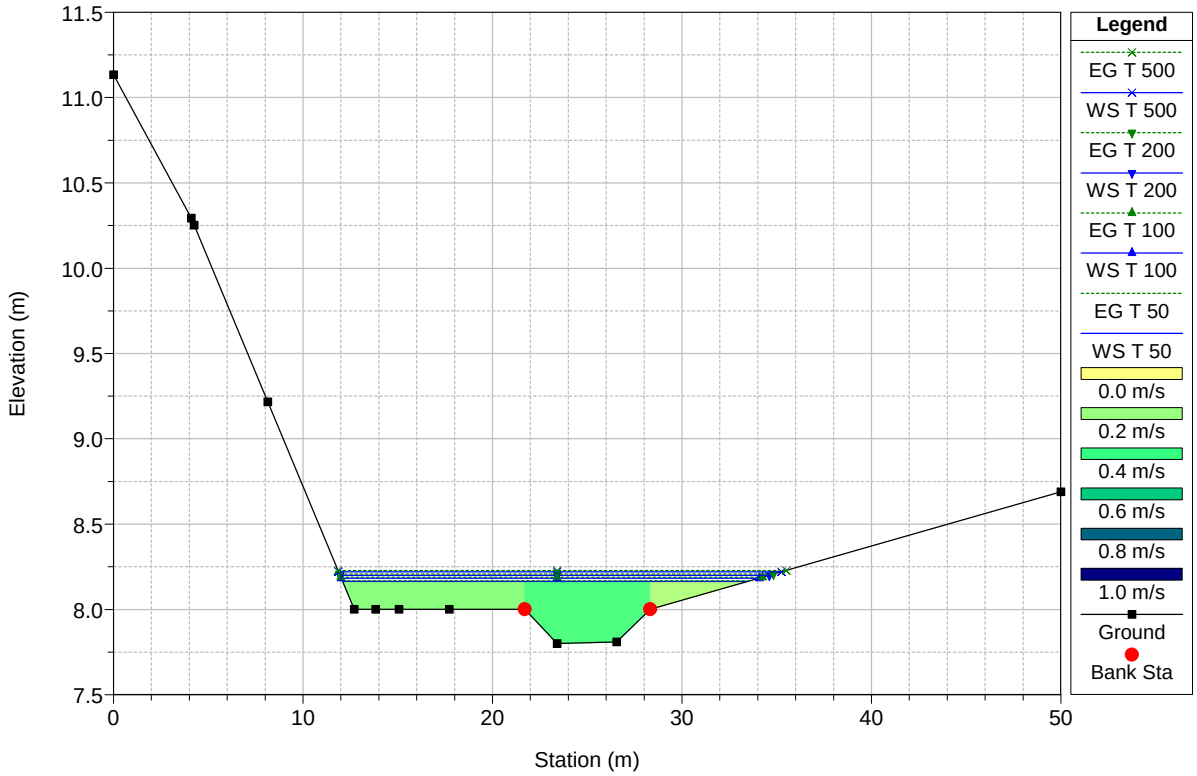
River = F3_03 Reach = RAMO A RS = 360



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

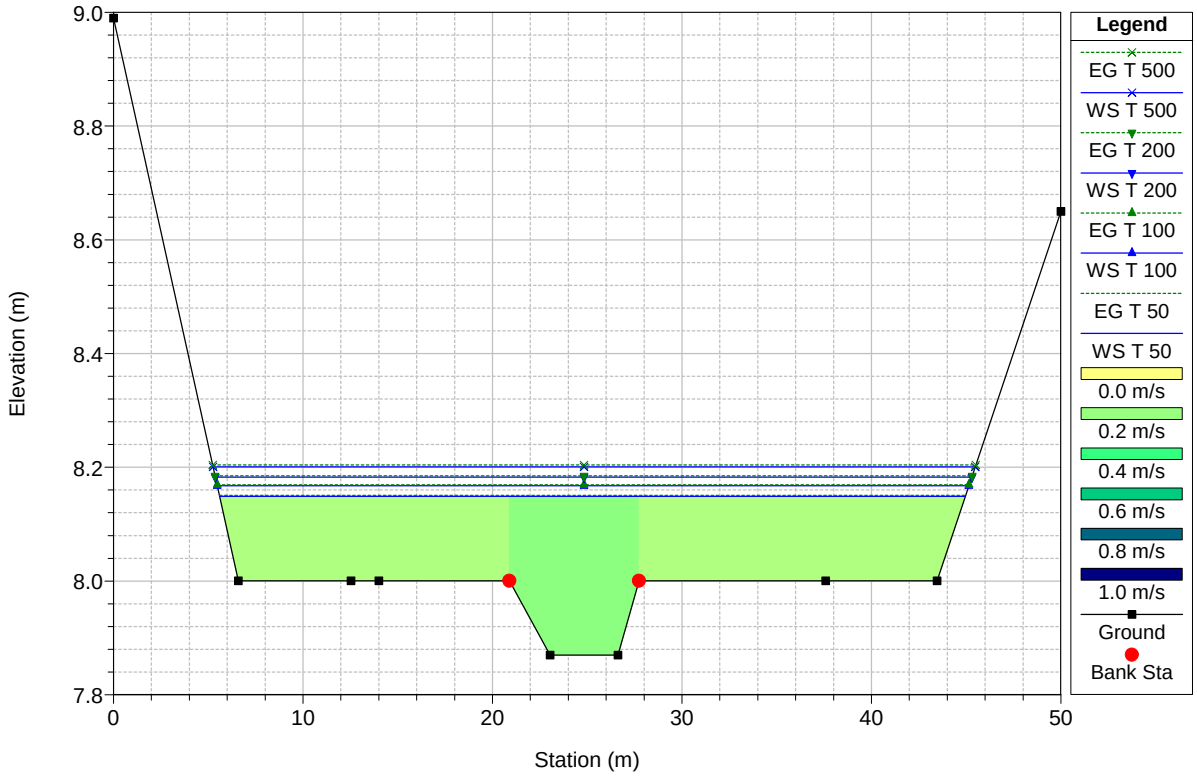
River = F3_03 Reach = RAMO A RS = 340



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

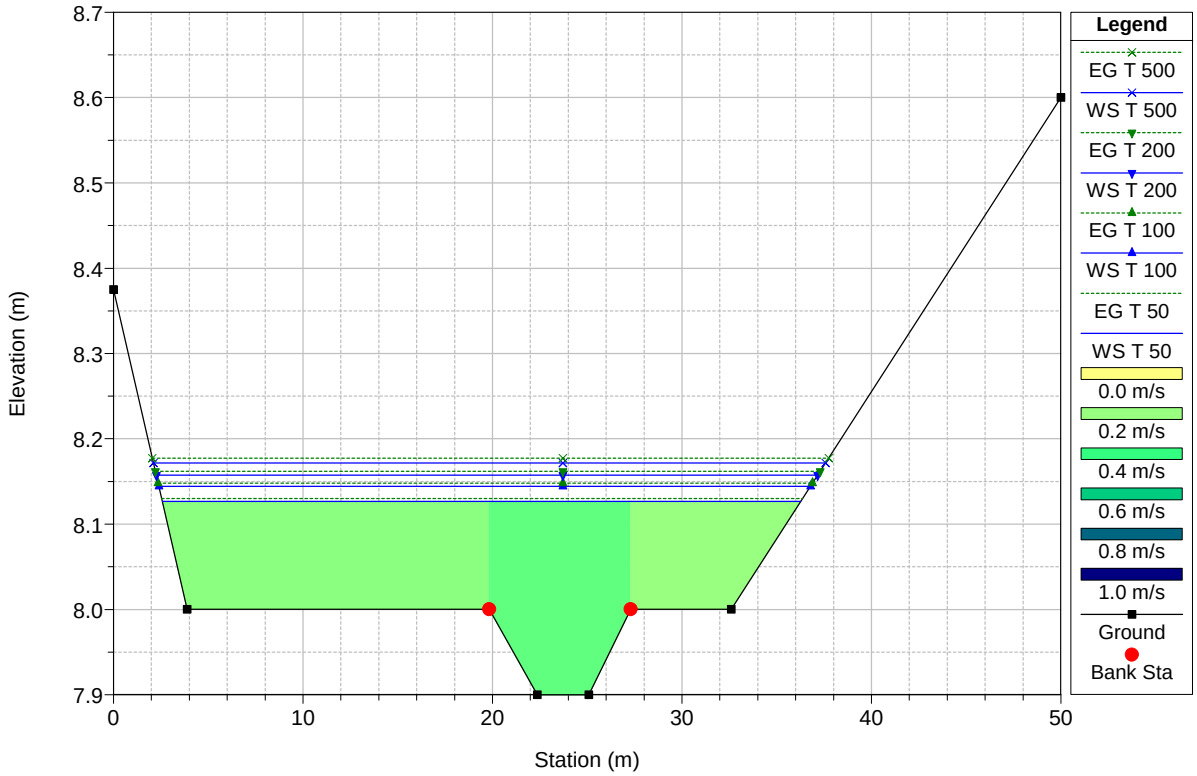
River = F3_03 Reach = RAMO A RS = 320



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

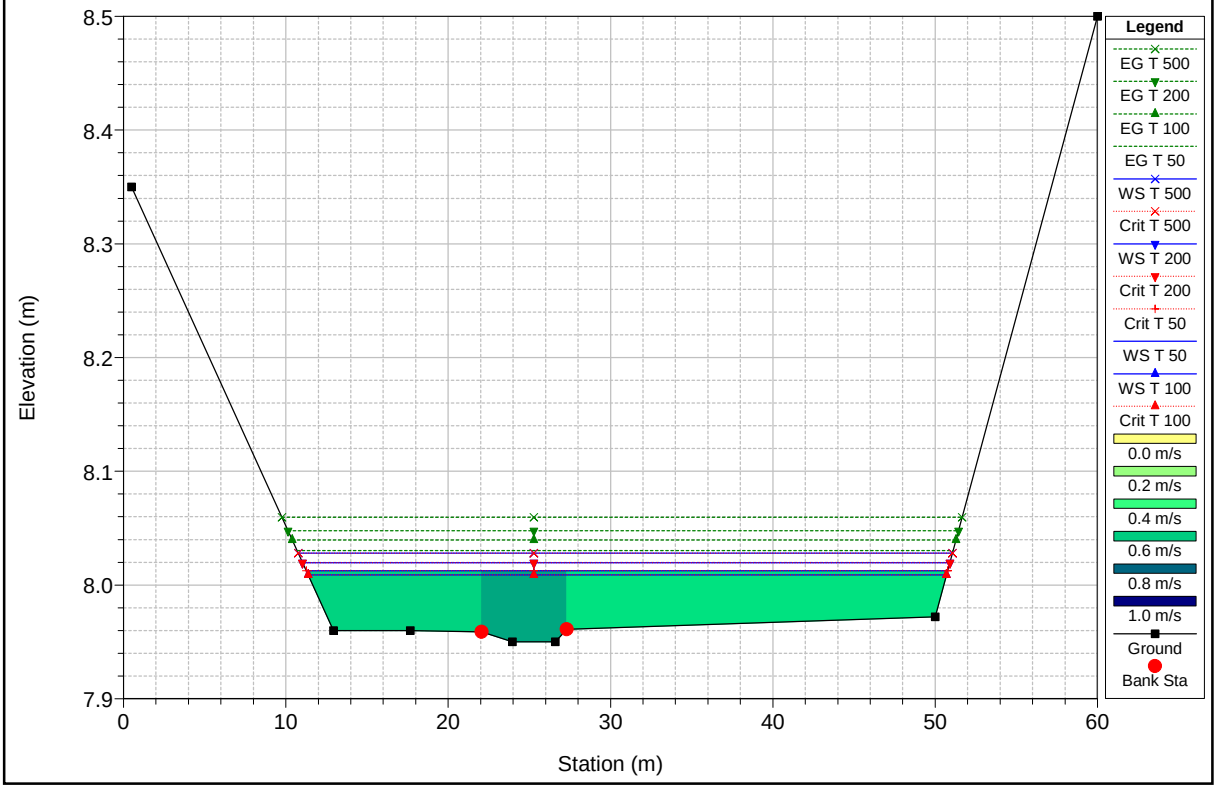
River = F3_03 Reach = RAMO A RS = 300



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

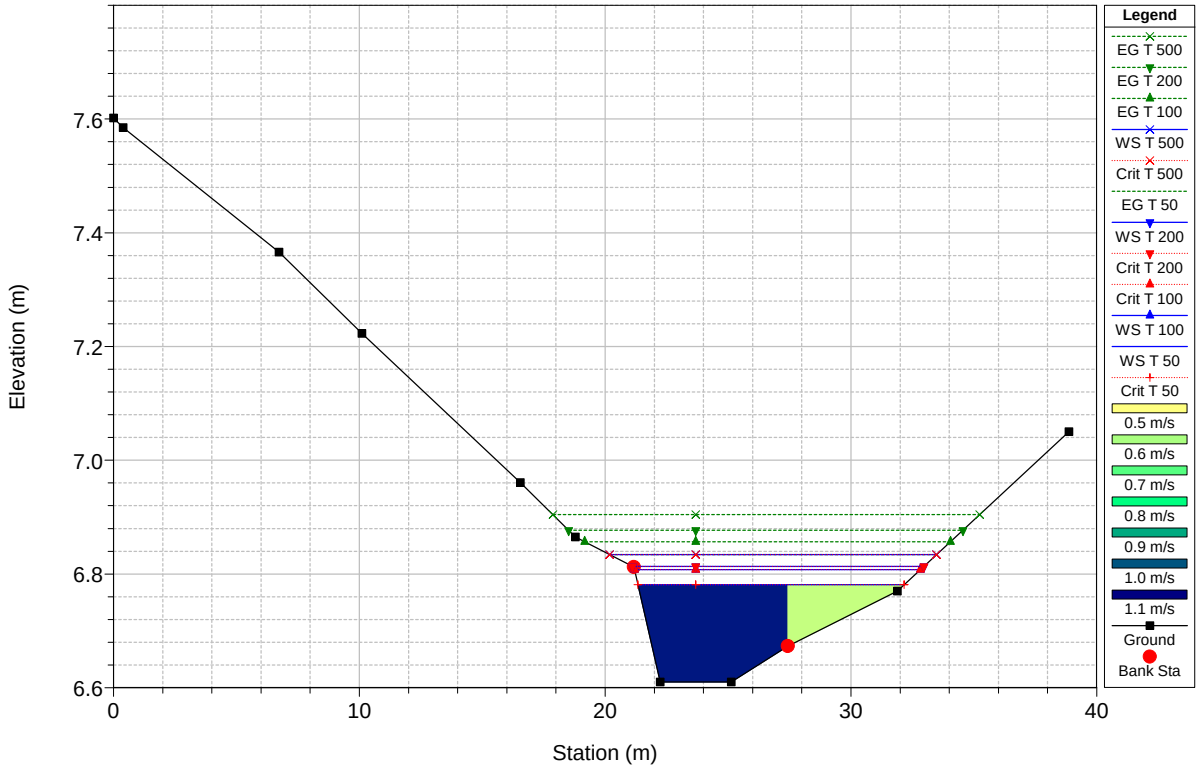
River = F3_03 Reach = RAMO A RS = 280



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

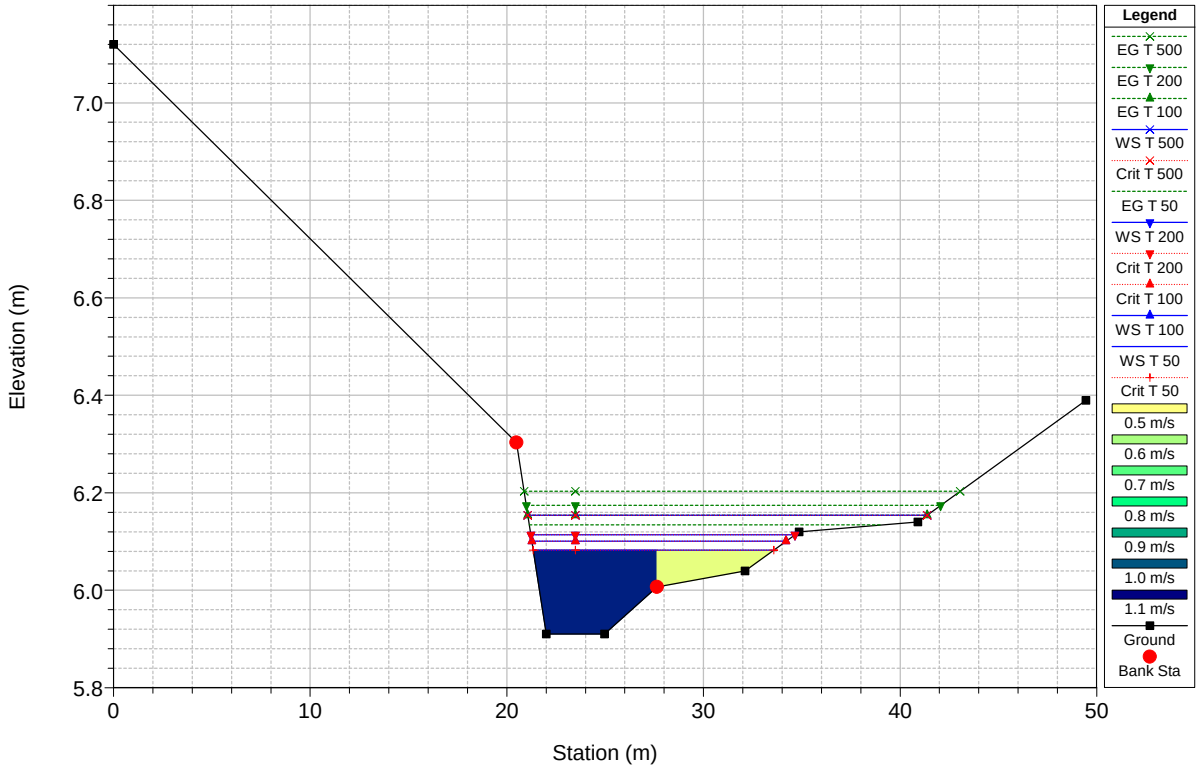
River = F3_03 Reach = RAMO A RS = 260



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

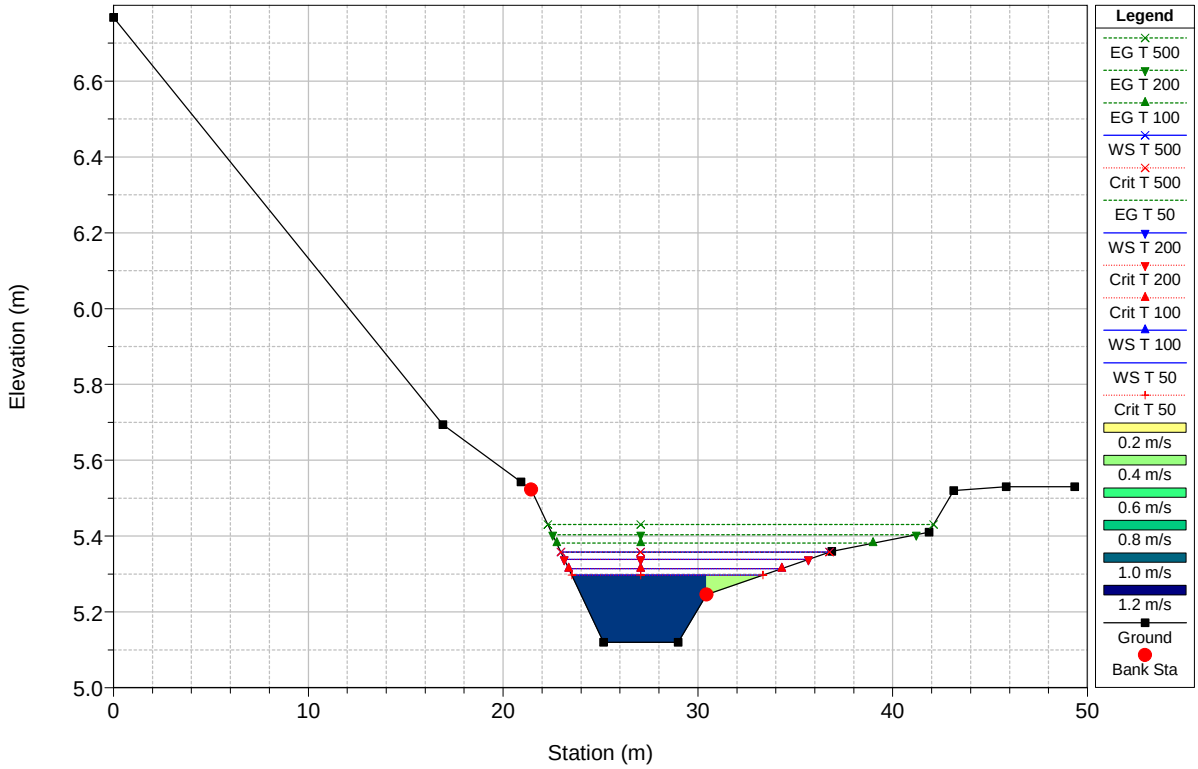
River = F3_03 Reach = RAMO A RS = 240



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

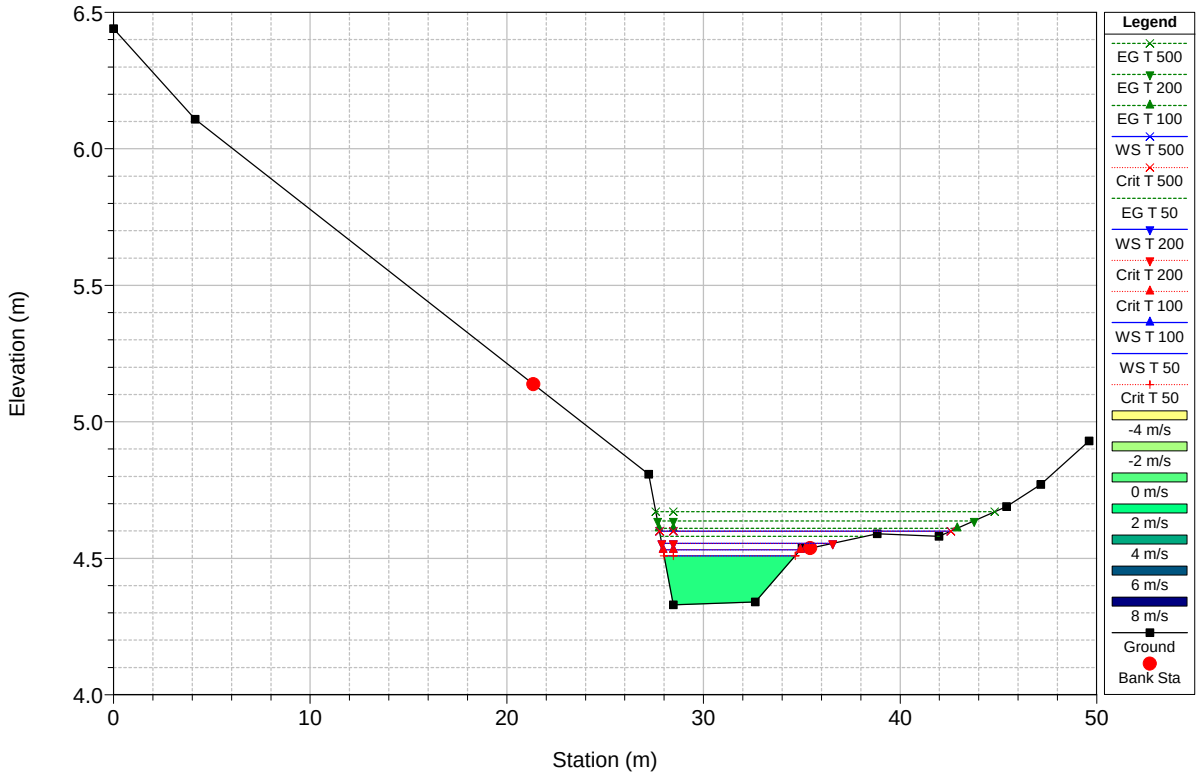
River = F3_03 Reach = RAMO A RS = 220



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

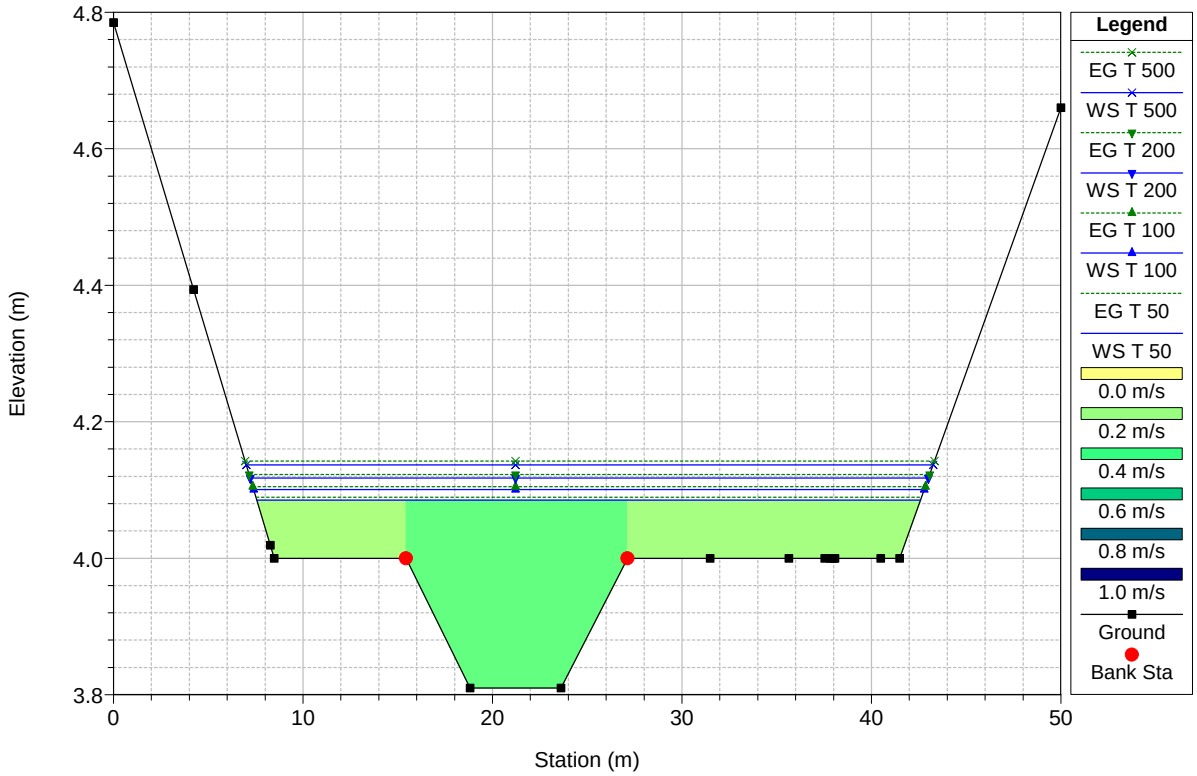
River = F3_03 Reach = RAMO A RS = 200



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

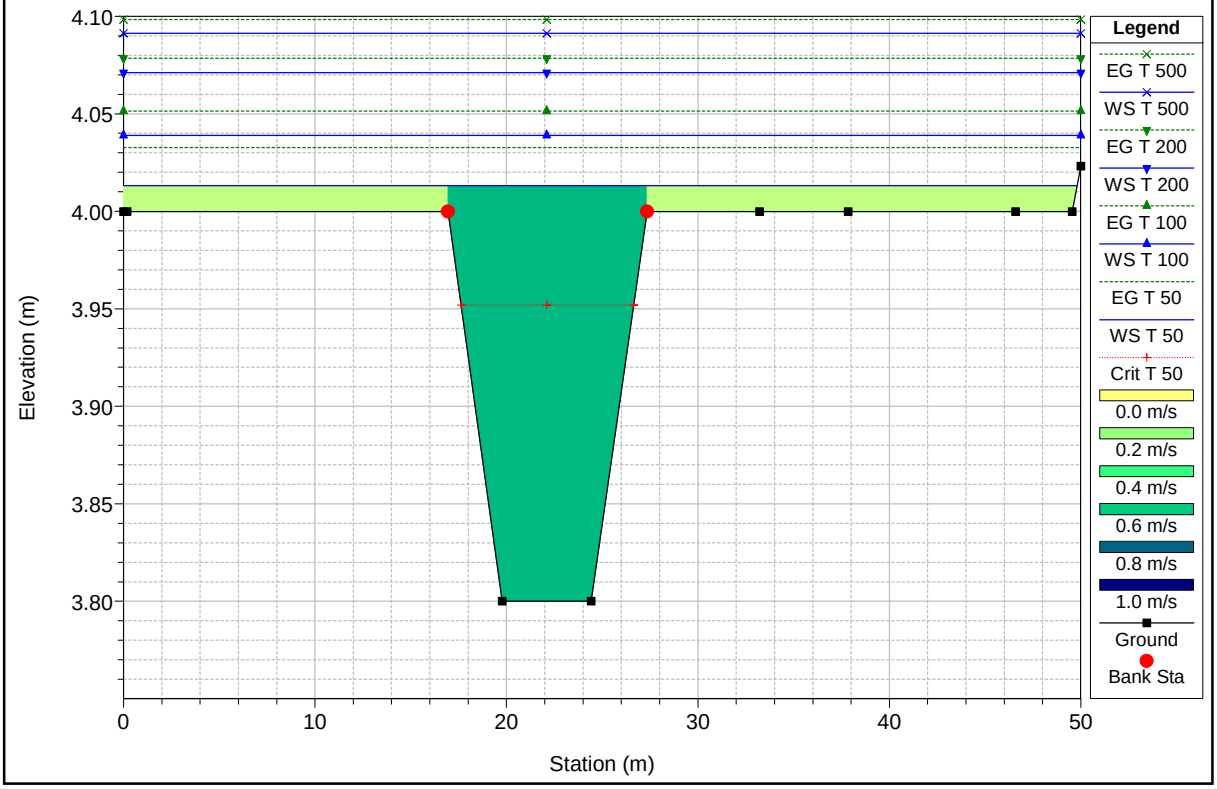
River = F3_03 Reach = RAMO A RS = 160



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

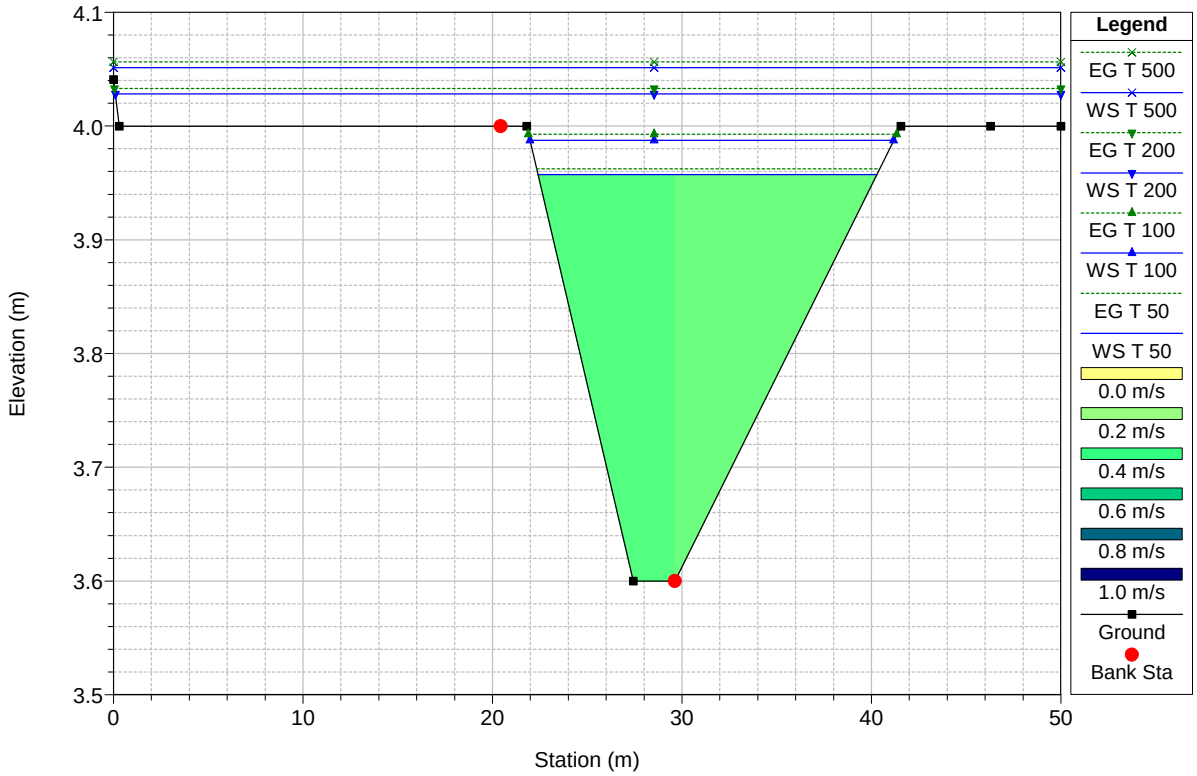
River = F3_03 Reach = RAMO A RS = 140



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

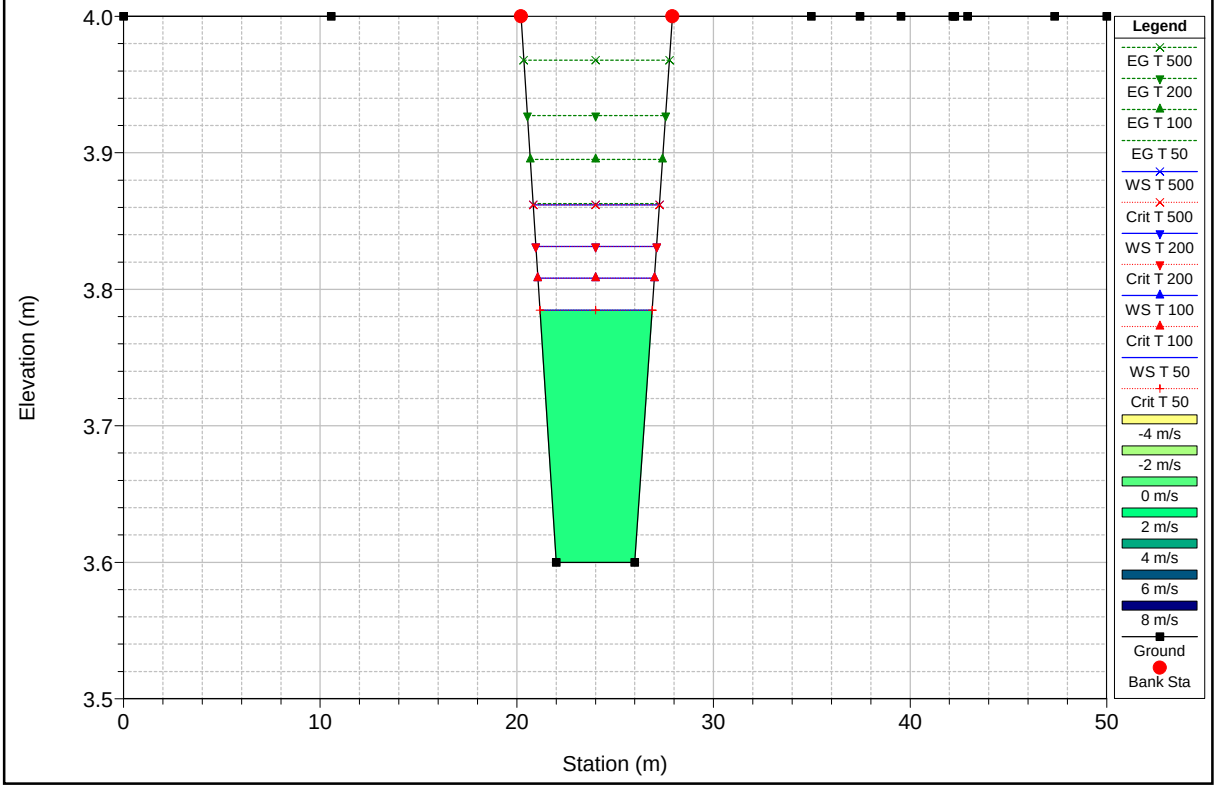
River = F3_03 Reach = RAMO A RS = 120



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

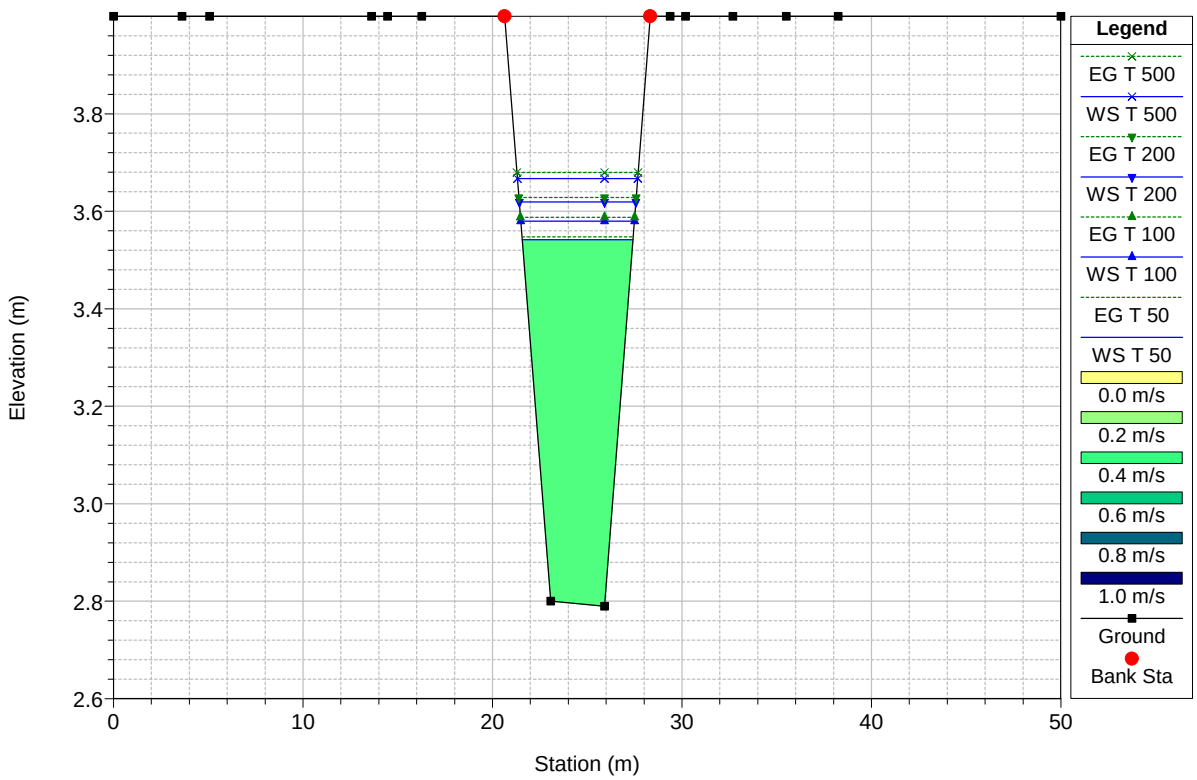
River = F3_03 Reach = RAMO A RS = 100



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

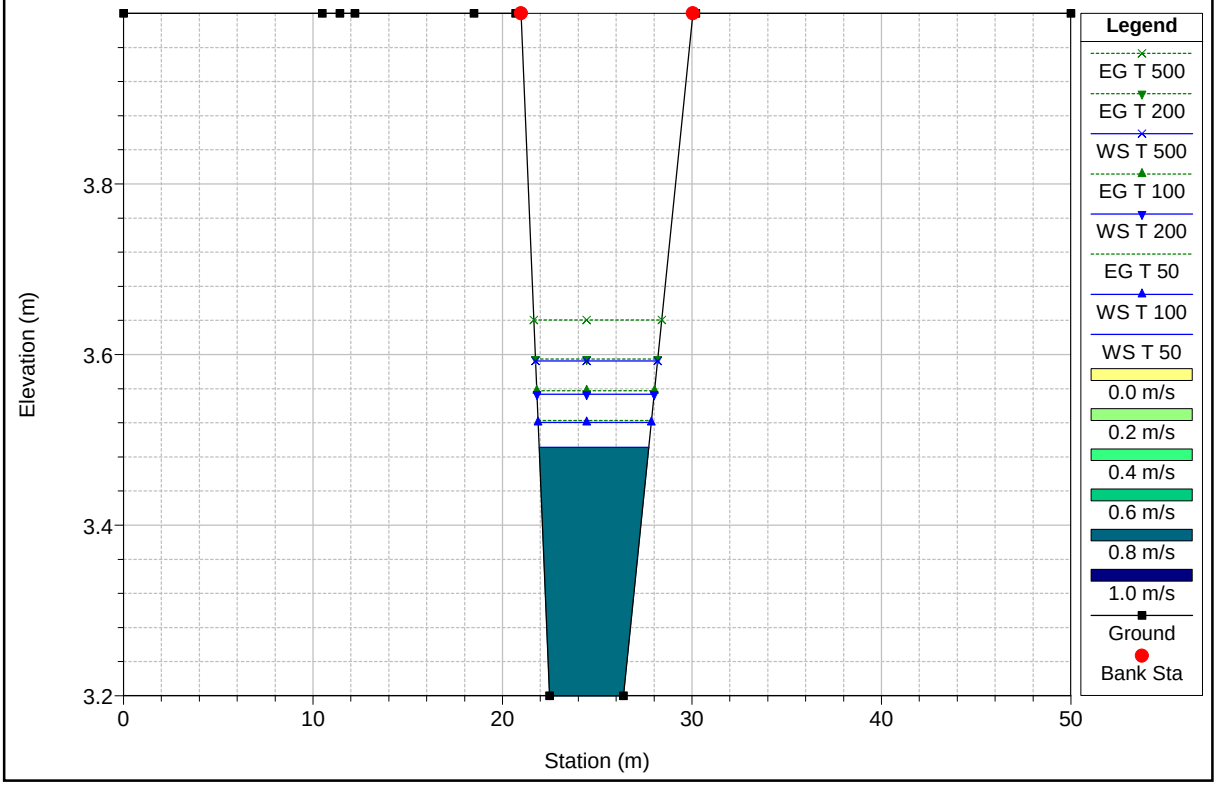
River = F3_03 Reach = RAMO A RS = 80



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

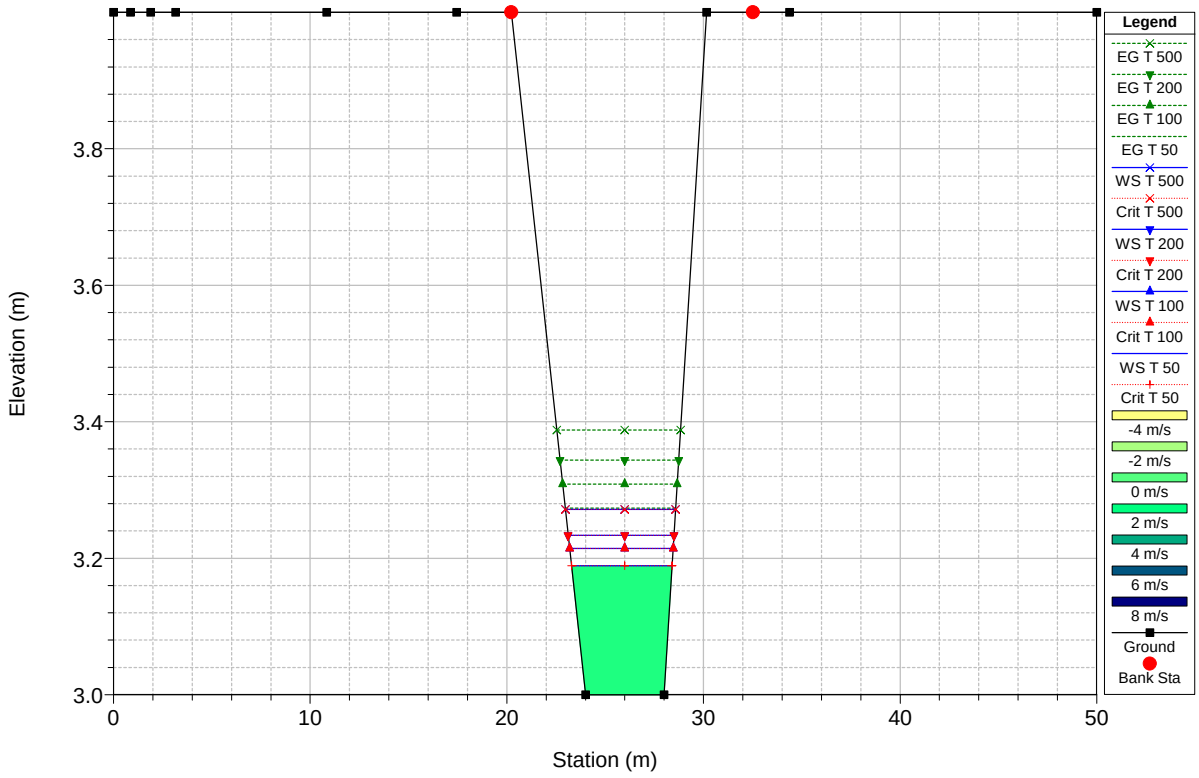
River = F3_03 Reach = RAMO A RS = 60



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

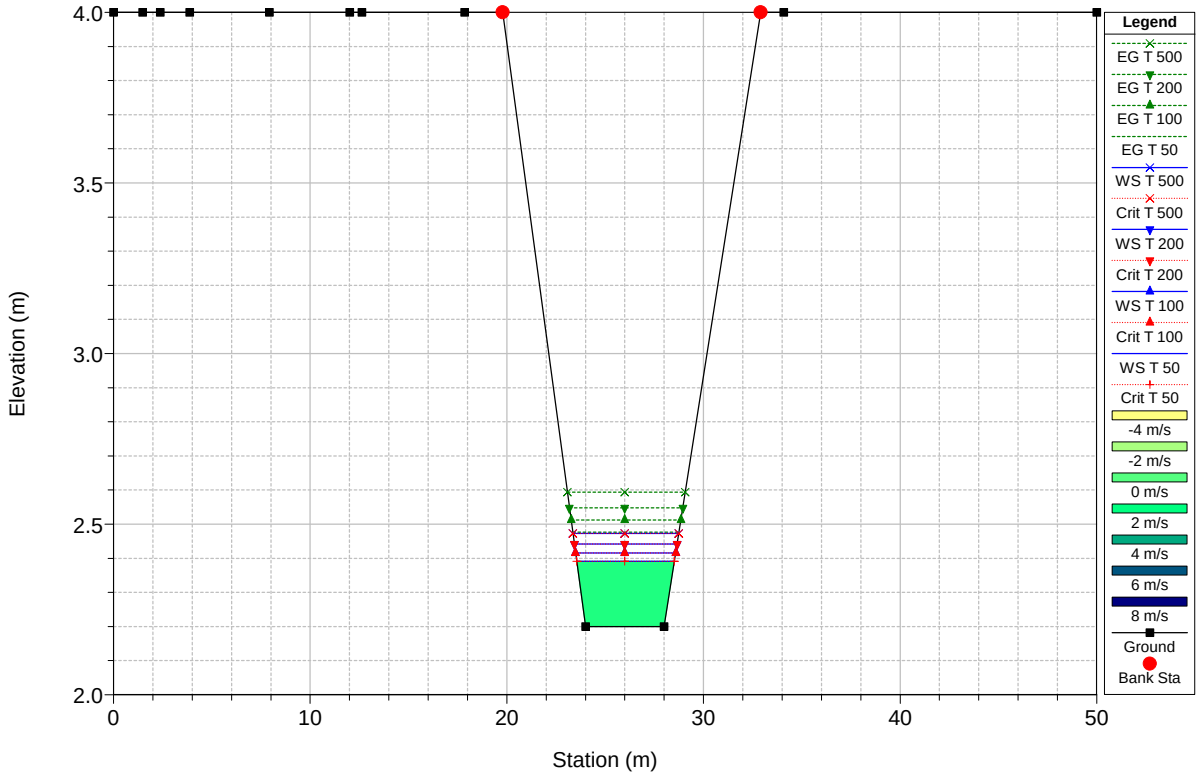
River = F3_03 Reach = RAMO A RS = 40



MODELLO IDRAULICO F4.03A Plan: Plan 02

Geom: SI Flow: Flow 01

River = F3_03 Reach = RAMO A RS = 20



HEC-RAS Plan: Plan 01 River: F3_03 Reach: RAMO A

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)	
RAMO A	700	T 50	1.11	20.00	20.18		20.18	0.001628	0.28	4.04	23.76	0.21
RAMO A	700	T 100	1.35	20.00	20.19		20.20	0.001874	0.32	4.36	23.92	0.23
RAMO A	700	T 200	1.61	20.00	20.21		20.21	0.001968	0.35	4.80	24.12	0.24
RAMO A	700	T 500	1.97	20.00	20.23		20.24	0.002141	0.39	5.30	24.36	0.26
RAMO A	680	T 50	1.11	20.00	20.05	20.05	20.08	0.075422	0.83	1.35	27.35	1.18
RAMO A	680	T 100	1.35	20.00	20.06	20.06	20.09	0.051575	0.80	1.71	27.51	1.02
RAMO A	680	T 200	1.61	20.00	20.07	20.07	20.11	0.048700	0.84	1.93	27.61	1.01
RAMO A	680	T 500	1.97	20.00	20.08	20.08	20.12	0.054648	0.94	2.11	27.69	1.08
RAMO A	660	T 50	1.11	18.68	18.71	18.71	18.75	0.040295	0.24	1.18	13.61	0.69
RAMO A	660	T 100	1.35	18.68	18.72	18.72	18.77	0.038002	0.32	1.38	14.70	0.72
RAMO A	660	T 200	1.61	18.68	18.73	18.73	18.79	0.040552	0.38	1.53	15.47	0.77
RAMO A	660	T 500	1.97	18.68	18.77	18.77	18.81	0.023929	0.50	2.13	18.26	0.68
RAMO A	640	T 50	1.11	16.00	16.17		16.20	0.011366	0.73	1.64	10.97	0.56
RAMO A	640	T 100	1.35	16.00	16.19		16.22	0.012297	0.81	1.82	11.24	0.60
RAMO A	640	T 200	1.61	16.00	16.20		16.24	0.013158	0.88	2.00	11.51	0.62
RAMO A	640	T 500	1.97	16.00	16.22		16.27	0.014007	0.97	2.24	11.86	0.65
RAMO A	620	T 50	1.11	15.85	16.14		16.14	0.001039	0.28	5.46	37.64	0.18
RAMO A	620	T 100	1.35	15.85	16.15		16.16	0.001092	0.30	6.07	37.73	0.19
RAMO A	620	T 200	1.61	15.85	16.17		16.18	0.001117	0.32	6.73	37.80	0.19
RAMO A	620	T 500	1.97	15.85	16.20		16.20	0.001099	0.33	7.66	37.89	0.19
RAMO A	600	T 50	1.11	15.89	16.11		16.11	0.001718	0.30	4.93	41.91	0.22
RAMO A	600	T 100	1.35	15.89	16.13		16.13	0.001662	0.32	5.62	41.99	0.22
RAMO A	600	T 200	1.61	15.89	16.15		16.15	0.001561	0.32	6.38	42.07	0.22
RAMO A	600	T 500	1.97	15.89	16.17		16.18	0.001375	0.33	7.51	42.19	0.21
RAMO A	560	T 50	1.11	15.70	15.86	15.86	15.93	0.038709	1.17	0.95	6.79	1.00
RAMO A	560	T 100	1.35	15.70	15.89	15.89	15.96	0.037021	1.23	1.10	7.07	1.00
RAMO A	560	T 200	1.61	15.70	15.91	15.91	15.99	0.036594	1.30	1.24	7.32	1.01
RAMO A	560	T 500	1.97	15.70	15.93	15.93	16.03	0.034744	1.36	1.45	7.68	1.00
RAMO A	540	T 50	1.11	14.04	14.18	14.18	14.24	0.047193	1.08	1.04	10.37	1.06
RAMO A	540	T 100	1.35	14.04	14.20	14.20	14.26	0.038616	1.08	1.28	11.14	0.98
RAMO A	540	T 200	1.61	14.04	14.24	14.24	14.29	0.026185	1.01	1.65	13.60	0.84
RAMO A	540	T 500	1.97	14.04	14.24	14.24	14.31	0.036422	1.21	1.69	13.97	0.99
RAMO A	500	T 50	1.11	11.91	12.15		12.16	0.003260	0.44	2.84	16.90	0.31
RAMO A	500	T 100	1.35	11.91	12.17		12.18	0.003620	0.48	3.11	17.04	0.33
RAMO A	500	T 200	1.61	11.91	12.19		12.20	0.003839	0.52	3.41	17.20	0.34
RAMO A	500	T 500	1.97	11.91	12.21		12.22	0.004100	0.57	3.80	17.40	0.36
RAMO A	480	T 50	1.11	11.76	12.07		12.08	0.003723	0.53	3.01	28.29	0.34
RAMO A	480	T 100	1.35	11.76	12.10		12.11	0.003280	0.53	3.65	28.57	0.33
RAMO A	480	T 200	1.61	11.76	12.12		12.13	0.003197	0.55	4.17	28.80	0.32
RAMO A	480	T 500	1.97	11.76	12.14		12.15	0.003172	0.57	4.80	29.13	0.33
RAMO A	460	T 50	1.11	11.61	11.84	11.84	11.92	0.029679	1.23	0.96	7.03	0.92
RAMO A	460	T 100	1.35	11.61	11.87	11.87	11.95	0.027504	1.28	1.15	7.85	0.90
RAMO A	460	T 200	1.61	11.61	11.89	11.89	11.98	0.028411	1.36	1.31	8.46	0.92
RAMO A	460	T 500	1.97	11.61	11.92	11.92	12.01	0.024831	1.38	1.62	9.65	0.88
RAMO A	440	T 50	1.11	8.51	8.74	8.74	8.82	0.035023	1.29	0.87	5.20	0.99
RAMO A	440	T 100	1.35	8.51	8.76	8.76	8.86	0.033442	1.36	1.00	5.43	0.98
RAMO A	440	T 200	1.61	8.51	8.79	8.79	8.89	0.031834	1.42	1.15	5.67	0.98
RAMO A	440	T 500	1.97	8.51	8.82	8.82	8.94	0.030415	1.50	1.34	5.97	0.97
RAMO A	420	T 50	1.11	7.81	8.20		8.20	0.000388	0.21	6.89	32.16	0.12
RAMO A	420	T 100	1.35	7.81	8.22		8.22	0.000416	0.23	7.63	32.36	0.12
RAMO A	420	T 200	1.61	7.81	8.24		8.25	0.000449	0.25	8.32	32.53	0.13
RAMO A	420	T 500	1.97	7.81	8.27		8.27	0.000494	0.27	9.17	32.75	0.13
RAMO A	400	T 50	1.11	7.80	8.19		8.19	0.000838	0.30	4.75	23.60	0.17
RAMO A	400	T 100	1.35	7.80	8.21		8.21	0.000909	0.32	5.27	24.03	0.18
RAMO A	400	T 200	1.61	7.80	8.23		8.23	0.000994	0.35	5.74	24.41	0.19
RAMO A	400	T 500	1.97	7.80	8.25		8.26	0.001107	0.39	6.34	24.88	0.20
RAMO A	380	T 50	1.11	7.88	8.18		8.18	0.000279	0.14	8.74	45.70	0.09
RAMO A	380	T 100	1.35	7.88	8.20		8.20	0.000291	0.16	9.72	45.81	0.09
RAMO A	380	T 200	1.61	7.88	8.22		8.22	0.000311	0.17	10.61	45.90	0.10
RAMO A	380	T 500	1.97	7.88	8.24		8.25	0.000339	0.18	11.70	46.02	0.10
RAMO A	360	T 50	1.11	7.61	8.17		8.18	0.000176	0.16	8.80	40.06	0.08
RAMO A	360	T 100	1.35	7.61	8.20		8.20	0.000197	0.17	9.65	40.16	0.08
RAMO A	360	T 200	1.61	7.61	8.22		8.22	0.000221	0.19	10.41	40.25	0.09
RAMO A	360	T 500	1.97	7.61	8.24		8.24	0.000253	0.21	11.33	40.35	0.10
RAMO A	340	T 50	1.11	7.80	8.16		8.17	0.001185	0.35	3.98	21.38	0.20
RAMO A	340	T 100	1.35	7.80	8.18		8.19	0.001321	0.38	4.40	22.07	0.21
RAMO A	340	T 200	1.61	7.80	8.20		8.21	0.001491	0.42	4.78	22.66	0.23

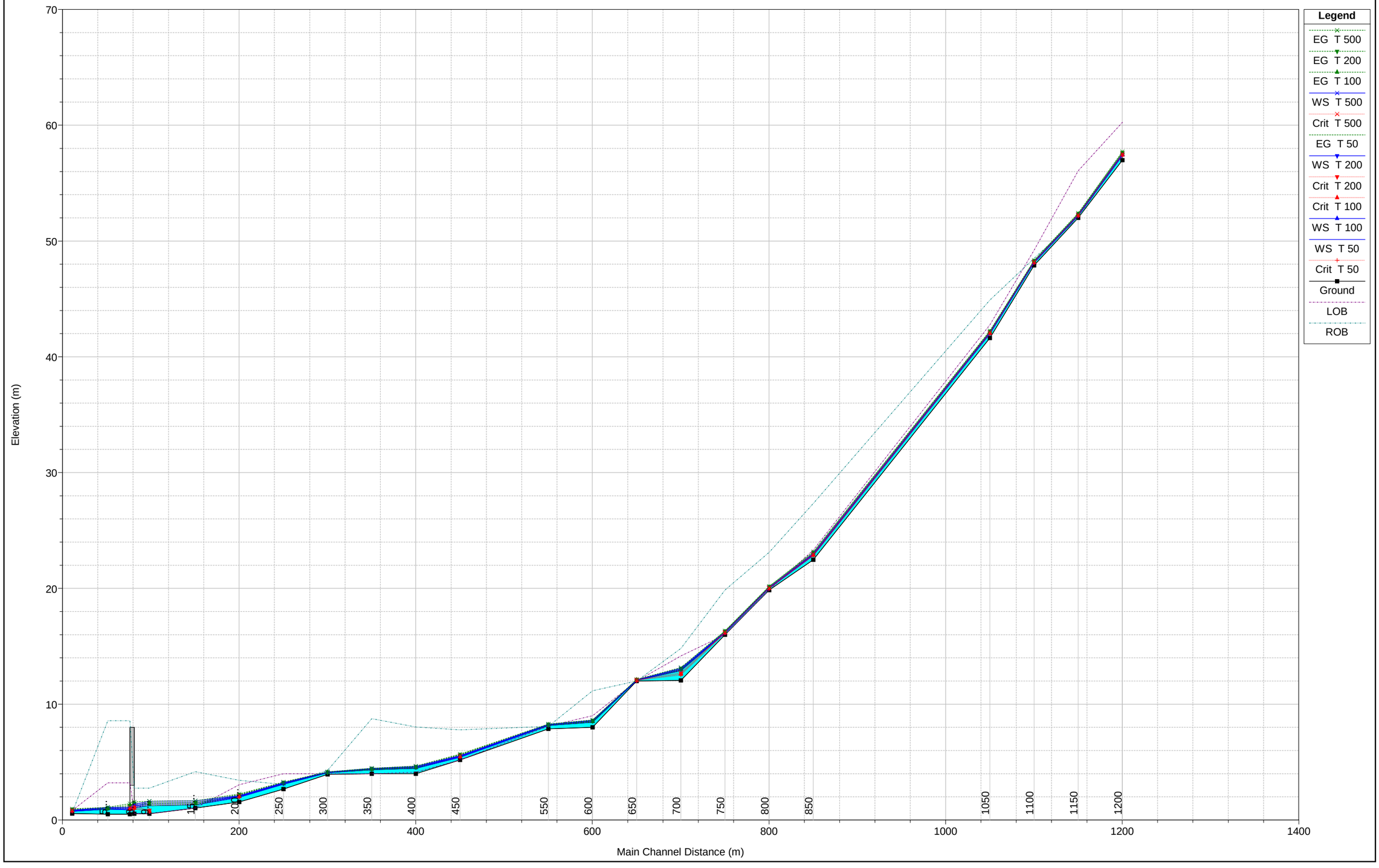
HEC-RAS Plan: Plan 01 River: F3_03 Reach: RAMO A (Continued)

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)	
RAMO A	340	T 500	1.97	7.80	8.22		8.23	0.001720	0.47	5.25	23.37	0.25
RAMO A	320	T 50	1.11	7.87	8.15		8.15	0.000662	0.23	6.35	39.35	0.14
RAMO A	320	T 100	1.35	7.87	8.17		8.17	0.000695	0.24	7.08	39.66	0.15
RAMO A	320	T 200	1.61	7.87	8.18		8.19	0.000761	0.26	7.69	39.92	0.16
RAMO A	320	T 500	1.97	7.87	8.20		8.20	0.000858	0.29	8.42	40.22	0.17
RAMO A	300	T 50	1.11	7.90	8.13		8.13	0.001739	0.31	4.45	33.69	0.23
RAMO A	300	T 100	1.35	7.90	8.14		8.15	0.001747	0.33	5.06	34.39	0.23
RAMO A	300	T 200	1.61	7.90	8.16		8.16	0.001908	0.36	5.51	34.91	0.24
RAMO A	300	T 500	1.97	7.90	8.17		8.18	0.002190	0.40	6.01	35.47	0.26
RAMO A	280	T 50	1.11	7.95	8.01	8.01	8.03	0.039010	0.67	1.90	39.52	0.88
RAMO A	280	T 100	1.35	7.95	8.01	8.01	8.04	0.074442	0.89	1.76	39.33	1.20
RAMO A	280	T 200	1.61	7.95	8.02	8.02	8.05	0.052545	0.84	2.18	39.88	1.04
RAMO A	280	T 500	1.97	7.95	8.03	8.03	8.06	0.049416	0.88	2.52	40.30	1.03
RAMO A	260	T 50	1.11	6.61	6.78	6.78	6.83	0.030303	1.07	1.16	10.83	0.89
RAMO A	260	T 100	1.35	6.61	6.81	6.81	6.86	0.023729	1.05	1.46	11.64	0.81
RAMO A	260	T 200	1.61	6.61	6.81	6.81	6.88	0.029702	1.19	1.53	11.87	0.91
RAMO A	260	T 500	1.97	6.61	6.83	6.83	6.90	0.028772	1.27	1.78	13.30	0.91
RAMO A	240	T 50	1.11	5.91	6.08	6.08	6.13	0.030887	1.06	1.19	12.23	0.90
RAMO A	240	T 100	1.35	5.91	6.10	6.10	6.15	0.028506	1.10	1.42	12.92	0.88
RAMO A	240	T 200	1.61	5.91	6.11	6.11	6.17	0.029425	1.17	1.60	13.43	0.90
RAMO A	240	T 500	1.97	5.91	6.15	6.15	6.20	0.019881	1.09	2.29	20.31	0.77
RAMO A	220	T 50	1.11	5.12	5.30	5.30	5.36	0.032376	1.09	1.07	9.83	0.92
RAMO A	220	T 100	1.35	5.12	5.31	5.31	5.38	0.032660	1.17	1.24	10.94	0.94
RAMO A	220	T 200	1.61	5.12	5.34	5.34	5.40	0.027866	1.16	1.53	12.54	0.88
RAMO A	220	T 500	1.97	5.12	5.36	5.36	5.43	0.028680	1.24	1.78	13.79	0.91
RAMO A	200	T 50	1.11	4.33	4.51	4.51	4.58	0.047799	1.18	0.94	6.67	1.00
RAMO A	200	T 100	1.35	4.33	4.53	4.53	4.61	0.046305	1.24	1.09	6.99	1.00
RAMO A	200	T 200	1.61	4.33	4.55	4.55	4.64	0.044244	1.27	1.27	8.69	0.99
RAMO A	200	T 500	1.97	4.33	4.60	4.60	4.67	0.029302	1.20	1.77	14.81	0.84
RAMO A	160	T 50	1.11	3.81	4.09		4.09	0.001443	0.31	4.47	35.03	0.21
RAMO A	160	T 100	1.35	3.81	4.10		4.10	0.001543	0.33	5.01	35.39	0.22
RAMO A	160	T 200	1.61	3.81	4.12		4.12	0.001569	0.35	5.61	35.79	0.22
RAMO A	160	T 500	1.97	3.81	4.14		4.14	0.001658	0.38	6.31	36.25	0.23
RAMO A	140	T 50	1.11	3.80	4.01	3.95	4.03	0.009634	0.64	2.17	49.81	0.51
RAMO A	140	T 100	1.35	3.80	4.04		4.05	0.005859	0.55	3.45	50.00	0.41
RAMO A	140	T 200	1.61	3.80	4.07		4.08	0.003155	0.45	5.06	50.00	0.31
RAMO A	140	T 500	1.97	3.80	4.09		4.10	0.002824	0.45	6.07	50.00	0.30
RAMO A	120	T 50	1.11	3.60	3.96		3.96	0.001623	0.34	3.59	17.88	0.22
RAMO A	120	T 100	1.35	3.60	3.99		3.99	0.001637	0.36	4.14	19.20	0.23
RAMO A	120	T 200	1.61	3.60	4.03		4.03	0.001700	0.36	5.79	49.90	0.23
RAMO A	120	T 500	1.97	3.60	4.05		4.06	0.001596	0.37	6.95	50.00	0.23
RAMO A	100	T 50	1.11	3.60	3.78	3.78	3.86	0.037007	1.24	0.90	5.71	1.00
RAMO A	100	T 100	1.35	3.60	3.81	3.81	3.90	0.035843	1.31	1.03	5.93	1.00
RAMO A	100	T 200	1.61	3.60	3.83	3.83	3.93	0.034997	1.37	1.17	6.14	1.00
RAMO A	100	T 500	1.97	3.60	3.86	3.86	3.97	0.033609	1.44	1.37	6.43	1.00
RAMO A	80	T 50	1.11	2.79	3.54		3.55	0.000443	0.34	3.25	5.85	0.15
RAMO A	80	T 100	1.35	2.79	3.58		3.59	0.000543	0.39	3.47	6.00	0.16
RAMO A	80	T 200	1.61	2.79	3.62		3.63	0.000642	0.43	3.71	6.16	0.18
RAMO A	80	T 500	1.97	2.79	3.67		3.68	0.000777	0.49	4.01	6.35	0.20
RAMO A	60	T 50	1.11	3.20	3.49		3.52	0.006666	0.79	1.41	5.79	0.51
RAMO A	60	T 100	1.35	3.20	3.52		3.56	0.006998	0.85	1.58	5.98	0.53
RAMO A	60	T 200	1.61	3.20	3.55		3.59	0.007032	0.90	1.78	6.19	0.54
RAMO A	60	T 500	1.97	3.20	3.59		3.64	0.007211	0.97	2.03	6.44	0.55
RAMO A	40	T 50	1.11	3.00	3.19	3.19	3.27	0.029111	1.29	0.86	5.12	1.00
RAMO A	40	T 100	1.35	3.00	3.21	3.21	3.31	0.027978	1.36	0.99	5.27	1.00
RAMO A	40	T 200	1.61	3.00	3.23	3.23	3.34	0.029408	1.47	1.10	5.39	1.04
RAMO A	40	T 500	1.97	3.00	3.27	3.27	3.39	0.026091	1.51	1.30	5.61	1.00
RAMO A	20	T 50	1.11	2.20	2.39	2.39	2.48	0.028650	1.30	0.86	4.97	1.00
RAMO A	20	T 100	1.35	2.20	2.42	2.42	2.51	0.027756	1.37	0.98	5.10	1.00
RAMO A	20	T 200	1.61	2.20	2.44	2.44	2.55	0.026926	1.45	1.11	5.22	1.00
RAMO A	20	T 500	1.97	2.20	2.47	2.47	2.59	0.026269	1.54	1.28	5.39	1.01

IL BACINO CALA SABINA

Cala_Sab_corretto Plan: Plan 02

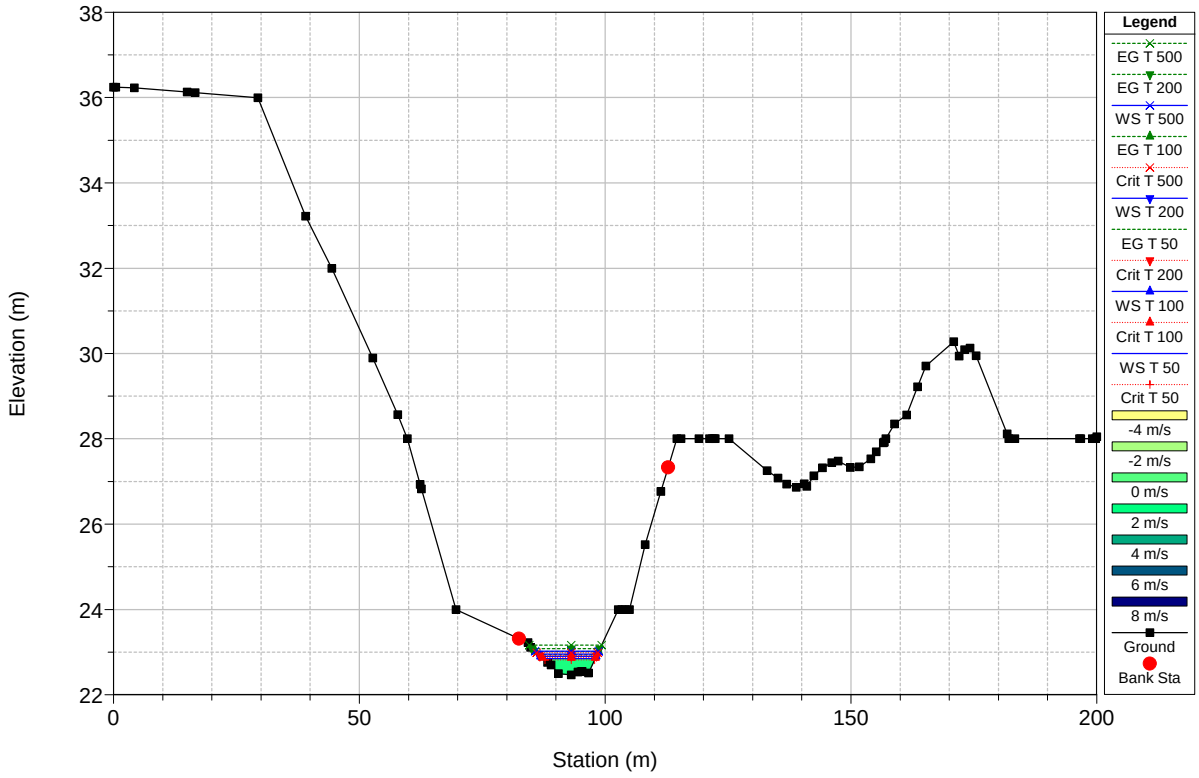
Geom: si Flow: Flow 01



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

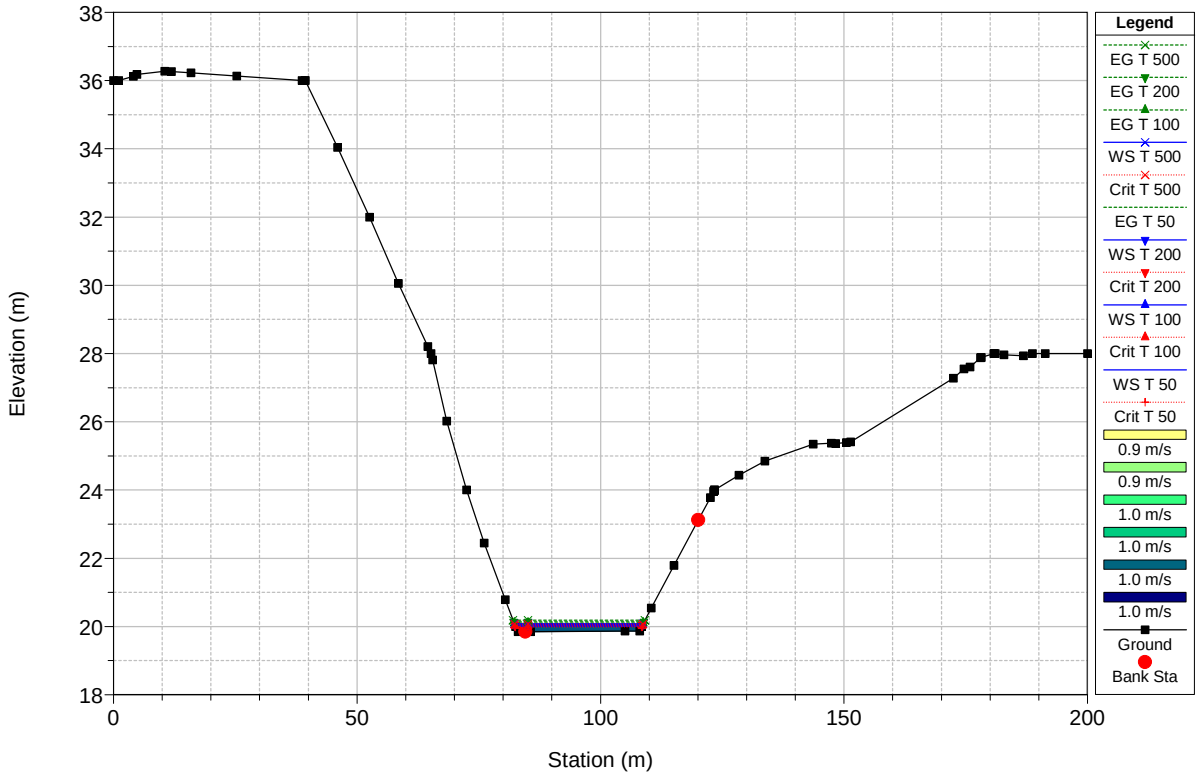
River = Cala Sabona Reach = trcprc RS = 850



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

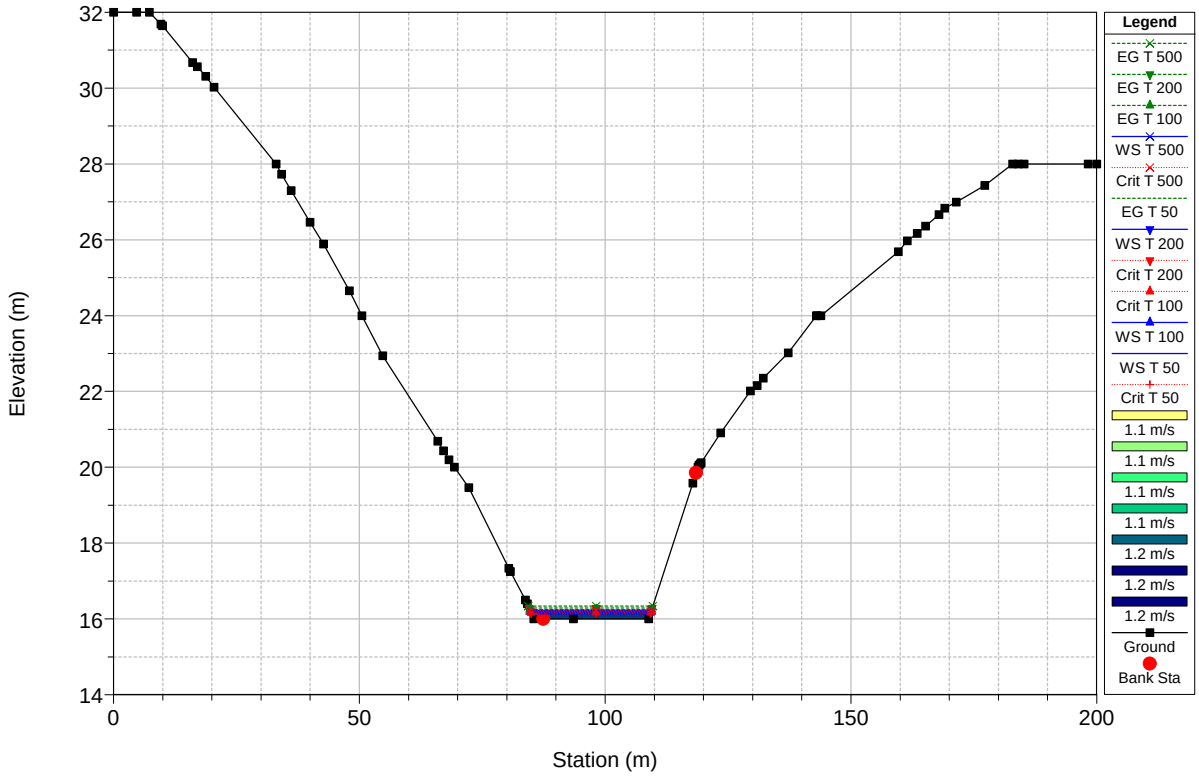
River = Cala Sabona Reach = trcprc RS = 800



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

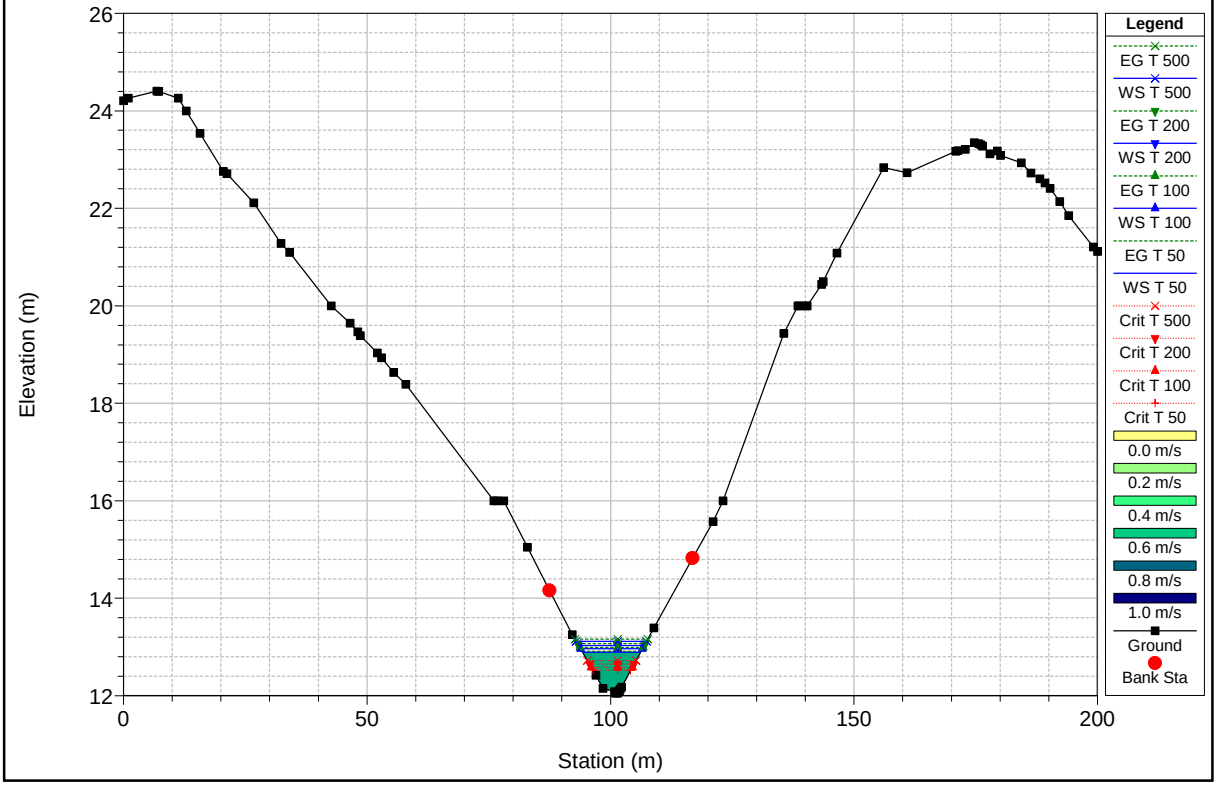
River = Cala Sabona Reach = trcprc RS = 750



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

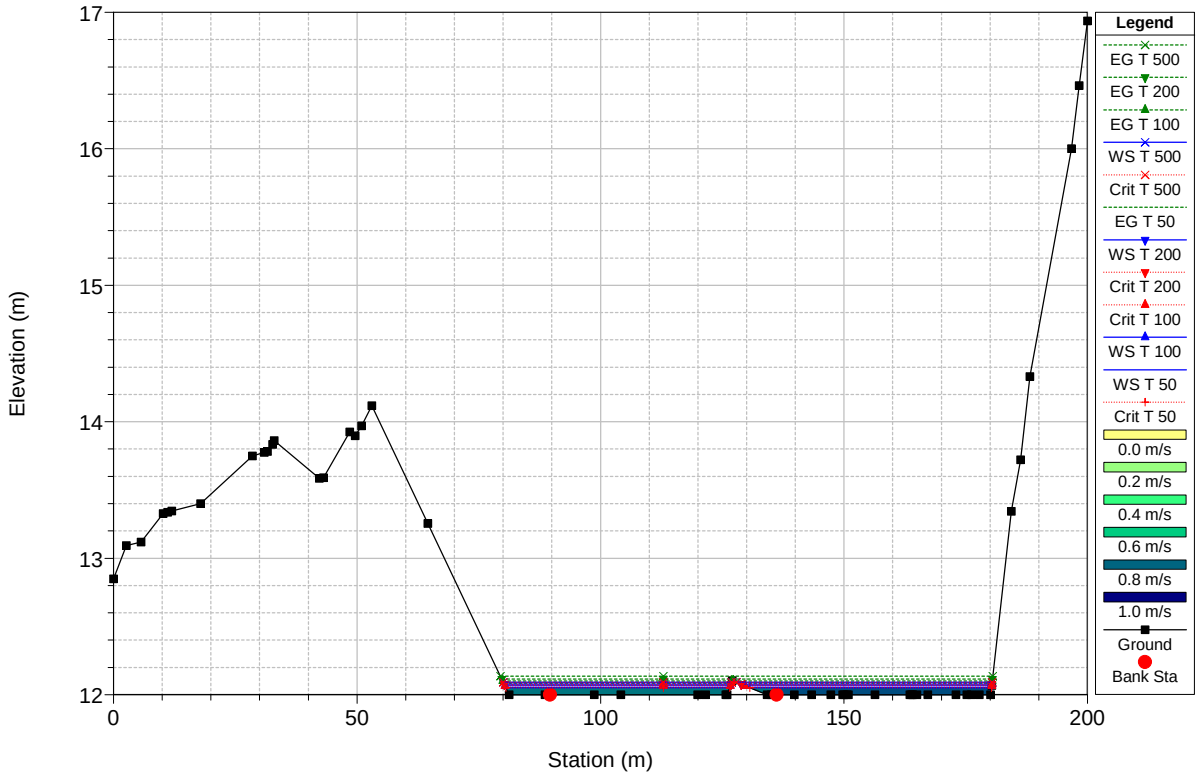
River = Cala Sabona Reach = trcprc RS = 700



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

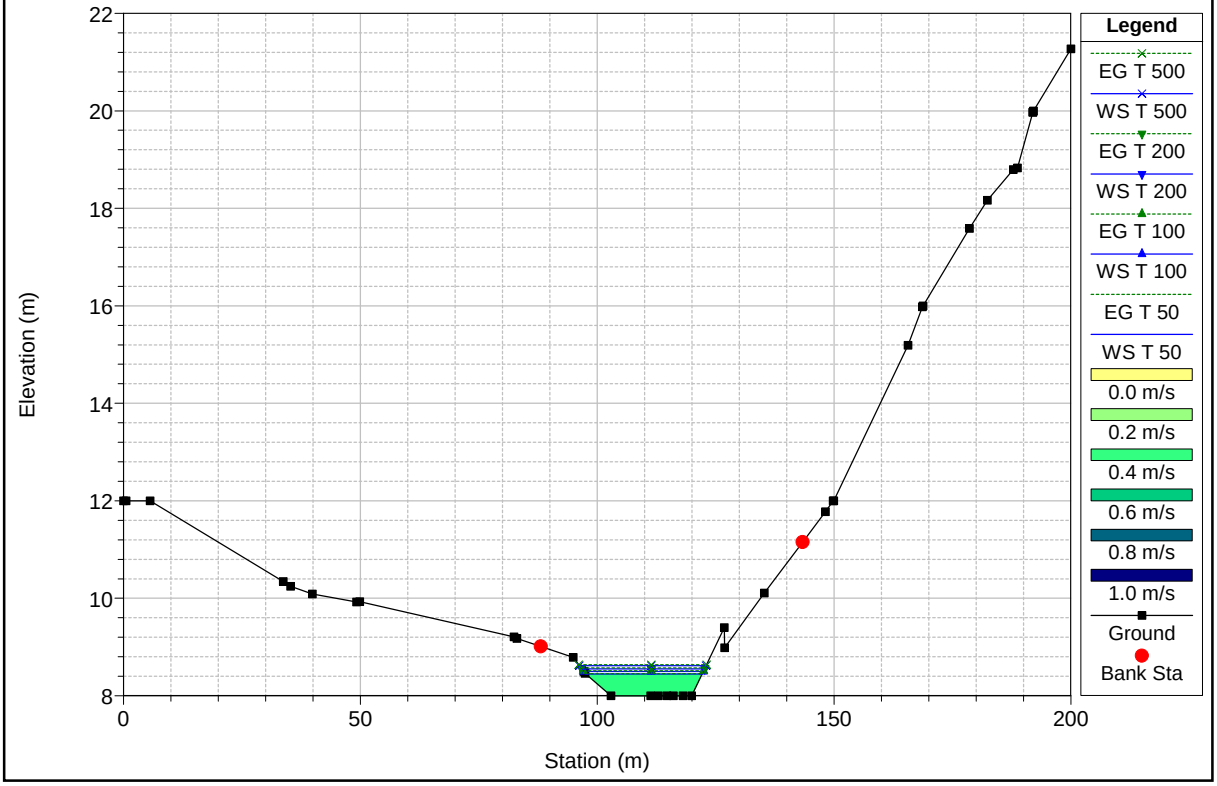
River = Cala Sabona Reach = trcprc RS = 650



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

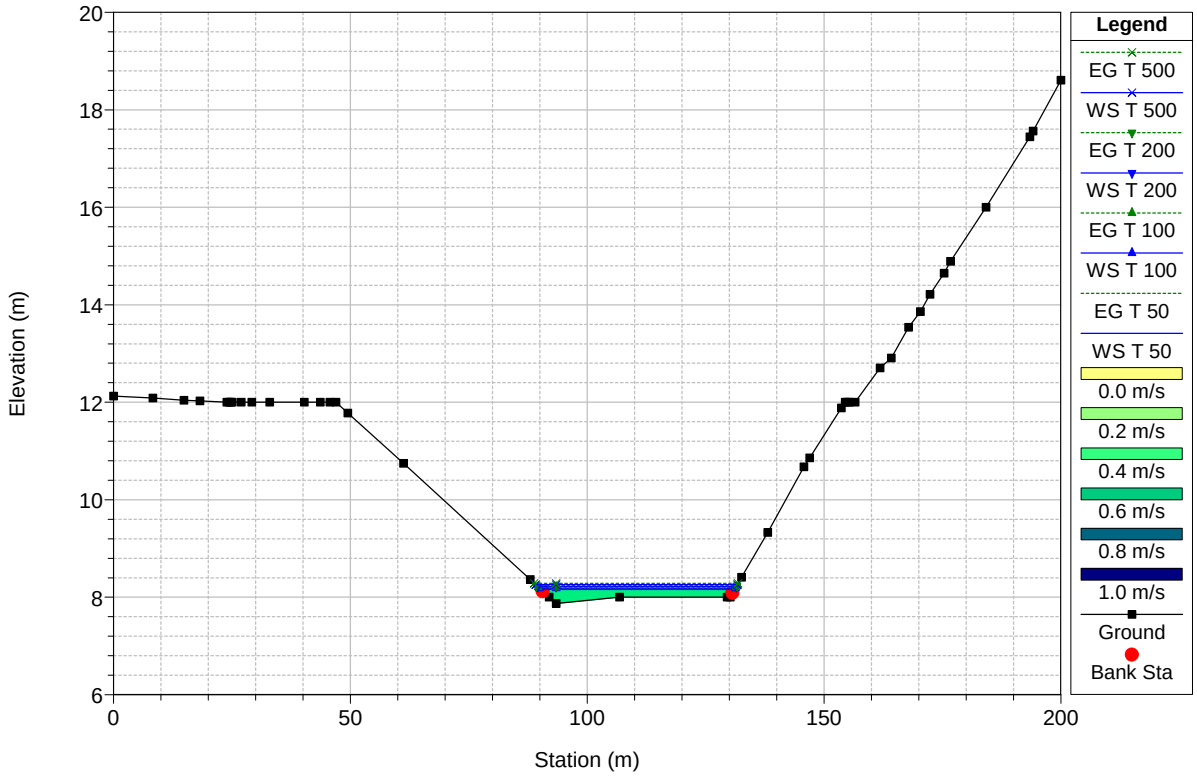
River = Cala Sabona Reach = trcprc RS = 600



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

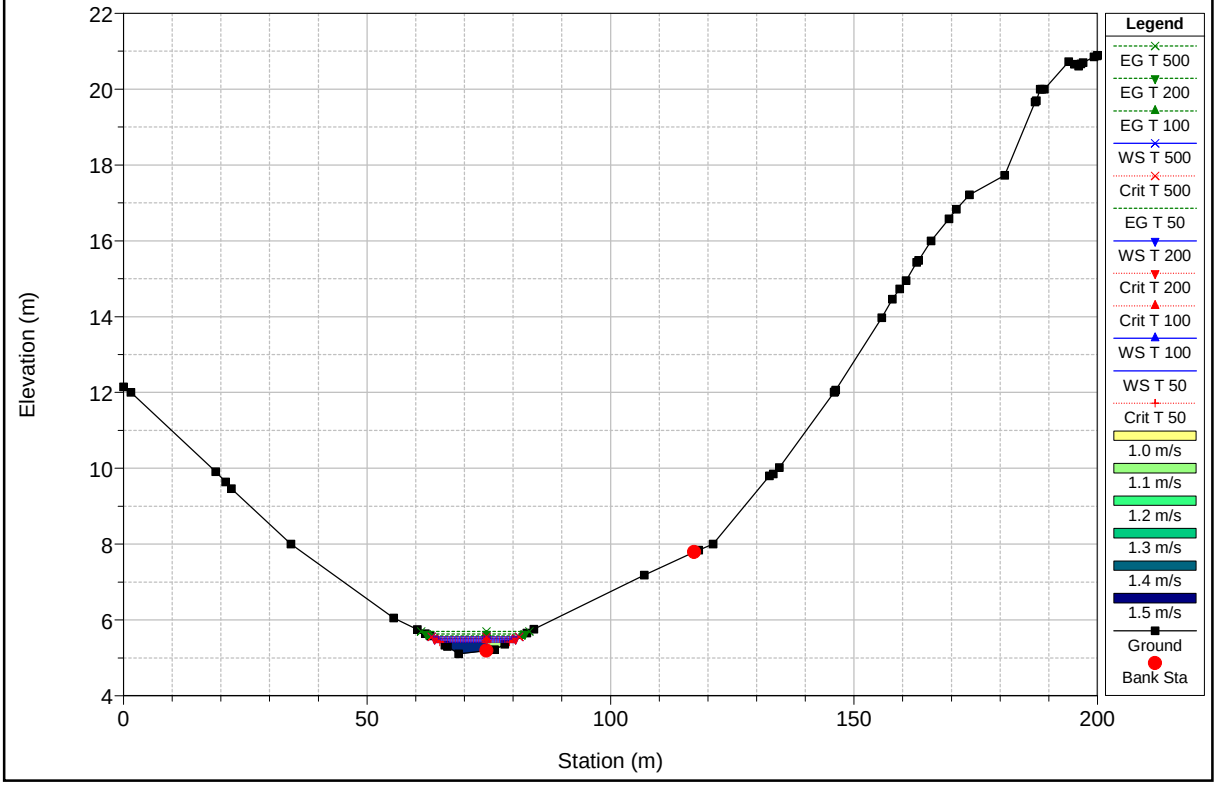
River = Cala Sabona Reach = trcprc RS = 550



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

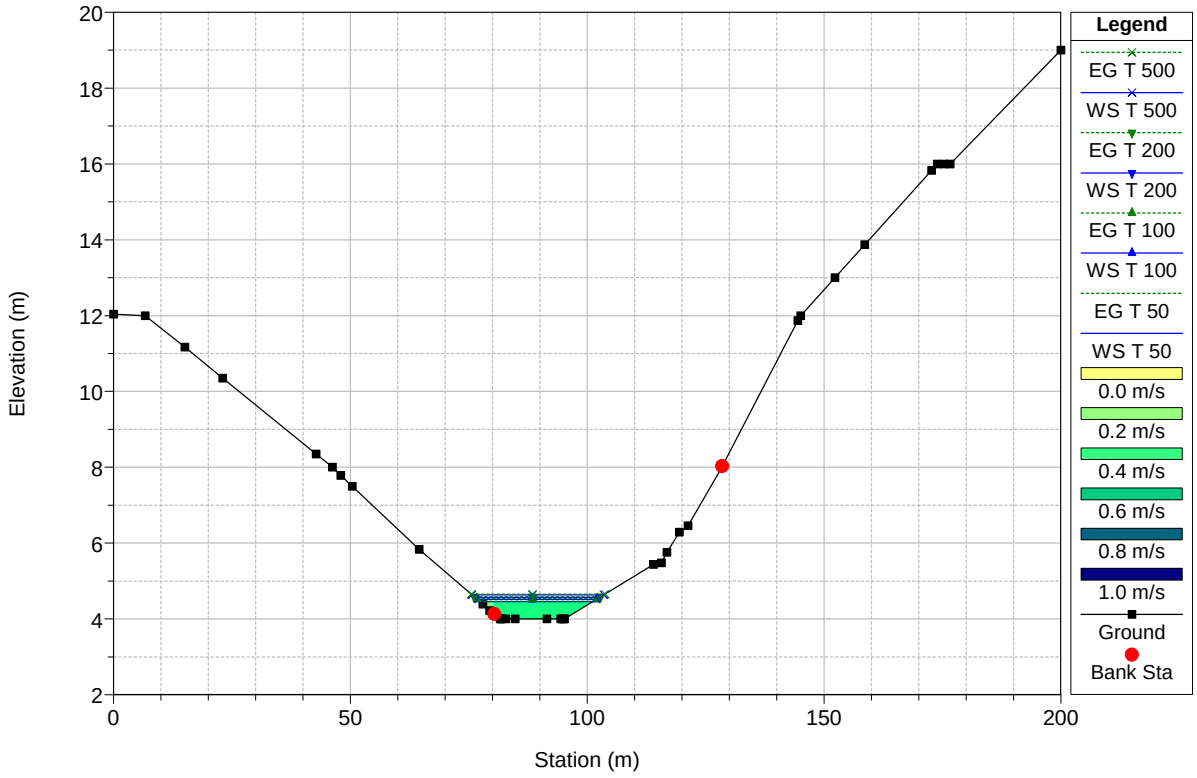
River = Cala Sabona Reach = trcprc RS = 450



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

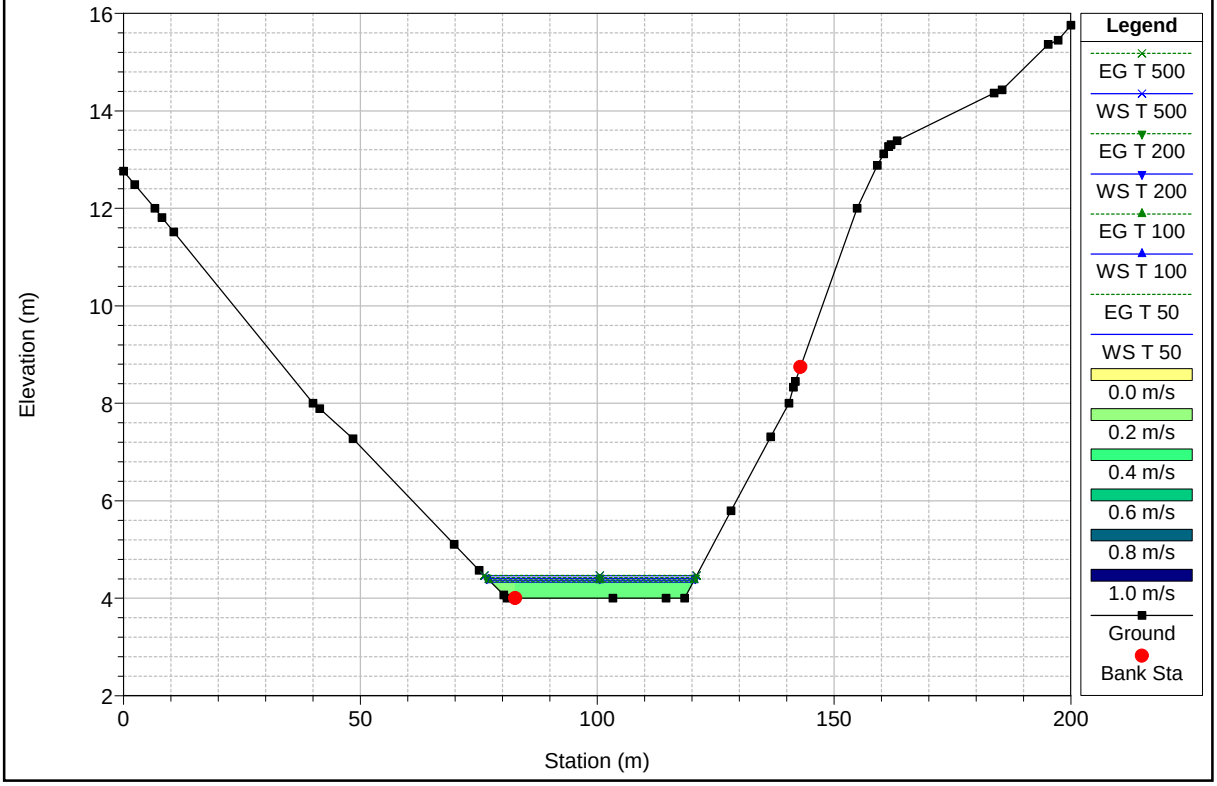
River = Cala Sabona Reach = trcprc RS = 400



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

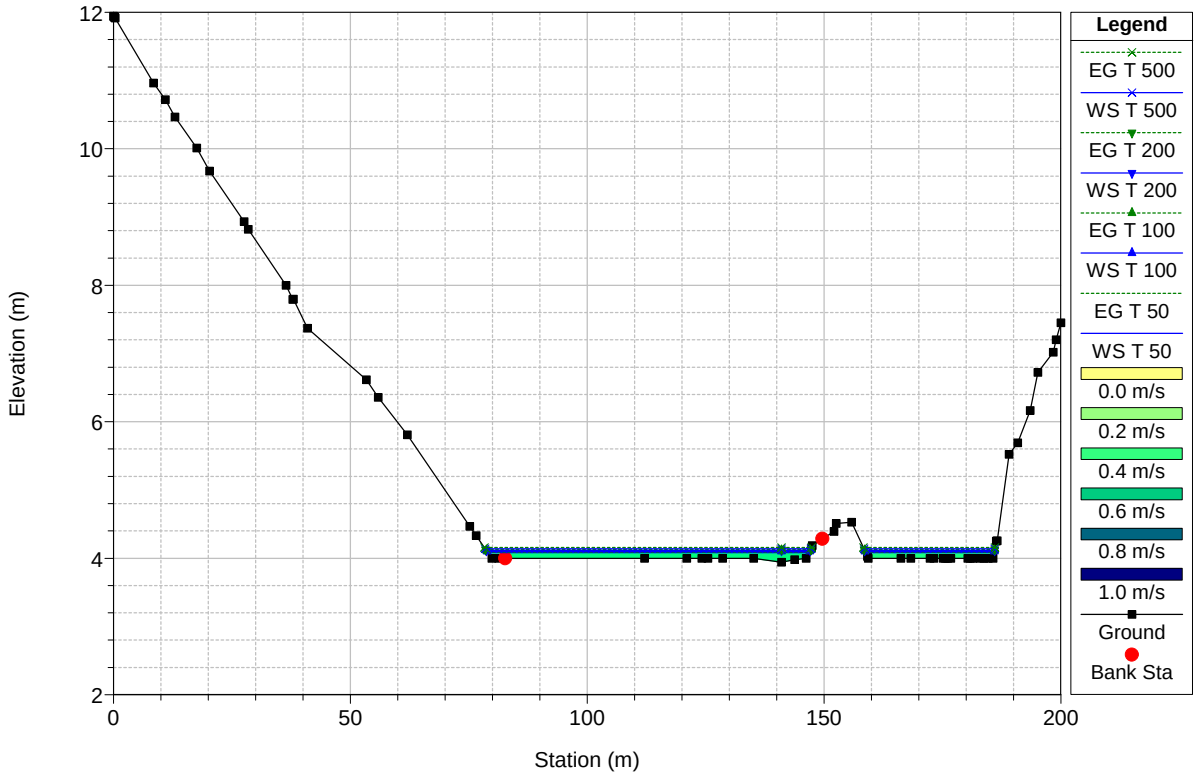
River = Cala Sabona Reach = trcprc RS = 350



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

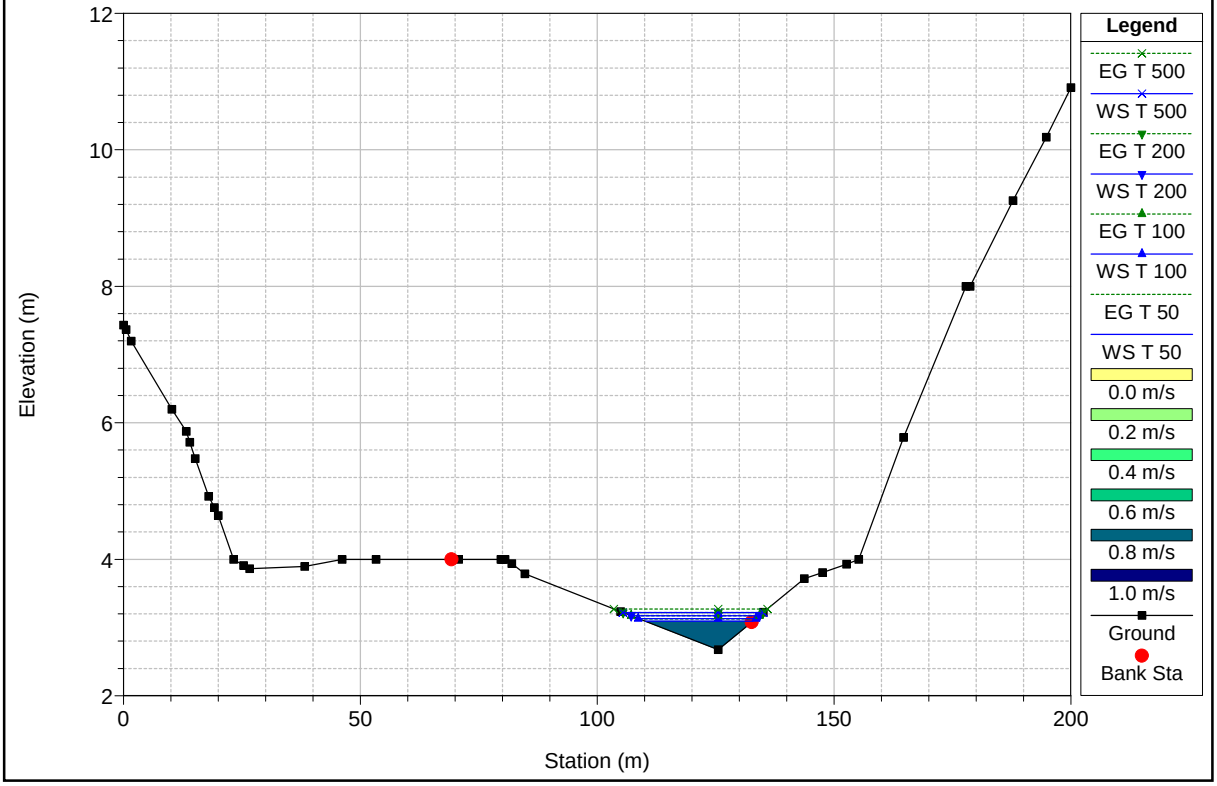
River = Cala Sabona Reach = trcprc RS = 300



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

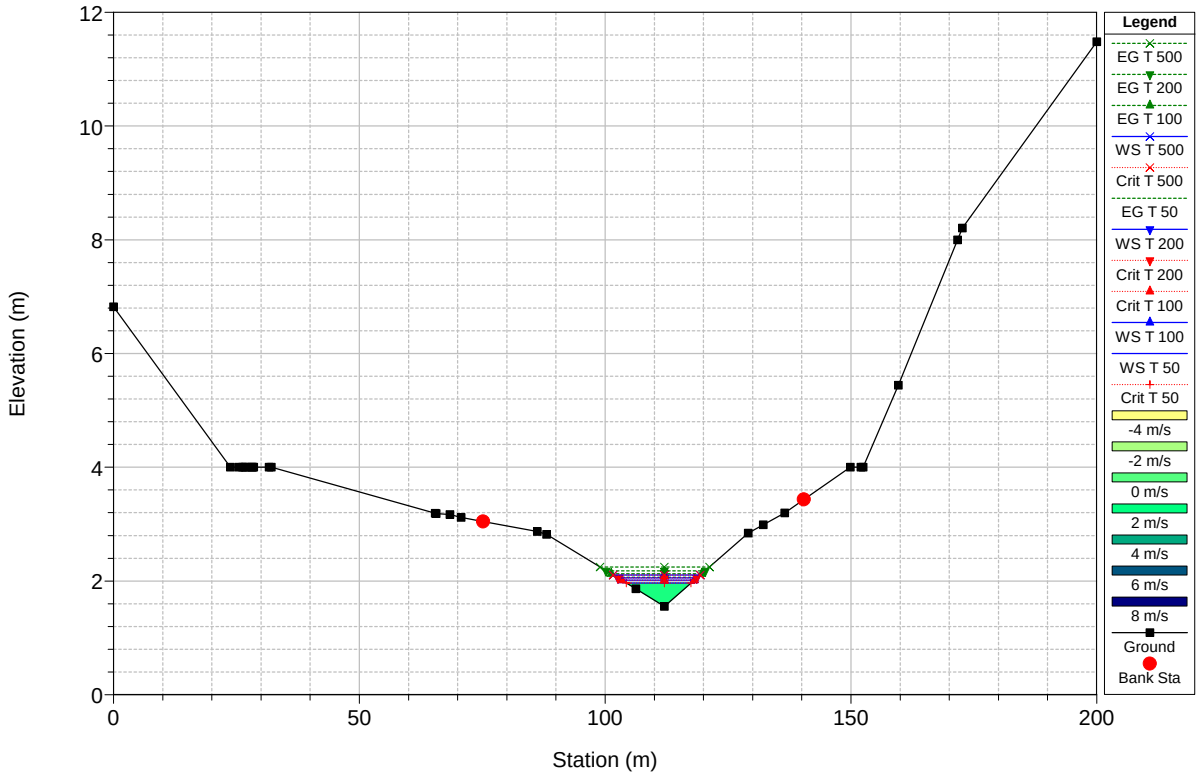
River = Cala Sabona Reach = trcprc RS = 250



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

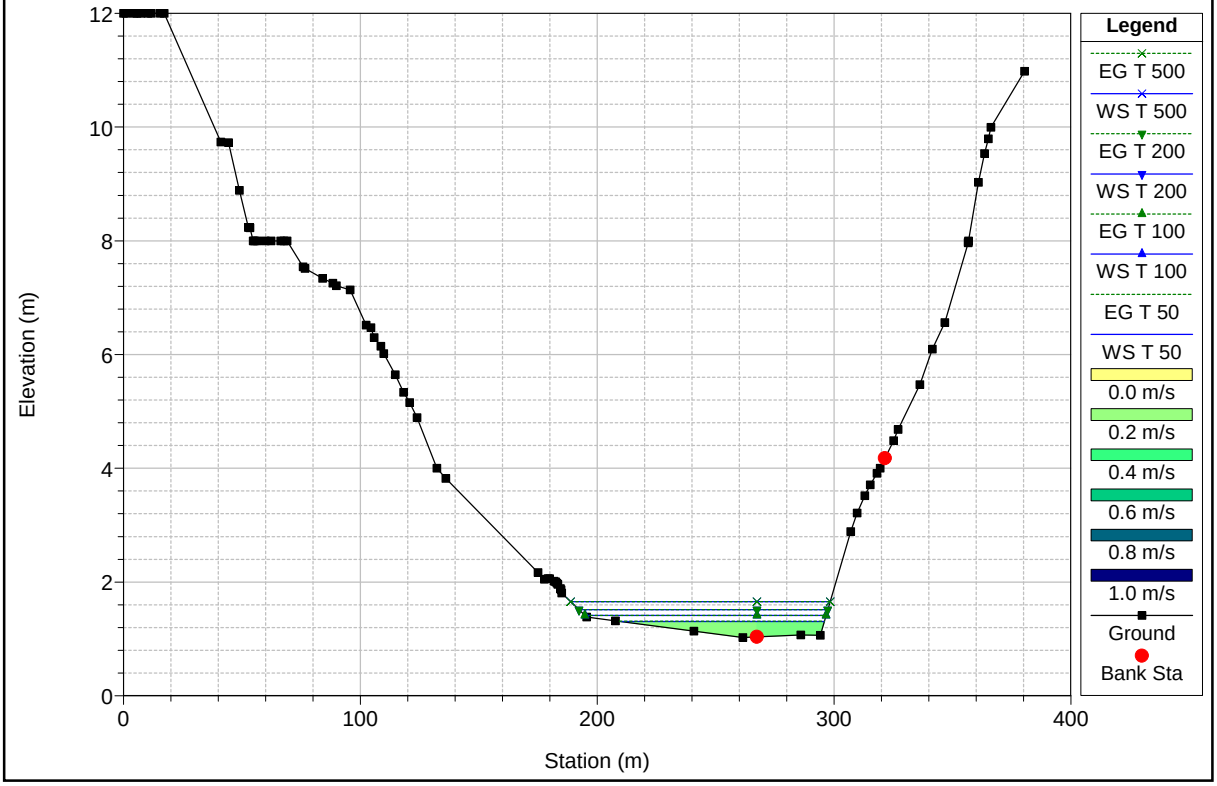
River = Cala Sabona Reach = trcprc RS = 200



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

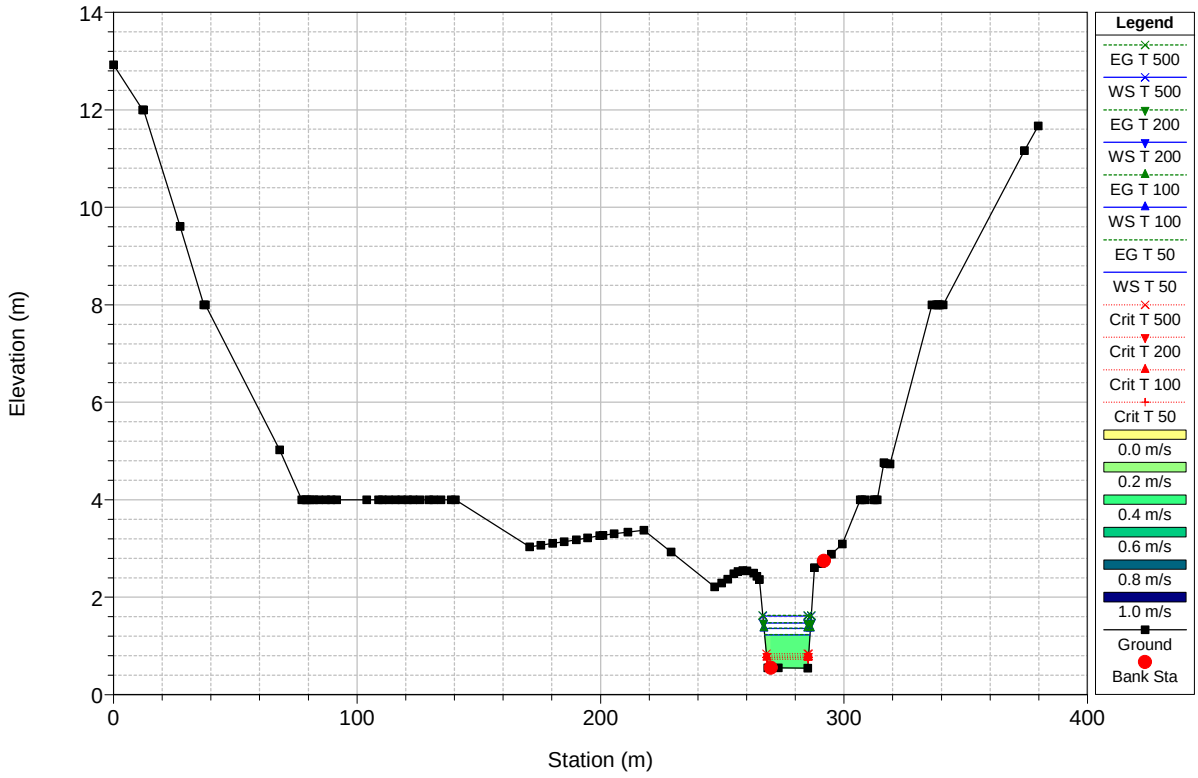
River = Cala Sabona Reach = trcprc RS = 150



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

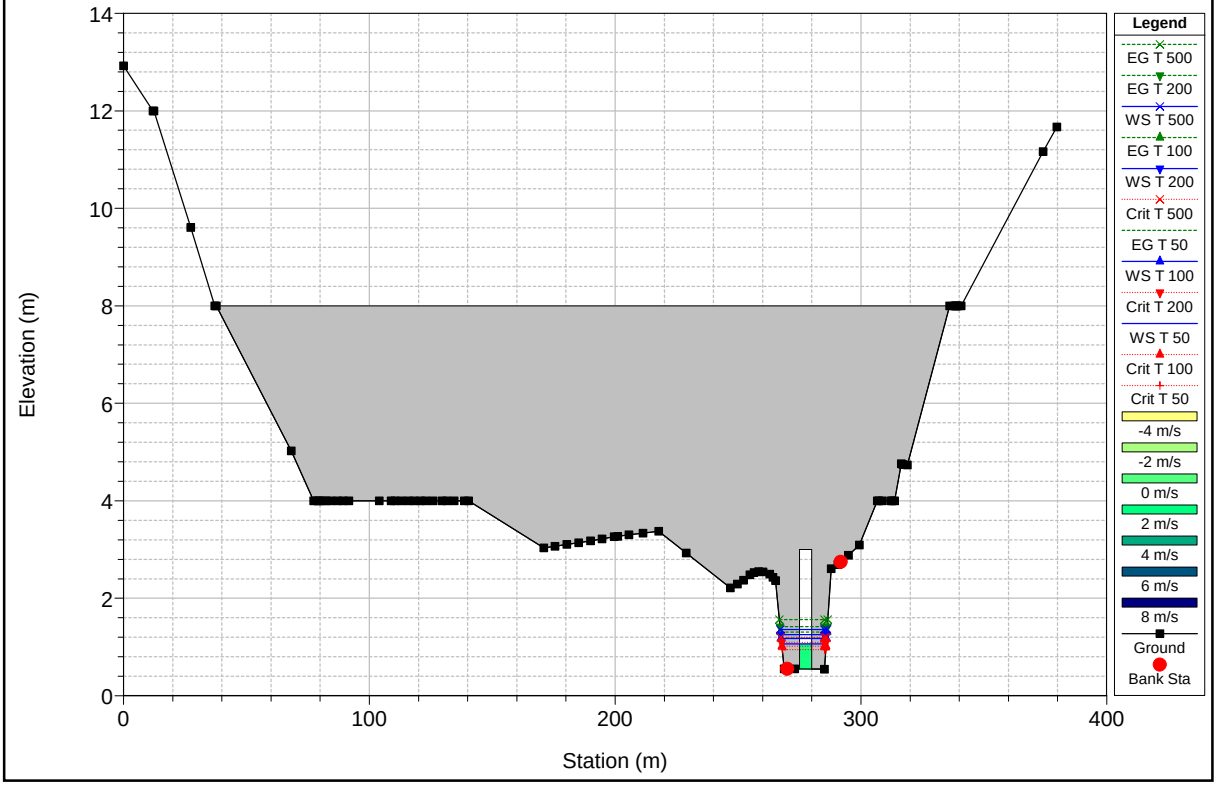
River = Cala Sabona Reach = trcprc RS = 98



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

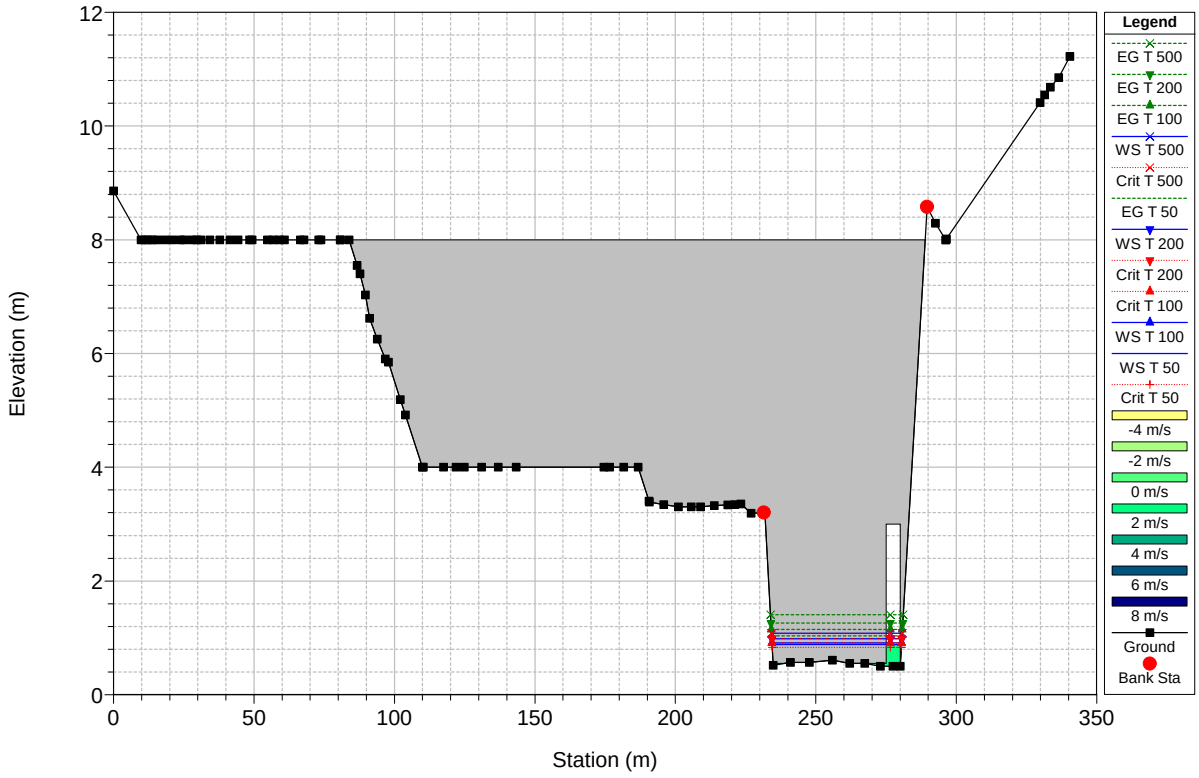
River = Cala Sabona Reach = trcprc RS = 81 BR



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

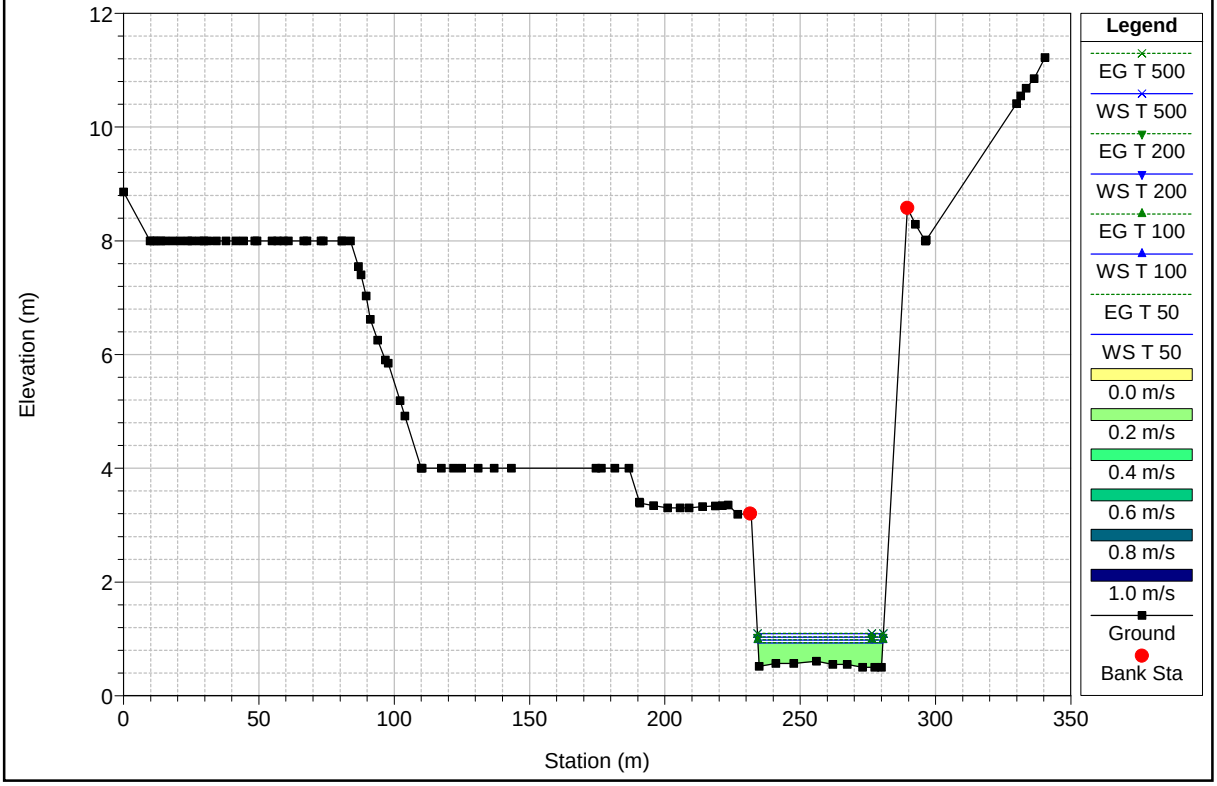
River = Cala Sabona Reach = trcprc RS = 81 BR



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

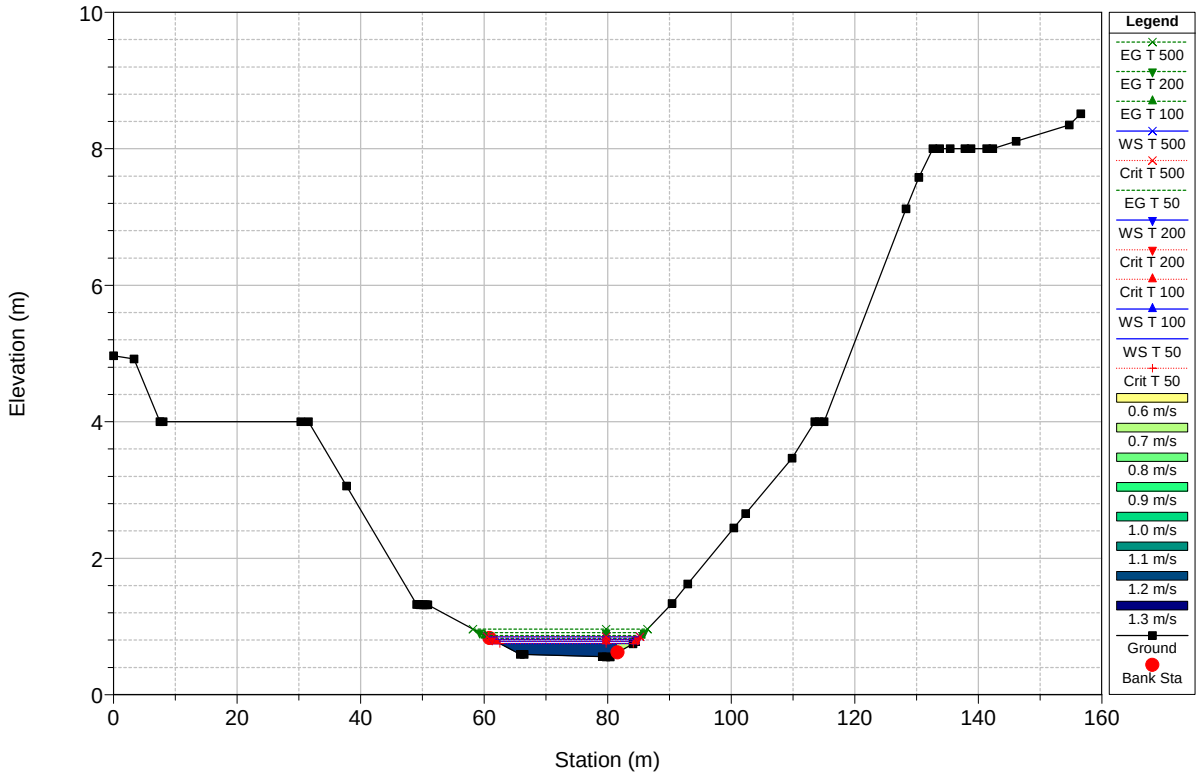
River = Cala Sabona Reach = trcprc RS = 51



Cala_Sab_corretto Plan: Plan 02

Geom: si Flow: Flow 01

River = Cala Sabona Reach = trcprc RS = 11



HEC-RAS Plan: Plan 01 River: Cala Sabona 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	1200	T 50	3.86	56.98	57.38	57.38	57.50	0.078094	1.51	2.56	10.97	1.00
trcprc	1200	T 100	5.06	56.98	57.43	57.43	57.56	0.076880	1.65	3.07	11.34	1.01
trcprc	1200	T 200	6.33	56.98	57.48	57.48	57.63	0.071001	1.74	3.64	11.75	1.00
trcprc	1200	T 500	8.12	56.98	57.53	57.53	57.71	0.070041	1.88	4.32	12.21	1.01
trcprc	1150	T 50	3.86	52.00	52.18	52.17	52.25	0.069479	1.18	3.29	18.88	0.90
trcprc	1150	T 100	5.06	52.00	52.21	52.20	52.30	0.073177	1.33	3.83	19.04	0.94
trcprc	1150	T 200	6.33	52.00	52.23	52.23	52.34	0.076704	1.47	4.33	19.18	0.98
trcprc	1150	T 500	8.12	52.00	52.27	52.27	52.40	0.075330	1.61	5.08	19.39	1.00
trcprc	1100	T 50	3.86	47.89	48.13	48.13	48.20	0.095581	1.17	3.31	24.42	1.01
trcprc	1100	T 100	5.06	47.89	48.15	48.15	48.24	0.089861	1.27	3.99	24.66	1.01
trcprc	1100	T 200	6.33	47.89	48.18	48.18	48.28	0.085736	1.36	4.64	24.90	1.01
trcprc	1100	T 500	8.12	47.89	48.22	48.22	48.33	0.081304	1.48	5.50	25.20	1.01
trcprc	1050	T 50	3.86	41.62	41.98	41.98	42.08	0.083215	1.35	2.86	15.19	0.99
trcprc	1050	T 100	5.06	41.62	42.02	42.02	42.13	0.084025	1.49	3.39	15.60	1.02
trcprc	1050	T 200	6.33	41.62	42.06	42.06	42.19	0.076052	1.57	4.04	16.09	1.00
trcprc	1050	T 500	8.12	41.62	42.11	42.11	42.25	0.072593	1.67	4.86	16.94	1.00
trcprc	850	T 50	3.86	22.47	22.84	22.81	22.94	0.054995	1.38	2.80	10.52	0.85
trcprc	850	T 100	5.06	22.47	22.90	22.87	23.01	0.053249	1.48	3.42	11.32	0.86
trcprc	850	T 200	6.33	22.47	22.95	22.92	23.08	0.052427	1.57	4.03	12.05	0.87
trcprc	850	T 500	8.12	22.47	23.02	22.98	23.16	0.051581	1.68	4.84	12.96	0.87
trcprc	800	T 50	3.86	19.85	20.01	19.99	20.06	0.062004	1.00	3.87	25.96	0.83
trcprc	800	T 100	5.06	19.85	20.03	20.02	20.10	0.065583	1.14	4.48	26.11	0.87
trcprc	800	T 200	6.33	19.85	20.06	20.04	20.13	0.067758	1.25	5.09	26.26	0.90
trcprc	800	T 500	8.12	19.85	20.08	20.08	20.18	0.070956	1.40	5.84	26.44	0.95
trcprc	750	T 50	3.86	16.00	16.14	16.14	16.21	0.093408	1.17	3.32	24.18	1.00
trcprc	750	T 100	5.06	16.00	16.17	16.17	16.25	0.087630	1.28	3.99	24.34	1.00
trcprc	750	T 200	6.33	16.00	16.19	16.19	16.29	0.083524	1.37	4.65	24.49	1.00
trcprc	750	T 500	8.12	16.00	16.23	16.23	16.34	0.080059	1.49	5.48	24.69	1.01
trcprc	700	T 50	3.86	12.05	12.89	12.52	12.91	0.005530	0.66	5.86	11.88	0.30
trcprc	700	T 100	5.06	12.05	12.96	12.59	12.99	0.006503	0.75	6.75	12.69	0.33
trcprc	700	T 200	6.33	12.05	13.03	12.65	13.07	0.007186	0.82	7.68	13.50	0.35
trcprc	700	T 500	8.12	12.05	13.12	12.72	13.16	0.008079	0.92	8.84	14.45	0.37
trcprc	650	T 50	3.86	12.00	12.05	12.05	12.08	0.159890	0.77	4.79	95.57	1.11
trcprc	650	T 100	5.06	12.00	12.07	12.07	12.10	0.116236	0.77	6.23	97.00	0.98
trcprc	650	T 200	6.33	12.00	12.08	12.08	12.12	0.110422	0.82	7.27	98.02	0.98
trcprc	650	T 500	8.12	12.00	12.09	12.09	12.14	0.101614	0.88	8.70	99.40	0.97
trcprc	600	T 50	3.86	8.00	8.44		8.45	0.003160	0.42	9.23	24.53	0.22
trcprc	600	T 100	5.06	8.00	8.50		8.51	0.003520	0.48	10.65	25.29	0.23
trcprc	600	T 200	6.33	8.00	8.55		8.57	0.003819	0.53	12.01	25.96	0.25
trcprc	600	T 500	8.12	8.00	8.62		8.64	0.004229	0.59	13.70	26.77	0.26
trcprc	550	T 50	3.86	7.87	8.16		8.17	0.013779	0.53	7.24	40.91	0.40
trcprc	550	T 100	5.06	7.87	8.19		8.21	0.014028	0.60	8.49	41.42	0.42
trcprc	550	T 200	6.33	7.87	8.22		8.24	0.013993	0.65	9.75	41.93	0.43
trcprc	550	T 500	8.12	7.87	8.26		8.28	0.013923	0.72	11.38	42.59	0.43
trcprc	450	T 50	3.86	5.19	5.42	5.42	5.52	0.076902	1.07	2.82	14.31	0.91
trcprc	450	T 100	5.06	5.19	5.47	5.47	5.58	0.072399	1.16	3.49	15.55	0.91
trcprc	450	T 200	6.33	5.19	5.51	5.51	5.63	0.070747	1.24	4.14	16.66	0.92
trcprc	450	T 500	8.12	5.19	5.55	5.55	5.70	0.070147	1.35	4.97	17.99	0.93
trcprc	400	T 50	3.86	4.00	4.46		4.47	0.003635	0.46	8.62	23.87	0.24
trcprc	400	T 100	5.06	4.00	4.52		4.53	0.004041	0.52	10.02	25.16	0.25
trcprc	400	T 200	6.33	4.00	4.57		4.59	0.004377	0.57	11.39	26.35	0.27
trcprc	400	T 500	8.12	4.00	4.63		4.65	0.004789	0.64	13.15	27.80	0.28
trcprc	350	T 50	3.86	4.00	4.33		4.34	0.001899	0.29	13.37	42.72	0.16
trcprc	350	T 100	5.06	4.00	4.37		4.38	0.002277	0.35	14.97	43.31	0.18
trcprc	350	T 200	6.33	4.00	4.41		4.42	0.002460	0.38	16.83	43.97	0.19
trcprc	350	T 500	8.12	4.00	4.46		4.47	0.002783	0.44	18.94	44.72	0.21
trcprc	300	T 50	3.86	3.94	4.08		4.09	0.028587	0.50	7.94	94.89	0.55
trcprc	300	T 100	5.06	3.94	4.10		4.11	0.025280	0.54	9.72	95.39	0.53
trcprc	300	T 200	6.33	3.94	4.12		4.13	0.024854	0.59	11.19	95.80	0.54
trcprc	300	T 500	8.12	3.94	4.14		4.16	0.022660	0.63	13.39	96.42	0.53
trcprc	250	T 50	3.86	2.67	3.09		3.13	0.013344	0.82	4.73	22.63	0.57
trcprc	250	T 100	5.06	2.67	3.13		3.17	0.013553	0.89	5.70	24.85	0.58
trcprc	250	T 200	6.33	2.67	3.17		3.22	0.013272	0.94	6.76	27.06	0.59
trcprc	250	T 500	8.12	2.67	3.22		3.27	0.013326	1.01	8.11	29.64	0.60
trcprc	200	T 50	3.86	1.55	1.96	1.96	2.07	0.038228	1.43	2.70	13.18	1.01
trcprc	200	T 100	5.06	1.55	2.01	2.01	2.13	0.035676	1.49	3.39	14.77	0.99
trcprc	200	T 200	6.33	1.55	2.05	2.05	2.18	0.036343	1.59	3.99	16.03	1.01

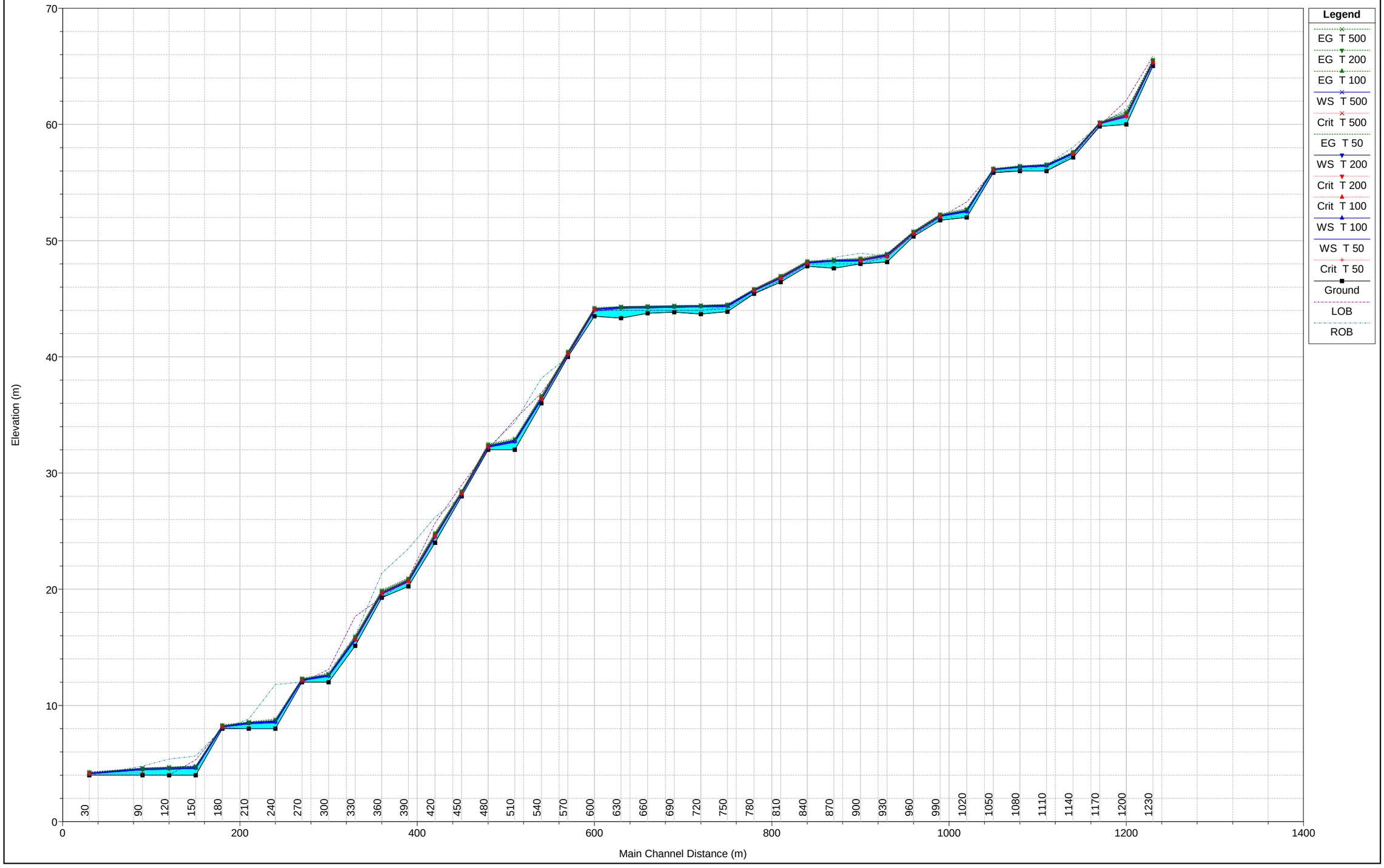
HEC-RAS Plan: Plan 01 River: Cala Sabona Reach: trcprc (Continued)

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	200	T 500	8.12	1.55	2.11	2.11	2.25	0.035264	1.66	4.89	17.74	1.01
trcprc	150	T 50	3.86	1.04	1.31		1.31	0.002342	0.27	15.79	86.04	0.17
trcprc	150	T 100	5.06	1.04	1.41		1.41	0.000971	0.22	25.85	101.82	0.12
trcprc	150	T 200	6.33	1.04	1.51		1.51	0.000542	0.19	36.36	105.05	0.09
trcprc	150	T 500	8.12	1.04	1.65		1.65	0.000308	0.17	51.29	109.47	0.07
trcprc	98	T 50	3.86	0.55	1.23	0.73	1.24	0.000945	0.33	11.93	18.64	0.13
trcprc	98	T 100	5.06	0.55	1.36	0.76	1.36	0.000911	0.36	14.32	19.05	0.13
trcprc	98	T 200	6.33	0.55	1.47	0.79	1.48	0.000912	0.39	16.52	19.43	0.13
trcprc	98	T 500	8.12	0.55	1.62	0.84	1.63	0.000906	0.43	19.42	19.92	0.14
trcprc	81		Bridge									
trcprc	51	T 50	3.86	0.50	0.93		0.93	0.000787	0.22	17.19	46.12	0.12
trcprc	51	T 100	5.06	0.50	0.98		0.98	0.000888	0.26	19.53	46.24	0.13
trcprc	51	T 200	6.33	0.50	1.03		1.03	0.000961	0.29	21.83	46.35	0.13
trcprc	51	T 500	8.12	0.50	1.09		1.10	0.001051	0.33	24.71	46.49	0.14
trcprc	11	T 50	3.86	0.55	0.75	0.75	0.83	0.039464	1.22	3.23	21.60	0.97
trcprc	11	T 100	5.06	0.55	0.78	0.78	0.87	0.038019	1.32	3.92	22.61	0.98
trcprc	11	T 200	6.33	0.55	0.81	0.81	0.91	0.036255	1.40	4.63	23.58	0.98
trcprc	11	T 500	8.12	0.55	0.85	0.85	0.96	0.034711	1.51	5.53	24.74	0.98

IL BACINO F2.05

GPCHECRAS Plan: Plan 02

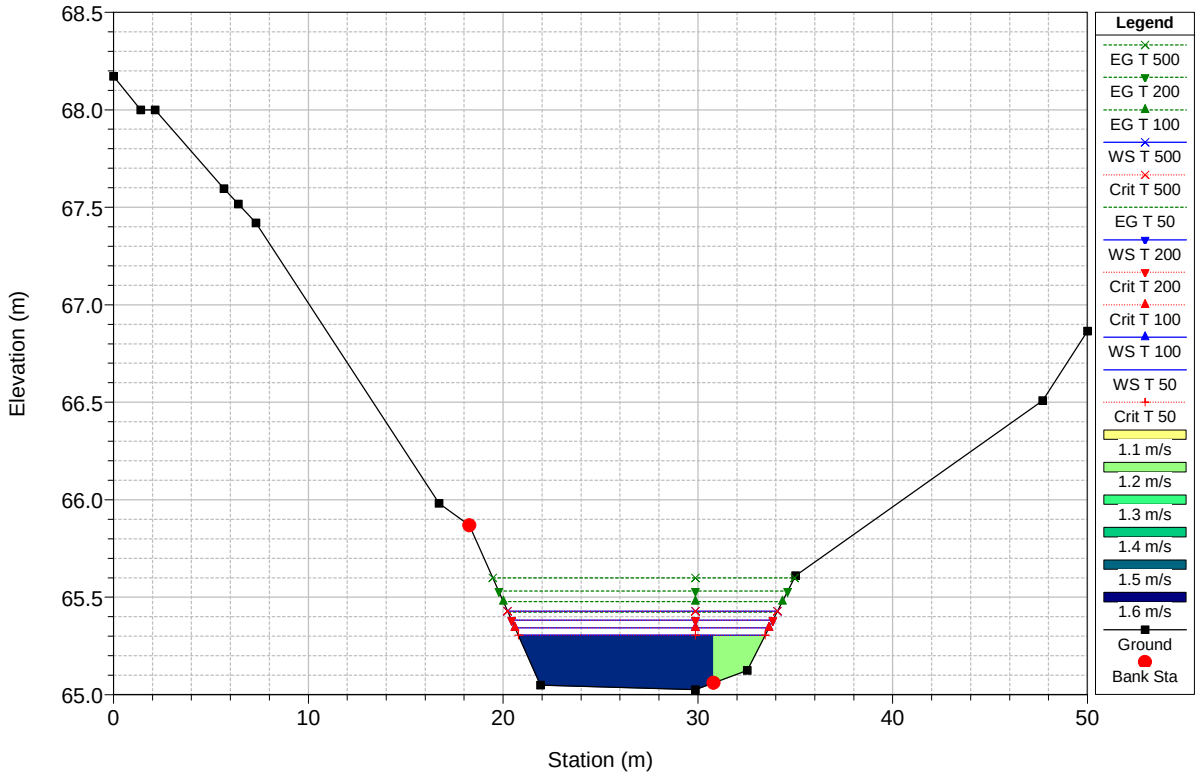
Geom: SI Flow: Flow 01



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

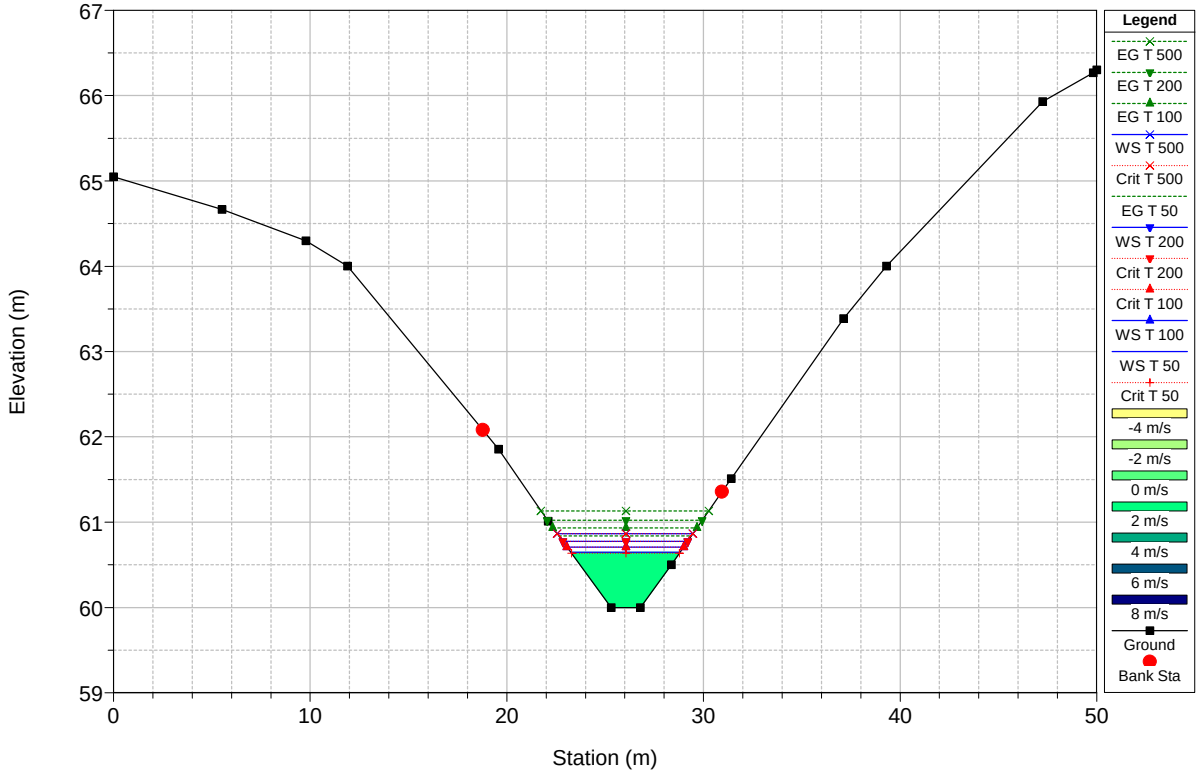
River = F2_5 Reach = RAMO A RS = 1230



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

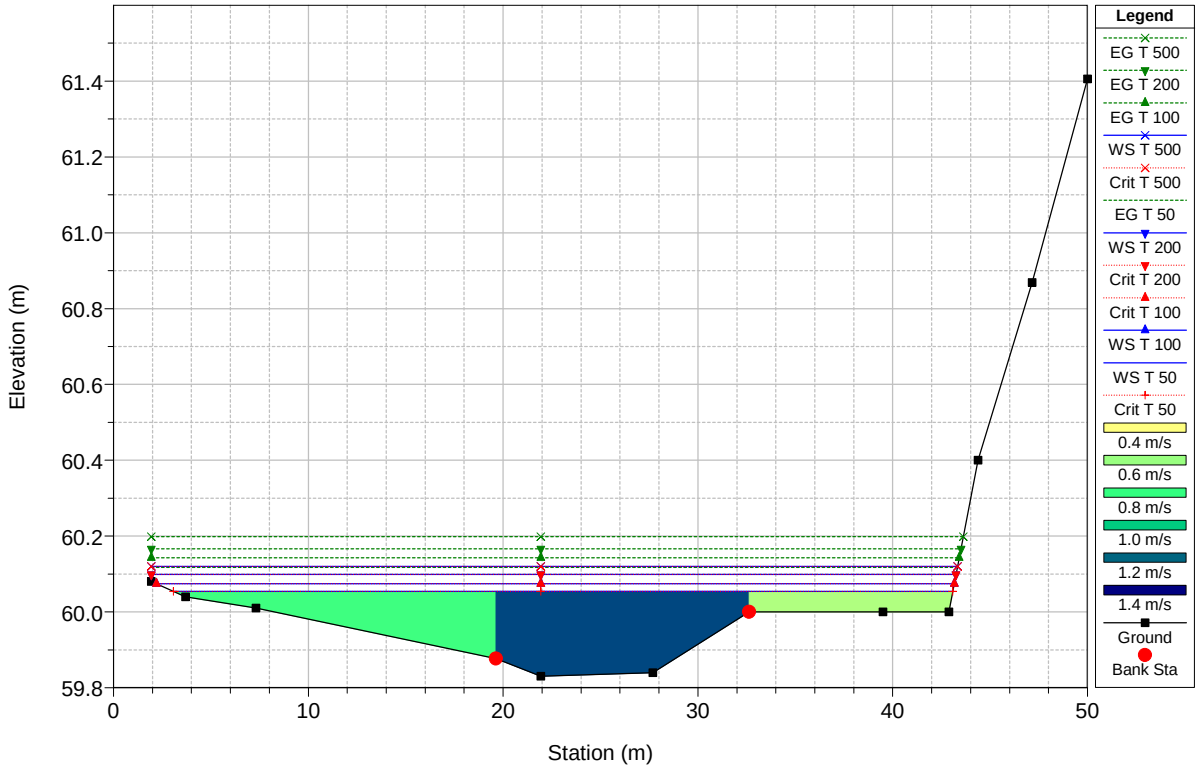
River = F2_5 Reach = RAMO A RS = 1200



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

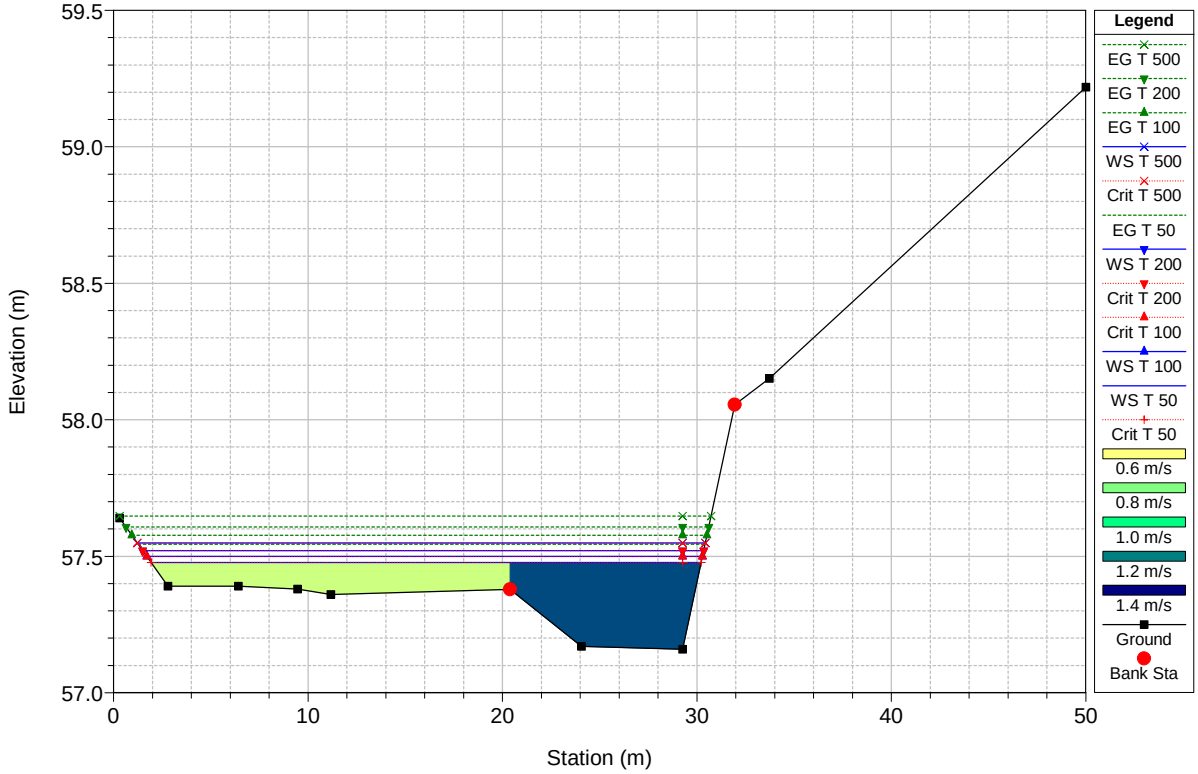
River = F2_5 Reach = RAMO A RS = 1170



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

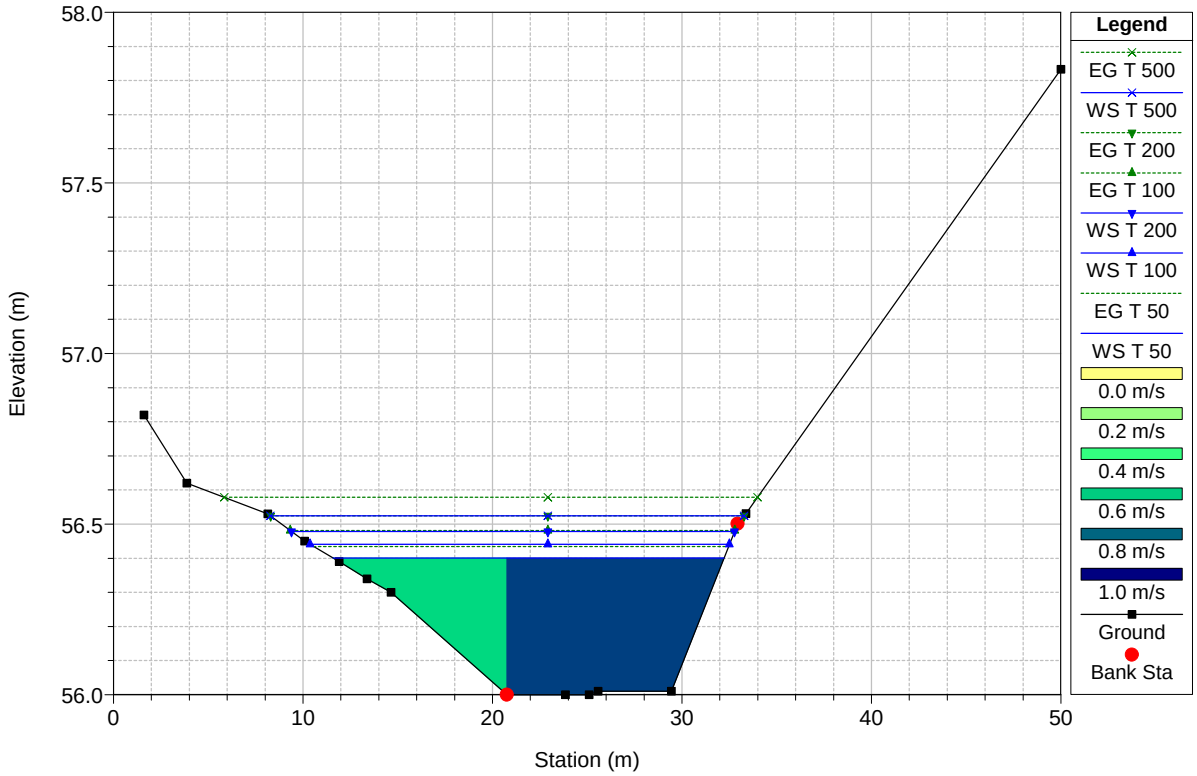
River = F2_5 Reach = RAMO A RS = 1140



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

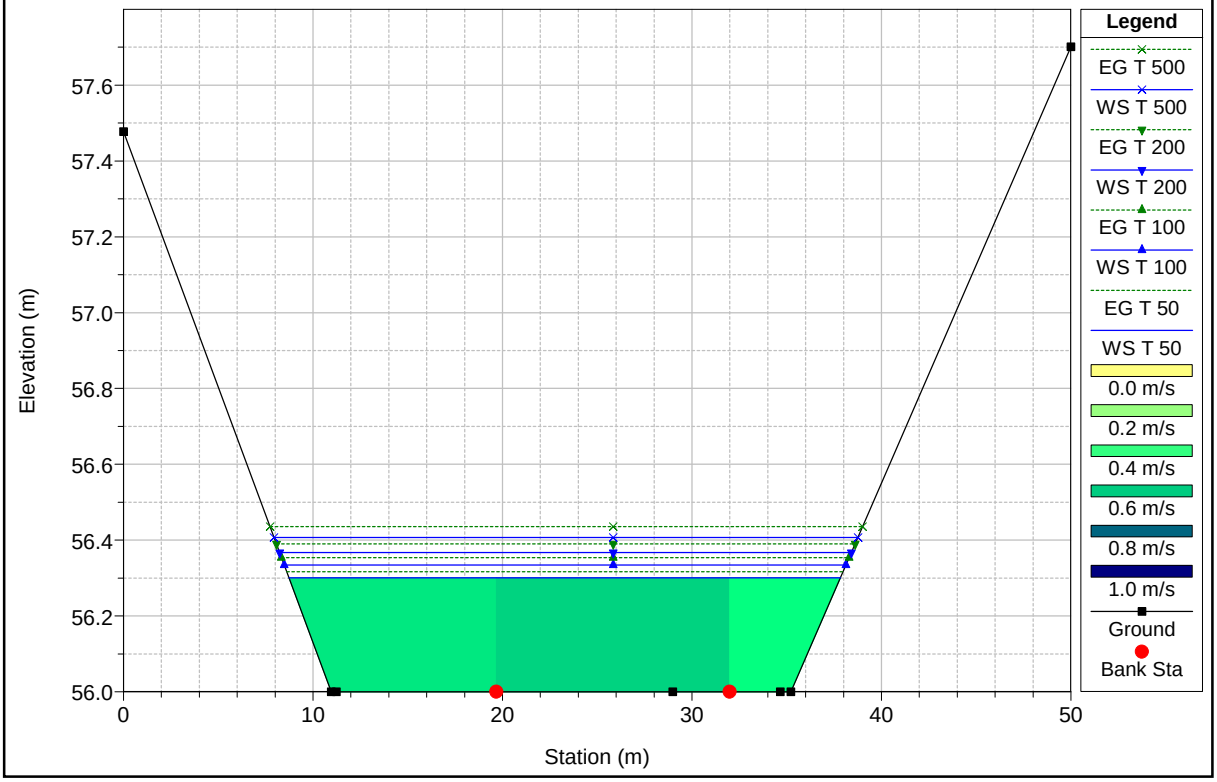
River = F2_5 Reach = RAMO A RS = 1110



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

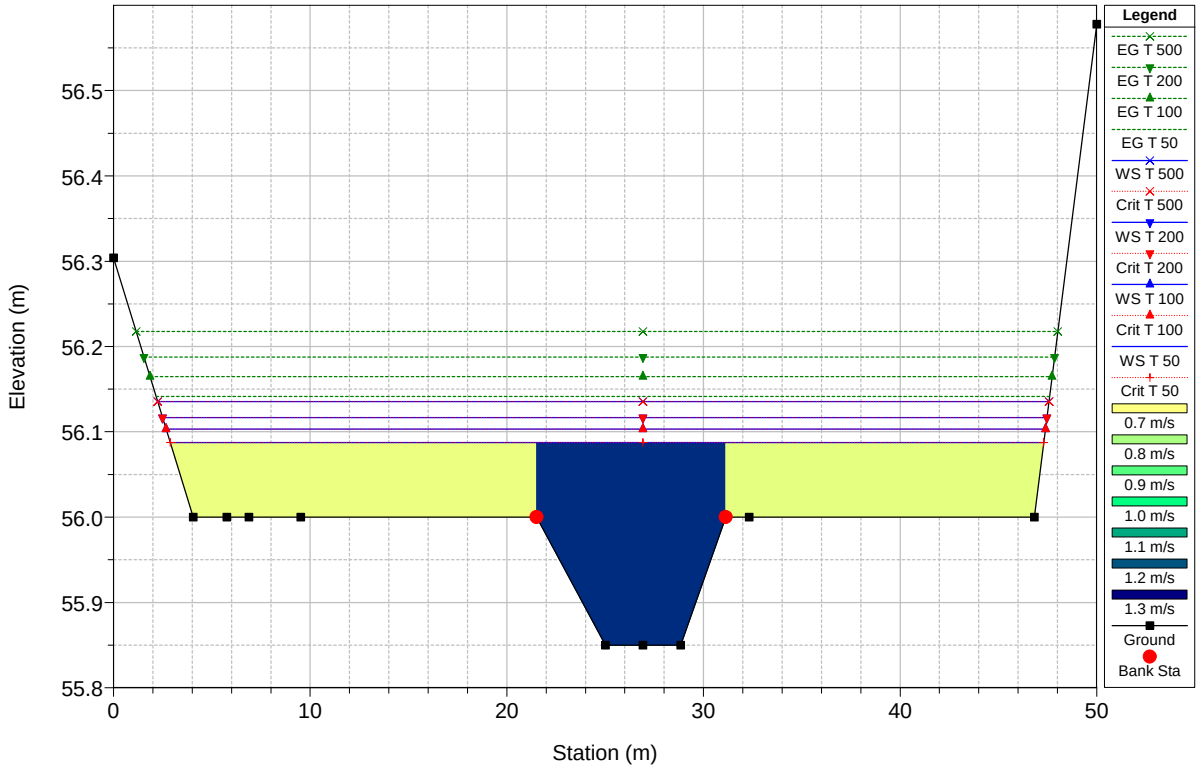
River = F2_5 Reach = RAMO A RS = 1080



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

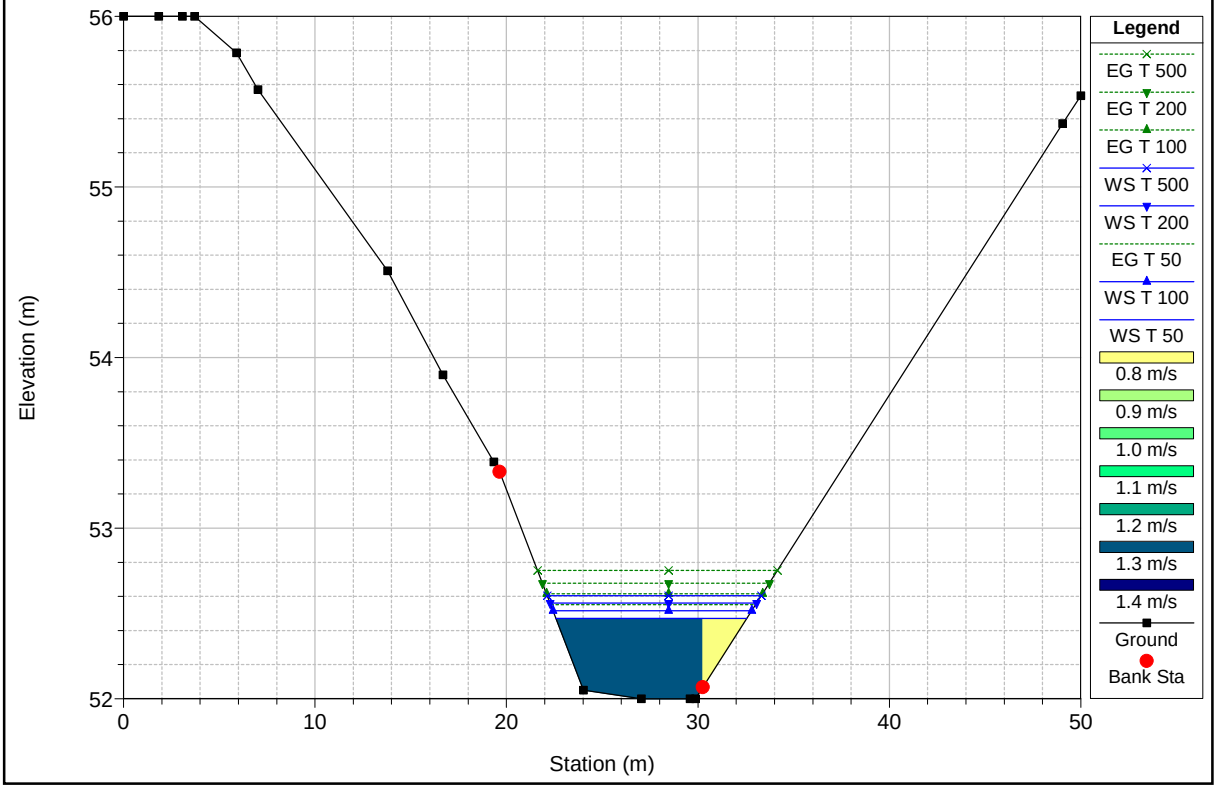
River = F2_5 Reach = RAMO A RS = 1050



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

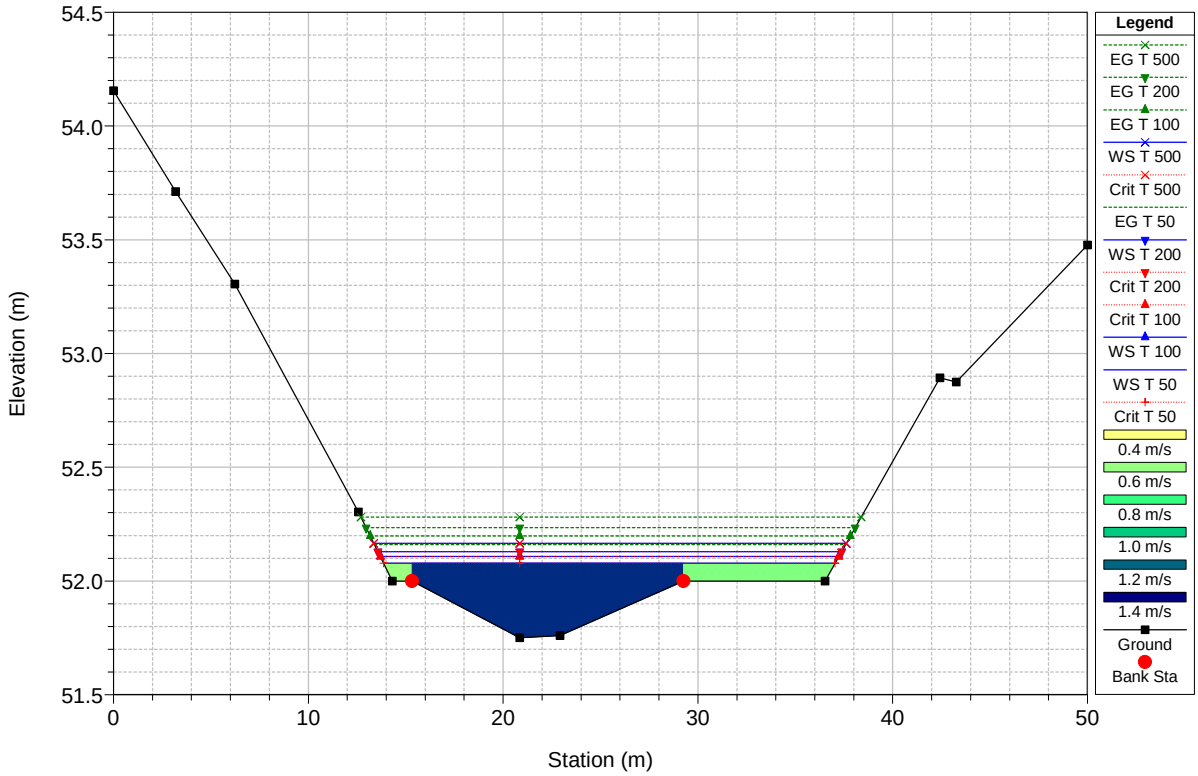
River = F2_5 Reach = RAMO A RS = 1020



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

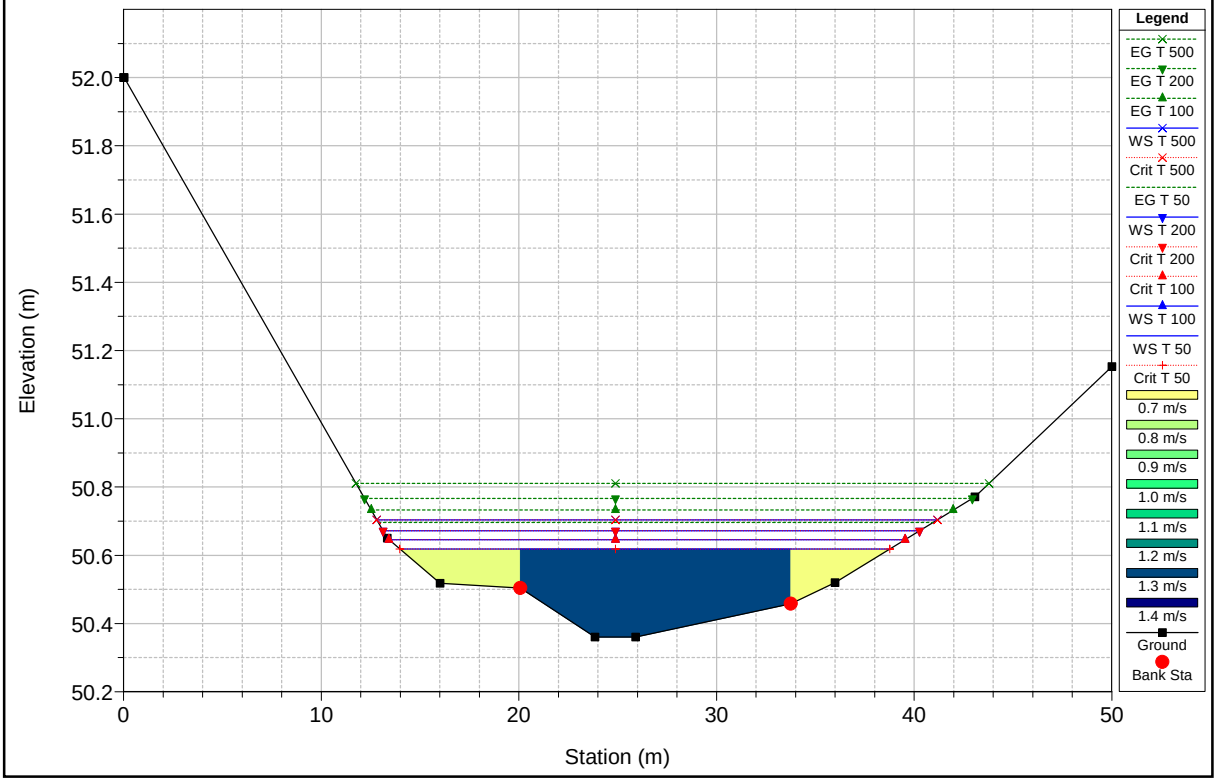
River = F2_5 Reach = RAMO A RS = 990



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

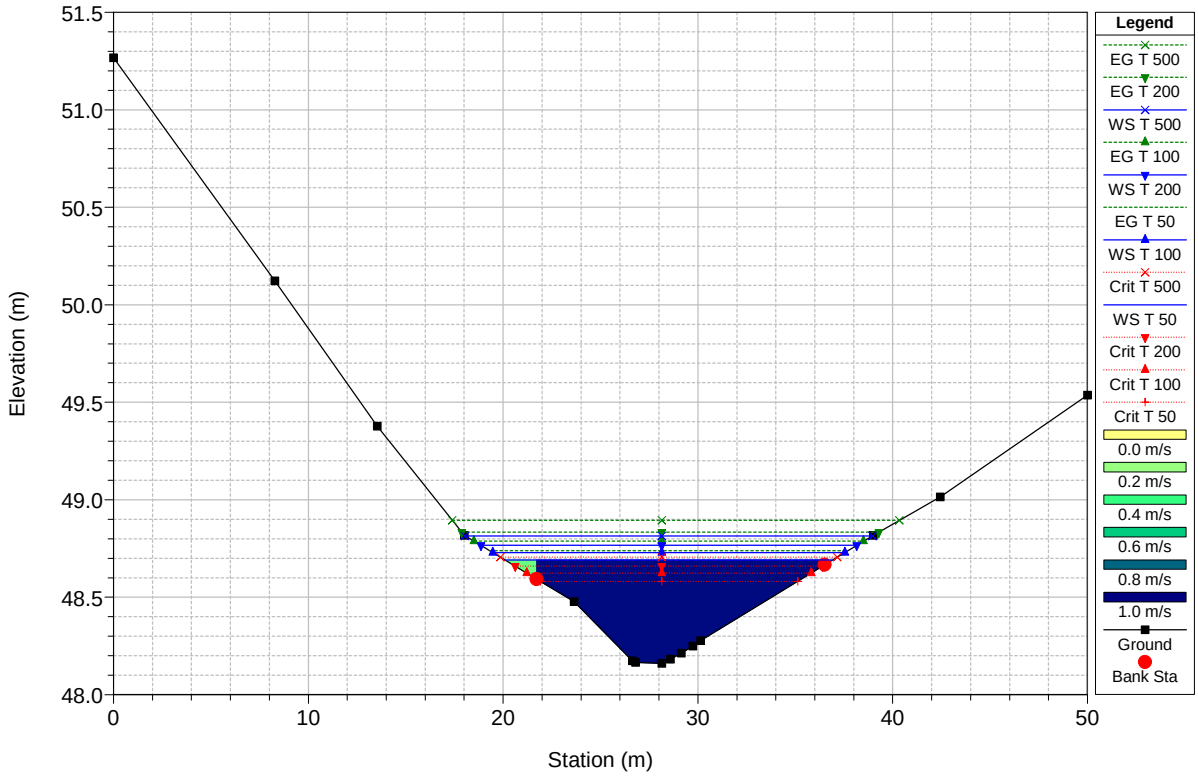
River = F2_5 Reach = RAMO A RS = 960



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

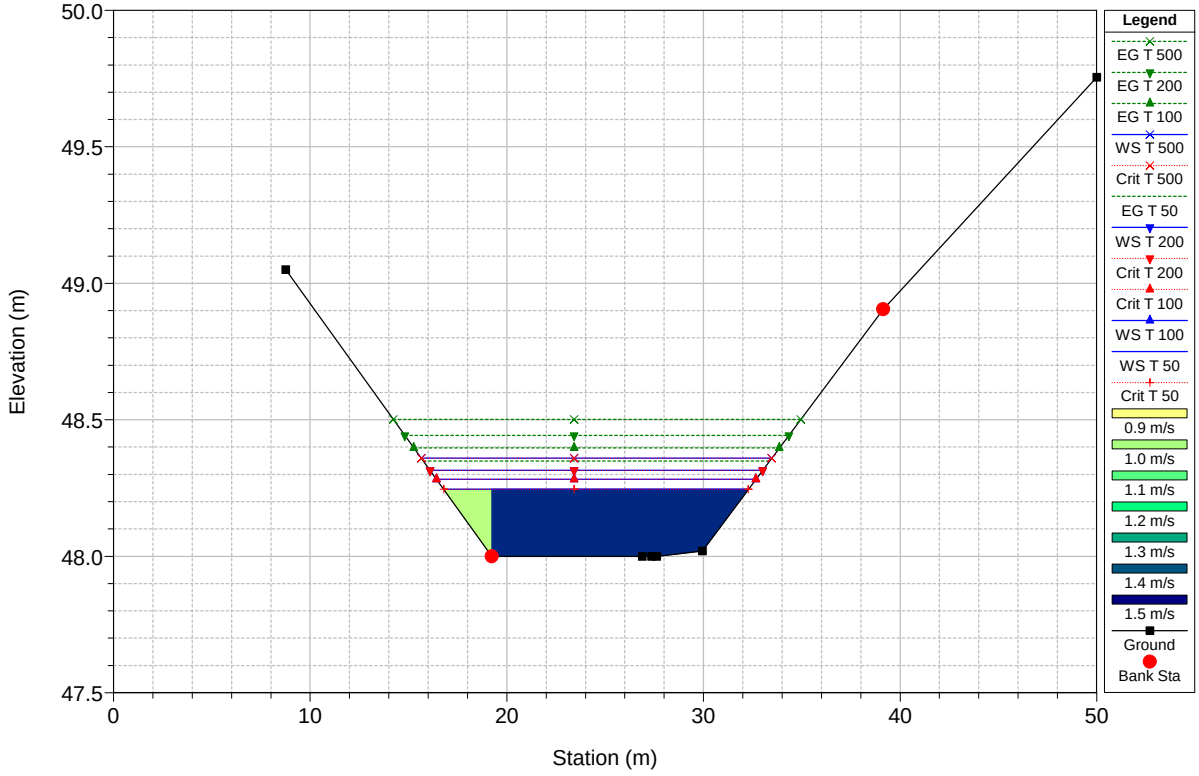
River = F2_5 Reach = RAMO A RS = 930



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

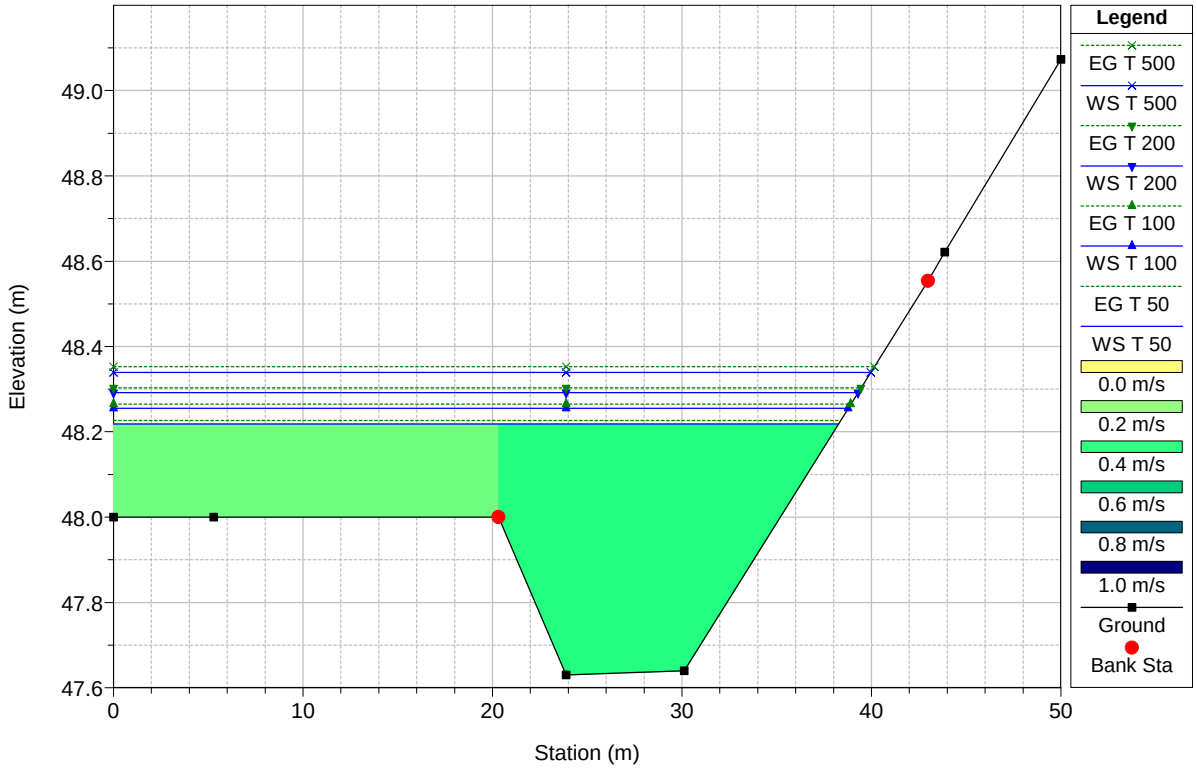
River = F2_5 Reach = RAMO A RS = 900



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

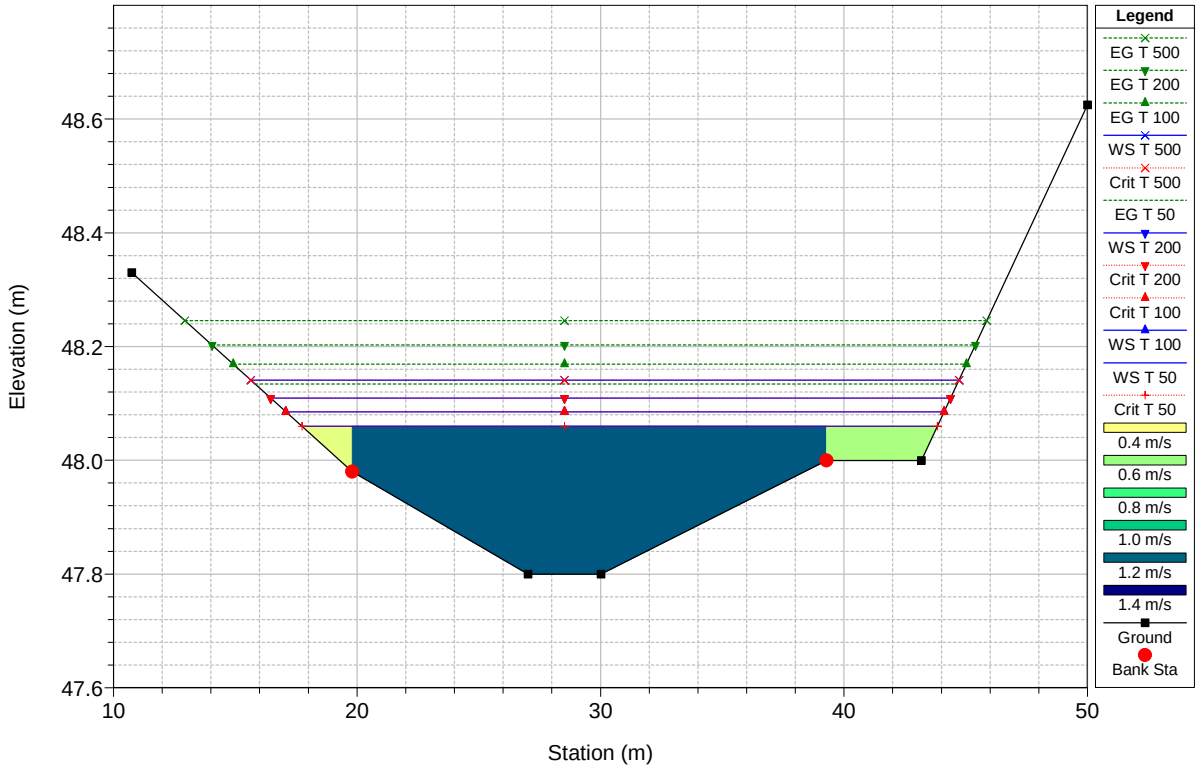
River = F2_5 Reach = RAMO A RS = 870



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

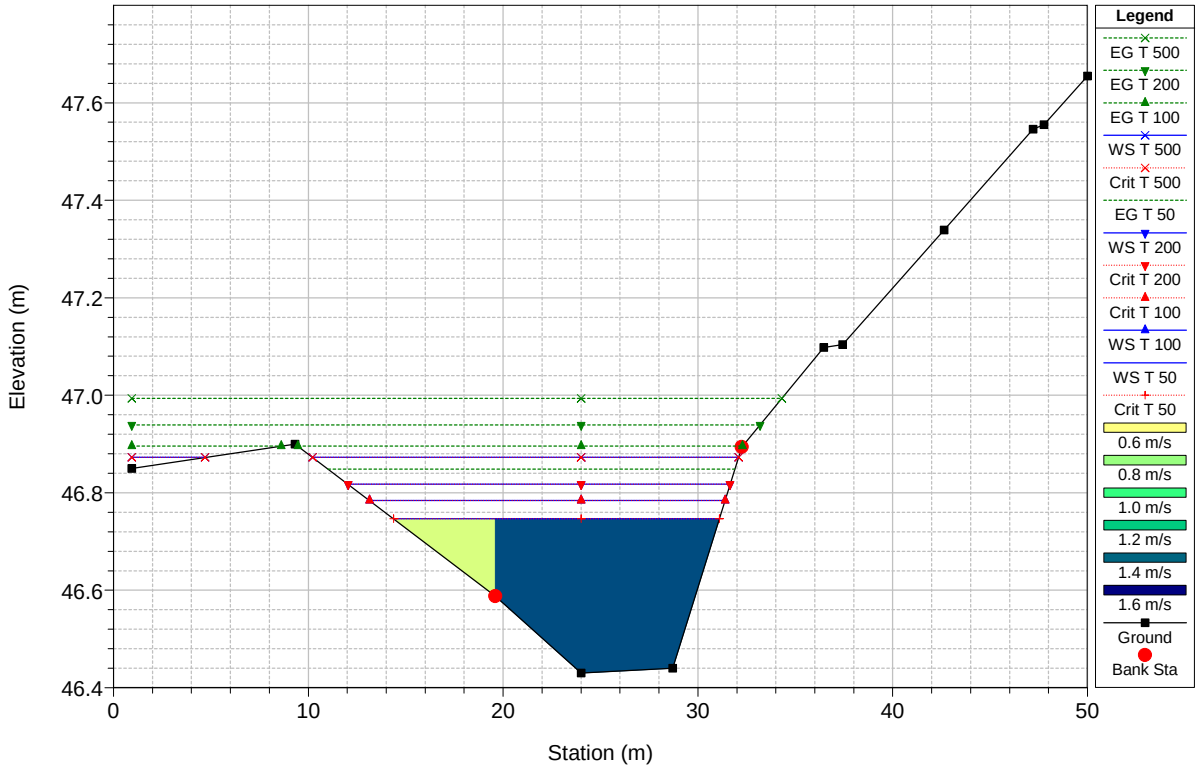
River = F2_5 Reach = RAMO A RS = 840



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

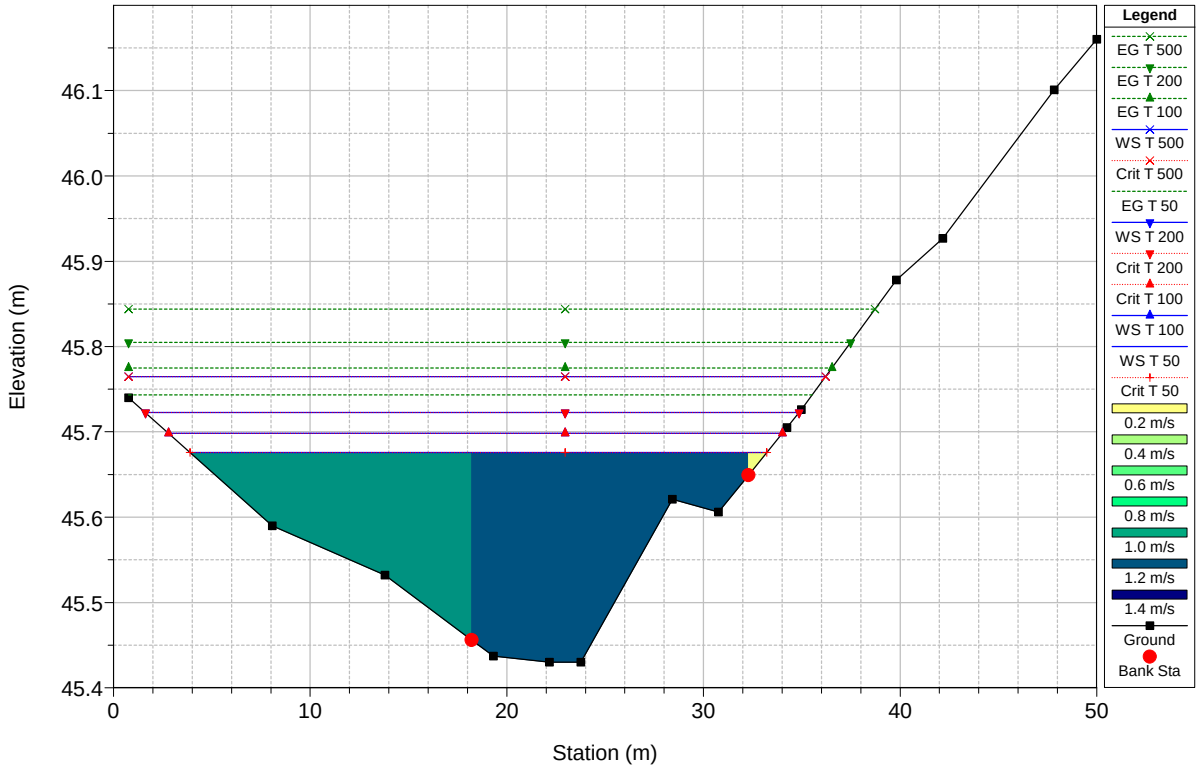
River = F2_5 Reach = RAMO A RS = 810



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

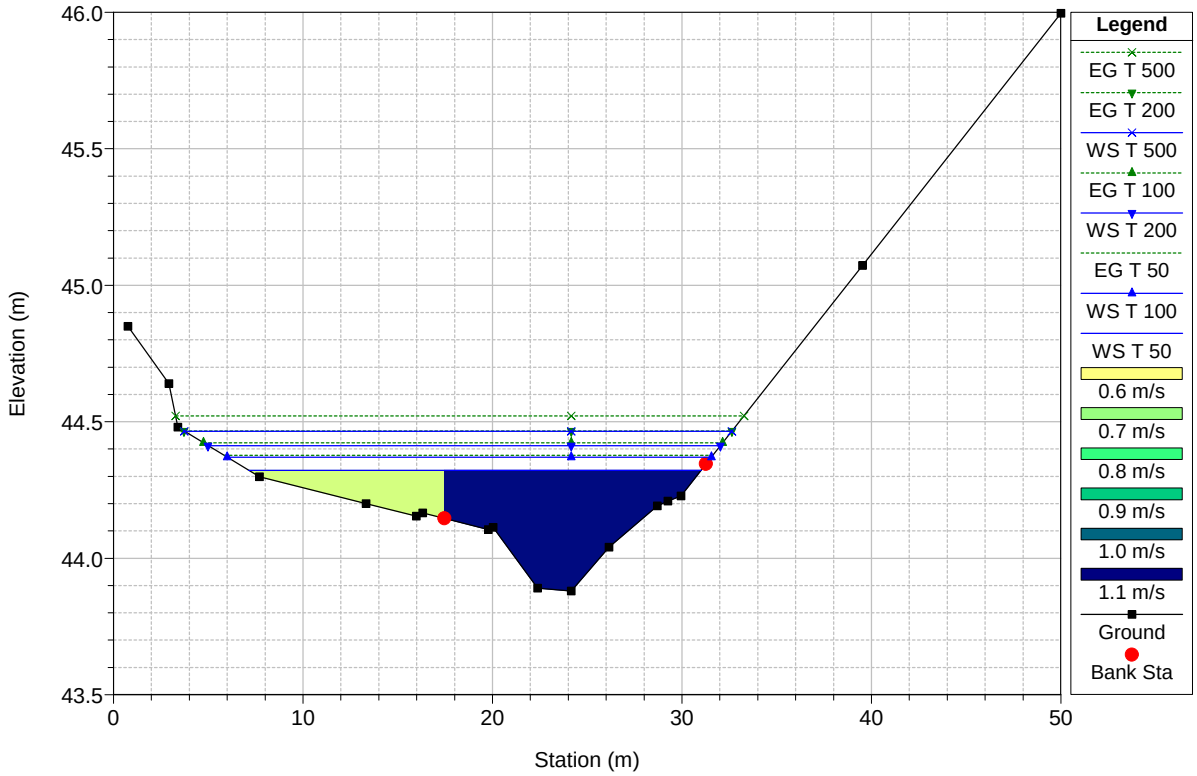
River = F2_5 Reach = RAMO A RS = 780



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

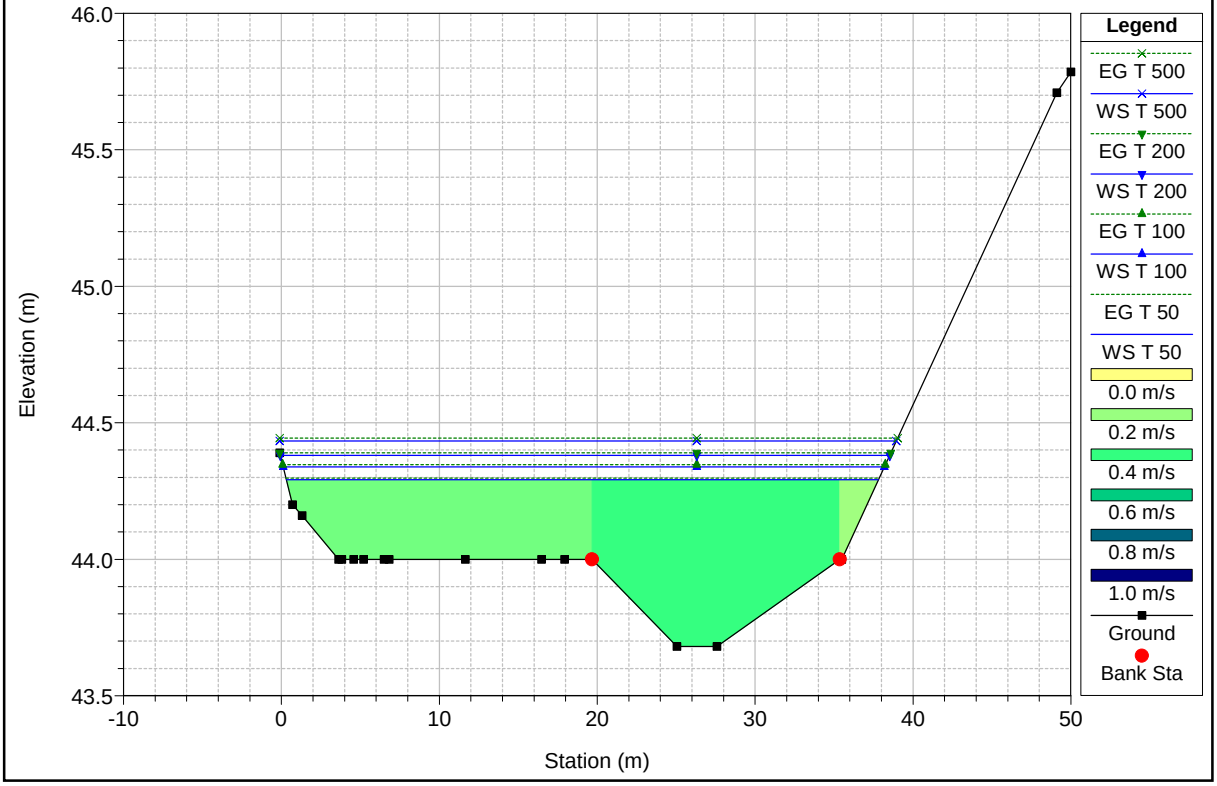
River = F2_5 Reach = RAMO A RS = 750



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

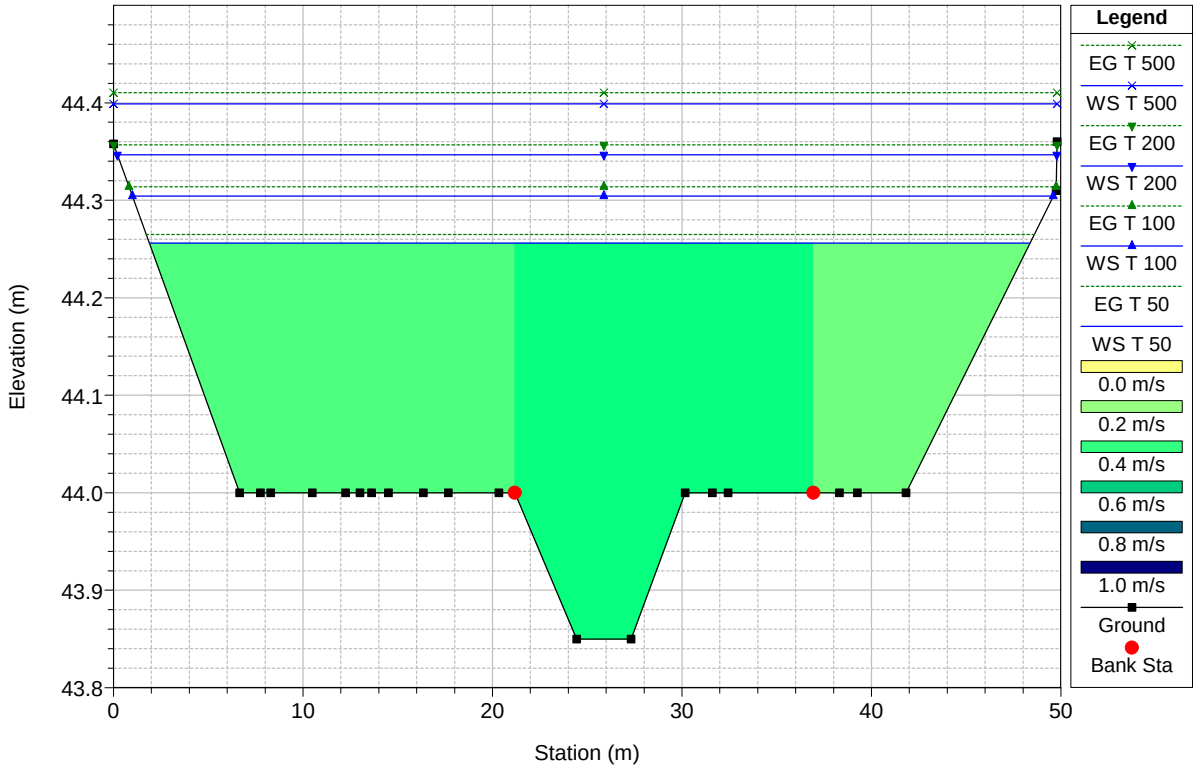
River = F2_5 Reach = RAMO A RS = 720



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

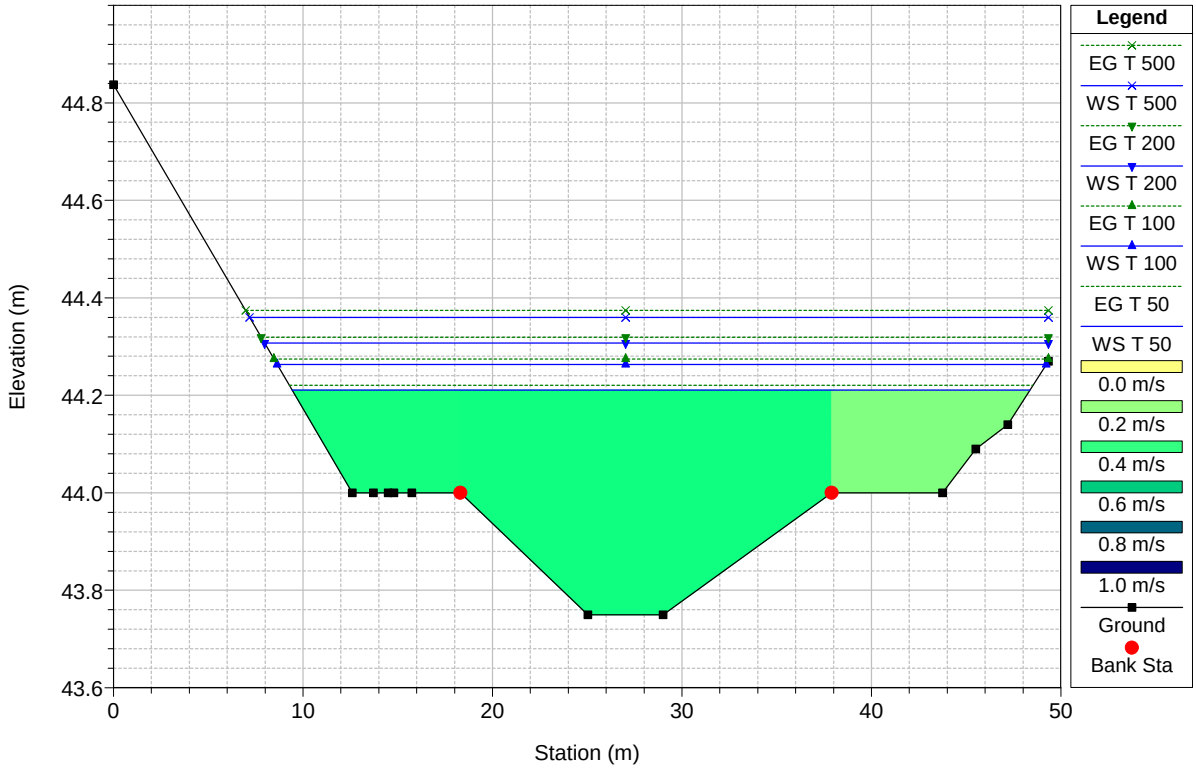
River = F2_5 Reach = RAMO A RS = 690



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

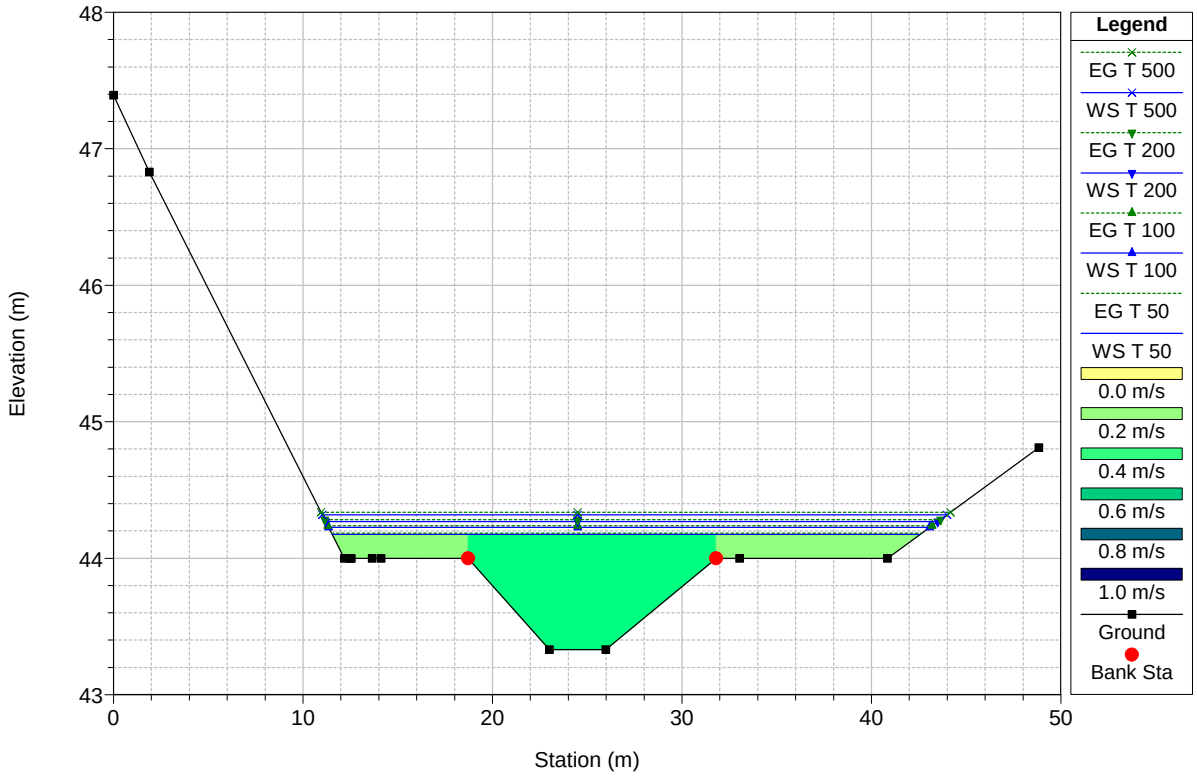
River = F2_5 Reach = RAMO A RS = 660



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

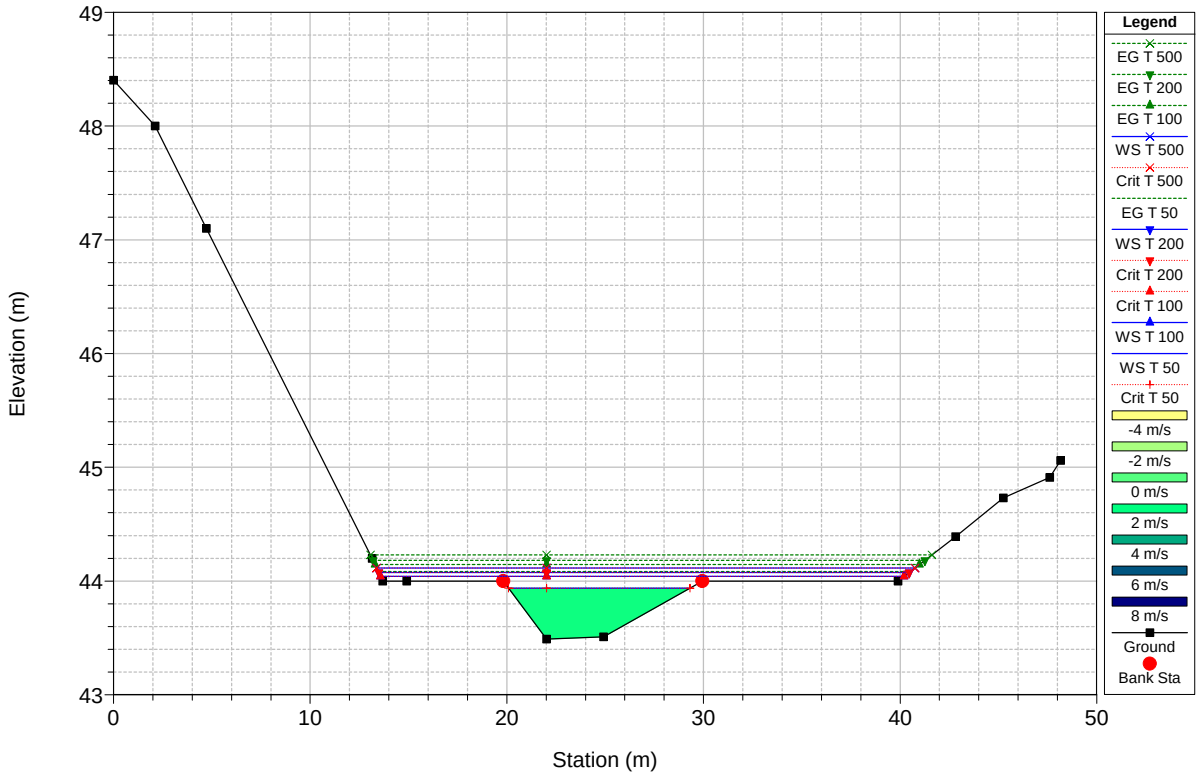
River = F2_5 Reach = RAMO A RS = 630



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

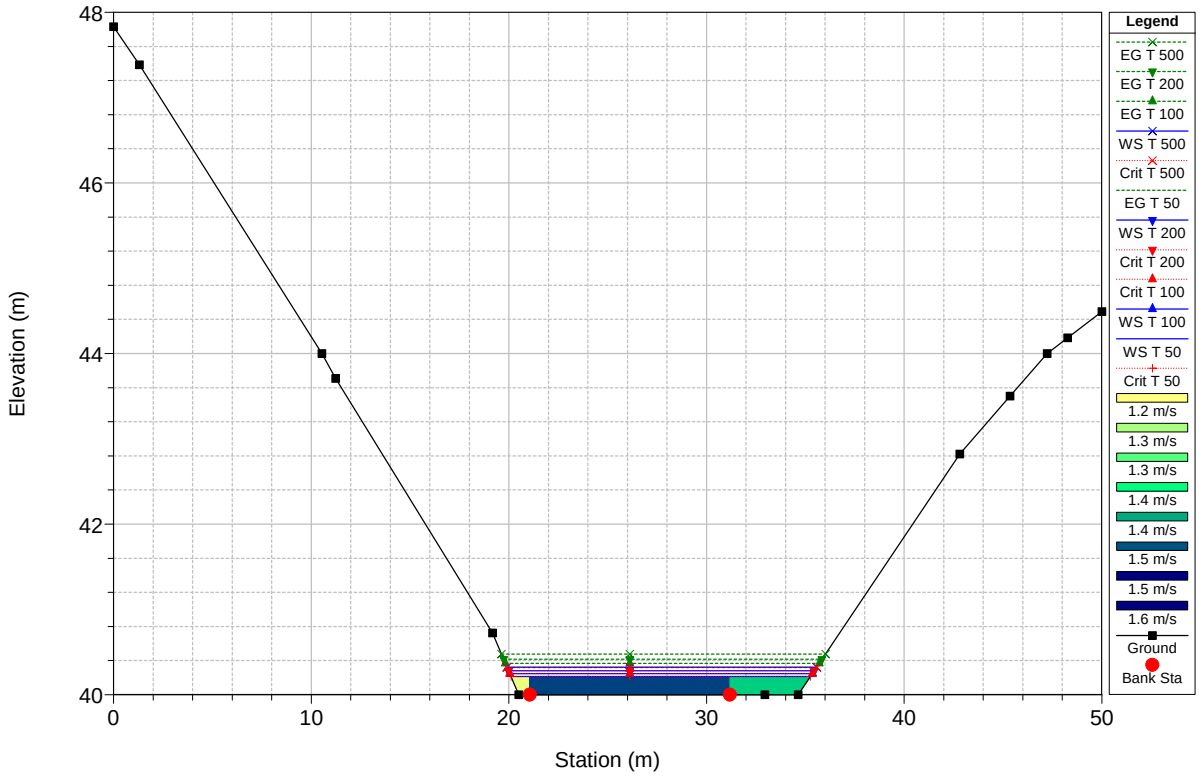
River = F2_5 Reach = RAMO A RS = 600



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

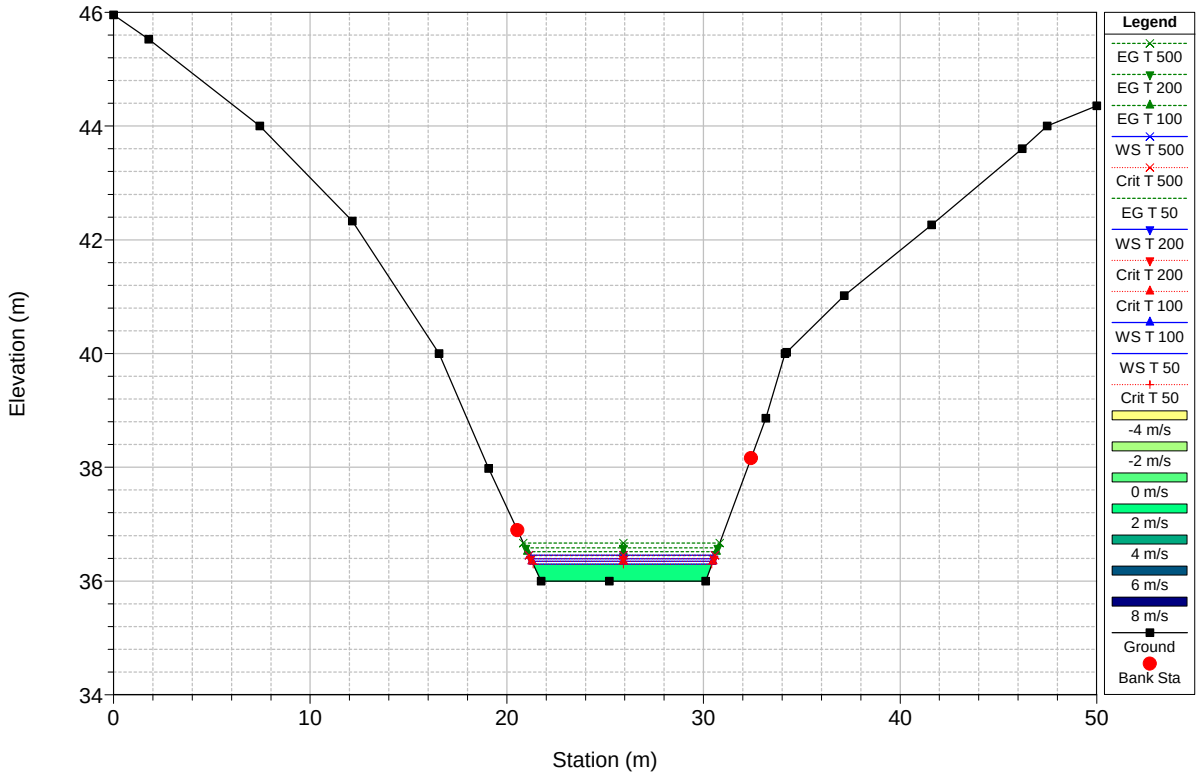
River = F2_5 Reach = RAMO A RS = 570



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

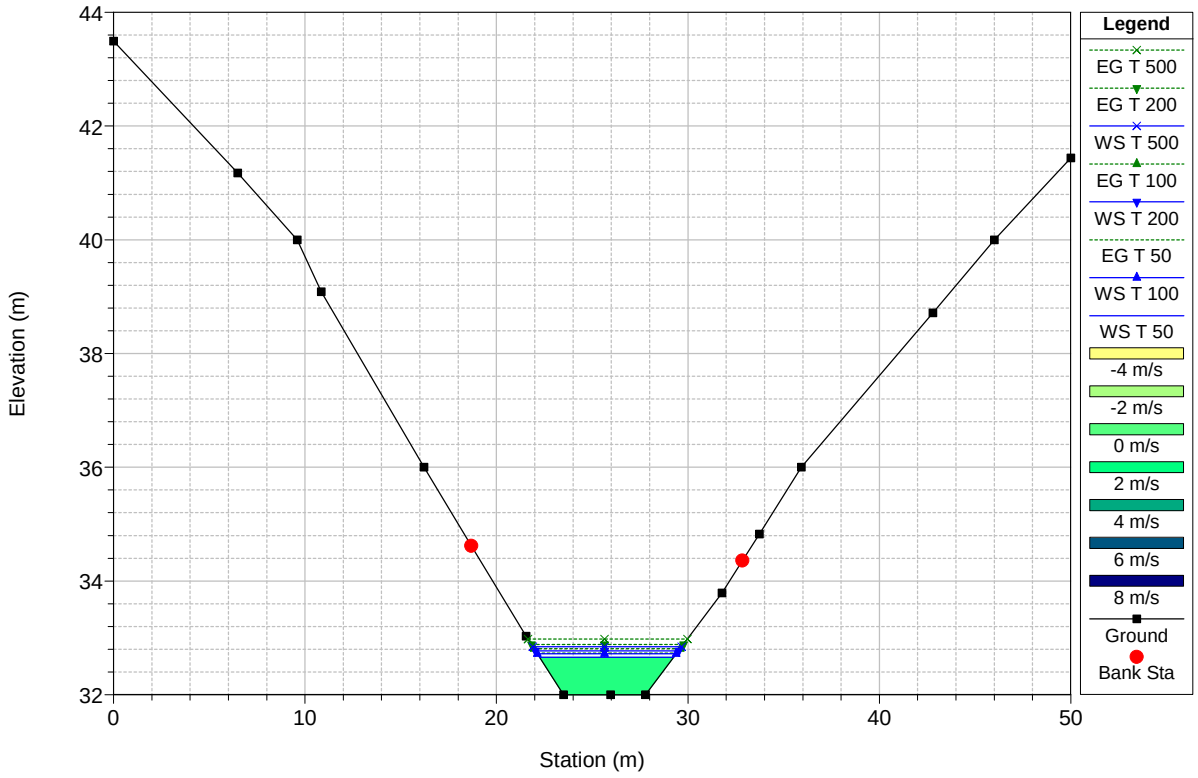
River = F2_5 Reach = RAMO A RS = 540



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

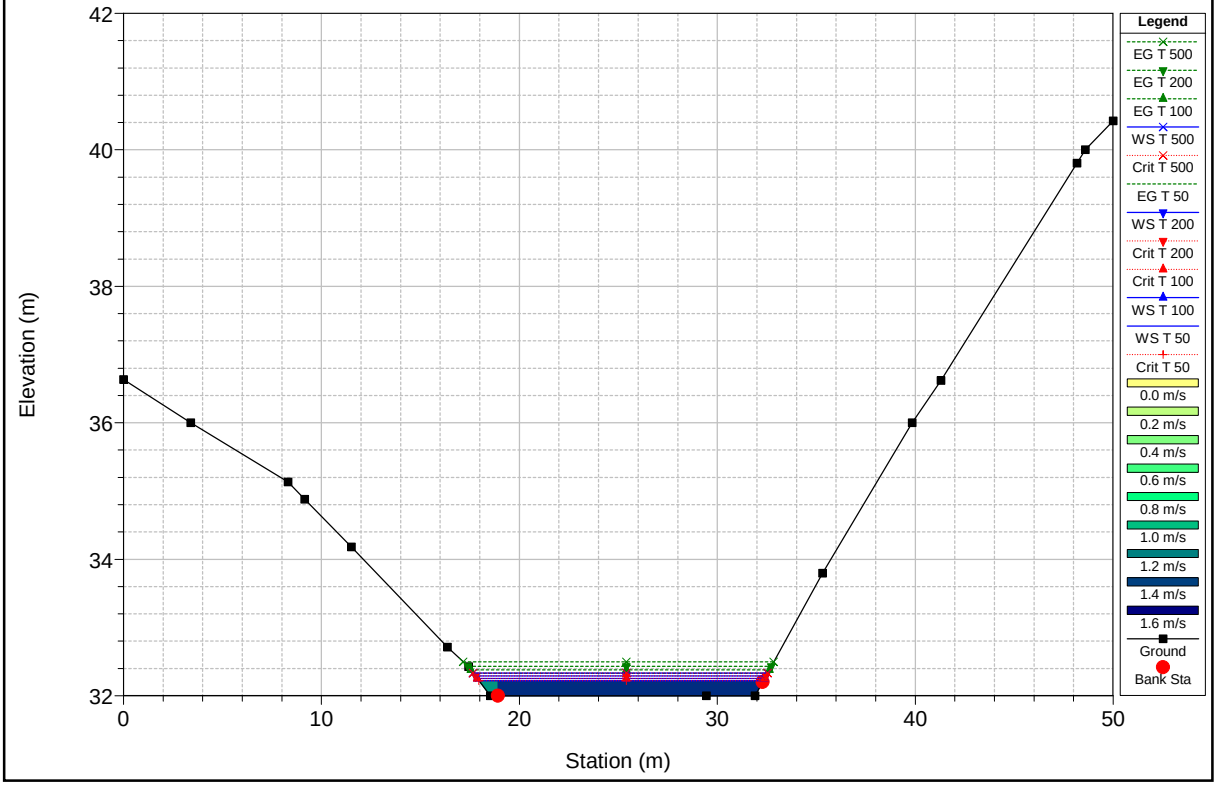
River = F2_5 Reach = RAMO A RS = 510



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

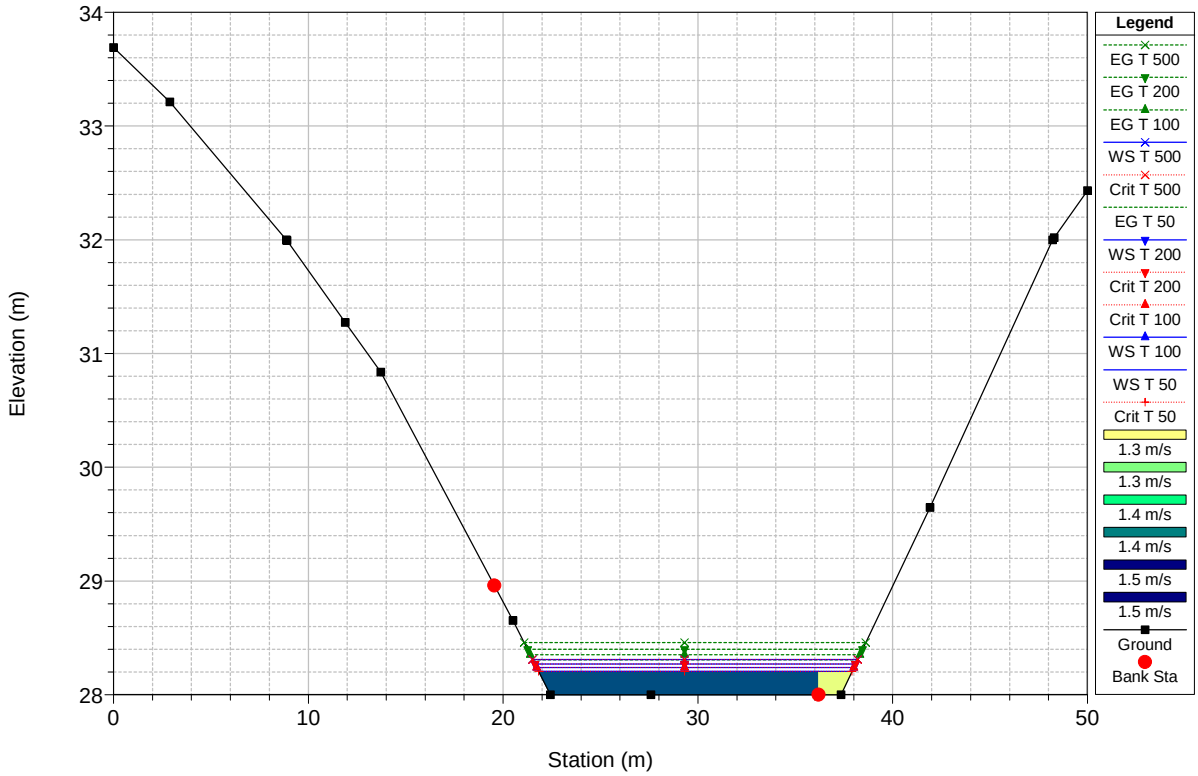
River = F2_5 Reach = RAMO A RS = 480



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

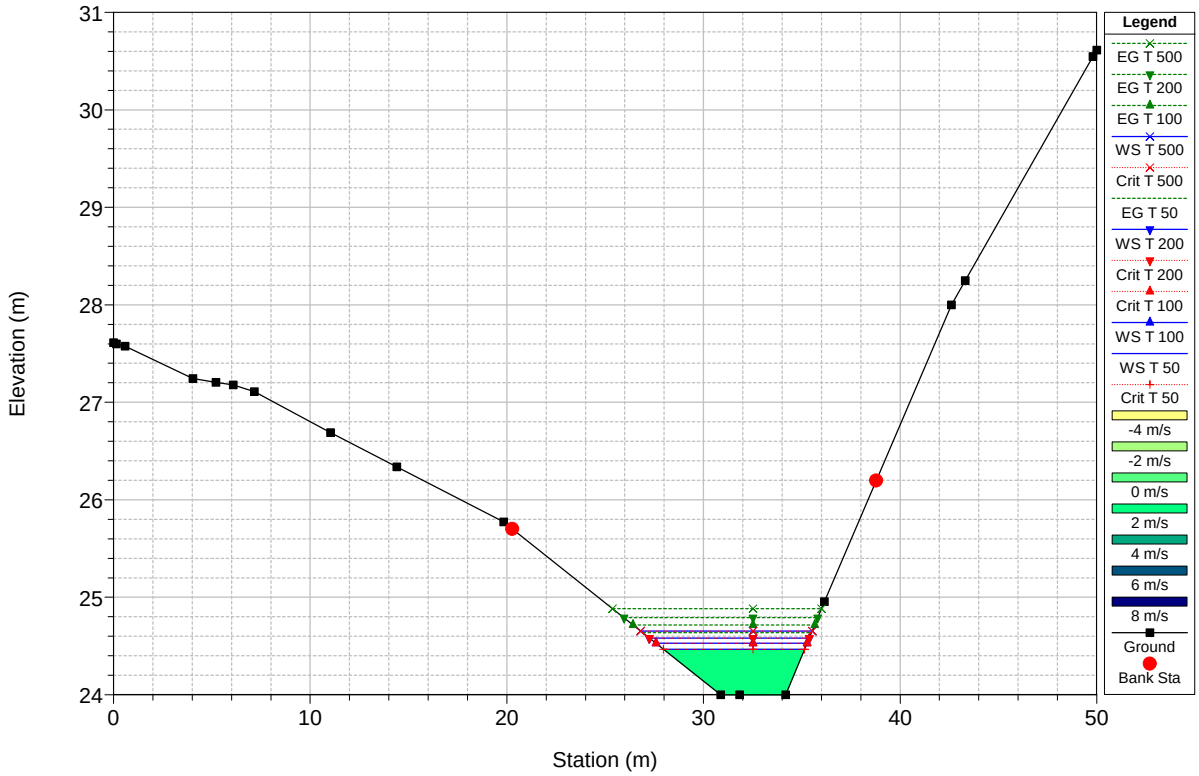
River = F2_5 Reach = RAMO A RS = 450



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

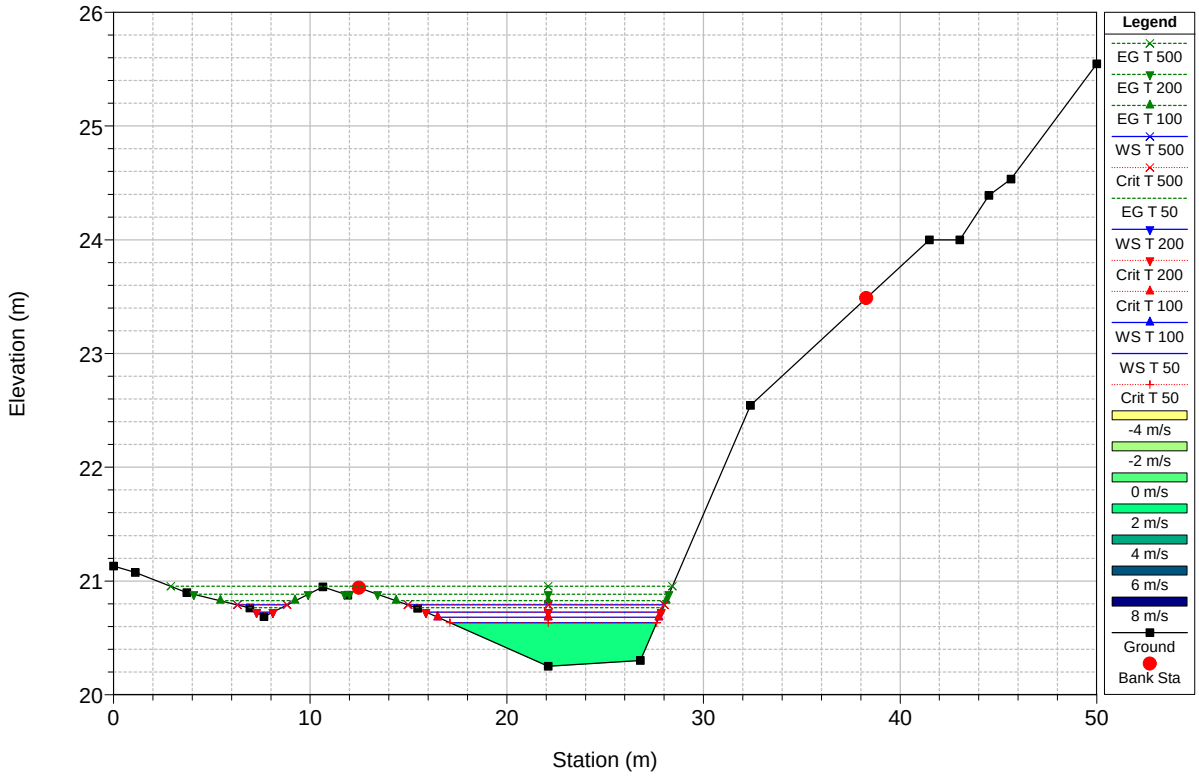
River = F2_5 Reach = RAMO A RS = 420



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

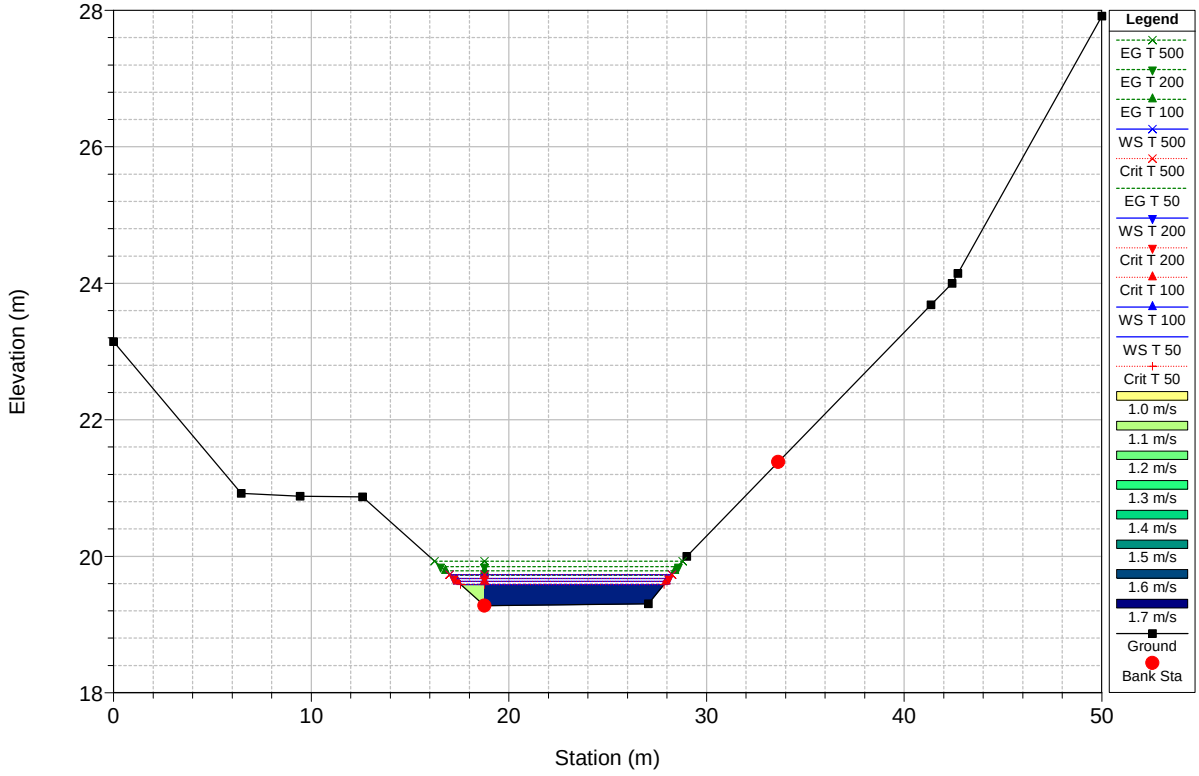
River = F2_5 Reach = RAMO A RS = 390



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

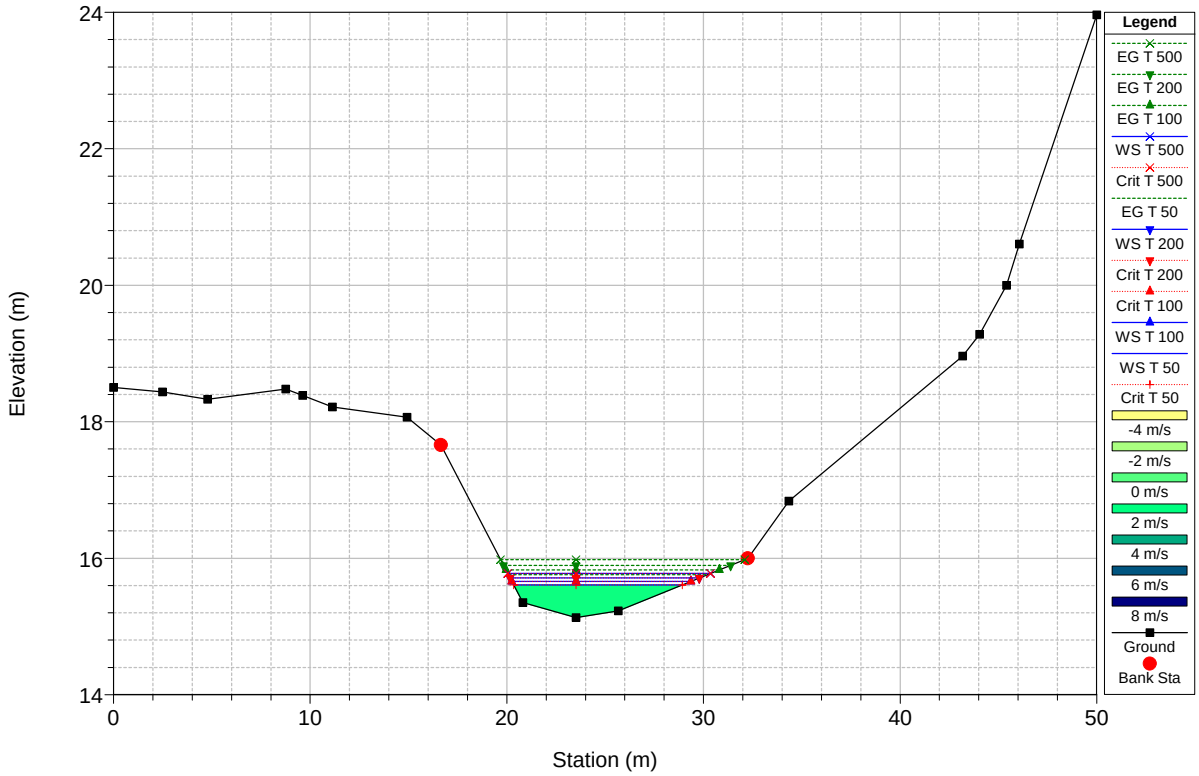
River = F2_5 Reach = RAMO A RS = 360



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

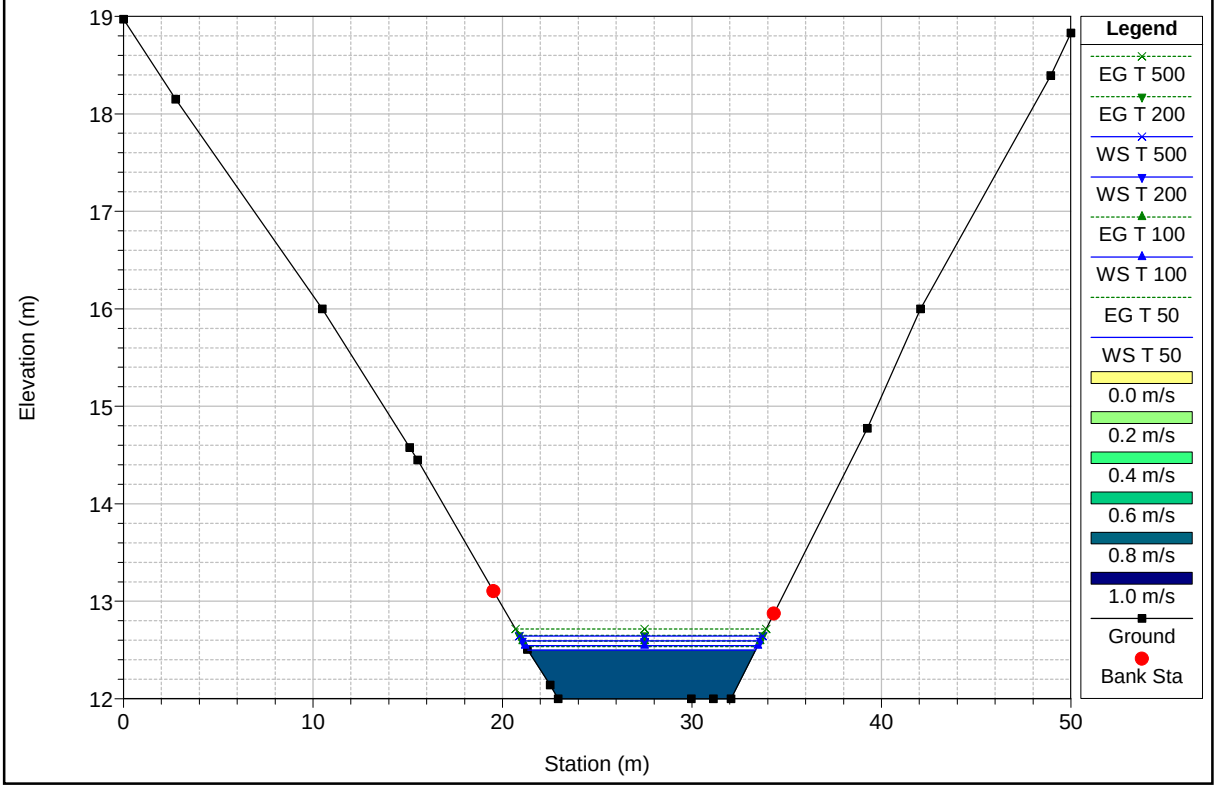
River = F2_5 Reach = RAMO A RS = 330



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

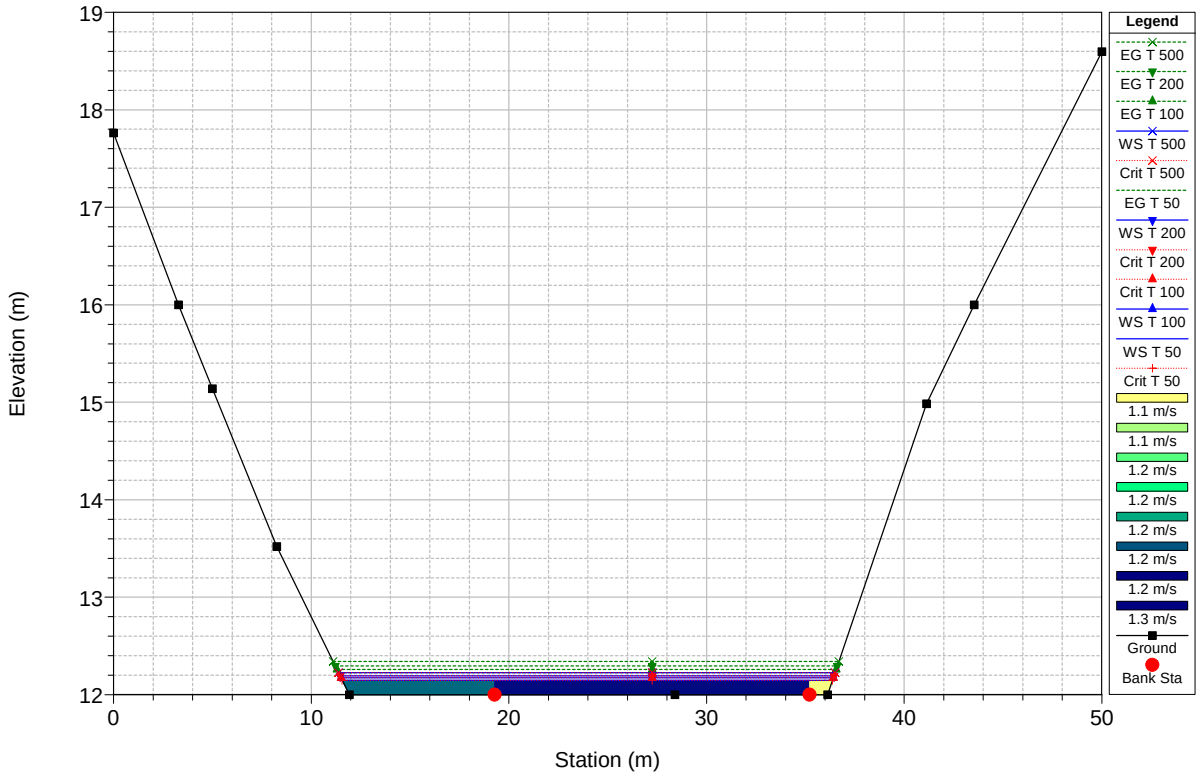
River = F2_5 Reach = RAMO A RS = 300



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

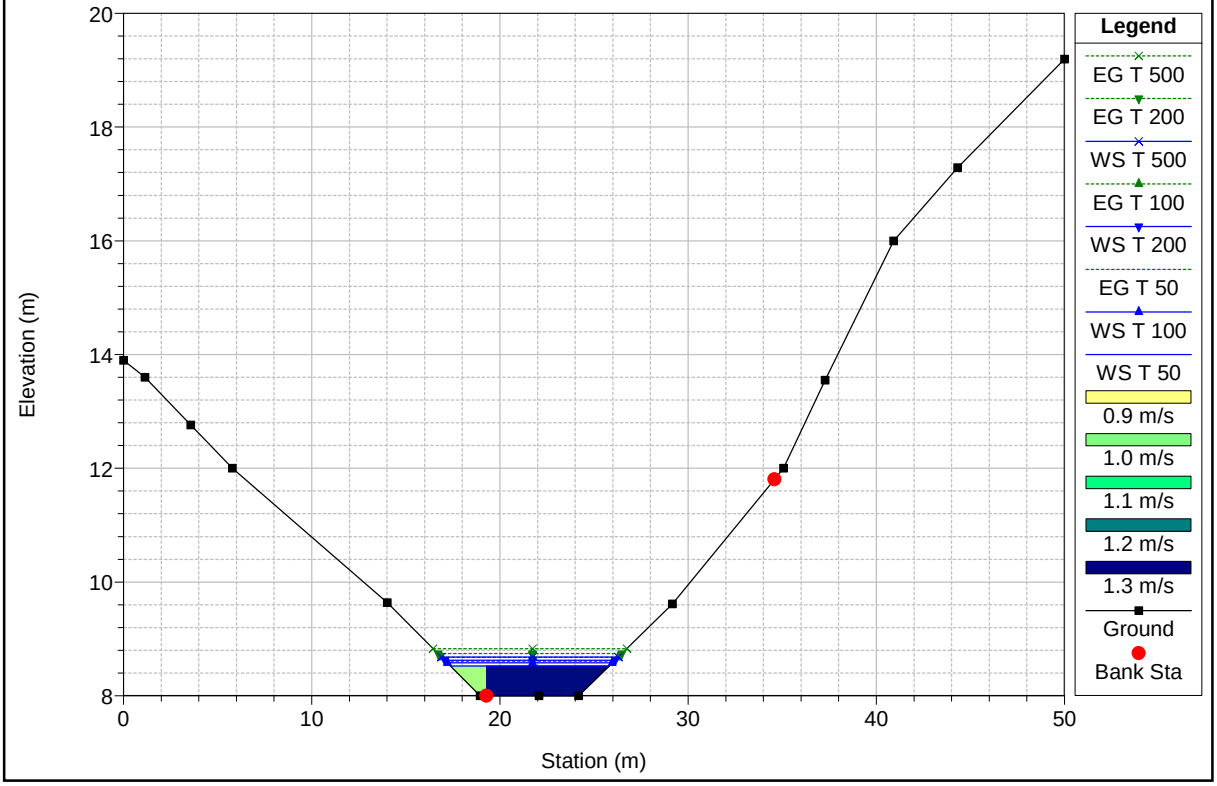
River = F2_5 Reach = RAMO A RS = 270



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

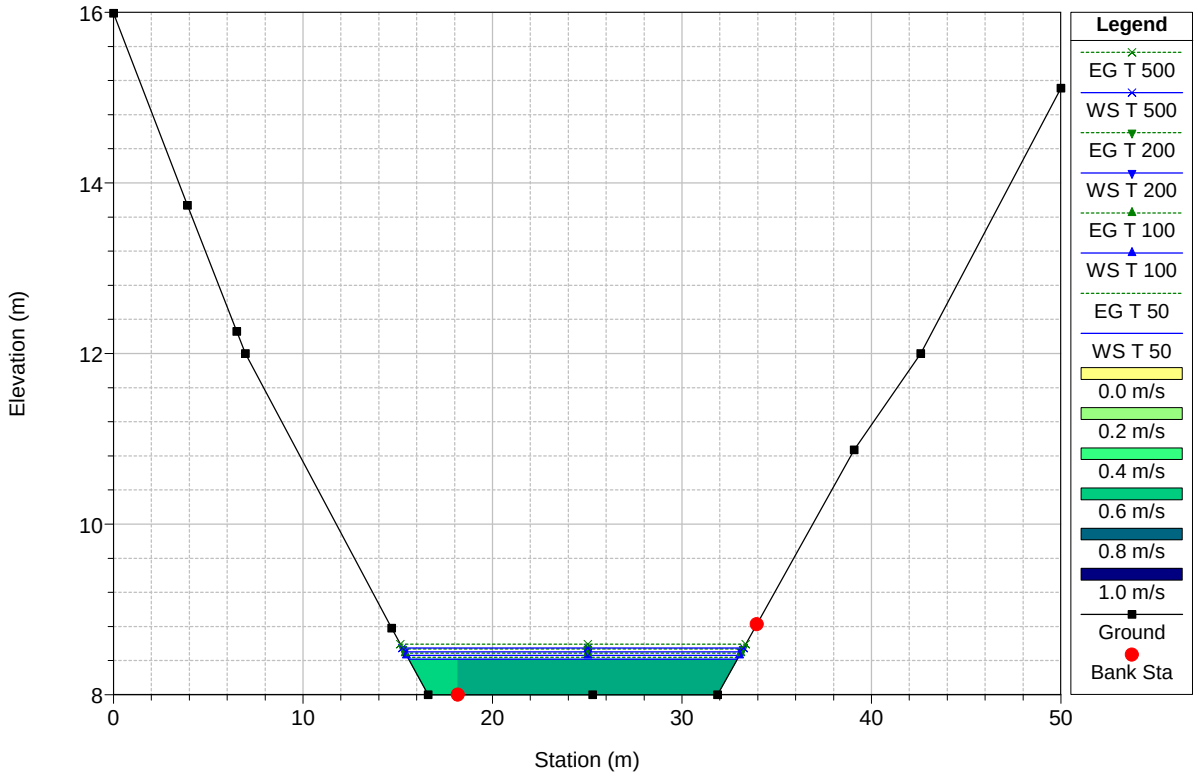
River = F2_5 Reach = RAMO A RS = 240



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

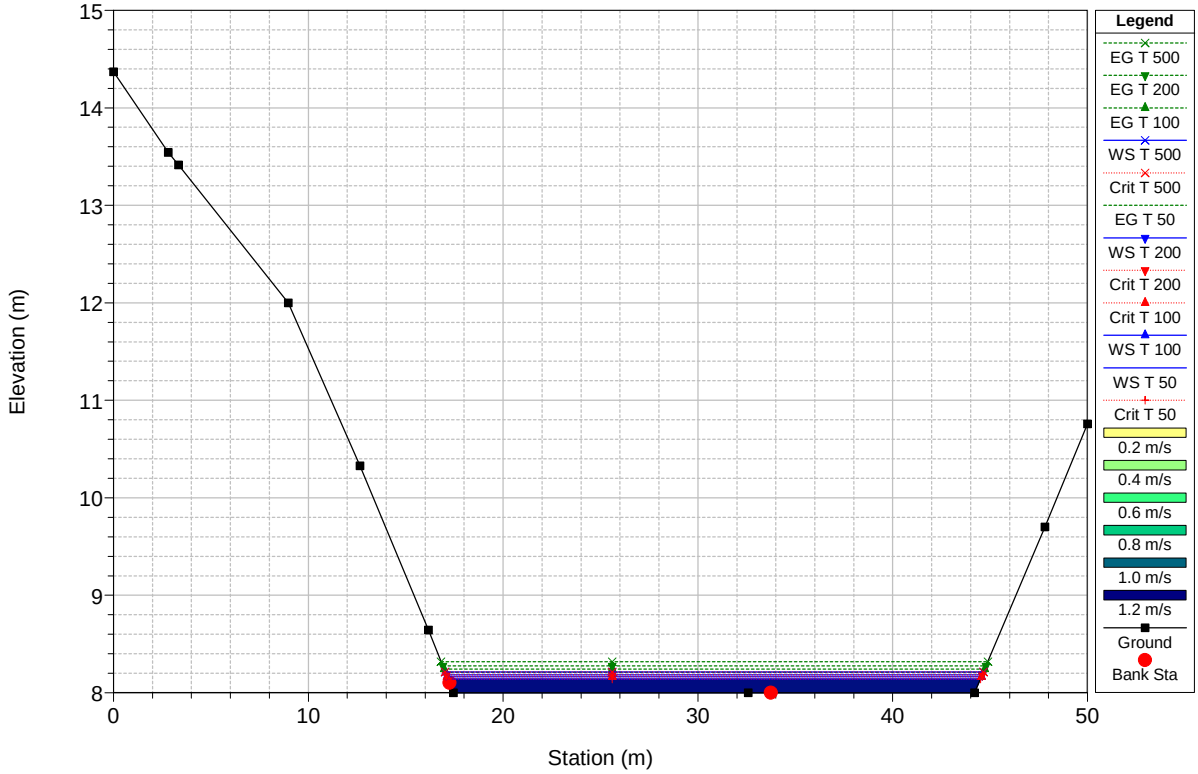
River = F2_5 Reach = RAMO A RS = 210



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

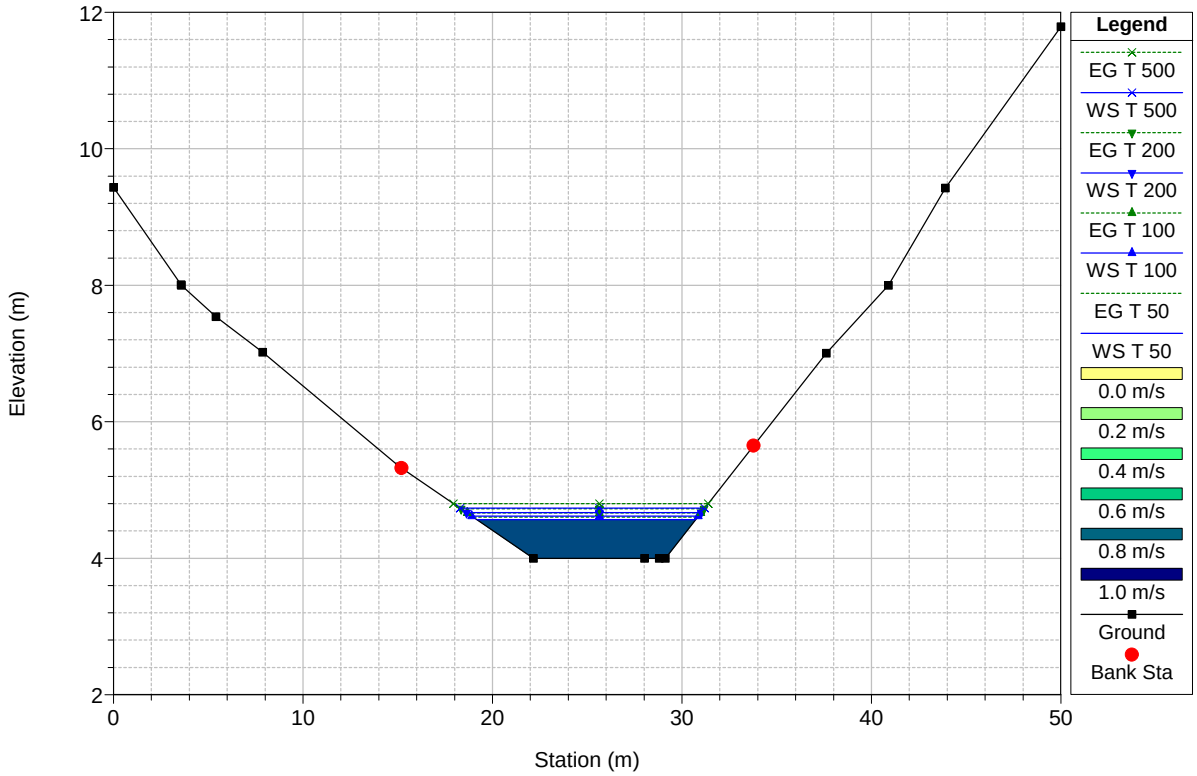
River = F2_5 Reach = RAMO A RS = 180



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

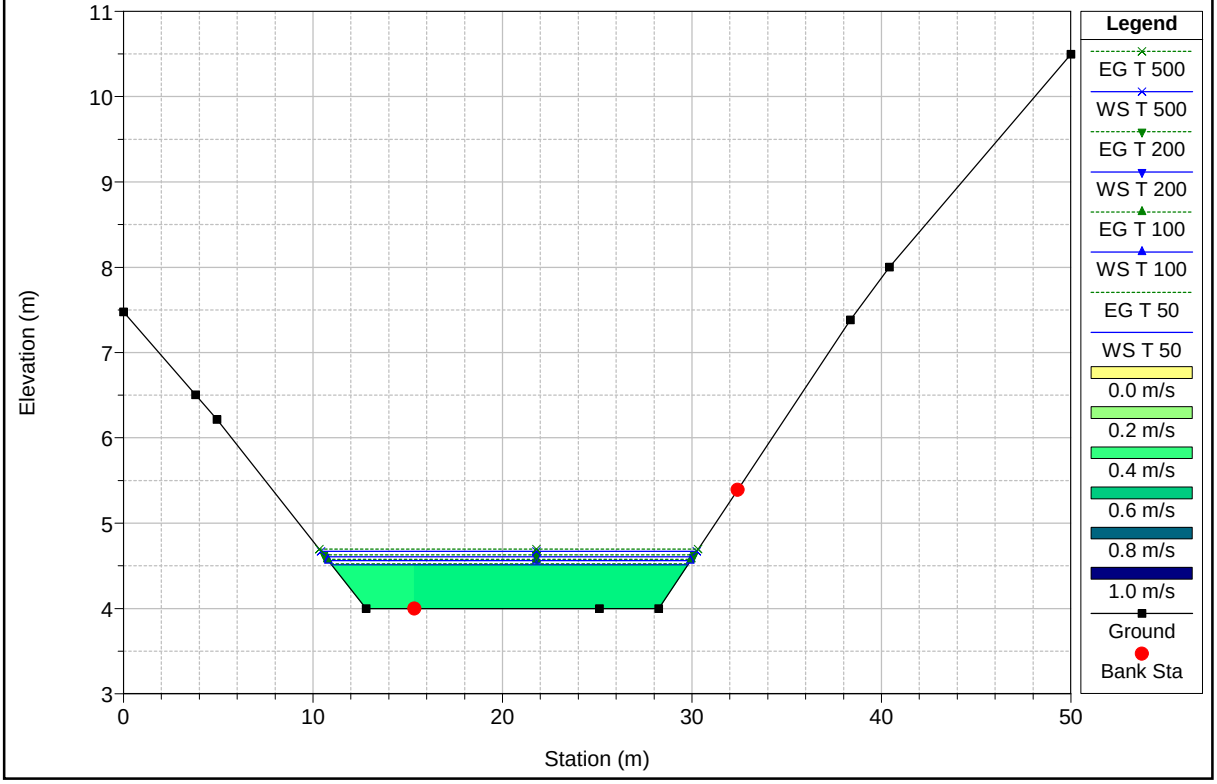
River = F2_5 Reach = RAMO A RS = 150



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

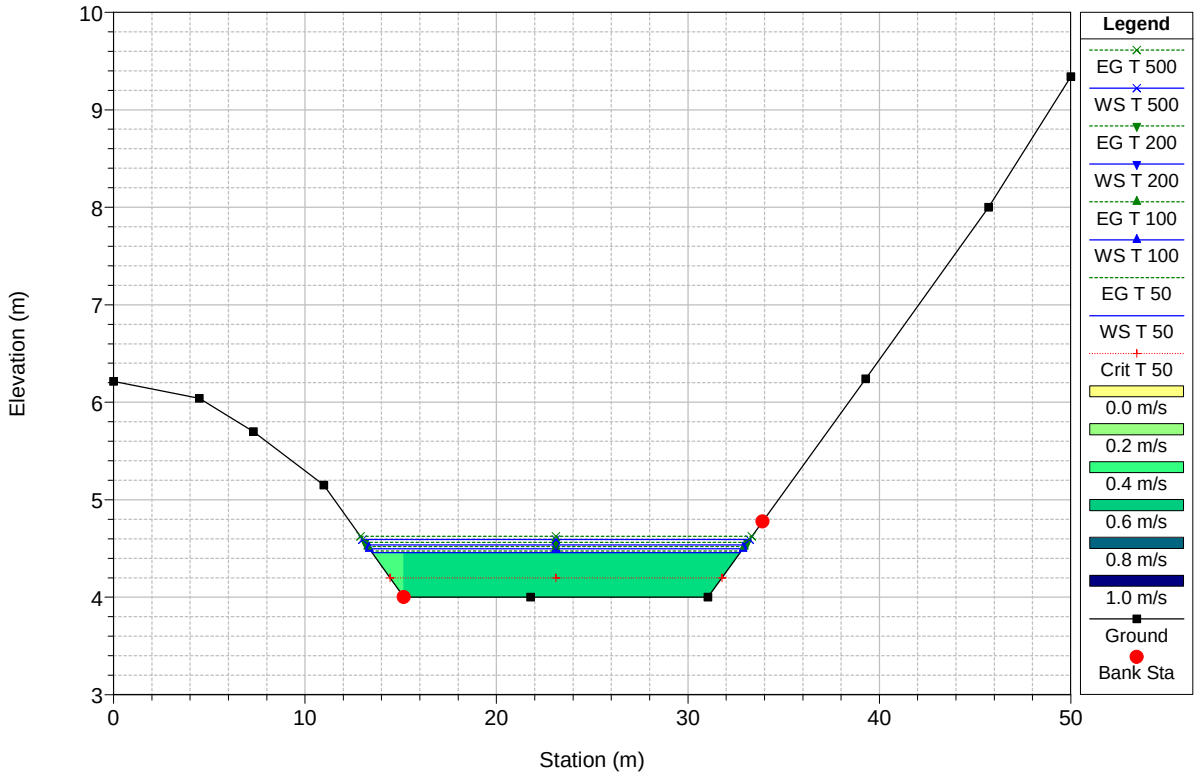
River = F2_5 Reach = RAMO A RS = 120



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

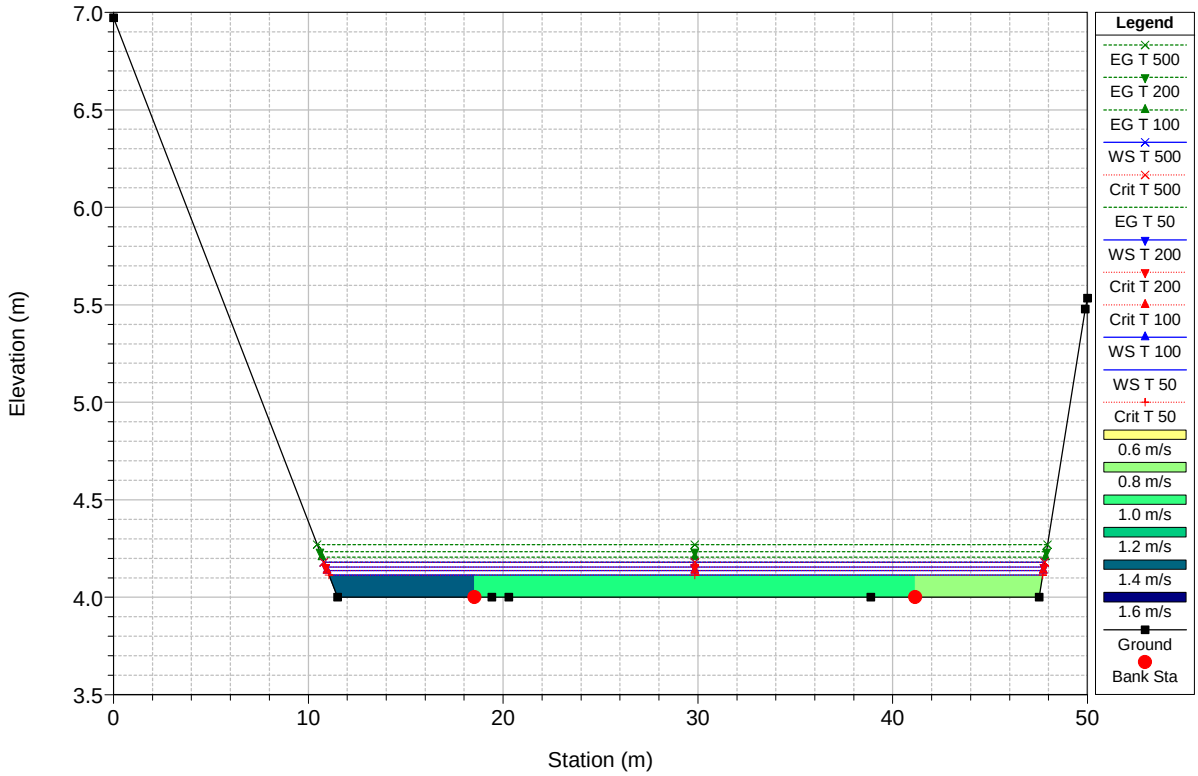
River = F2_5 Reach = RAMO A RS = 90



GPCHECRAS Plan: Plan 02

Geom: SI Flow: Flow 01

River = F2_5 Reach = RAMO A RS = 30



HEC-RAS Plan: Plan 01 River: F2_5 Reach: RAMO A

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)	
RAMO A	1230	T 50	4.46	65.03	65.31	65.31	65.42	0.024757	1.56	2.96	12.67	1.00
RAMO A	1230	T 100	5.56	65.03	65.34	65.34	65.48	0.023867	1.67	3.46	13.04	1.00
RAMO A	1230	T 200	6.71	65.03	65.38	65.38	65.53	0.022841	1.76	3.97	13.40	0.99
RAMO A	1230	T 500	8.34	65.03	65.43	65.43	65.60	0.022622	1.89	4.59	13.84	1.01
RAMO A	1200	T 50	4.46	60.00	60.65	60.63	60.84	0.020986	1.95	2.28	5.56	0.97
RAMO A	1200	T 100	5.56	60.00	60.71	60.71	60.93	0.021954	2.10	2.64	5.95	1.01
RAMO A	1200	T 200	6.71	60.00	60.77	60.77	61.02	0.021826	2.21	3.04	6.35	1.02
RAMO A	1200	T 500	8.34	60.00	60.86	60.86	61.13	0.020754	2.29	3.64	6.91	1.01
RAMO A	1170	T 50	4.46	59.83	60.05	60.05	60.12	0.024447	1.26	4.41	40.00	0.94
RAMO A	1170	T 100	5.56	59.83	60.07	60.07	60.14	0.023496	1.33	5.23	40.96	0.94
RAMO A	1170	T 200	6.71	59.83	60.10	60.10	60.17	0.020093	1.32	6.25	41.31	0.88
RAMO A	1170	T 500	8.34	59.83	60.12	60.12	60.20	0.020574	1.42	7.14	41.39	0.91
RAMO A	1140	T 50	4.46	57.16	57.48	57.48	57.54	0.016337	1.28	4.33	28.29	0.81
RAMO A	1140	T 100	5.56	57.16	57.50	57.50	57.58	0.017163	1.39	4.96	28.58	0.84
RAMO A	1140	T 200	6.71	57.16	57.52	57.52	57.61	0.017747	1.47	5.58	28.86	0.86
RAMO A	1140	T 500	8.34	57.16	57.55	57.55	57.65	0.018314	1.58	6.40	29.22	0.89
RAMO A	1110	T 50	4.46	56.00	56.40		56.43	0.005065	0.88	5.66	20.62	0.48
RAMO A	1110	T 100	5.56	56.00	56.44		56.48	0.005384	0.96	6.52	22.14	0.50
RAMO A	1110	T 200	6.71	56.00	56.48		56.52	0.005602	1.03	7.38	23.37	0.51
RAMO A	1110	T 500	8.34	56.00	56.52		56.58	0.005819	1.11	8.50	25.00	0.53
RAMO A	1080	T 50	4.46	56.00	56.30		56.32	0.002741	0.59	8.02	29.10	0.34
RAMO A	1080	T 100	5.56	56.00	56.33		56.35	0.002952	0.65	9.01	29.65	0.36
RAMO A	1080	T 200	6.71	56.00	56.37		56.39	0.003123	0.72	9.99	30.17	0.38
RAMO A	1080	T 500	8.34	56.00	56.41		56.44	0.003380	0.80	11.20	30.82	0.40
RAMO A	1050	T 50	4.46	55.85	56.09	56.09	56.14	0.022491	1.25	4.81	44.41	0.91
RAMO A	1050	T 100	5.56	55.85	56.10	56.10	56.16	0.023161	1.34	5.52	44.71	0.93
RAMO A	1050	T 200	6.71	55.85	56.12	56.12	56.19	0.024451	1.43	6.13	44.97	0.97
RAMO A	1050	T 500	8.34	55.85	56.14	56.14	56.22	0.025342	1.54	6.98	45.32	1.00
RAMO A	1020	T 50	4.46	52.00	52.47		52.55	0.009005	1.30	3.60	9.96	0.65
RAMO A	1020	T 100	5.56	52.00	52.52		52.62	0.009891	1.44	4.06	10.37	0.69
RAMO A	1020	T 200	6.71	52.00	52.56		52.68	0.010511	1.57	4.54	10.78	0.72
RAMO A	1020	T 500	8.34	52.00	52.60		52.75	0.012110	1.76	5.03	11.19	0.78
RAMO A	990	T 50	4.46	51.75	52.08	52.08	52.16	0.020995	1.32	3.74	23.17	0.90
RAMO A	990	T 100	5.56	51.75	52.11	52.11	52.20	0.019984	1.40	4.42	23.53	0.89
RAMO A	990	T 200	6.71	51.75	52.13	52.13	52.23	0.020894	1.51	4.94	23.80	0.93
RAMO A	990	T 500	8.34	51.75	52.17	52.17	52.28	0.019677	1.59	5.82	24.26	0.92
RAMO A	960	T 50	4.46	50.36	50.62	50.62	50.70	0.021784	1.31	3.85	24.79	0.91
RAMO A	960	T 100	5.56	50.36	50.65	50.65	50.73	0.021073	1.39	4.54	26.11	0.91
RAMO A	960	T 200	6.71	50.36	50.67	50.67	50.77	0.020363	1.47	5.23	27.14	0.91
RAMO A	960	T 500	8.34	50.36	50.70	50.70	50.81	0.019895	1.57	6.13	28.37	0.92
RAMO A	930	T 50	4.46	48.16	48.69	48.58	48.74	0.007491	0.98	4.61	16.80	0.57
RAMO A	930	T 100	5.56	48.16	48.73	48.62	48.79	0.007758	1.08	5.27	18.07	0.59
RAMO A	930	T 200	6.71	48.16	48.77	48.66	48.83	0.007896	1.17	5.97	19.29	0.60
RAMO A	930	T 500	8.34	48.16	48.82	48.71	48.89	0.007922	1.27	6.95	20.91	0.62
RAMO A	900	T 50	4.46	48.00	48.25	48.25	48.35	0.025513	1.45	3.17	15.49	0.99
RAMO A	900	T 100	5.56	48.00	48.28	48.28	48.40	0.024077	1.54	3.75	16.23	0.98
RAMO A	900	T 200	6.71	48.00	48.31	48.31	48.44	0.023509	1.62	4.29	16.90	0.99
RAMO A	900	T 500	8.34	48.00	48.36	48.36	48.50	0.022298	1.71	5.07	17.82	0.98
RAMO A	870	T 50	4.46	47.63	48.22		48.23	0.000973	0.43	11.87	38.26	0.21
RAMO A	870	T 100	5.56	47.63	48.26		48.26	0.001091	0.48	13.28	38.77	0.23
RAMO A	870	T 200	6.71	47.63	48.29		48.30	0.001176	0.51	14.70	39.29	0.24
RAMO A	870	T 500	8.34	47.63	48.34		48.35	0.001266	0.56	16.60	39.96	0.25
RAMO A	840	T 50	4.46	47.80	48.06	48.06	48.13	0.023928	1.23	3.82	26.10	0.93
RAMO A	840	T 100	5.56	47.80	48.09	48.09	48.17	0.022869	1.31	4.50	27.04	0.93
RAMO A	840	T 200	6.71	47.80	48.11	48.11	48.20	0.022106	1.39	5.17	27.93	0.93
RAMO A	840	T 500	8.34	47.80	48.14	48.14	48.25	0.021236	1.48	6.06	29.08	0.93
RAMO A	810	T 50	4.46	46.43	46.75	46.75	46.85	0.027093	1.45	3.30	16.73	0.93
RAMO A	810	T 100	5.56	46.43	46.78	46.78	46.90	0.025901	1.53	3.95	18.25	0.92
RAMO A	810	T 200	6.71	46.43	46.82	46.82	46.94	0.025393	1.61	4.58	19.61	0.93
RAMO A	810	T 500	8.34	46.43	46.87	46.87	46.99	0.021691	1.63	5.77	25.66	0.88
RAMO A	780	T 50	4.46	45.43	45.68	45.68	45.74	0.033957	1.21	3.91	29.33	0.96
RAMO A	780	T 100	5.56	45.43	45.70	45.70	45.77	0.032748	1.29	4.59	31.21	0.97
RAMO A	780	T 200	6.71	45.43	45.72	45.72	45.80	0.030066	1.35	5.37	33.23	0.95
RAMO A	780	T 500	8.34	45.43	45.76	45.76	45.84	0.022889	1.33	6.83	35.44	0.85
RAMO A	750	T 50	4.46	43.88	44.32		44.38	0.014812	1.09	4.52	23.87	0.69
RAMO A	750	T 100	5.56	43.88	44.37		44.42	0.011960	1.09	5.70	25.55	0.63
RAMO A	750	T 200	6.71	43.88	44.41		44.47	0.010344	1.10	6.82	27.04	0.60

HEC-RAS Plan: Plan 01 River: F2_5 Reach: RAMO A (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)	
RAMO A	750	T 500	8.34	43.88	44.47		44.52	0.009067	1.14	8.30	28.89	0.58
RAMO A	720	T 50	4.46	43.68	44.29		44.30	0.000850	0.40	13.10	37.49	0.18
RAMO A	720	T 100	5.56	43.68	44.34		44.35	0.000888	0.43	14.90	38.07	0.19
RAMO A	720	T 200	6.71	43.68	44.38		44.39	0.000941	0.47	16.51	38.59	0.20
RAMO A	720	T 500	8.34	43.68	44.43		44.44	0.001013	0.51	18.54	39.05	0.21
RAMO A	690	T 50	4.46	43.85	44.26		44.26	0.001526	0.49	11.34	46.47	0.28
RAMO A	690	T 100	5.56	43.85	44.30		44.31	0.001376	0.50	13.63	48.61	0.27
RAMO A	690	T 200	6.71	43.85	44.35		44.36	0.001303	0.53	15.71	49.58	0.27
RAMO A	690	T 500	8.34	43.85	44.40		44.41	0.001247	0.56	18.31	49.80	0.26
RAMO A	660	T 50	4.46	43.75	44.21		44.22	0.001392	0.47	10.33	38.92	0.25
RAMO A	660	T 100	5.56	43.75	44.26		44.27	0.001233	0.49	12.43	40.59	0.24
RAMO A	660	T 200	6.71	43.75	44.31		44.32	0.001183	0.51	14.22	41.36	0.24
RAMO A	660	T 500	8.34	43.75	44.36		44.37	0.001165	0.55	16.42	42.16	0.24
RAMO A	630	T 50	4.46	43.33	44.17		44.19	0.001050	0.50	10.57	31.03	0.21
RAMO A	630	T 100	5.56	43.33	44.23		44.24	0.001116	0.55	12.19	31.73	0.22
RAMO A	630	T 200	6.71	43.33	44.27		44.28	0.001222	0.60	13.54	32.29	0.23
RAMO A	630	T 500	8.34	43.33	44.32		44.34	0.001380	0.67	15.16	32.96	0.25
RAMO A	600	T 50	4.46	43.49	43.94	43.94	44.08	0.030973	1.69	2.64	9.22	1.01
RAMO A	600	T 100	5.56	43.49	44.04	44.04	44.14	0.016964	1.46	4.32	26.61	0.78
RAMO A	600	T 200	6.71	43.49	44.08	44.08	44.18	0.016299	1.52	5.25	26.97	0.77
RAMO A	600	T 500	8.34	43.49	44.12	44.12	44.23	0.016003	1.61	6.33	27.38	0.78
RAMO A	570	T 50	4.46	40.00	40.21	40.21	40.32	0.033901	1.46	3.13	15.15	1.01
RAMO A	570	T 100	5.56	40.00	40.25	40.25	40.37	0.031925	1.57	3.65	15.31	1.00
RAMO A	570	T 200	6.71	40.00	40.28	40.28	40.41	0.030659	1.67	4.15	15.47	1.00
RAMO A	570	T 500	8.34	40.00	40.32	40.32	40.48	0.029276	1.79	4.82	15.67	1.01
RAMO A	540	T 50	4.46	36.00	36.30	36.30	36.45	0.032572	1.72	2.60	9.08	1.02
RAMO A	540	T 100	5.56	36.00	36.35	36.35	36.52	0.029936	1.81	3.06	9.20	1.00
RAMO A	540	T 200	6.71	36.00	36.39	36.39	36.58	0.029044	1.93	3.48	9.31	1.01
RAMO A	540	T 500	8.34	36.00	36.45	36.45	36.67	0.027850	2.06	4.05	9.46	1.00
RAMO A	510	T 50	4.46	32.00	32.66		32.73	0.007186	1.20	3.72	7.00	0.53
RAMO A	510	T 100	5.56	32.00	32.72		32.81	0.008113	1.34	4.15	7.26	0.57
RAMO A	510	T 200	6.71	32.00	32.77		32.88	0.009076	1.47	4.55	7.48	0.60
RAMO A	510	T 500	8.34	32.00	32.84		32.98	0.010249	1.64	5.08	7.77	0.65
RAMO A	480	T 50	4.46	32.00	32.22	32.22	32.33	0.032938	1.46	3.08	14.37	1.00
RAMO A	480	T 100	5.56	32.00	32.25	32.25	32.38	0.033089	1.60	3.52	14.51	1.02
RAMO A	480	T 200	6.71	32.00	32.29	32.29	32.43	0.030372	1.68	4.06	14.68	1.00
RAMO A	480	T 500	8.34	32.00	32.33	32.33	32.50	0.028887	1.80	4.71	14.88	1.00
RAMO A	450	T 50	4.46	28.00	28.20	28.20	28.31	0.034885	1.42	3.17	16.09	1.01
RAMO A	450	T 100	5.56	28.00	28.24	28.24	28.35	0.032705	1.52	3.71	16.28	1.00
RAMO A	450	T 200	6.71	28.00	28.27	28.27	28.40	0.031195	1.61	4.23	16.46	1.00
RAMO A	450	T 500	8.34	28.00	28.31	28.31	28.46	0.030214	1.73	4.90	16.68	1.01
RAMO A	420	T 50	4.46	24.00	24.47	24.47	24.64	0.029092	1.82	2.44	7.17	1.00
RAMO A	420	T 100	5.56	24.00	24.53	24.53	24.72	0.028139	1.92	2.90	7.68	1.00
RAMO A	420	T 200	6.71	24.00	24.58	24.58	24.79	0.027993	2.02	3.32	8.13	1.01
RAMO A	420	T 500	8.34	24.00	24.65	24.65	24.88	0.027151	2.12	3.93	8.73	1.01
RAMO A	390	T 50	4.46	20.25	20.63	20.63	20.77	0.031087	1.61	2.78	10.52	1.00
RAMO A	390	T 100	5.56	20.25	20.68	20.68	20.83	0.030110	1.69	3.29	11.25	1.00
RAMO A	390	T 200	6.71	20.25	20.73	20.73	20.88	0.028742	1.75	3.84	12.79	0.99
RAMO A	390	T 500	8.34	20.25	20.79	20.79	20.95	0.026551	1.80	4.72	15.55	0.97
RAMO A	360	T 50	4.46	19.27	19.59	19.59	19.72	0.030192	1.66	2.75	10.28	0.99
RAMO A	360	T 100	5.56	19.27	19.63	19.63	19.79	0.028652	1.77	3.23	10.59	0.99
RAMO A	360	T 200	6.71	19.27	19.68	19.68	19.85	0.027464	1.87	3.70	10.88	0.99
RAMO A	360	T 500	8.34	19.27	19.73	19.73	19.93	0.026457	1.99	4.32	11.25	0.99
RAMO A	330	T 50	4.46	15.13	15.61	15.61	15.76	0.029823	1.72	2.60	8.57	1.00
RAMO A	330	T 100	5.56	15.13	15.66	15.66	15.83	0.029035	1.81	3.06	9.11	1.00
RAMO A	330	T 200	6.71	15.13	15.71	15.71	15.90	0.028897	1.91	3.51	9.61	1.01
RAMO A	330	T 500	8.34	15.13	15.78	15.78	15.98	0.027352	1.99	4.18	10.31	1.00
RAMO A	300	T 50	4.46	12.00	12.50		12.54	0.004449	0.85	5.26	12.02	0.41
RAMO A	300	T 100	5.56	12.00	12.55		12.59	0.005034	0.95	5.84	12.28	0.44
RAMO A	300	T 200	6.71	12.00	12.60		12.65	0.005430	1.04	6.45	12.56	0.46
RAMO A	300	T 500	8.34	12.00	12.64		12.72	0.006358	1.18	7.08	12.83	0.51
RAMO A	270	T 50	4.46	12.00	12.15	12.15	12.23	0.039450	1.24	3.64	24.80	1.03
RAMO A	270	T 100	5.56	12.00	12.17	12.17	12.26	0.035813	1.31	4.28	24.91	1.00
RAMO A	270	T 200	6.71	12.00	12.19	12.19	12.30	0.037343	1.43	4.74	24.98	1.04
RAMO A	270	T 500	8.34	12.00	12.23	12.23	12.34	0.033005	1.51	5.62	25.13	1.01
RAMO A	240	T 50	4.46	8.00	8.53		8.61	0.009657	1.29	3.60	8.45	0.61

HEC-RAS Plan: Plan 01 River: F2_5 Reach: RAMO A (Continued)

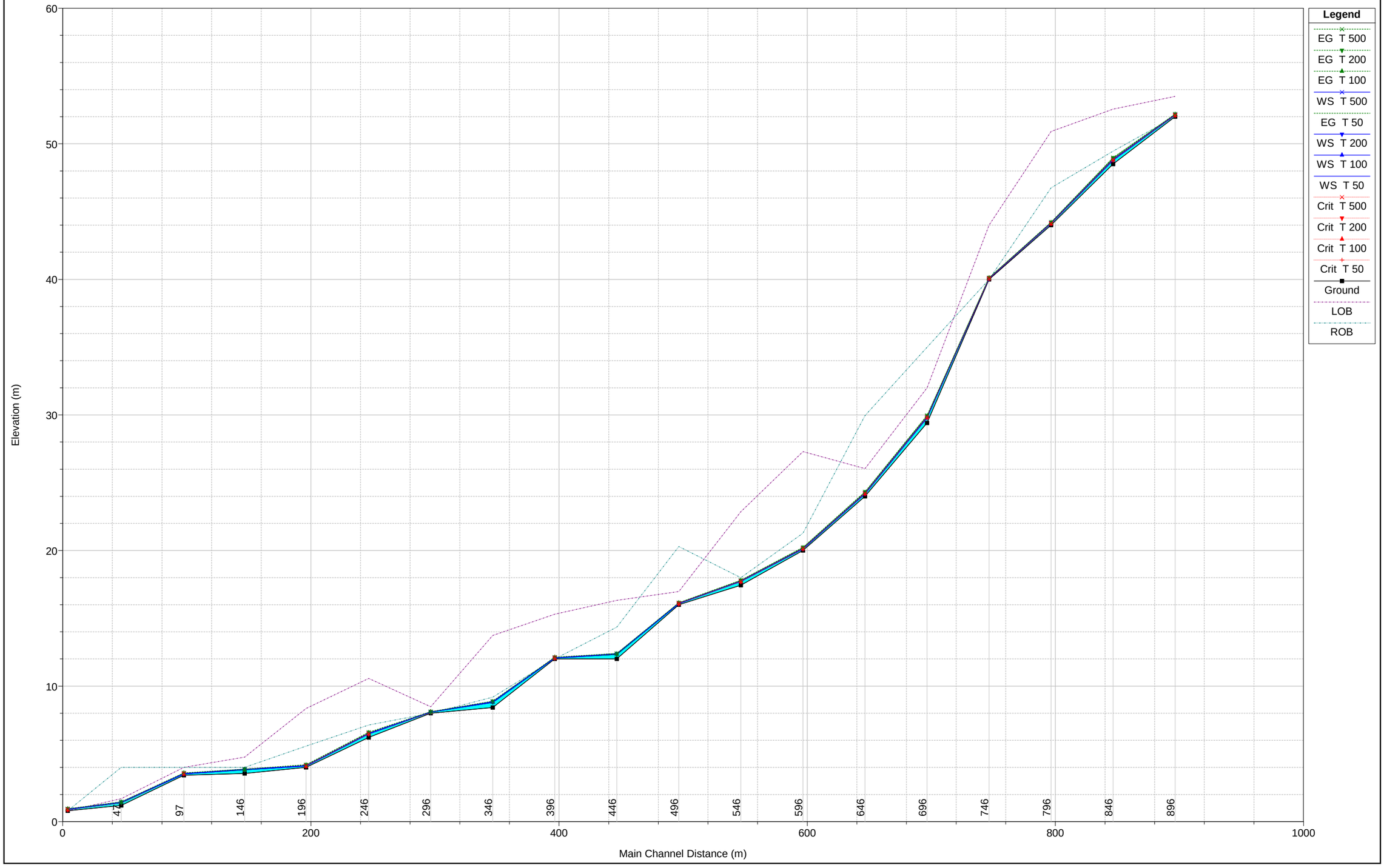
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
RAMO A	240	T 100	5.56	8.00	8.58		8.68	0.010742	1.44	4.04	8.76	0.65
RAMO A	240	T 200	6.71	8.00	8.62		8.74	0.011773	1.58	4.46	9.05	0.69
RAMO A	240	T 500	8.34	8.00	8.68		8.83	0.013131	1.75	4.99	9.40	0.73
RAMO A	210	T 50	4.46	8.00	8.42		8.44	0.003053	0.67	6.80	17.36	0.34
RAMO A	210	T 100	5.56	8.00	8.46		8.49	0.003381	0.75	7.57	17.58	0.36
RAMO A	210	T 200	6.71	8.00	8.50		8.54	0.003688	0.82	8.30	17.79	0.38
RAMO A	210	T 500	8.34	8.00	8.55		8.59	0.004197	0.93	9.14	18.02	0.41
RAMO A	180	T 50	4.46	8.00	8.14	8.14	8.21	0.038865	1.18	3.80	27.33	1.01
RAMO A	180	T 100	5.56	8.00	8.16	8.16	8.24	0.036350	1.26	4.43	27.43	1.00
RAMO A	180	T 200	6.71	8.00	8.19	8.19	8.28	0.034849	1.34	5.02	27.51	1.00
RAMO A	180	T 500	8.34	8.00	8.21	8.21	8.32	0.033221	1.44	5.81	27.63	1.00
RAMO A	150	T 50	4.46	4.00	4.56		4.60	0.004352	0.86	5.21	11.52	0.41
RAMO A	150	T 100	5.56	4.00	4.62		4.66	0.004846	0.95	5.85	11.96	0.43
RAMO A	150	T 200	6.71	4.00	4.67		4.72	0.005267	1.04	6.47	12.38	0.46
RAMO A	150	T 500	8.34	4.00	4.74		4.80	0.005747	1.14	7.31	12.91	0.48
RAMO A	120	T 50	4.46	4.00	4.51		4.52	0.001465	0.52	8.75	18.79	0.24
RAMO A	120	T 100	5.56	4.00	4.56		4.58	0.001663	0.59	9.68	19.11	0.26
RAMO A	120	T 200	6.71	4.00	4.61		4.63	0.001830	0.65	10.60	19.42	0.28
RAMO A	120	T 500	8.34	4.00	4.67		4.70	0.002020	0.73	11.82	19.83	0.29
RAMO A	90	T 50	4.46	4.00	4.46	4.20	4.47	0.001965	0.56	8.03	19.23	0.27
RAMO A	90	T 100	5.56	4.00	4.50		4.52	0.002282	0.64	8.82	19.52	0.30
RAMO A	90	T 200	6.71	4.00	4.54		4.56	0.002545	0.71	9.61	19.81	0.32
RAMO A	90	T 500	8.34	4.00	4.59		4.62	0.002827	0.80	10.69	20.21	0.34
RAMO A	30	T 50	4.46	4.00	4.11	4.11	4.18	0.023703	1.04	4.15	36.64	0.99
RAMO A	30	T 100	5.56	4.00	4.14	4.14	4.21	0.019802	1.08	5.01	36.77	0.93
RAMO A	30	T 200	6.71	4.00	4.15	4.15	4.23	0.019406	1.16	5.64	36.86	0.94
RAMO A	30	T 500	8.34	4.00	4.18	4.18	4.27	0.017942	1.23	6.59	37.00	0.93

IL BACINO CALA DELFINO

Bacino A

DELFINO-A Plan: 1) Plan 01

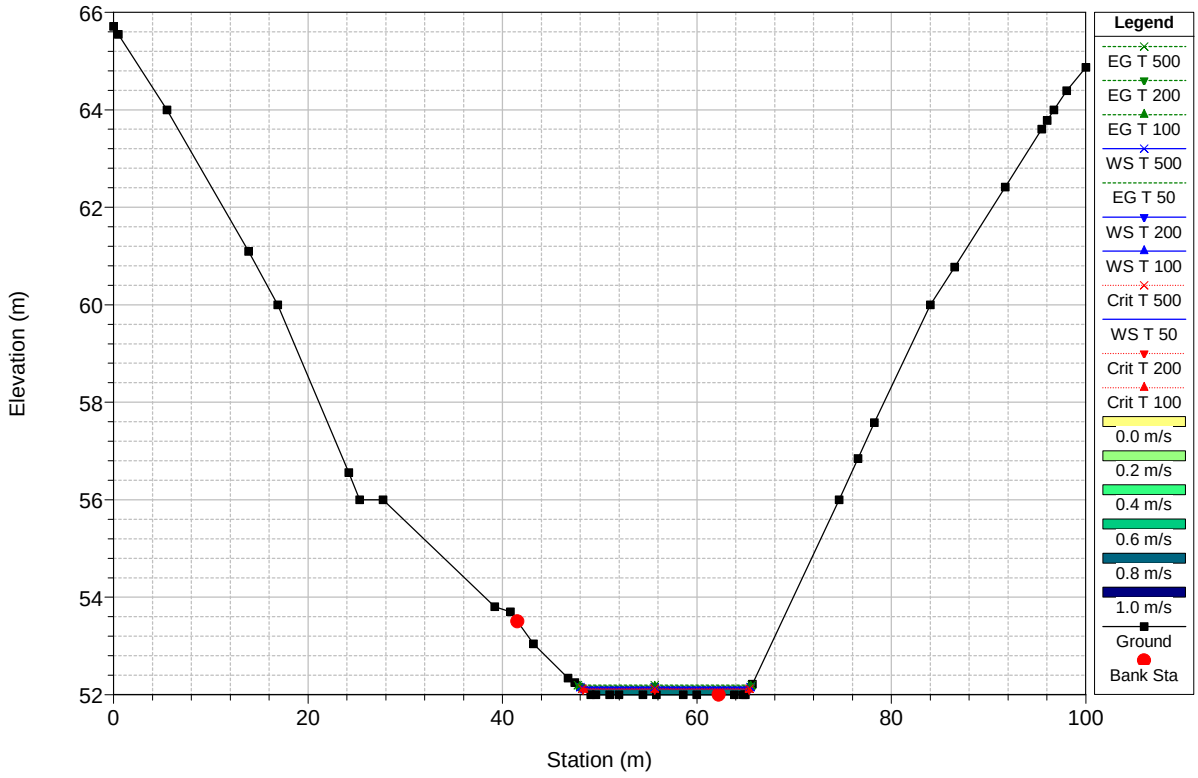
Geom: SI Flow: Flow 01



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

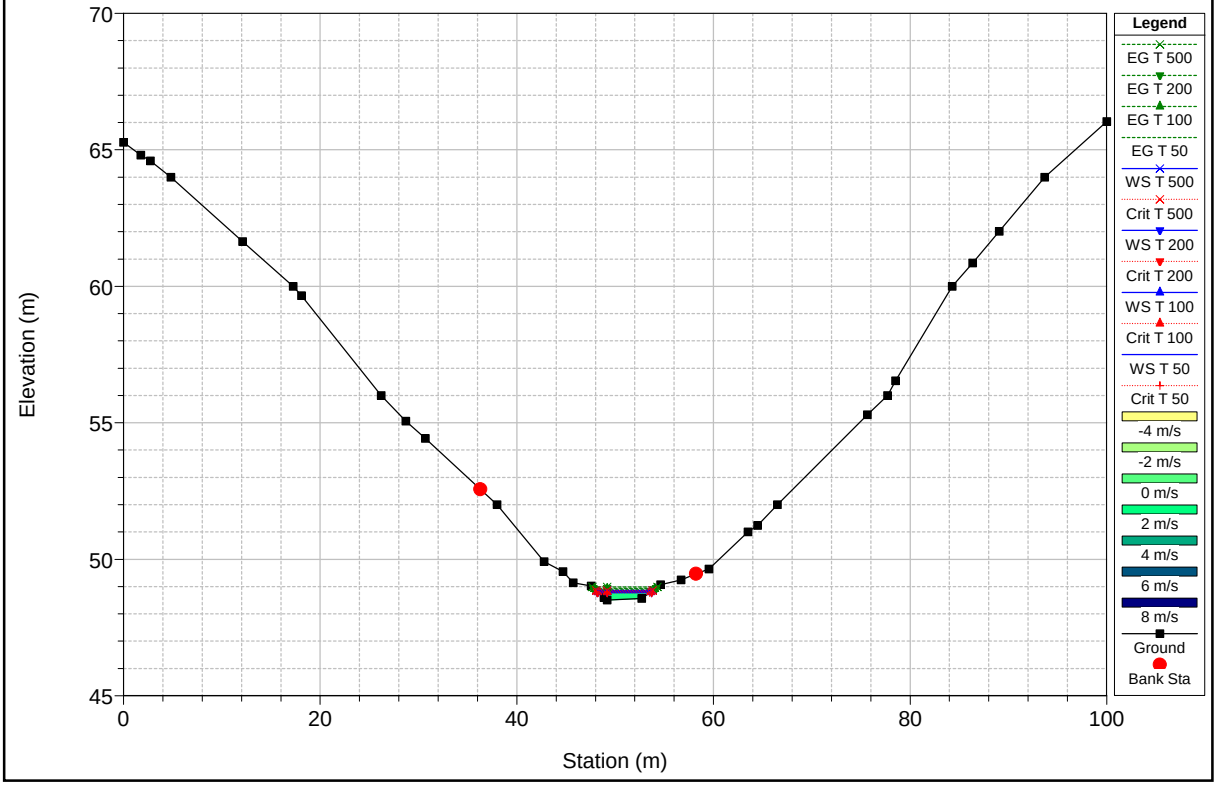
River = Cala Delfino Reach = Tronco A RS = 896



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

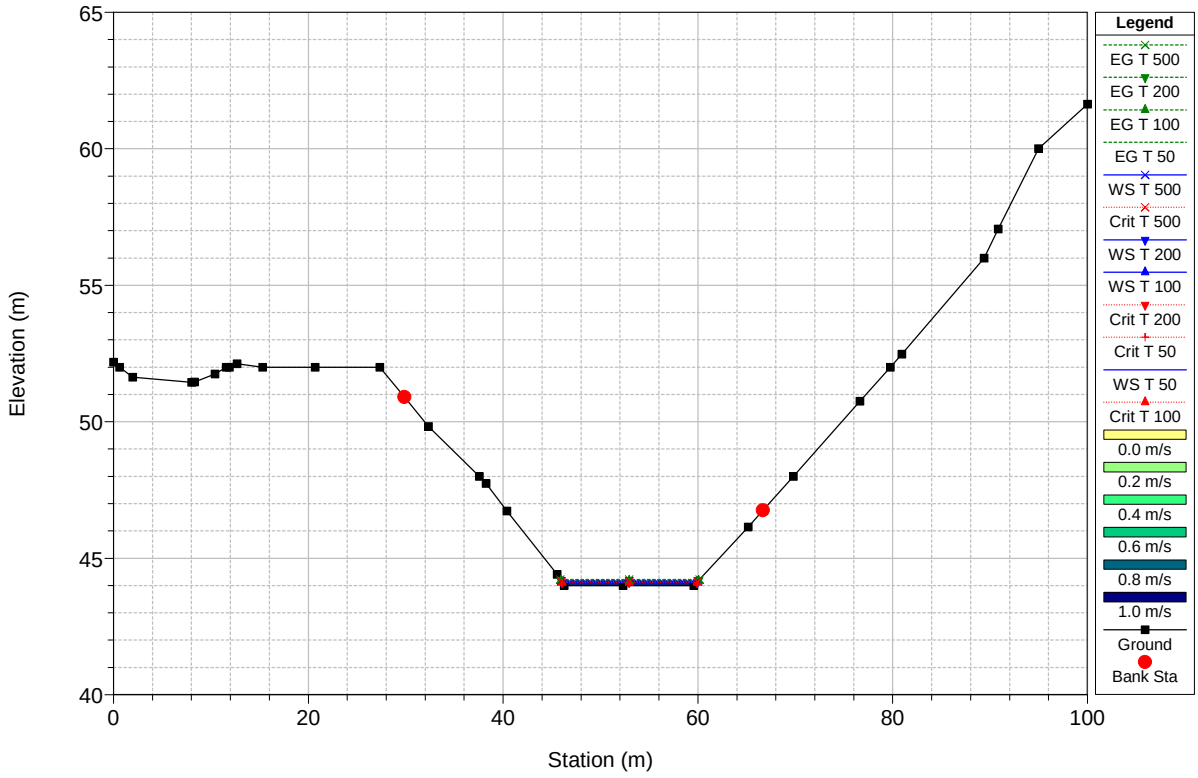
River = Cala Delfino Reach = Tronco A RS = 846



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

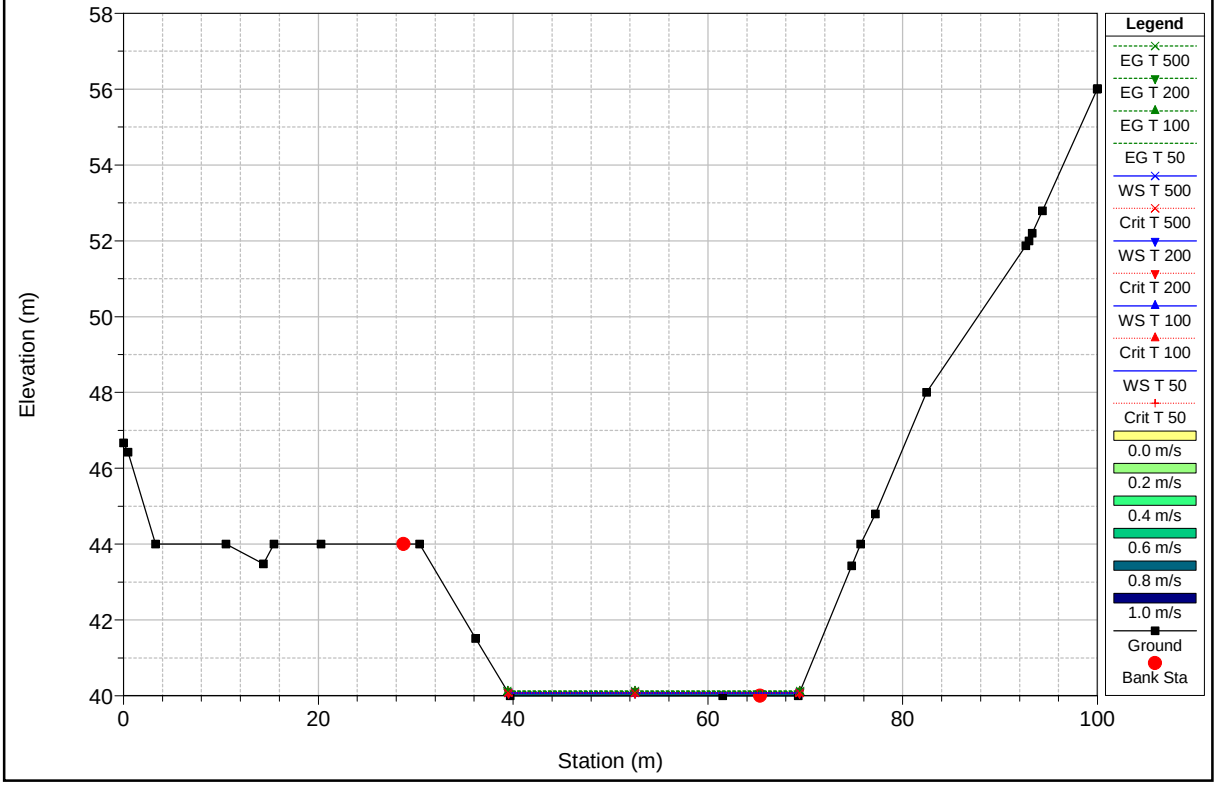
River = Cala Delfino Reach = Tronco A RS = 796



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

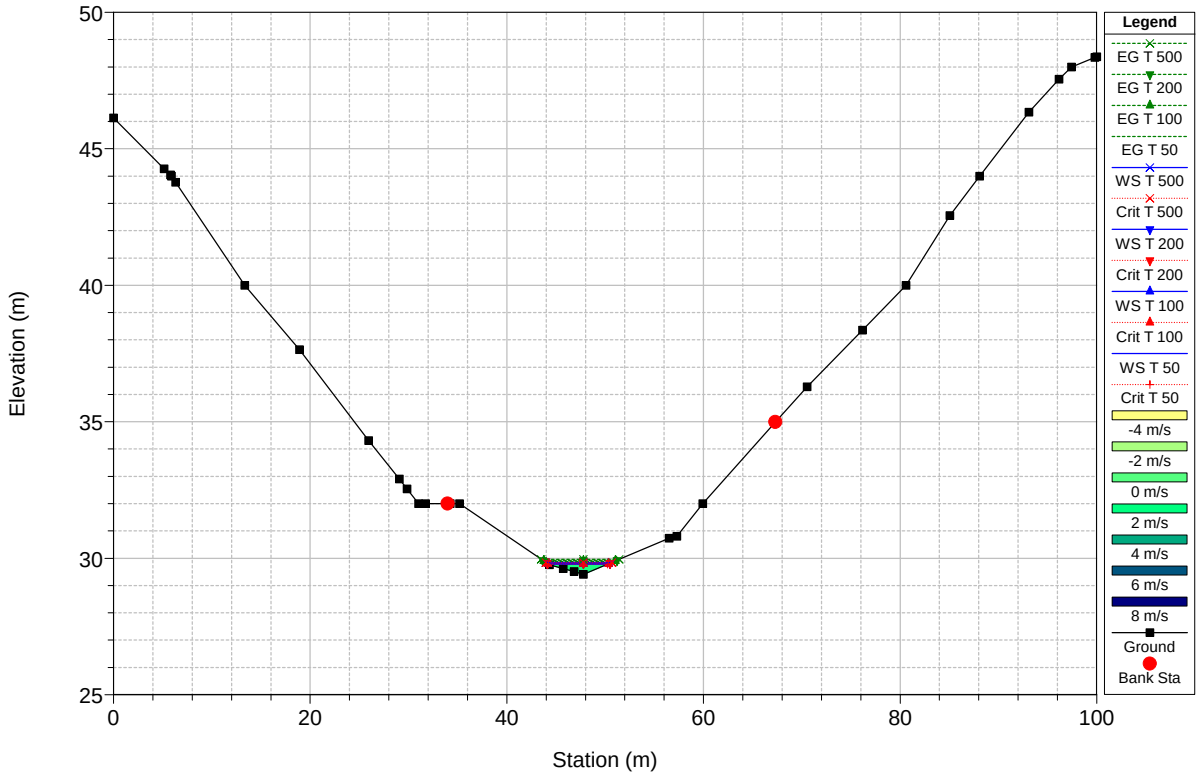
River = Cala Delfino Reach = Tronco A RS = 746



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

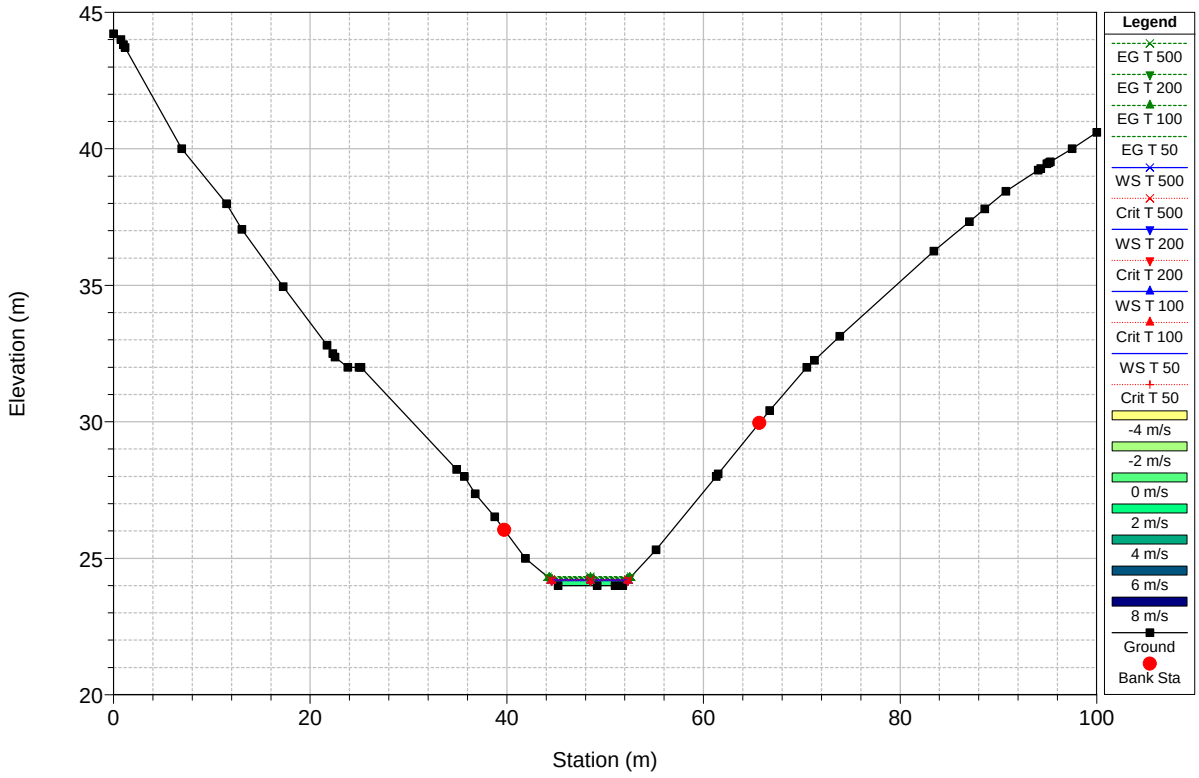
River = Cala Delfino Reach = Tronco A RS = 696



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

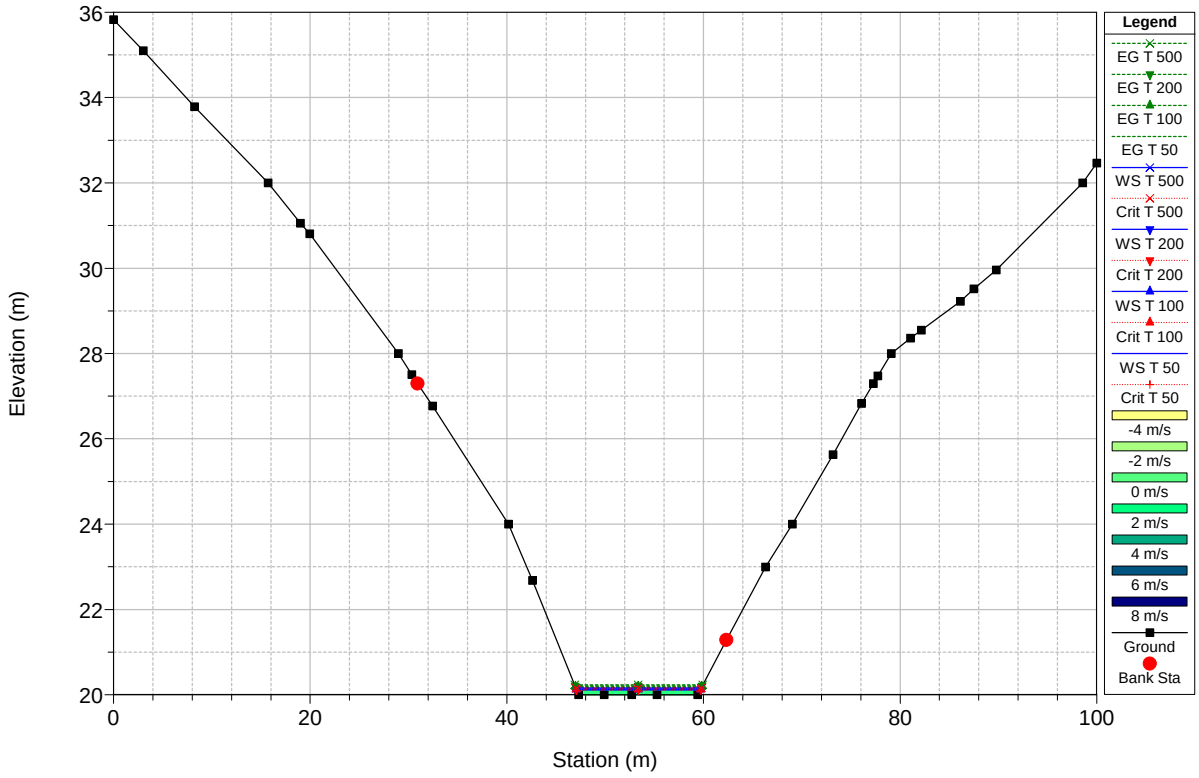
River = Cala Delfino Reach = Tronco A RS = 646



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

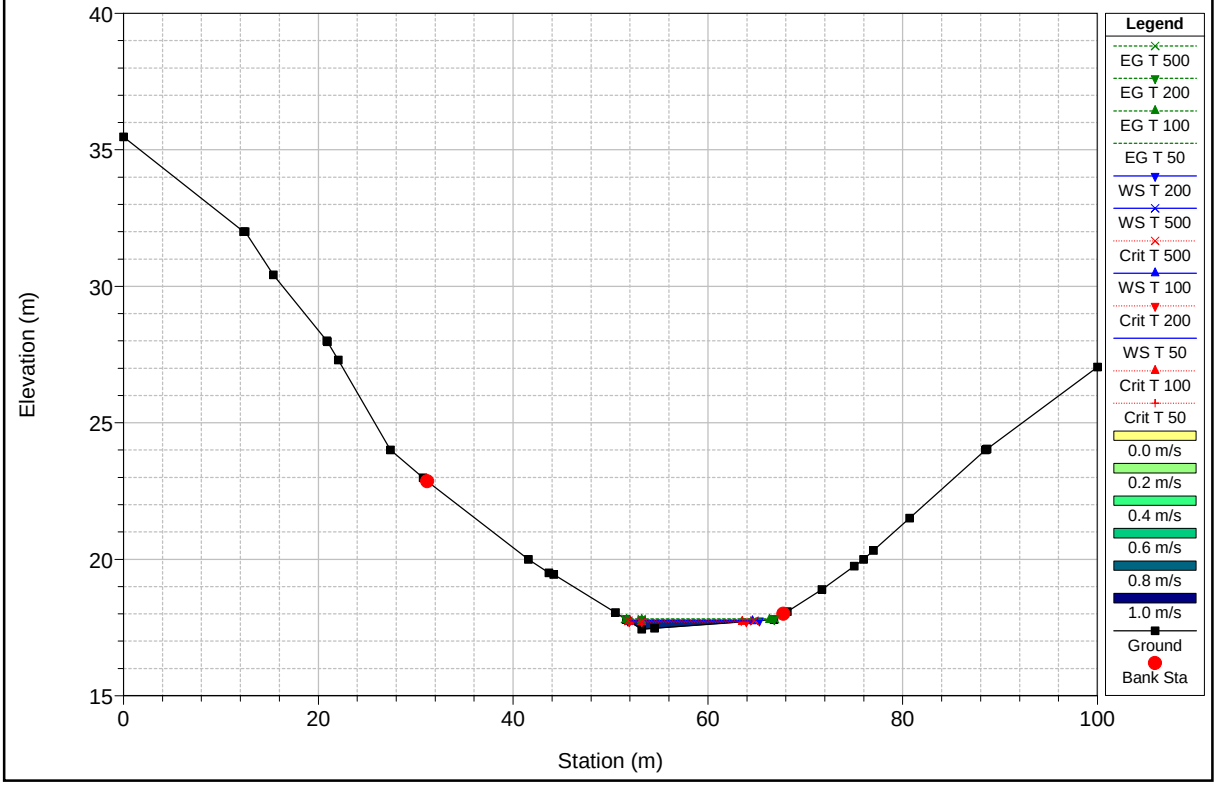
River = Cala Delfino Reach = Tronco A RS = 596



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

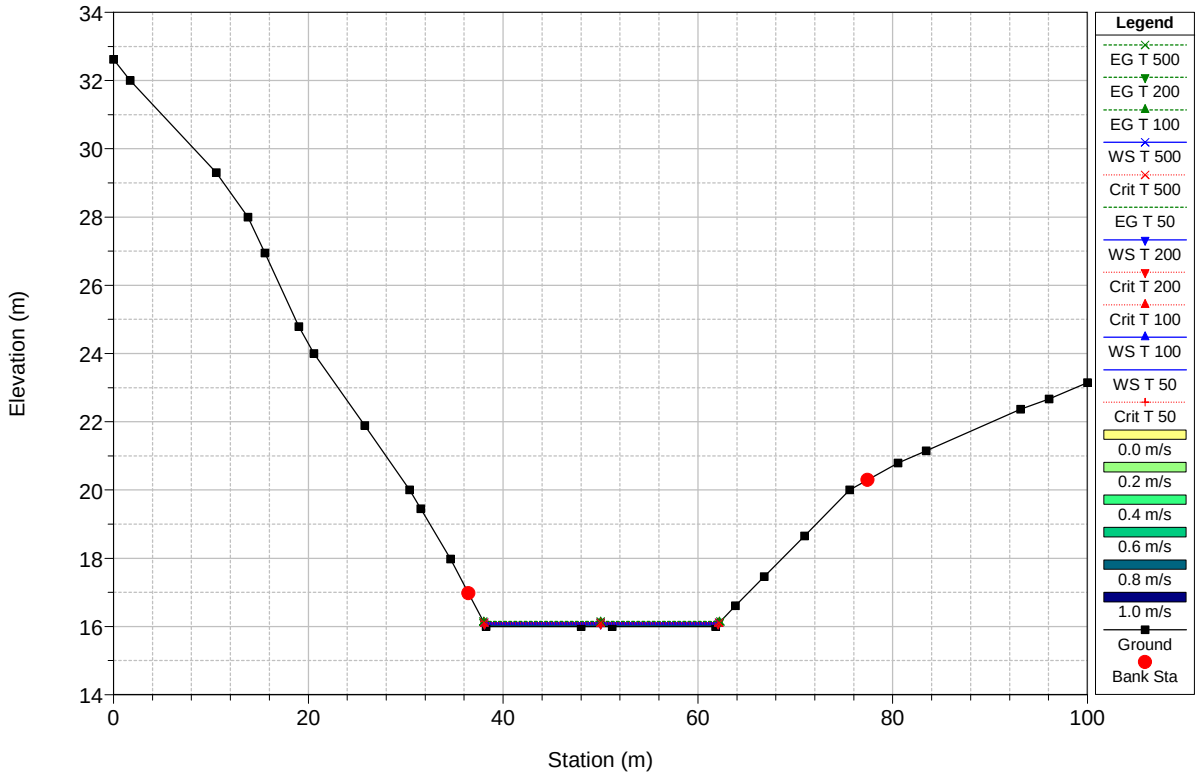
River = Cala Delfino Reach = Tronco A RS = 546



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

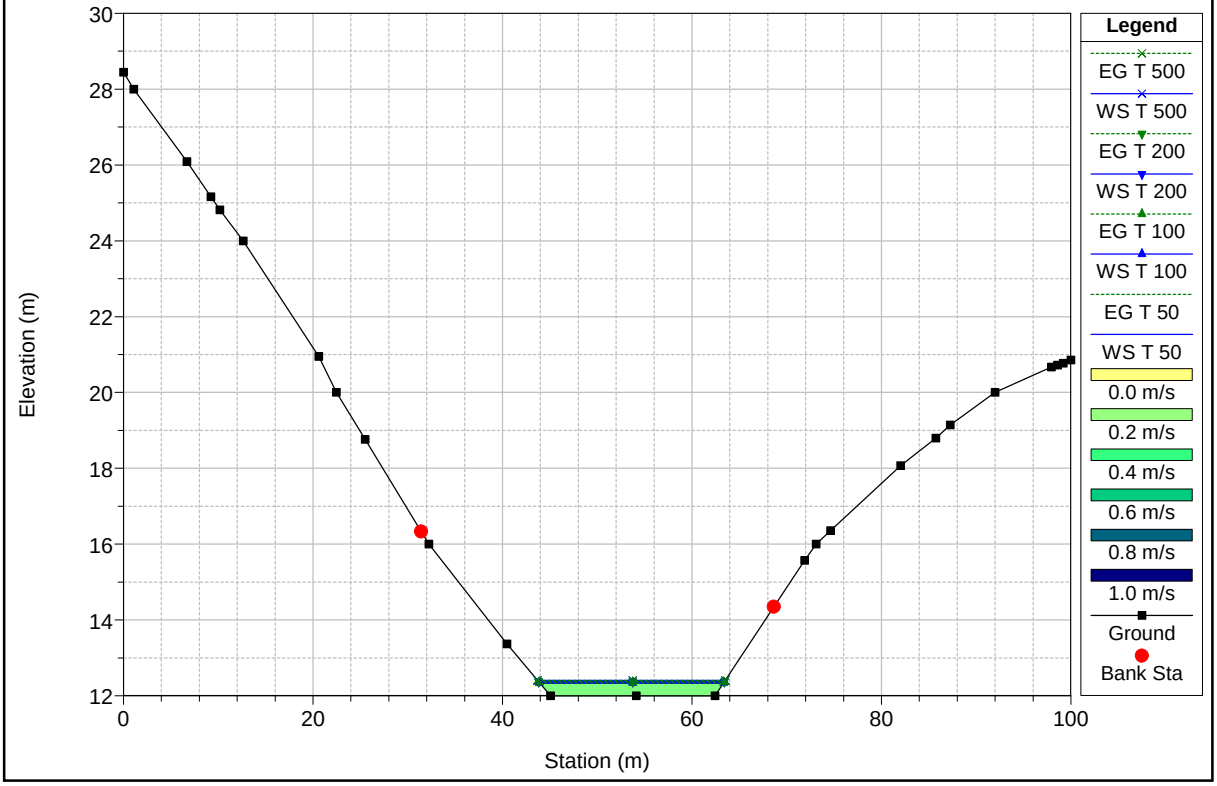
River = Cala Delfino Reach = Tronco A RS = 496



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

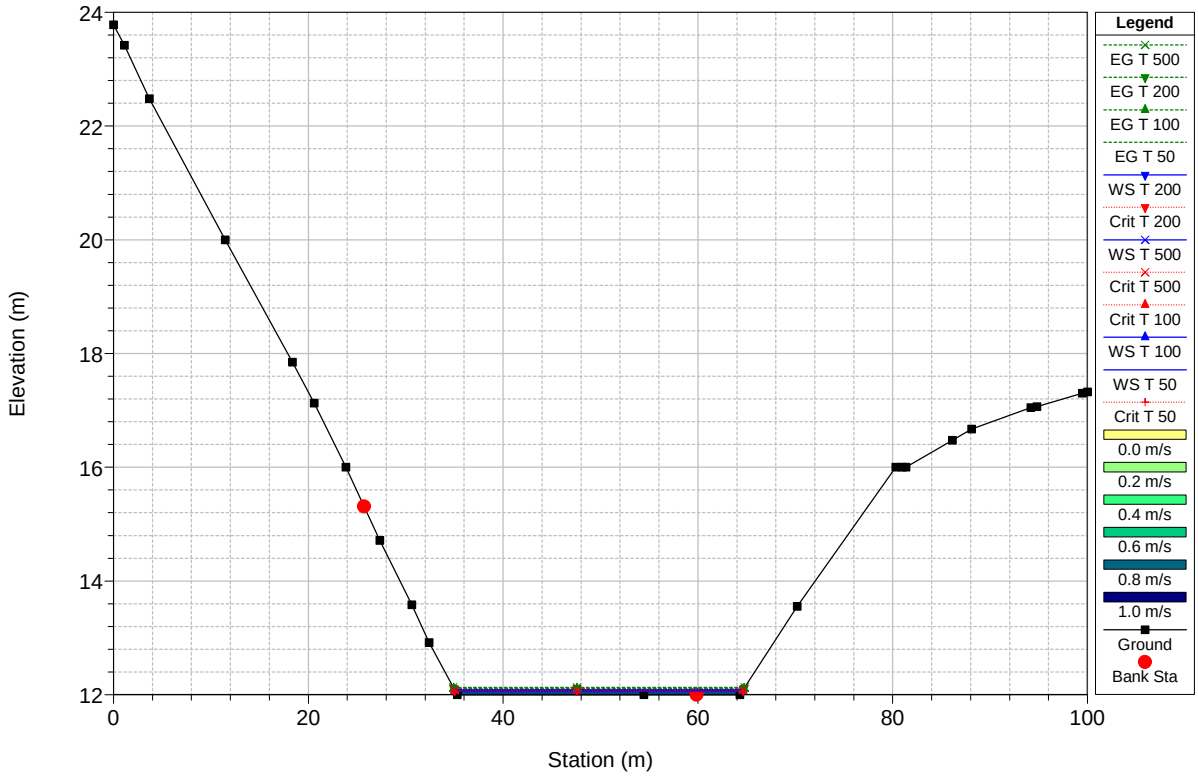
River = Cala Delfino Reach = Tronco A RS = 446



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

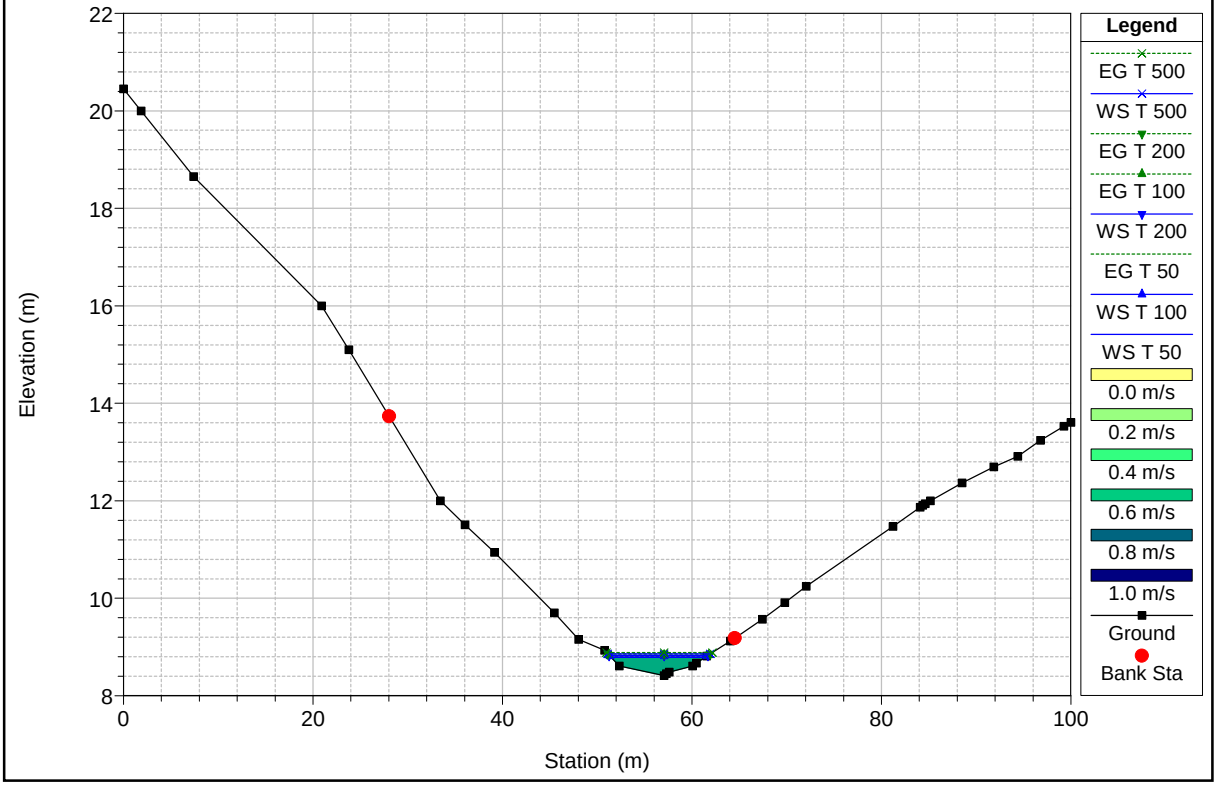
River = Cala Delfino Reach = Tronco A RS = 396



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

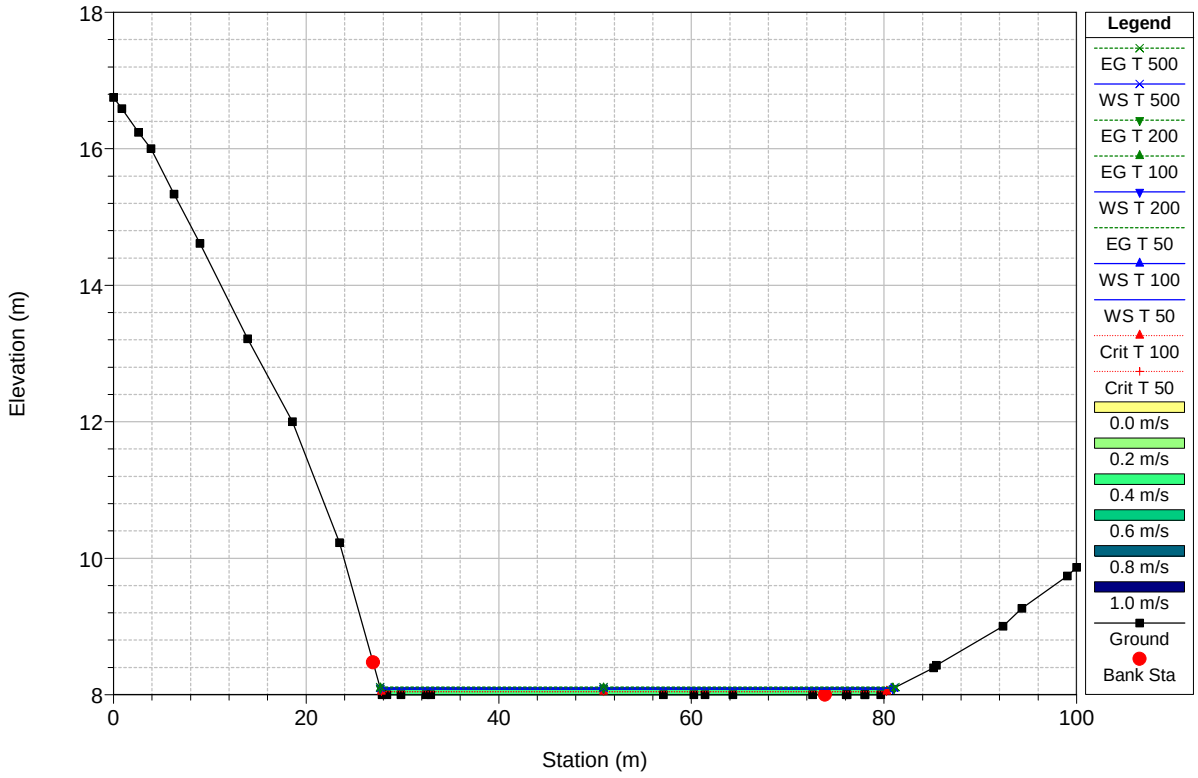
River = Cala Delfino Reach = Tronco A RS = 346



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

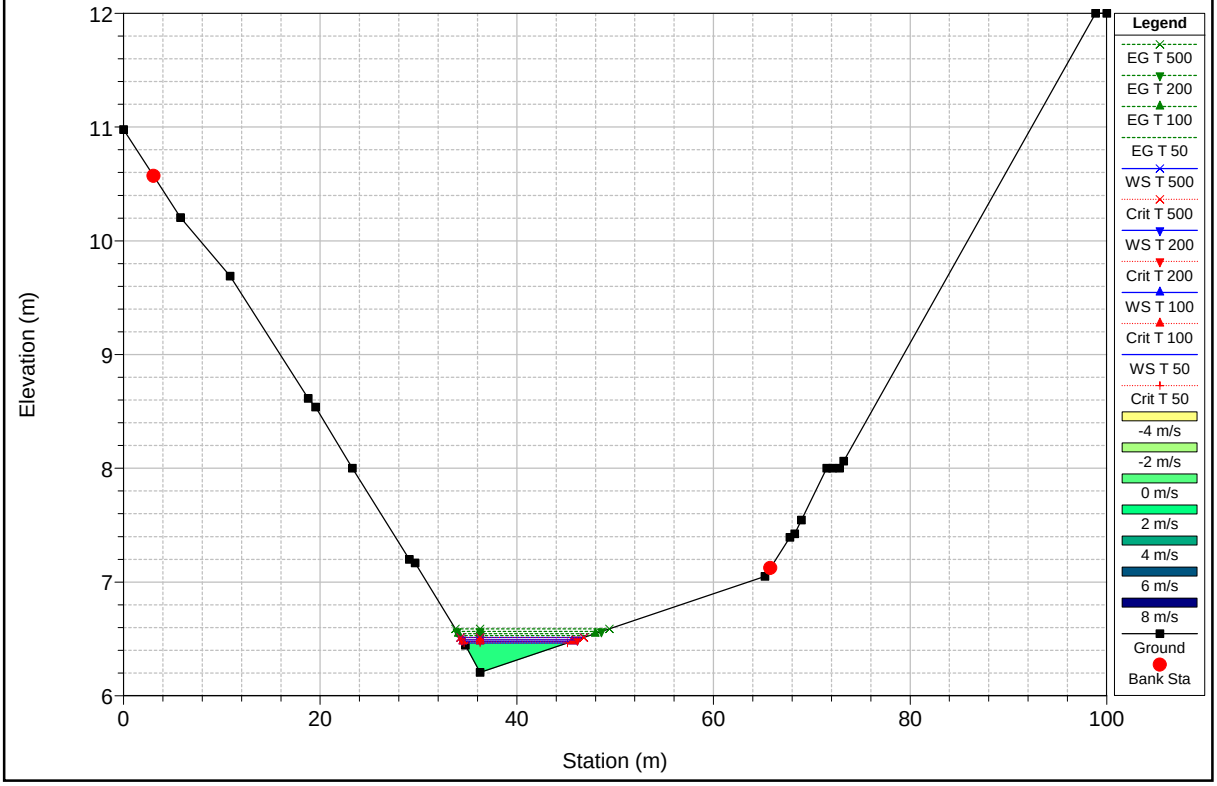
River = Cala Delfino Reach = Tronco A RS = 296



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

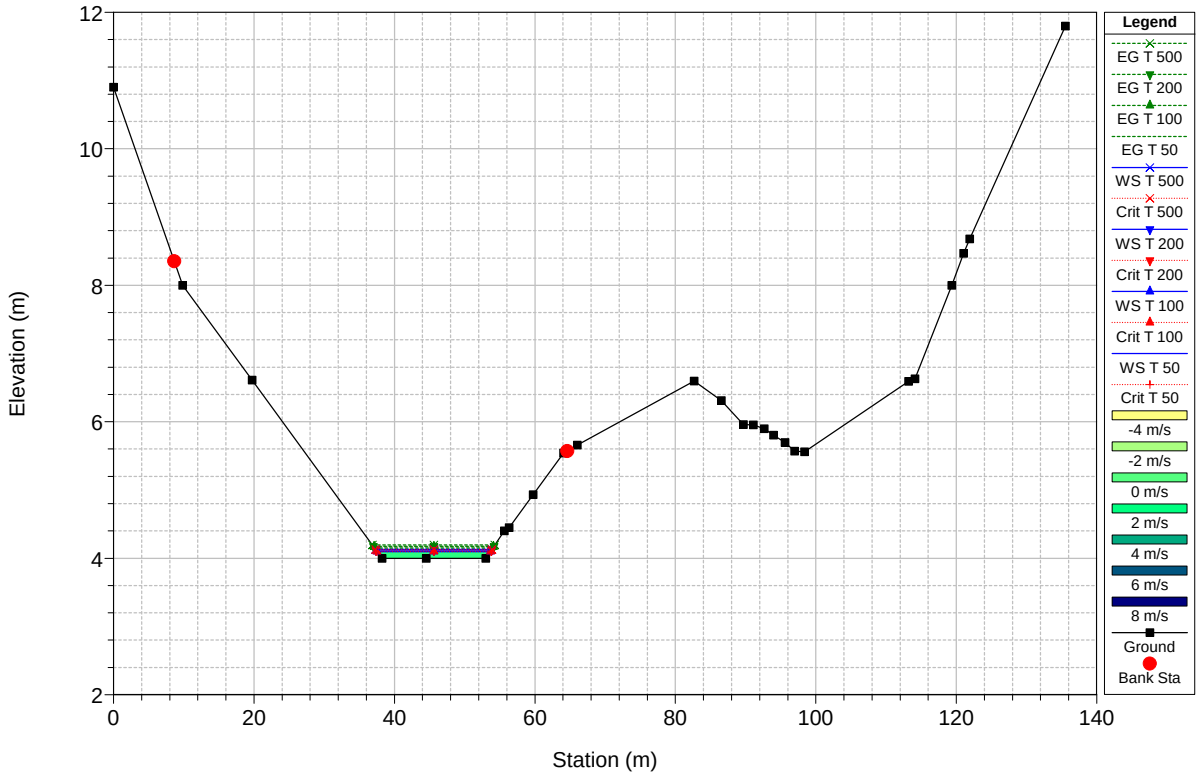
River = Cala Delfino Reach = Tronco A RS = 246



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

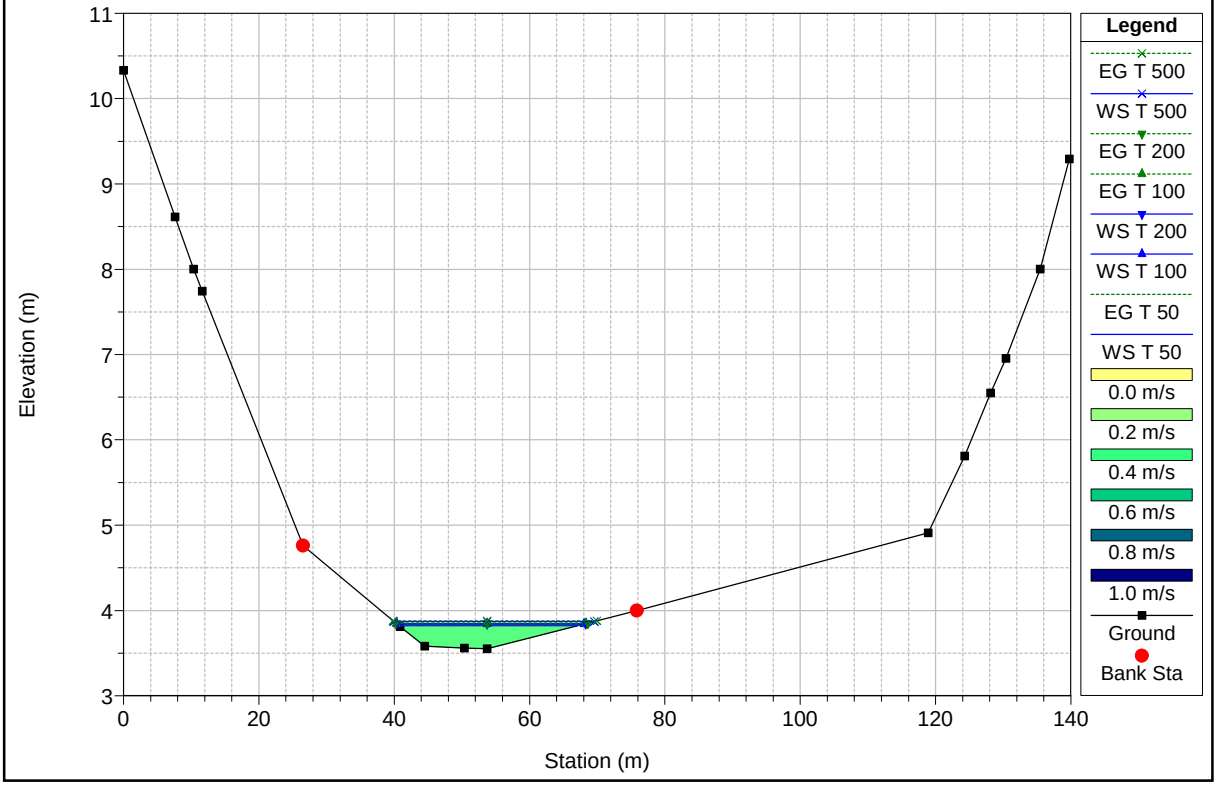
River = Cala Delfino Reach = Tronco A RS = 196



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

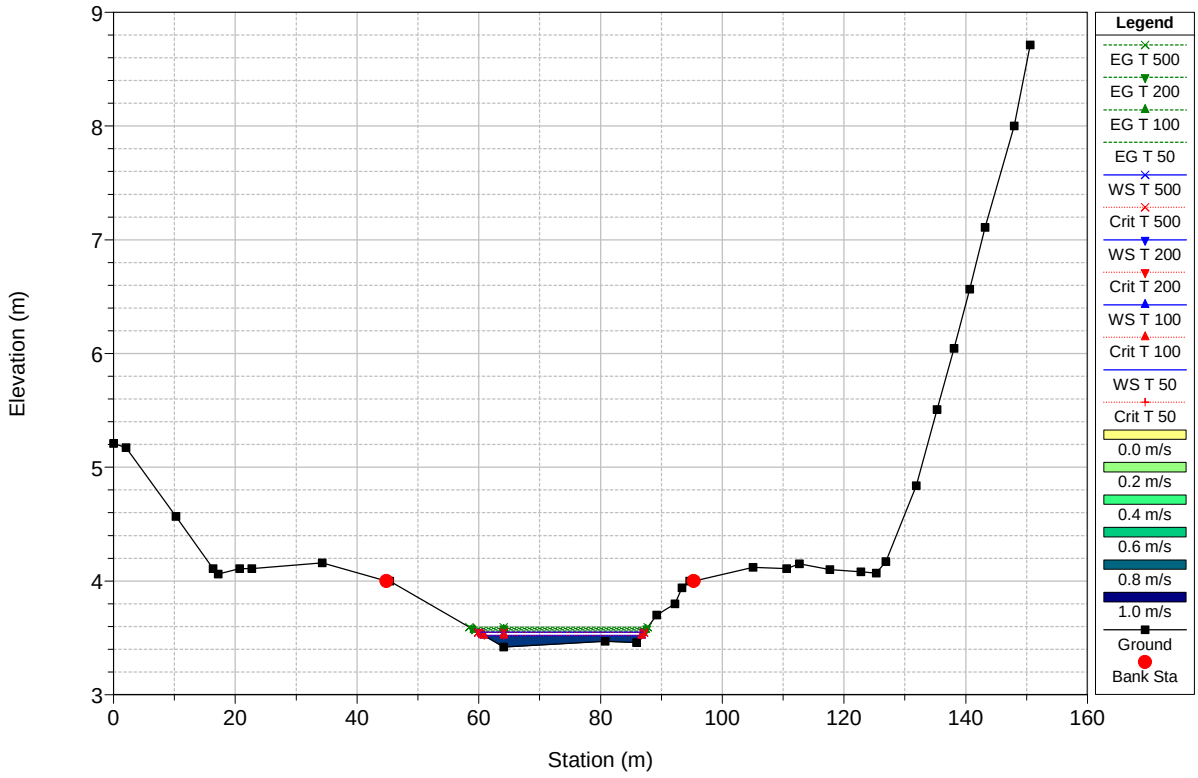
River = Cala Delfino Reach = Tronco A RS = 146



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

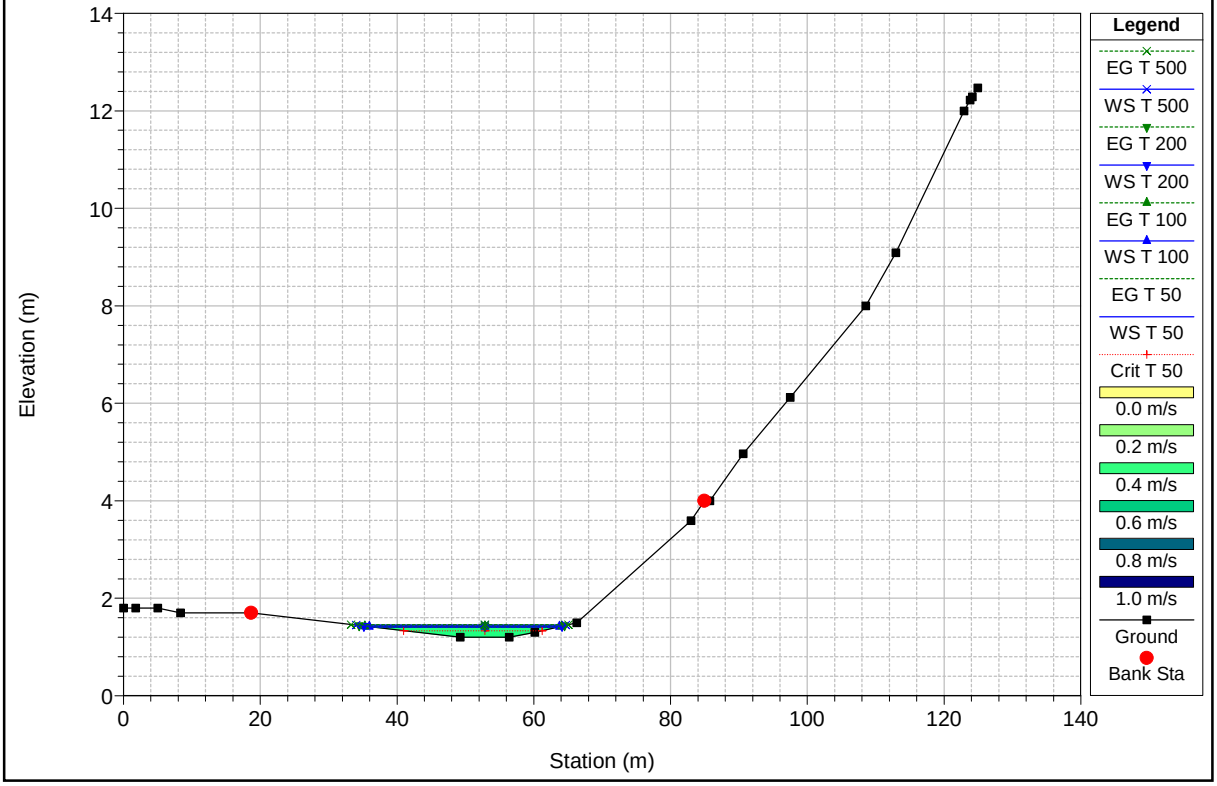
River = Cala Delfino Reach = Tronco A RS = 97



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

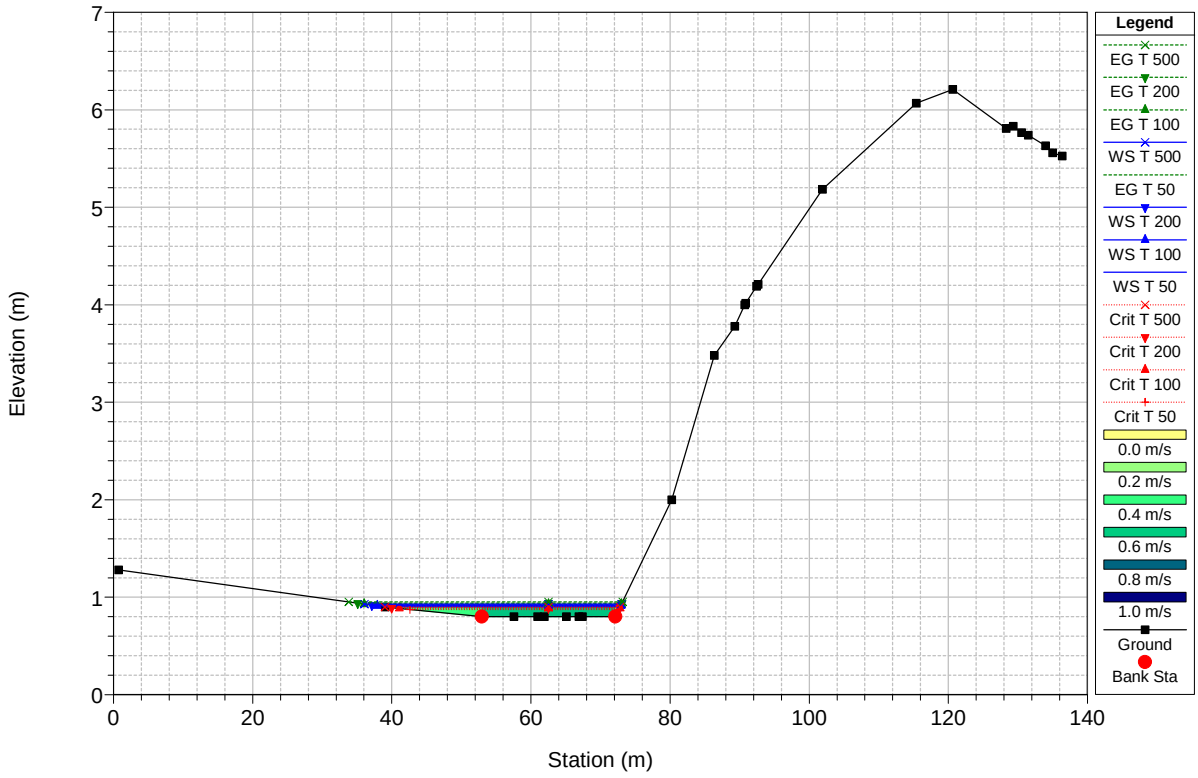
River = Cala Delfino Reach = Tronco A RS = 47



DELFINO-A Plan: 1) Plan 01

Geom: SI Flow: Flow 01

River = Cala Delfino Reach = Tronco A RS = 4



HEC-RAS Plan:

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)	
Tronco A	896	T 50	0.75	52.00	52.08		52.10	0.019254	0.57	1.32	16.72	0.65
Tronco A	896	T 100	0.93	52.00	52.09		52.11	0.019524	0.62	1.50	16.83	0.66
Tronco A	896	T 200	1.12	52.00	52.10		52.12	0.020141	0.67	1.67	16.93	0.68
Tronco A	896	T 500	1.40	52.00	52.12		52.14	0.020535	0.74	1.90	17.07	0.71
Tronco A	846	T 50	0.75	48.51	48.69	48.69	48.76	0.039318	1.17	0.64	4.63	1.01
Tronco A	846	T 100	0.93	48.51	48.72	48.72	48.80	0.038028	1.25	0.75	4.79	1.01
Tronco A	846	T 200	1.12	48.51	48.74	48.74	48.83	0.035924	1.30	0.86	4.95	1.00
Tronco A	846	T 500	1.40	48.51	48.77	48.77	48.87	0.034637	1.38	1.01	5.15	1.00
Tronco A	796	T 50	0.75	44.00	44.08	44.07	44.11	0.025286	0.67	1.12	13.68	0.74
Tronco A	796	T 100	0.93	44.00	44.10	44.08	44.12	0.022683	0.70	1.32	13.75	0.72
Tronco A	796	T 200	1.12	44.00	44.09	44.09	44.13	0.037482	0.88	1.27	13.73	0.92
Tronco A	796	T 500	1.40	44.00	44.12	44.10	44.16	0.027182	0.87	1.61	13.84	0.81
Tronco A	746	T 50	0.75	40.00	40.04	40.04	40.06	0.062578	0.64	1.17	29.72	1.03
Tronco A	746	T 100	0.93	40.00	40.04	40.04	40.07	0.075499	0.74	1.26	29.74	1.15
Tronco A	746	T 200	1.12	40.00	40.06	40.06	40.08	0.038249	0.65	1.72	29.80	0.86
Tronco A	746	T 500	1.40	40.00	40.06	40.06	40.09	0.056725	0.80	1.75	29.80	1.05
Tronco A	696	T 50	0.75	29.40	29.69	29.69	29.76	0.039777	1.18	0.64	4.59	1.01
Tronco A	696	T 100	0.93	29.40	29.72	29.72	29.79	0.037357	1.22	0.76	5.04	1.00
Tronco A	696	T 200	1.12	29.40	29.74	29.74	29.82	0.037701	1.28	0.88	5.40	1.01
Tronco A	696	T 500	1.40	29.40	29.77	29.77	29.86	0.035282	1.32	1.06	5.87	1.00
Tronco A	646	T 50	0.75	24.00	24.11	24.11	24.16	0.042526	1.01	0.74	7.20	1.00
Tronco A	646	T 100	0.93	24.00	24.12	24.12	24.18	0.044202	1.10	0.84	7.28	1.04
Tronco A	646	T 200	1.12	24.00	24.14	24.14	24.21	0.039431	1.14	0.98	7.39	1.00
Tronco A	646	T 500	1.40	24.00	24.16	24.16	24.24	0.037422	1.22	1.15	7.52	1.00
Tronco A	596	T 50	0.75	20.00	20.07	20.07	20.11	0.049213	0.85	0.89	12.39	1.01
Tronco A	596	T 100	0.93	20.00	20.08	20.08	20.13	0.057177	0.97	0.96	12.41	1.11
Tronco A	596	T 200	1.12	20.00	20.11	20.11	20.14	0.028655	0.84	1.33	12.53	0.82
Tronco A	596	T 500	1.40	20.00	20.11	20.11	20.16	0.042494	1.04	1.35	12.54	1.01
Tronco A	546	T 50	0.75	17.44	17.66	17.63	17.69	0.018237	0.69	1.08	9.66	0.66
Tronco A	546	T 100	0.93	17.44	17.66	17.64	17.70	0.028184	0.86	1.08	9.65	0.82
Tronco A	546	T 200	1.12	17.44	17.69	17.66	17.73	0.020036	0.80	1.41	11.04	0.71
Tronco A	546	T 500	1.40	17.44	17.71	17.68	17.75	0.023692	0.90	1.56	11.63	0.78
Tronco A	496	T 50	0.75	16.00	16.04	16.04	16.07	0.071524	0.73	1.03	23.77	1.12
Tronco A	496	T 100	0.93	16.00	16.06	16.06	16.08	0.037530	0.66	1.42	23.86	0.86
Tronco A	496	T 200	1.12	16.00	16.06	16.06	16.09	0.061786	0.82	1.37	23.85	1.09
Tronco A	496	T 500	1.40	16.00	16.07	16.07	16.11	0.047986	0.83	1.69	23.92	1.00
Tronco A	446	T 50	0.75	12.00	12.24		12.24	0.000420	0.17	4.37	18.82	0.11
Tronco A	446	T 100	0.93	12.00	12.26		12.26	0.000504	0.20	4.72	18.93	0.13
Tronco A	446	T 200	1.12	12.00	12.28		12.29	0.000541	0.22	5.18	19.08	0.13
Tronco A	446	T 500	1.40	12.00	12.32		12.32	0.000586	0.24	5.81	19.27	0.14
Tronco A	396	T 50	0.75	12.00	12.03	12.03	12.06	0.101869	0.75	1.00	29.27	1.29
Tronco A	396	T 100	0.93	12.00	12.05	12.05	12.07	0.058417	0.69	1.35	29.35	1.03
Tronco A	396	T 200	1.12	12.00	12.05	12.05	12.08	0.053178	0.72	1.55	29.40	1.00
Tronco A	396	T 500	1.40	12.00	12.06	12.06	12.09	0.059814	0.82	1.71	29.44	1.08
Tronco A	346	T 50	0.75	8.41	8.71		8.72	0.005430	0.50	1.50	8.90	0.39
Tronco A	346	T 100	0.93	8.41	8.73		8.75	0.005462	0.54	1.73	9.21	0.40
Tronco A	346	T 200	1.12	8.41	8.75		8.77	0.005758	0.58	1.93	9.47	0.41
Tronco A	346	T 500	1.40	8.41	8.78		8.80	0.006149	0.64	2.19	9.81	0.43
Tronco A	296	T 50	0.75	8.00	8.05		8.05	0.008719	0.28	2.65	52.57	0.40
Tronco A	296	T 100	0.93	8.00	8.06	8.03	8.06	0.009230	0.32	2.97	52.66	0.42
Tronco A	296	T 200	1.12	8.00	8.06	8.04	8.07	0.008678	0.33	3.38	52.79	0.42
Tronco A	296	T 500	1.40	8.00	8.07	8.04	8.08	0.008663	0.36	3.87	52.94	0.43
Tronco A	246	T 50	0.75	6.21	6.40	6.40	6.45	0.042902	0.97	0.77	7.91	1.00
Tronco A	246	T 100	0.93	6.21	6.42	6.42	6.47	0.037499	0.98	0.95	8.80	0.95
Tronco A	246	T 200	1.12	6.21	6.43	6.43	6.49	0.040713	1.05	1.06	9.29	1.00
Tronco A	246	T 500	1.40	6.21	6.46	6.46	6.52	0.039456	1.10	1.27	10.17	0.99
Tronco A	196	T 50	0.75	4.00	4.07	4.07	4.10	0.035489	0.70	1.07	15.73	0.85
Tronco A	196	T 100	0.93	4.00	4.07	4.07	4.11	0.059887	0.89	1.04	15.71	1.10
Tronco A	196	T 200	1.12	4.00	4.08	4.08	4.12	0.046399	0.89	1.27	15.90	1.00
Tronco A	196	T 500	1.40	4.00	4.09	4.09	4.14	0.047202	0.97	1.44	16.05	1.03
Tronco A	146	T 50	0.75	3.55	3.76		3.76	0.001559	0.25	3.05	22.12	0.21
Tronco A	146	T 100	0.93	3.55	3.77		3.77	0.001772	0.27	3.40	23.13	0.23
Tronco A	146	T 200	1.12	3.55	3.79		3.79	0.001990	0.30	3.72	24.04	0.24
Tronco A	146	T 500	1.40	3.55	3.81		3.82	0.002009	0.32	4.36	25.71	0.25
Tronco A	97	T 50	0.75	3.42	3.49	3.49	3.52	0.070501	0.82	0.91	24.37	1.35
Tronco A	97	T 100	0.93	3.42	3.50	3.50	3.53	0.037131	0.73	1.27	25.04	1.03
Tronco A	97	T 200	1.12	3.42	3.51	3.51	3.54	0.032833	0.75	1.48	25.43	1.00

HEC-RAS Plan: (Continued)

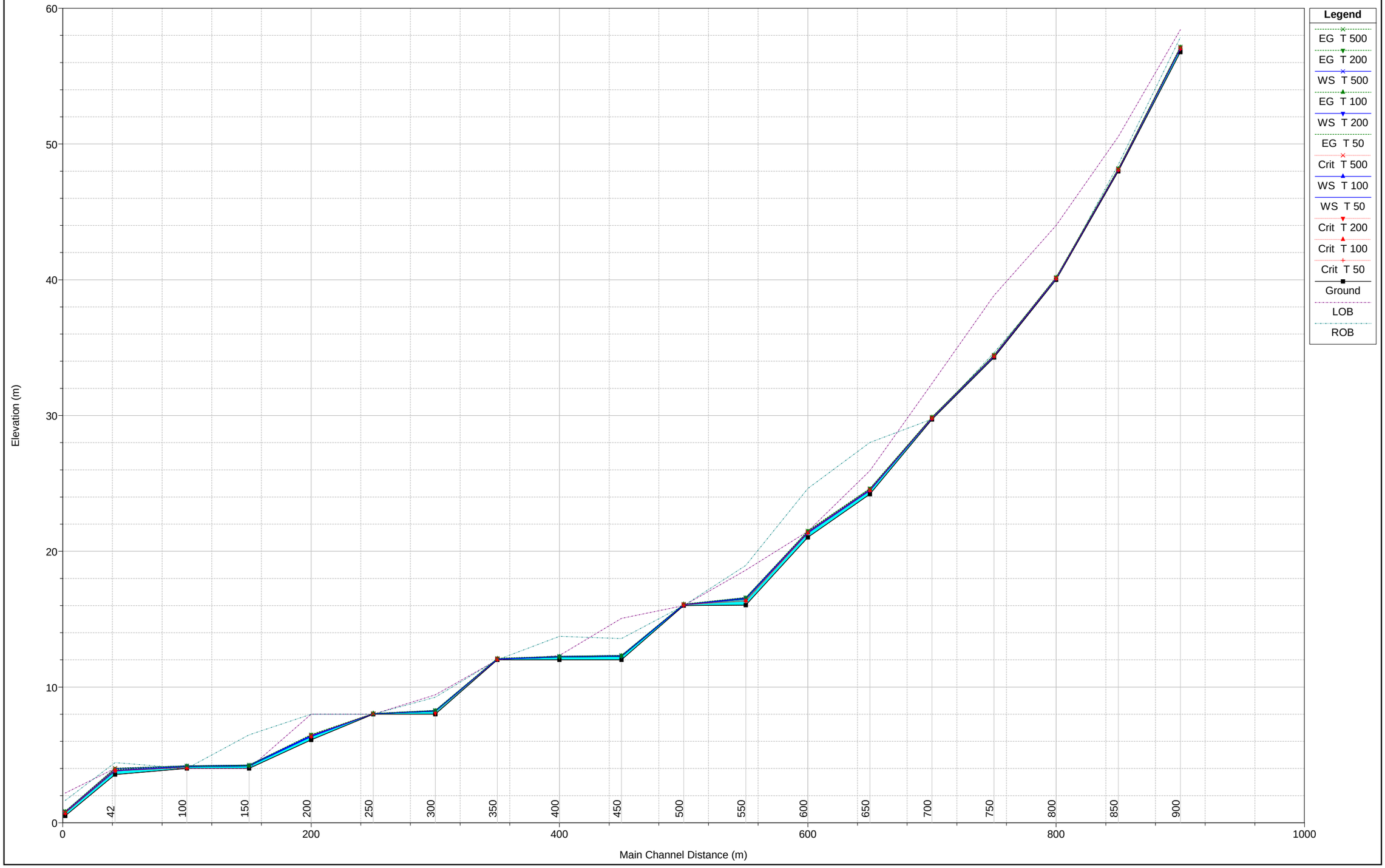
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Tronco A	97	T 500	1.40	3.42	3.52	3.52	3.55	0.036136	0.85	1.66	25.74	1.06
Tronco A	47	T 50	0.75	1.20	1.34	1.28	1.35	0.004554	0.36	2.07	21.14	0.37
Tronco A	47	T 100	0.93	1.20	1.36	1.30	1.37	0.004766	0.39	2.40	22.53	0.38
Tronco A	47	T 200	1.12	1.20	1.38	1.30	1.38	0.004843	0.41	2.75	23.94	0.38
Tronco A	47	T 500	1.40	1.20	1.39		1.40	0.005050	0.43	3.22	25.69	0.39
Tronco A	4	T 50	0.75	0.80	0.87	0.85	0.88	0.050003	0.48	1.71	29.46	0.57
Tronco A	4	T 100	0.93	0.80	0.88	0.85	0.89	0.050048	0.51	1.97	30.74	0.58
Tronco A	4	T 200	1.12	0.80	0.89	0.87	0.90	0.050048	0.55	2.24	31.97	0.59
Tronco A	4	T 500	1.40	0.80	0.90	0.87	0.91	0.050032	0.60	2.61	33.61	0.61

IL BACINO CALA DELFINO

Bacino B

CD_SUB_B Plan: Plan 02

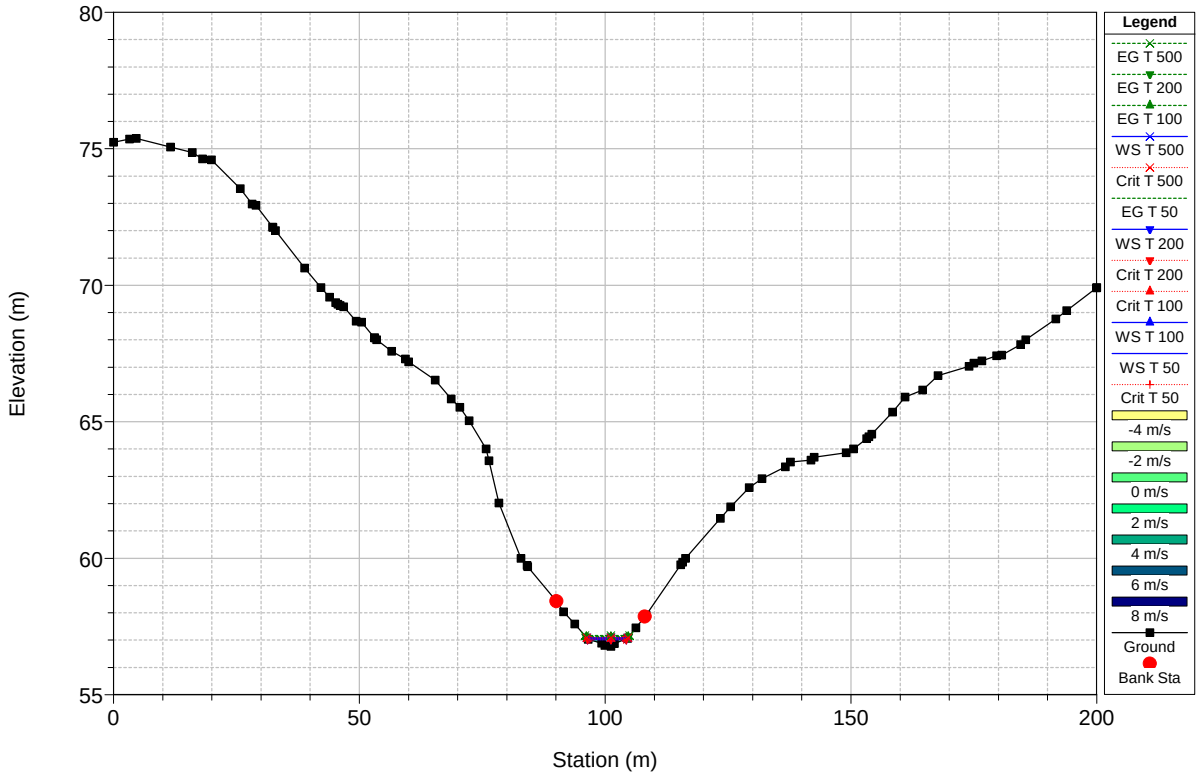
Geom: SI Flow: Flow 01



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

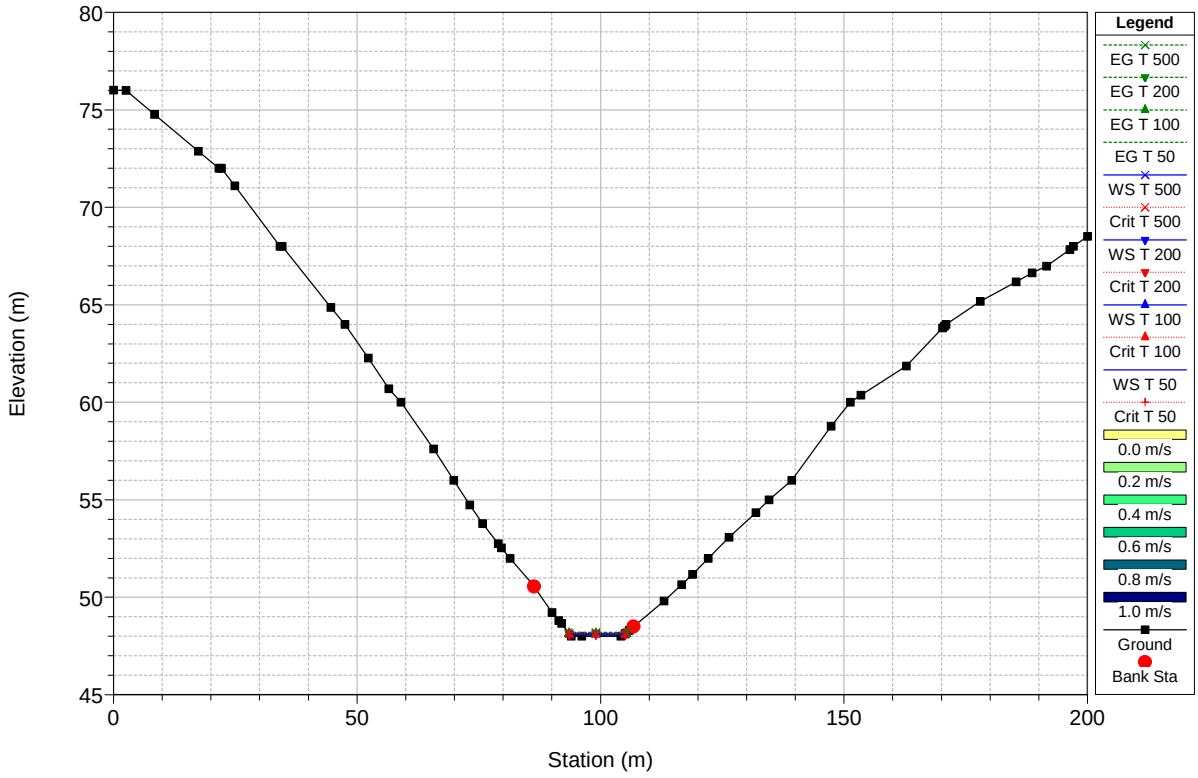
River = CALA DELFINO Reach = SUB B RS = 900



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

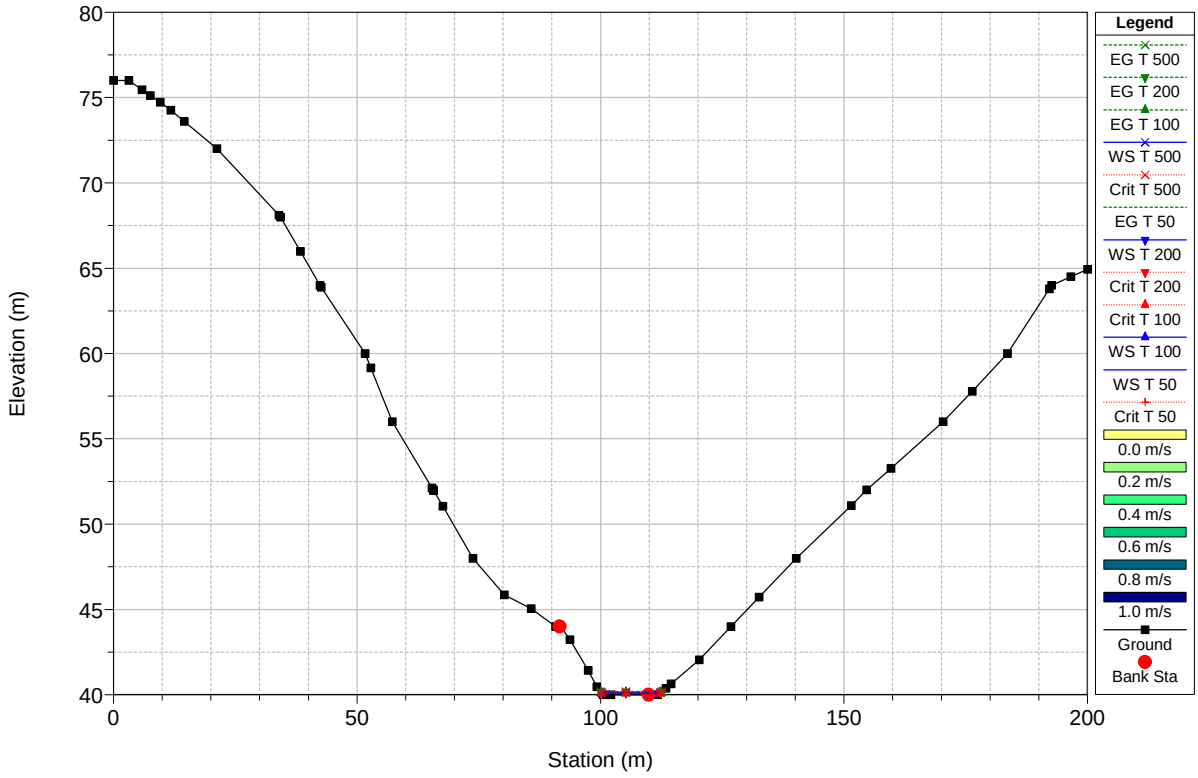
River = CALA DELFINO Reach = SUB B RS = 850



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

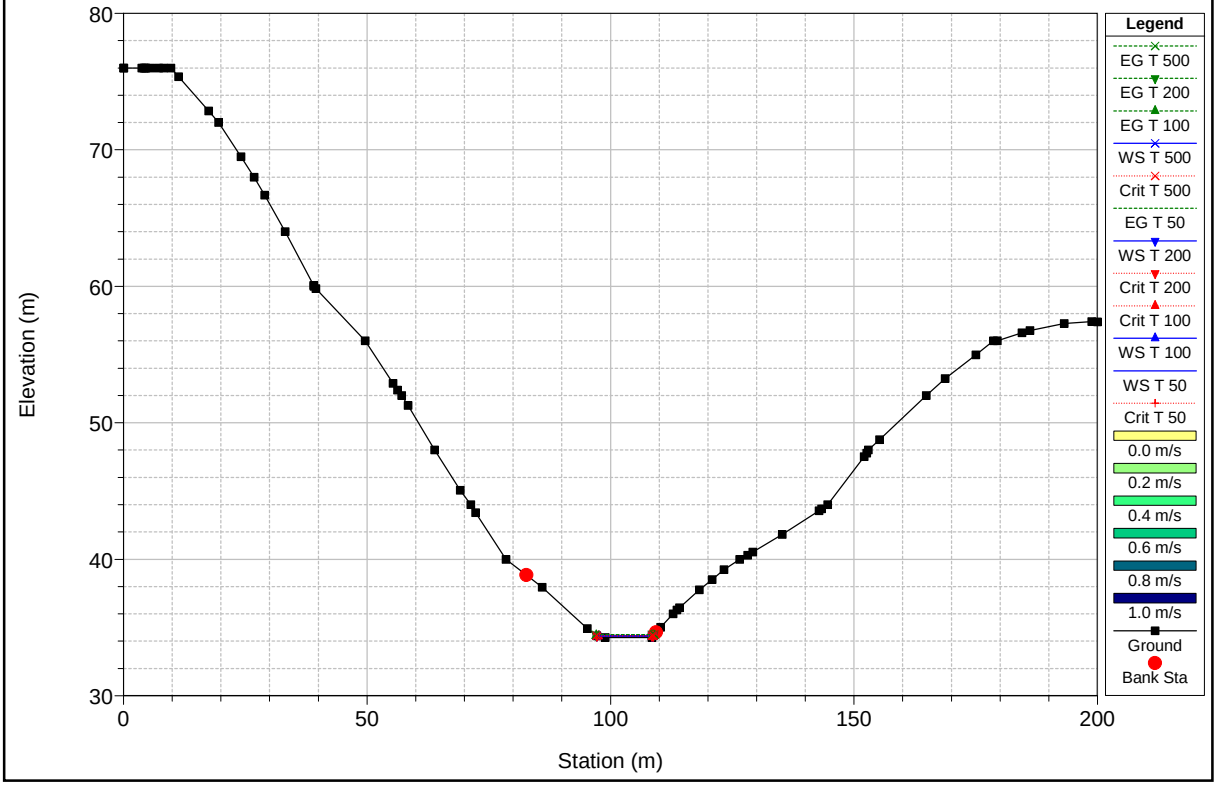
River = CALA DELFINO Reach = SUB B RS = 800



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

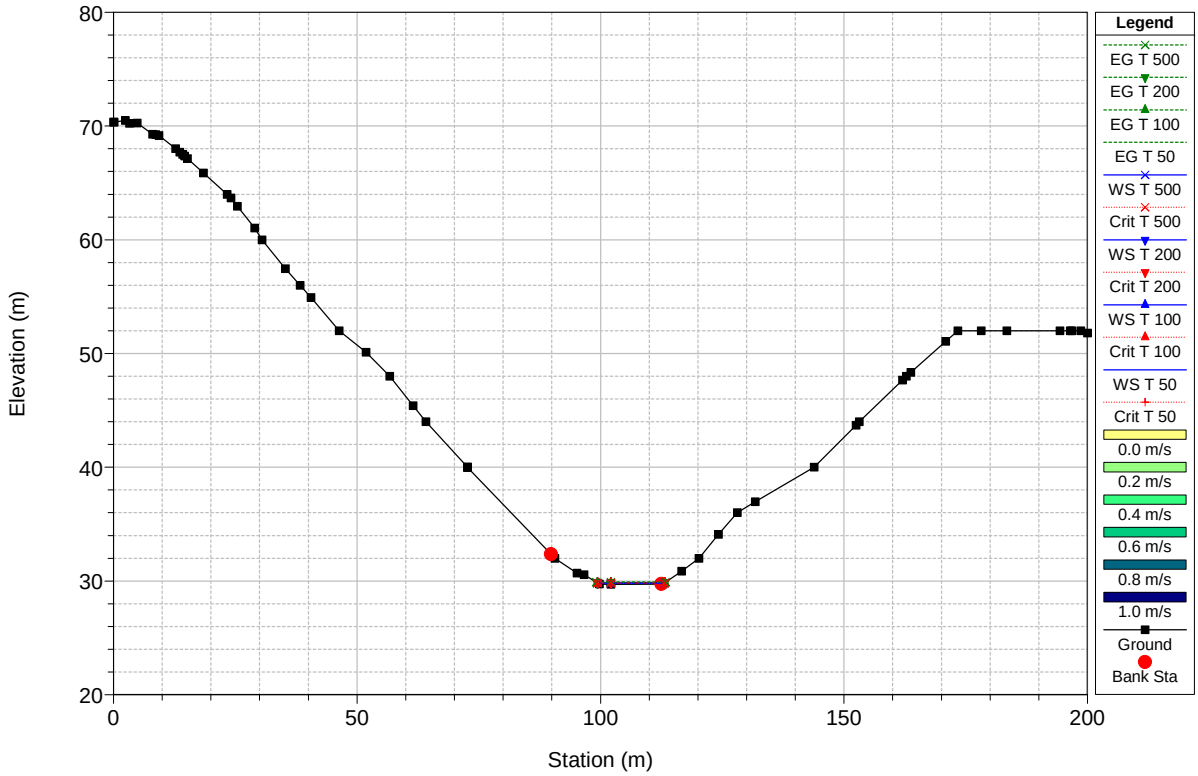
River = CALA DELFINO Reach = SUB B RS = 750



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

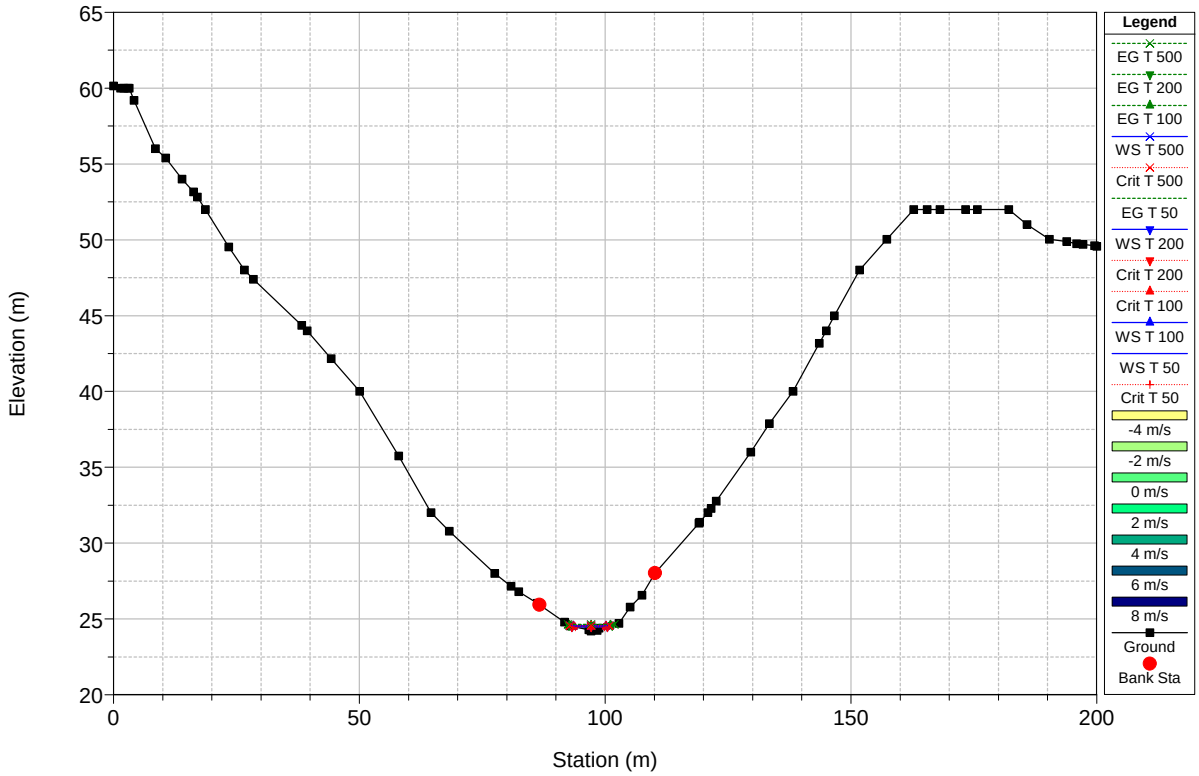
River = CALA DELFINO Reach = SUB B RS = 700



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

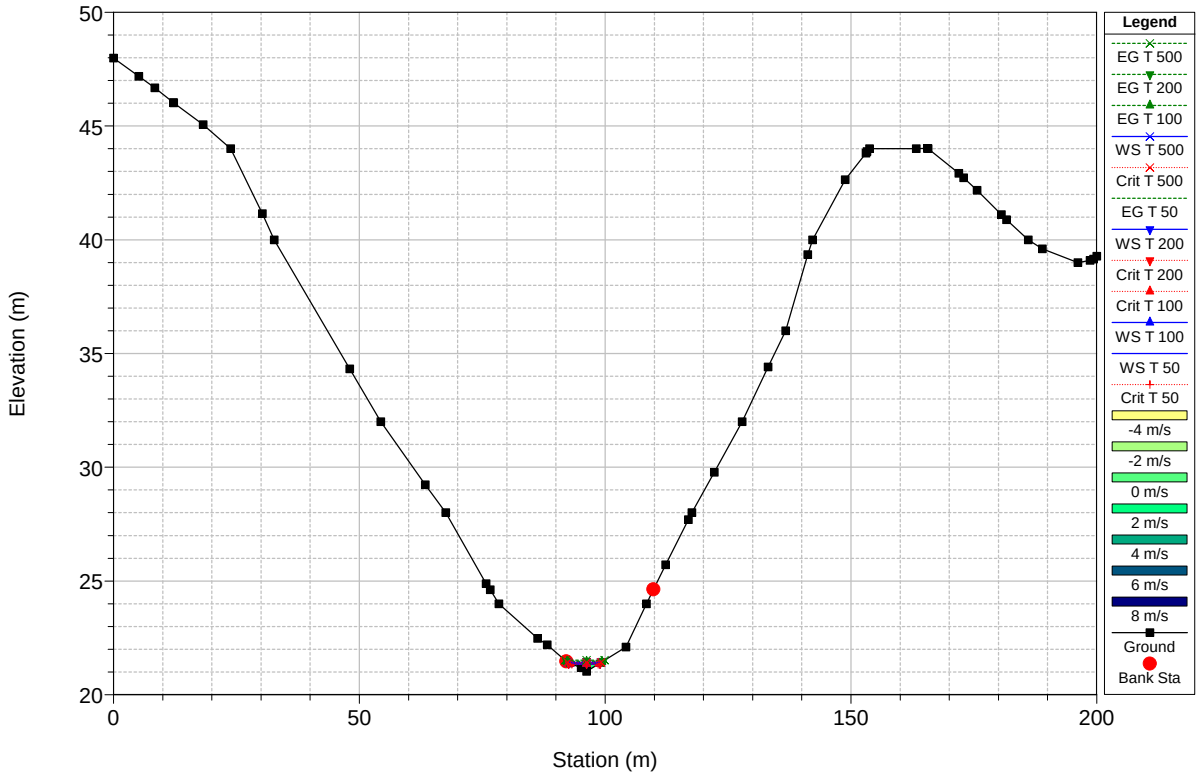
River = CALA DELFINO Reach = SUB B RS = 650



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

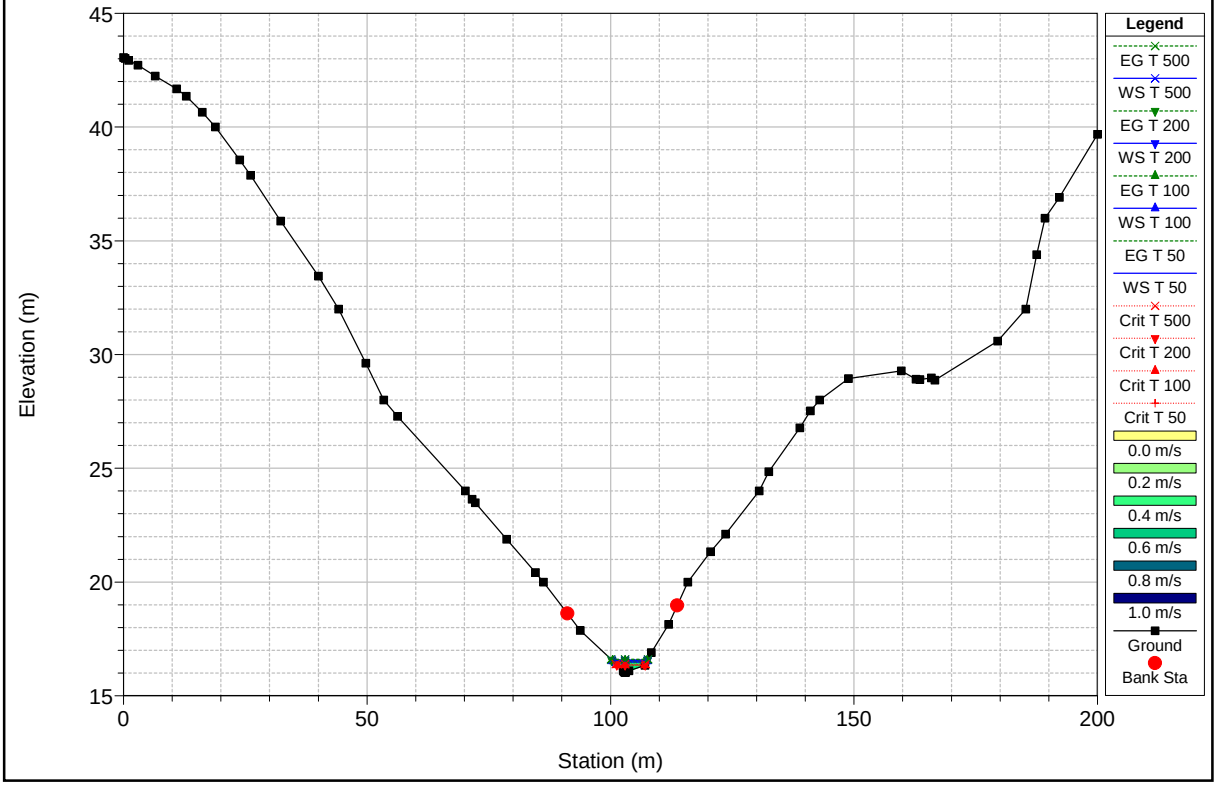
River = CALA DELFINO Reach = SUB B RS = 600



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

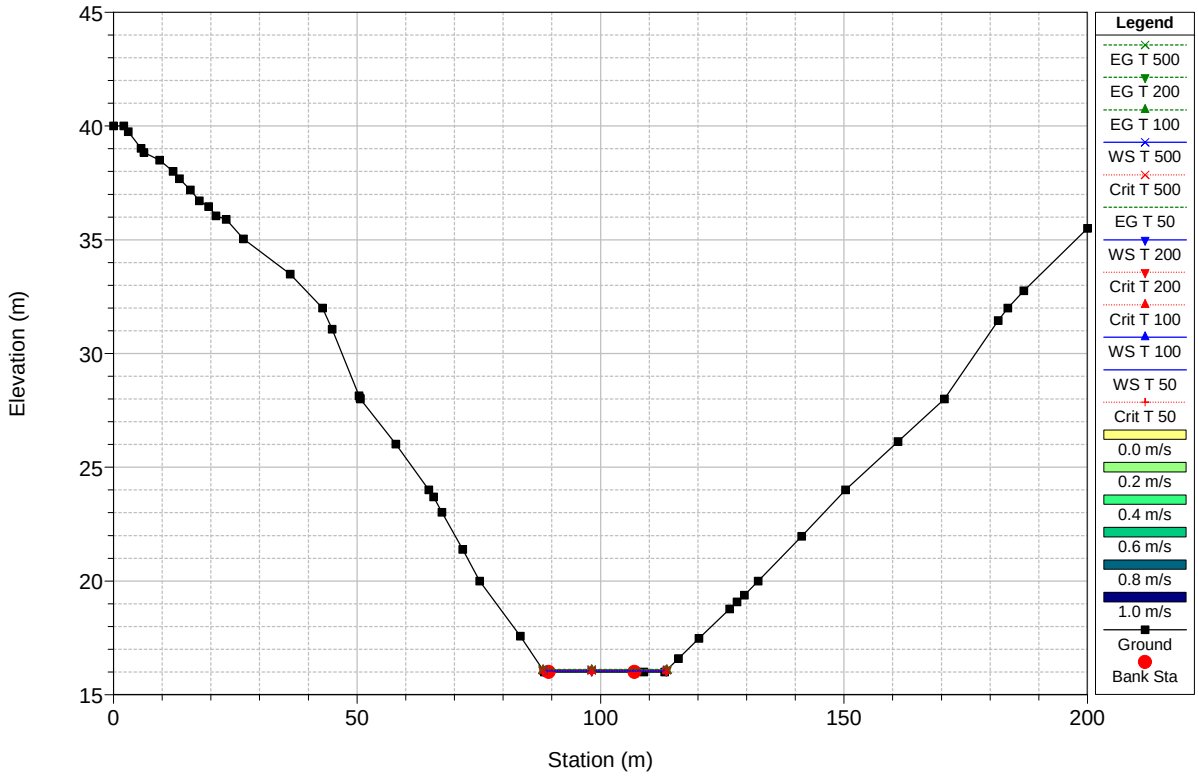
River = CALA DELFINO Reach = SUB B RS = 550



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

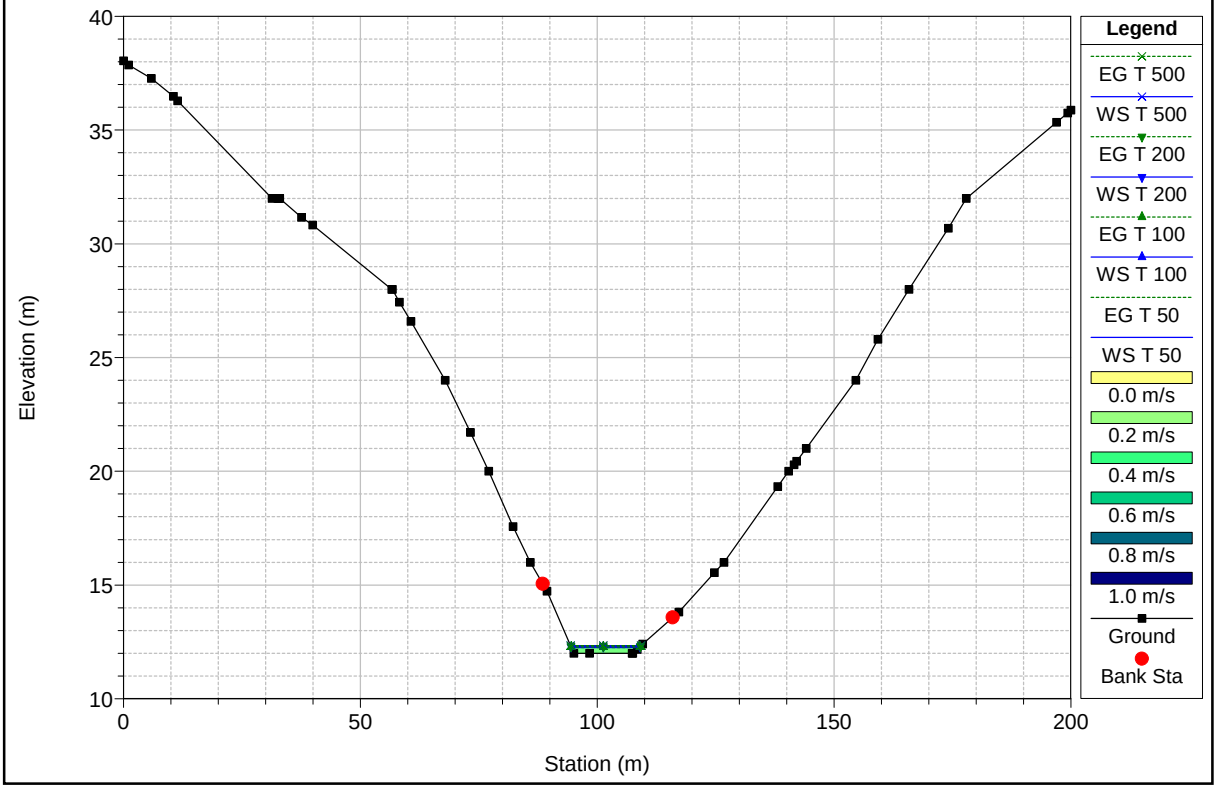
River = CALA DELFINO Reach = SUB B RS = 500



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

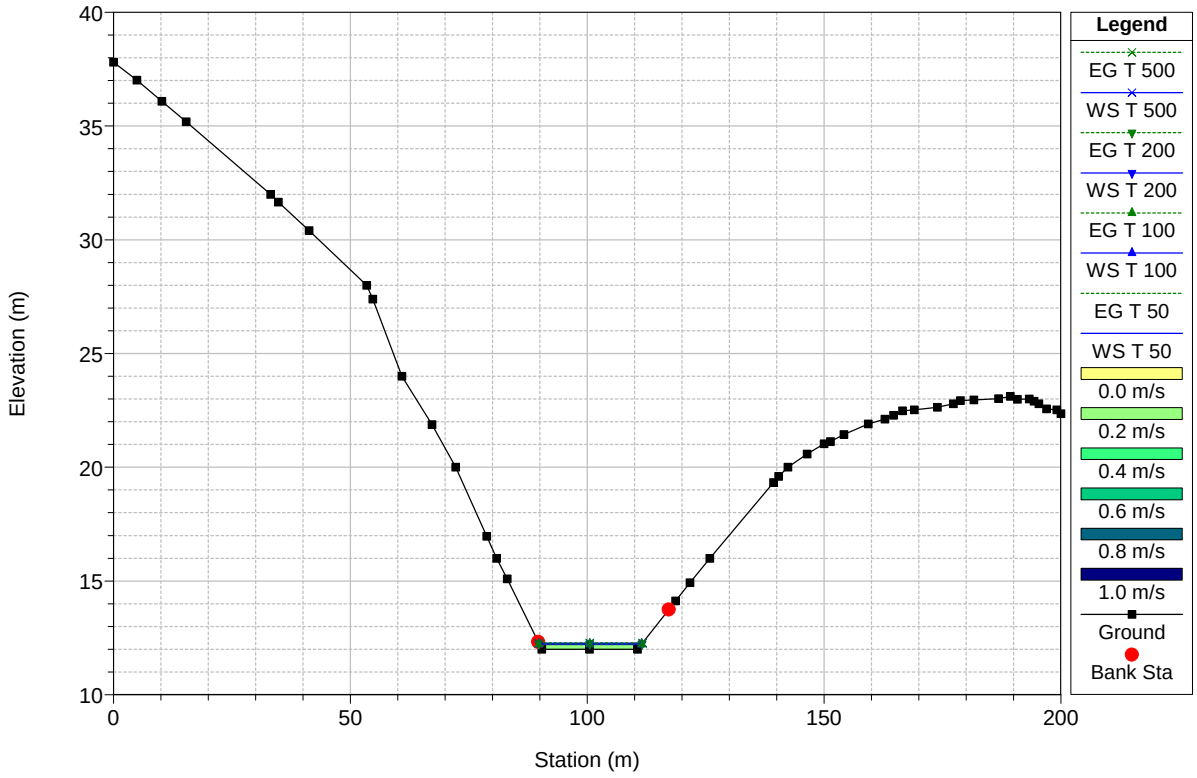
River = CALA DELFINO Reach = SUB B RS = 450



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

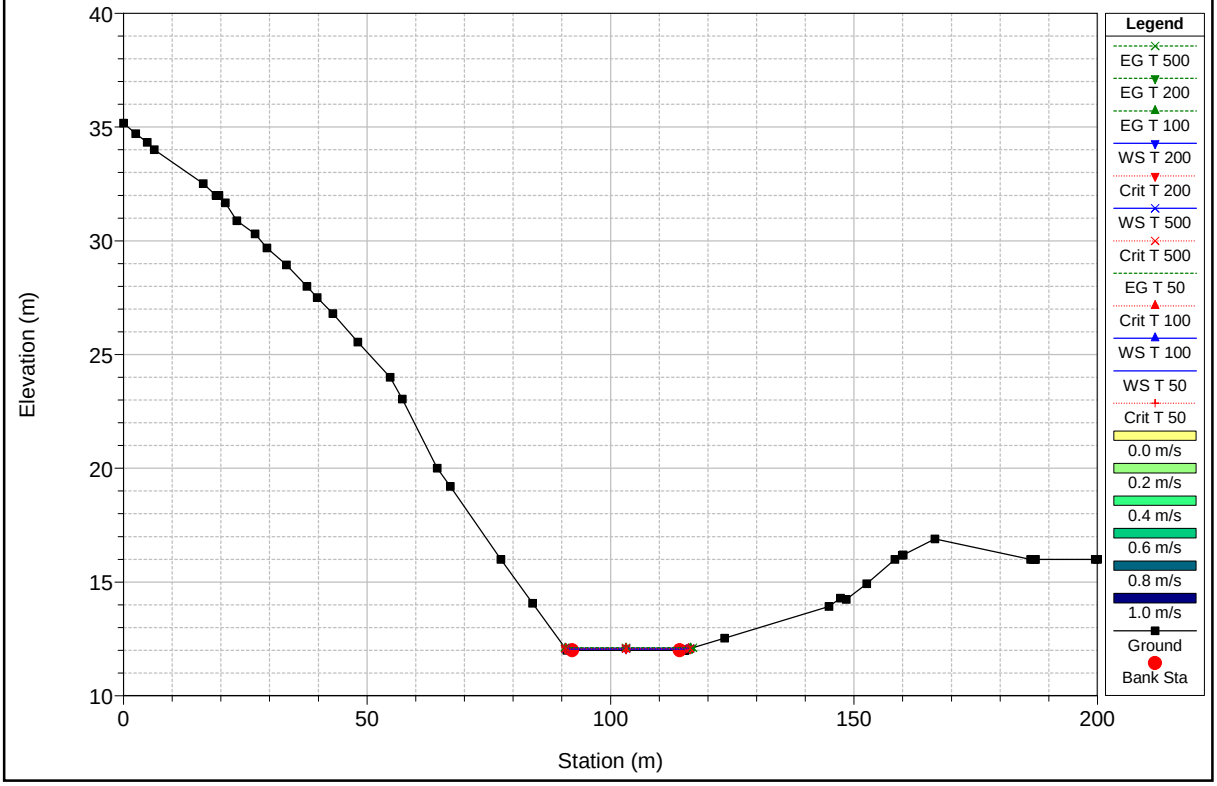
River = CALA DELFINO Reach = SUB B RS = 400



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

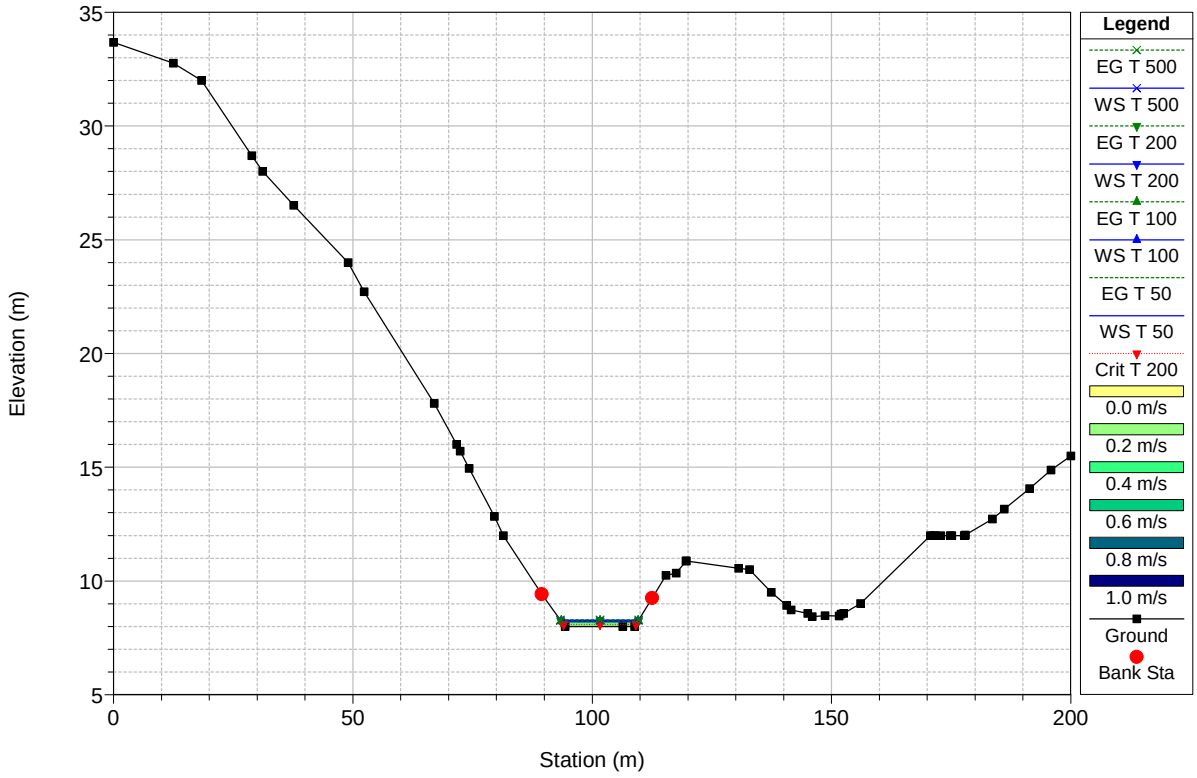
River = CALA DELFINO Reach = SUB B RS = 350



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

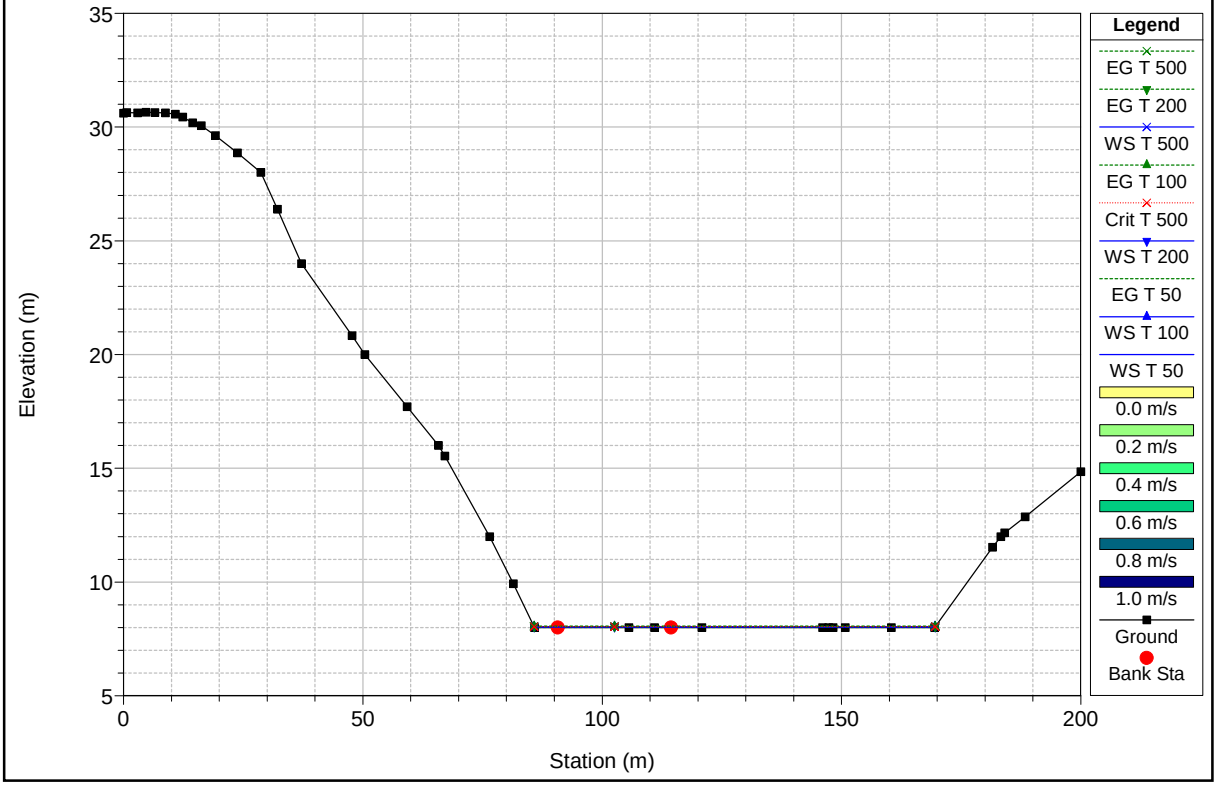
River = CALA DELFINO Reach = SUB B RS = 300



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

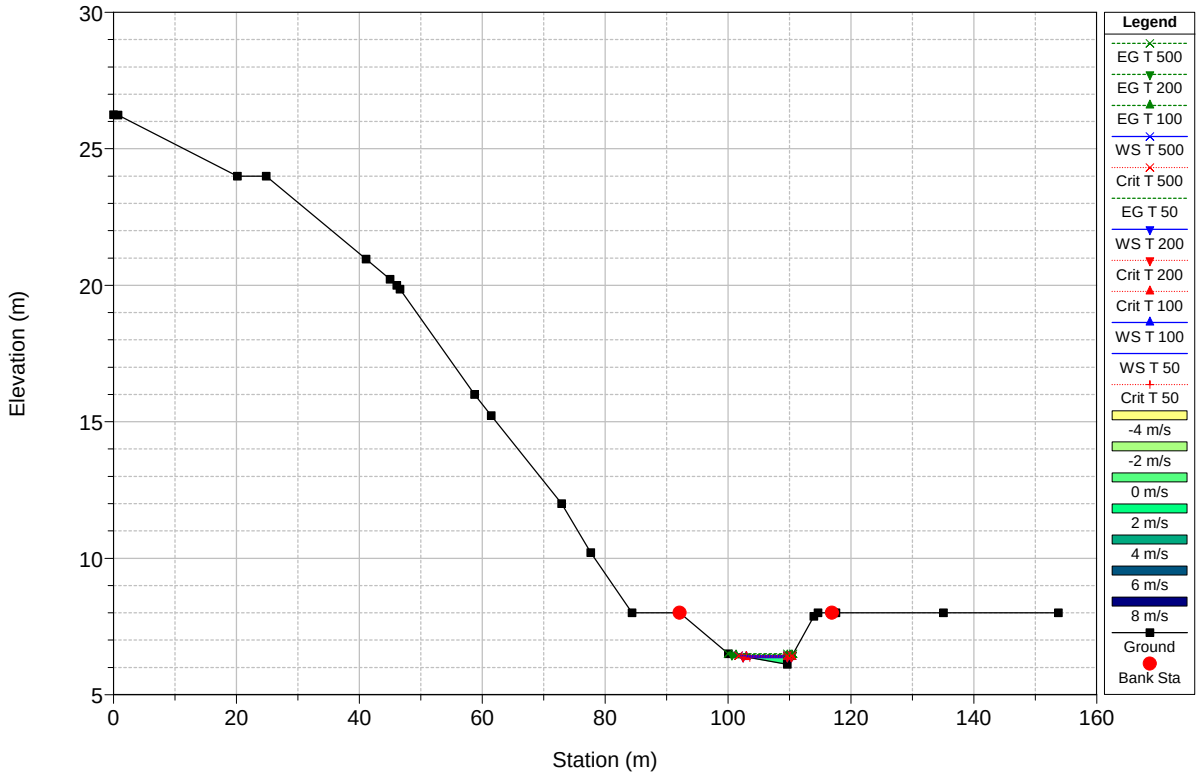
River = CALA DELFINO Reach = SUB B RS = 250



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

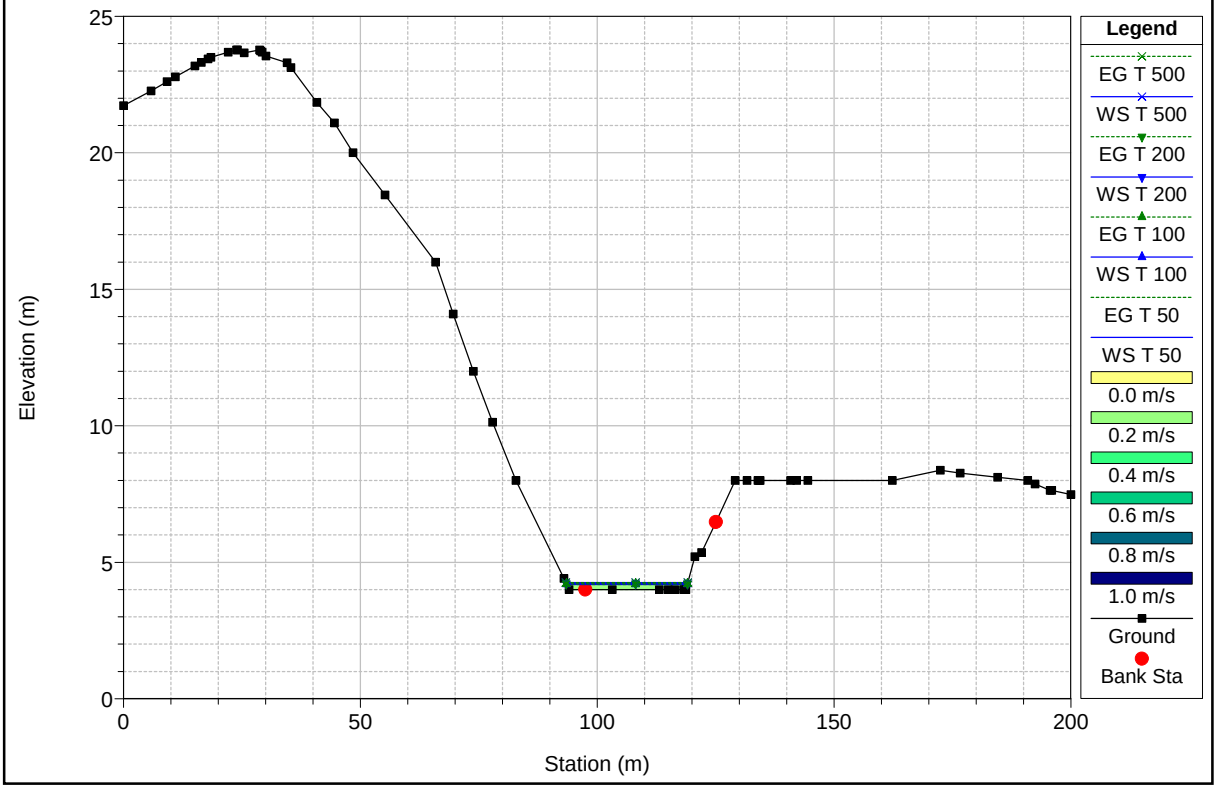
River = CALA DELFINO Reach = SUB B RS = 200



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

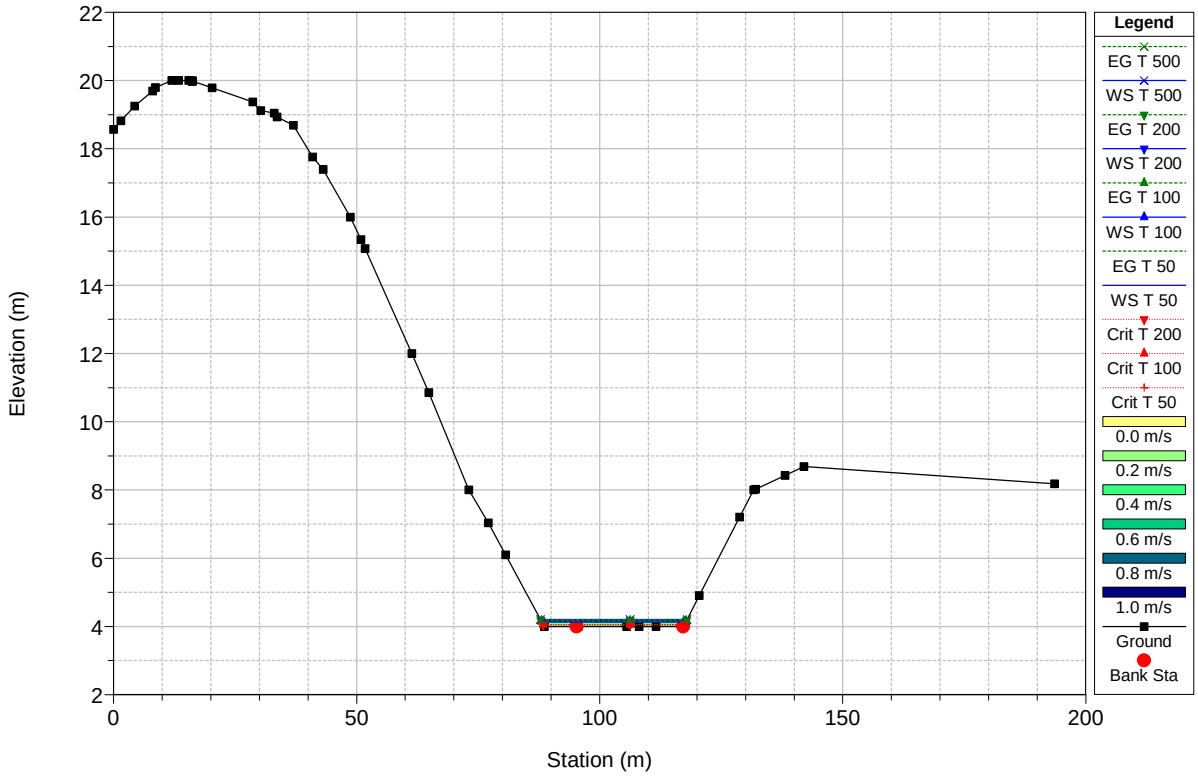
River = CALA DELFINO Reach = SUB B RS = 150



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

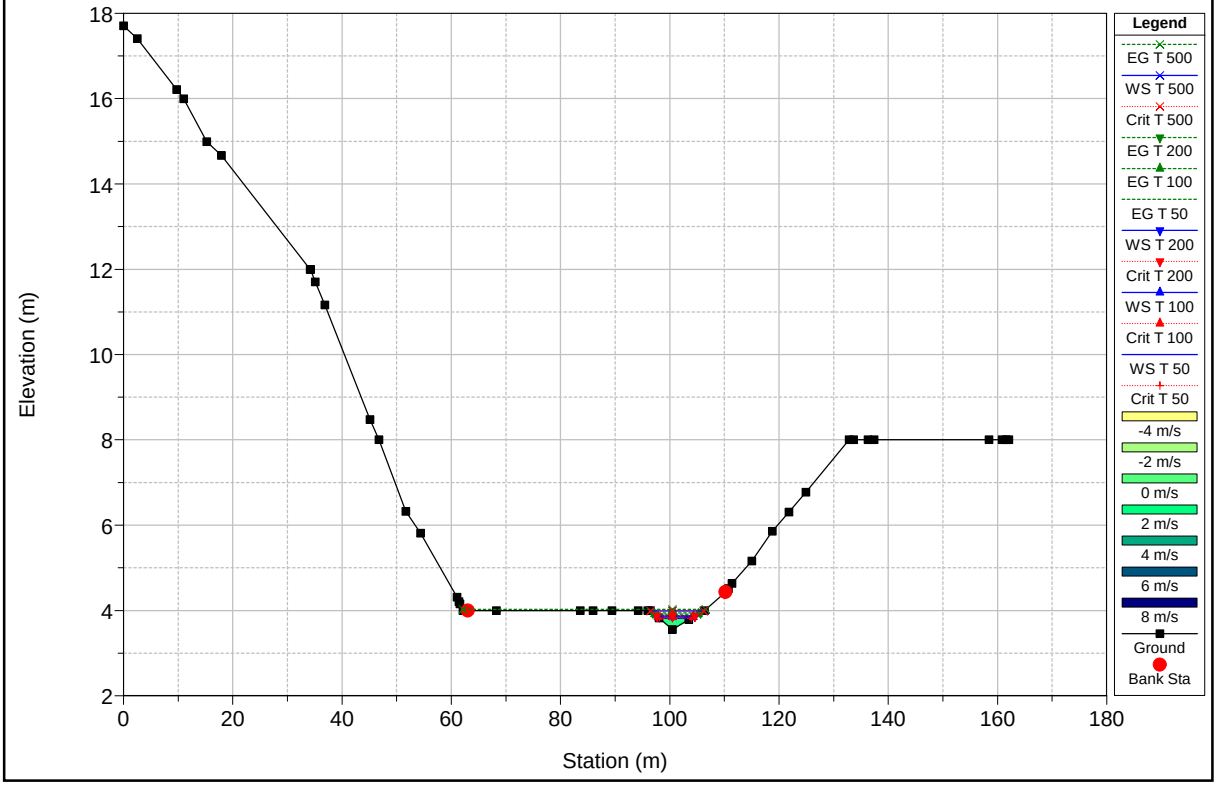
River = CALA DELFINO Reach = SUB B RS = 100



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

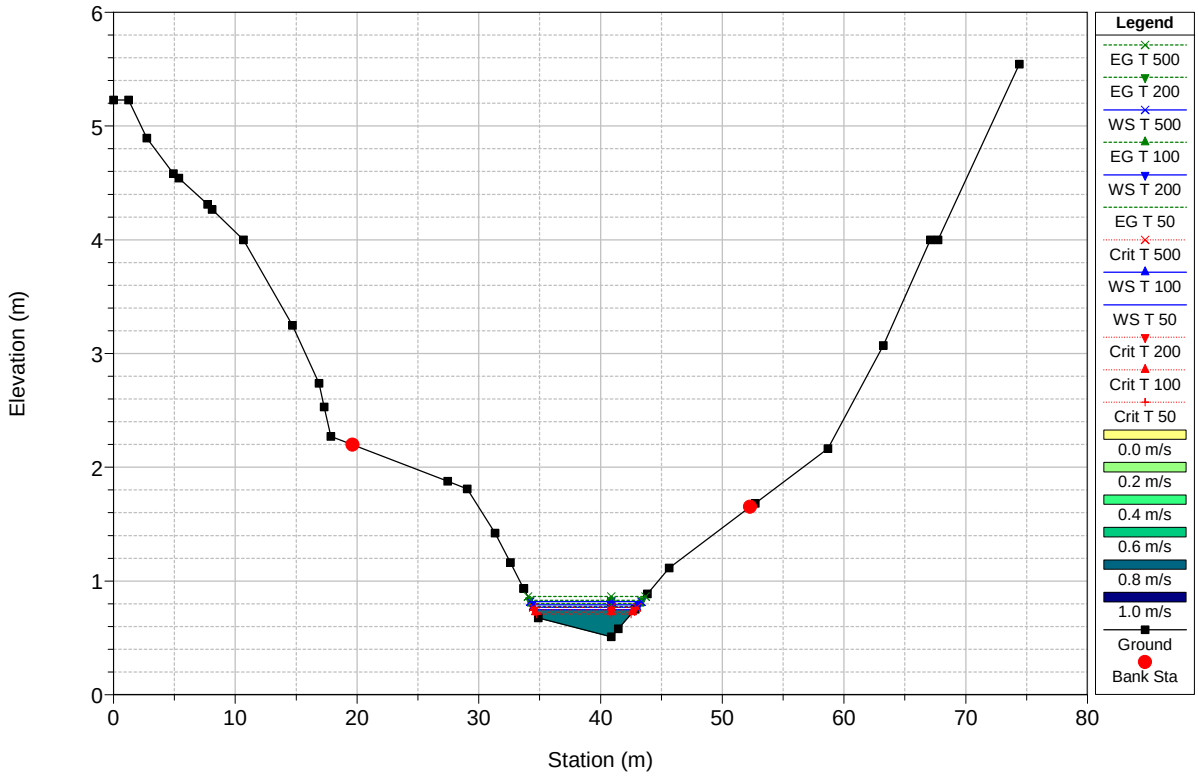
River = CALA DELFINO Reach = SUB B RS = 42



CD_SUB_B Plan: Plan 02

Geom: SI Flow: Flow 01

River = CALA DELFINO Reach = SUB B RS = 2



HEC-RAS Plan: Plan 01 River: CALA DELFINO Reach: SUB B

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)	
SUB B	900	T 50	0.89	56.78	57.01	57.01	57.08	0.047984	1.14	0.78	6.89	1.08
SUB B	900	T 100	1.11	56.78	57.05	57.05	57.11	0.030255	1.03	1.08	7.86	0.88
SUB B	900	T 200	1.35	56.78	57.05	57.05	57.13	0.044036	1.24	1.09	7.87	1.07
SUB B	900	T 500	1.69	56.78	57.08	57.08	57.16	0.036127	1.25	1.35	8.32	0.99
SUB B	850	T 50	0.89	48.00	48.10	48.10	48.13	0.032245	0.83	1.07	11.28	0.86
SUB B	850	T 100	1.11	48.00	48.10	48.10	48.15	0.048484	1.02	1.08	11.29	1.06
SUB B	850	T 200	1.35	48.00	48.12	48.12	48.17	0.041139	1.05	1.29	11.47	1.00
SUB B	850	T 500	1.69	48.00	48.13	48.13	48.20	0.044681	1.17	1.44	11.57	1.06
SUB B	800	T 50	0.89	40.00	40.08	40.08	40.13	0.048390	0.93	0.97	11.86	1.03
SUB B	800	T 100	1.11	40.00	40.09	40.09	40.15	0.058263	1.07	1.05	11.90	1.14
SUB B	800	T 200	1.35	40.00	40.12	40.12	40.17	0.029719	0.94	1.45	12.14	0.86
SUB B	800	T 500	1.69	40.00	40.13	40.13	40.19	0.039615	1.12	1.53	12.19	1.00
SUB B	750	T 50	0.89	34.27	34.36	34.36	34.41	0.046129	0.93	0.96	11.11	1.01
SUB B	750	T 100	1.11	34.27	34.37	34.37	34.43	0.053803	1.06	1.05	11.24	1.11
SUB B	750	T 200	1.35	34.27	34.39	34.39	34.45	0.042130	1.05	1.28	11.57	1.01
SUB B	750	T 500	1.69	34.27	34.41	34.41	34.48	0.041585	1.14	1.48	11.68	1.02
SUB B	700	T 50	0.89	29.71	29.80	29.80	29.84	0.046386	0.87	1.03	13.57	1.00
SUB B	700	T 100	1.11	29.71	29.81	29.81	29.86	0.049915	0.97	1.16	13.64	1.05
SUB B	700	T 200	1.35	29.71	29.81	29.81	29.88	0.060711	1.11	1.23	13.67	1.17
SUB B	700	T 500	1.69	29.71	29.83	29.83	29.90	0.049710	1.14	1.50	13.81	1.09
SUB B	650	T 50	0.89	24.20	24.47	24.47	24.54	0.040341	1.15	0.77	5.87	1.01
SUB B	650	T 100	1.11	24.20	24.50	24.50	24.57	0.037968	1.18	0.94	6.60	0.99
SUB B	650	T 200	1.35	24.20	24.52	24.52	24.60	0.037228	1.22	1.11	7.23	1.00
SUB B	650	T 500	1.69	24.20	24.55	24.55	24.63	0.036107	1.27	1.33	7.98	1.00
SUB B	600	T 50	0.89	21.03	21.34	21.34	21.41	0.038037	1.17	0.76	5.36	0.99
SUB B	600	T 100	1.11	21.03	21.36	21.36	21.44	0.038773	1.24	0.89	5.86	1.02
SUB B	600	T 200	1.35	21.03	21.39	21.39	21.47	0.037979	1.29	1.05	6.37	1.02
SUB B	600	T 500	1.69	21.03	21.42	21.42	21.51	0.036794	1.37	1.24	6.77	1.02
SUB B	550	T 50	0.89	16.03	16.48	16.32	16.50	0.003165	0.51	1.76	6.71	0.32
SUB B	550	T 100	1.11	16.03	16.52	16.34	16.53	0.003393	0.56	1.99	6.97	0.33
SUB B	550	T 200	1.35	16.03	16.55	16.37	16.57	0.003495	0.60	2.26	7.24	0.34
SUB B	550	T 500	1.69	16.03	16.58	16.40	16.60	0.004407	0.69	2.43	7.42	0.39
SUB B	500	T 50	0.89	16.00	16.05	16.05	16.08	0.053915	0.71	1.27	25.15	1.00
SUB B	500	T 100	1.11	16.00	16.06	16.06	16.09	0.055214	0.78	1.44	25.21	1.04
SUB B	500	T 200	1.35	16.00	16.06	16.06	16.10	0.065432	0.88	1.54	25.24	1.14
SUB B	500	T 500	1.69	16.00	16.09	16.09	16.12	0.033507	0.79	2.15	25.43	0.86
SUB B	450	T 50	0.89	12.00	12.25		12.25	0.001028	0.27	3.32	14.26	0.18
SUB B	450	T 100	1.11	12.00	12.27		12.28	0.001128	0.30	3.70	14.45	0.19
SUB B	450	T 200	1.35	12.00	12.30		12.30	0.001280	0.34	4.03	14.60	0.20
SUB B	450	T 500	1.69	12.00	12.33		12.34	0.001394	0.37	4.52	14.83	0.22
SUB B	400	T 50	0.89	12.00	12.20		12.21	0.000770	0.21	4.26	21.50	0.15
SUB B	400	T 100	1.11	12.00	12.23		12.23	0.000834	0.23	4.76	21.65	0.16
SUB B	400	T 200	1.35	12.00	12.24		12.24	0.001012	0.27	5.06	21.73	0.18
SUB B	400	T 500	1.69	12.00	12.27		12.27	0.001078	0.30	5.70	21.91	0.19
SUB B	350	T 50	0.89	12.00	12.05	12.05	12.08	0.053426	0.71	1.27	25.08	1.00
SUB B	350	T 100	1.11	12.00	12.06	12.06	12.09	0.058496	0.80	1.41	25.18	1.06
SUB B	350	T 200	1.35	12.00	12.08	12.08	12.10	0.027954	0.69	1.99	25.61	0.78
SUB B	350	T 500	1.69	12.00	12.08	12.08	12.12	0.049211	0.89	1.92	25.56	1.03
SUB B	300	T 50	0.89	8.00	8.21		8.21	0.001318	0.28	3.21	15.90	0.20
SUB B	300	T 100	1.11	8.00	8.23		8.24	0.001496	0.31	3.54	16.03	0.21
SUB B	300	T 200	1.35	8.00	8.26	8.09	8.26	0.001598	0.34	3.92	16.18	0.22
SUB B	300	T 500	1.69	8.00	8.28		8.29	0.001832	0.39	4.32	16.34	0.24
SUB B	250	T 50	0.89	8.00	8.03		8.04	0.024954	0.35	2.58	83.71	0.63
SUB B	250	T 100	1.11	8.00	8.04		8.04	0.025246	0.38	2.94	83.74	0.64
SUB B	250	T 200	1.35	8.00	8.04		8.05	0.025221	0.41	3.30	83.76	0.66
SUB B	250	T 500	1.69	8.00	8.05	8.04	8.06	0.025210	0.45	3.78	83.79	0.67
SUB B	200	T 50	0.89	6.11	6.35	6.35	6.42	0.040480	1.09	0.81	6.68	1.00
SUB B	200	T 100	1.11	6.11	6.38	6.38	6.44	0.038953	1.14	0.97	7.31	1.00
SUB B	200	T 200	1.35	6.11	6.40	6.40	6.47	0.037968	1.18	1.14	7.91	1.00
SUB B	200	T 500	1.69	6.11	6.43	6.43	6.50	0.036758	1.24	1.37	8.66	0.99
SUB B	150	T 50	0.89	4.00	4.18		4.19	0.000729	0.19	4.63	25.43	0.14
SUB B	150	T 100	1.11	4.00	4.20		4.20	0.000845	0.22	5.06	25.51	0.16
SUB B	150	T 200	1.35	4.00	4.22		4.23	0.000885	0.24	5.62	25.60	0.16
SUB B	150	T 500	1.69	4.00	4.26		4.26	0.000895	0.27	6.43	25.74	0.17
SUB B	100	T 50	0.89	4.00	4.13	4.04	4.13	0.001317	0.24	3.83	29.62	0.21
SUB B	100	T 100	1.11	4.00	4.15	4.06	4.15	0.001274	0.26	4.43	29.76	0.22
SUB B	100	T 200	1.35	4.00	4.17	4.06	4.18	0.001221	0.28	5.05	29.92	0.22

HEC-RAS Plan: Plan 01 River: CALA DELFINO Reach: SUB B (Continued)

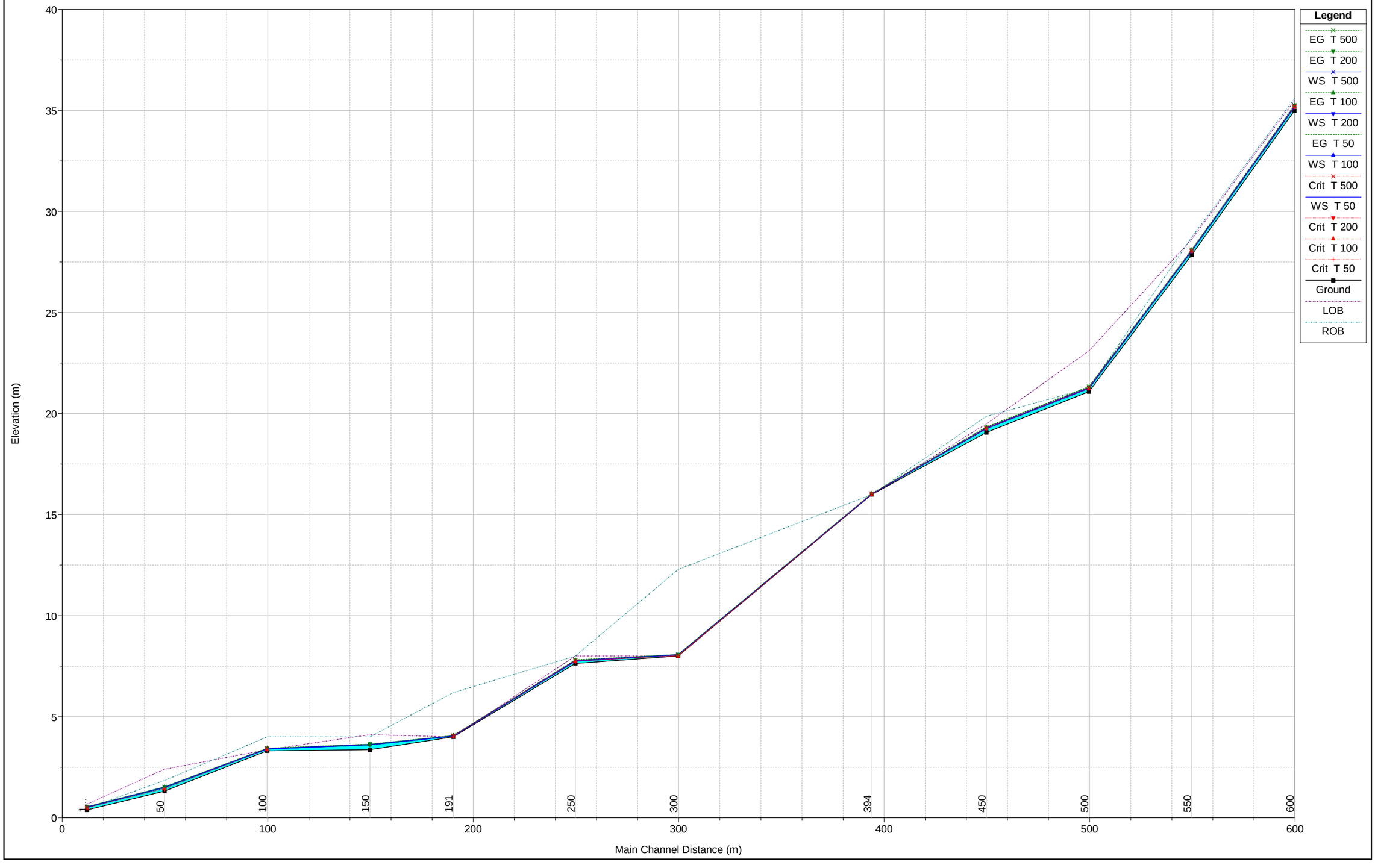
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
SUB B	100	T 500	1.69	4.00	4.20		4.21	0.001117	0.30	5.95	30.14	0.21
SUB B	42	T 50	0.89	3.55	3.82	3.82	3.89	0.123099	1.14	0.78	5.87	1.00
SUB B	42	T 100	1.11	3.55	3.84	3.84	3.92	0.118875	1.19	0.93	6.43	0.99
SUB B	42	T 200	1.35	3.55	3.87	3.87	3.95	0.120135	1.25	1.08	6.92	1.01
SUB B	42	T 500	1.69	3.55	3.99	3.99	4.02	0.031382	0.80	2.12	9.73	0.55
SUB B	2	T 50	0.89	0.51	0.75	0.71	0.78	0.050028	0.76	1.17	8.26	0.64
SUB B	2	T 100	1.11	0.51	0.77	0.73	0.80	0.050013	0.82	1.36	8.52	0.66
SUB B	2	T 200	1.35	0.51	0.79	0.75	0.83	0.050007	0.87	1.54	8.78	0.67
SUB B	2	T 500	1.69	0.51	0.82	0.77	0.86	0.050075	0.94	1.79	9.11	0.68

IL BACINO CALA DELFINO

Bacino C

cd_sub_c Plan: Plan 01

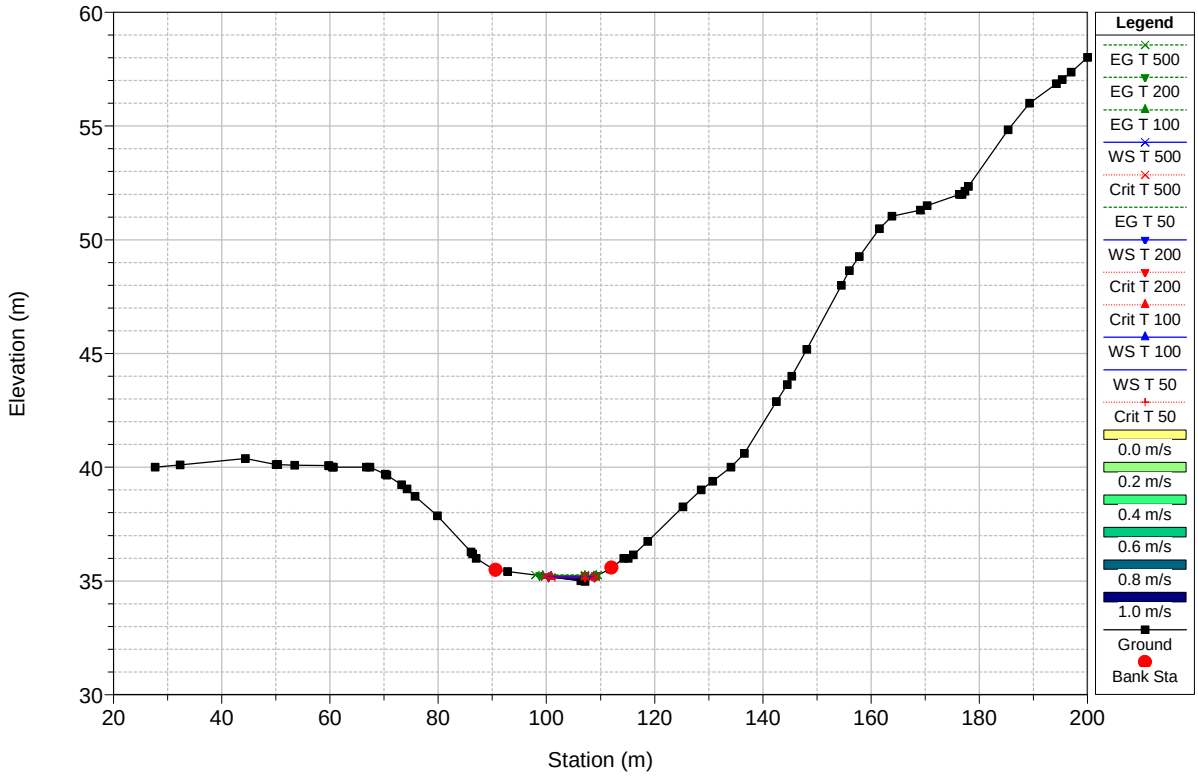
Geom: SI Flow: SI



cd_sub_c Plan: Plan 01

Geom: SI Flow: SI

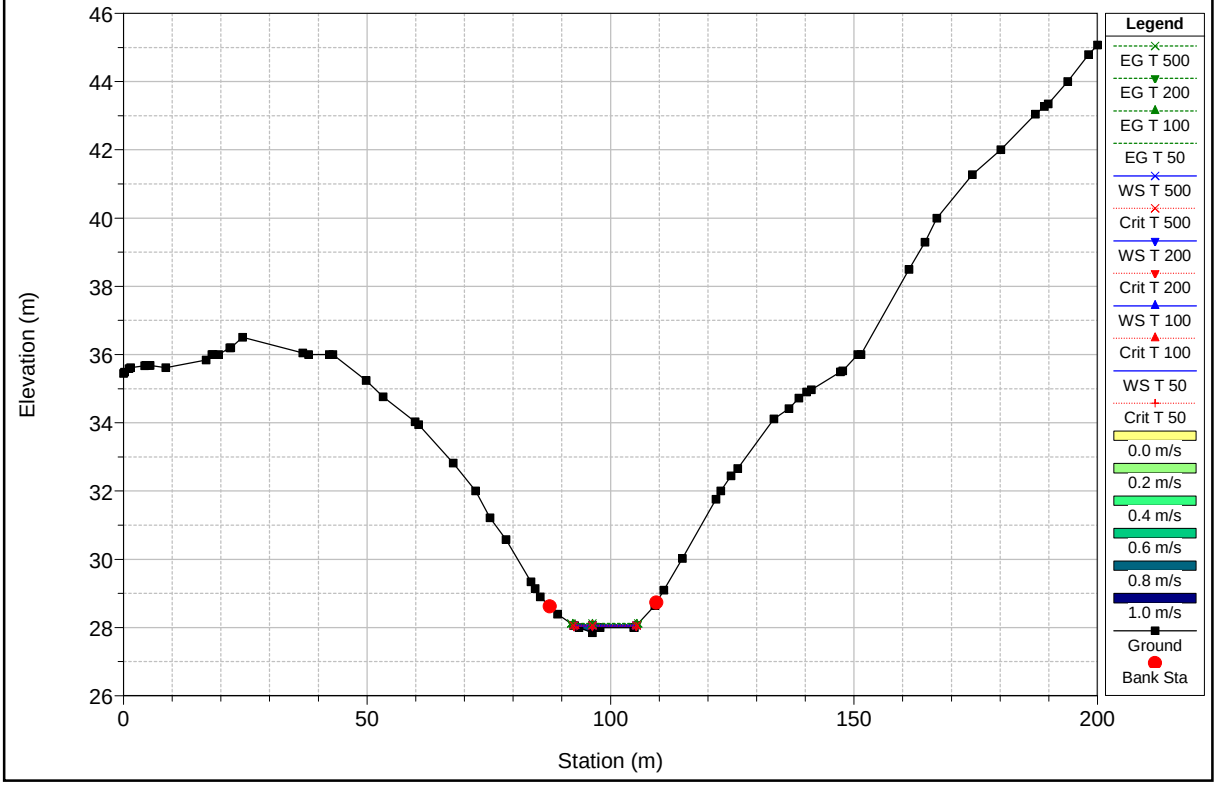
River = BACINO CD_C Reach = RAMO C RS = 600



cd_sub_c Plan: Plan 01

Geom: SI Flow: SI

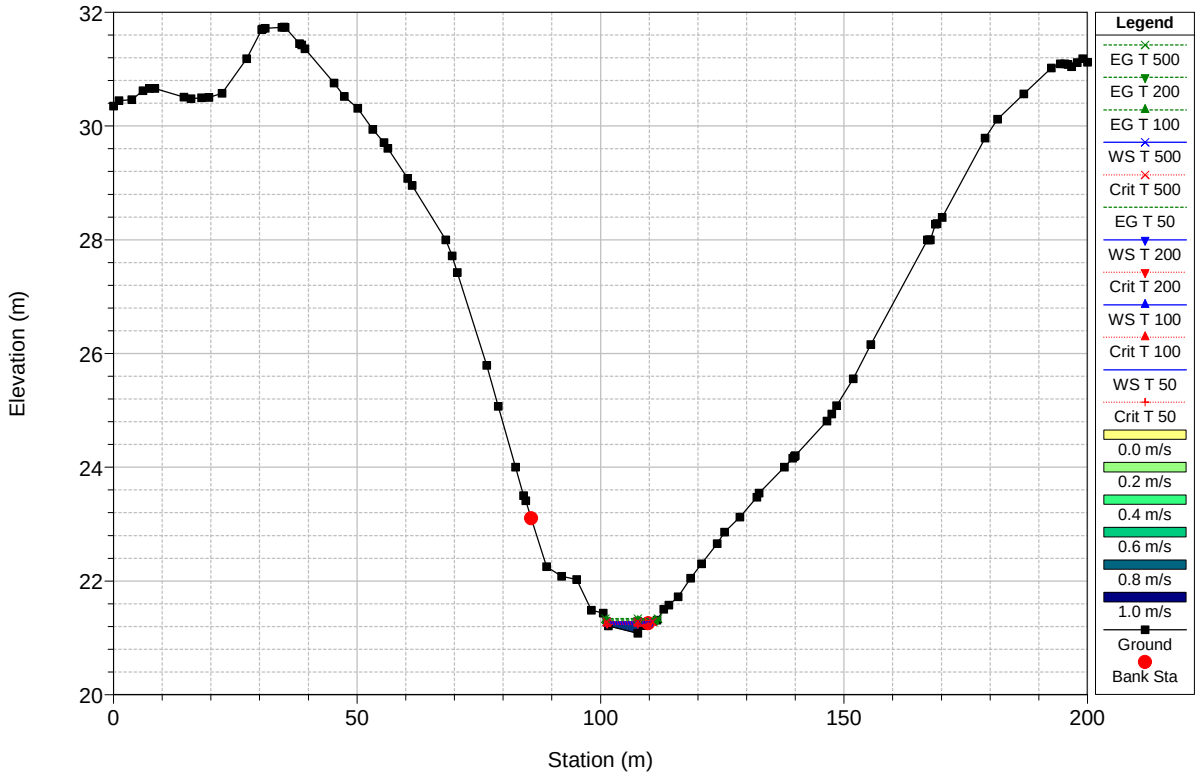
River = BACINO CD_C Reach = RAMO C RS = 550



cd_sub_c Plan: Plan 01

Geom: SI Flow: SI

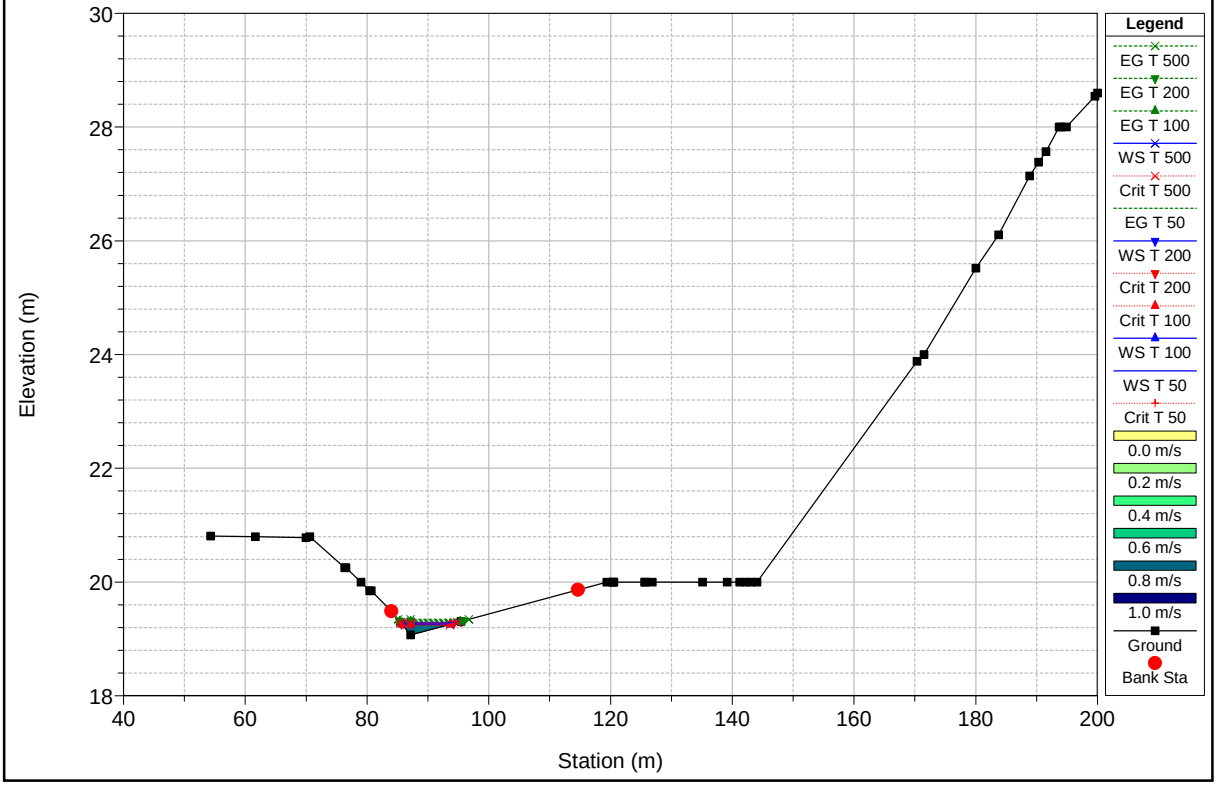
River = BACINO CD_C Reach = RAMO C RS = 500



cd_sub_c Plan: Plan 01

Geom: SI Flow: SI

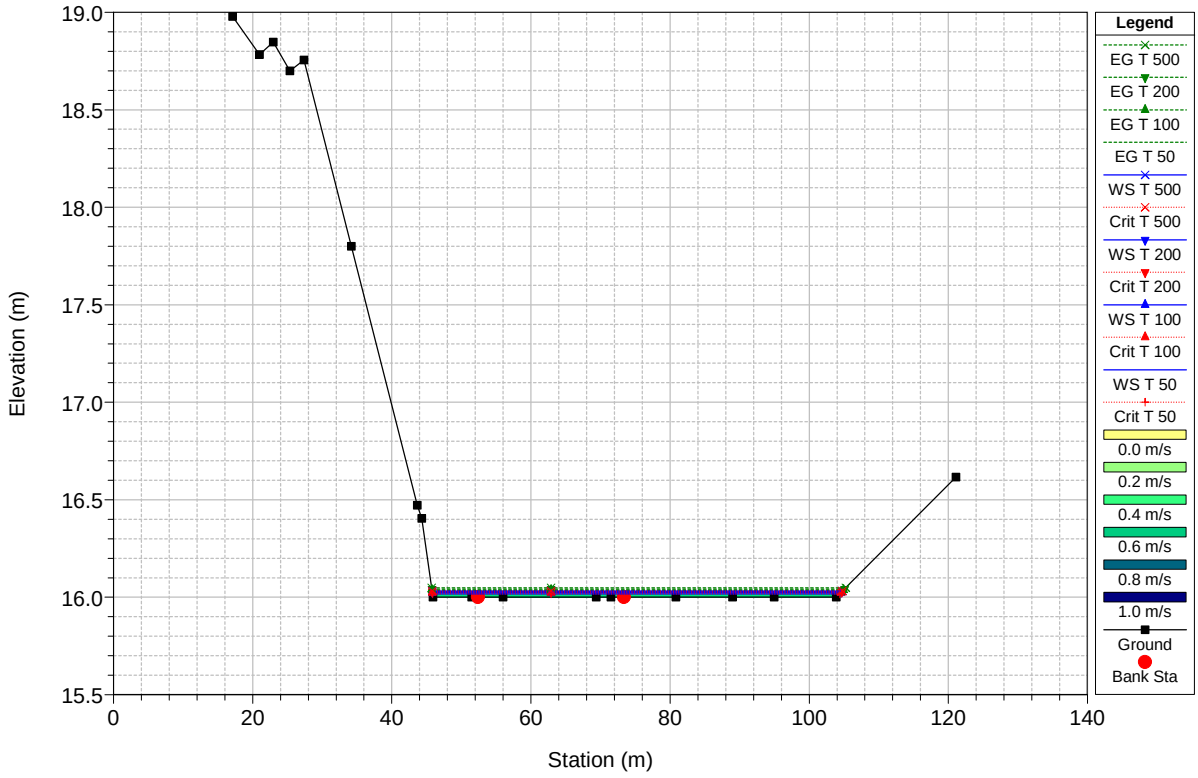
River = BACINO CD_C Reach = RAMO C RS = 450



cd_sub_c Plan: Plan 01

Geom: SI Flow: SI

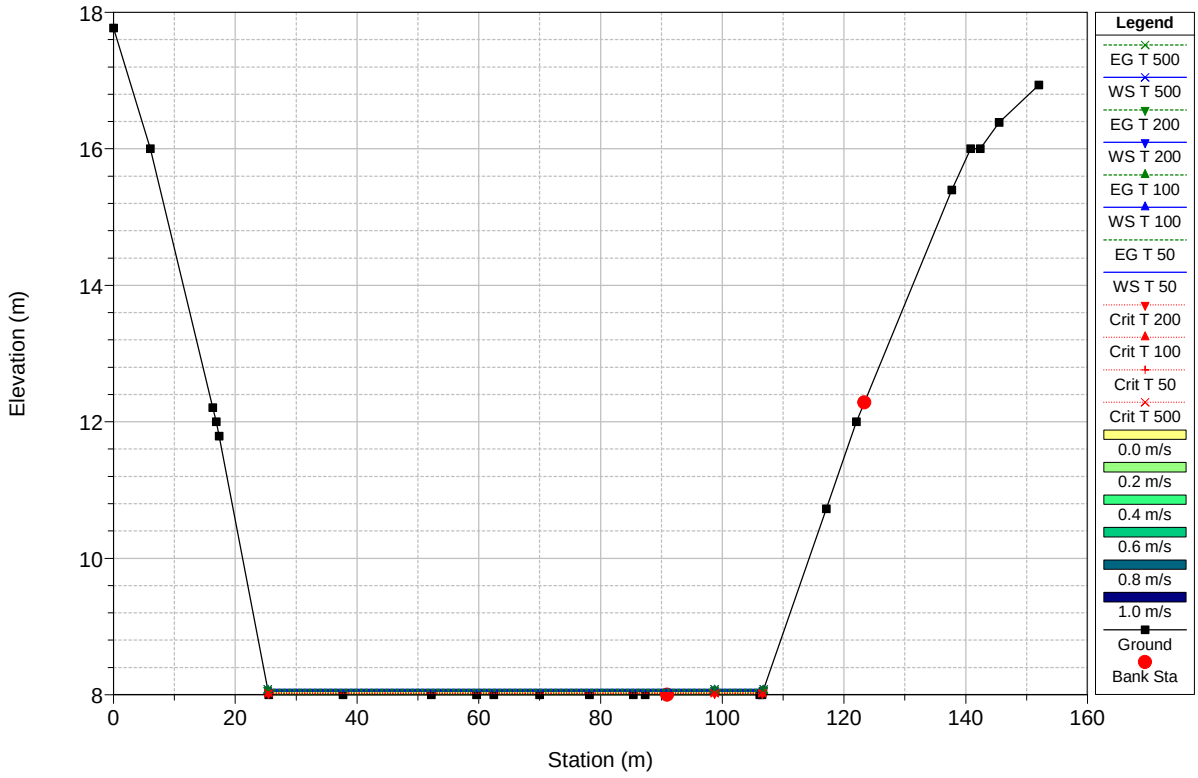
River = BACINO CD_C Reach = RAMO C RS = 394



cd_sub_c Plan: Plan 01

Geom: SI Flow: SI

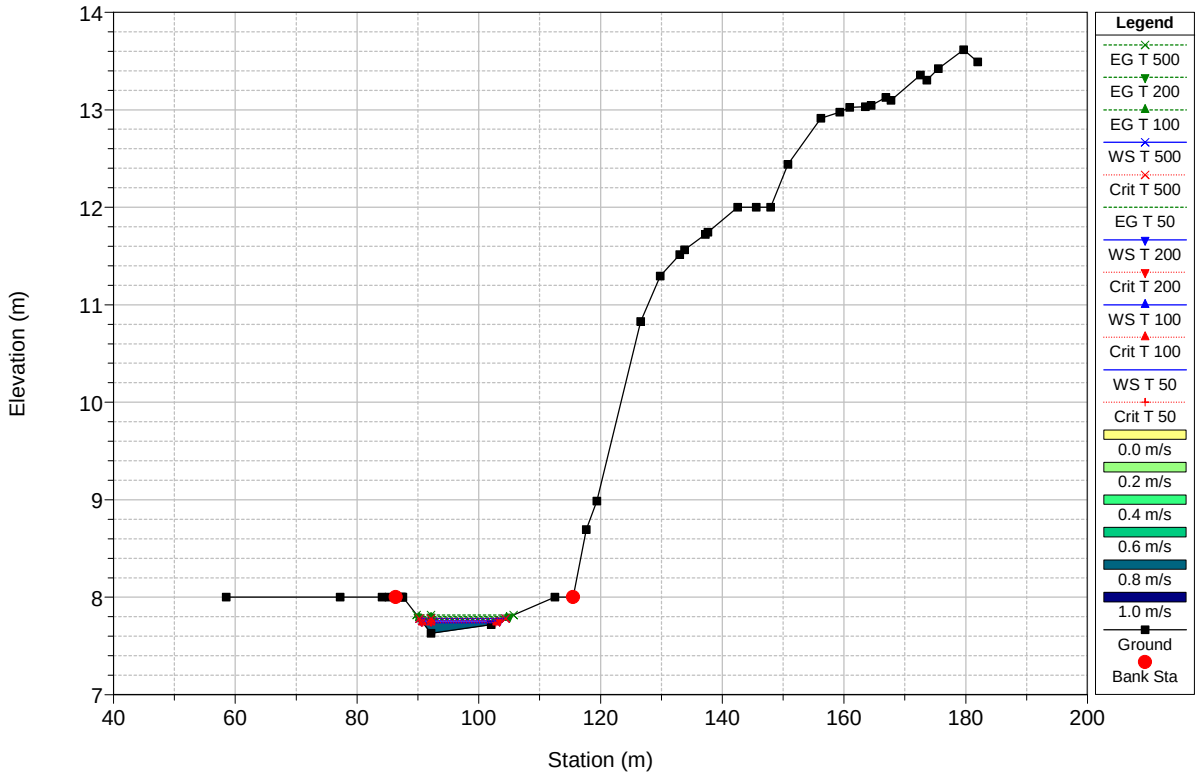
River = BACINO CD_C Reach = RAMO C RS = 300



cd_sub_c Plan: Plan 01

Geom: SI Flow: SI

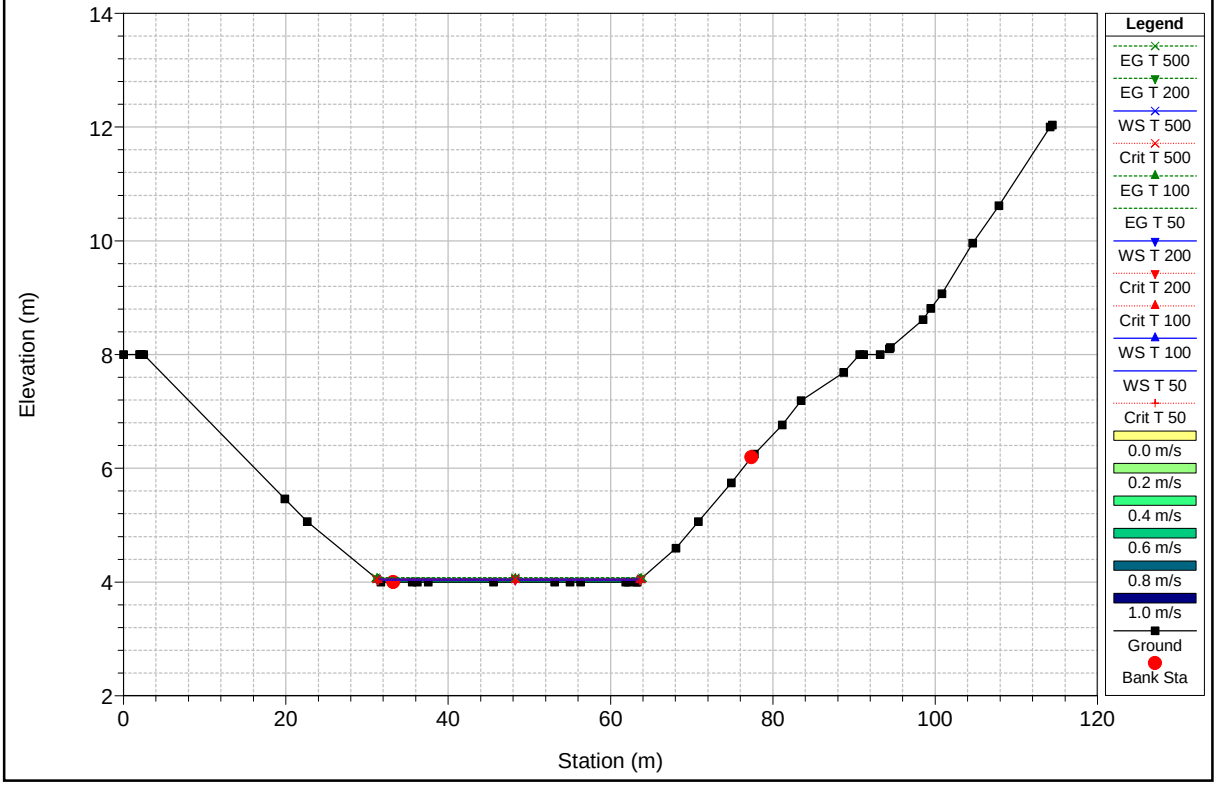
River = BACINO CD_C Reach = RAMO C RS = 250



cd_sub_c Plan: Plan 01

Geom: SI Flow: SI

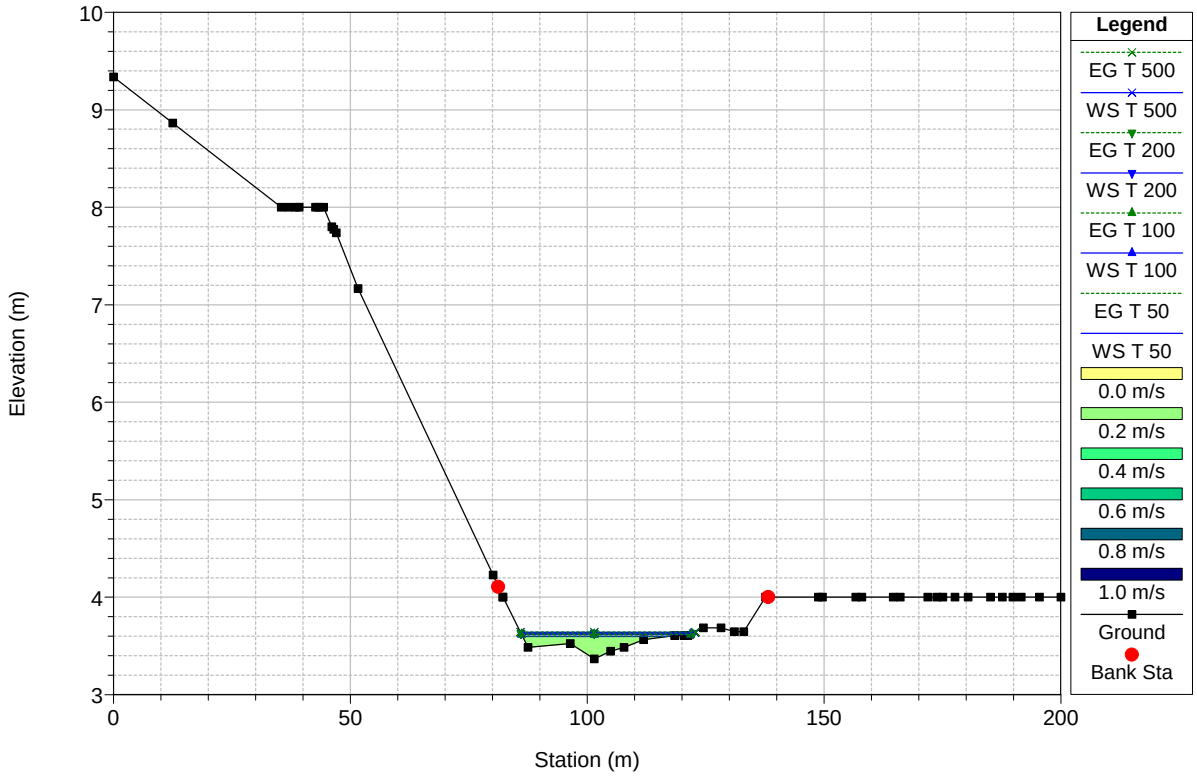
River = BACINO CD_C Reach = RAMO C RS = 191



cd_sub_c Plan: Plan 01

Geom: SI Flow: SI

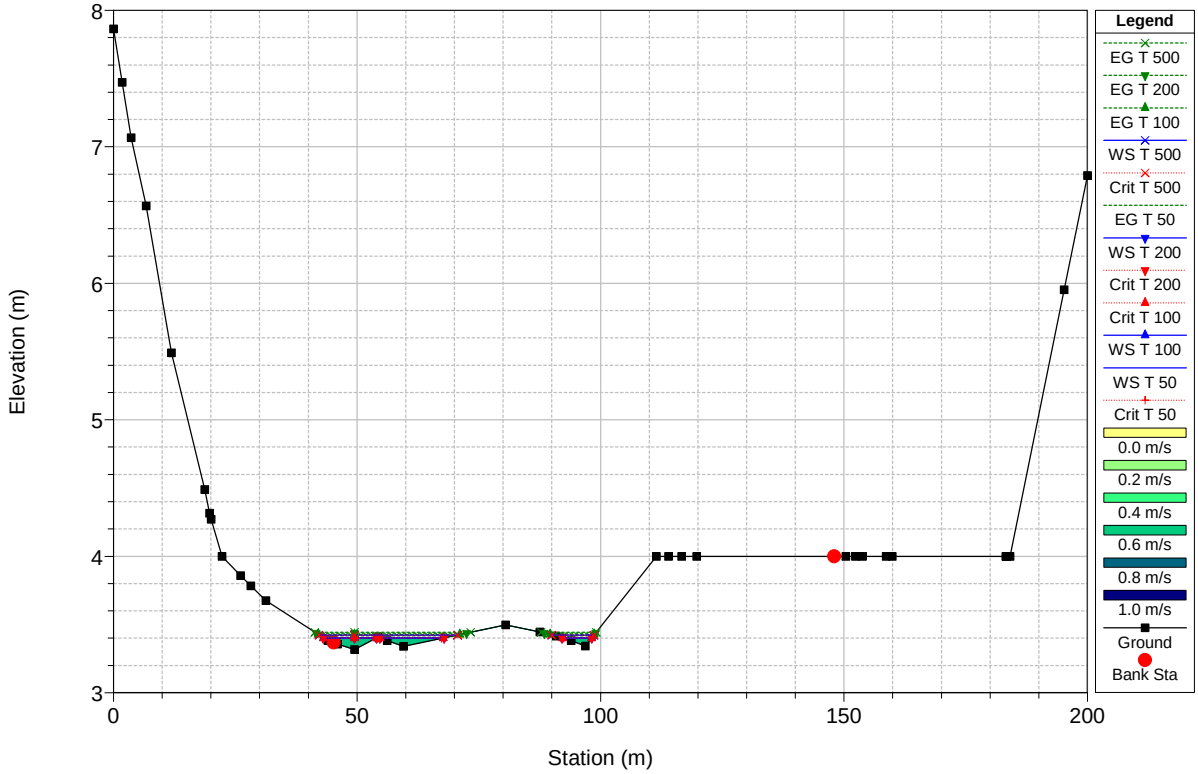
River = BACINO CD_C Reach = RAMO C RS = 150



cd_sub_c Plan: Plan 01

Geom: SI Flow: SI

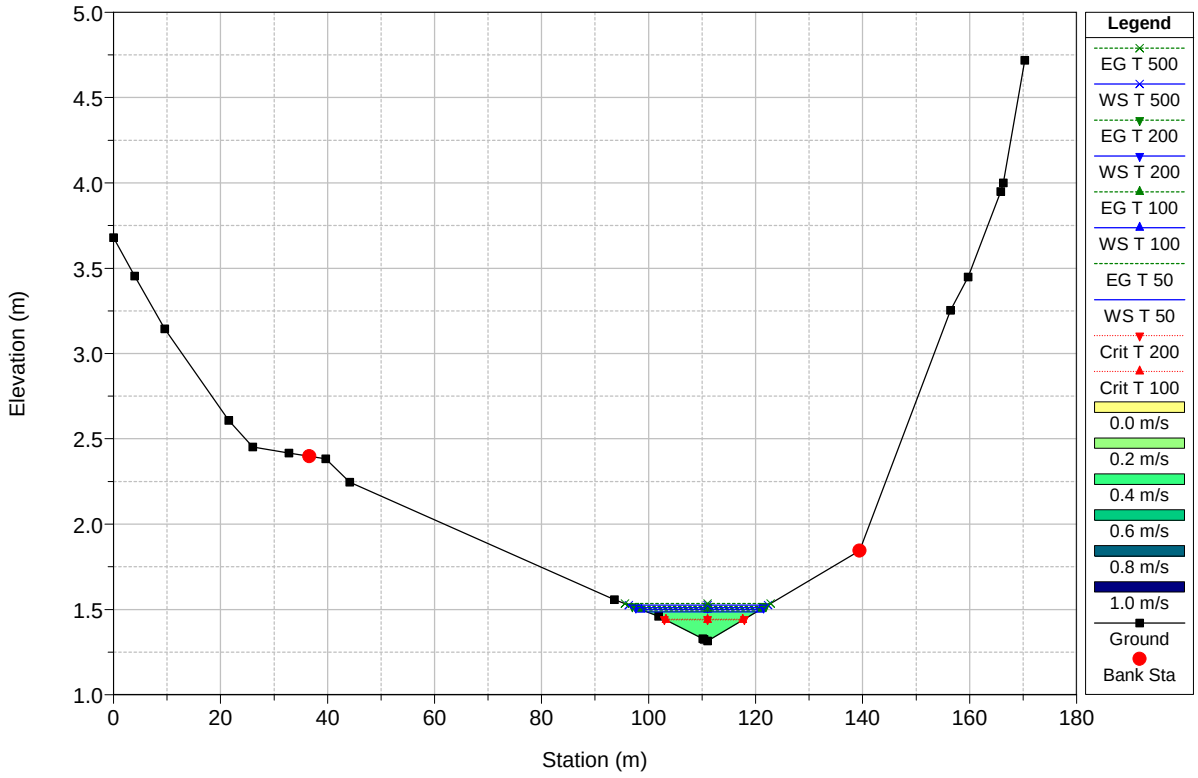
River = BACINO CD_C Reach = RAMO C RS = 100



cd_sub_c Plan: Plan 01

Geom: SI Flow: SI

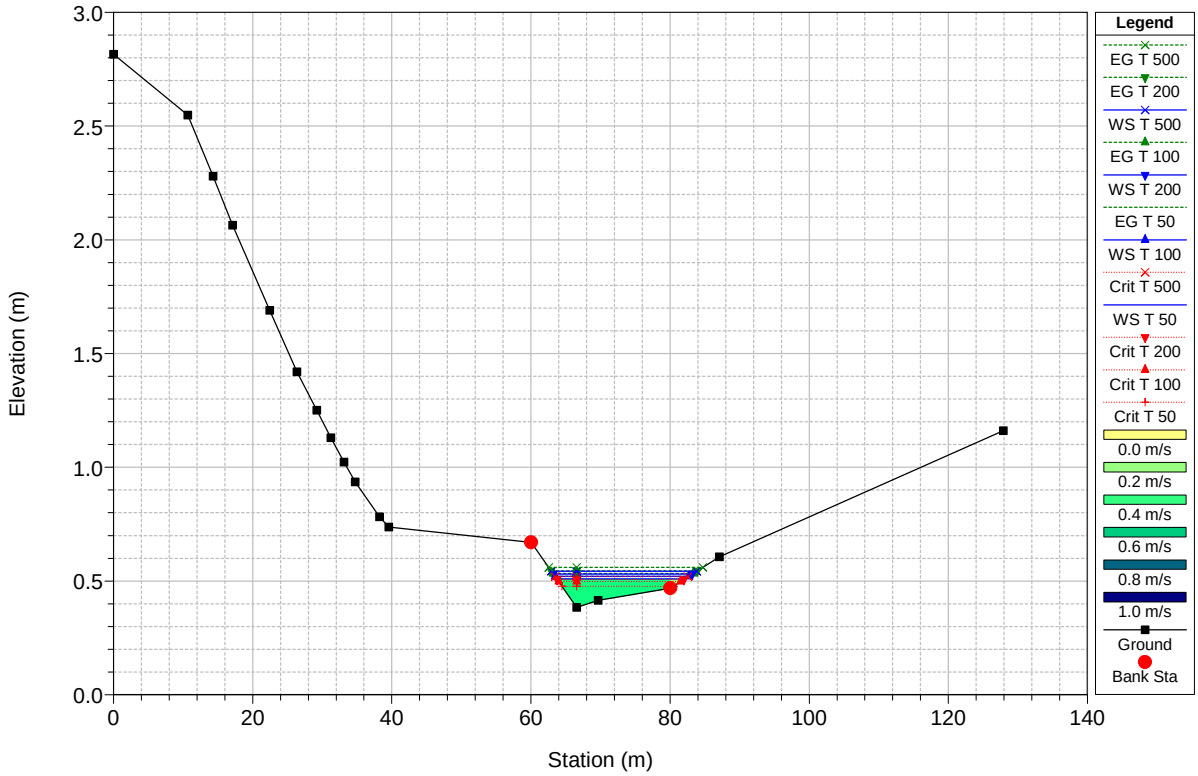
River = BACINO CD_C Reach = RAMO C RS = 50



cd_sub_c Plan: Plan 01

Geom: SI Flow: SI

River = BACINO CD_C Reach = RAMO C RS = 12



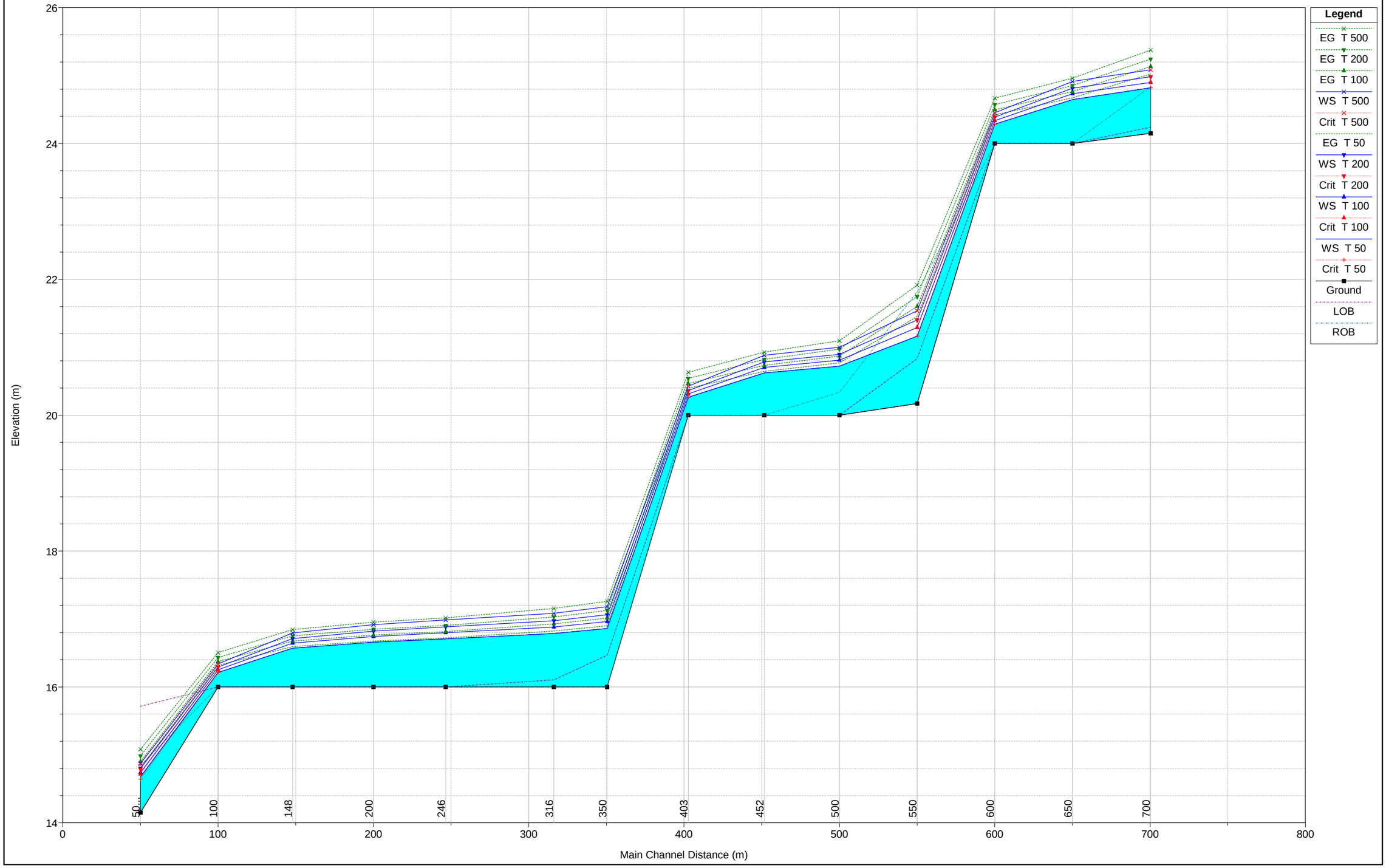
HEC-RAS Plan: Plan 01 River: BACINO CD_C Reach: RAMO C

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)	
RAMO C	600	T 50	0.58	34.98	35.16	35.16	35.20	0.050411	0.96	0.60	7.07	1.05
RAMO C	600	T 100	0.72	34.98	35.18	35.18	35.22	0.043205	0.96	0.75	7.90	0.99
RAMO C	600	T 200	0.87	34.98	35.19	35.19	35.24	0.042873	1.00	0.87	8.49	1.00
RAMO C	600	T 500	1.08	34.98	35.21	35.21	35.27	0.040984	1.04	1.04	9.29	1.00
RAMO C	550	T 50	0.58	27.85	28.03	28.03	28.07	0.065258	0.84	0.69	12.21	1.12
RAMO C	550	T 100	0.72	27.85	28.05	28.05	28.08	0.056622	0.87	0.83	12.47	1.07
RAMO C	550	T 200	0.87	27.85	28.06	28.06	28.10	0.038192	0.82	1.06	12.86	0.91
RAMO C	550	T 500	1.08	27.85	28.07	28.07	28.12	0.055289	1.00	1.08	12.89	1.10
RAMO C	500	T 50	0.58	21.08	21.24	21.24	21.28	0.046155	0.90	0.64	7.86	1.00
RAMO C	500	T 100	0.72	21.08	21.26	21.25	21.30	0.036676	0.89	0.81	8.56	0.92
RAMO C	500	T 200	0.87	21.08	21.27	21.26	21.31	0.037627	0.96	0.91	8.94	0.95
RAMO C	500	T 500	1.08	21.08	21.28	21.28	21.34	0.038851	1.06	1.03	9.41	0.98
RAMO C	450	T 50	0.58	19.07	19.25	19.24	19.29	0.029593	0.79	0.74	7.87	0.82
RAMO C	450	T 100	0.72	19.07	19.26	19.26	19.30	0.043381	0.96	0.75	7.94	1.00
RAMO C	450	T 200	0.87	19.07	19.27	19.27	19.32	0.042205	1.00	0.87	8.57	0.99
RAMO C	450	T 500	1.08	19.07	19.29	19.29	19.34	0.041030	1.04	1.04	9.35	1.00
RAMO C	394	T 50	0.58	16.00	16.02	16.02	16.03	0.134475	0.56	1.04	58.52	1.33
RAMO C	394	T 100	0.72	16.00	16.02	16.02	16.04	0.072747	0.51	1.43	58.73	1.03
RAMO C	394	T 200	0.87	16.00	16.03	16.03	16.04	0.065562	0.53	1.65	58.86	1.00
RAMO C	394	T 500	1.08	16.00	16.03	16.03	16.05	0.072983	0.60	1.82	58.95	1.08
RAMO C	300	T 50	0.58	8.00	8.05	8.02	8.05	0.001884	0.14	4.28	81.34	0.19
RAMO C	300	T 100	0.72	8.00	8.06	8.02	8.06	0.001703	0.14	5.03	81.39	0.18
RAMO C	300	T 200	0.87	8.00	8.07	8.02	8.07	0.001782	0.16	5.56	81.43	0.19
RAMO C	300	T 500	1.08	8.00	8.08	8.02	8.08	0.001781	0.17	6.33	81.49	0.20
RAMO C	250	T 50	0.58	7.63	7.74	7.74	7.77	0.057151	0.81	0.71	11.96	1.06
RAMO C	250	T 100	0.72	7.63	7.75	7.74	7.79	0.064679	0.91	0.79	12.28	1.14
RAMO C	250	T 200	0.87	7.63	7.76	7.76	7.80	0.057372	0.93	0.94	12.85	1.10
RAMO C	250	T 500	1.08	7.63	7.78	7.78	7.82	0.035161	0.84	1.28	14.13	0.89
RAMO C	191	T 50	0.58	4.00	4.03	4.03	4.05	0.068029	0.58	1.01	32.14	1.04
RAMO C	191	T 100	0.72	4.00	4.04	4.04	4.06	0.059900	0.61	1.19	32.24	1.00
RAMO C	191	T 200	0.87	4.00	4.04	4.04	4.06	0.065621	0.67	1.30	32.29	1.07
RAMO C	191	T 500	1.08	4.00	4.06	4.06	4.07	0.033947	0.60	1.81	32.55	0.81
RAMO C	150	T 50	0.58	3.37	3.60		3.60	0.001263	0.19	3.07	30.91	0.19
RAMO C	150	T 100	0.72	3.37	3.62		3.62	0.001200	0.20	3.68	35.55	0.19
RAMO C	150	T 200	0.87	3.37	3.63		3.63	0.001154	0.21	4.23	36.33	0.19
RAMO C	150	T 500	1.08	3.37	3.64		3.64	0.001426	0.24	4.54	36.78	0.22
RAMO C	100	T 50	0.58	3.32	3.40	3.40	3.42	0.050897	0.62	0.97	28.54	1.05
RAMO C	100	T 100	0.72	3.32	3.40	3.40	3.43	0.063994	0.71	1.05	29.69	1.18
RAMO C	100	T 200	0.87	3.32	3.40	3.40	3.44	0.083256	0.82	1.09	30.35	1.35
RAMO C	100	T 500	1.08	3.32	3.42	3.42	3.44	0.032657	0.63	1.79	37.15	0.90
RAMO C	50	T 50	0.58	1.32	1.49		1.49	0.016647	0.34	1.70	20.44	0.38
RAMO C	50	T 100	0.72	1.32	1.50	1.44	1.51	0.016921	0.36	1.98	22.20	0.39
RAMO C	50	T 200	0.87	1.32	1.51	1.44	1.52	0.016952	0.38	2.26	23.90	0.40
RAMO C	50	T 500	1.08	1.32	1.53		1.53	0.016814	0.41	2.64	26.01	0.41
RAMO C	12	T 50	0.58	0.38	0.51	0.48	0.52	0.044027	0.47	1.27	18.42	0.54
RAMO C	12	T 100	0.72	0.38	0.52	0.50	0.53	0.044009	0.50	1.46	19.19	0.55
RAMO C	12	T 200	0.87	0.38	0.53	0.51	0.54	0.044006	0.54	1.66	19.94	0.56
RAMO C	12	T 500	1.08	0.38	0.54	0.52	0.56	0.044070	0.58	1.93	20.89	0.57

IL BACINO RUDALZA
Ramo Nord

BACINO RUDALZA FINALE Plan: Plan 04

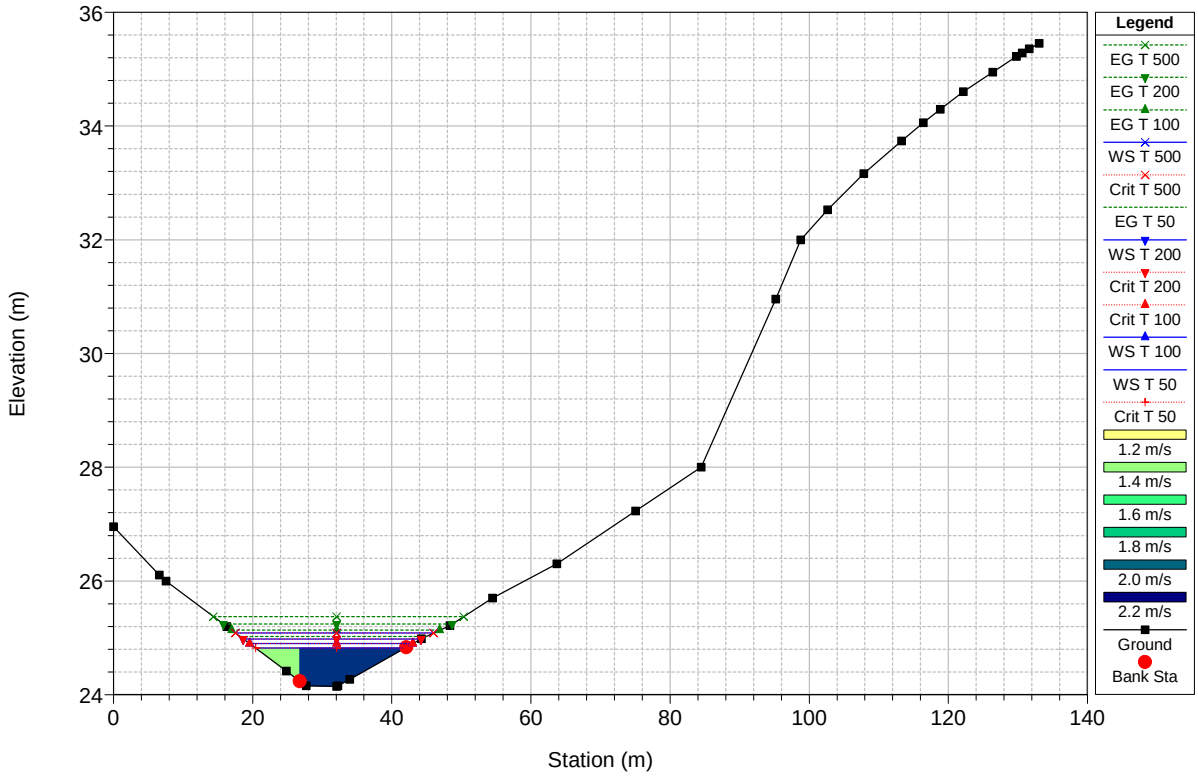
Geom: SI Flow: Flow 01



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

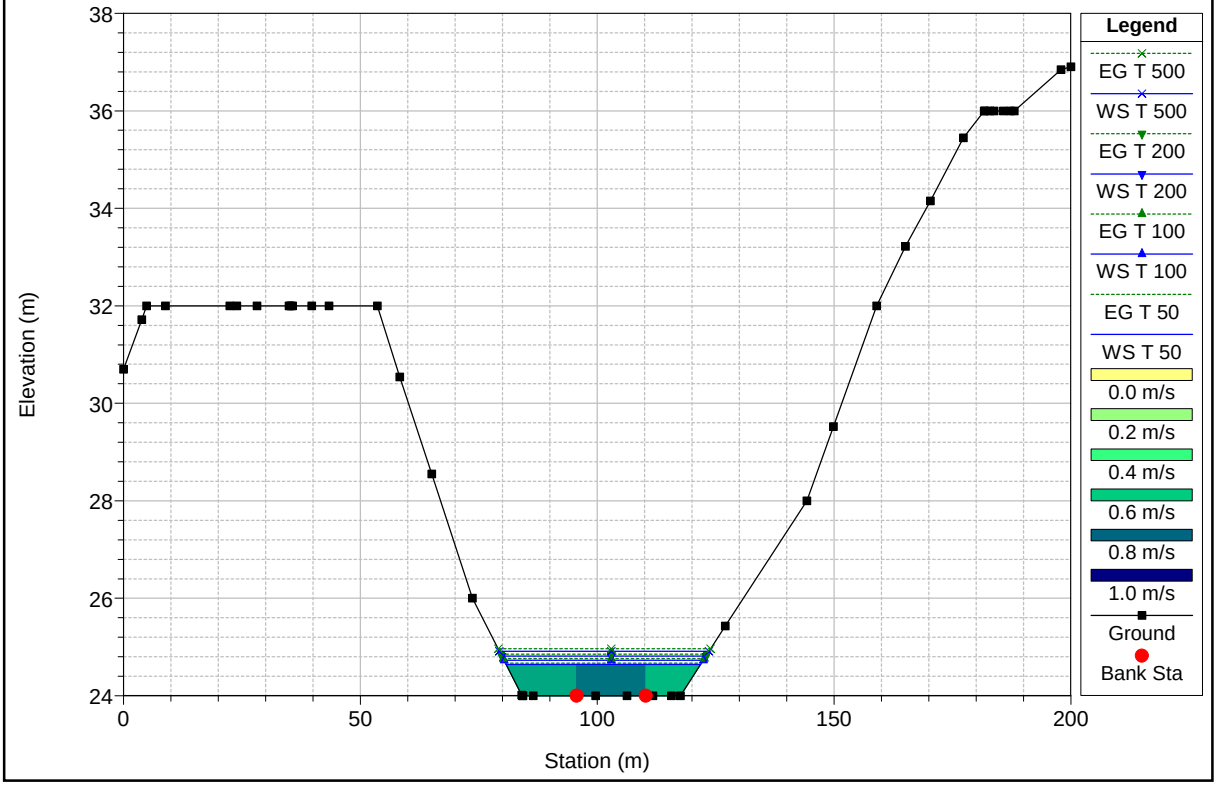
River = BACINO RUDALZA Reach = TRC_FINALE RS = 700



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

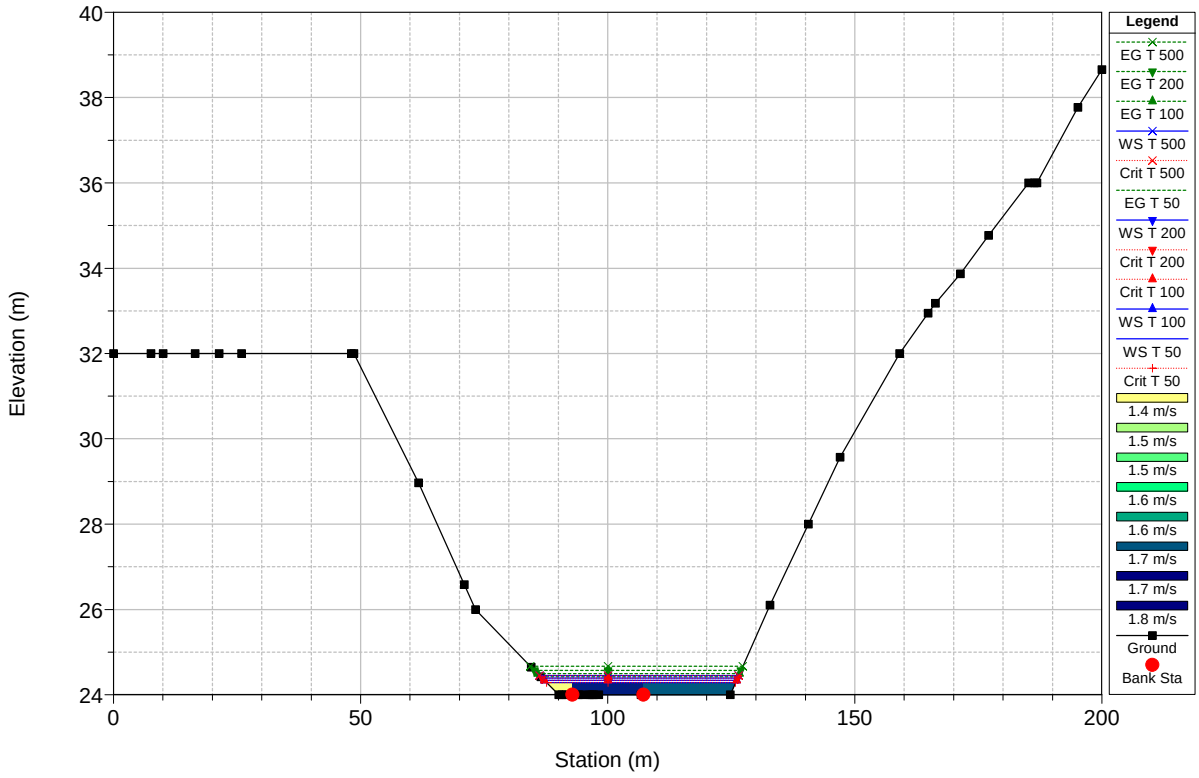
River = BACINO RUDALZA Reach = TRC_FINALE RS = 650



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

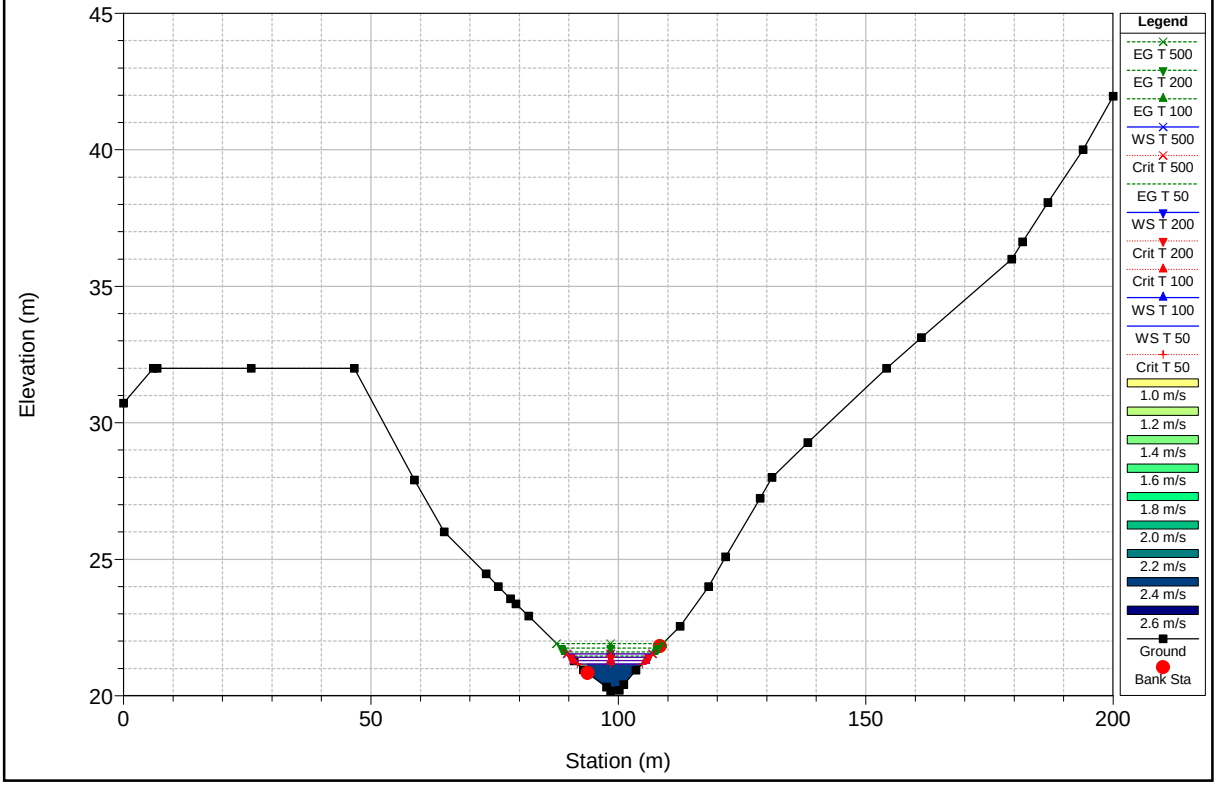
River = BACINO RUDALZA Reach = TRC_FINALE RS = 600



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

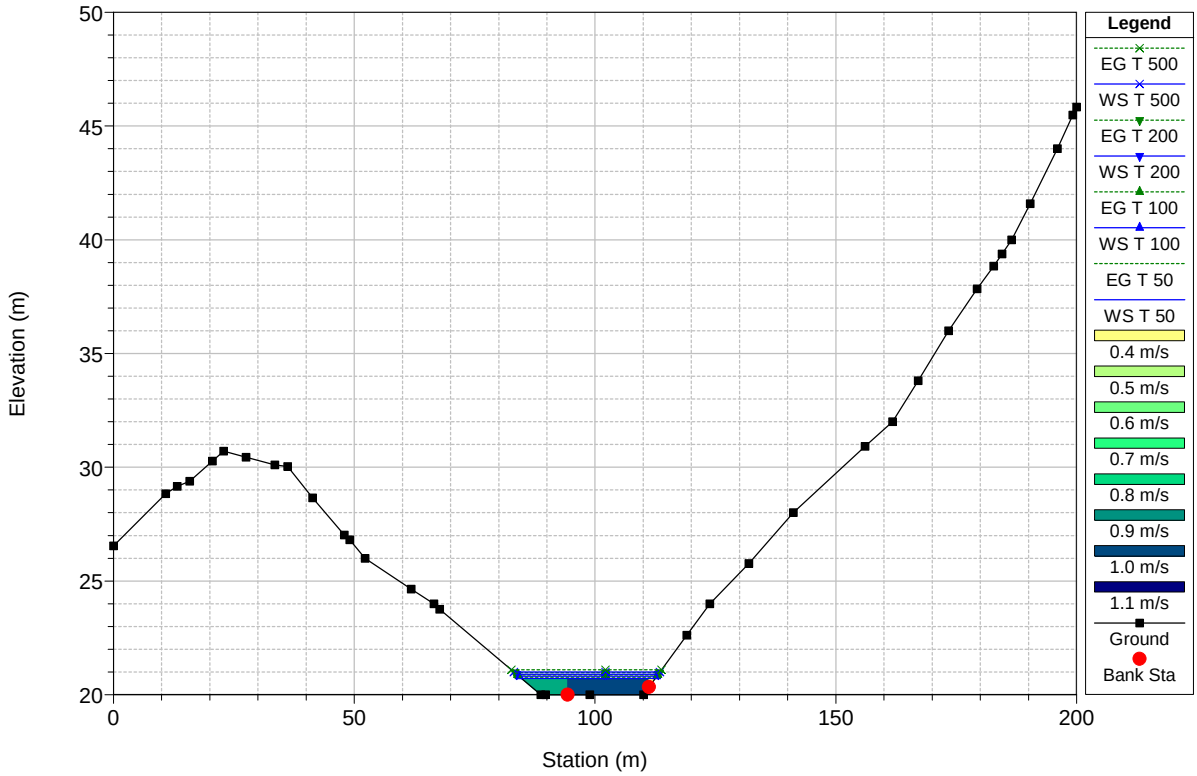
River = BACINO RUDALZA Reach = TRC_FINALE RS = 550



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

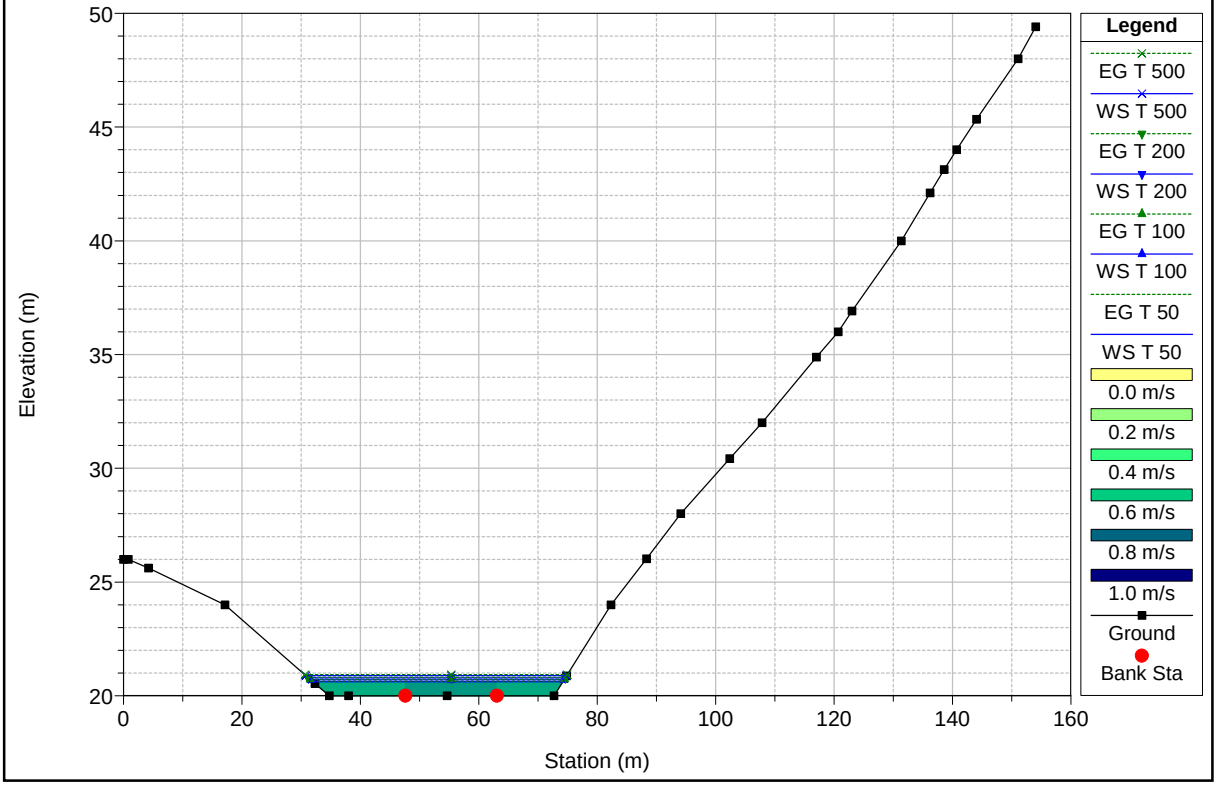
River = BACINO RUDALZA Reach = TRC_FINALE RS = 500



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

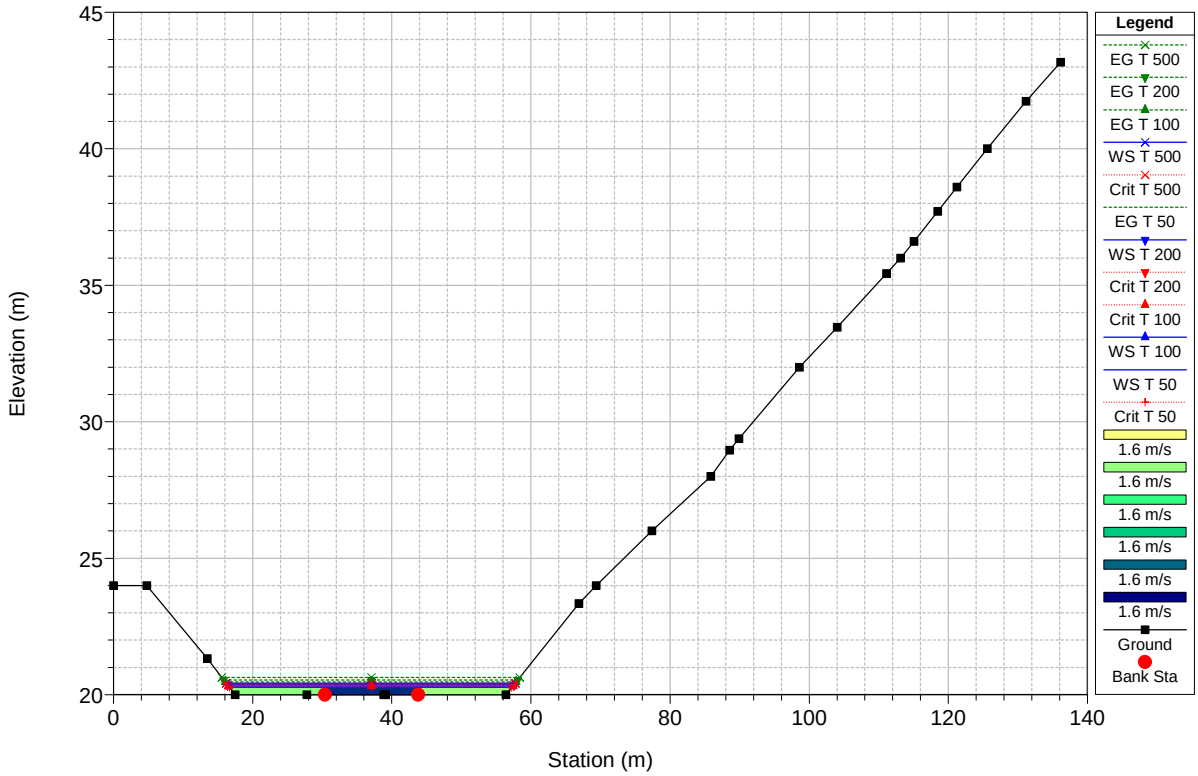
River = BACINO RUDALZA Reach = TRC_FINALE RS = 452



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

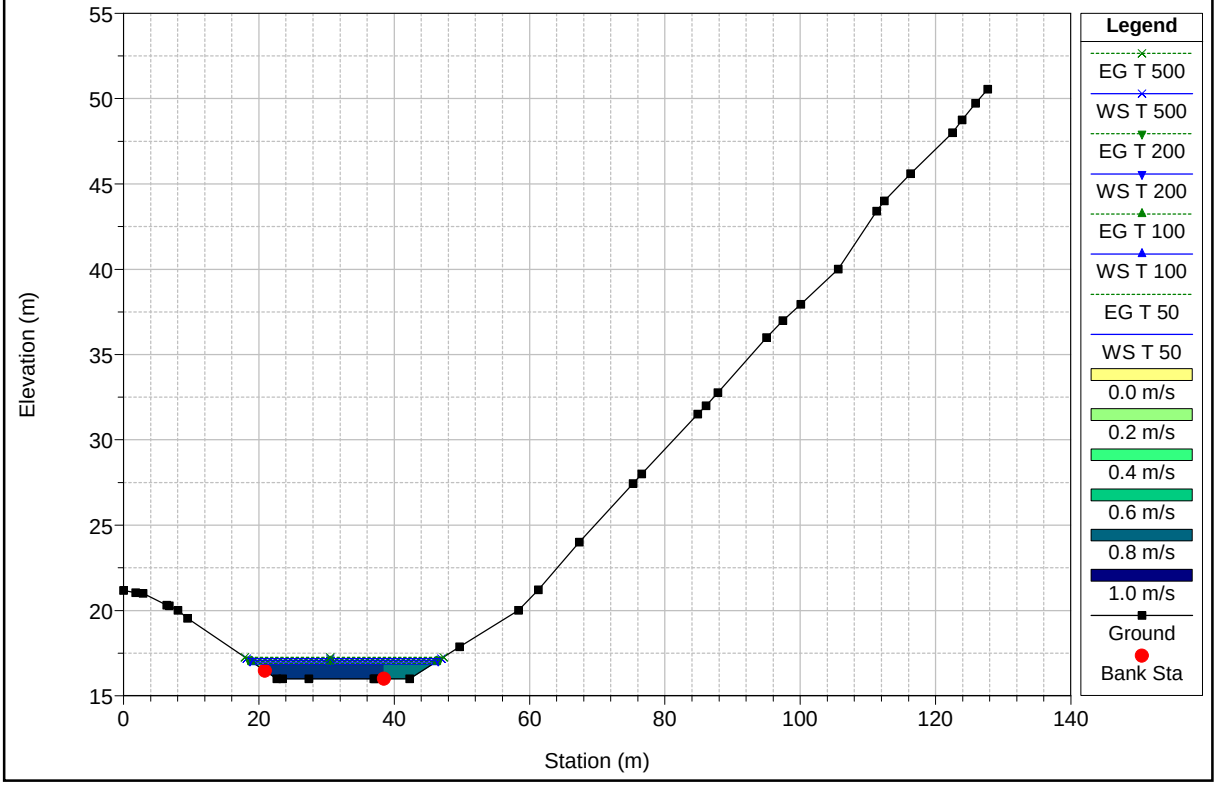
River = BACINO RUDALZA Reach = TRC_FINALE RS = 403



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

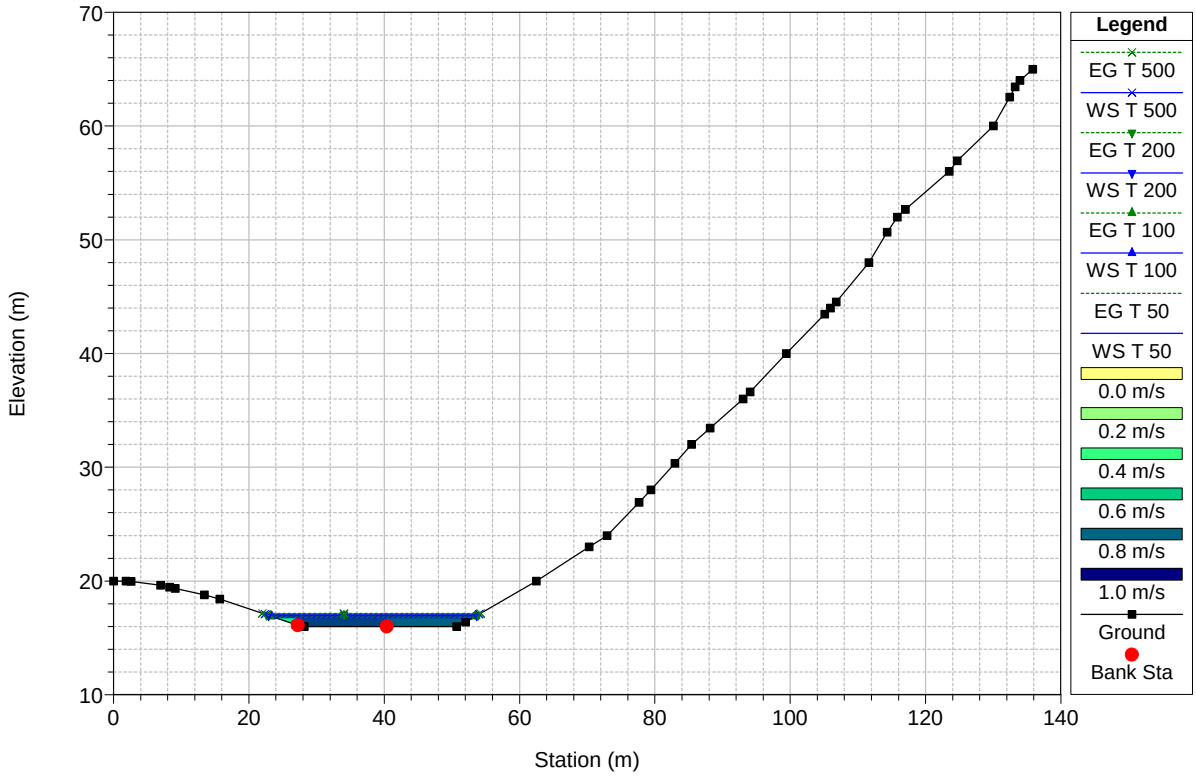
River = BACINO RUDALZA Reach = TRC_FINALE RS = 350



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

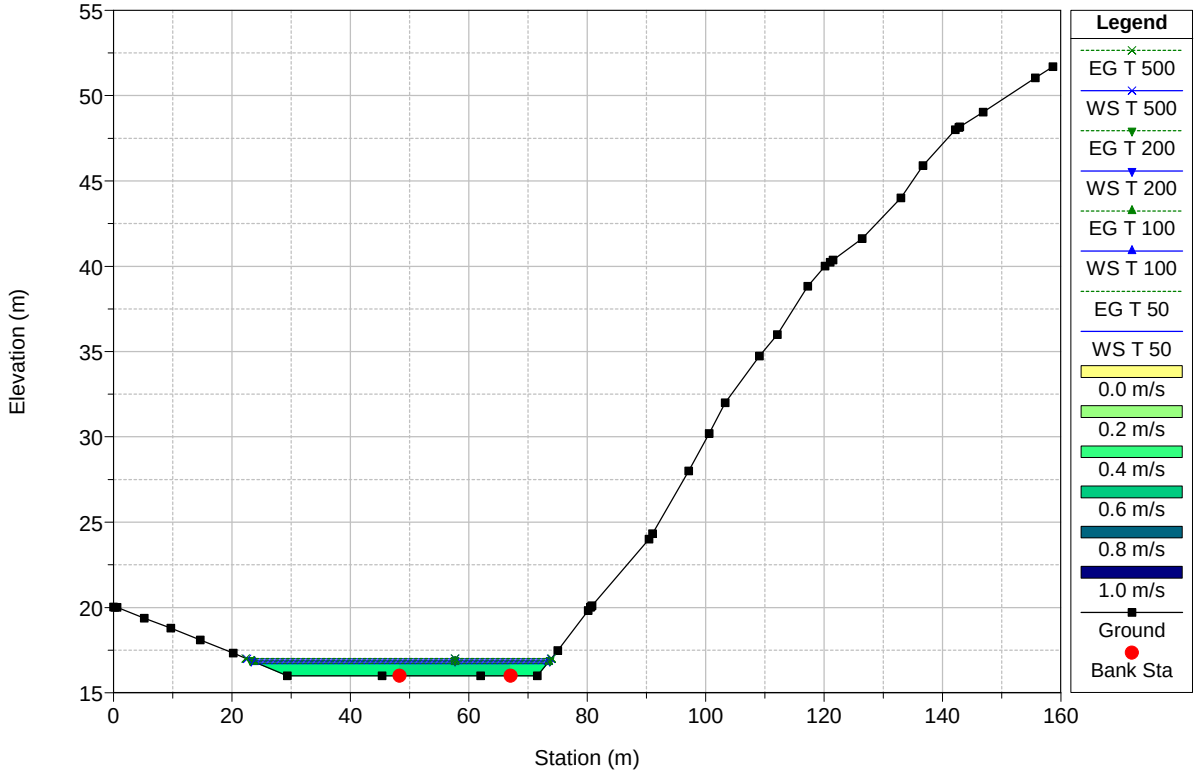
River = BACINO RUDALZA Reach = TRC_FINALE RS = 316



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

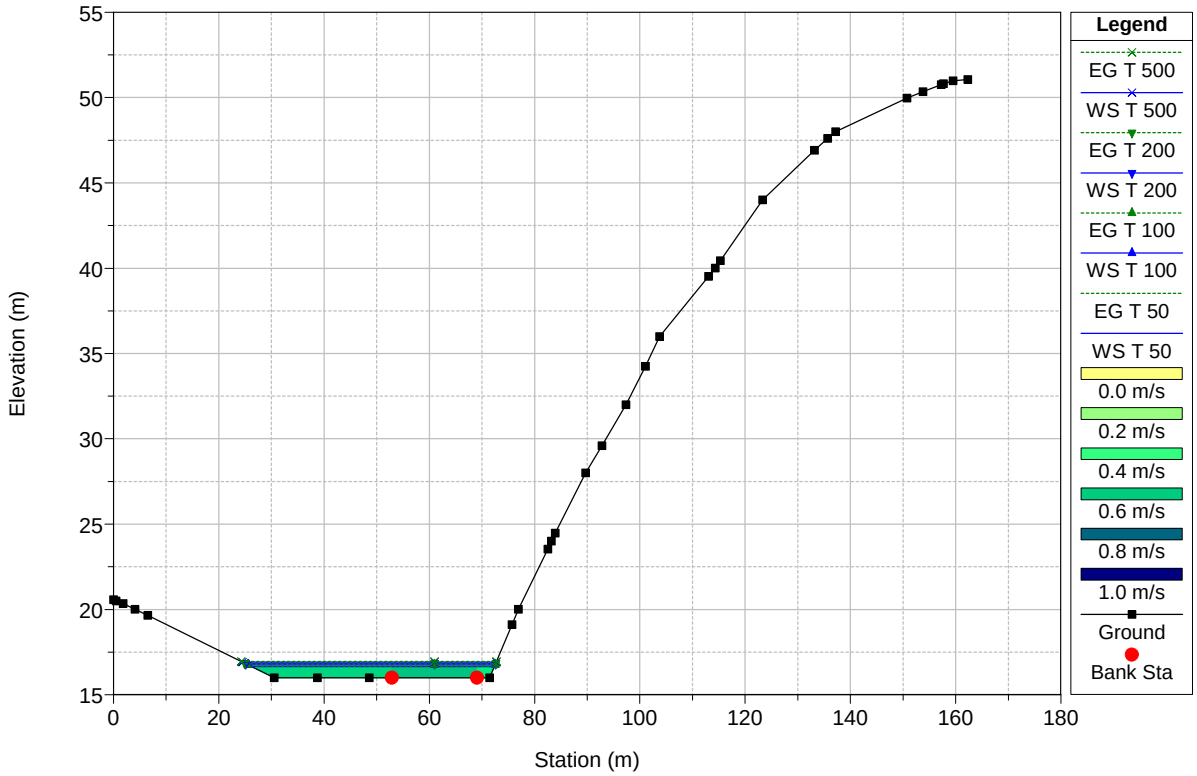
River = BACINO RUDALZA Reach = TRC_FINALE RS = 246



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

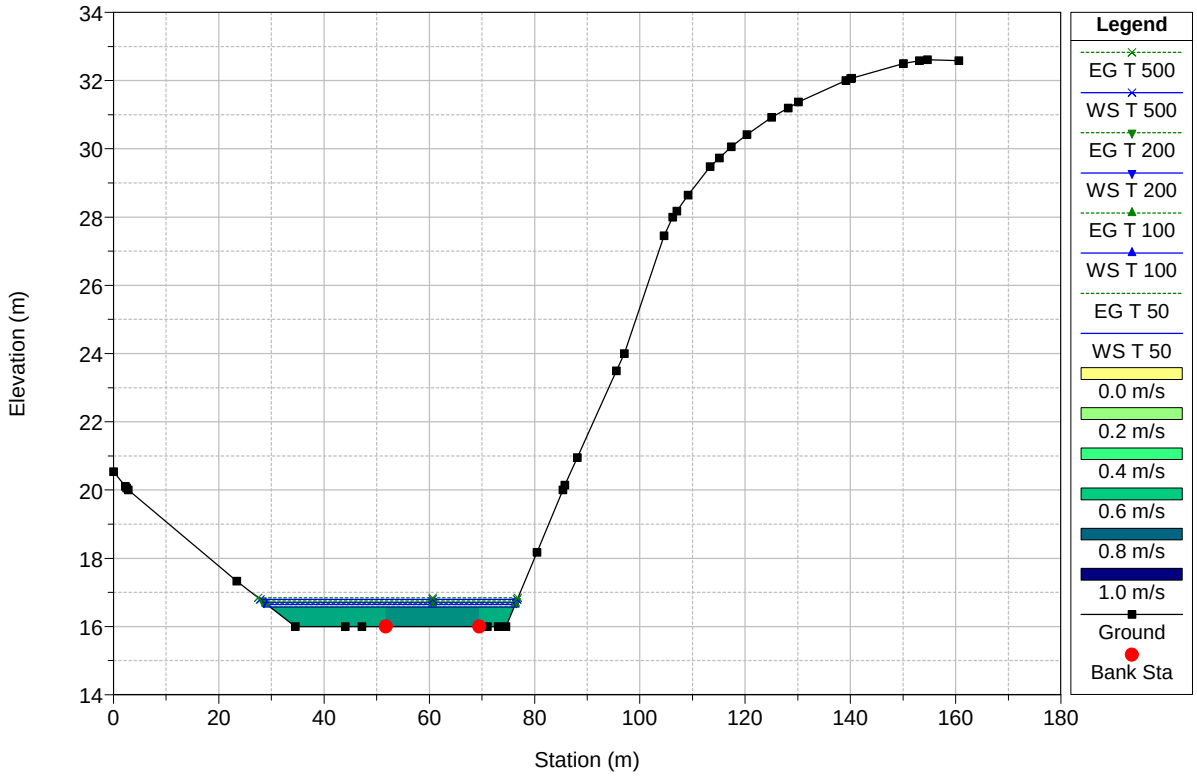
River = BACINO RUDALZA Reach = TRC_FINALE RS = 200



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

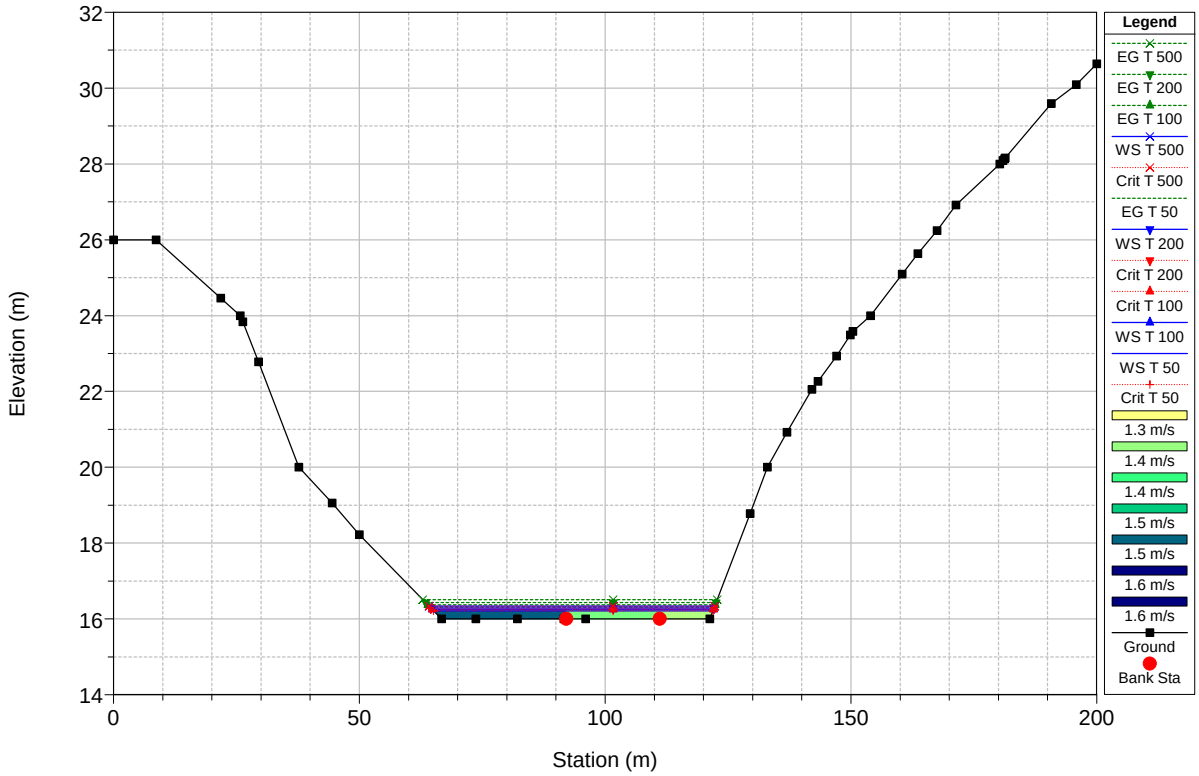
River = BACINO RUDALZA Reach = TRC_FINALE RS = 148



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

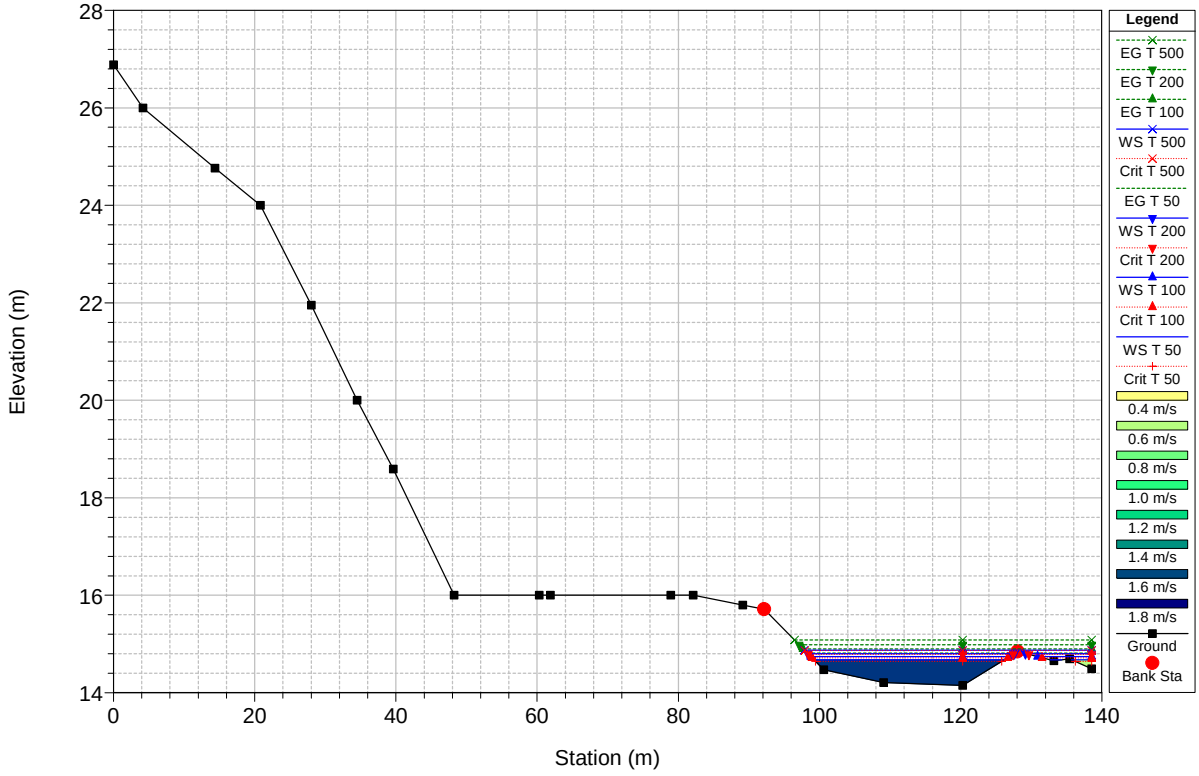
River = BACINO RUDALZA Reach = TRC_FINALE RS = 100



BACINO RUDALZA FINALE Plan: Plan 04

Geom: SI Flow: Flow 01

River = BACINO RUDALZA Reach = TRC_FINALE RS = 50



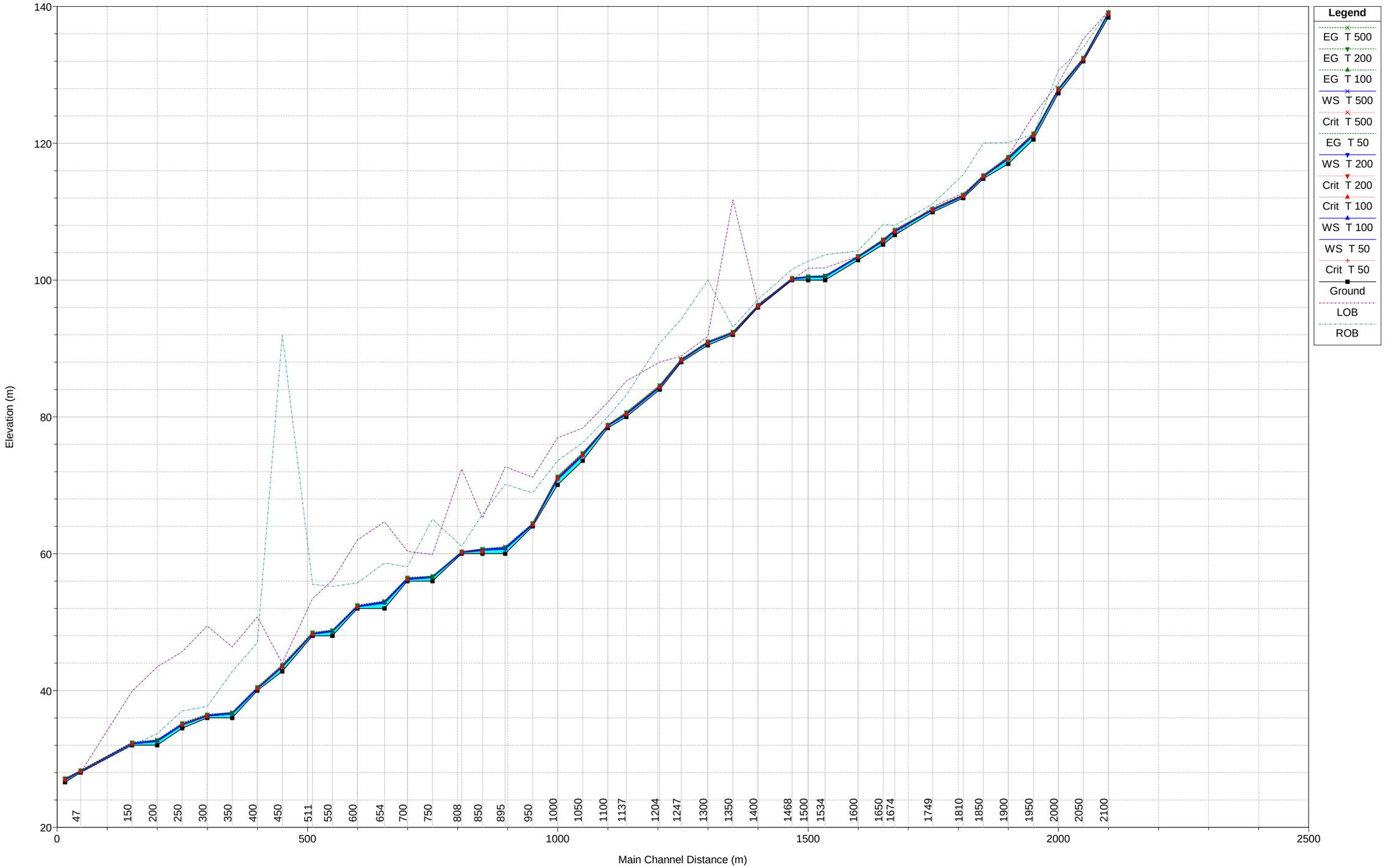
HEC-RAS Plan: Plan 03 River: BACINO RUDALZA Reach: TRC_FINALE

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)	
TRC_FINALE	700	T 50	16.92	24.15	24.82	24.82	25.03	0.020600	2.11	8.66	21.46	1.00
TRC_FINALE	700	T 100	21.73	24.15	24.90	24.90	25.13	0.020011	2.26	10.45	23.48	1.00
TRC_FINALE	700	T 200	27.16	24.15	24.98	24.98	25.24	0.019019	2.40	12.48	25.58	0.98
TRC_FINALE	700	T 500	34.52	24.15	25.08	25.08	25.37	0.017692	2.54	15.27	28.51	0.96
TRC_FINALE	650	T 50	16.92	24.00	24.65		24.67	0.001939	0.77	24.07	41.08	0.31
TRC_FINALE	650	T 100	21.73	24.00	24.73		24.76	0.002085	0.87	27.63	42.09	0.32
TRC_FINALE	650	T 200	27.16	24.00	24.81		24.85	0.002254	0.97	31.13	43.07	0.34
TRC_FINALE	650	T 500	34.52	24.00	24.91		24.96	0.002445	1.09	35.45	44.24	0.36
TRC_FINALE	600	T 50	16.92	24.00	24.28	24.28	24.42	0.030723	1.68	10.35	38.22	1.01
TRC_FINALE	600	T 100	21.73	24.00	24.34	24.34	24.50	0.028681	1.82	12.35	38.87	1.00
TRC_FINALE	600	T 200	27.16	24.00	24.39	24.39	24.57	0.027365	1.96	14.41	39.53	1.00
TRC_FINALE	600	T 500	34.52	24.00	24.45	24.45	24.67	0.026362	2.13	16.95	40.33	1.01
TRC_FINALE	550	T 50	16.92	20.17	21.16	21.16	21.45	0.022431	2.41	7.24	13.09	0.97
TRC_FINALE	550	T 100	21.73	20.17	21.29	21.29	21.60	0.020470	2.51	9.00	14.52	0.95
TRC_FINALE	550	T 200	27.16	20.17	21.40	21.40	21.75	0.020080	2.65	10.68	15.75	0.96
TRC_FINALE	550	T 500	34.52	20.17	21.54	21.54	21.92	0.019503	2.80	12.89	17.25	0.96
TRC_FINALE	500	T 50	16.92	20.00	20.72		20.77	0.003228	1.00	17.76	27.81	0.38
TRC_FINALE	500	T 100	21.73	20.00	20.81		20.87	0.003567	1.14	20.22	28.60	0.41
TRC_FINALE	500	T 200	27.16	20.00	20.90		20.97	0.003891	1.28	22.74	29.38	0.43
TRC_FINALE	500	T 500	34.52	20.00	21.00		21.10	0.004276	1.44	25.81	30.31	0.46
TRC_FINALE	452	T 50	16.92	20.00	20.62		20.65	0.001881	0.70	24.97	42.22	0.28
TRC_FINALE	452	T 100	21.73	20.00	20.70		20.73	0.002057	0.80	28.39	42.77	0.30
TRC_FINALE	452	T 200	27.16	20.00	20.78		20.82	0.002219	0.89	31.89	43.32	0.32
TRC_FINALE	452	T 500	34.52	20.00	20.88		20.93	0.002414	1.00	36.13	43.99	0.34
TRC_FINALE	403	T 50	16.92	20.00	20.27	20.27	20.40	0.031366	1.63	10.56	40.59	1.01
TRC_FINALE	403	T 100	21.73	20.00	20.31	20.31	20.47	0.029749	1.77	12.51	40.88	1.01
TRC_FINALE	403	T 200	27.16	20.00	20.36	20.36	20.54	0.028584	1.91	14.51	41.18	1.01
TRC_FINALE	403	T 500	34.52	20.00	20.43	20.43	20.63	0.026659	2.06	17.18	41.58	1.00
TRC_FINALE	350	T 50	16.92	16.00	16.86		16.90	0.002070	0.90	19.79	26.28	0.31
TRC_FINALE	350	T 100	21.73	16.00	16.96		17.01	0.002293	1.02	22.52	27.07	0.34
TRC_FINALE	350	T 200	27.16	16.00	17.06		17.12	0.002524	1.14	25.25	27.83	0.36
TRC_FINALE	350	T 500	34.52	16.00	17.18		17.26	0.002793	1.29	28.61	28.75	0.38
TRC_FINALE	316	T 50	16.92	16.00	16.79		16.82	0.002106	0.87	20.61	29.32	0.31
TRC_FINALE	316	T 100	21.73	16.00	16.88		16.93	0.002338	0.99	23.43	30.07	0.34
TRC_FINALE	316	T 200	27.16	16.00	16.97		17.03	0.002586	1.11	26.22	30.79	0.36
TRC_FINALE	316	T 500	34.52	16.00	17.08		17.16	0.002874	1.25	29.64	31.66	0.39
TRC_FINALE	246	T 50	16.92	16.00	16.71		16.72	0.000973	0.55	32.20	48.78	0.21
TRC_FINALE	246	T 100	21.73	16.00	16.80		16.81	0.001070	0.62	36.60	49.61	0.22
TRC_FINALE	246	T 200	27.16	16.00	16.88		16.91	0.001178	0.70	40.90	50.41	0.24
TRC_FINALE	246	T 500	34.52	16.00	16.99		17.02	0.001300	0.79	46.20	51.37	0.26
TRC_FINALE	200	T 50	16.92	16.00	16.66		16.68	0.001339	0.61	28.65	46.18	0.24
TRC_FINALE	200	T 100	21.73	16.00	16.74		16.76	0.001472	0.70	32.54	46.85	0.26
TRC_FINALE	200	T 200	27.16	16.00	16.82		16.85	0.001628	0.79	36.29	47.48	0.28
TRC_FINALE	200	T 500	34.52	16.00	16.92		16.95	0.001805	0.89	40.88	48.24	0.30
TRC_FINALE	148	T 50	16.92	16.00	16.57		16.59	0.002225	0.72	24.57	46.30	0.30
TRC_FINALE	148	T 100	21.73	16.00	16.64		16.68	0.002406	0.81	28.08	47.13	0.32
TRC_FINALE	148	T 200	27.16	16.00	16.71		16.75	0.002670	0.92	31.30	47.88	0.35
TRC_FINALE	148	T 500	34.52	16.00	16.80		16.84	0.002956	1.04	35.31	48.80	0.37
TRC_FINALE	100	T 50	16.92	16.00	16.21	16.21	16.32	0.029724	1.37	11.87	56.80	0.95
TRC_FINALE	100	T 100	21.73	16.00	16.25	16.25	16.37	0.028086	1.48	14.07	57.20	0.94
TRC_FINALE	100	T 200	27.16	16.00	16.29	16.29	16.43	0.026727	1.60	16.37	57.62	0.94
TRC_FINALE	100	T 500	34.52	16.00	16.34	16.34	16.51	0.026104	1.75	19.10	58.12	0.96
TRC_FINALE	50	T 50	16.92	14.15	14.68	14.64	14.82	0.020028	1.65	10.41	31.57	0.86
TRC_FINALE	50	T 100	21.73	14.15	14.74	14.72	14.90	0.020019	1.79	12.63	35.85	0.88
TRC_FINALE	50	T 200	27.16	14.15	14.80	14.79	14.98	0.020031	1.91	14.96	38.70	0.89
TRC_FINALE	50	T 500	34.52	14.15	14.88	14.86	15.08	0.020006	2.05	17.81	40.71	0.91

IL BACINO RUDALZA
Ramo Sud-Est

bacino rudalza se Plan: Plan 03

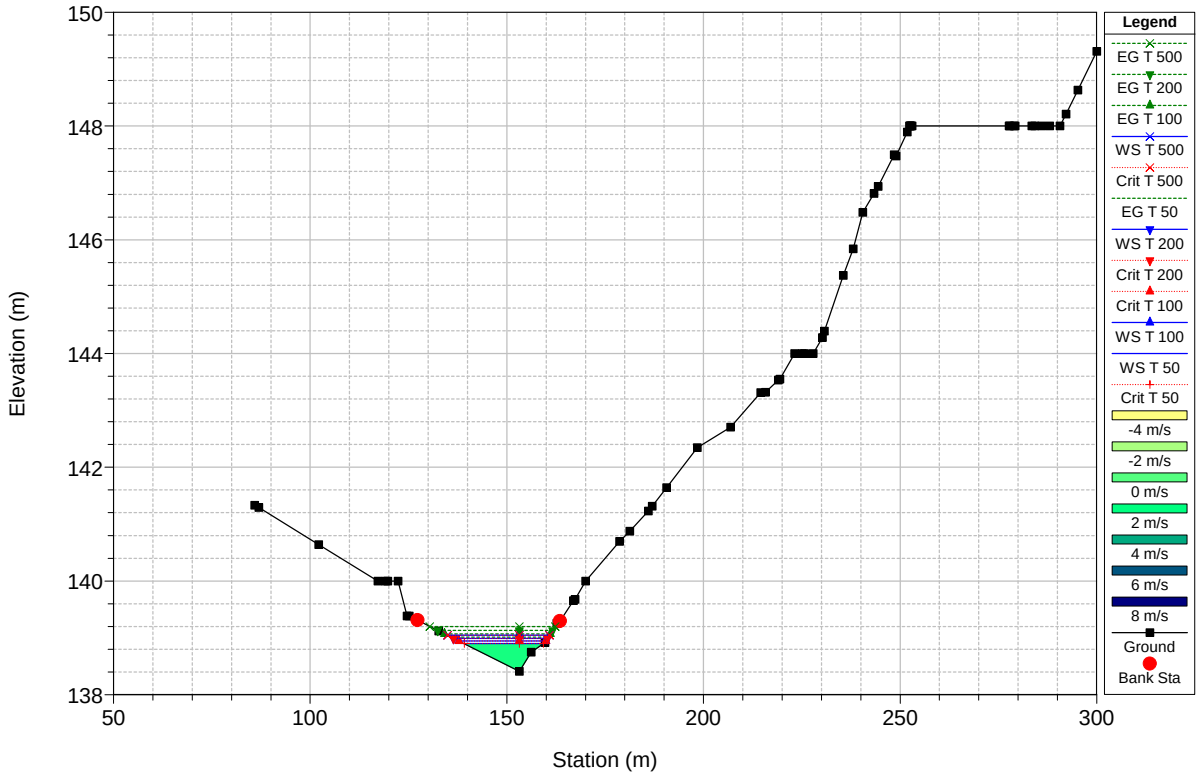
Geom: SI Flow: Flow 01



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

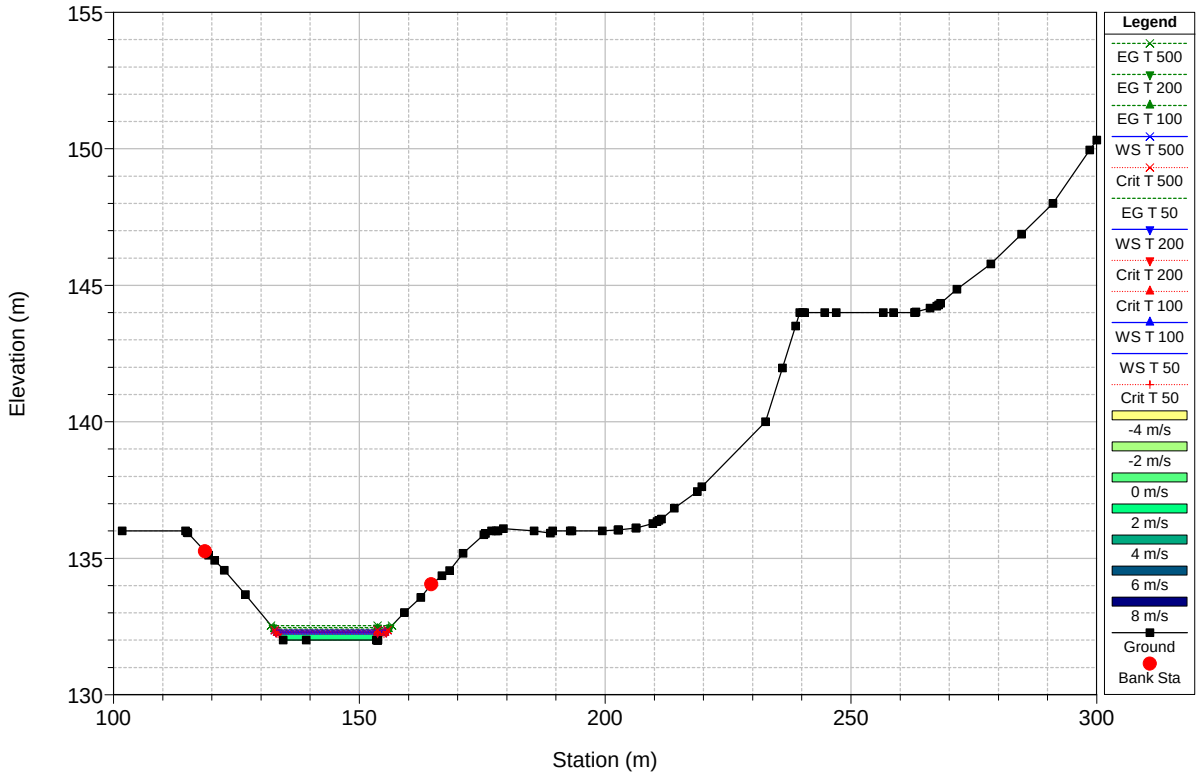
River = BACINO RUDALZA Reach = TRONCO SE RS = 2100



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

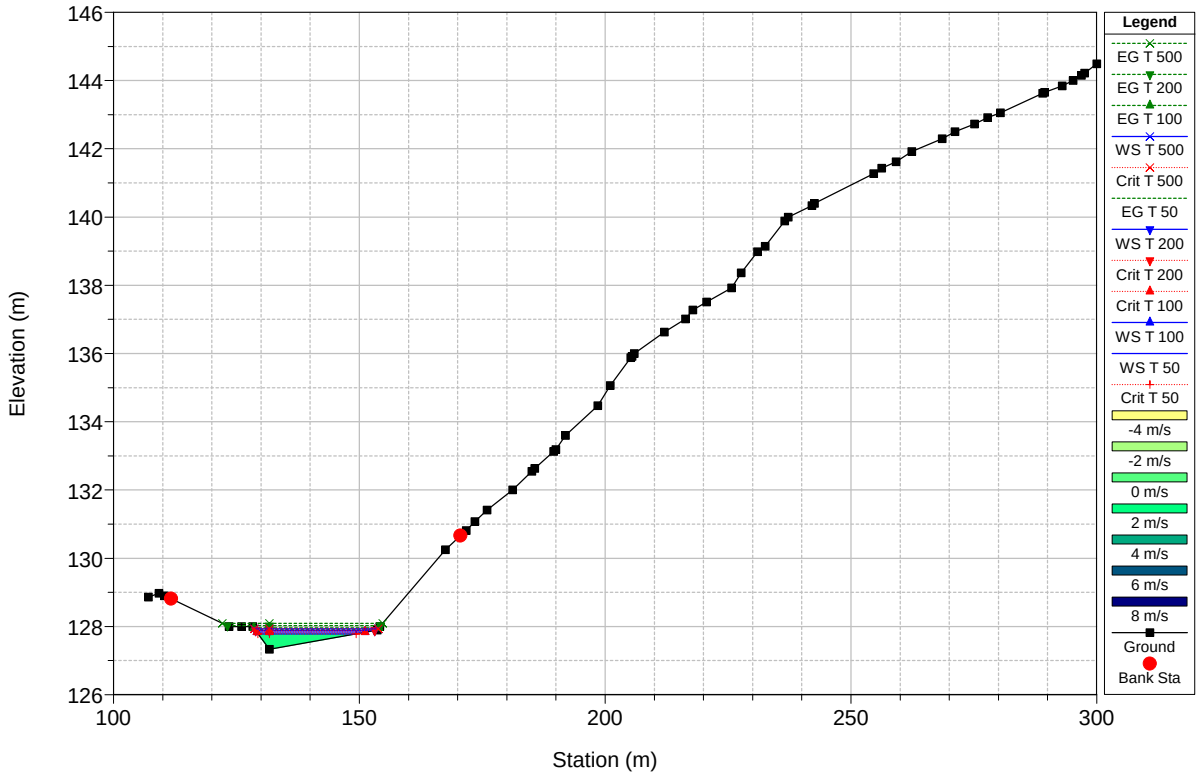
River = BACINO RUDALZA Reach = TRONCO SE RS = 2050



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

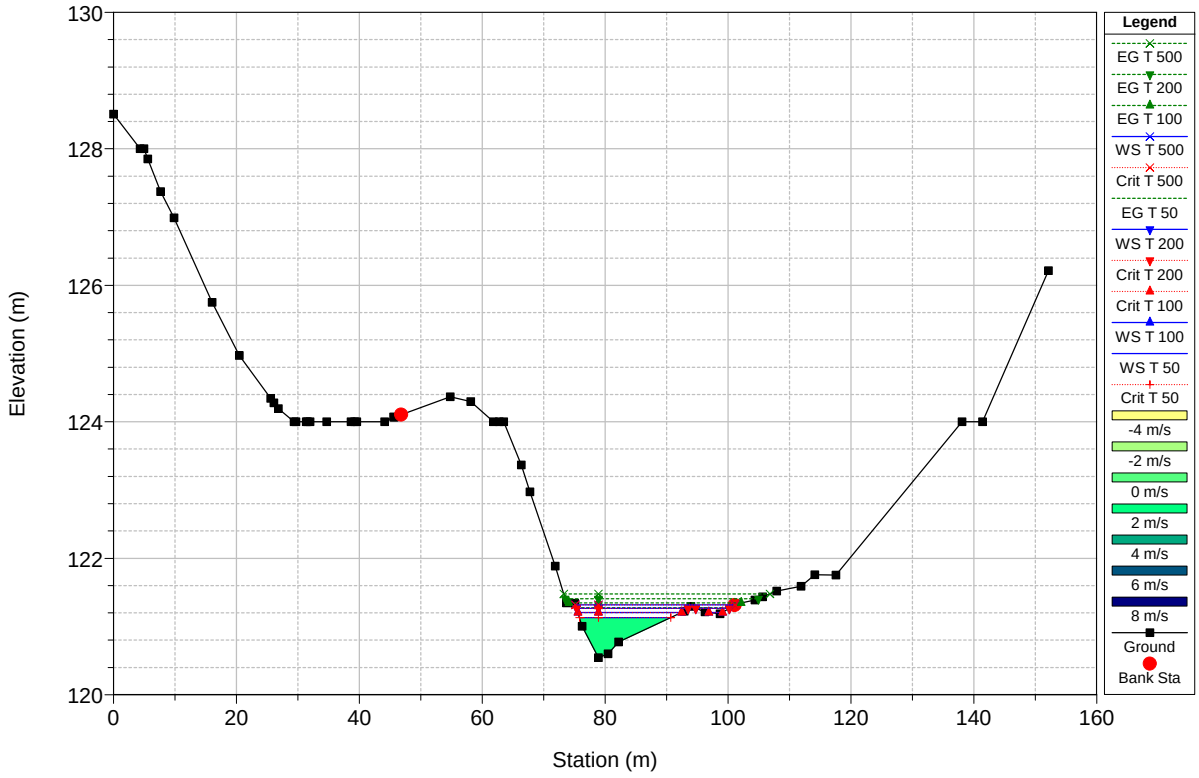
River = BACINO RUDALZA Reach = TRONCO SE RS = 2000



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

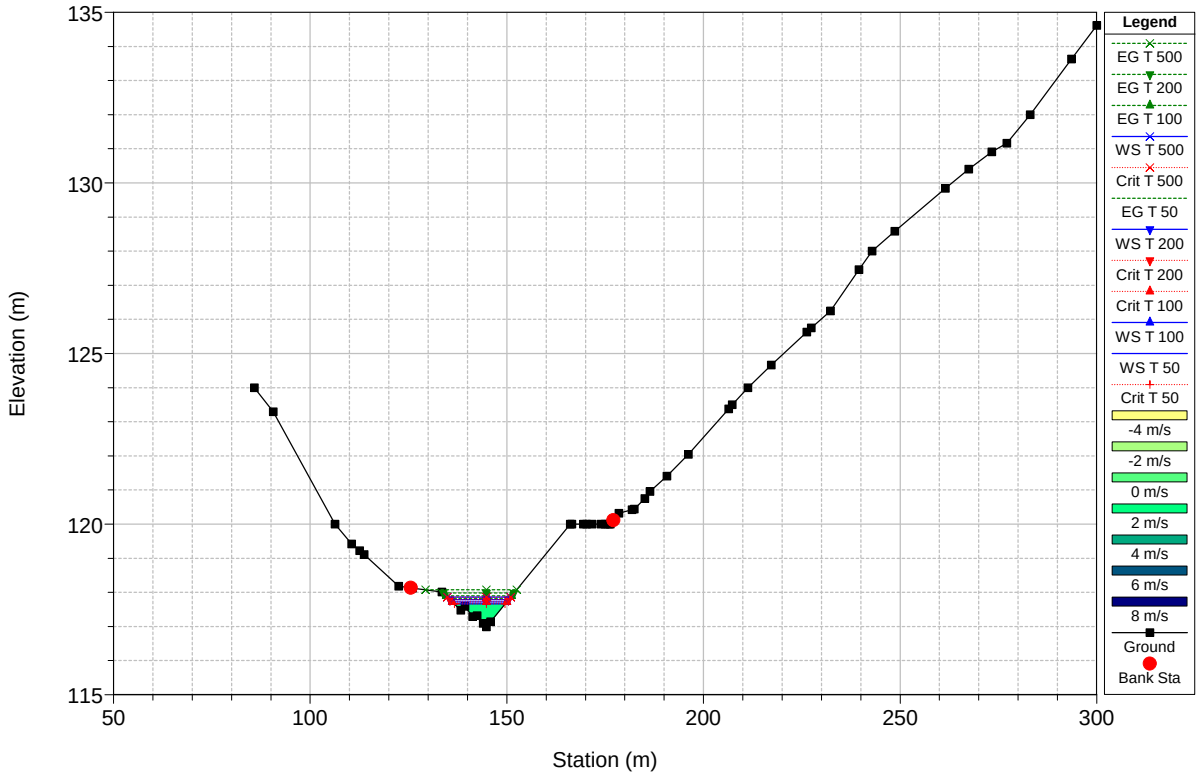
River = BACINO RUDALZA Reach = TRONCO SE RS = 1950



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

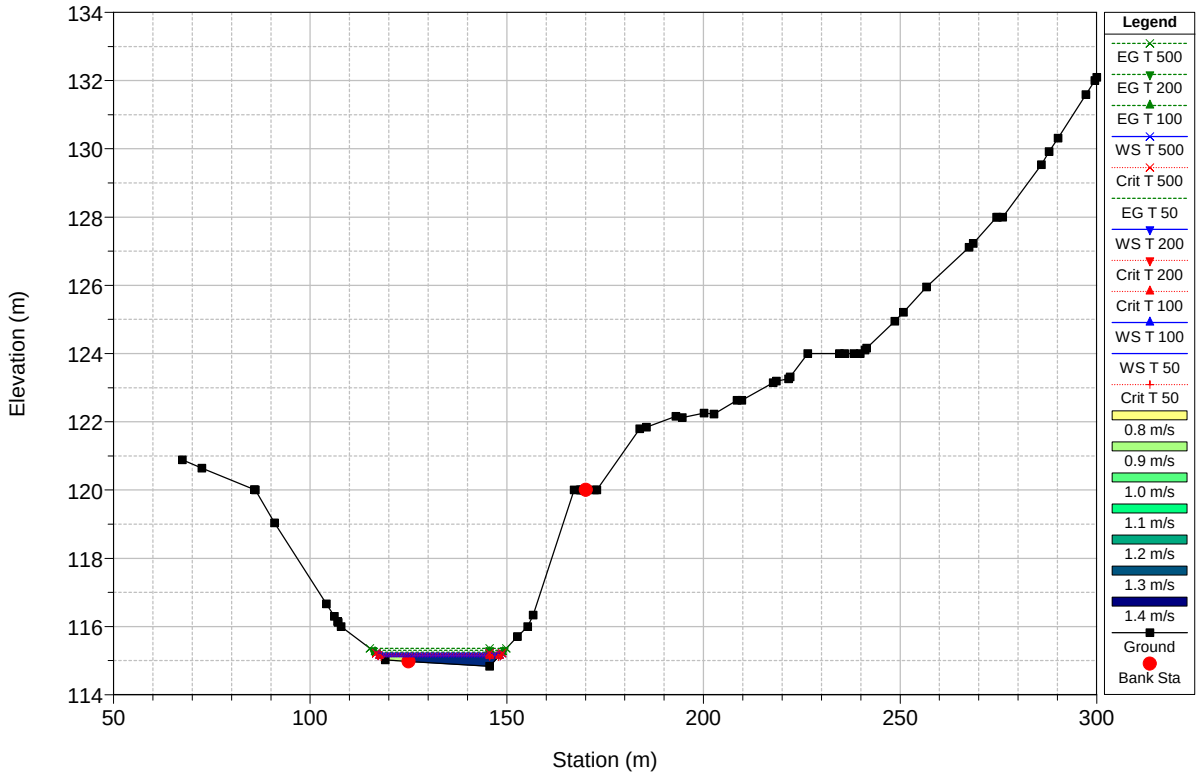
River = BACINO RUDALZA Reach = TRONCO SE RS = 1900



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

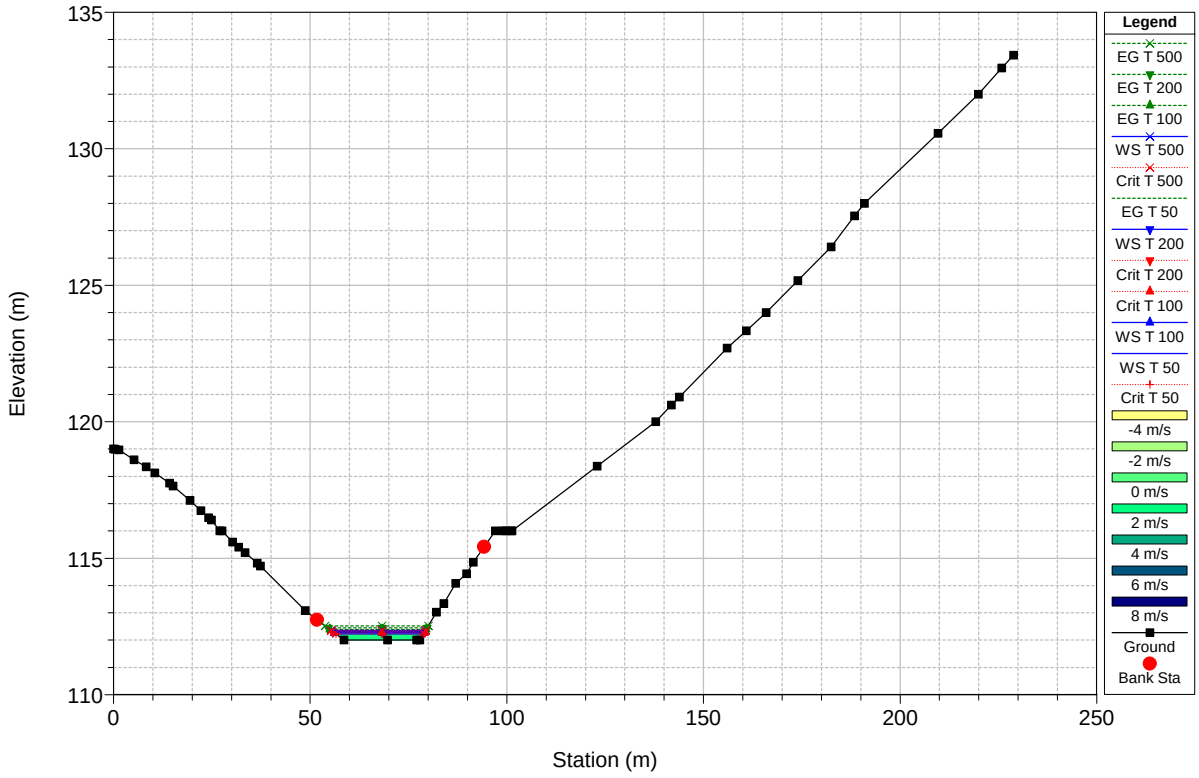
River = BACINO RUDALZA Reach = TRONCO SE RS = 1850



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

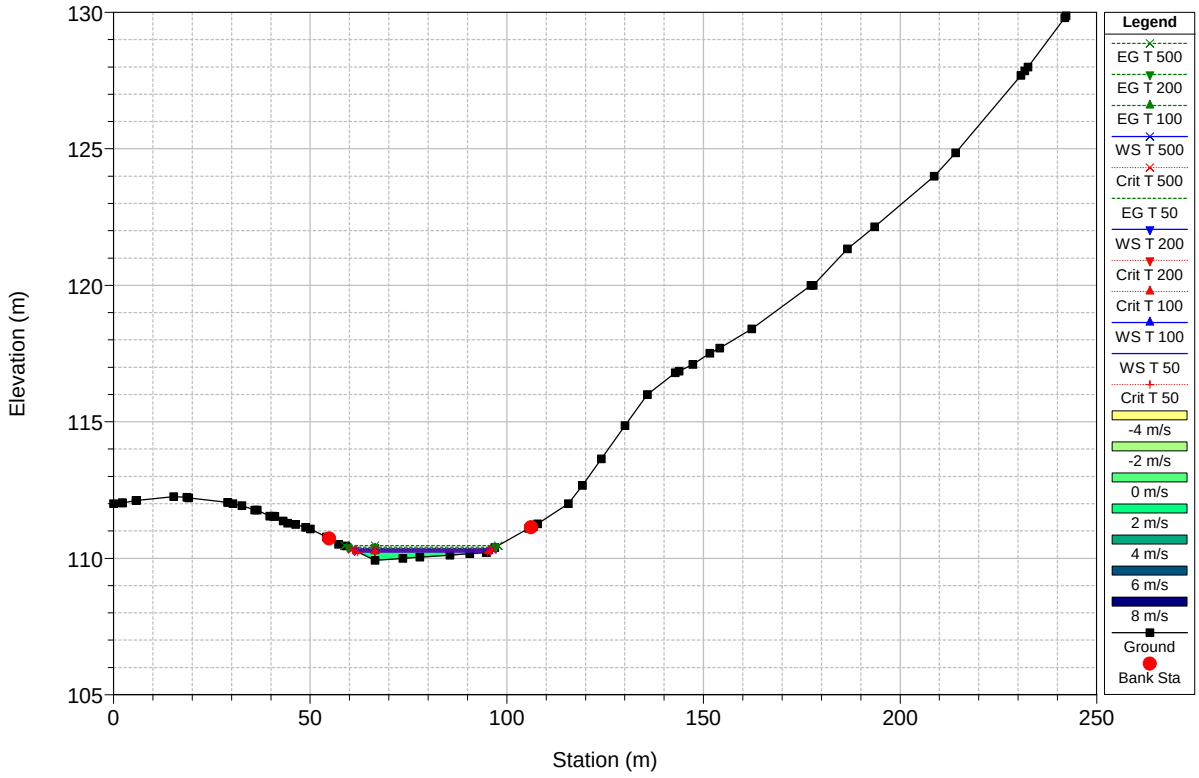
River = BACINO RUDALZA Reach = TRONCO SE RS = 1810



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

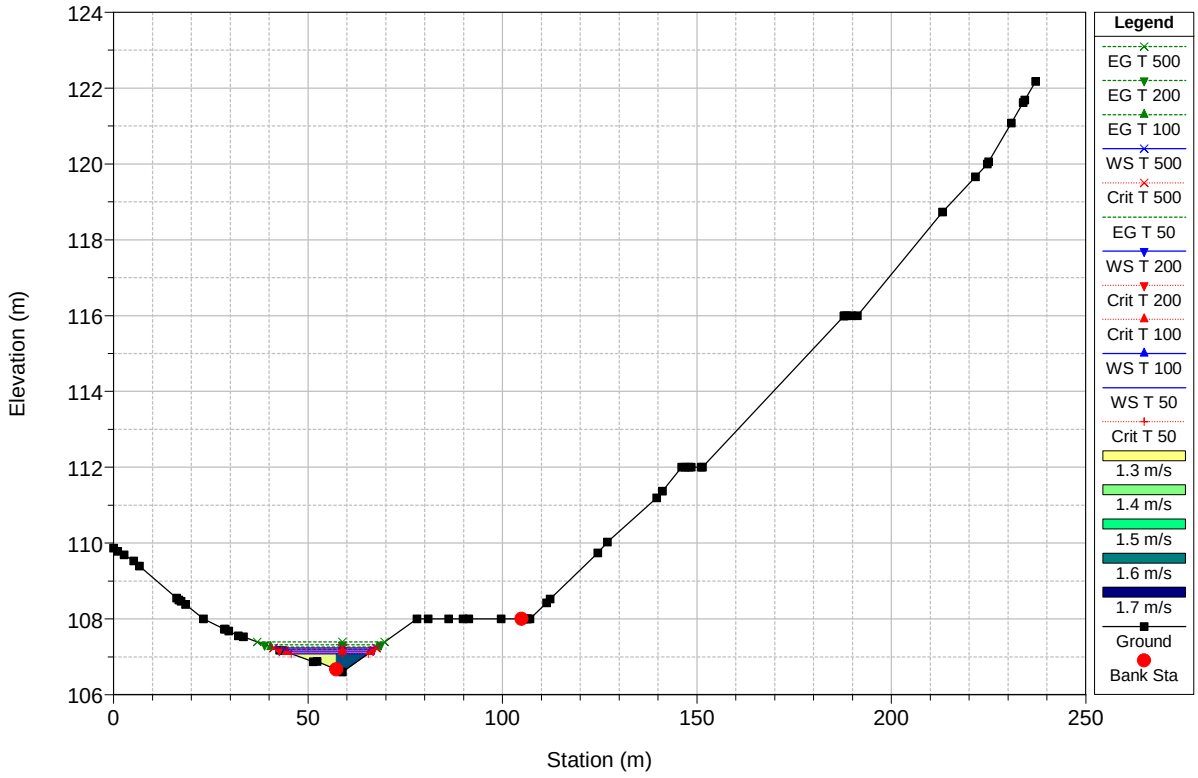
River = BACINO RUDALZA Reach = TRONCO SE RS = 1749



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

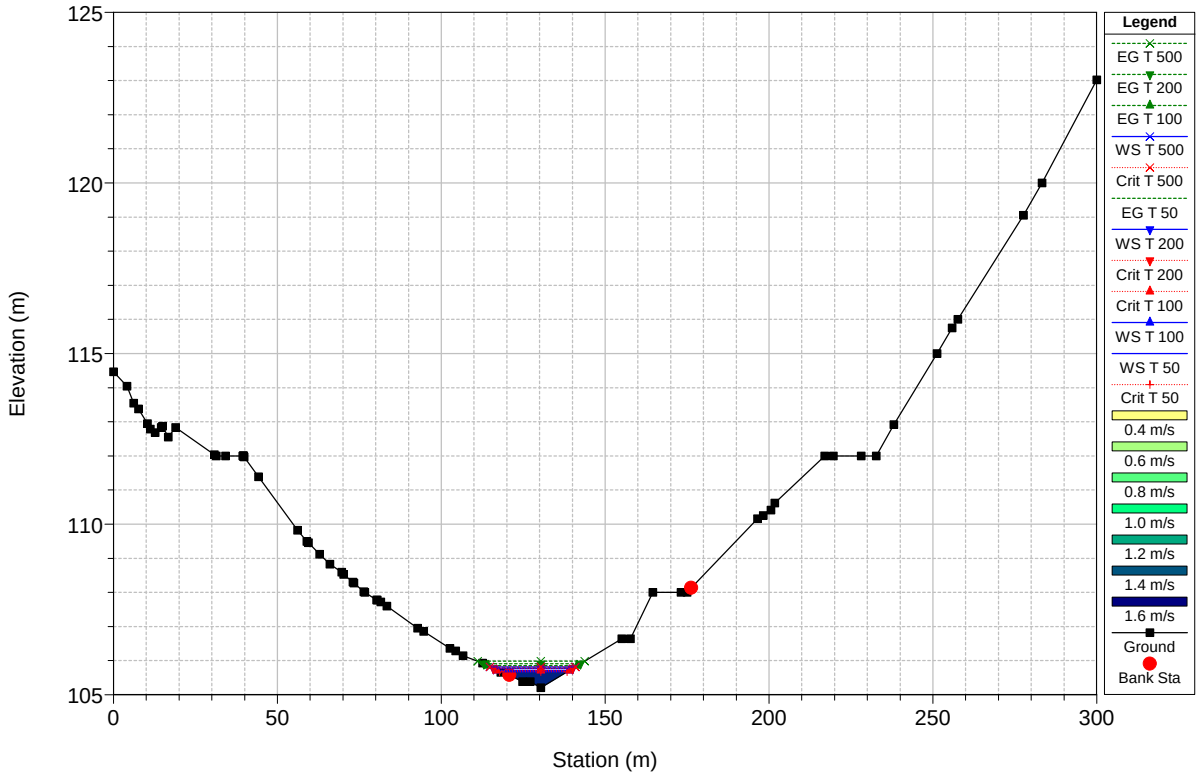
River = BACINO RUDALZA Reach = TRONCO SE RS = 1674



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

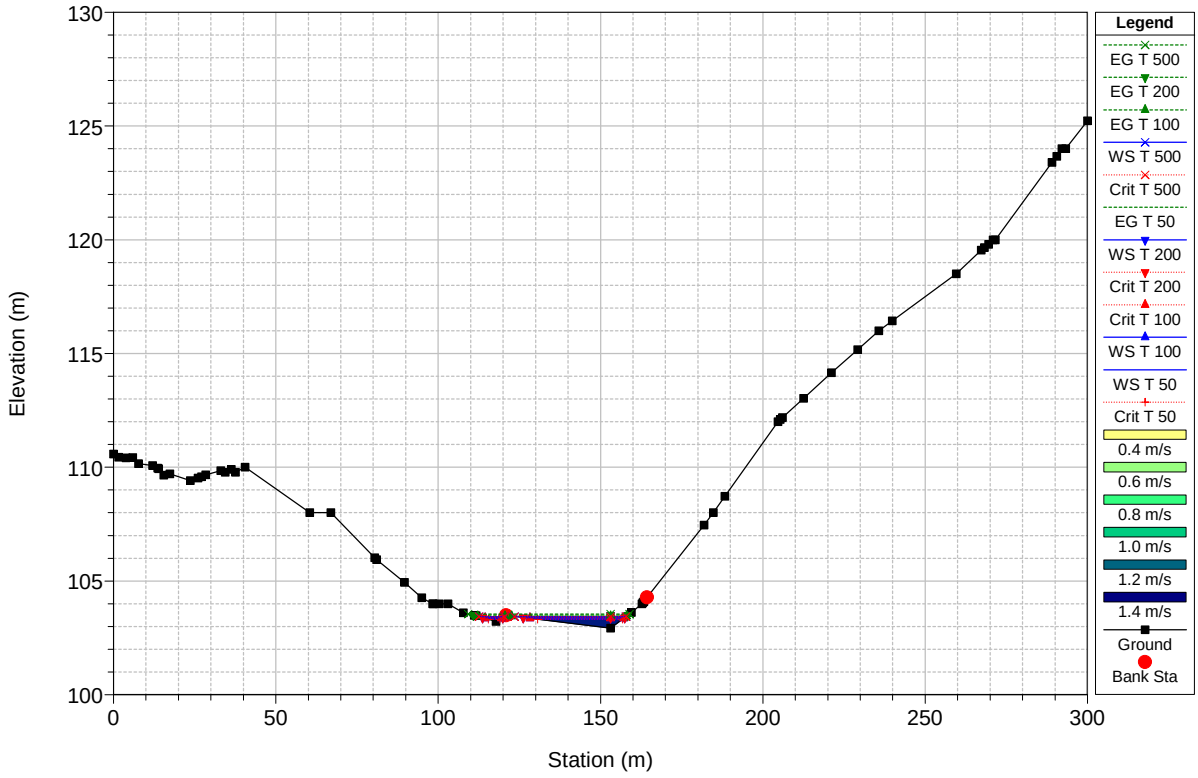
River = BACINO RUDALZA Reach = TRONCO SE RS = 1650



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

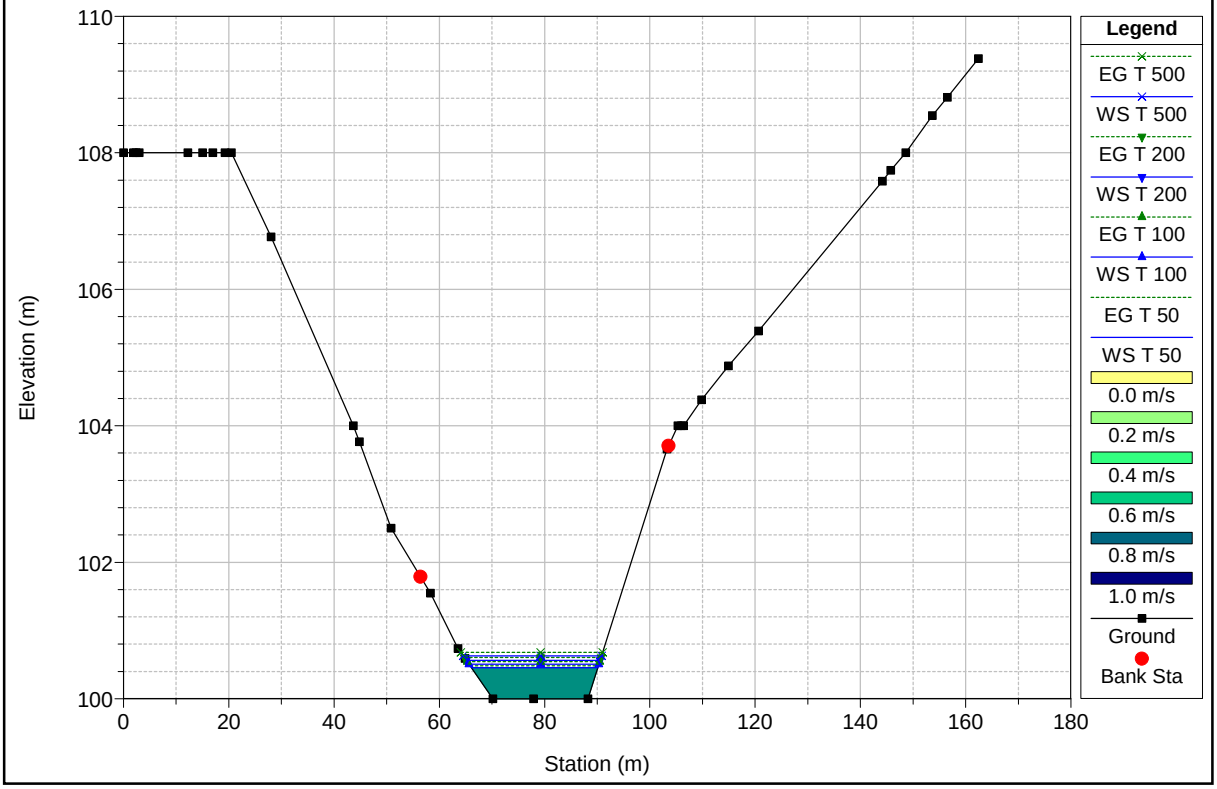
River = BACINO RUDALZA Reach = TRONCO SE RS = 1600



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

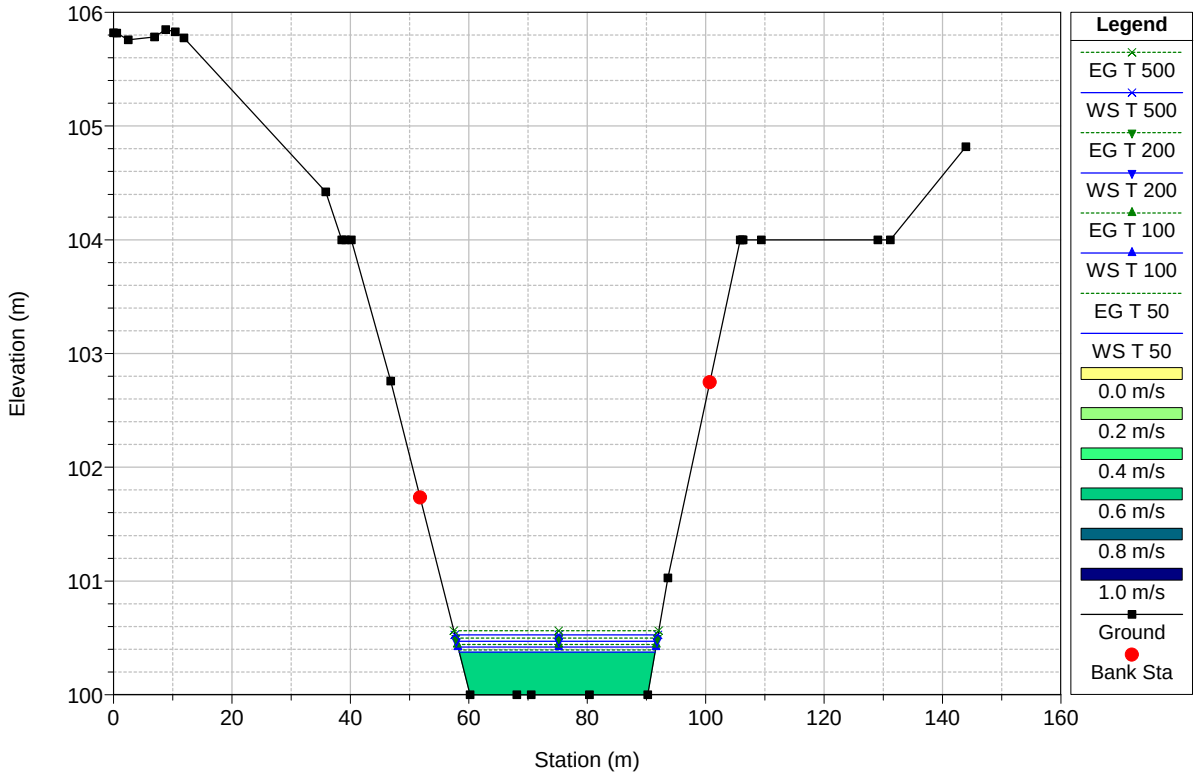
River = BACINO RUDALZA Reach = TRONCO SE RS = 1534



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

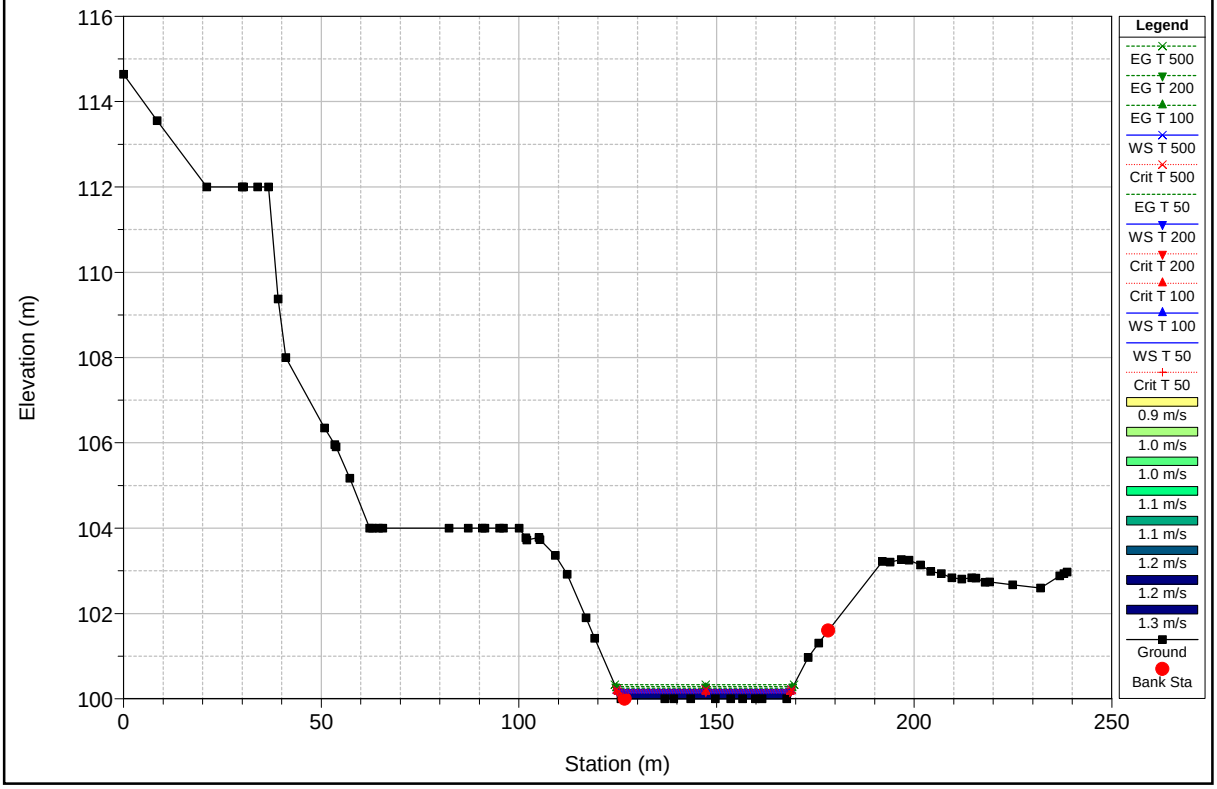
River = BACINO RUDALZA Reach = TRONCO SE RS = 1500



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

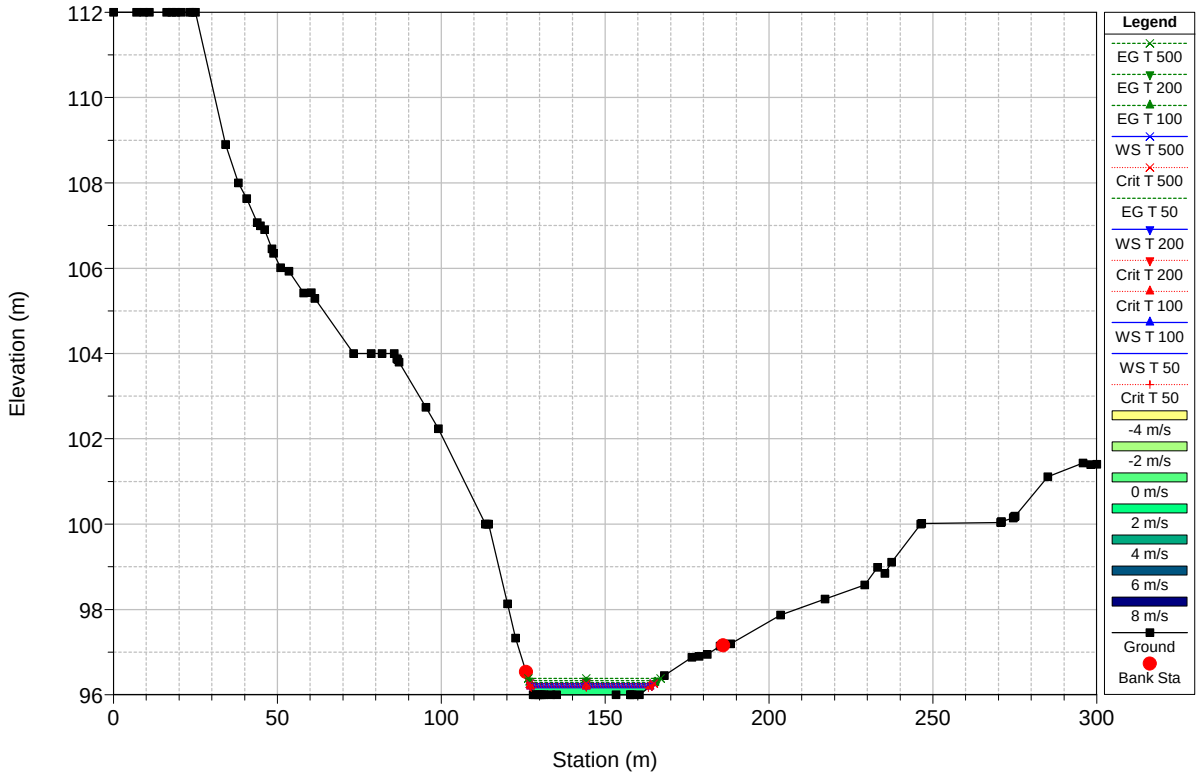
River = BACINO RUDALZA Reach = TRONCO SE RS = 1468



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

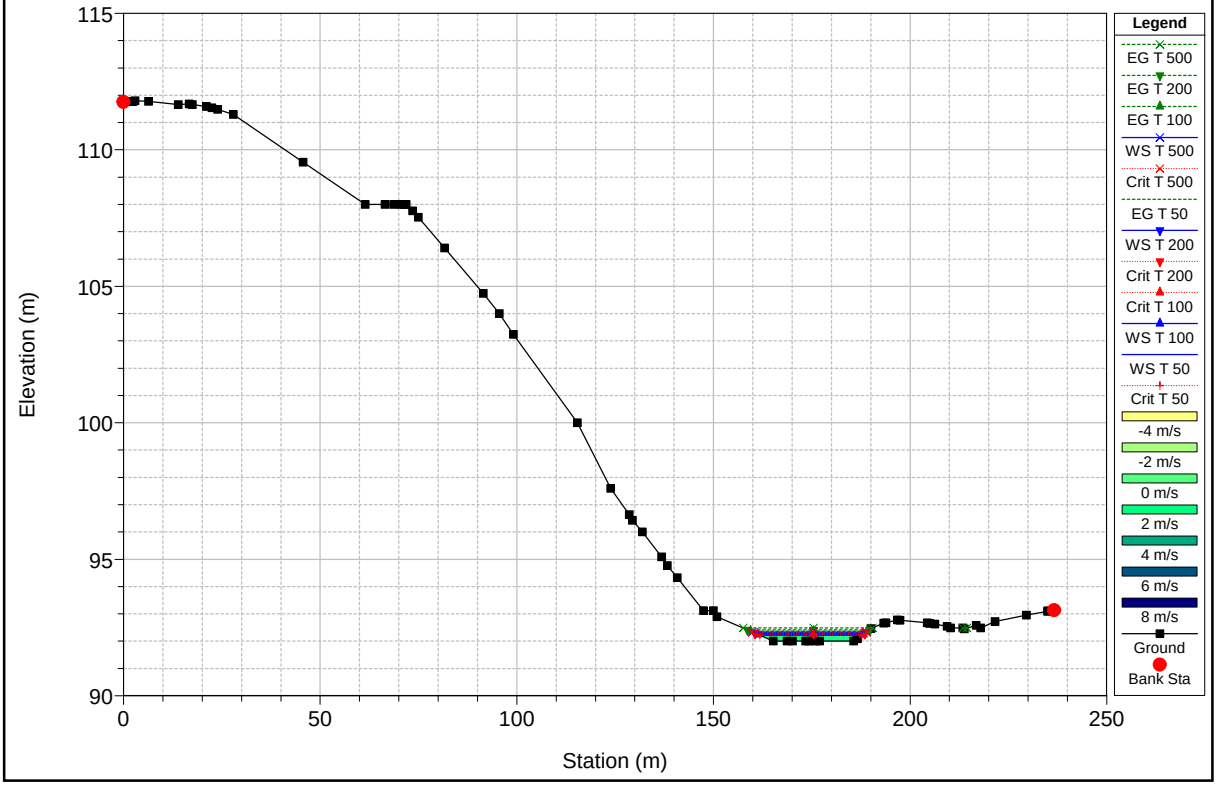
River = BACINO RUDALZA Reach = TRONCO SE RS = 1400



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

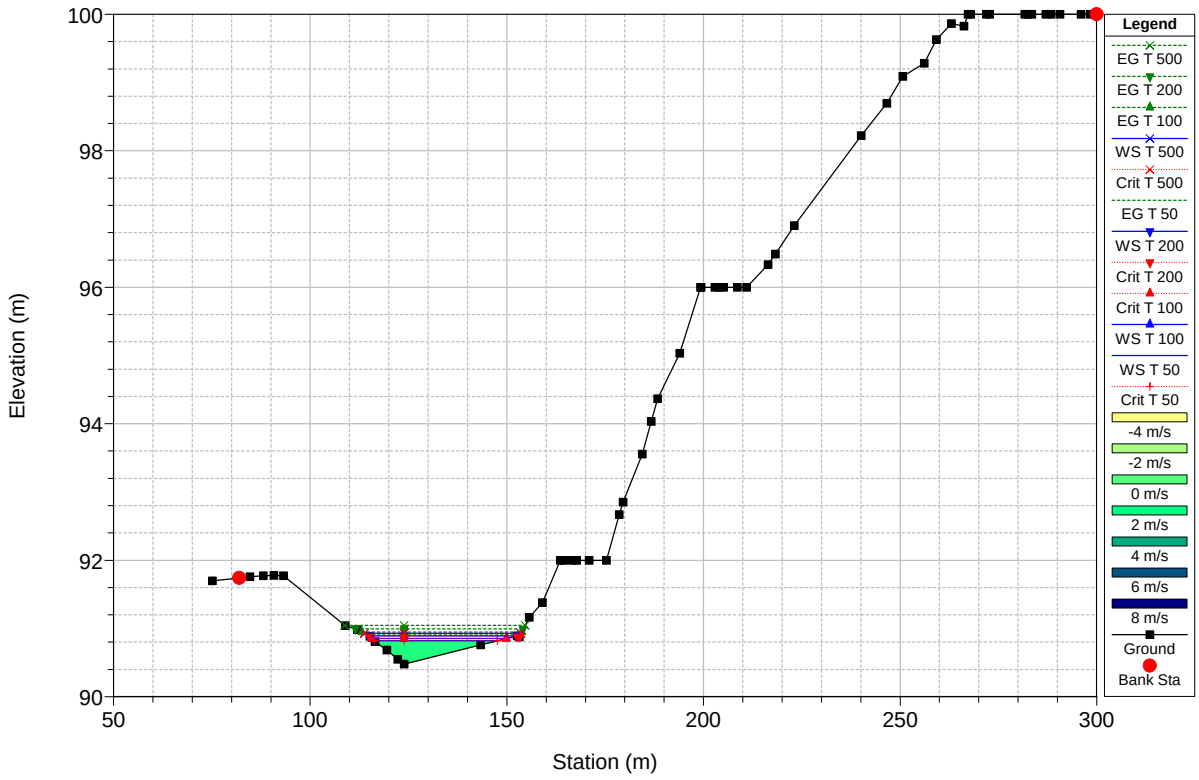
River = BACINO RUDALZA Reach = TRONCO SE RS = 1350



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

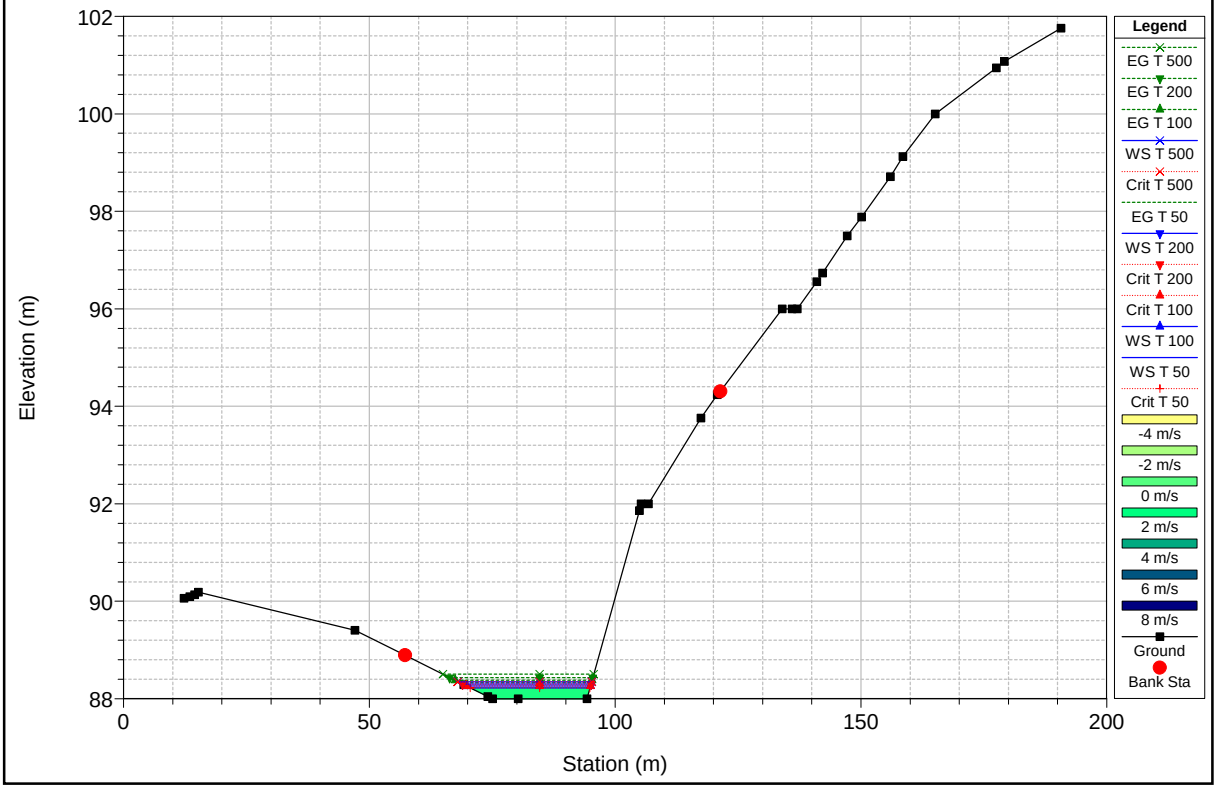
River = BACINO RUDALZA Reach = TRONCO SE RS = 1300



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

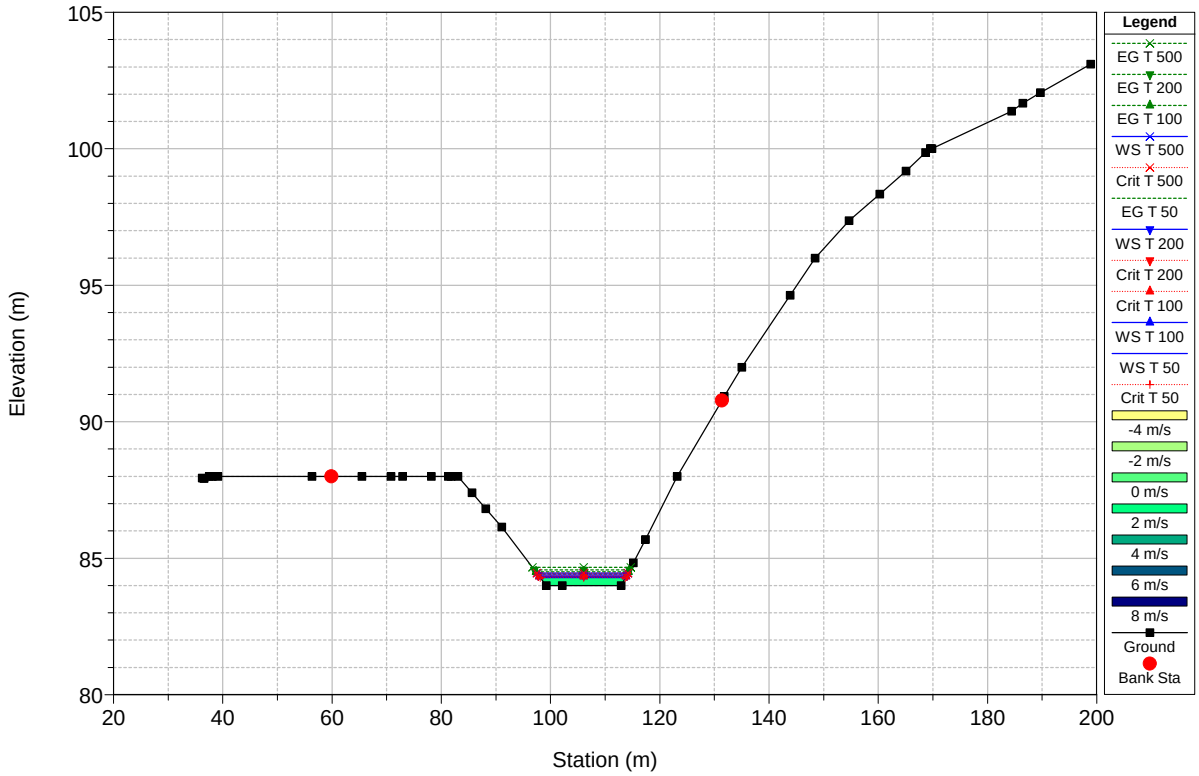
River = BACINO RUDALZA Reach = TRONCO SE RS = 1247



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

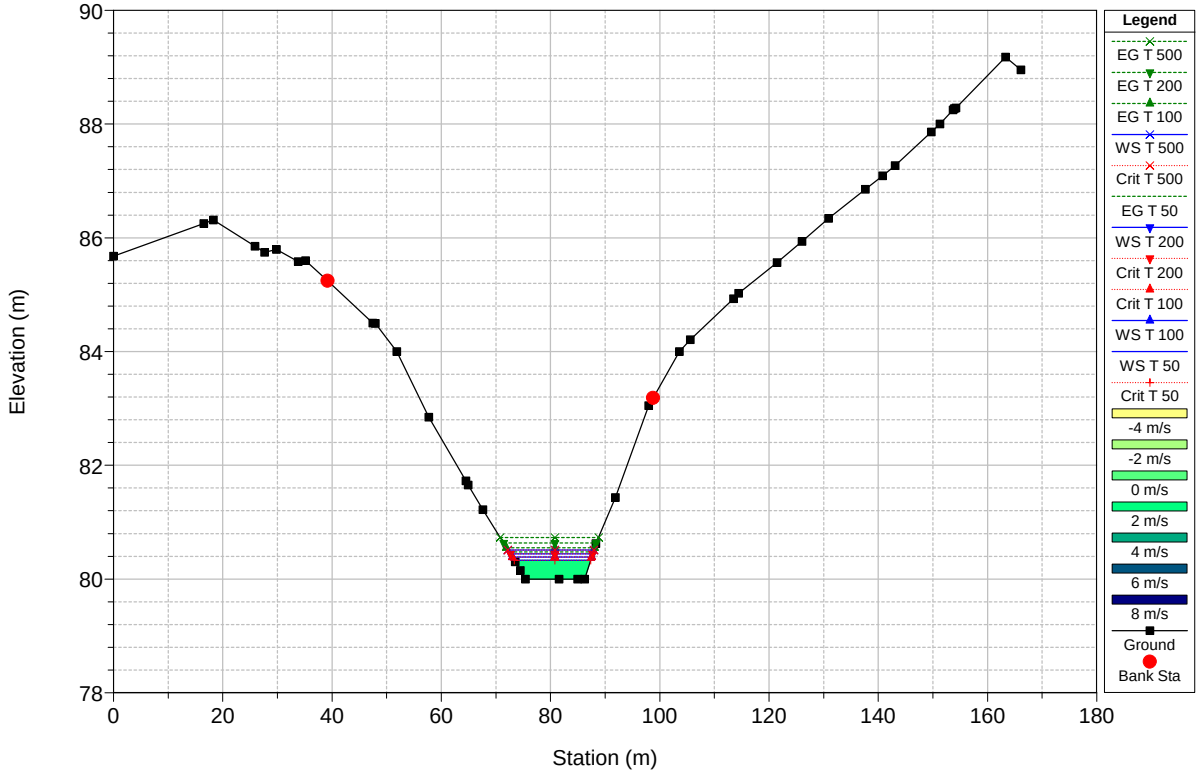
River = BACINO RUDALZA Reach = TRONCO SE RS = 1204



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

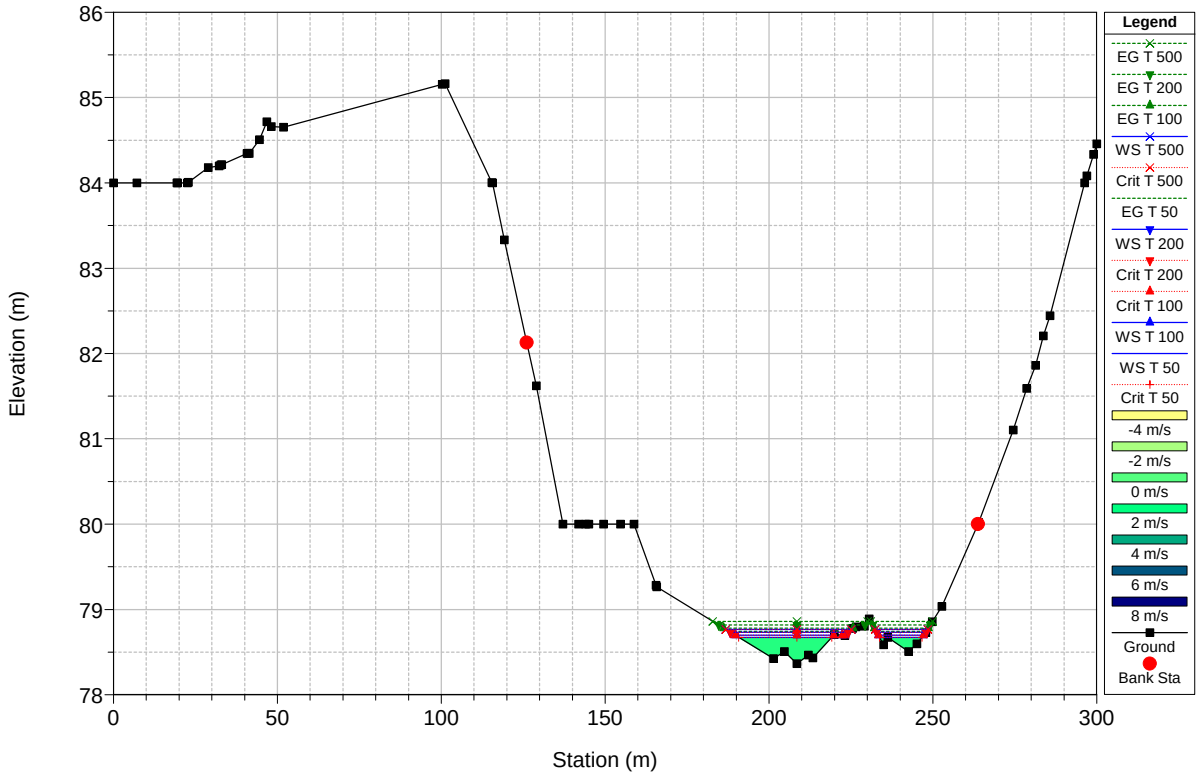
River = BACINO RUDALZA Reach = TRONCO SE RS = 1137



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

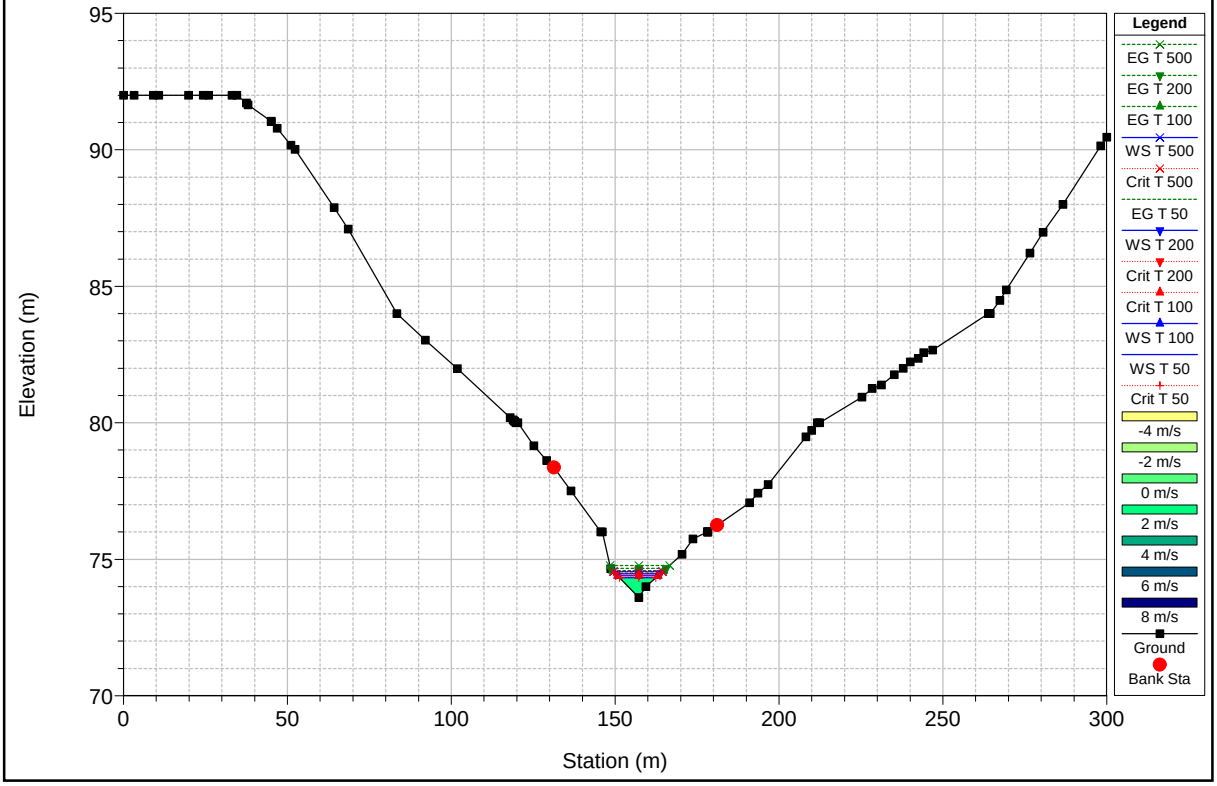
River = BACINO RUDALZA Reach = TRONCO SE RS = 1100



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

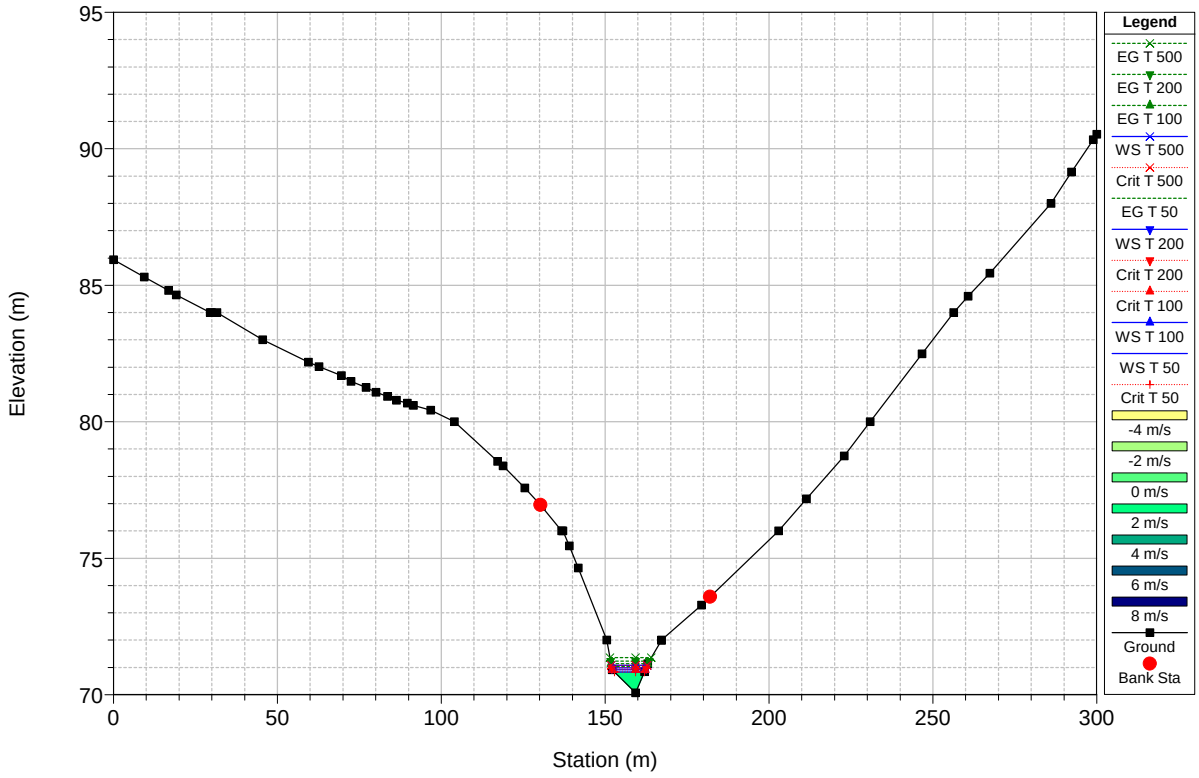
River = BACINO RUDALZA Reach = TRONCO SE RS = 1050



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

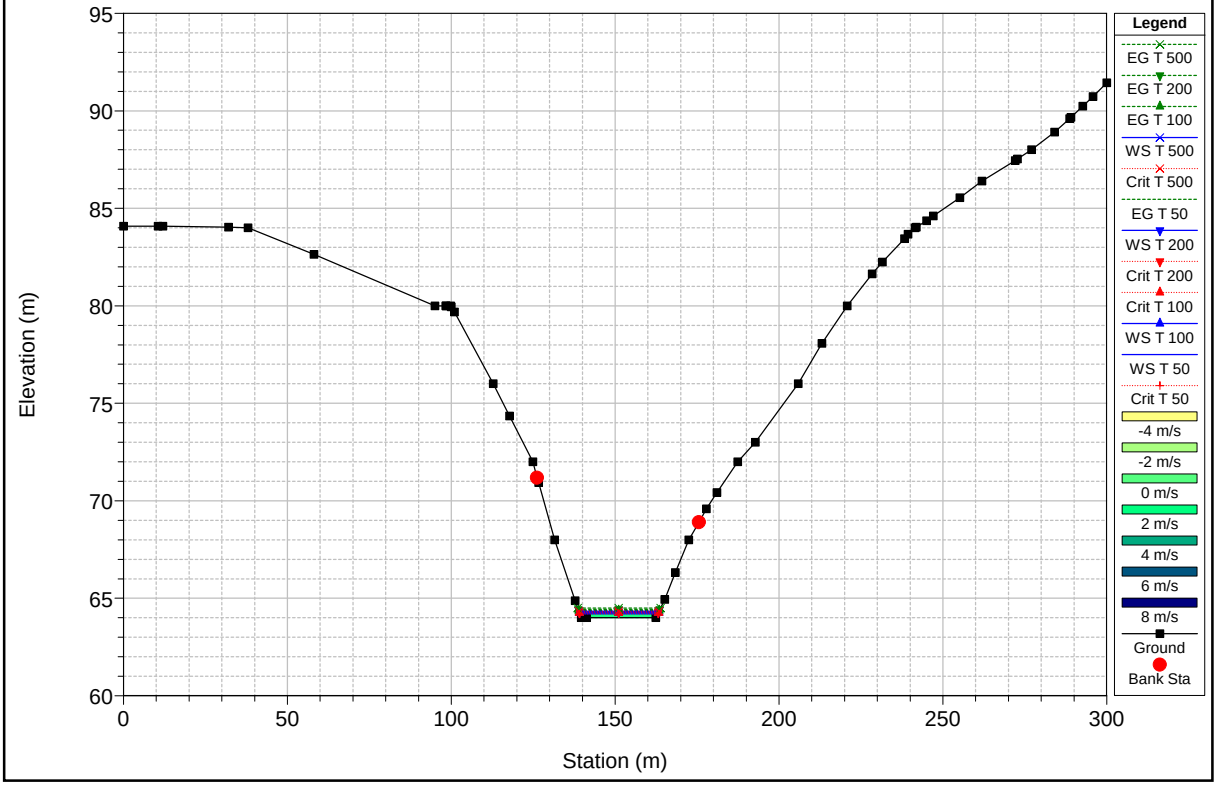
River = BACINO RUDALZA Reach = TRONCO SE RS = 1000



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

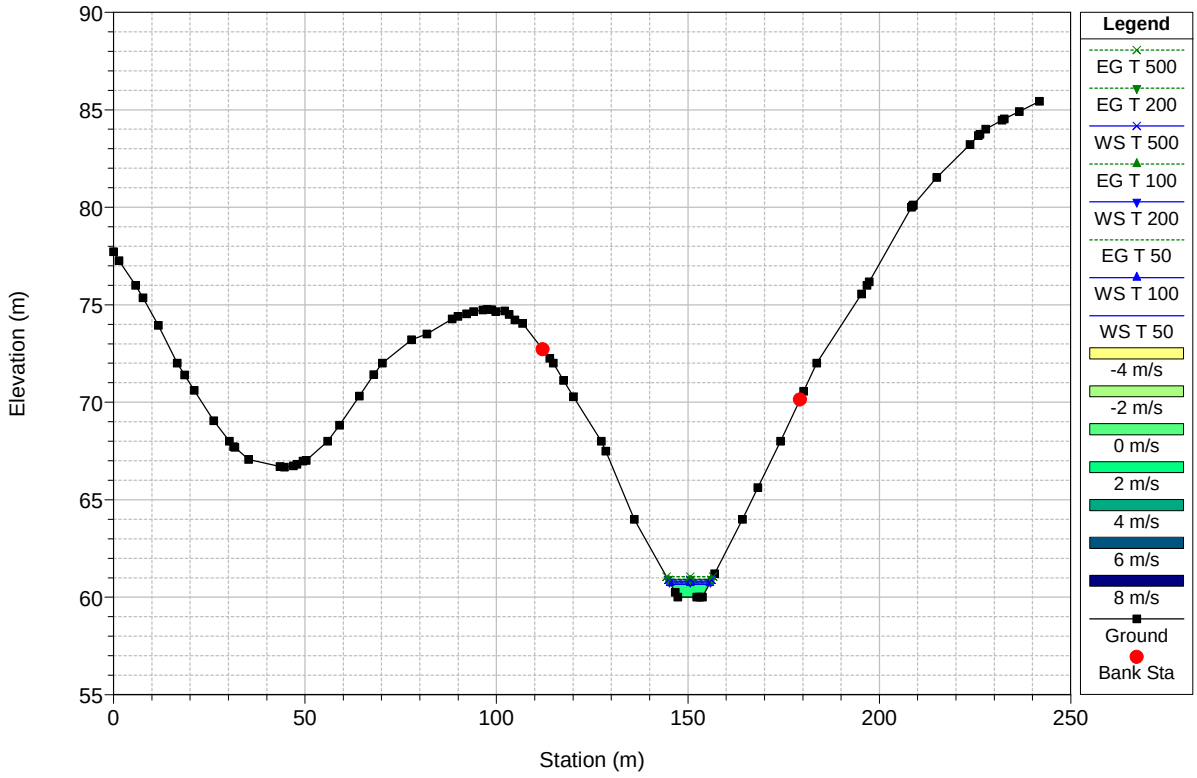
River = BACINO RUDALZA Reach = TRONCO SE RS = 950



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

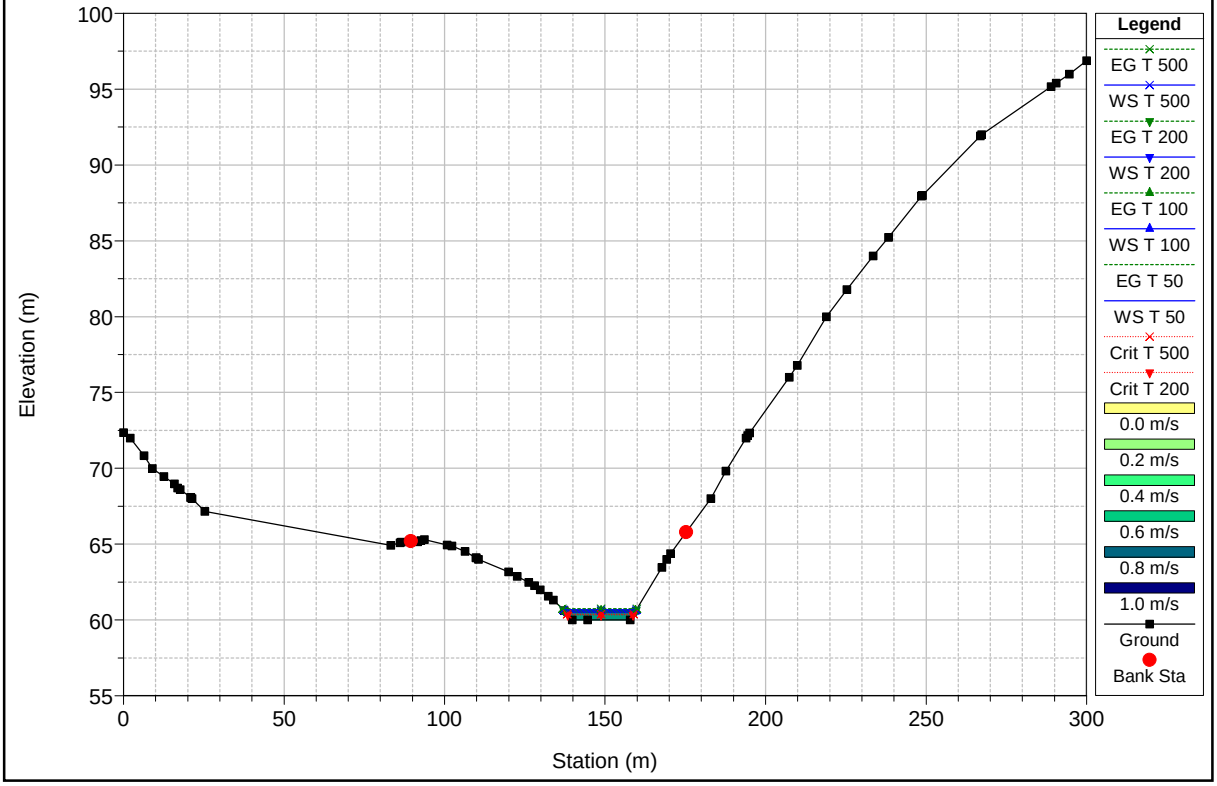
River = BACINO RUDALZA Reach = TRONCO SE RS = 895



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

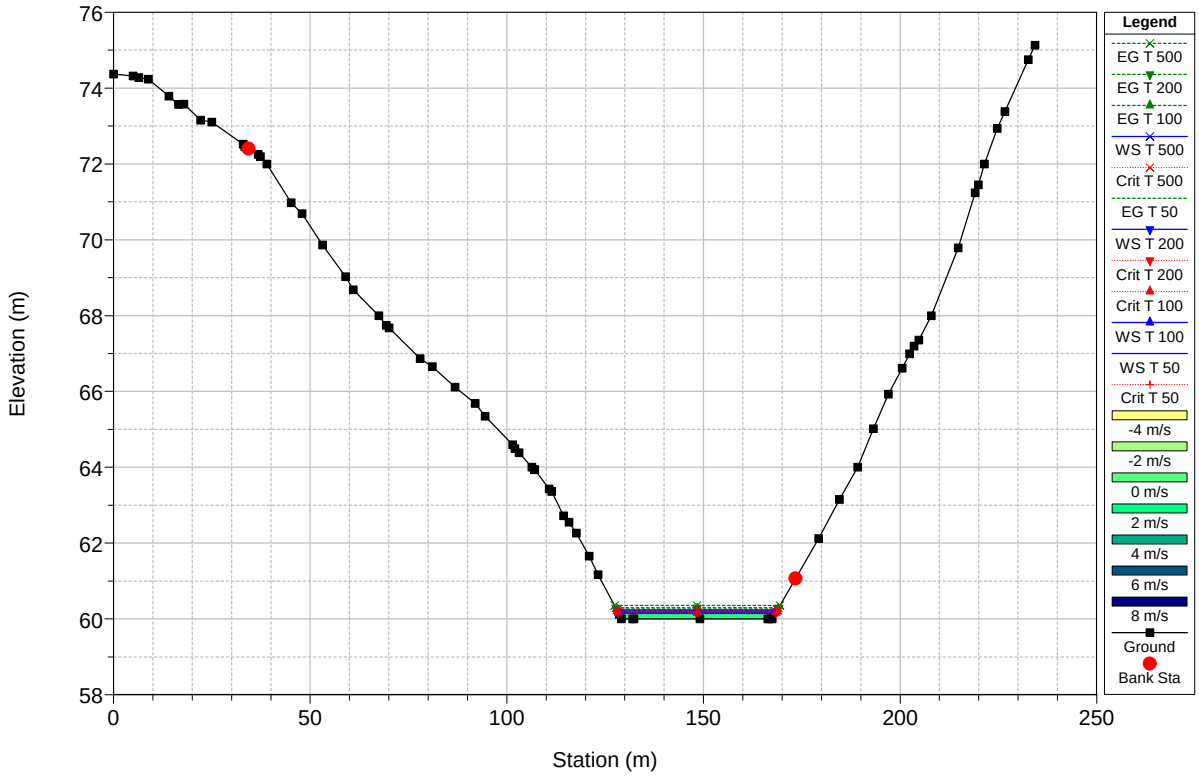
River = BACINO RUDALZA Reach = TRONCO SE RS = 850



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

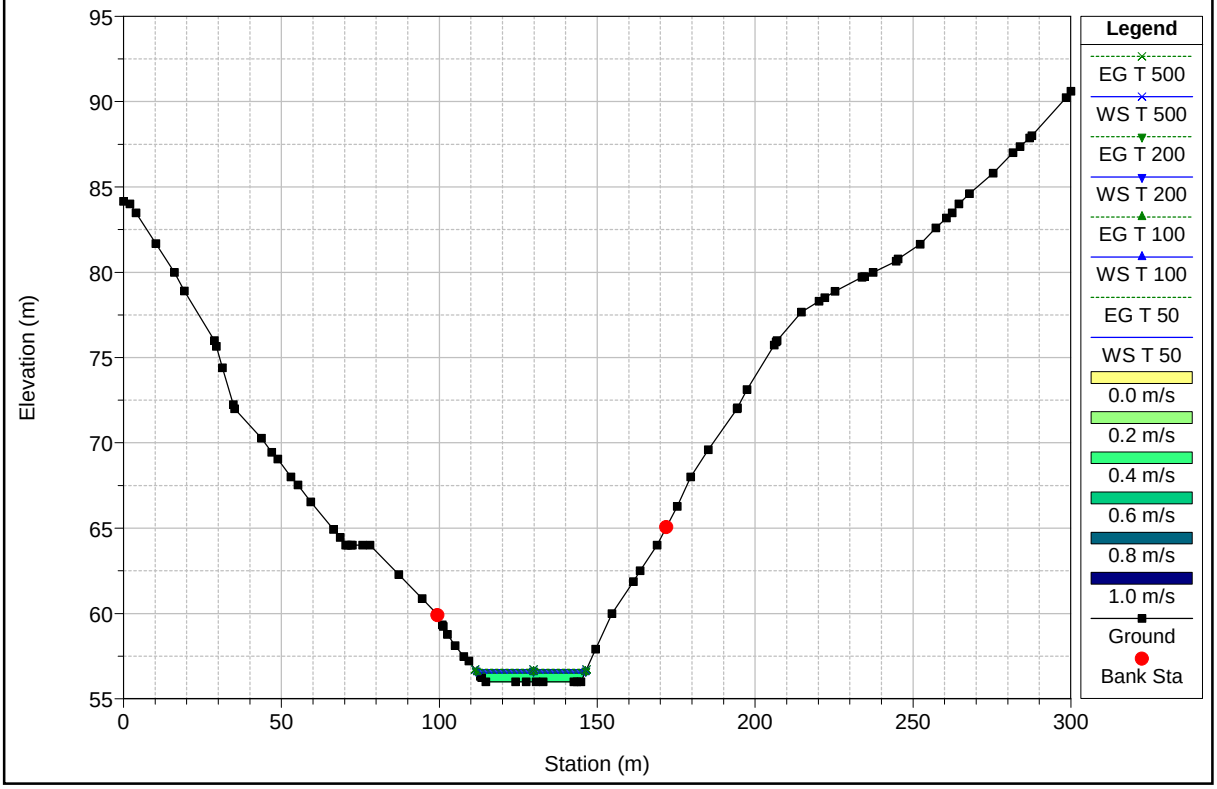
River = BACINO RUDALZA Reach = TRONCO SE RS = 808



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

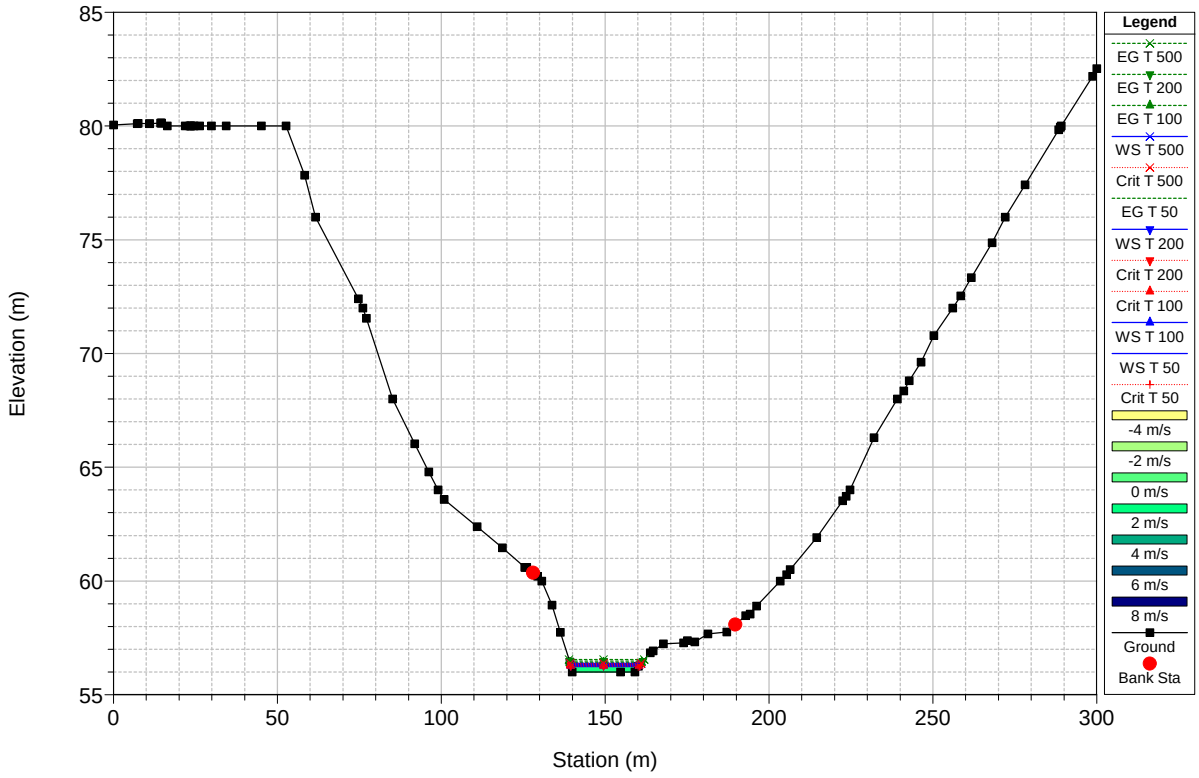
River = BACINO RUDALZA Reach = TRONCO SE RS = 750



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

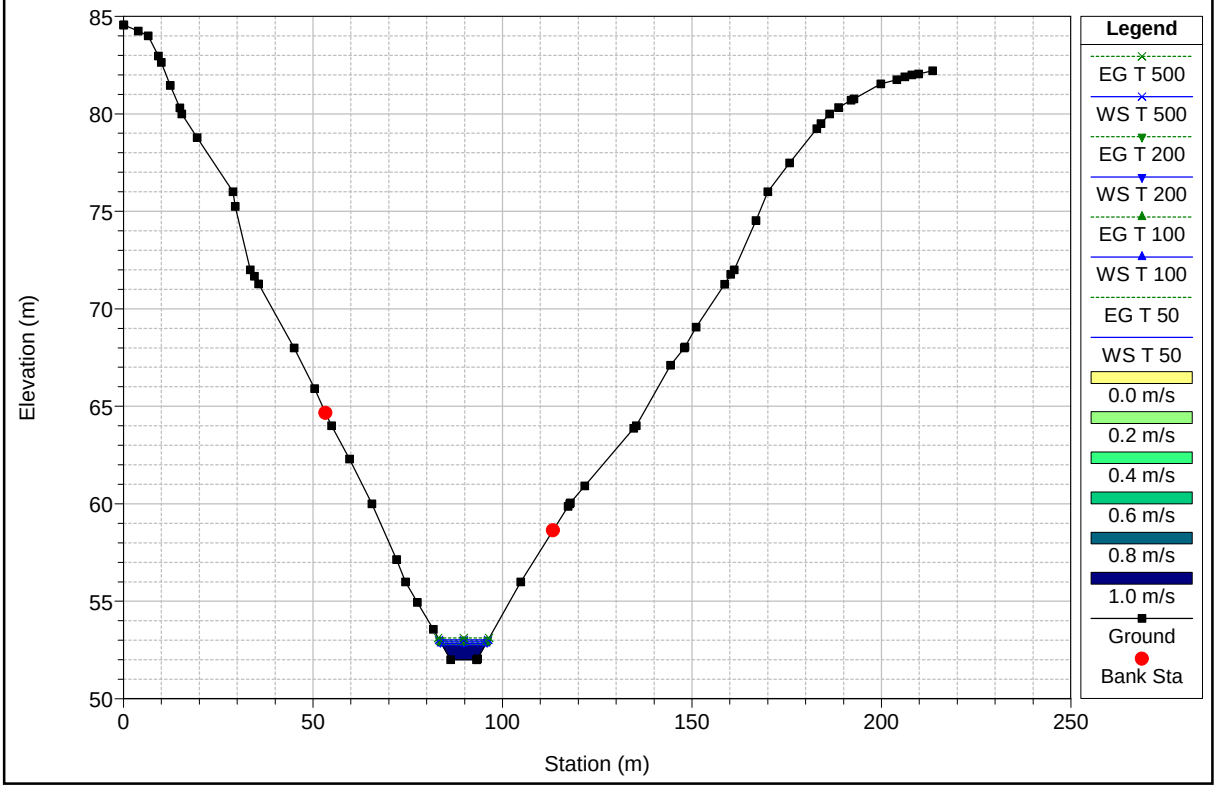
River = BACINO RUDALZA Reach = TRONCO SE RS = 700



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

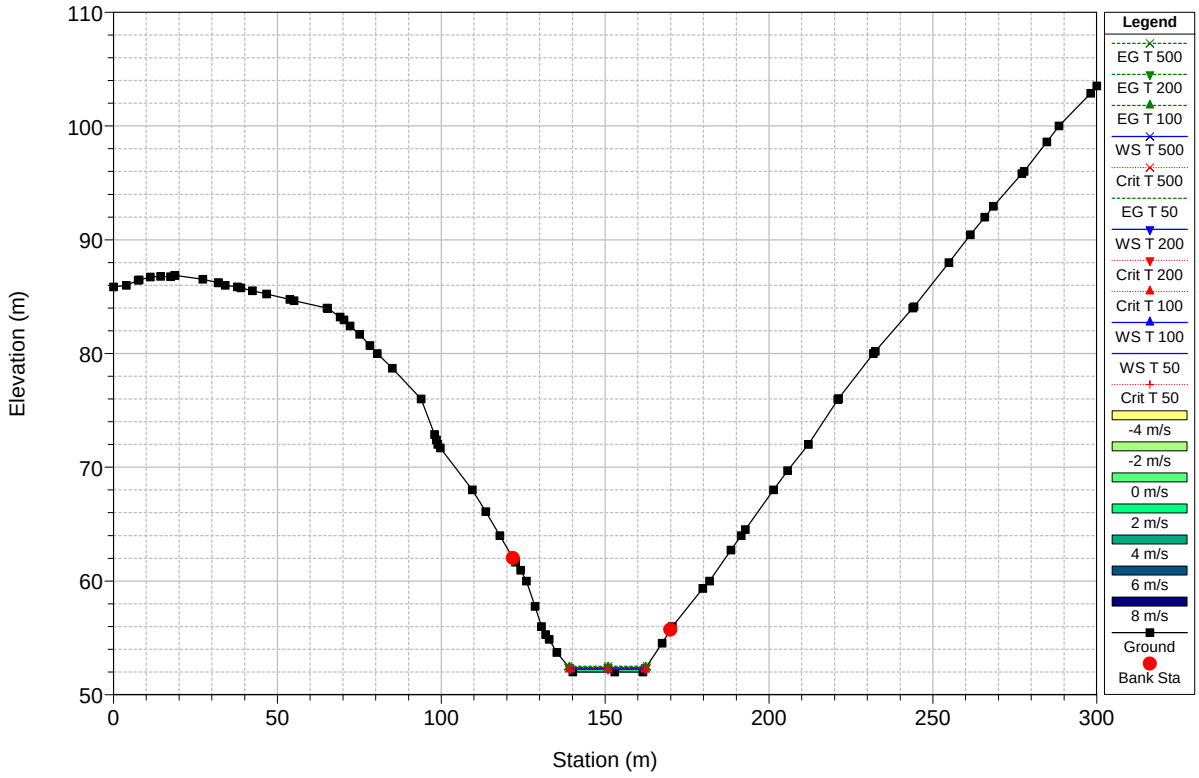
River = BACINO RUDALZA Reach = TRONCO SE RS = 654



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

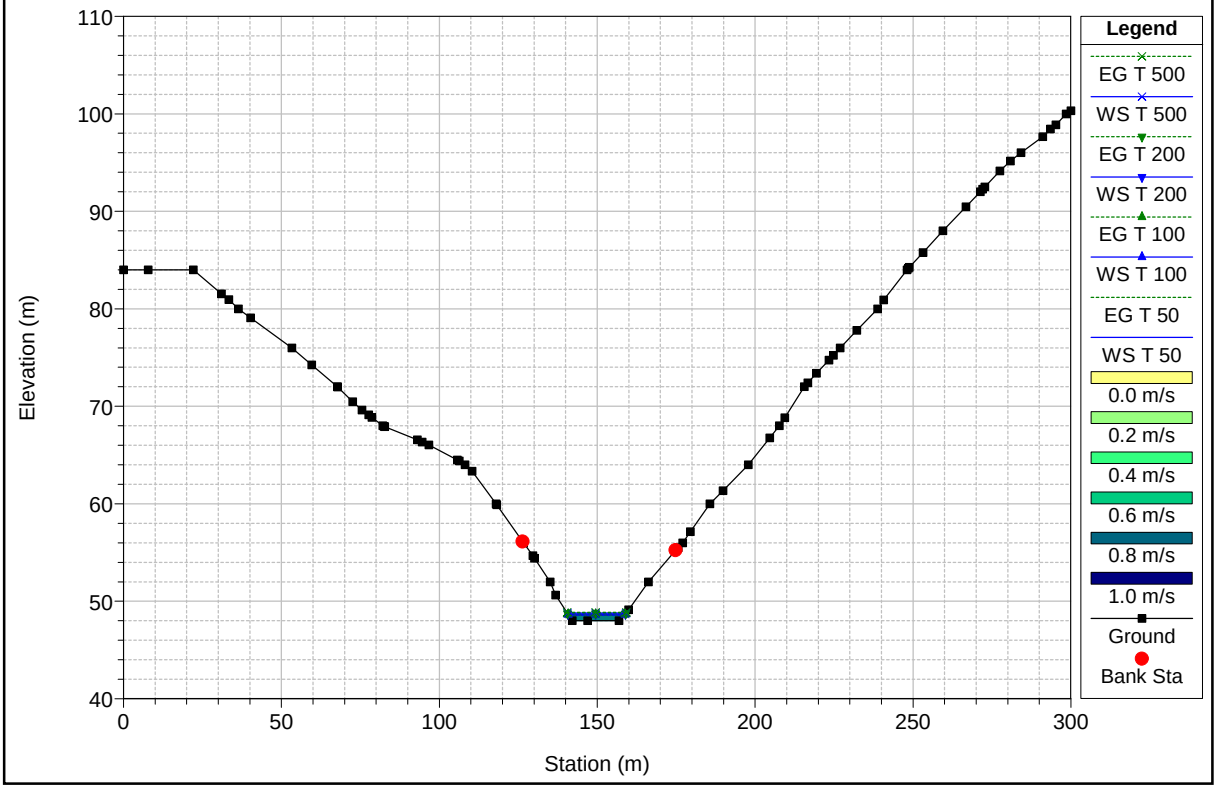
River = BACINO RUDALZA Reach = TRONCO SE RS = 600



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

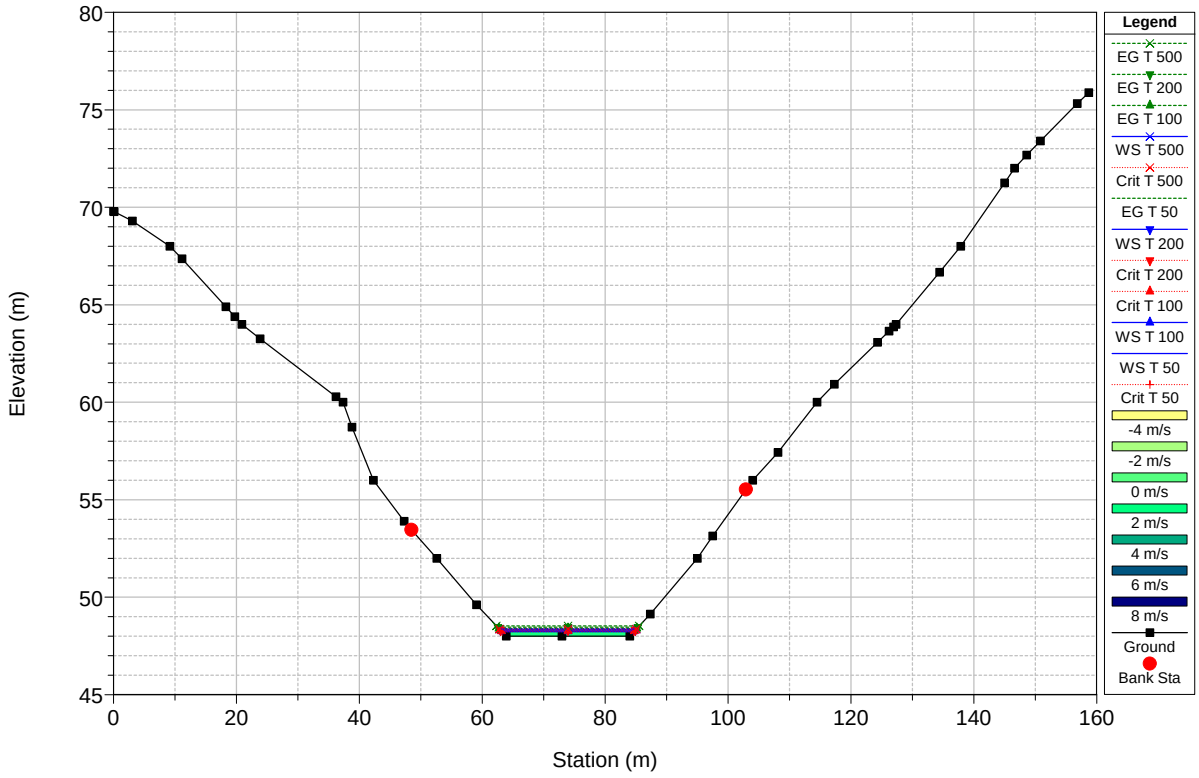
River = BACINO RUDALZA Reach = TRONCO SE RS = 550



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

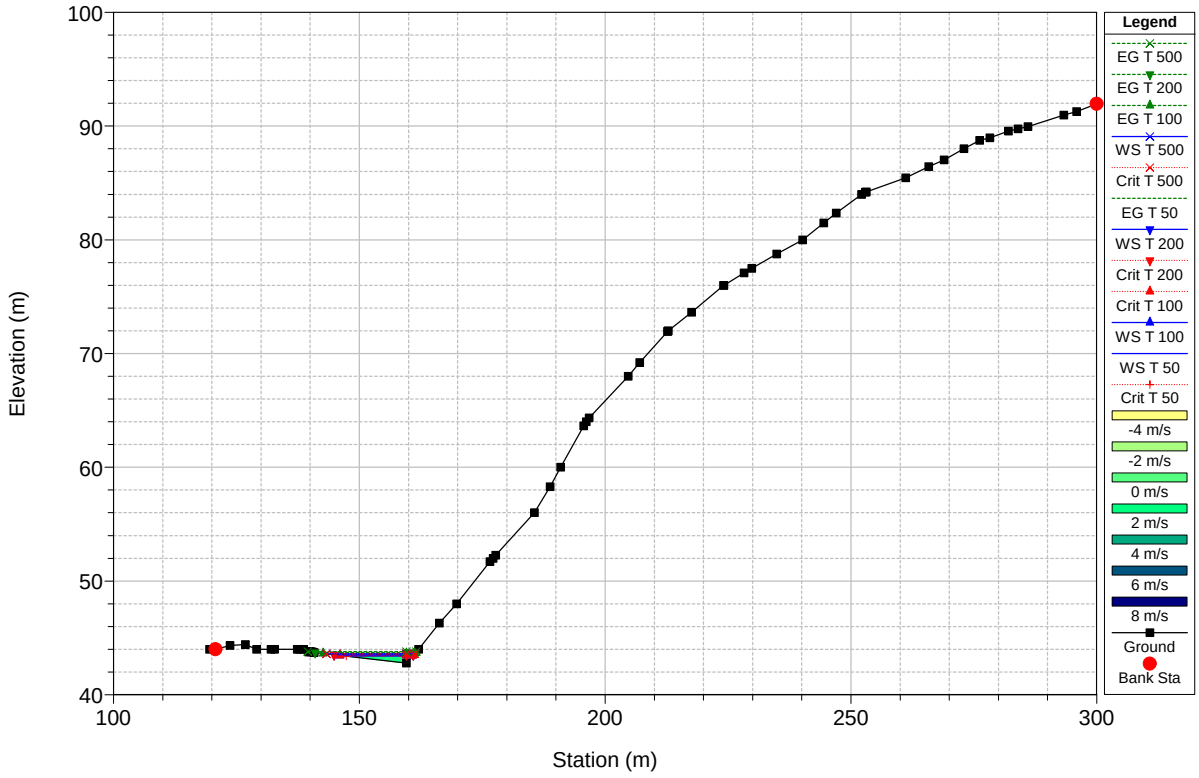
River = BACINO RUDALZA Reach = TRONCO SE RS = 511



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

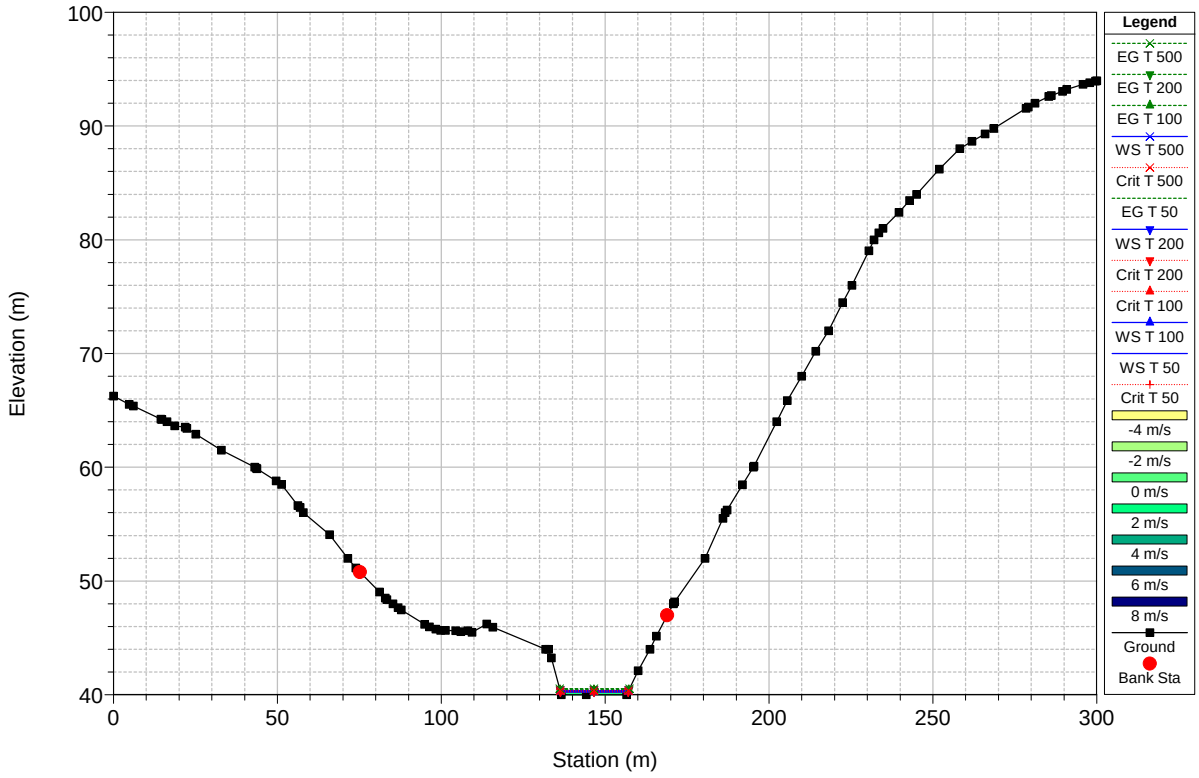
River = BACINO RUDALZA Reach = TRONCO SE RS = 450



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

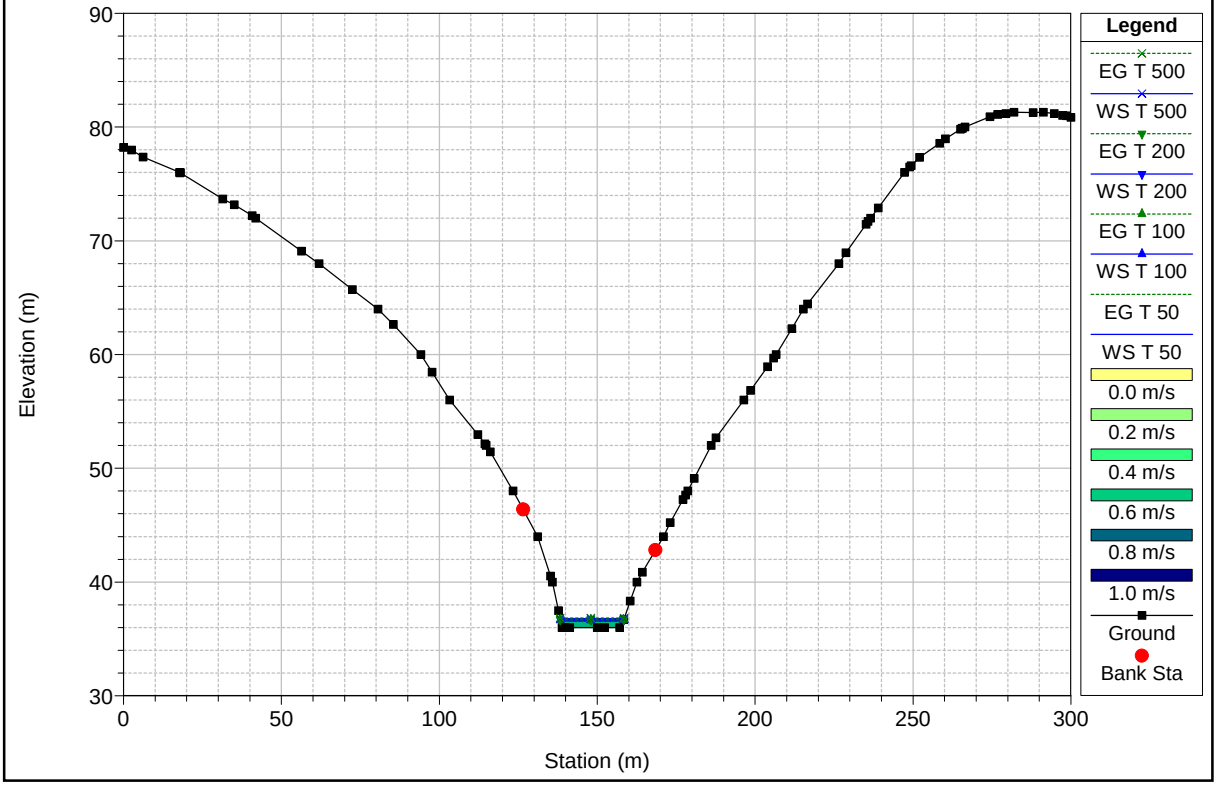
River = BACINO RUDALZA Reach = TRONCO SE RS = 400



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

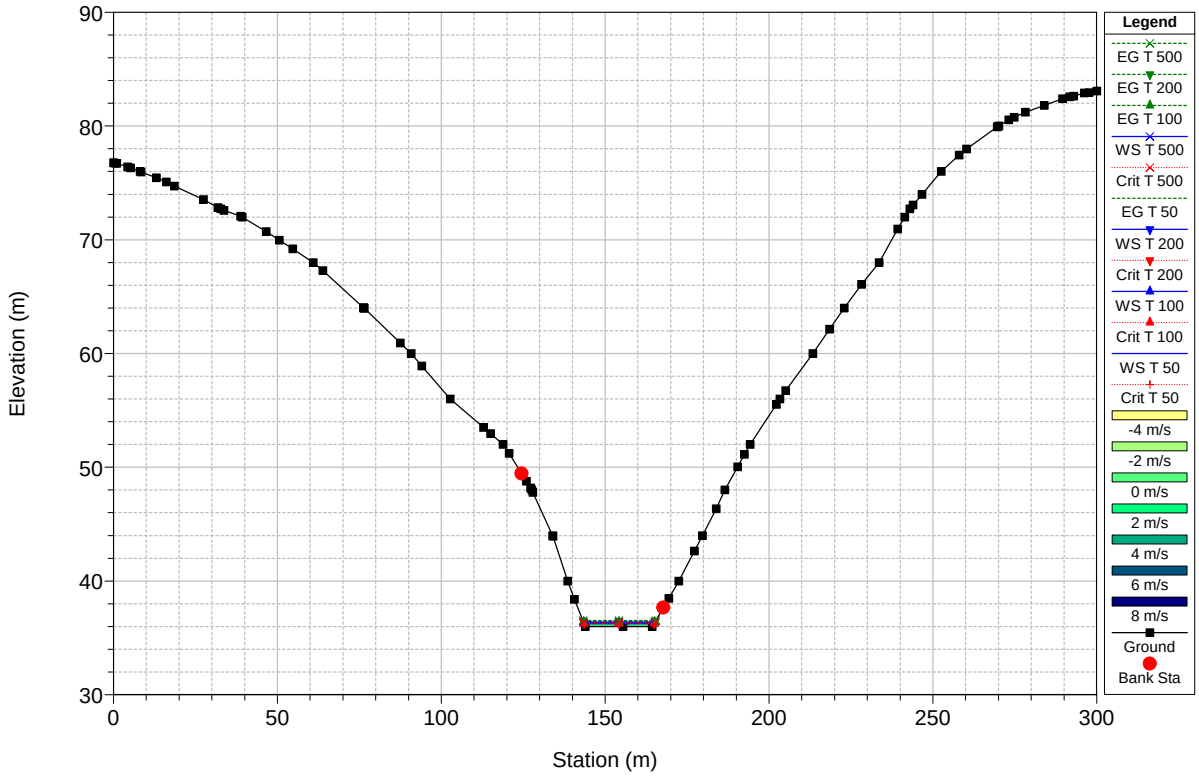
River = BACINO RUDALZA Reach = TRONCO SE RS = 350



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

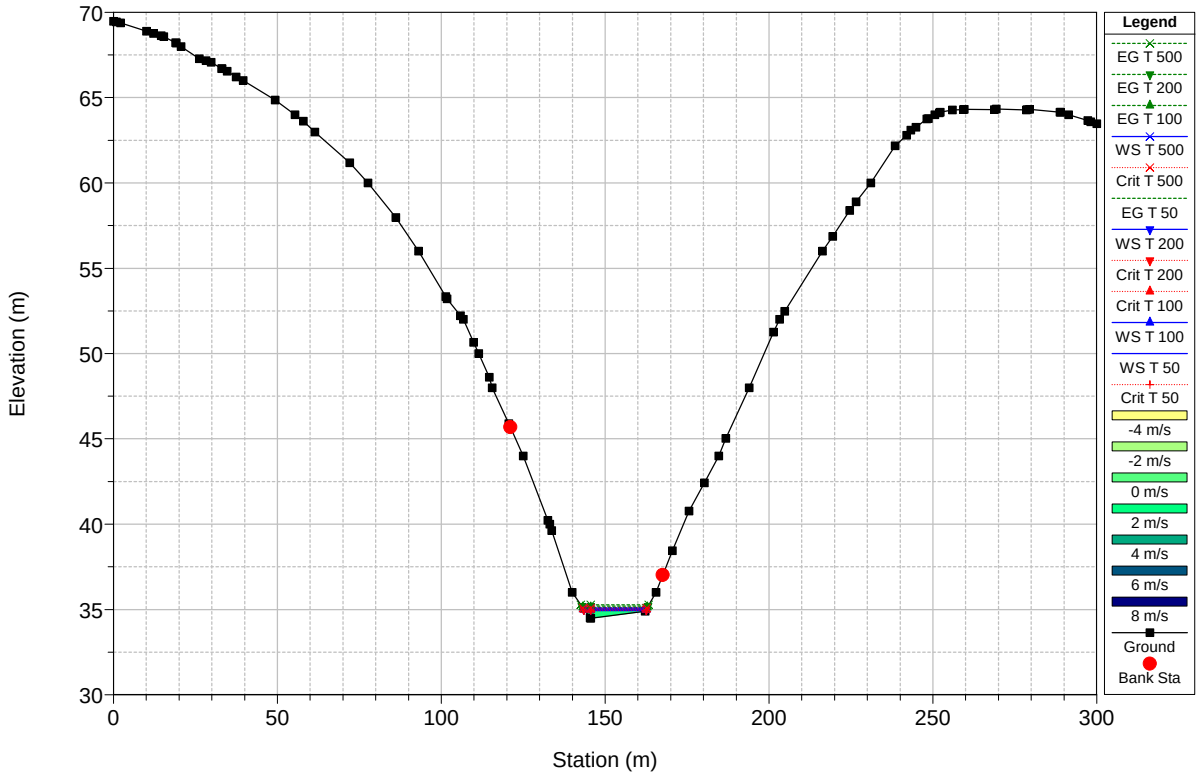
River = BACINO RUDALZA Reach = TRONCO SE RS = 300



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

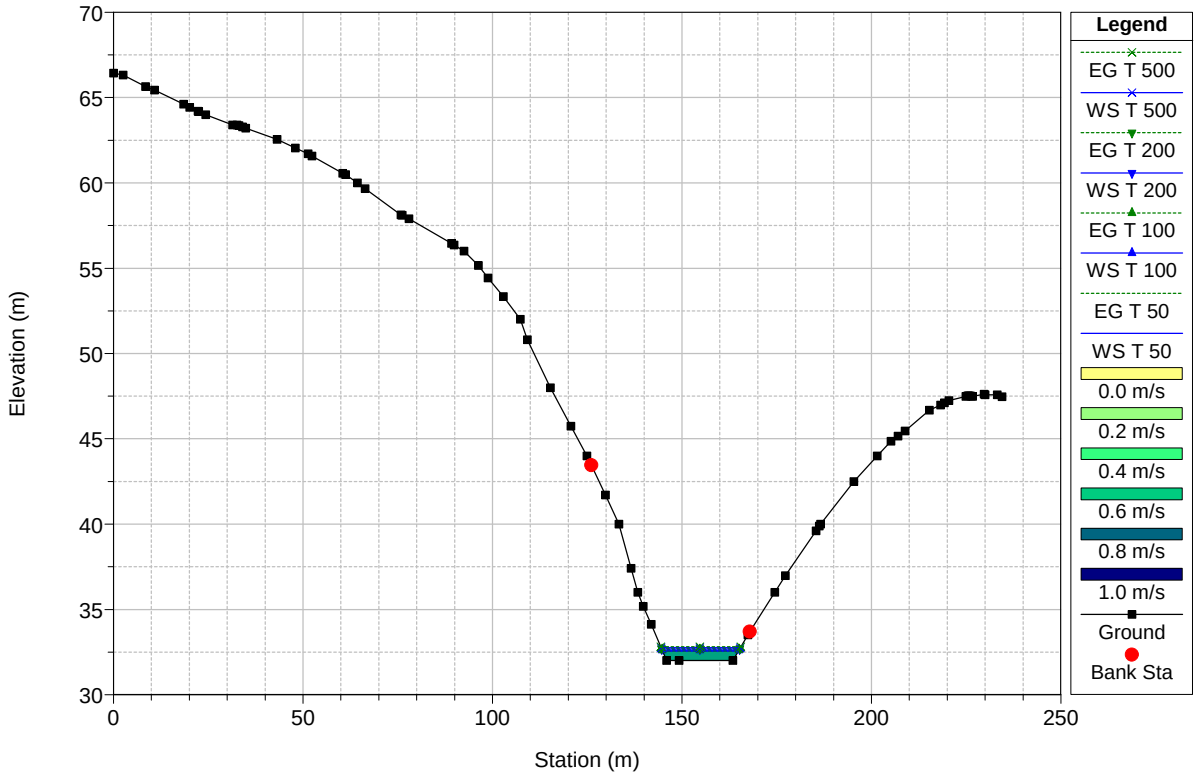
River = BACINO RUDALZA Reach = TRONCO SE RS = 250



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

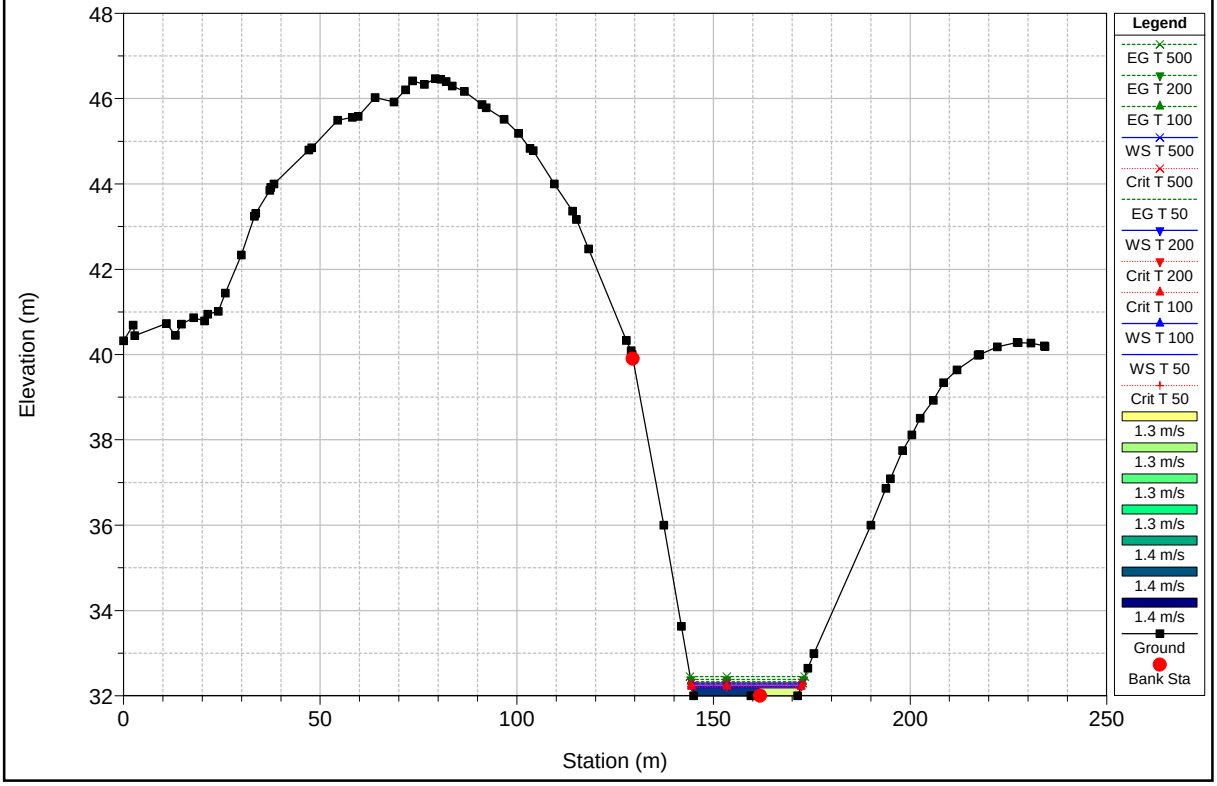
River = BACINO RUDALZA Reach = TRONCO SE RS = 200



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

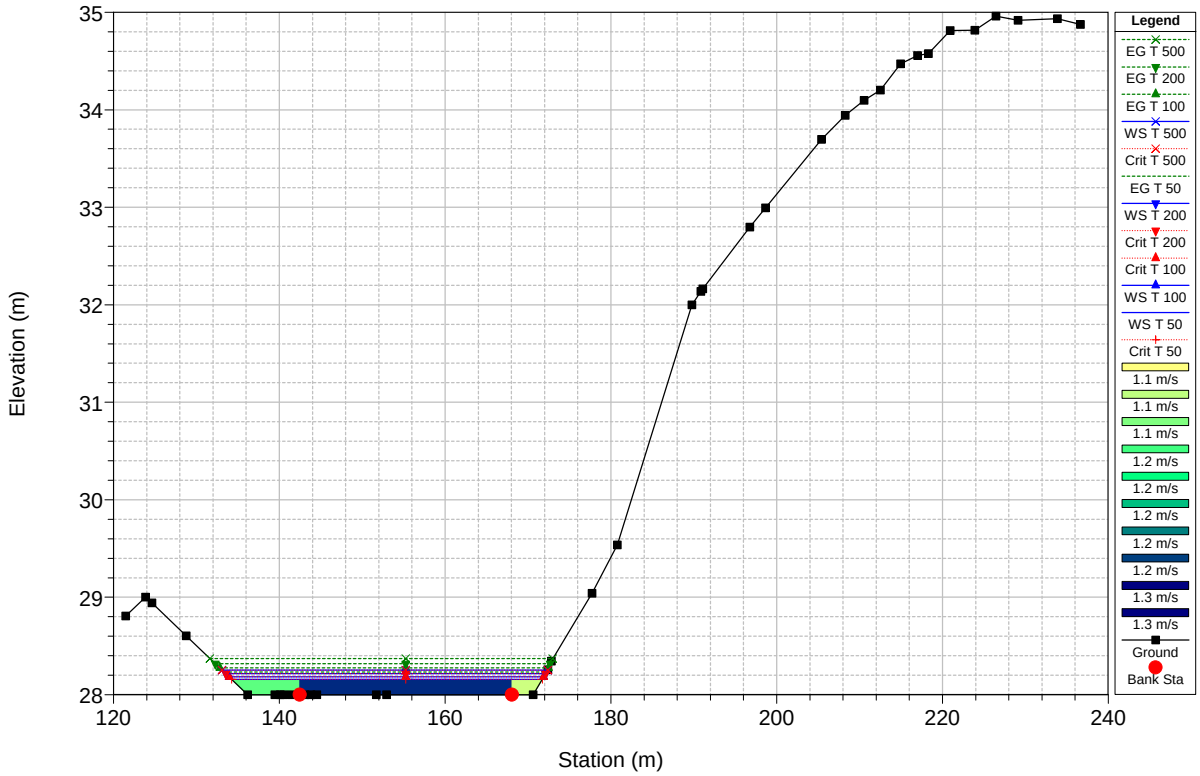
River = BACINO RUDALZA Reach = TRONCO SE RS = 150



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

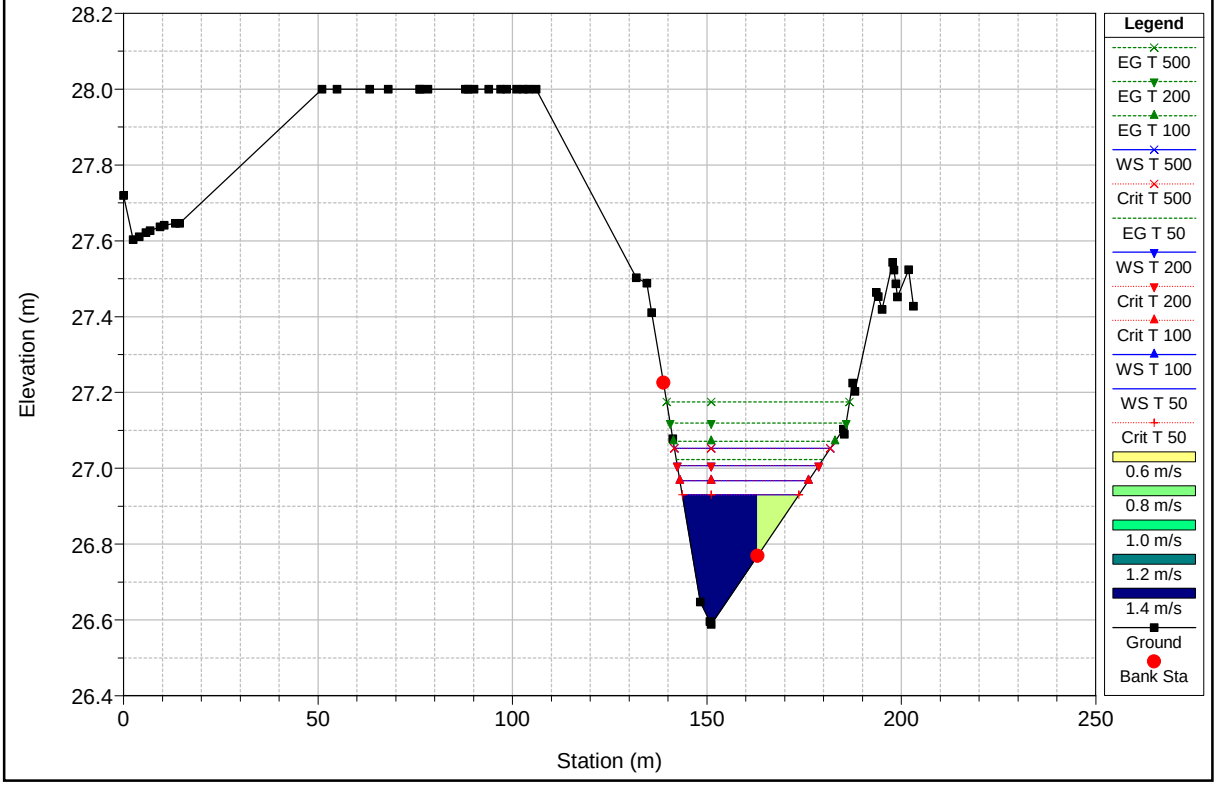
River = BACINO RUDALZA Reach = TRONCO SE RS = 47



bacino rudalza se Plan: Plan 03

Geom: SI Flow: Flow 01

River = BACINO RUDALZA Reach = TRONCO SE RS = 16



HEC-RAS Plan: Plan 01 River: BACINO RUDALZA Reach: TRONCO SE

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)	
TRONCO SE	2100	T 50	6.91	138.41	138.90	138.90	139.01	0.032278	1.49	4.62	20.15	1.00
TRONCO SE	2100	T 100	8.84	138.41	138.95	138.95	139.07	0.031262	1.57	5.62	22.16	1.00
TRONCO SE	2100	T 200	11.07	138.41	138.99	138.99	139.13	0.030187	1.65	6.70	23.93	1.00
TRONCO SE	2100	T 500	14.07	138.41	139.05	139.05	139.20	0.029703	1.75	8.03	25.95	1.00
TRONCO SE	2050	T 50	6.91	131.99	132.23	132.23	132.34	0.030979	1.46	4.72	21.55	1.00
TRONCO SE	2050	T 100	8.84	131.99	132.27	132.27	132.40	0.029867	1.59	5.57	21.94	1.00
TRONCO SE	2050	T 200	11.07	131.99	132.31	132.31	132.46	0.028345	1.70	6.53	22.37	1.00
TRONCO SE	2050	T 500	14.07	131.99	132.37	132.37	132.54	0.026762	1.82	7.74	22.90	1.00
TRONCO SE	2000	T 50	6.91	127.33	127.79	127.79	127.90	0.033471	1.52	4.56	19.94	1.01
TRONCO SE	2000	T 100	8.84	127.33	127.83	127.83	127.96	0.032206	1.59	5.56	22.03	1.01
TRONCO SE	2000	T 200	11.07	127.33	127.88	127.88	128.02	0.030527	1.65	6.72	24.21	1.00
TRONCO SE	2000	T 500	14.07	127.33	127.93	127.93	128.09	0.030546	1.79	7.87	25.15	1.02
TRONCO SE	1950	T 50	6.91	120.55	121.13	121.13	121.27	0.031608	1.68	4.12	14.83	1.02
TRONCO SE	1950	T 100	8.84	120.55	121.21	121.21	121.35	0.030578	1.66	5.34	19.08	1.00
TRONCO SE	1950	T 200	11.07	120.55	121.27	121.27	121.41	0.031026	1.67	6.62	23.60	1.01
TRONCO SE	1950	T 500	14.07	120.55	121.32	121.32	121.48	0.030746	1.77	7.96	26.01	1.02
TRONCO SE	1900	T 50	6.91	116.99	117.66	117.66	117.82	0.031195	1.76	3.92	12.90	1.02
TRONCO SE	1900	T 100	8.84	116.99	117.72	117.72	117.90	0.029819	1.86	4.74	13.88	1.02
TRONCO SE	1900	T 200	11.07	116.99	117.78	117.78	117.98	0.028751	1.96	5.64	14.88	1.02
TRONCO SE	1900	T 500	14.07	116.99	117.86	117.86	118.08	0.027713	2.07	6.79	16.06	1.02
TRONCO SE	1850	T 50	6.91	114.83	115.12	115.12	115.20	0.031040	1.35	5.38	29.87	0.96
TRONCO SE	1850	T 100	8.84	114.83	115.15	115.15	115.25	0.030356	1.46	6.35	30.50	0.97
TRONCO SE	1850	T 200	11.07	114.83	115.18	115.18	115.30	0.029827	1.57	7.38	31.16	0.98
TRONCO SE	1850	T 500	14.07	114.83	115.22	115.22	115.36	0.028995	1.70	8.70	31.98	0.99
TRONCO SE	1810	T 50	6.91	112.00	112.23	112.23	112.34	0.029199	1.45	4.76	22.30	1.00
TRONCO SE	1810	T 100	8.84	112.00	112.27	112.27	112.39	0.027460	1.56	5.67	22.84	1.00
TRONCO SE	1810	T 200	11.07	112.00	112.31	112.31	112.45	0.026243	1.67	6.65	23.40	1.00
TRONCO SE	1810	T 500	14.07	112.00	112.36	112.36	112.53	0.025373	1.79	7.84	24.06	1.00
TRONCO SE	1749	T 50	6.91	109.92	110.23	110.23	110.32	0.025578	1.29	5.37	32.92	1.02
TRONCO SE	1749	T 100	8.84	109.92	110.26	110.26	110.36	0.025685	1.38	6.39	33.71	1.02
TRONCO SE	1749	T 200	11.07	109.92	110.30	110.30	110.41	0.025320	1.48	7.50	34.56	1.01
TRONCO SE	1749	T 500	14.07	109.92	110.34	110.34	110.46	0.024779	1.58	8.90	35.59	1.01
TRONCO SE	1674	T 50	6.91	106.60	107.08	107.08	107.20	0.023307	1.64	4.68	19.84	0.99
TRONCO SE	1674	T 100	8.84	106.60	107.13	107.13	107.26	0.023399	1.73	5.62	21.68	1.00
TRONCO SE	1674	T 200	11.07	106.60	107.18	107.18	107.32	0.023370	1.83	6.72	24.18	1.01
TRONCO SE	1674	T 500	14.07	106.60	107.23	107.23	107.39	0.022637	1.90	8.13	26.43	1.01
TRONCO SE	1650	T 50	6.91	105.21	105.67	105.67	105.79	0.022669	1.52	4.64	20.56	0.96
TRONCO SE	1650	T 100	8.84	105.21	105.72	105.72	105.85	0.022275	1.63	5.59	22.22	0.97
TRONCO SE	1650	T 200	11.07	105.21	105.77	105.77	105.91	0.020873	1.71	6.75	24.10	0.96
TRONCO SE	1650	T 500	14.07	105.21	105.82	105.82	105.98	0.020442	1.82	8.13	26.14	0.96
TRONCO SE	1600	T 50	6.91	102.93	103.32	103.32	103.41	0.026084	1.35	5.22	29.62	0.98
TRONCO SE	1600	T 100	8.84	102.93	103.36	103.36	103.45	0.024216	1.39	6.54	33.87	0.96
TRONCO SE	1600	T 200	11.07	102.93	103.39	103.39	103.50	0.024218	1.47	7.80	37.53	0.97
TRONCO SE	1600	T 500	14.07	102.93	103.44	103.44	103.55	0.022905	1.52	9.63	42.24	0.96
TRONCO SE	1534	T 50	6.91	100.00	100.46		100.48	0.002843	0.72	9.58	24.01	0.36
TRONCO SE	1534	T 100	8.84	100.00	100.51		100.54	0.003189	0.81	10.86	24.70	0.39
TRONCO SE	1534	T 200	11.07	100.00	100.56		100.61	0.003464	0.90	12.27	25.44	0.41
TRONCO SE	1534	T 500	14.07	100.00	100.63		100.68	0.003747	1.01	13.95	26.29	0.44
TRONCO SE	1500	T 50	6.91	100.00	100.38		100.39	0.002277	0.58	11.85	33.09	0.31
TRONCO SE	1500	T 100	8.84	100.00	100.42		100.44	0.002593	0.67	13.27	33.44	0.34
TRONCO SE	1500	T 200	11.07	100.00	100.47		100.50	0.002760	0.74	14.98	33.85	0.35
TRONCO SE	1500	T 500	14.07	100.00	100.53		100.56	0.002996	0.83	16.97	34.33	0.38
TRONCO SE	1468	T 50	6.91	100.00	100.14	100.14	100.21	0.035581	1.20	5.80	43.30	1.04
TRONCO SE	1468	T 100	8.84	100.00	100.16	100.16	100.25	0.030878	1.27	7.03	43.60	1.00
TRONCO SE	1468	T 200	11.07	100.00	100.19	100.19	100.28	0.029263	1.36	8.20	43.87	1.00
TRONCO SE	1468	T 500	14.07	100.00	100.22	100.22	100.33	0.029227	1.49	9.50	44.17	1.02
TRONCO SE	1400	T 50	6.91	96.00	96.16	96.16	96.24	0.028812	1.24	5.59	35.82	1.00
TRONCO SE	1400	T 100	8.84	96.00	96.19	96.19	96.28	0.027355	1.33	6.62	36.42	1.00
TRONCO SE	1400	T 200	11.07	96.00	96.22	96.22	96.33	0.026249	1.43	7.72	37.05	1.00
TRONCO SE	1400	T 500	14.07	96.00	96.26	96.26	96.38	0.024729	1.54	9.15	37.85	1.00
TRONCO SE	1350	T 50	6.91	92.00	92.22	92.22	92.31	0.031553	1.37	5.04	25.98	0.99
TRONCO SE	1350	T 100	8.84	92.00	92.25	92.25	92.36	0.030583	1.48	5.98	26.88	1.00
TRONCO SE	1350	T 200	11.07	92.00	92.29	92.29	92.42	0.029036	1.57	7.05	27.88	1.00
TRONCO SE	1350	T 500	14.07	92.00	92.34	92.34	92.48	0.028130	1.69	8.34	29.04	1.00
TRONCO SE	1300	T 50	6.91	90.48	90.82	90.82	90.91	0.025164	1.30	5.33	31.33	1.00
TRONCO SE	1300	T 100	8.84	90.48	90.85	90.85	90.95	0.024401	1.38	6.41	34.14	1.02
TRONCO SE	1300	T 200	11.07	90.48	90.89	90.89	90.99	0.022247	1.42	7.81	38.20	1.00
TRONCO SE	1300	T 500	14.07	90.48	90.93	90.93	91.05	0.023266	1.53	9.20	39.80	1.02

HEC-RAS Plan: Plan 01 River: BACINO RUDALZA Reach: TRONCO SE (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)	
TRONCO SE	1247	T 50	6.91	88.00	88.23	88.23	88.33	0.031498	1.40	4.92	24.39	1.00
TRONCO SE	1247	T 100	8.84	88.00	88.26	88.26	88.38	0.029806	1.51	5.87	25.26	1.00
TRONCO SE	1247	T 200	11.07	88.00	88.30	88.30	88.44	0.028357	1.60	6.90	26.18	1.00
TRONCO SE	1247	T 500	14.07	88.00	88.35	88.35	88.50	0.027389	1.72	8.16	27.24	1.01
TRONCO SE	1204	T 50	6.91	84.00	84.29	84.29	84.43	0.030971	1.63	4.23	15.56	1.00
TRONCO SE	1204	T 100	8.84	84.00	84.34	84.34	84.50	0.029464	1.76	5.02	15.89	1.00
TRONCO SE	1204	T 200	11.07	84.00	84.39	84.39	84.57	0.029211	1.91	5.81	16.20	1.02
TRONCO SE	1204	T 500	14.07	84.00	84.46	84.46	84.67	0.027019	2.03	6.94	16.65	1.00
TRONCO SE	1137	T 50	6.91	80.00	80.33	80.33	80.48	0.030159	1.69	4.08	13.97	1.00
TRONCO SE	1137	T 100	8.84	80.00	80.38	80.38	80.55	0.028757	1.81	4.88	14.52	1.00
TRONCO SE	1137	T 200	11.07	80.00	80.44	80.44	80.63	0.027902	1.94	5.72	15.08	1.00
TRONCO SE	1137	T 500	14.07	80.00	80.51	80.51	80.73	0.026890	2.07	6.80	15.77	1.01
TRONCO SE	1100	T 50	6.91	78.36	78.67	78.67	78.74	0.037758	1.17	5.88	41.44	1.00
TRONCO SE	1100	T 100	8.84	78.36	78.70	78.70	78.78	0.040298	1.28	6.89	44.62	1.04
TRONCO SE	1100	T 200	11.07	78.36	78.73	78.73	78.82	0.035393	1.28	8.65	51.09	0.99
TRONCO SE	1100	T 500	14.07	78.36	78.77	78.77	78.86	0.034107	1.36	10.36	54.35	0.99
TRONCO SE	1050	T 50	6.91	73.60	74.32	74.32	74.50	0.029824	1.85	3.73	11.03	1.02
TRONCO SE	1050	T 100	8.84	73.60	74.39	74.39	74.58	0.028907	1.94	4.55	12.26	1.02
TRONCO SE	1050	T 200	11.07	73.60	74.46	74.46	74.67	0.028079	2.03	5.46	13.48	1.02
TRONCO SE	1050	T 500	14.07	73.60	74.55	74.55	74.77	0.027217	2.12	6.63	14.91	1.02
TRONCO SE	1000	T 50	6.91	70.07	70.84	70.84	71.03	0.028564	1.96	3.52	9.16	1.01
TRONCO SE	1000	T 100	8.84	70.07	70.91	70.91	71.13	0.027978	2.07	4.27	10.08	1.02
TRONCO SE	1000	T 200	11.07	70.07	70.99	70.99	71.24	0.026650	2.20	5.04	10.49	1.01
TRONCO SE	1000	T 500	14.07	70.07	71.08	71.08	71.36	0.025845	2.35	5.98	10.93	1.02
TRONCO SE	950	T 50	6.91	64.00	64.21	64.21	64.31	0.033930	1.42	4.87	23.78	1.00
TRONCO SE	950	T 100	8.84	64.00	64.25	64.25	64.37	0.032669	1.54	5.73	23.96	1.01
TRONCO SE	950	T 200	11.07	64.00	64.29	64.29	64.43	0.030738	1.65	6.70	24.16	1.00
TRONCO SE	950	T 500	14.07	64.00	64.33	64.33	64.50	0.029435	1.79	7.87	24.40	1.00
TRONCO SE	895	T 50	6.91	60.00	60.66		60.74	0.007927	1.29	5.36	9.95	0.56
TRONCO SE	895	T 100	8.84	60.00	60.73		60.84	0.008929	1.45	6.09	10.35	0.60
TRONCO SE	895	T 200	11.07	60.00	60.80		60.93	0.009961	1.61	6.85	10.75	0.65
TRONCO SE	895	T 500	14.07	60.00	60.89		61.05	0.011178	1.81	7.78	11.21	0.69
TRONCO SE	850	T 50	6.91	60.00	60.50		60.52	0.002859	0.70	9.84	21.50	0.33
TRONCO SE	850	T 100	8.84	60.00	60.56		60.59	0.003204	0.80	11.11	21.90	0.36
TRONCO SE	850	T 200	11.07	60.00	60.61	60.33	60.65	0.003621	0.90	12.34	22.28	0.38
TRONCO SE	850	T 500	14.07	60.00	60.68	60.38	60.73	0.004094	1.01	13.86	22.80	0.42
TRONCO SE	808	T 50	6.91	60.00	60.15	60.15	60.22	0.037693	1.19	5.80	39.87	1.00
TRONCO SE	808	T 100	8.84	60.00	60.17	60.17	60.26	0.037042	1.31	6.77	40.13	1.01
TRONCO SE	808	T 200	11.07	60.00	60.20	60.20	60.30	0.034035	1.39	7.98	40.45	1.00
TRONCO SE	808	T 500	14.07	60.00	60.24	60.24	60.35	0.032340	1.50	9.39	40.82	1.00
TRONCO SE	750	T 50	6.91	56.00	56.49		56.50	0.001073	0.44	15.80	33.76	0.20
TRONCO SE	750	T 100	8.84	56.00	56.56		56.57	0.001135	0.49	18.10	34.20	0.21
TRONCO SE	750	T 200	11.07	56.00	56.63		56.65	0.001193	0.54	20.53	34.66	0.22
TRONCO SE	750	T 500	14.07	56.00	56.72		56.73	0.001259	0.60	23.48	35.21	0.23
TRONCO SE	700	T 50	6.91	56.00	56.23	56.23	56.35	0.033102	1.49	4.63	20.56	1.00
TRONCO SE	700	T 100	8.84	56.00	56.28	56.28	56.41	0.031148	1.61	5.50	20.84	1.00
TRONCO SE	700	T 200	11.07	56.00	56.32	56.32	56.47	0.030178	1.73	6.39	21.16	1.01
TRONCO SE	700	T 500	14.07	56.00	56.37	56.37	56.55	0.028757	1.86	7.55	21.57	1.01
TRONCO SE	654	T 50	6.91	52.00	52.76		52.81	0.003986	1.00	6.94	11.37	0.41
TRONCO SE	654	T 100	8.84	52.00	52.84		52.90	0.004501	1.12	7.90	11.85	0.44
TRONCO SE	654	T 200	11.07	52.00	52.92		53.00	0.005058	1.25	8.87	12.32	0.47
TRONCO SE	654	T 500	14.07	52.00	53.01		53.11	0.005711	1.40	10.05	12.86	0.51
TRONCO SE	600	T 50	6.91	52.00	52.22	52.22	52.32	0.033557	1.45	4.78	22.52	1.00
TRONCO SE	600	T 100	8.84	52.00	52.26	52.26	52.38	0.032065	1.57	5.64	22.71	1.00
TRONCO SE	600	T 200	11.07	52.00	52.30	52.30	52.44	0.030191	1.68	6.60	22.93	1.00
TRONCO SE	600	T 500	14.07	52.00	52.35	52.35	52.52	0.028715	1.81	7.77	23.19	1.00
TRONCO SE	550	T 50	6.91	48.00	48.57		48.60	0.002693	0.75	9.25	17.50	0.33
TRONCO SE	550	T 100	8.84	48.00	48.64		48.68	0.002967	0.84	10.50	17.84	0.35
TRONCO SE	550	T 200	11.07	48.00	48.71		48.76	0.003259	0.94	11.78	18.17	0.37
TRONCO SE	550	T 500	14.07	48.00	48.80		48.85	0.003609	1.06	13.31	18.57	0.40
TRONCO SE	511	T 50	6.91	48.00	48.23	48.23	48.34	0.032931	1.47	4.71	21.43	1.00
TRONCO SE	511	T 100	8.84	48.00	48.26	48.26	48.40	0.032918	1.61	5.49	21.64	1.02
TRONCO SE	511	T 200	11.07	48.00	48.31	48.31	48.46	0.030199	1.71	6.48	21.91	1.00
TRONCO SE	511	T 500	14.07	48.00	48.36	48.36	48.53	0.028889	1.84	7.63	22.22	1.01
TRONCO SE	450	T 50	6.91	42.80	43.39	43.39	43.55	0.030931	1.73	4.00	13.43	1.01
TRONCO SE	450	T 100	8.84	42.80	43.46	43.46	43.62	0.030128	1.82	4.85	14.80	1.01
TRONCO SE	450	T 200	11.07	42.80	43.52	43.52	43.70	0.029226	1.90	5.81	16.20	1.01
TRONCO SE	450	T 500	14.07	42.80	43.59	43.59	43.79	0.027593	1.98	7.11	17.91	1.00

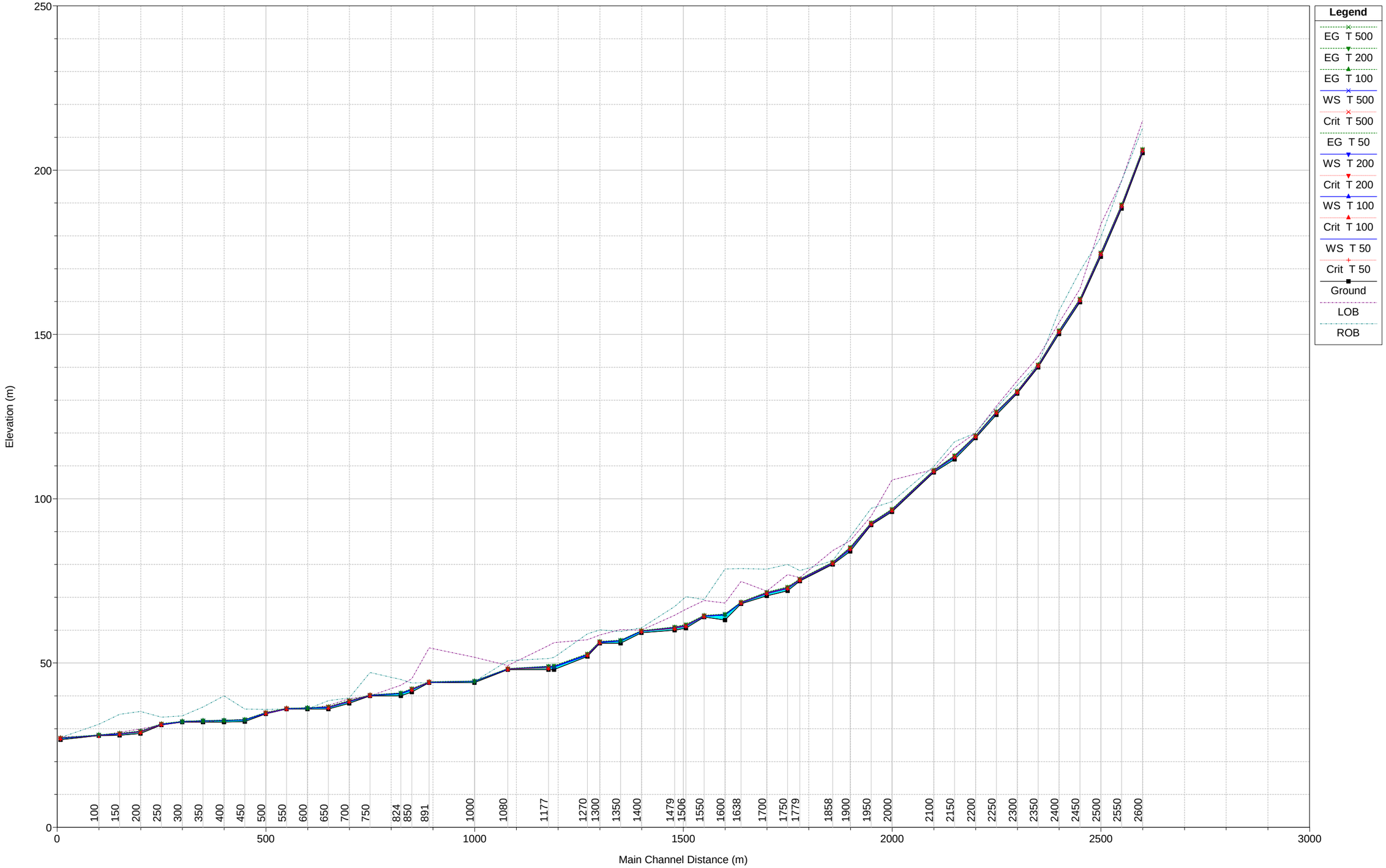
HEC-RAS Plan: Plan 01 River: BACINO RUDALZA Reach: TRONCO SE (Continued)

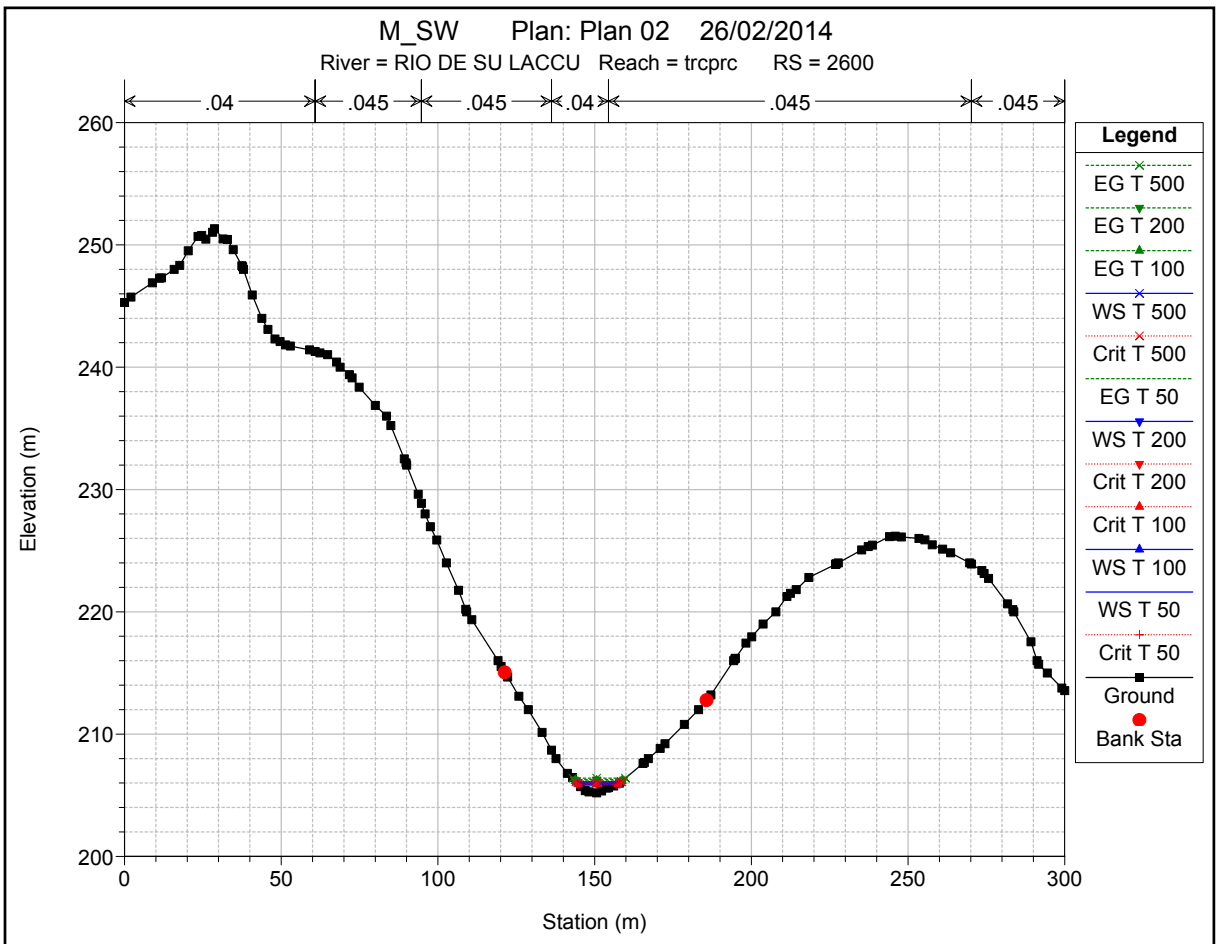
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
TRONCO SE	400	T 50	6.91	40.00	40.23	40.23	40.34	0.032855	1.49	4.64	20.47	1.00
TRONCO SE	400	T 100	8.84	40.00	40.27	40.27	40.40	0.031172	1.61	5.48	20.57	1.00
TRONCO SE	400	T 200	11.07	40.00	40.31	40.31	40.47	0.030183	1.74	6.35	20.68	1.00
TRONCO SE	400	T 500	14.07	40.00	40.37	40.37	40.55	0.028274	1.88	7.50	20.83	1.00
TRONCO SE	350	T 50	6.91	36.00	36.56		36.58	0.001998	0.65	10.64	19.69	0.28
TRONCO SE	350	T 100	8.84	36.00	36.63		36.66	0.002214	0.74	12.01	19.86	0.30
TRONCO SE	350	T 200	11.07	36.00	36.71		36.74	0.002381	0.82	13.52	20.05	0.32
TRONCO SE	350	T 500	14.07	36.00	36.79		36.84	0.002595	0.92	15.28	20.23	0.34
TRONCO SE	300	T 50	6.91	36.00	36.26	36.22	36.34	0.021261	1.29	5.36	21.26	0.82
TRONCO SE	300	T 100	8.84	36.00	36.30	36.27	36.40	0.021357	1.42	6.23	21.40	0.84
TRONCO SE	300	T 200	11.07	36.00	36.34	36.31	36.46	0.021439	1.55	7.14	21.55	0.86
TRONCO SE	300	T 500	14.07	36.00	36.39	36.36	36.54	0.022222	1.72	8.19	21.72	0.89
TRONCO SE	250	T 50	6.91	34.49	34.94	34.94	35.06	0.031635	1.54	4.50	18.51	0.99
TRONCO SE	250	T 100	8.84	34.49	34.99	34.99	35.13	0.030565	1.67	5.30	18.80	1.00
TRONCO SE	250	T 200	11.07	34.49	35.03	35.03	35.19	0.030021	1.80	6.14	19.09	1.01
TRONCO SE	250	T 500	14.07	34.49	35.09	35.09	35.28	0.028560	1.94	7.26	19.48	1.01
TRONCO SE	200	T 50	6.91	32.00	32.54		32.57	0.002321	0.68	10.18	19.93	0.30
TRONCO SE	200	T 100	8.84	32.00	32.62		32.65	0.002509	0.76	11.61	20.25	0.32
TRONCO SE	200	T 200	11.07	32.00	32.68		32.72	0.002813	0.86	12.92	20.55	0.34
TRONCO SE	200	T 500	14.07	32.00	32.76		32.81	0.003147	0.97	14.53	20.90	0.37
TRONCO SE	150	T 50	6.91	32.00	32.19	32.19	32.28	0.034780	1.36	5.13	27.58	1.00
TRONCO SE	150	T 100	8.84	32.00	32.22	32.22	32.33	0.034388	1.49	5.98	27.77	1.02
TRONCO SE	150	T 200	11.07	32.00	32.26	32.26	32.38	0.031784	1.59	7.03	27.99	1.00
TRONCO SE	150	T 500	14.07	32.00	32.30	32.30	32.45	0.030386	1.72	8.26	28.25	1.01
TRONCO SE	47	T 50	6.91	28.00	28.16	28.16	28.23	0.036881	1.25	5.68	37.49	1.00
TRONCO SE	47	T 100	8.84	28.00	28.18	28.18	28.27	0.036948	1.38	6.61	37.96	1.03
TRONCO SE	47	T 200	11.07	28.00	28.22	28.22	28.32	0.033335	1.46	7.85	38.59	1.00
TRONCO SE	47	T 500	14.07	28.00	28.25	28.25	28.37	0.031595	1.57	9.27	39.29	1.00
TRONCO SE	16	T 50	6.91	26.59	26.93	26.93	27.02	0.026935	1.40	5.39	30.01	0.92
TRONCO SE	16	T 100	8.84	26.59	26.97	26.97	27.07	0.026208	1.49	6.55	33.04	0.93
TRONCO SE	16	T 200	11.07	26.59	27.01	27.01	27.12	0.024658	1.56	7.94	36.34	0.92
TRONCO SE	16	T 500	14.07	26.59	27.05	27.05	27.18	0.023712	1.65	9.66	40.06	0.92

IL BACINO RUDALZA
Ramo Sud-Ovest

M_SW Plan: Plan 02

Geom: SI Flow: Flow 01

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.045
.04
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
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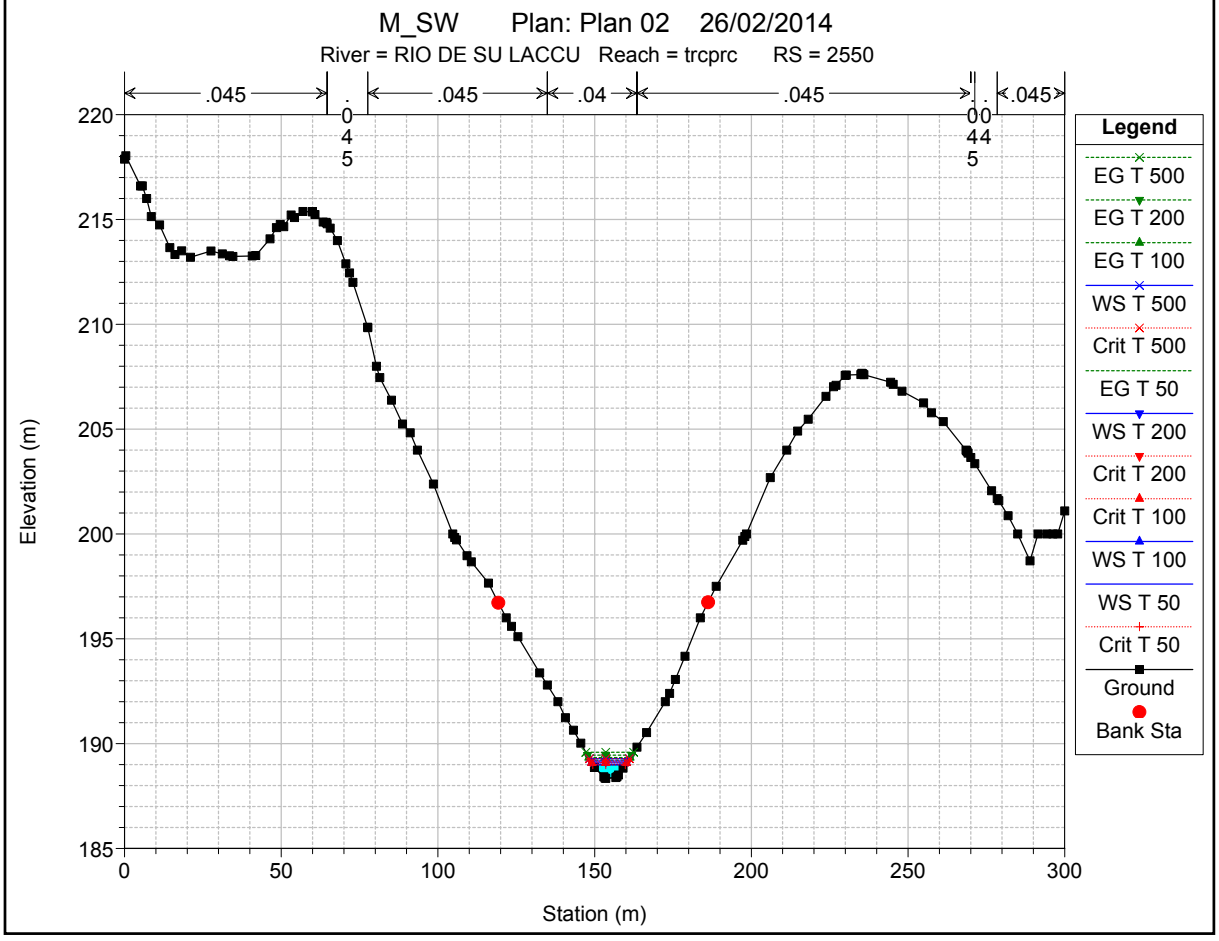
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta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.045
.045
.04
.045
.045
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Station (m)
Legend
EG T 500
EG T 200
EG T 100
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WS T 200
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WS T 100
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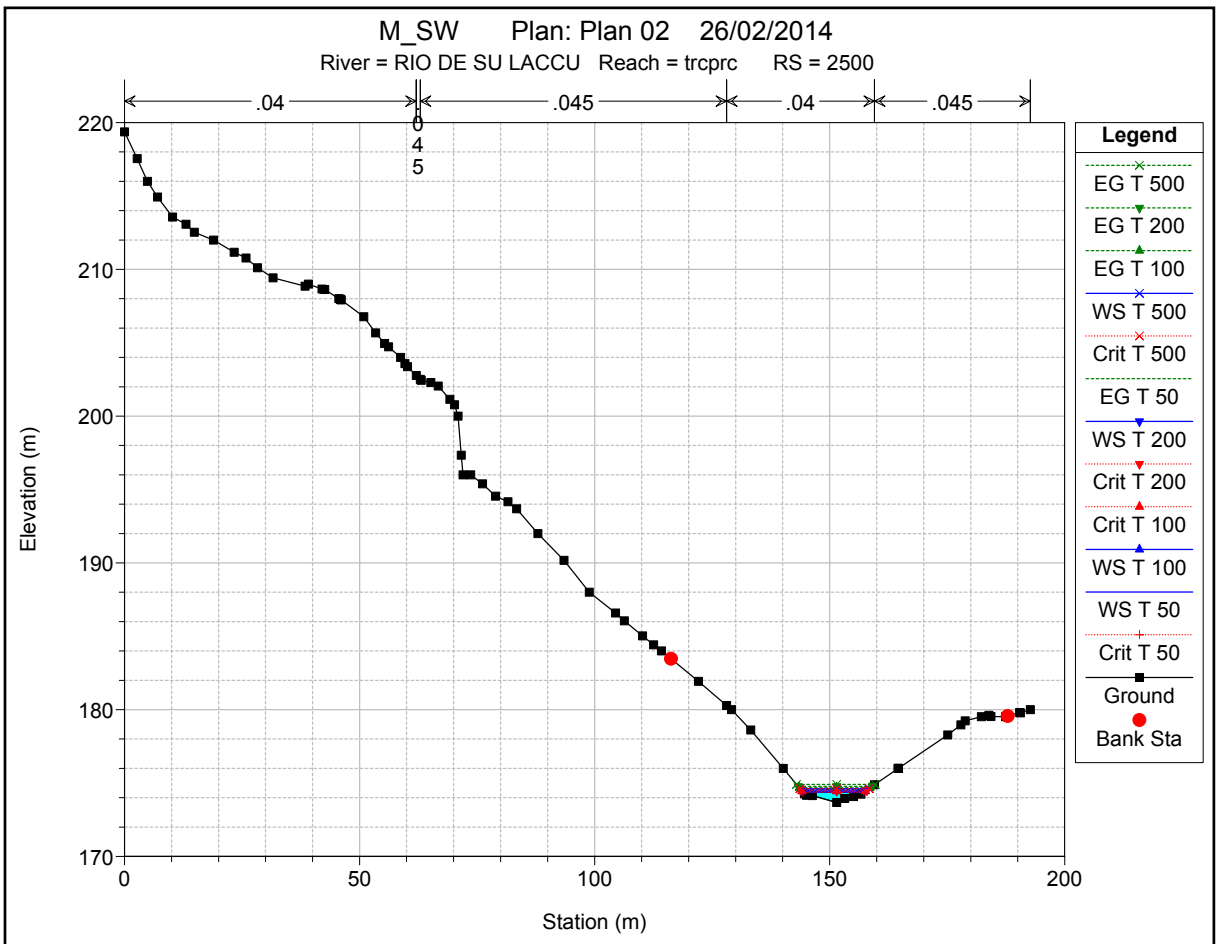
Crit T 50
Ground
Bank Sta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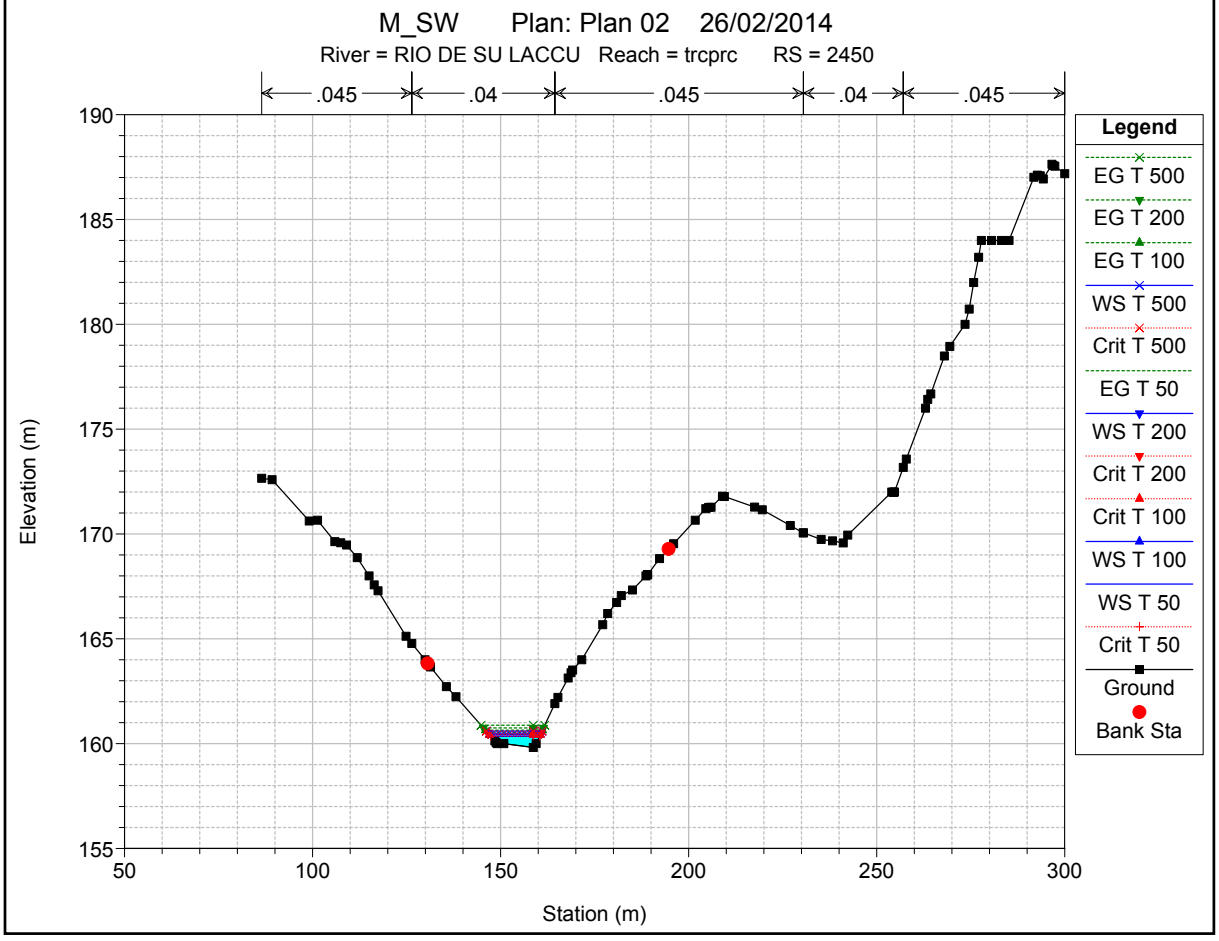
.04
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta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.045
.04
.045
.04
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Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
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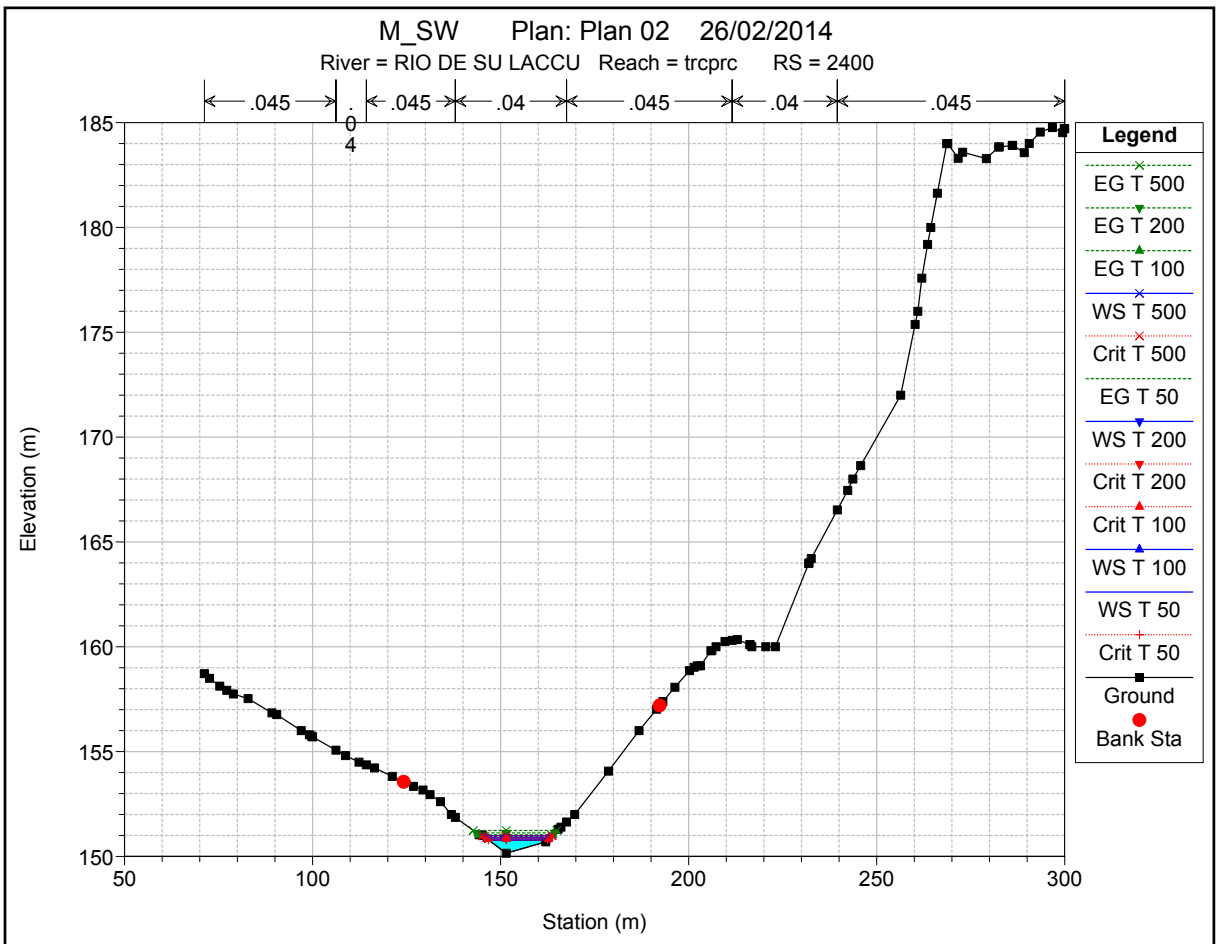
Bank Sta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.045
.04
.045
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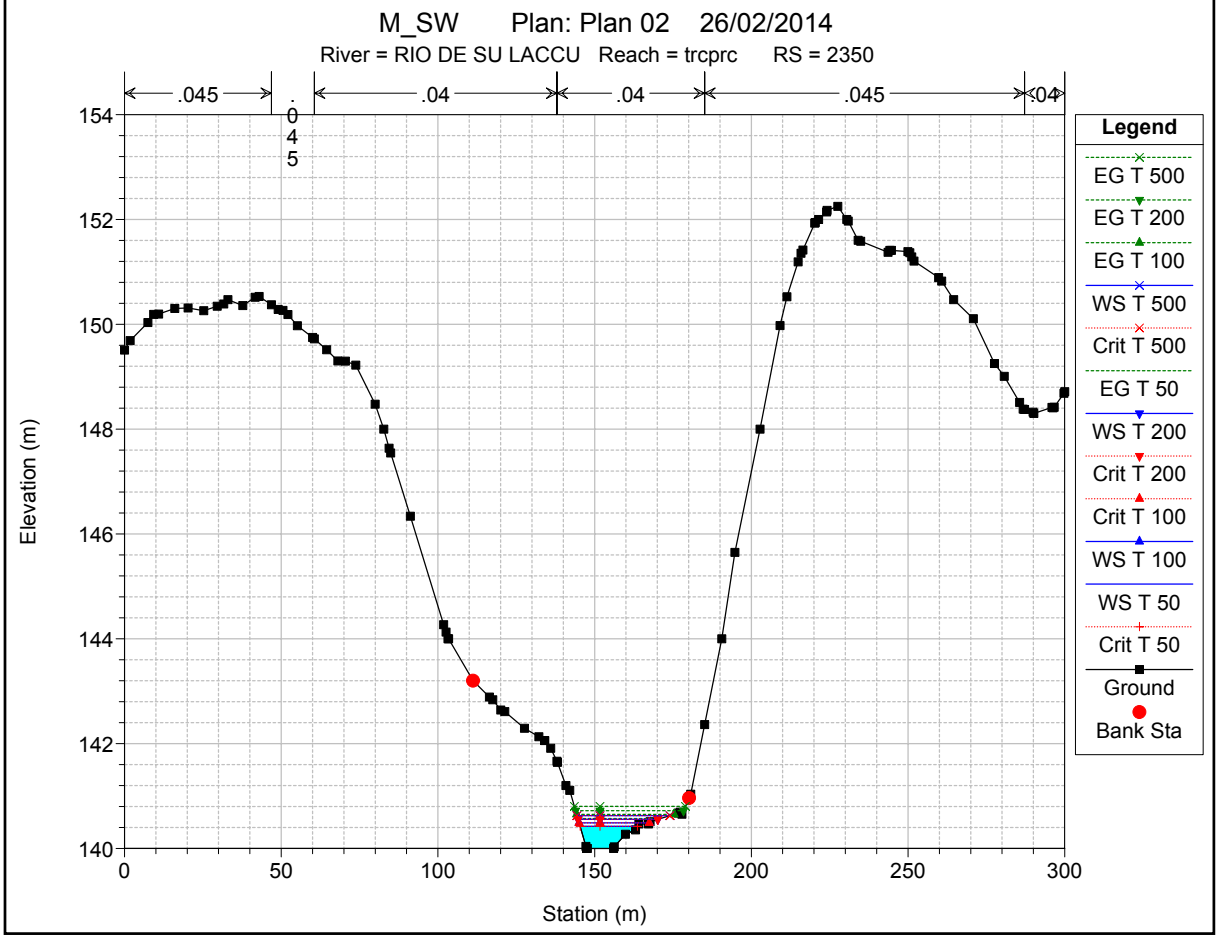
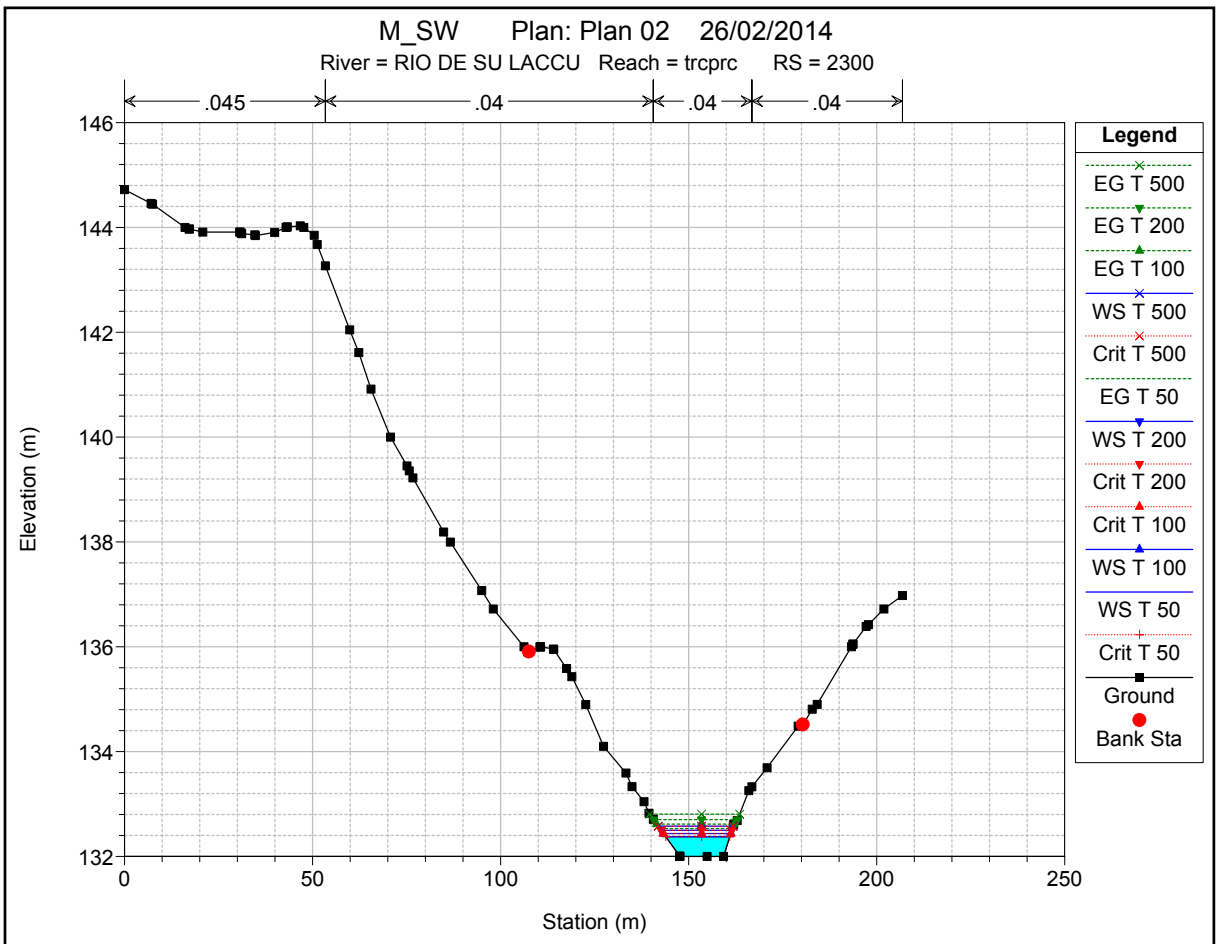
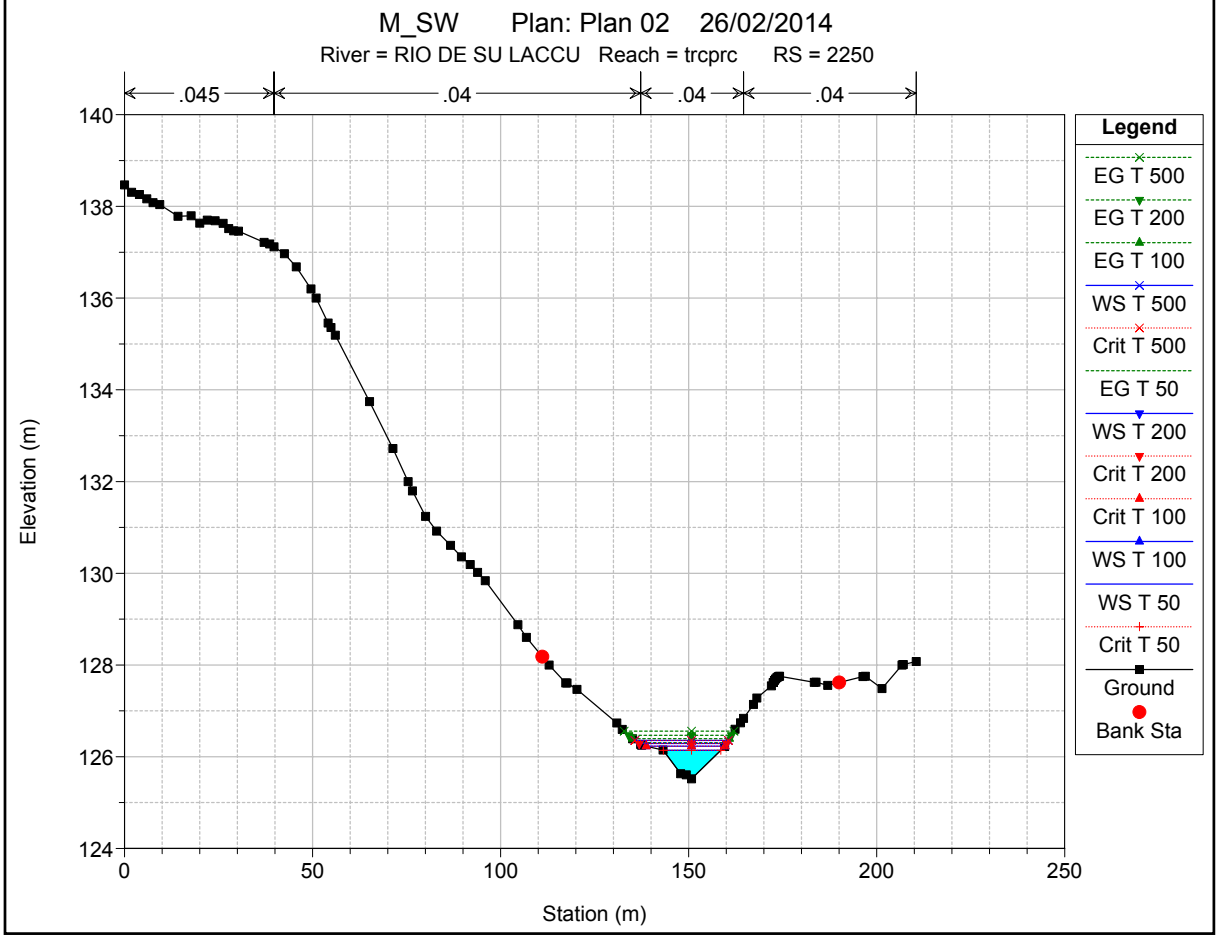
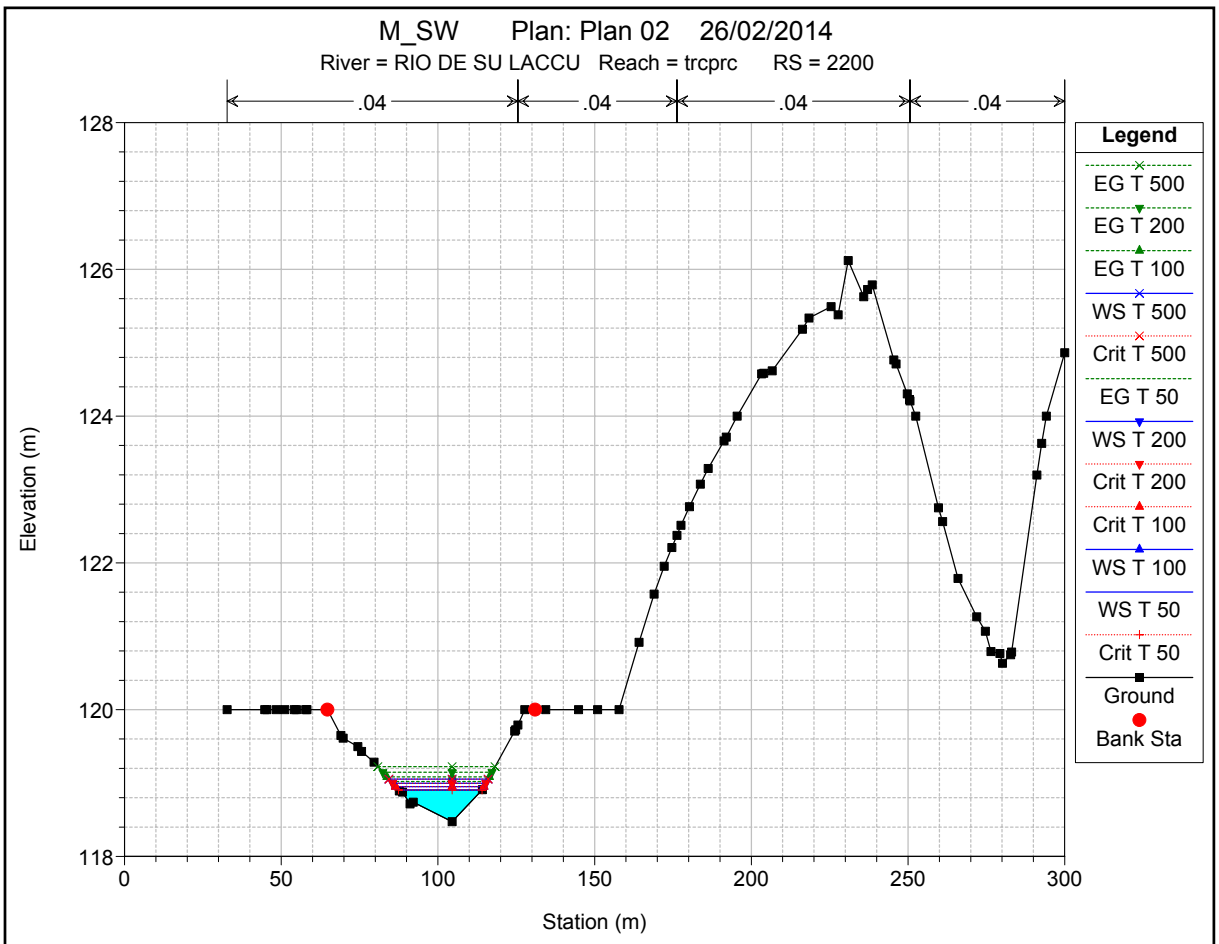
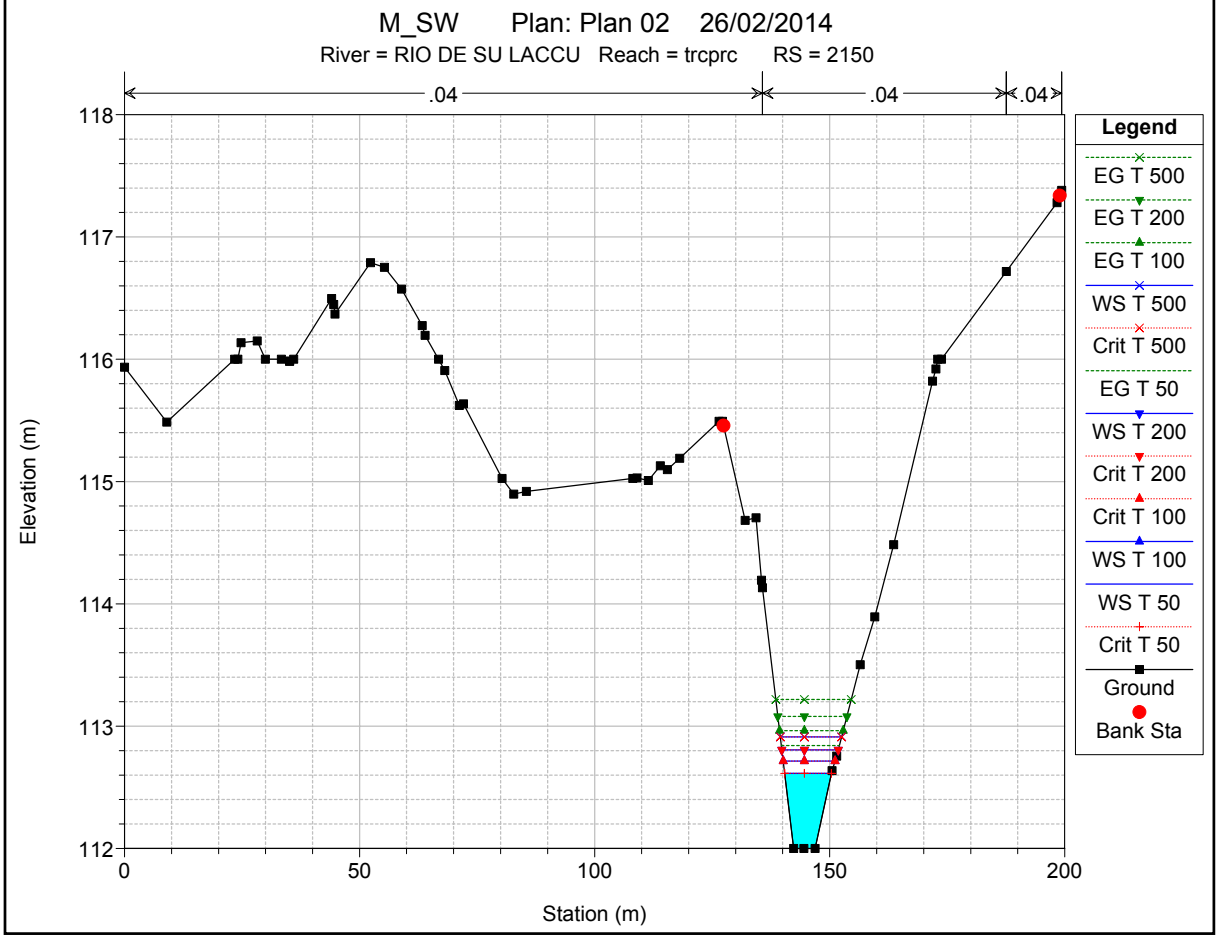
.045
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)

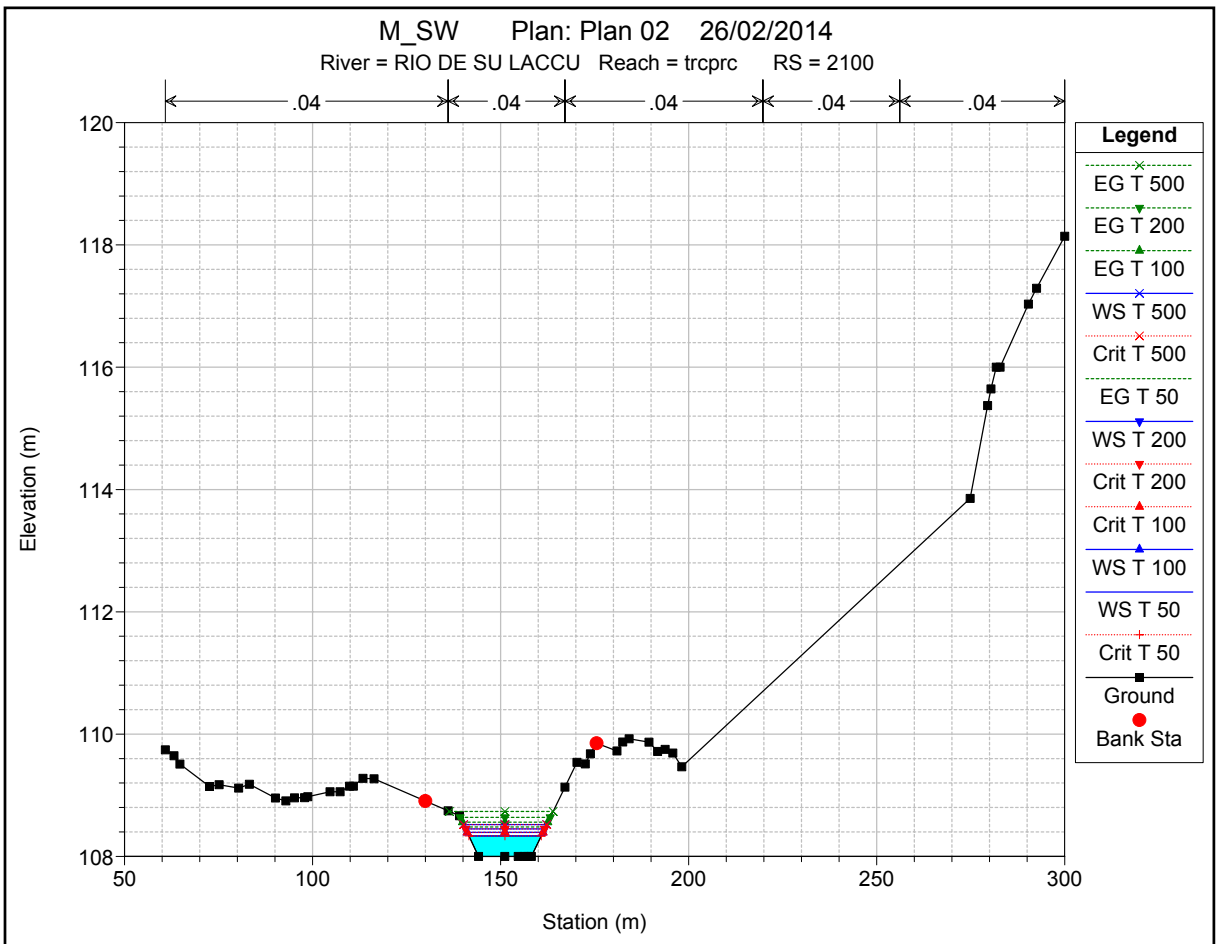

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 2350
.045
.04
.04
.045
.04
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)

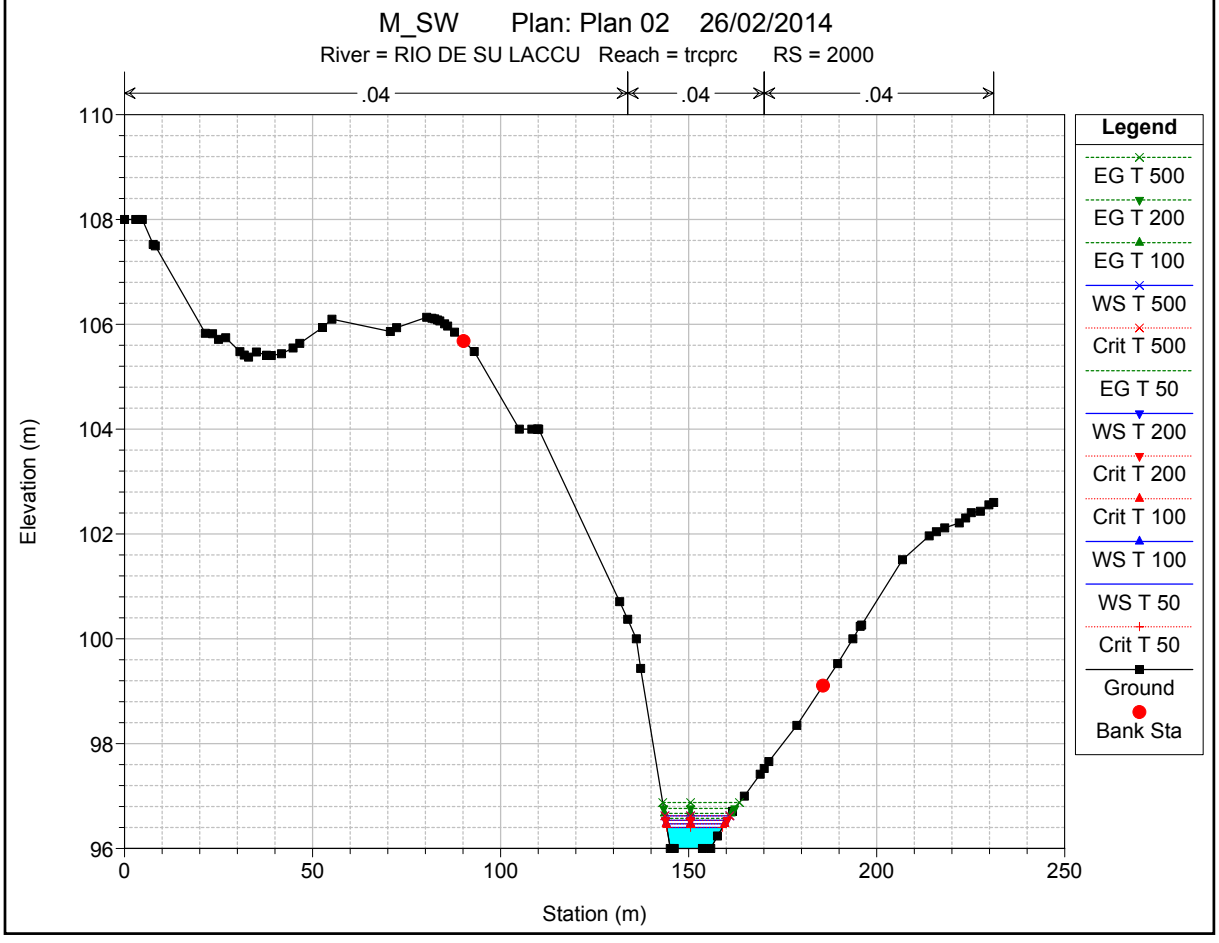

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 2300
.045
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

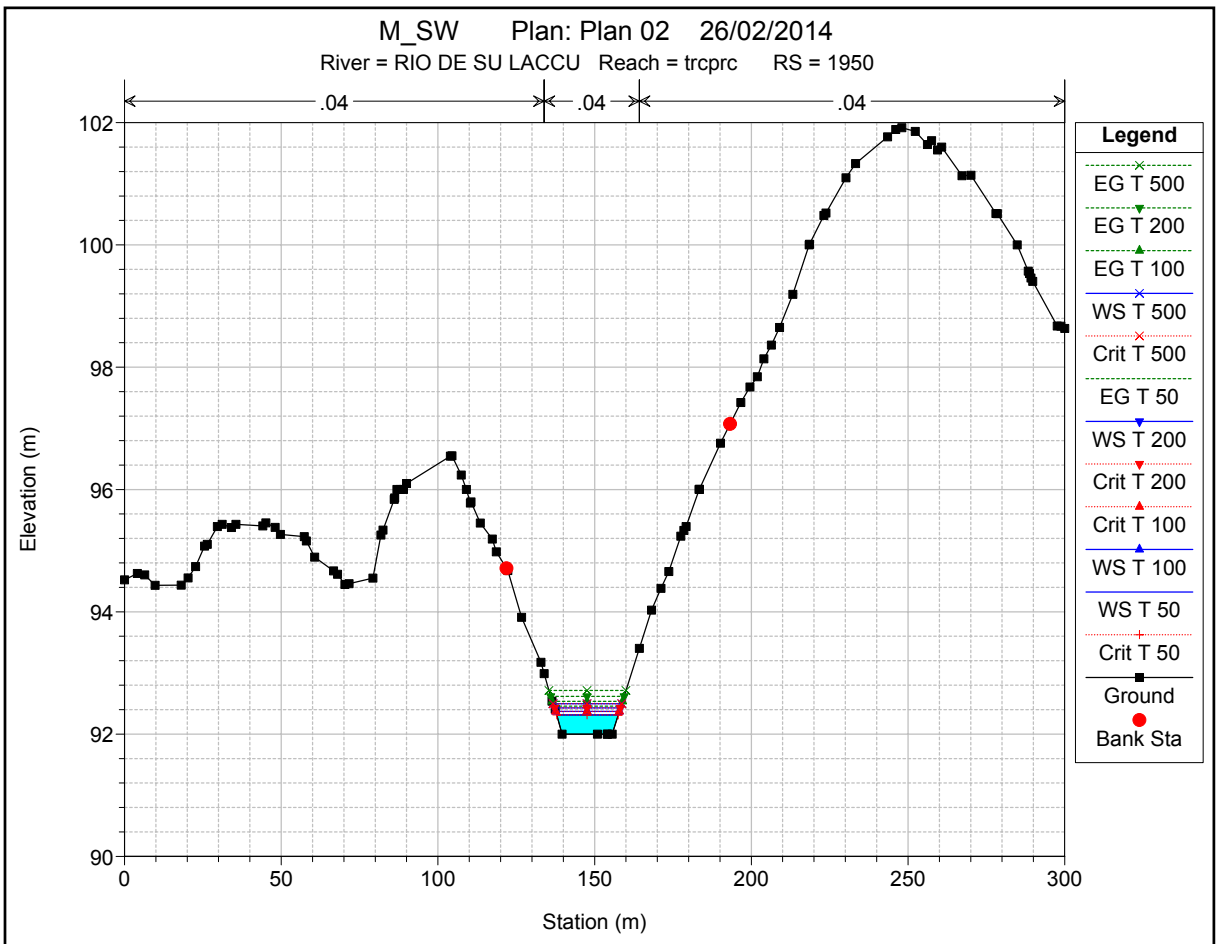

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 2250
.045
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

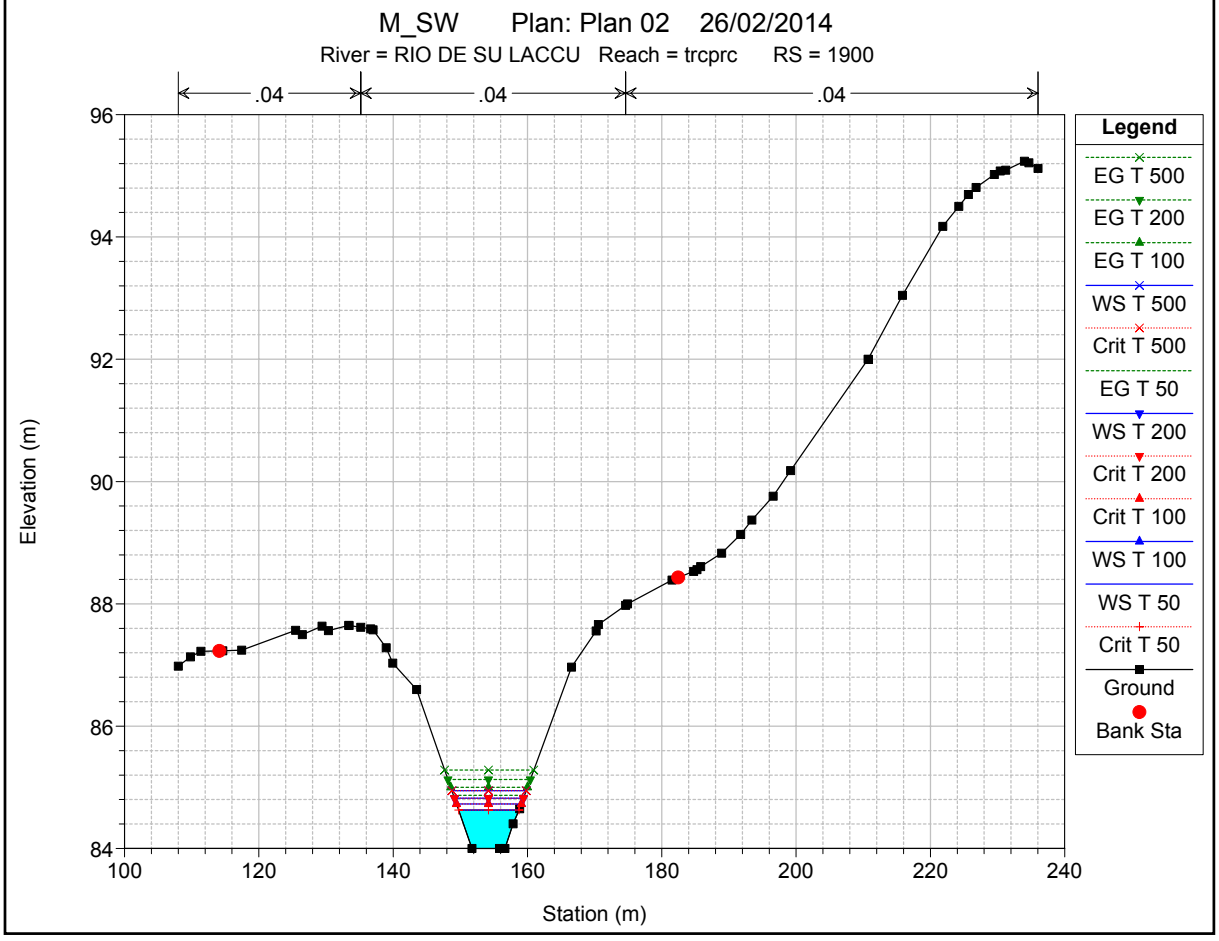

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 2200
.04
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

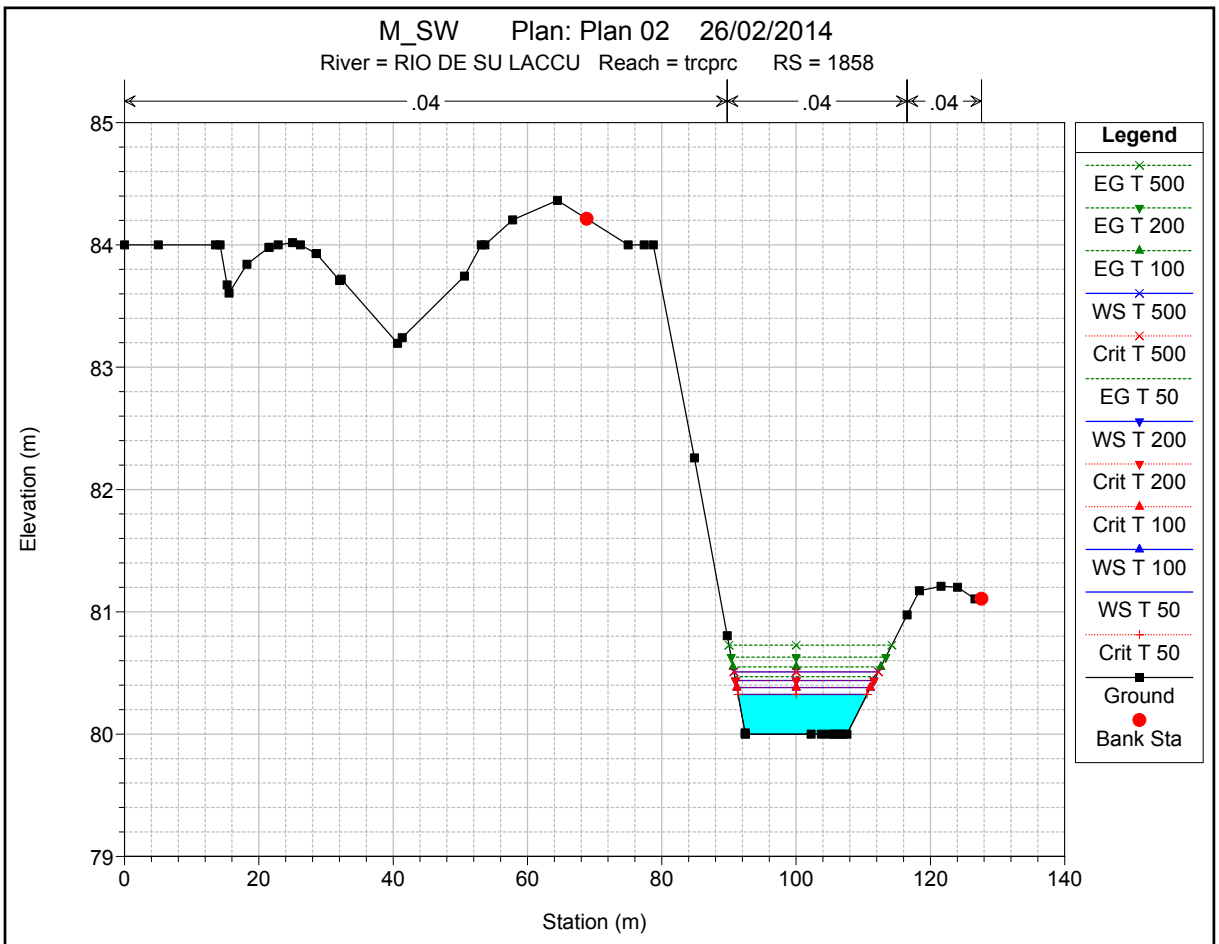

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 2150
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

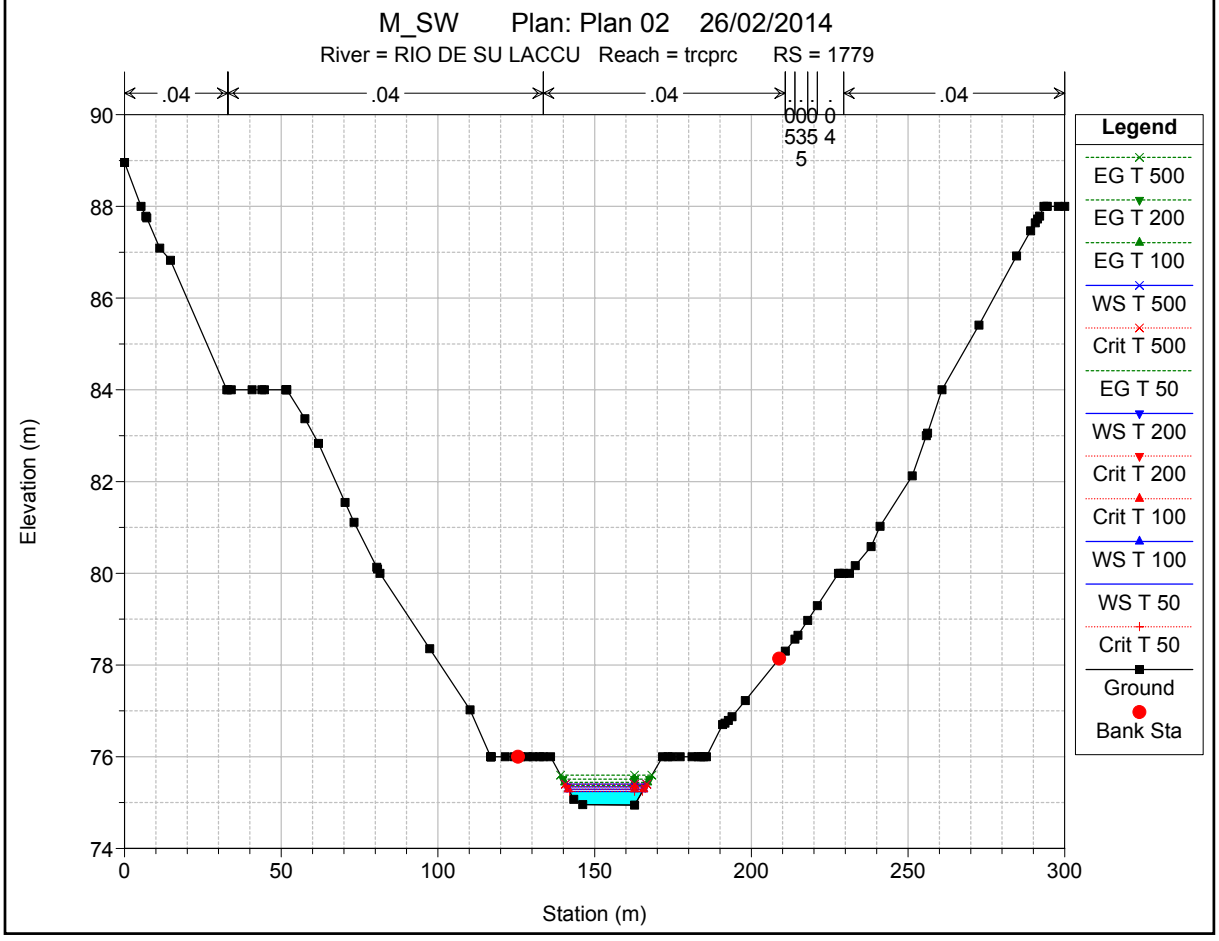

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 2100
.04
.04
.04
.04
.04
Elevation (m)
120
118
116
114
112
110
108
50
100
150
200
250
300
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

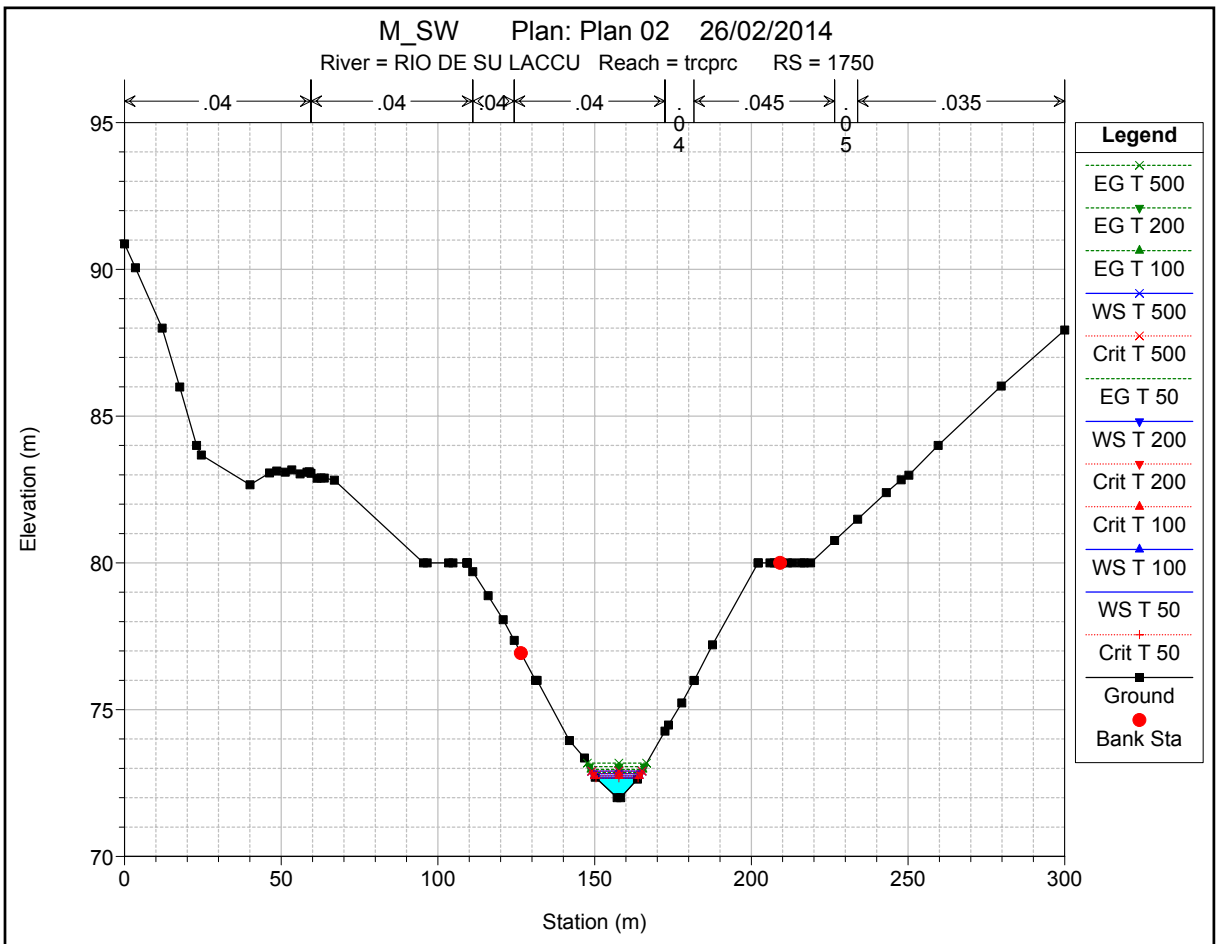

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 2000
.04
.04
.04
Elevation (m)
110
108
106
104
102
100
98
96
0
50
100
150
200
250
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

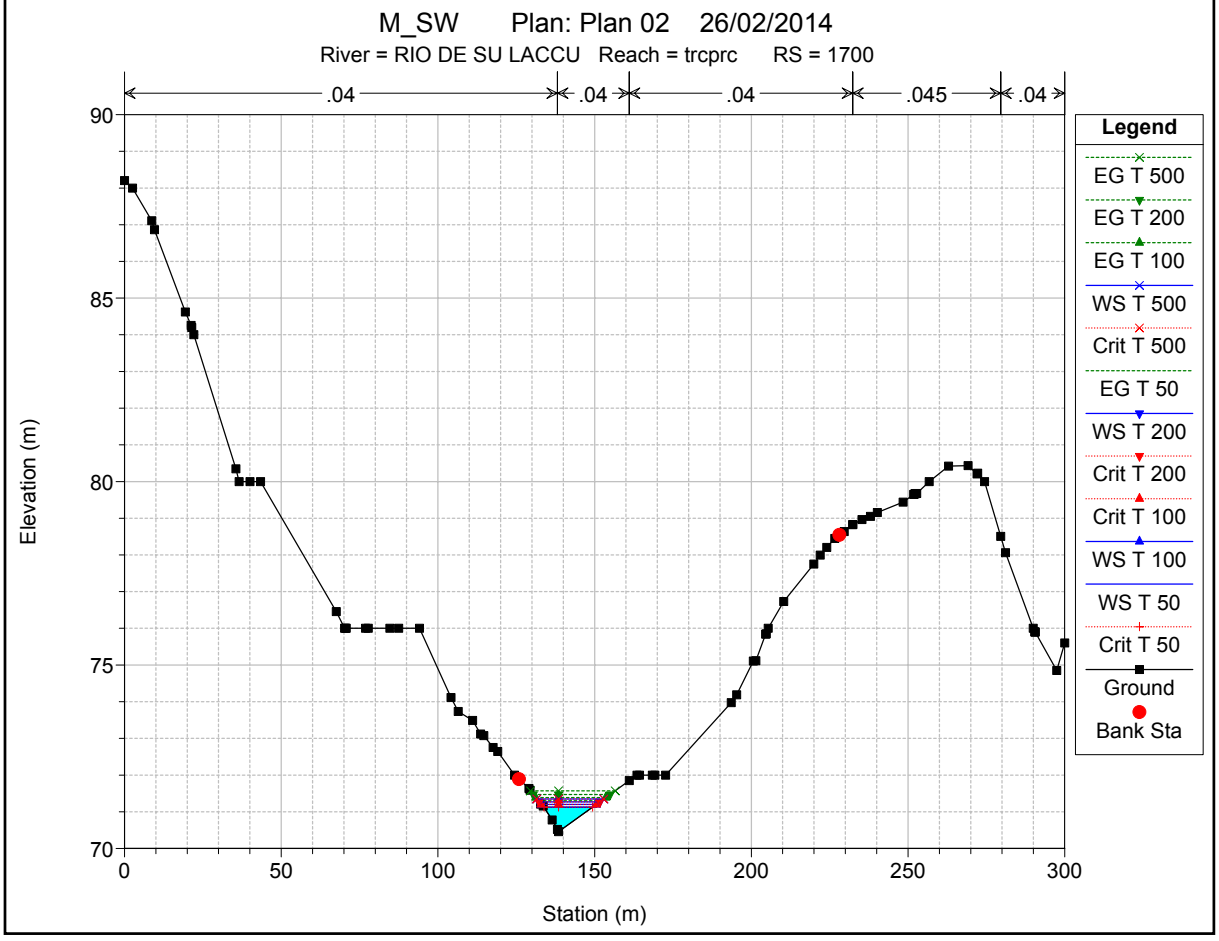

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1950
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

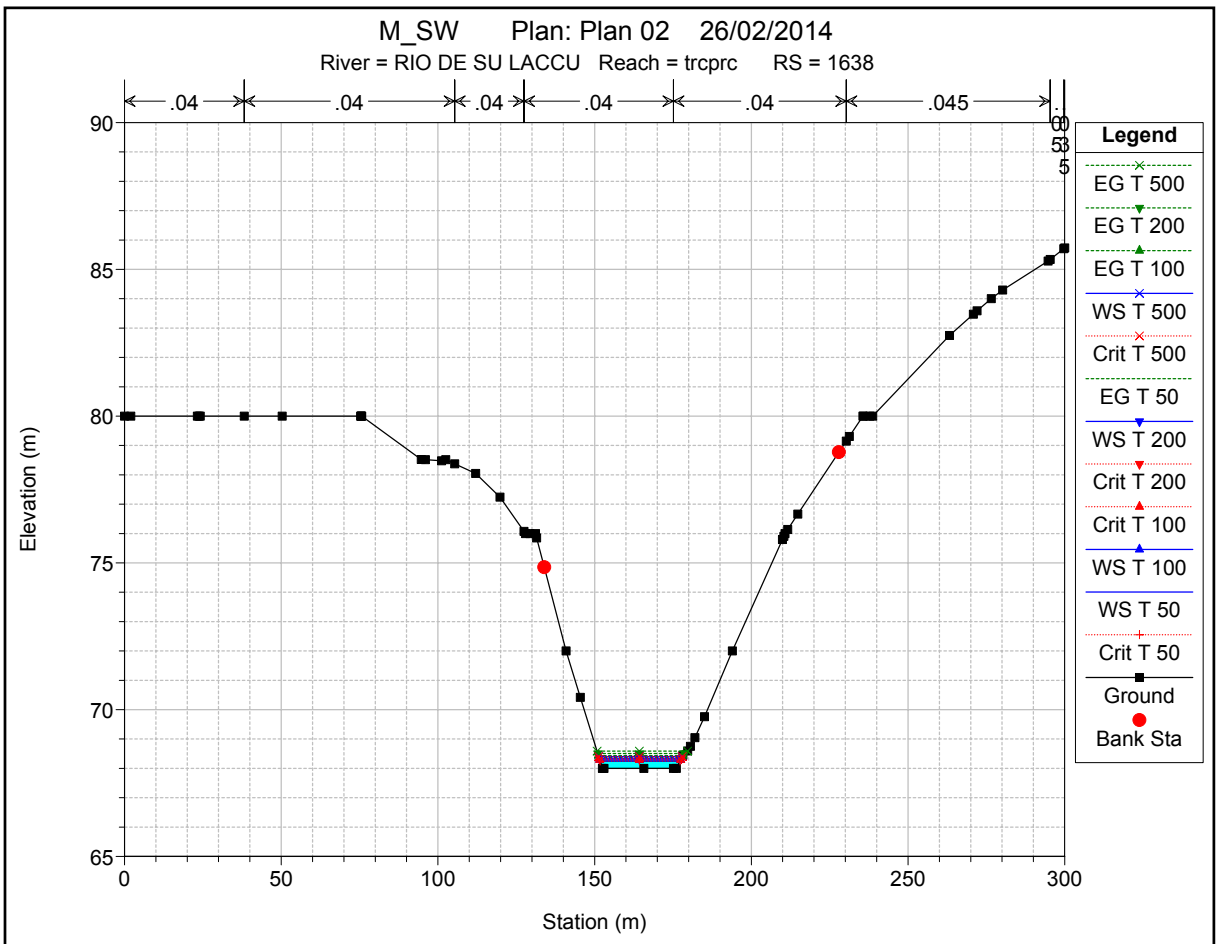

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1900
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

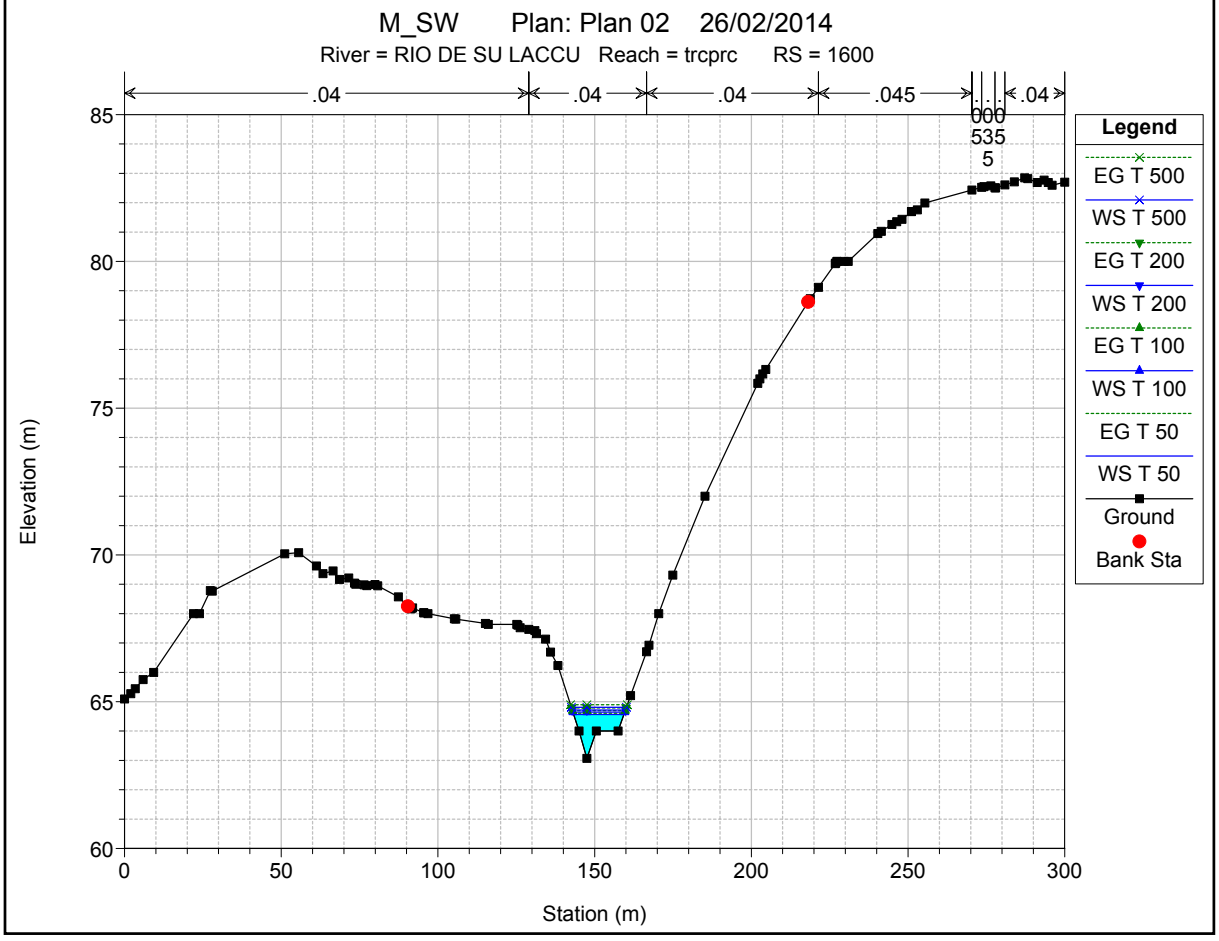

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1858
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

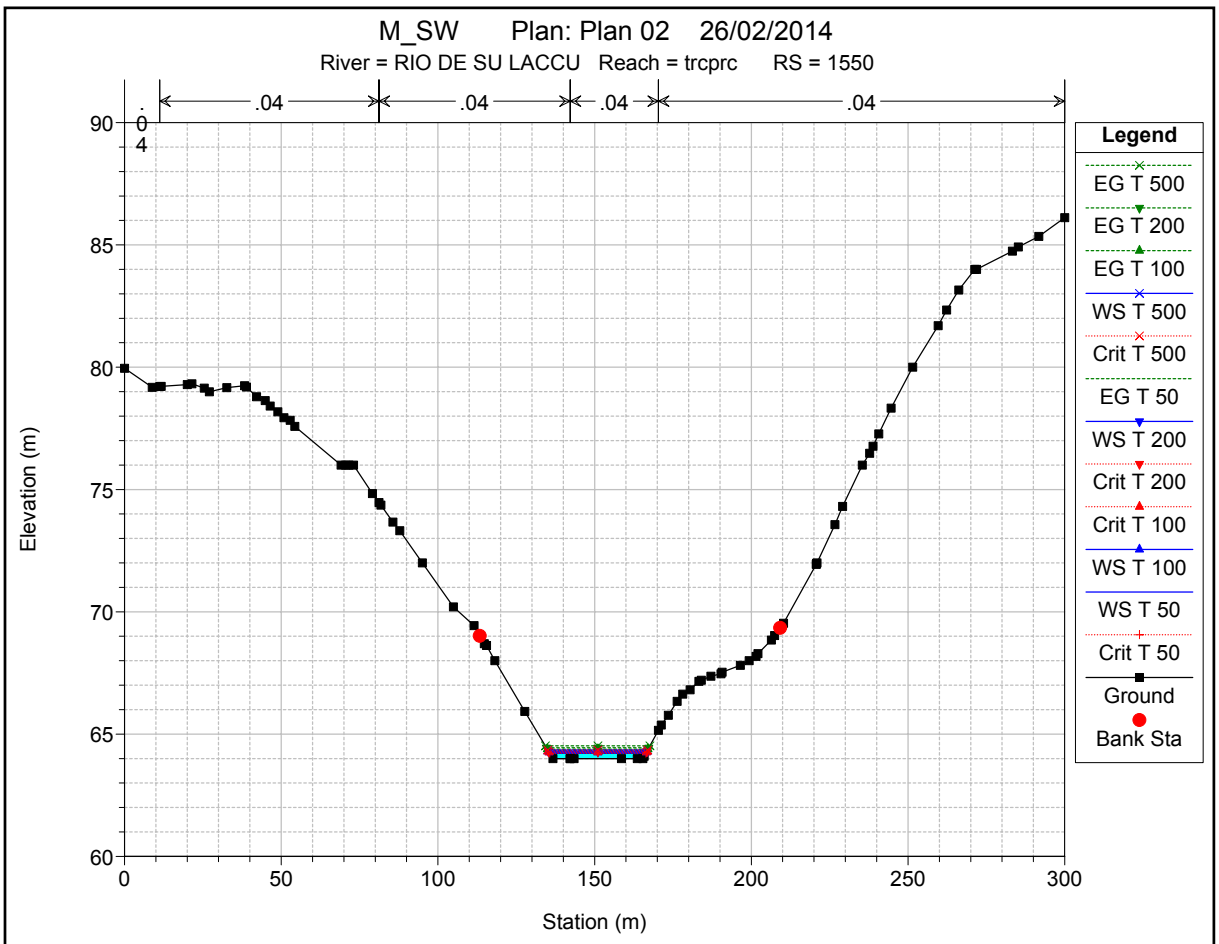

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1779
.04
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

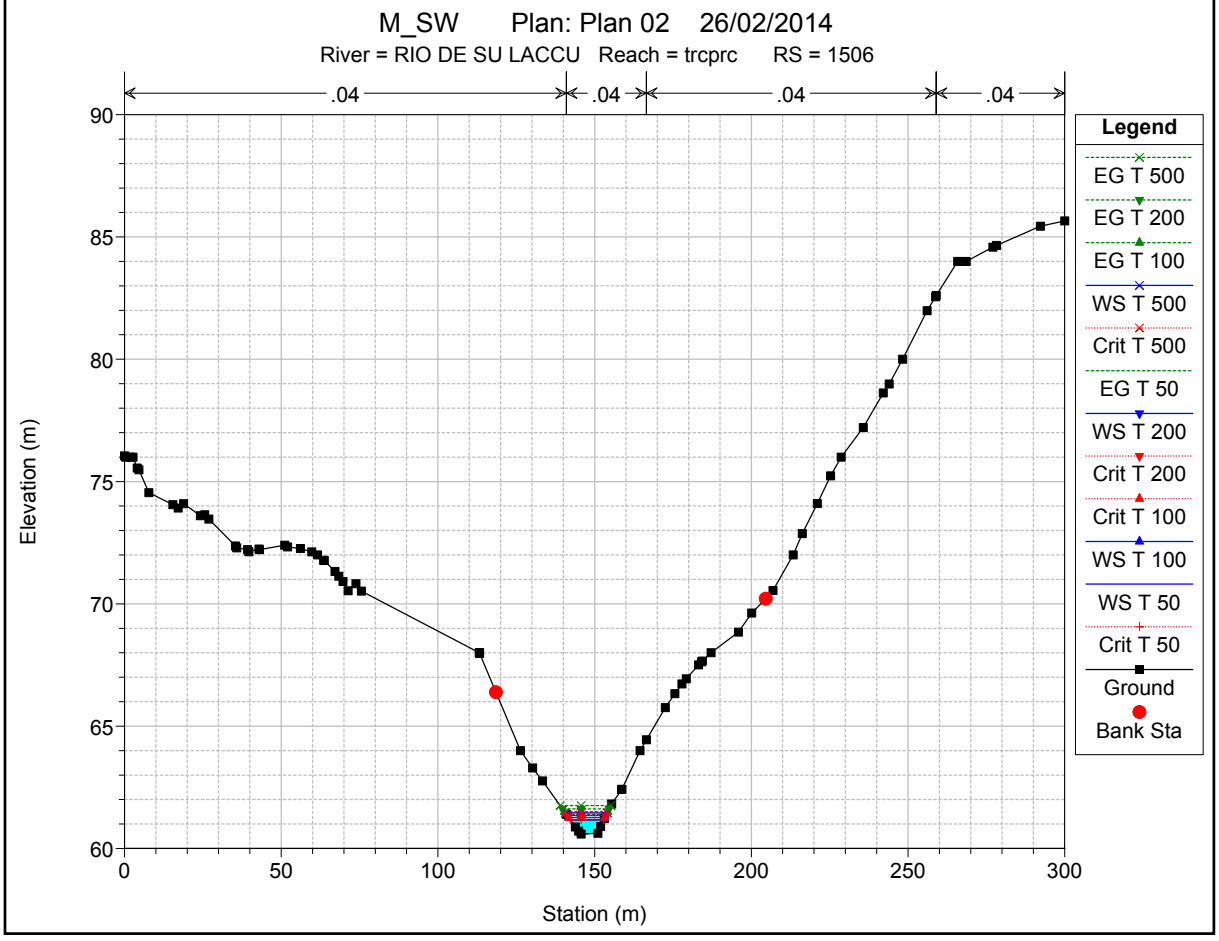

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1750
.04
.04
.04
.04
.045
.035
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

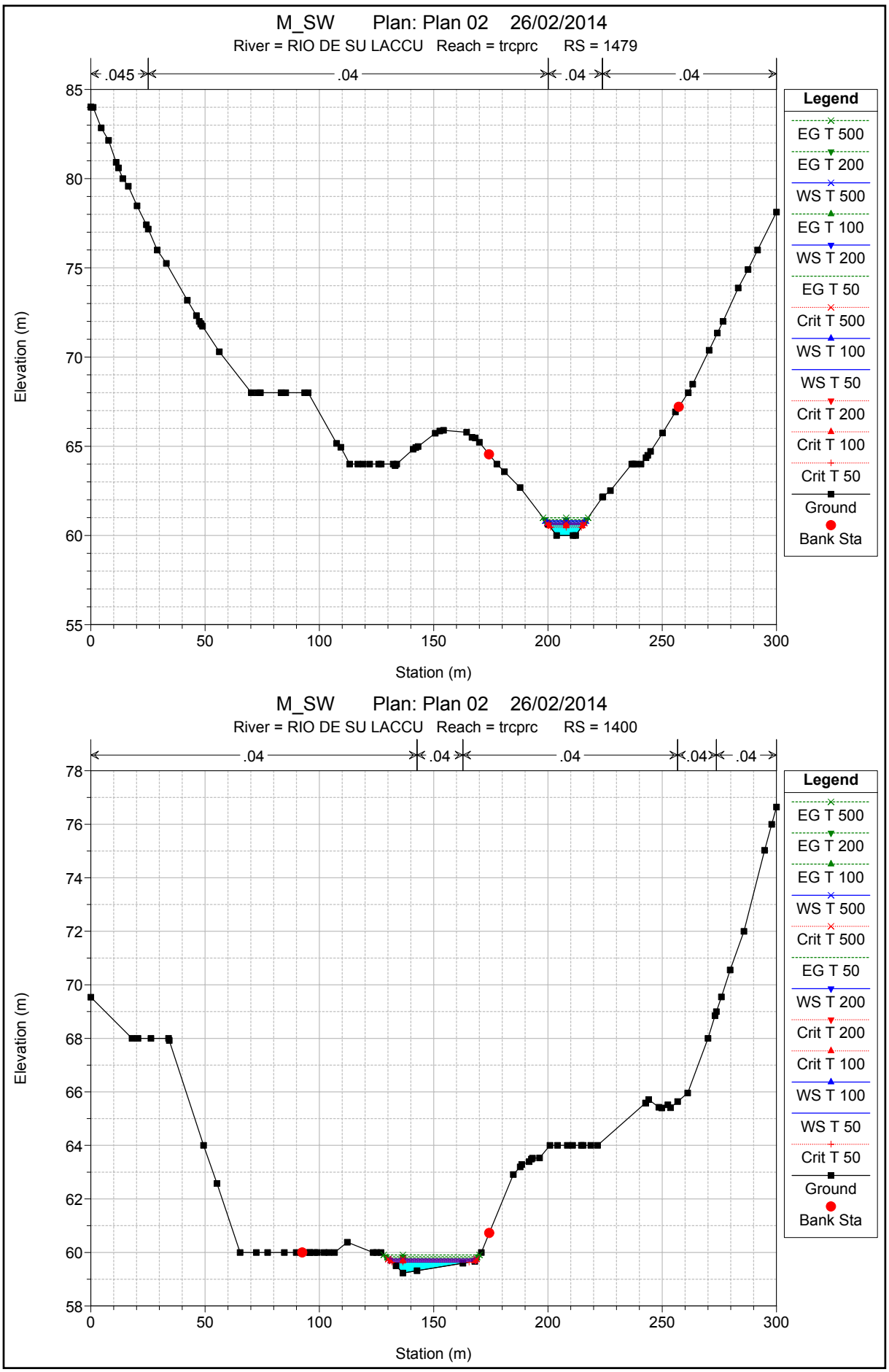

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1700
.04
.04
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

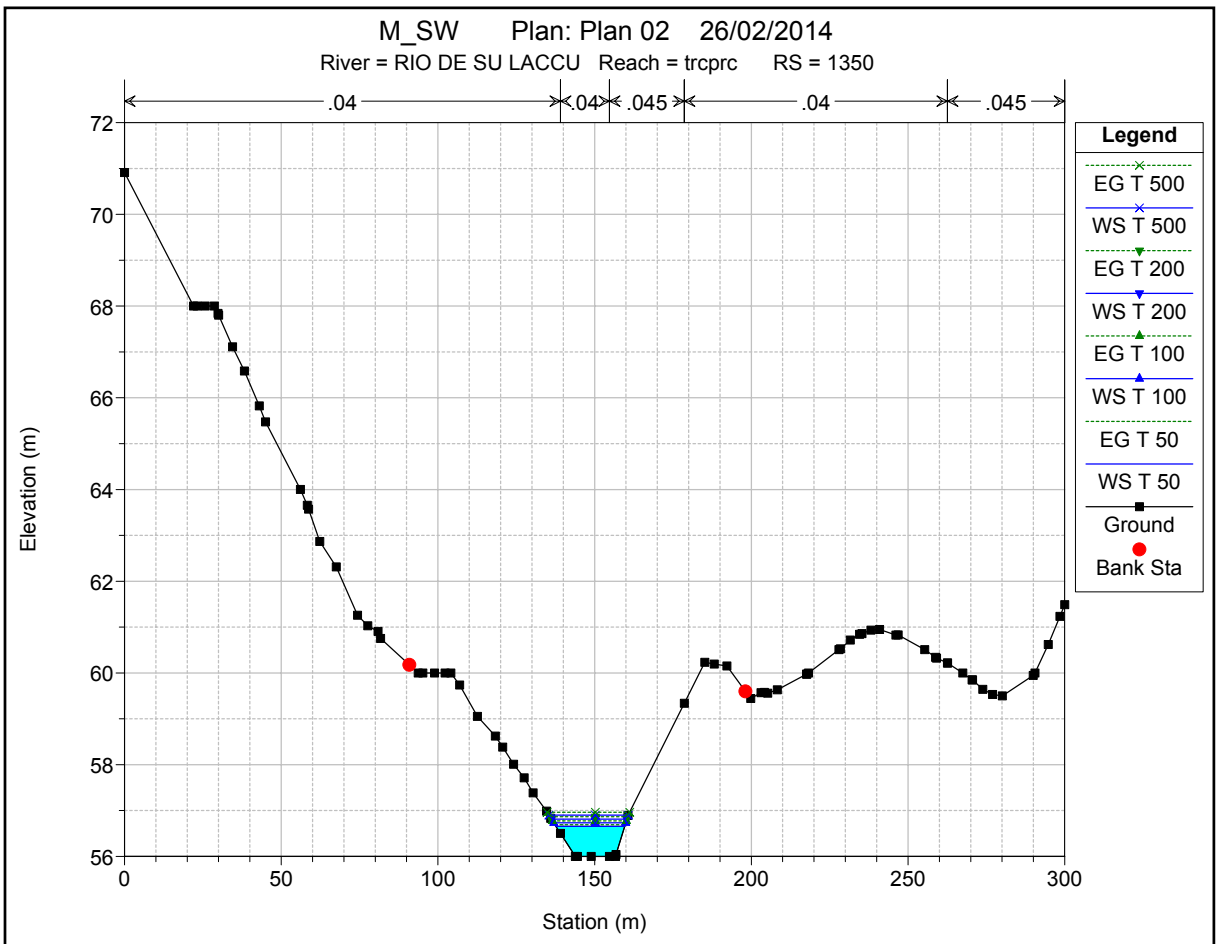

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1638
.04
.04
.04
.04
.04
.045
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)

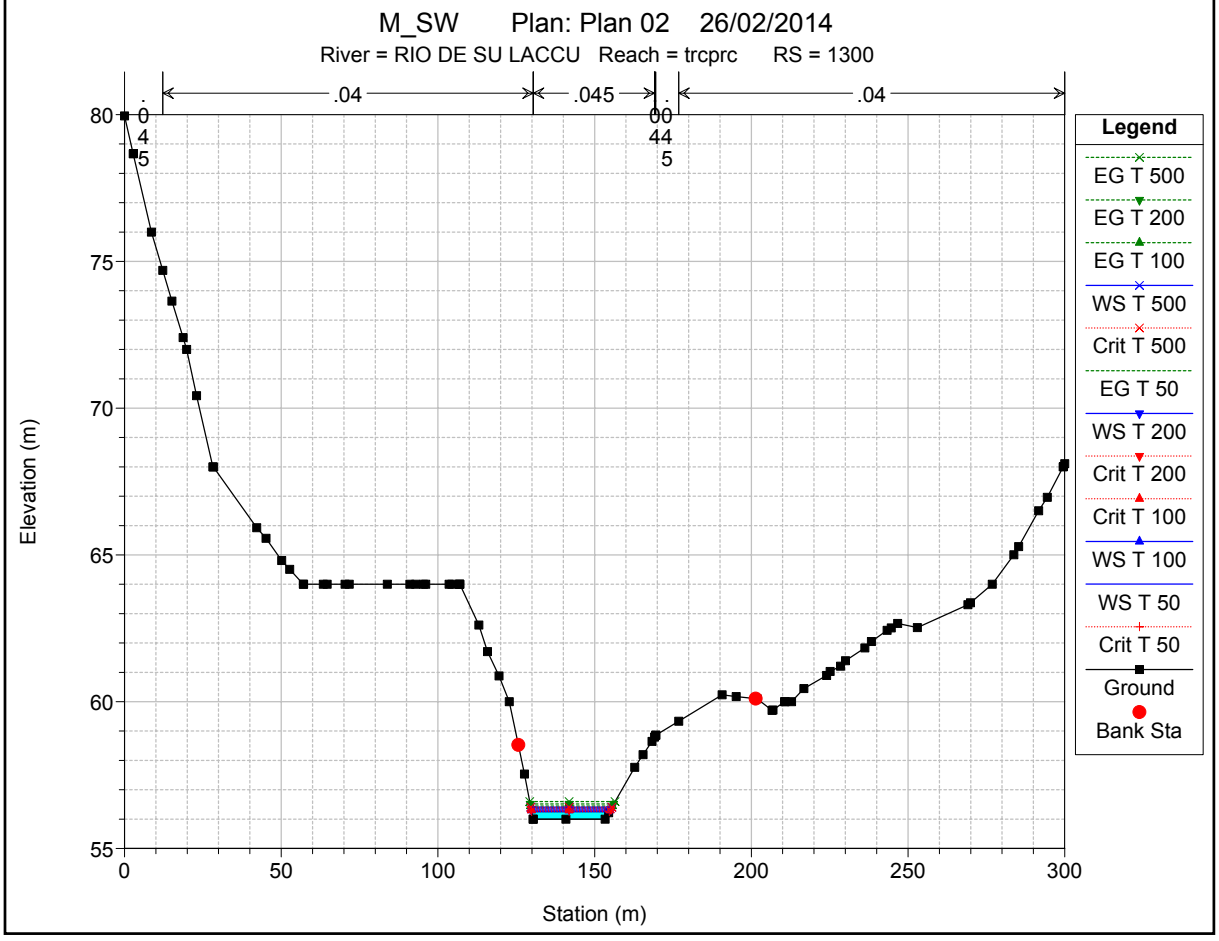

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1600
.04
.04
.04
.045
.04
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)

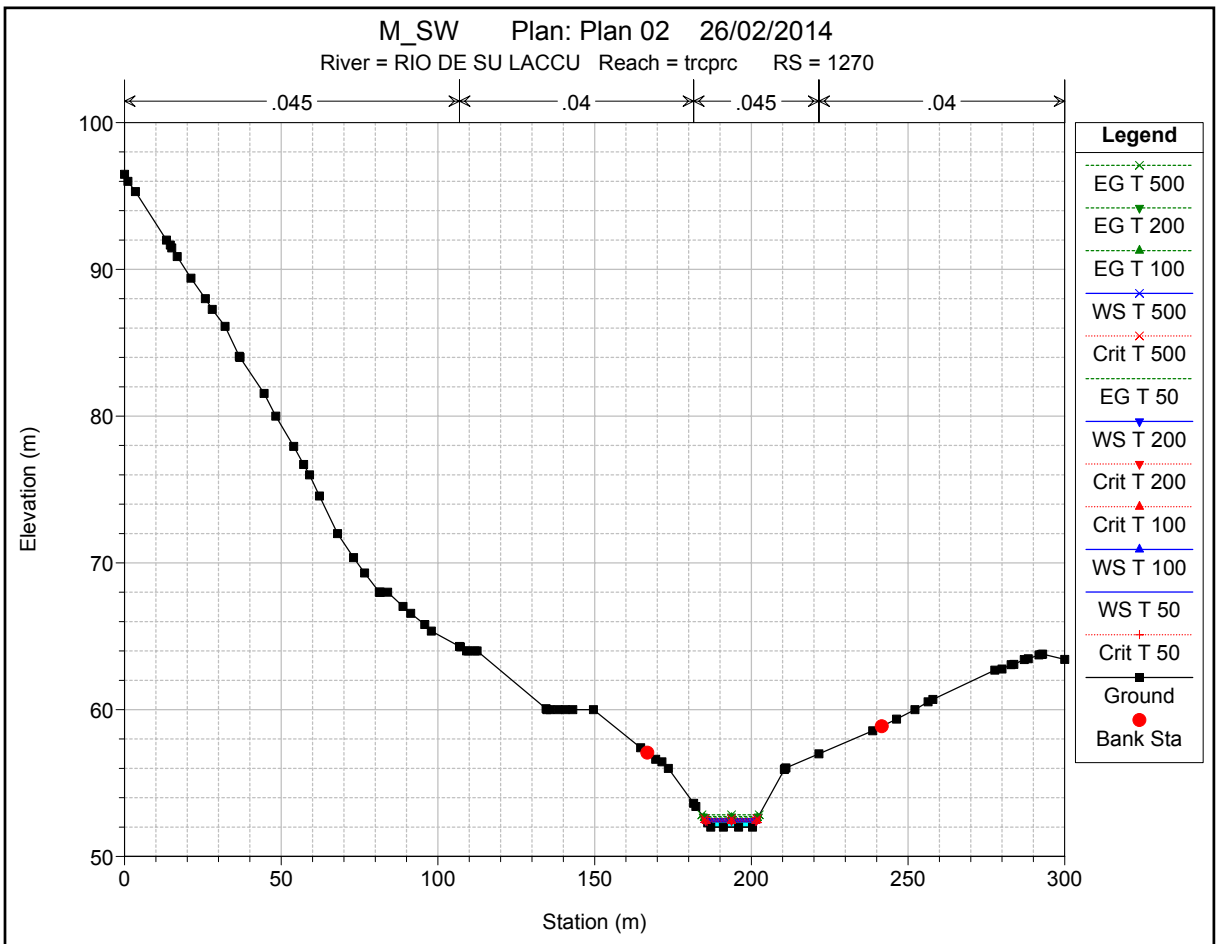

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1550
.04
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

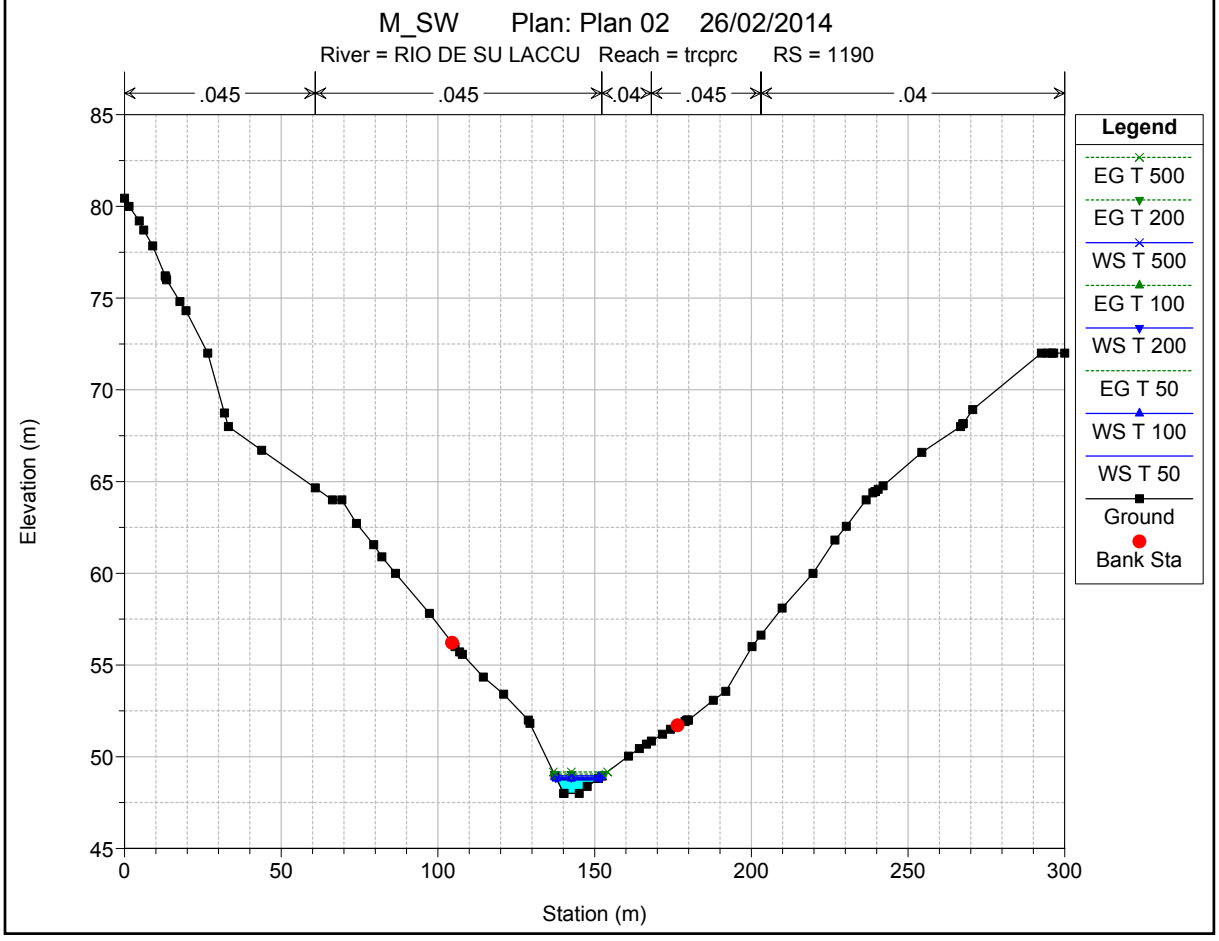

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1506
.04
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

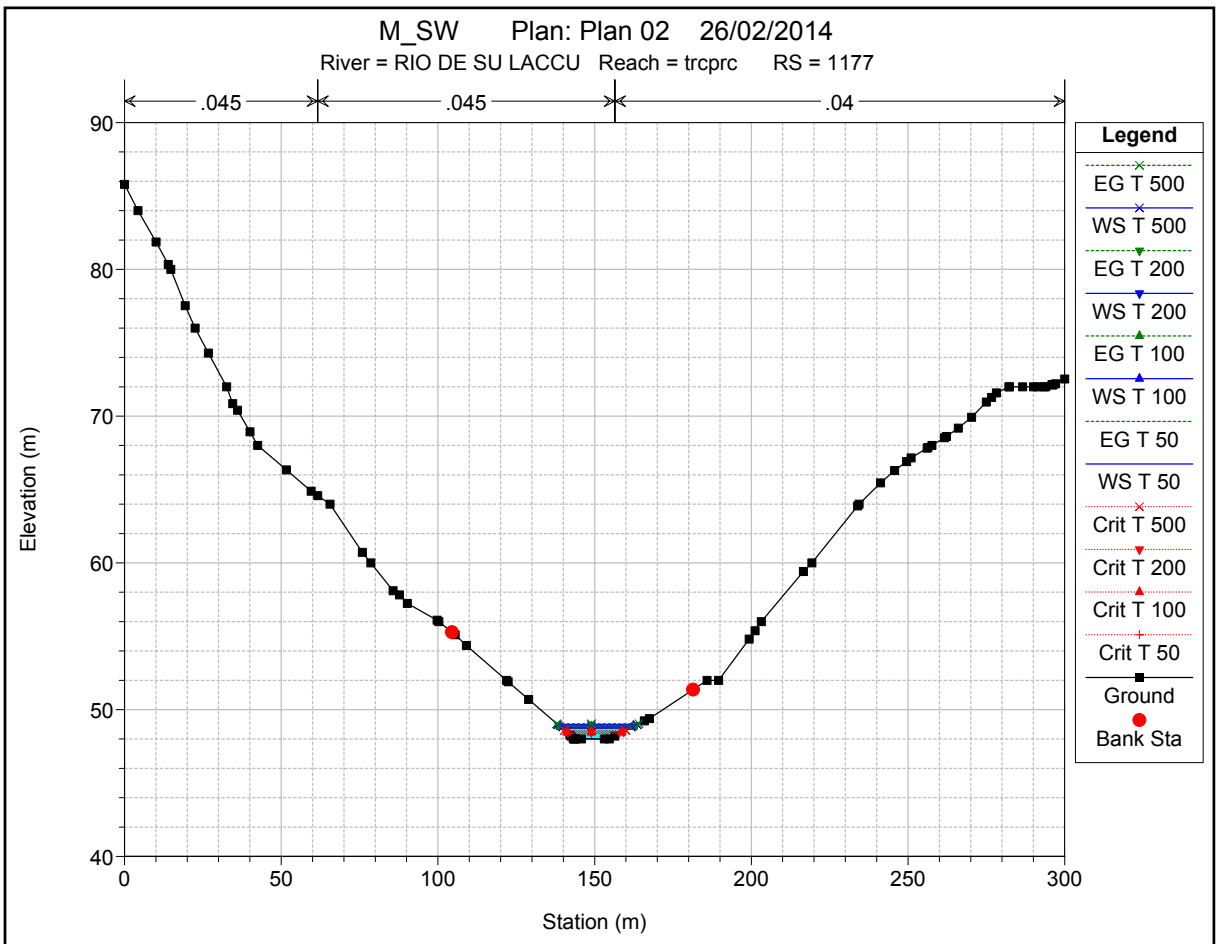

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1479
.045
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
WS T 500
EG T 100
WS T 200
EG T 50
Crit T 500
WS T 100
WS T 50
Crit T 200
Crit T 100
Crit T 50
Ground
Bank Sta
M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1400
.04
.04
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

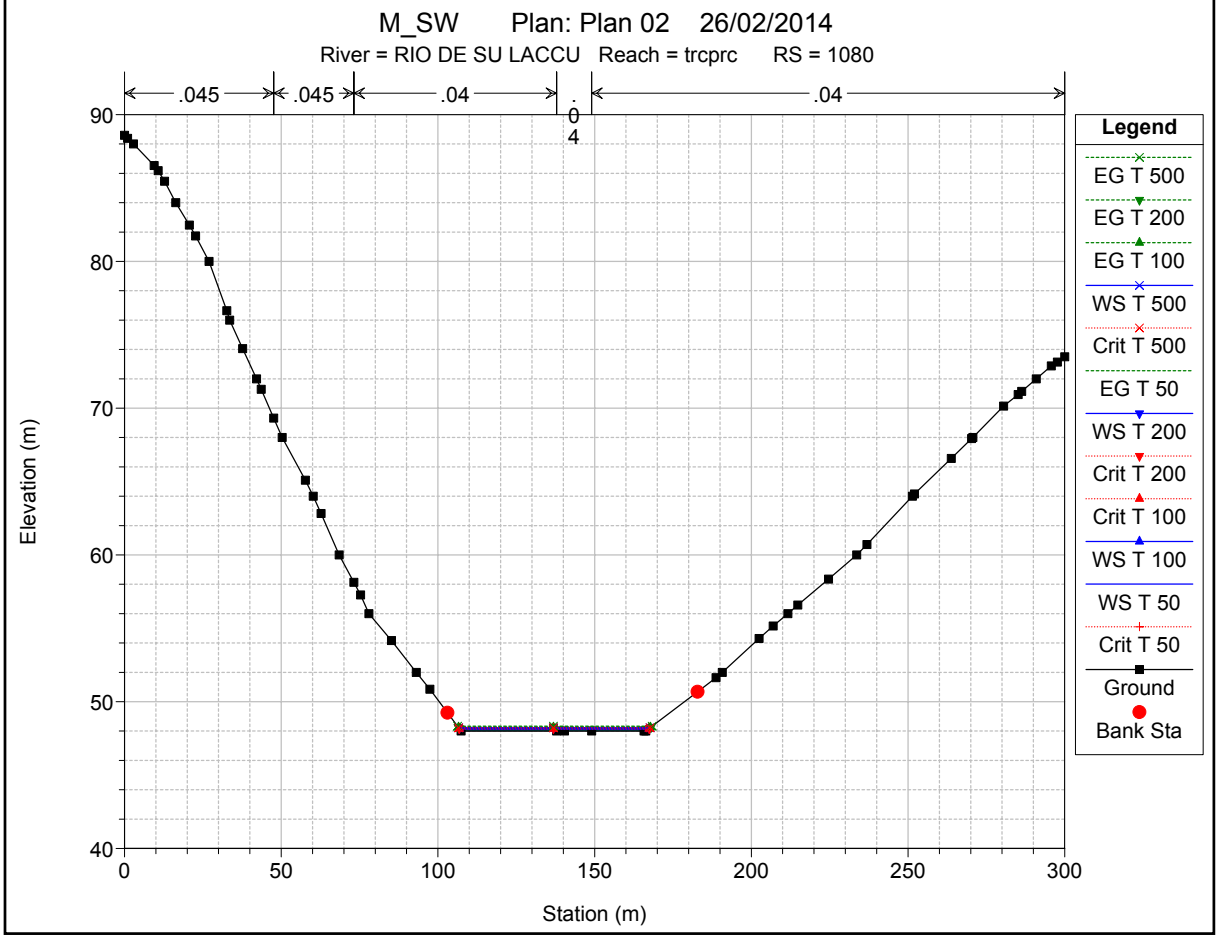

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1350
.04
.04
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

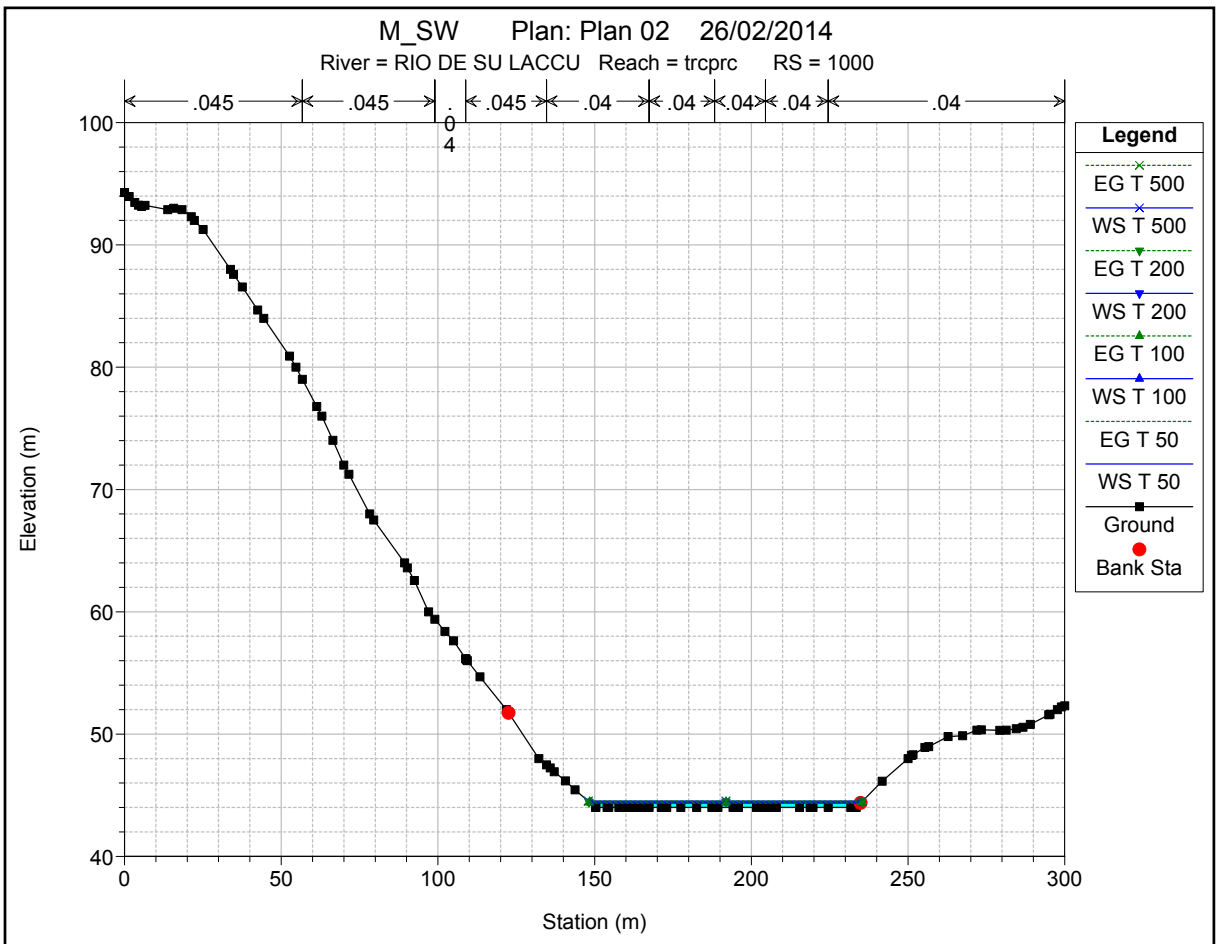

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1300
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

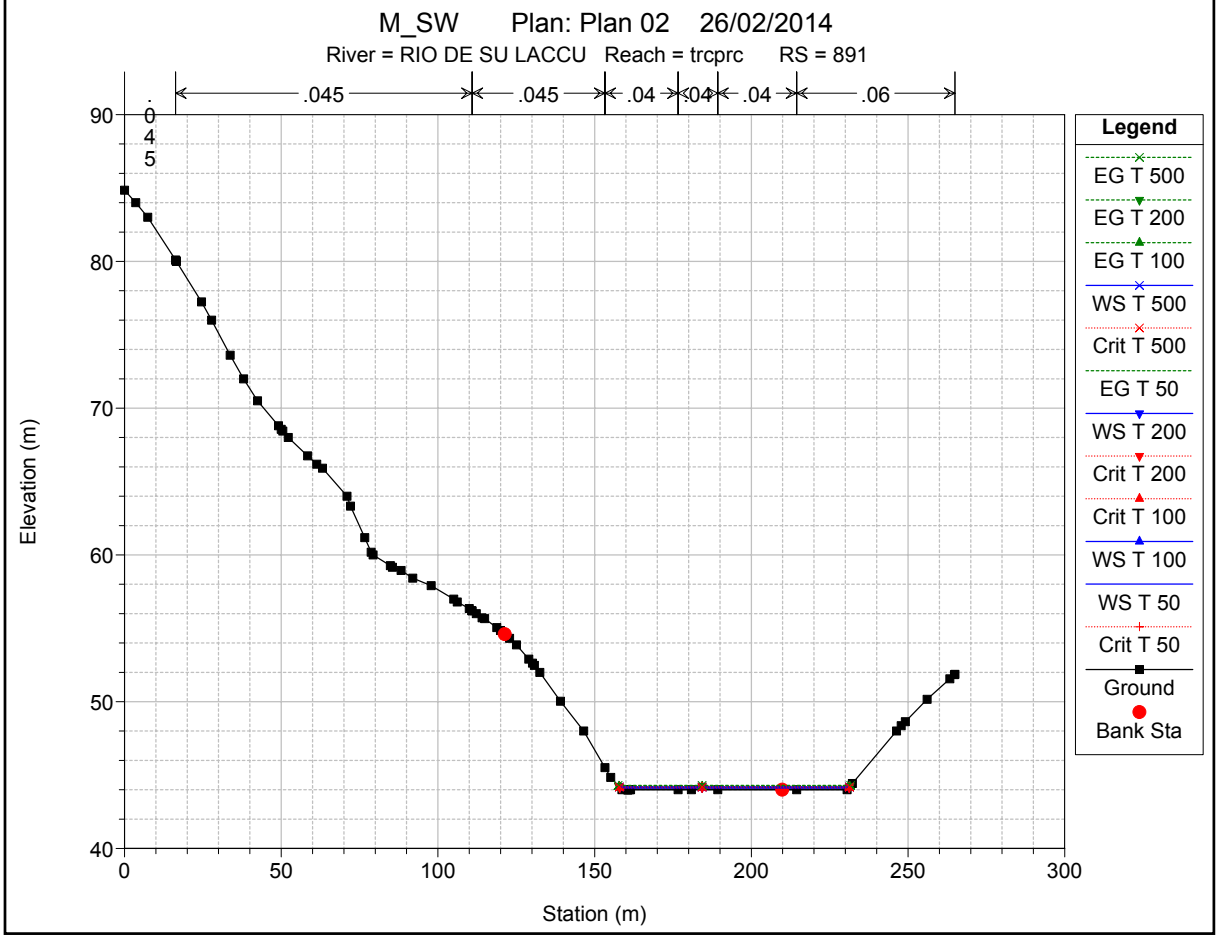

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1270
.045
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

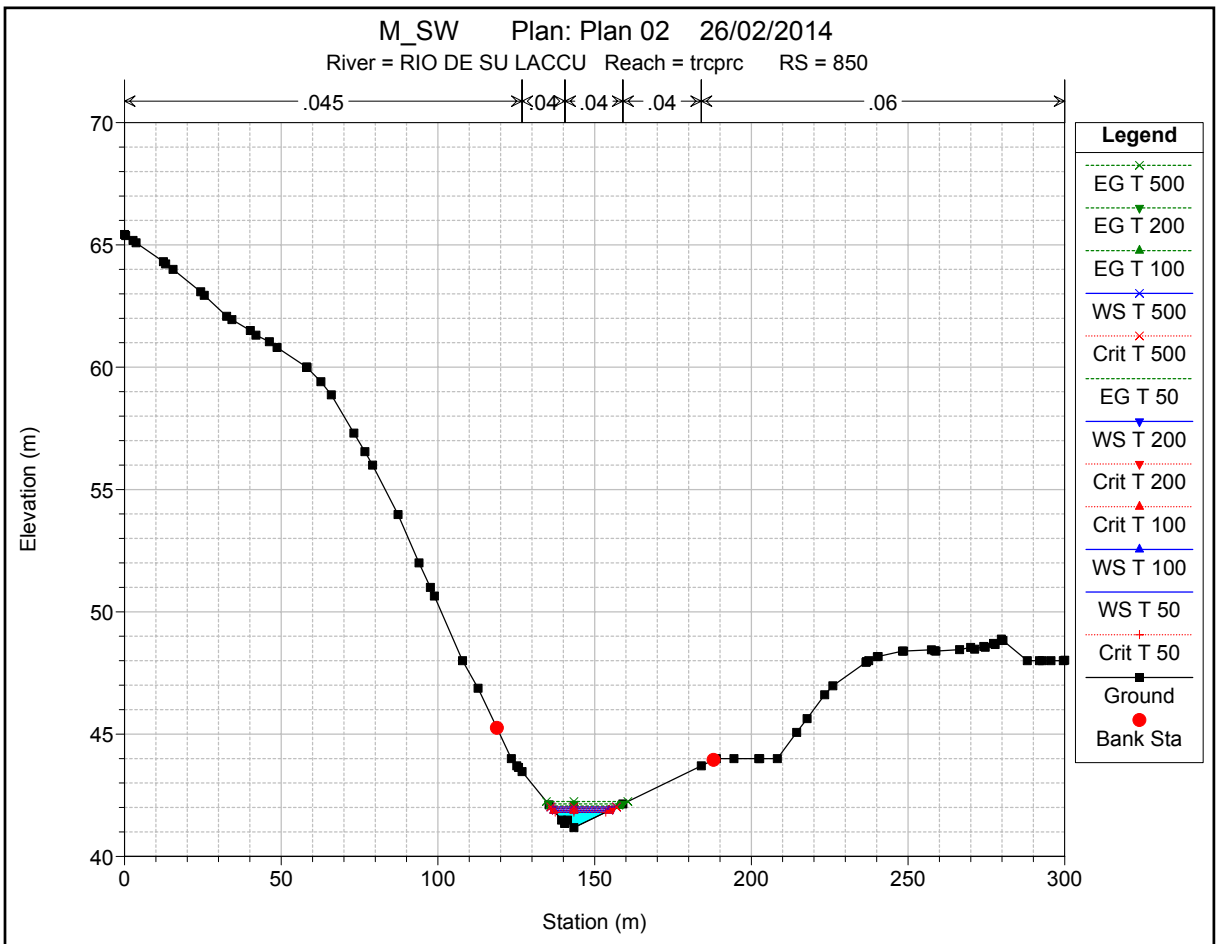

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1190
.045
.045
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
WS T 500
EG T 100
WS T 200
EG T 50
WS T 100
WS T 50
Ground
Bank Sta

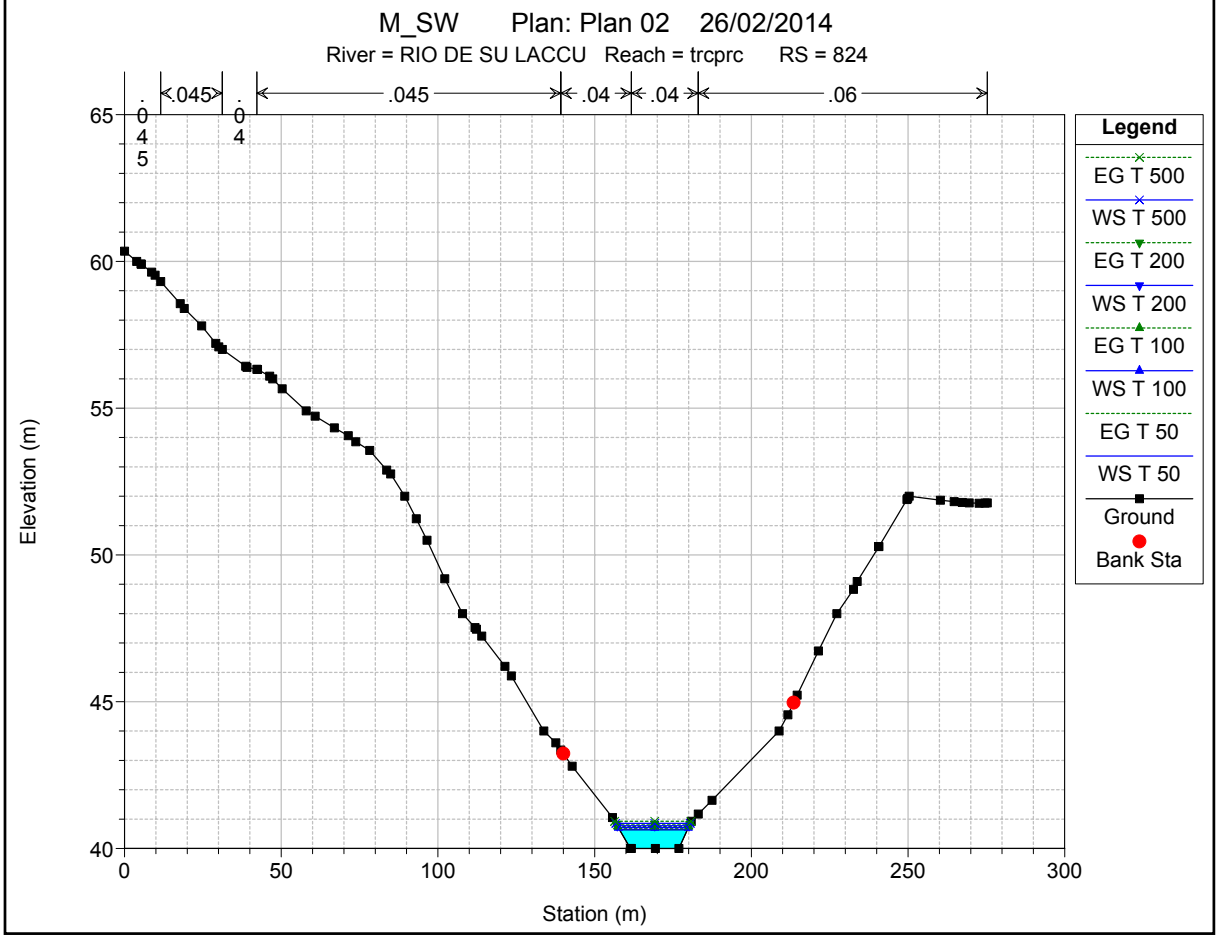

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1177
.045
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Crit T 500
Crit T 200
Crit T 100
Crit T 50
Ground
Bank Sta

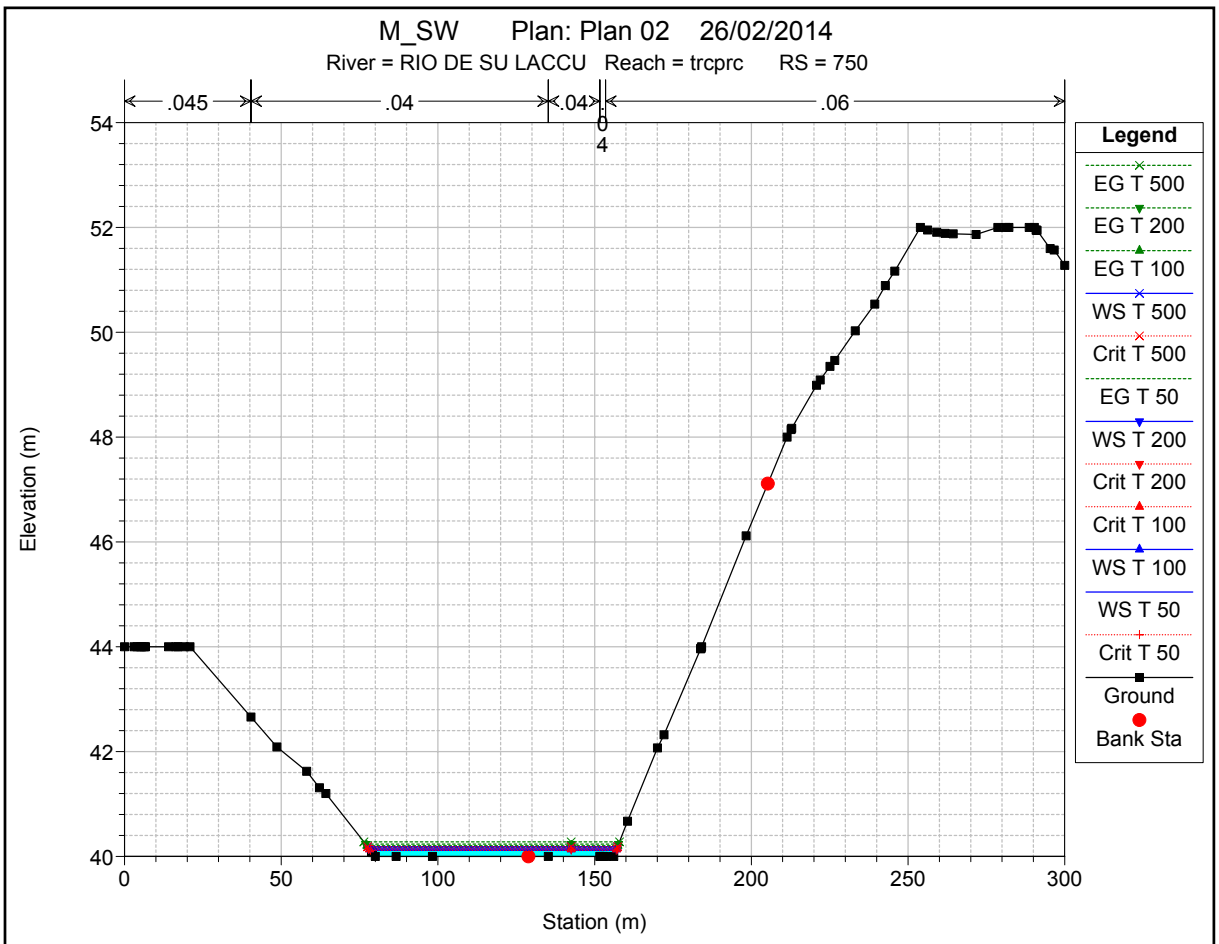

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1080
.045
.045
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

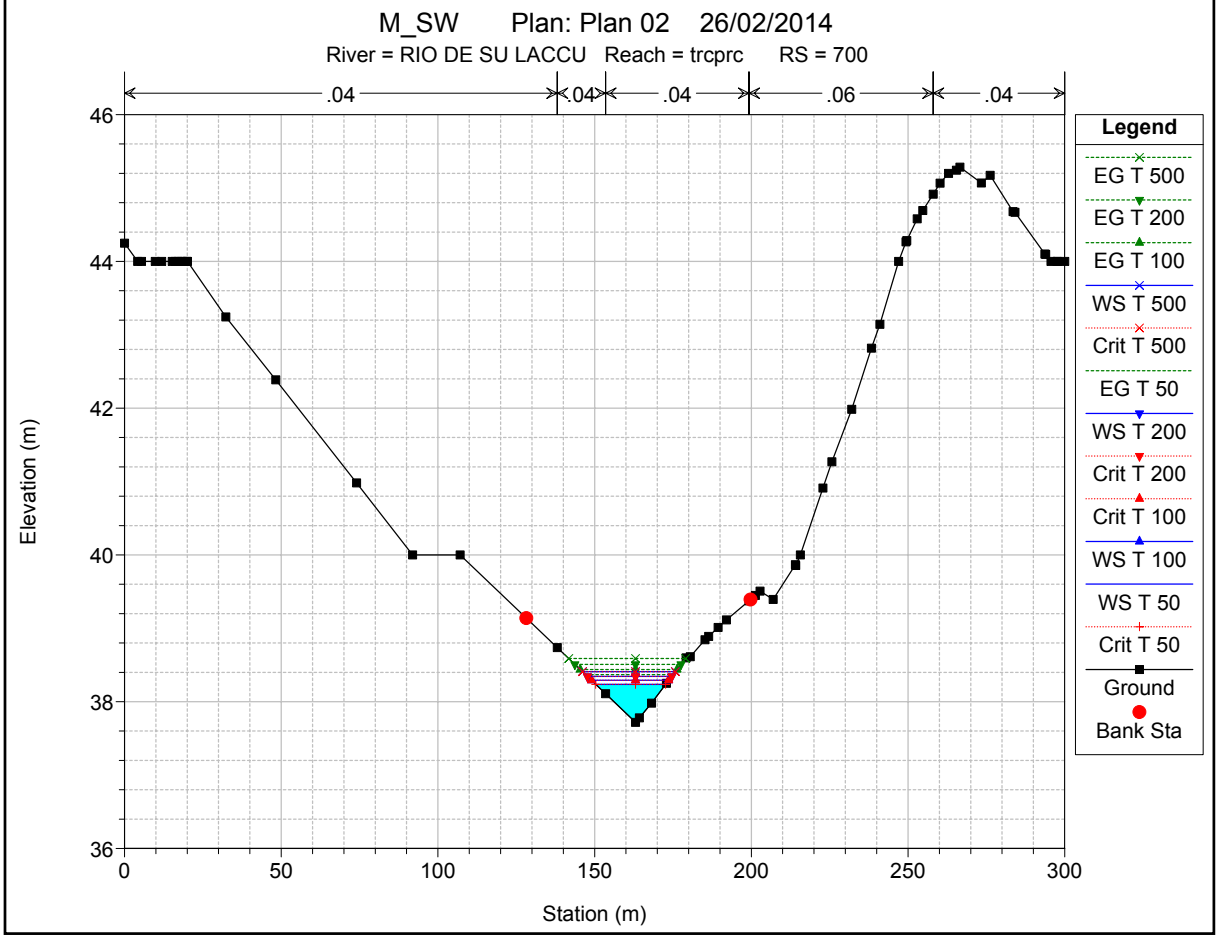

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 1000
.045
.045
.04
.045
.04
.04
.04
.04
.04
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)

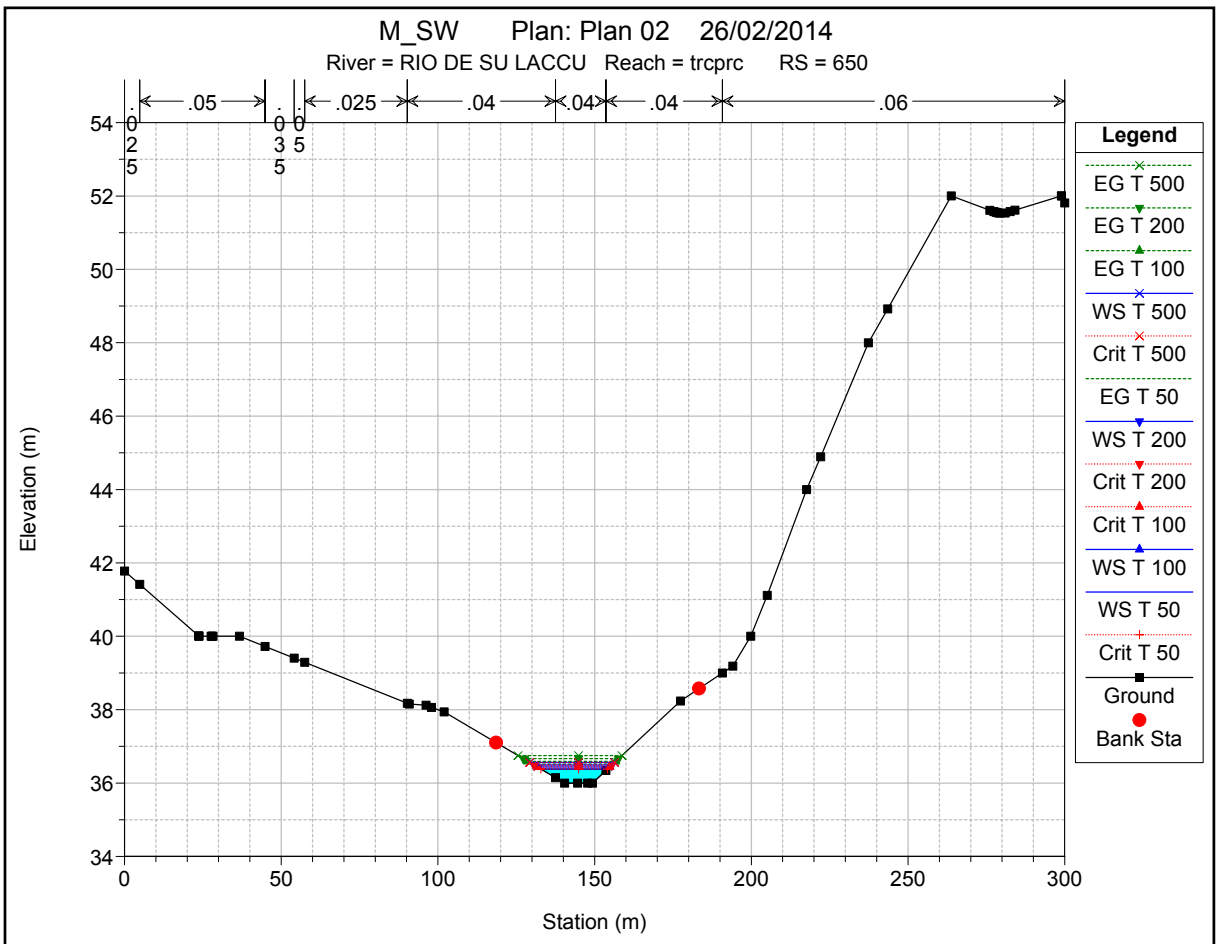

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 891
.045
.045
.04
.04
.04
.06
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)

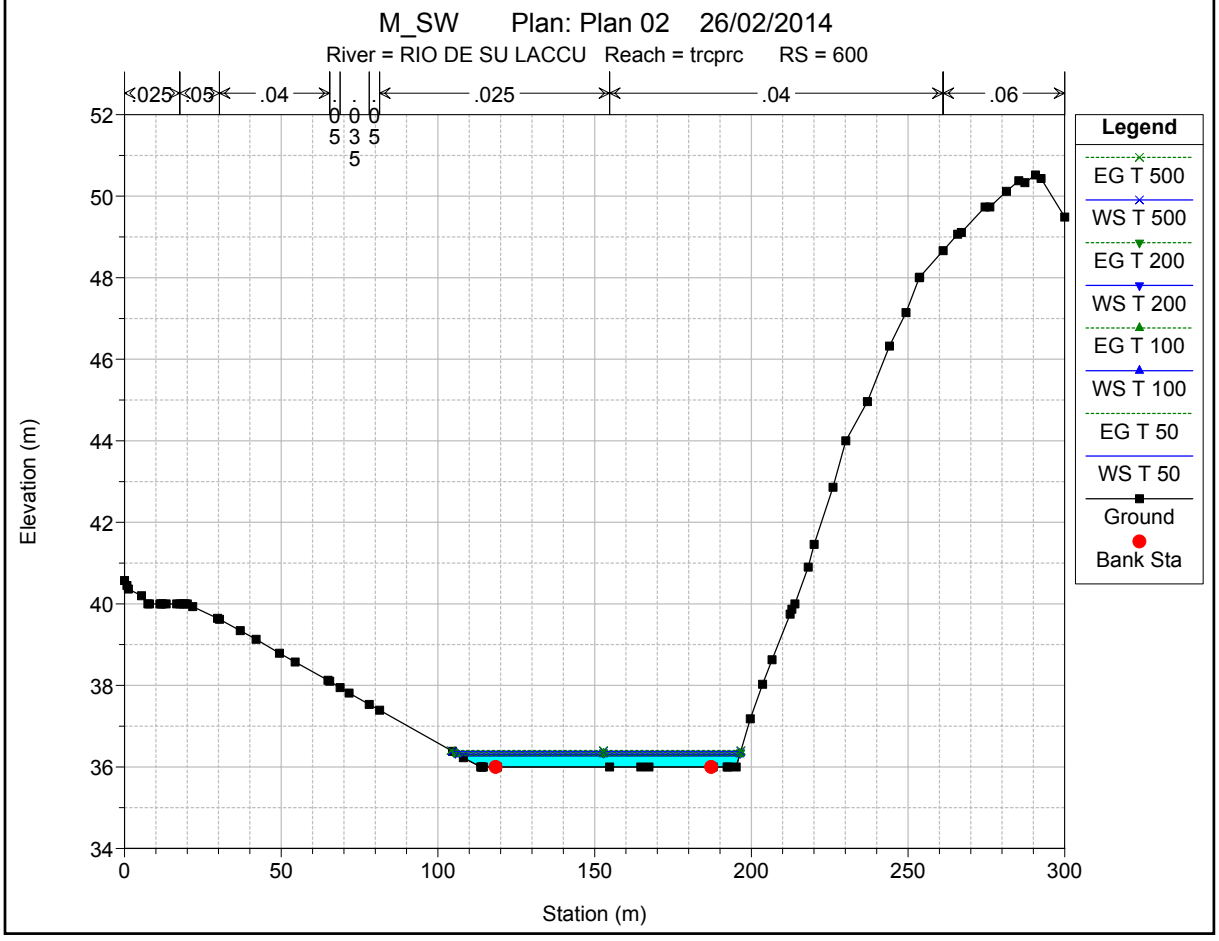

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 850
.045
.04
.04
.04
.06
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

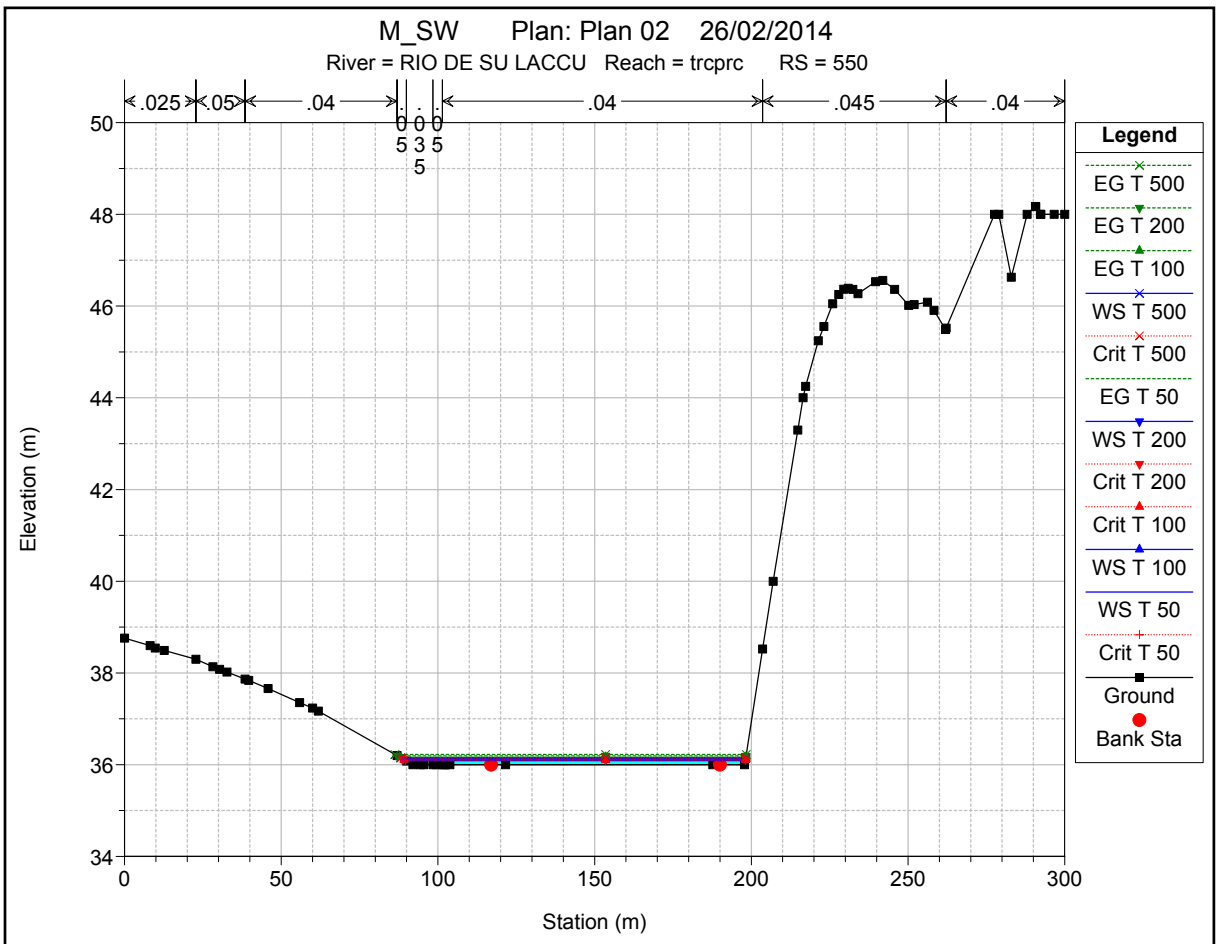

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 824
.045
.045
.04
.04
.06
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

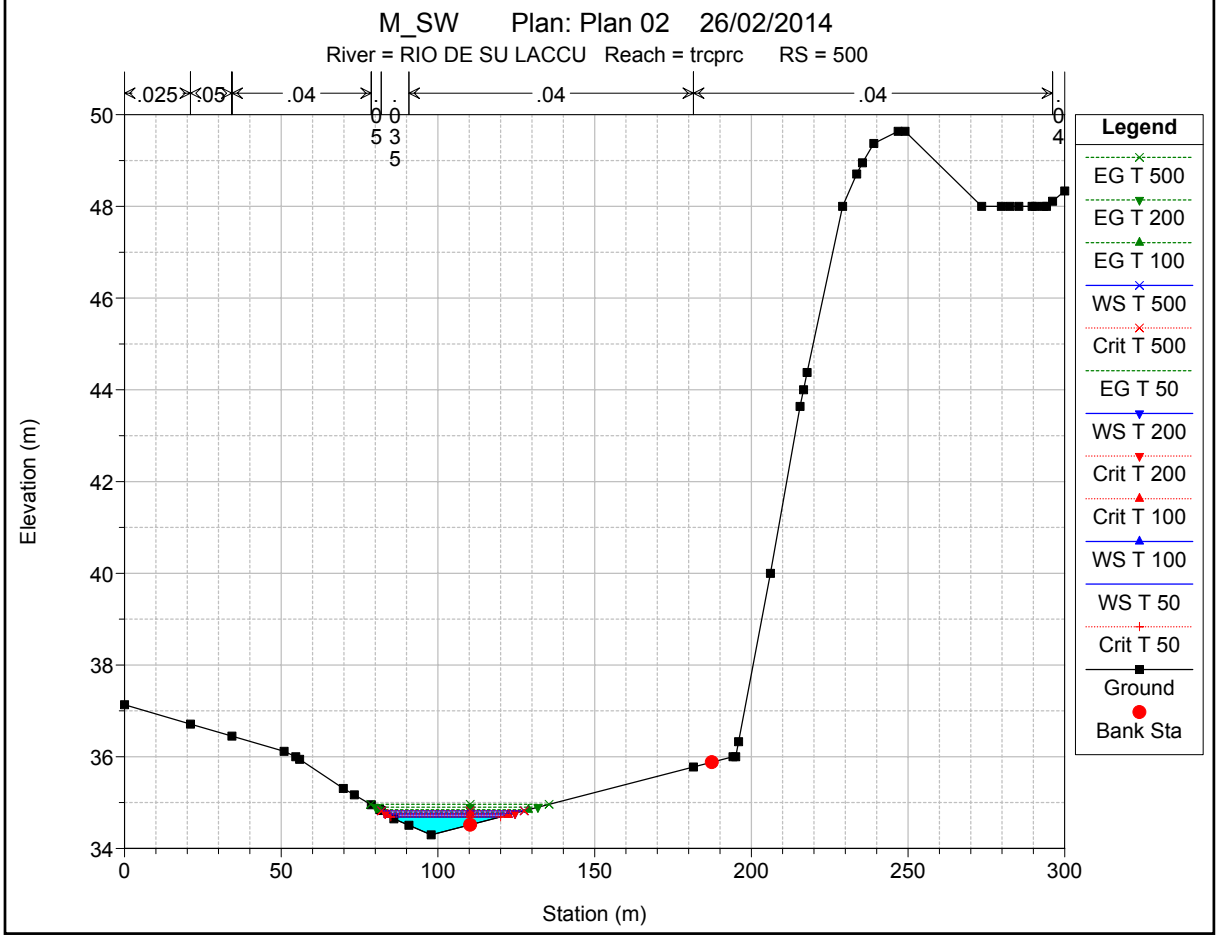

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 750
.045
.04
.04
.06
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

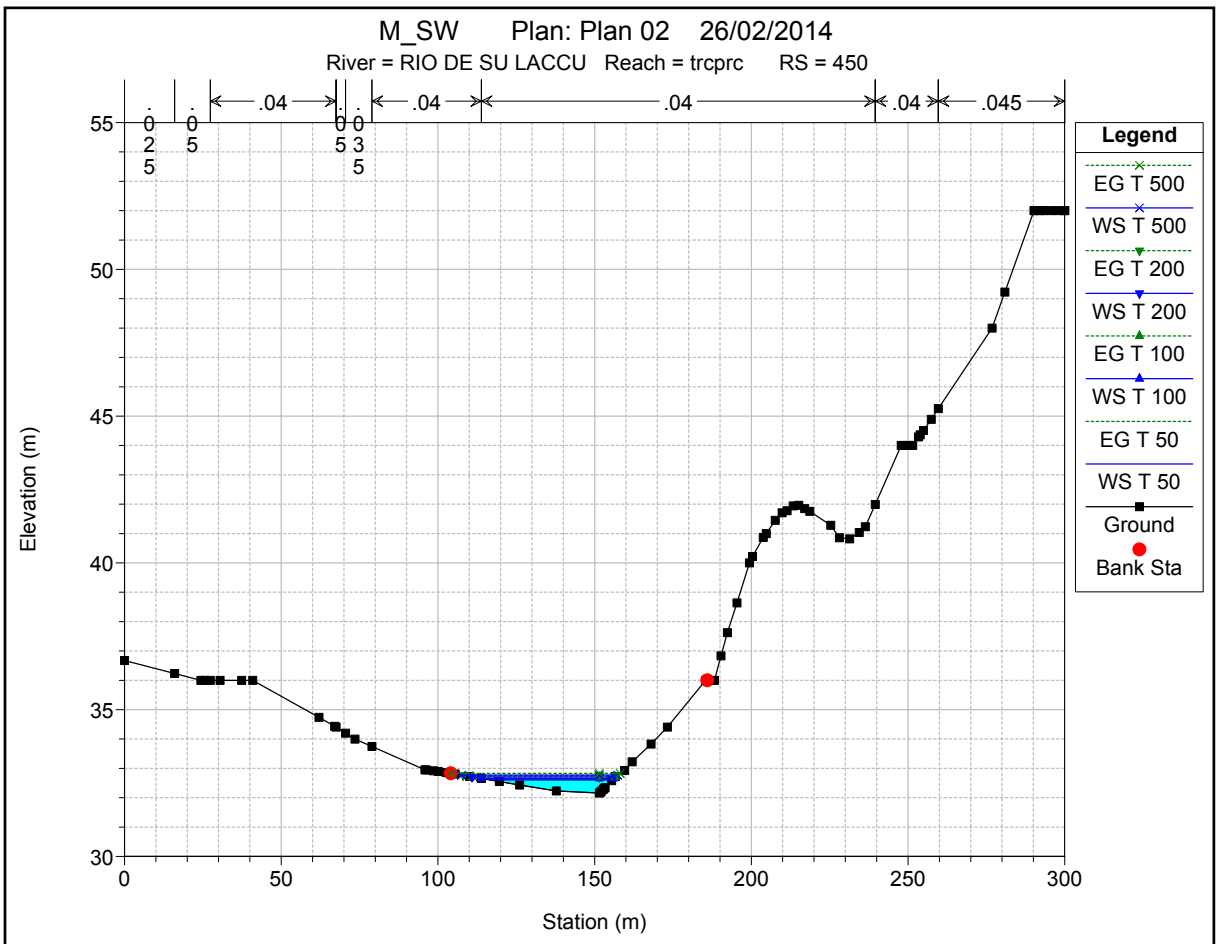

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 700
.04
.04
.04
.06
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

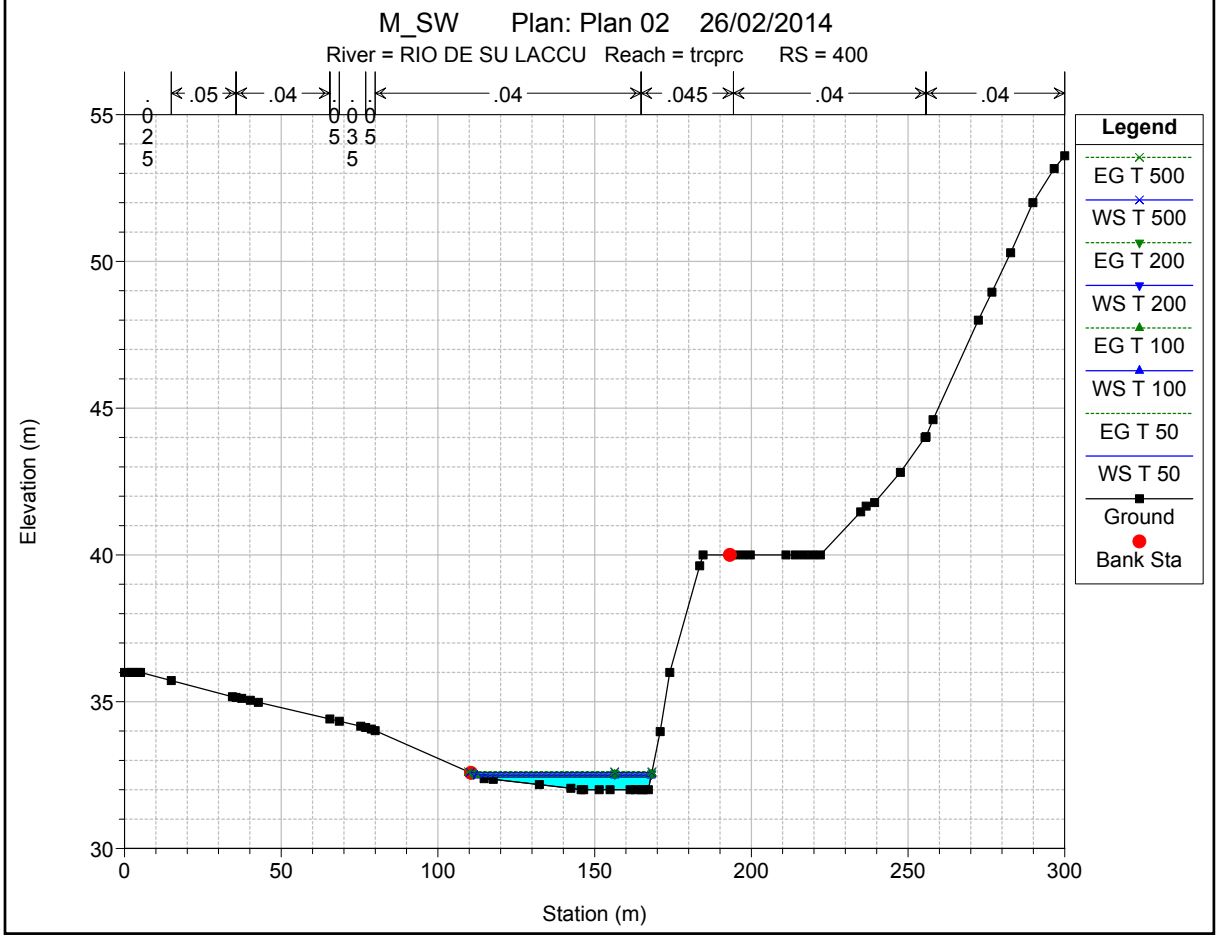

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 650
.05
.025
.04
.04
.04
.06
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)

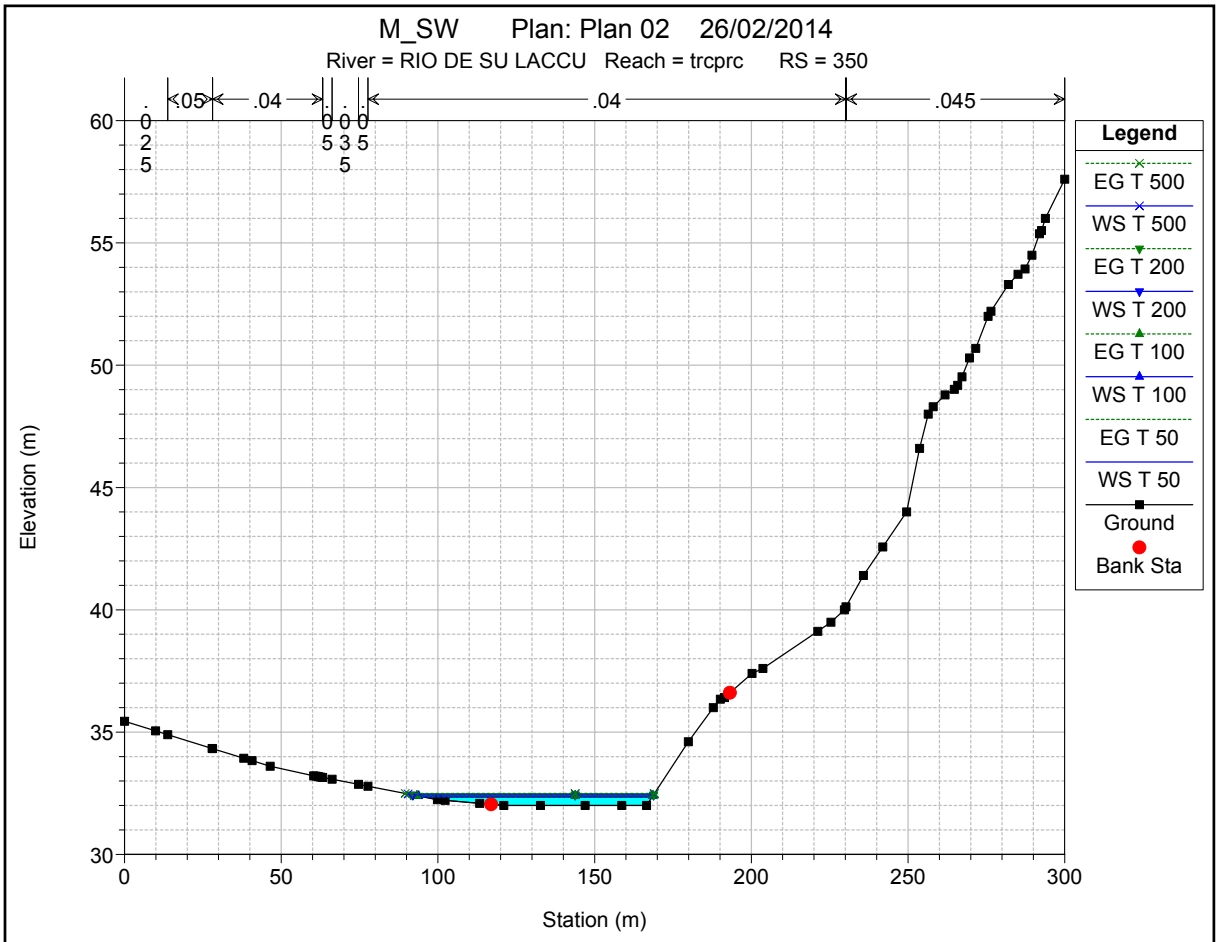

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 600
.025
.05
.04
.025
.04
.06
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)

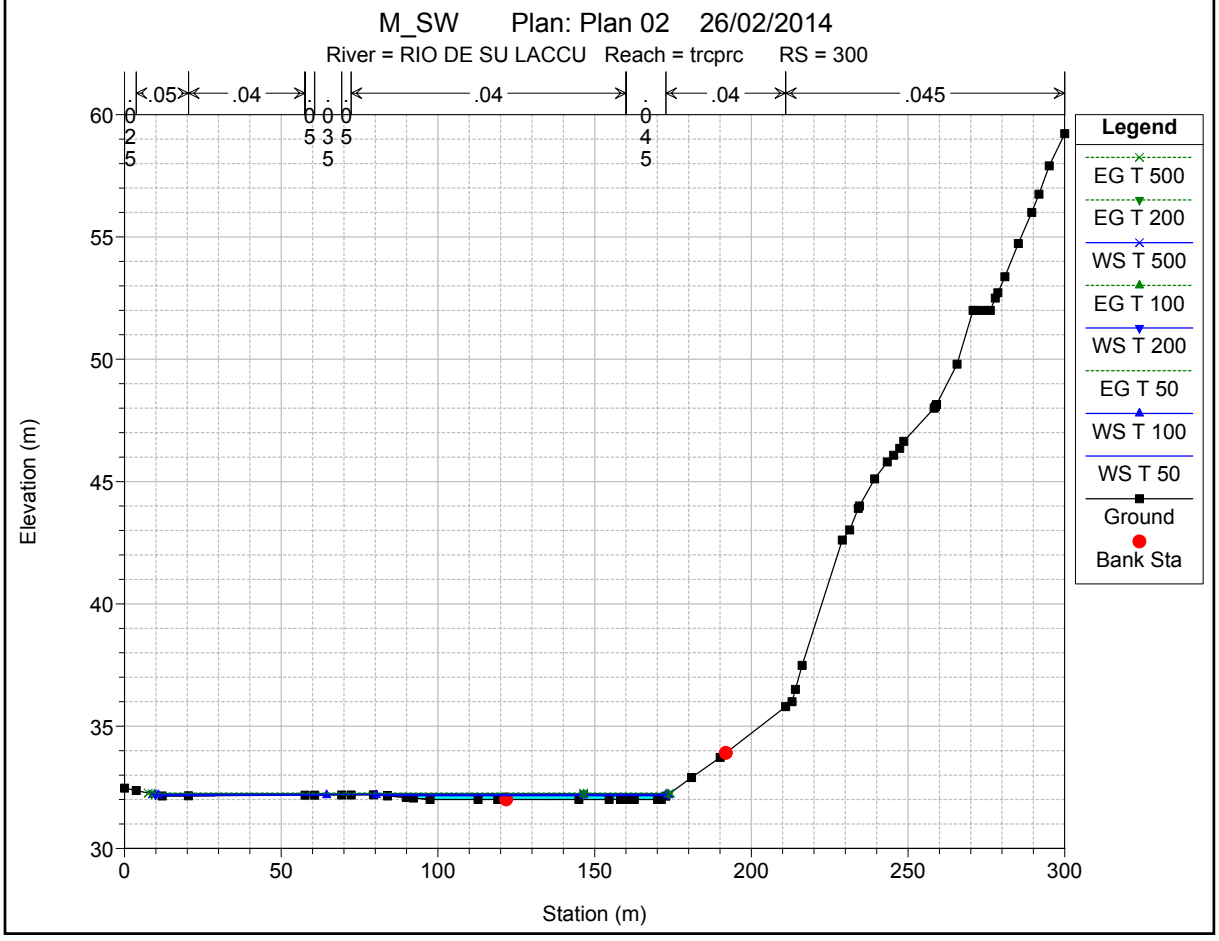

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 550
.025
.05
.04
.0505
.035
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

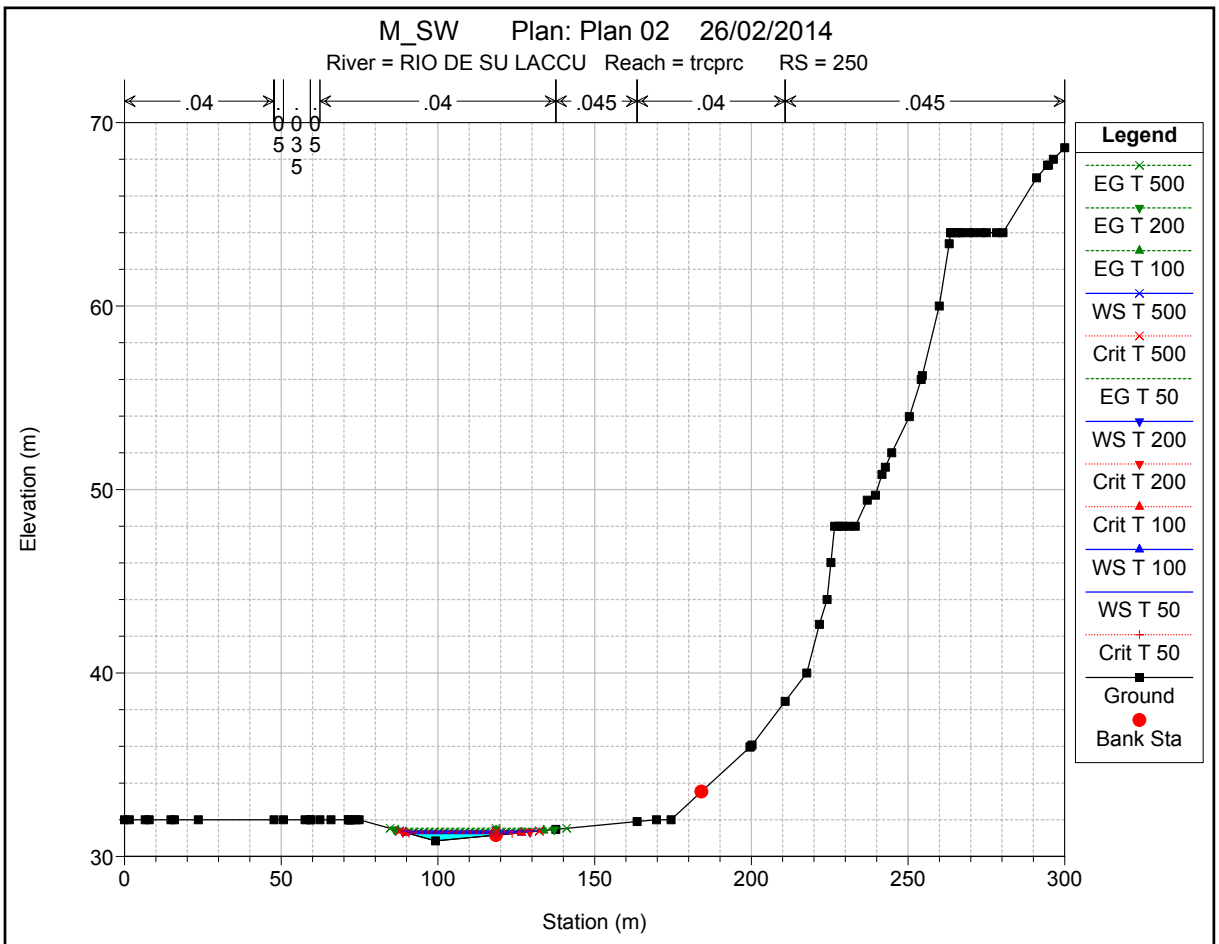

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 500
.025
.05
.04
.0505
.035
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

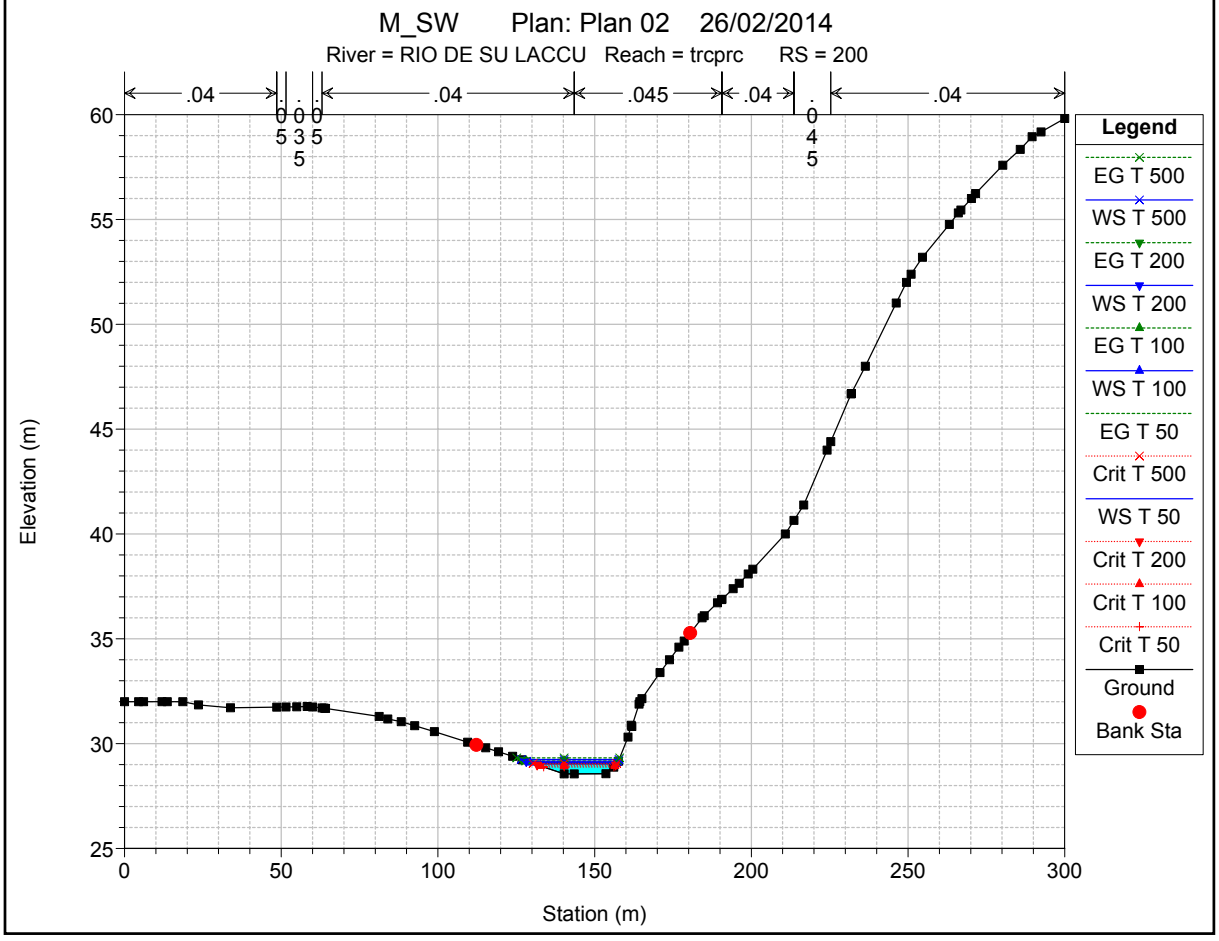

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 450
.025
.05
.04
.05
.035
.04
.04
.04
.045
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
55
50
45
40
35
30
0
50
100
150
200
250
300

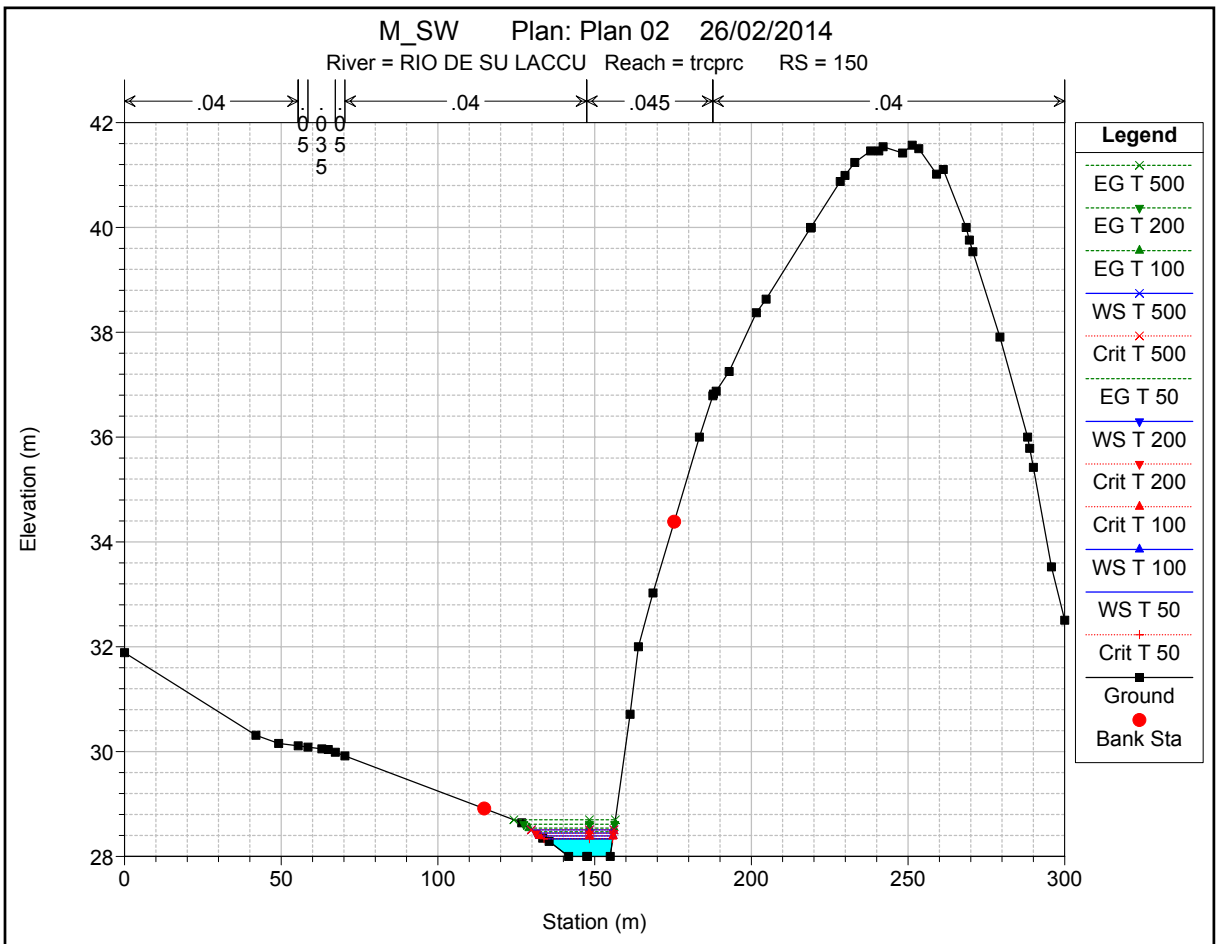

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 400
.025
.05
.04
.05
.035
.04
.045
.04
.04
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
55
50
45
40
35
30
0
50
100
150
200
250
300

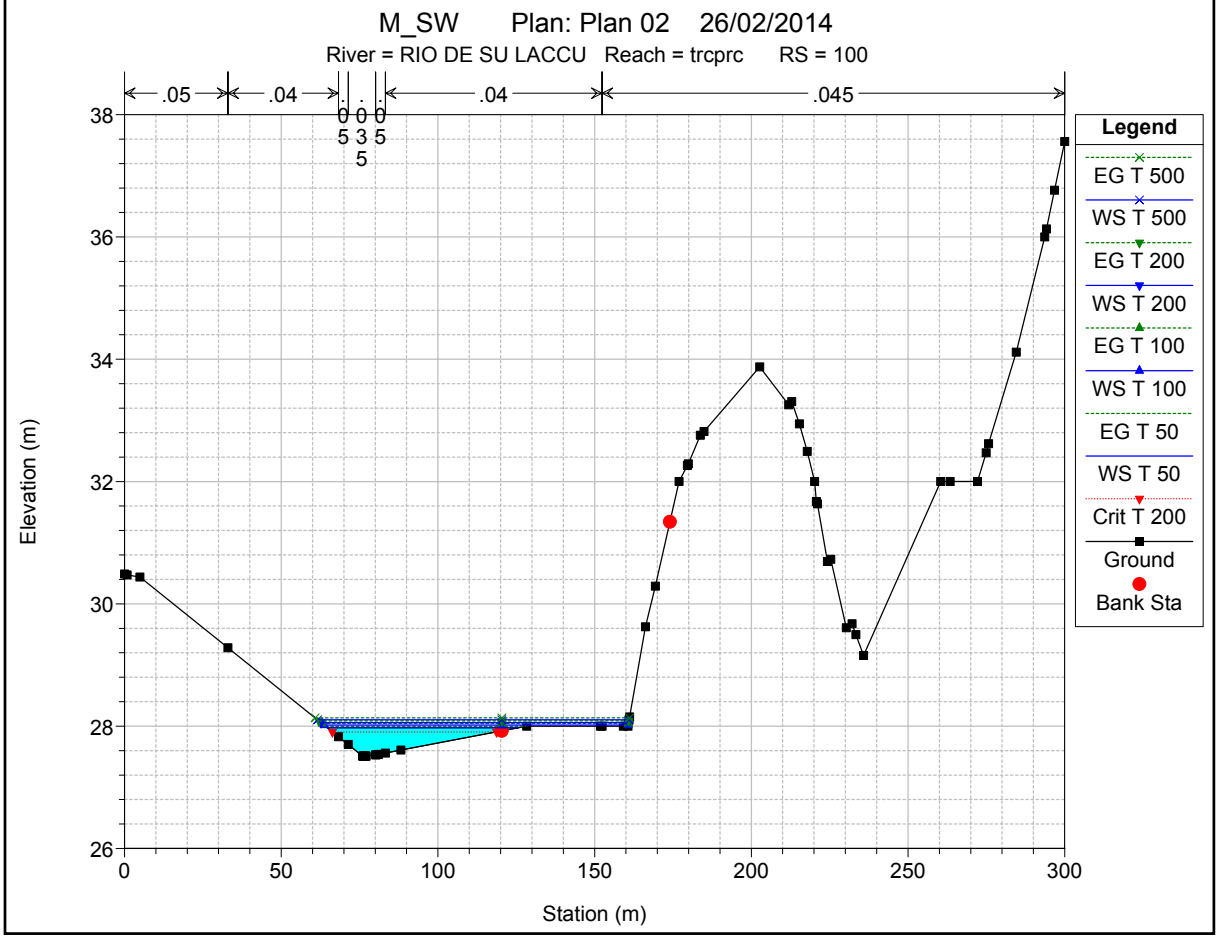

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 350
.025
.05
.04
.035
.035
.04
.045
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)

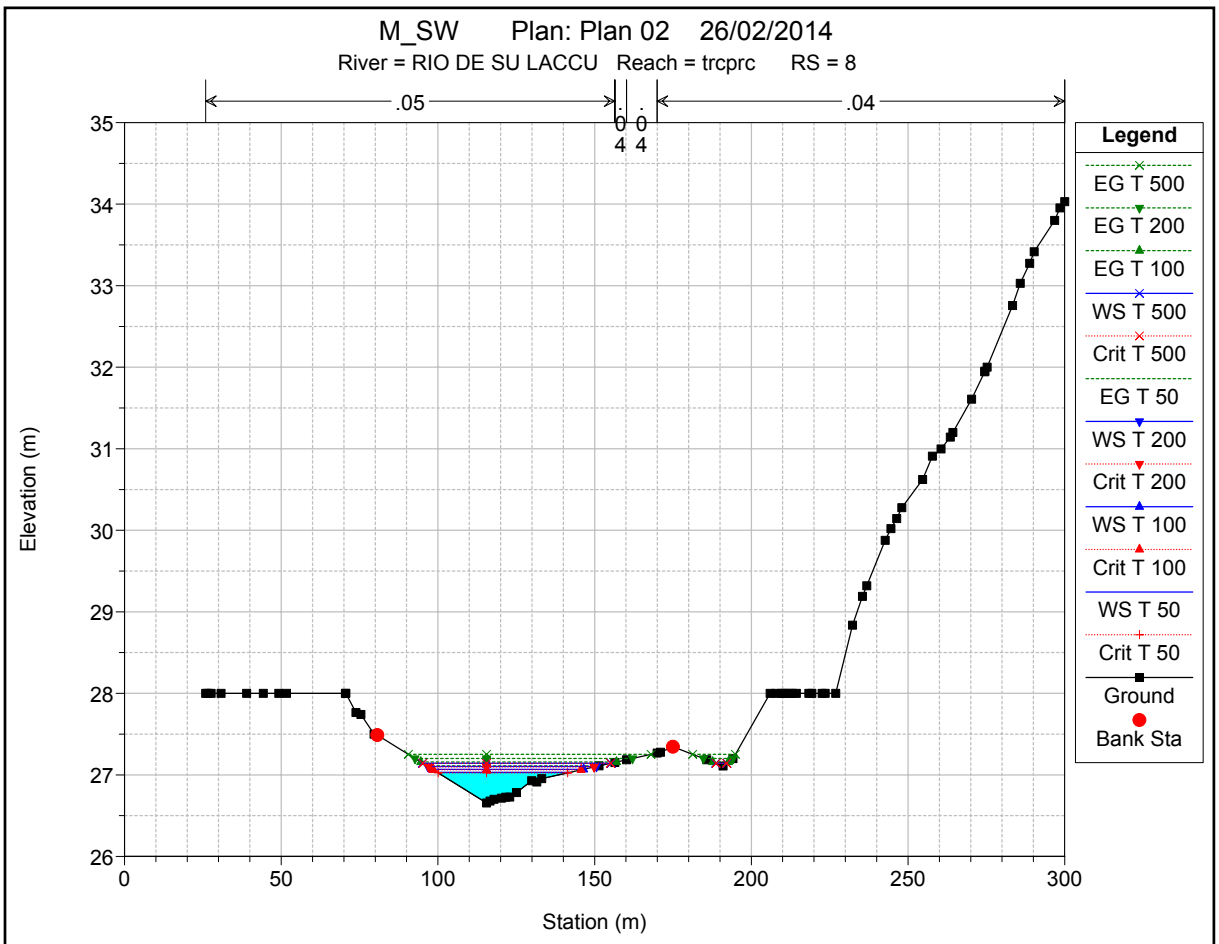

M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 300
.025
.05
.04
.035
.035
.04
.045
.045
Legend
EG T 500
EG T 200
WS T 500
EG T 100
WS T 200
EG T 50
WS T 100
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)


M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 250
.04
.0355
.04
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 200
.04
.0355
.04
.045
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
Crit T 500
WS T 50
Crit T 200
Crit T 100
Crit T 50
Ground
Bank Sta


M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 150
.04
.0355
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 100
.05
.04
.0355
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Crit T 200
Ground
Bank Sta


M_SW Plan: Plan 02 26/02/2014
River = RIO DE SU LACCU Reach = trcprc RS = 8
.05
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta

HEC-RAS Plan: Plan 01 River: RIO DE SU LACCU 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	2600	T 50	9.42	205.19	205.86	205.86	206.06	0.023288	2.00	4.72	11.88	1.01
trcprc	2600	T 100	12.15	205.19	205.94	205.94	206.17	0.022790	2.13	5.71	12.79	1.02
trcprc	2600	T 200	15.20	205.19	206.02	206.02	206.28	0.021831	2.23	6.81	13.64	1.01
trcprc	2600	T 500	19.34	205.19	206.12	206.12	206.41	0.021193	2.38	8.12	14.41	1.01
trcprc	2550	T 50	9.42	188.34	188.99	188.99	189.21	0.021420	2.08	4.52	10.38	1.01
trcprc	2550	T 100	12.15	188.34	189.08	189.08	189.33	0.020430	2.21	5.49	11.12	1.01
trcprc	2550	T 200	15.20	188.34	189.17	189.17	189.45	0.020042	2.35	6.47	11.82	1.01
trcprc	2550	T 500	19.34	188.34	189.28	189.28	189.59	0.019005	2.47	7.83	12.72	1.00
trcprc	2500	T 50	9.42	173.67	174.38	174.38	174.57	0.022852	1.95	4.83	12.96	1.02
trcprc	2500	T 100	12.15	173.67	174.45	174.45	174.67	0.021618	2.09	5.82	13.49	1.01
trcprc	2500	T 200	15.20	173.67	174.53	174.53	174.78	0.020813	2.22	6.84	14.02	1.01
trcprc	2500	T 500	19.34	173.67	174.62	174.62	174.90	0.019904	2.37	8.17	14.67	1.01
trcprc	2450	T 50	9.42	159.82	160.35	160.35	160.54	0.022354	1.93	4.87	12.98	1.01
trcprc	2450	T 100	12.15	159.82	160.43	160.43	160.64	0.021315	2.07	5.86	13.54	1.01
trcprc	2450	T 200	15.20	159.82	160.50	160.50	160.75	0.020621	2.21	6.88	14.10	1.01
trcprc	2450	T 500	19.34	159.82	160.59	160.59	160.87	0.019777	2.35	8.21	14.79	1.01
trcprc	2400	T 50	9.42	150.15	150.78	150.78	150.94	0.022609	1.80	5.22	15.64	1.00
trcprc	2400	T 100	12.15	150.15	150.84	150.84	151.03	0.021979	1.94	6.26	16.48	1.00
trcprc	2400	T 200	15.20	150.15	150.91	150.91	151.12	0.021317	2.06	7.38	17.33	1.01
trcprc	2400	T 500	19.34	150.15	150.99	150.99	151.23	0.020231	2.18	8.88	18.41	1.00
trcprc	2350	T 50	9.42	140.00	140.42	140.42	140.57	0.023806	1.72	5.47	18.31	1.00
trcprc	2350	T 100	12.15	140.00	140.49	140.49	140.65	0.024479	1.77	6.86	22.43	1.02
trcprc	2350	T 200	15.20	140.00	140.56	140.56	140.72	0.023019	1.81	8.40	25.44	1.00
trcprc	2350	T 500	19.34	140.00	140.63	140.63	140.80	0.022831	1.87	10.35	29.66	1.01
trcprc	2300	T 50	9.42	132.00	132.37	132.37	132.53	0.023131	1.76	5.36	17.02	1.00
trcprc	2300	T 100	12.15	132.00	132.44	132.44	132.62	0.022073	1.88	6.47	17.93	1.00
trcprc	2300	T 200	15.20	132.00	132.50	132.50	132.70	0.021658	2.00	7.59	18.81	1.01
trcprc	2300	T 500	19.34	132.00	132.58	132.58	132.81	0.020748	2.13	9.09	19.93	1.01
trcprc	2250	T 50	9.42	125.52	126.14	126.14	126.31	0.022511	1.82	5.18	15.29	1.00
trcprc	2250	T 100	12.15	125.52	126.23	126.23	126.39	0.023046	1.79	6.79	20.93	1.00
trcprc	2250	T 200	15.20	125.52	126.29	126.29	126.47	0.022136	1.86	8.15	23.26	1.01
trcprc	2250	T 500	19.34	125.52	126.36	126.36	126.56	0.020933	1.99	9.71	24.87	1.02
trcprc	2200	T 50	9.42	118.47	118.91	118.91	119.02	0.025304	1.51	6.24	26.65	1.00
trcprc	2200	T 100	12.15	118.47	118.95	118.95	119.09	0.024795	1.62	7.48	28.22	1.01
trcprc	2200	T 200	15.20	118.47	119.00	119.00	119.15	0.024106	1.72	8.82	29.77	1.01
trcprc	2200	T 500	19.34	118.47	119.05	119.05	119.22	0.023186	1.83	10.57	31.68	1.01
trcprc	2150	T 50	9.42	112.00	112.61	112.61	112.84	0.021259	2.11	4.46	9.94	1.01
trcprc	2150	T 100	12.15	112.00	112.71	112.71	112.96	0.020165	2.21	5.50	11.02	1.00
trcprc	2150	T 200	15.20	112.00	112.81	112.81	113.08	0.019659	2.32	6.56	11.99	1.00
trcprc	2150	T 500	19.34	112.00	112.91	112.91	113.22	0.019274	2.45	7.88	13.03	1.01
trcprc	2100	T 50	9.42	108.00	108.34	108.34	108.48	0.023668	1.68	5.59	19.25	1.00
trcprc	2100	T 100	12.15	108.00	108.39	108.39	108.56	0.022596	1.81	6.73	20.14	1.00
trcprc	2100	T 200	15.20	108.00	108.45	108.45	108.64	0.022143	1.93	7.87	21.00	1.01
trcprc	2100	T 500	19.34	108.00	108.52	108.52	108.74	0.021223	2.06	9.41	22.11	1.01
trcprc	2000	T 50	9.42	96.00	96.40	96.40	96.57	0.022903	1.85	5.10	14.84	1.01
trcprc	2000	T 100	12.15	96.00	96.47	96.47	96.67	0.021883	1.98	6.14	15.58	1.01
trcprc	2000	T 200	15.20	96.00	96.54	96.54	96.76	0.020960	2.09	7.26	16.34	1.00
trcprc	2000	T 500	19.34	96.00	96.62	96.62	96.88	0.020247	2.23	8.66	17.25	1.01
trcprc	1950	T 50	9.42	92.00	92.31	92.31	92.46	0.024290	1.68	5.59	19.63	1.01
trcprc	1950	T 100	12.15	92.00	92.37	92.37	92.54	0.022852	1.81	6.73	20.29	1.00
trcprc	1950	T 200	15.20	92.00	92.43	92.43	92.62	0.021764	1.92	7.92	21.00	1.00
trcprc	1950	T 500	19.34	92.00	92.50	92.50	92.71	0.021188	2.06	9.38	21.94	1.01
trcprc	1900	T 50	9.42	84.00	84.63	84.63	84.87	0.020681	2.18	4.33	9.01	1.00
trcprc	1900	T 100	12.15	84.00	84.73	84.73	85.00	0.019977	2.32	5.24	9.66	1.00
trcprc	1900	T 200	15.20	84.00	84.82	84.82	85.13	0.019466	2.45	6.20	10.28	1.01
trcprc	1900	T 500	19.34	84.00	84.94	84.94	85.28	0.018528	2.58	7.50	11.07	1.00
trcprc	1858	T 50	9.42	80.00	80.32	80.32	80.47	0.023817	1.69	5.58	19.21	1.00
trcprc	1858	T 100	12.15	80.00	80.38	80.38	80.55	0.022974	1.82	6.67	19.91	1.01
trcprc	1858	T 200	15.20	80.00	80.44	80.44	80.63	0.022017	1.94	7.84	20.63	1.00
trcprc	1858	T 500	19.34	80.00	80.51	80.51	80.73	0.021056	2.07	9.33	21.52	1.00
trcprc	1779	T 50	9.42	74.95	75.24	75.24	75.37	0.025041	1.59	5.93	23.23	1.00
trcprc	1779	T 100	12.15	74.95	75.29	75.29	75.44	0.023478	1.70	7.14	24.08	1.00
trcprc	1779	T 200	15.20	74.95	75.34	75.34	75.51	0.022692	1.82	8.36	24.90	1.00
trcprc	1779	T 500	19.34	74.95	75.40	75.40	75.60	0.021831	1.95	9.93	25.91	1.00
trcprc	1750	T 50	9.42	72.00	72.67	72.67	72.86	0.022600	1.92	4.91	13.38	1.01
trcprc	1750	T 100	12.15	72.00	72.74	72.74	72.96	0.021826	2.05	5.94	14.30	1.01
trcprc	1750	T 200	15.20	72.00	72.82	72.82	73.06	0.021010	2.17	7.02	15.08	1.01

HEC-RAS Plan: Plan 01 River: RIO DE SU LACCU 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	1750	T 500	19.34	72.00	72.91	72.91	73.18	0.020156	2.30	8.41	16.03	1.01
trcprc	1700	T 50	9.42	70.46	71.13	71.13	71.30	0.023548	1.84	5.13	15.52	1.02
trcprc	1700	T 100	12.15	70.46	71.20	71.20	71.39	0.022535	1.91	6.37	17.67	1.01
trcprc	1700	T 200	15.20	70.46	71.27	71.27	71.47	0.022024	1.99	7.62	19.42	1.02
trcprc	1700	T 500	19.34	70.46	71.35	71.35	71.57	0.021325	2.09	9.25	21.43	1.01
trcprc	1638	T 50	9.42	68.00	68.25	68.25	68.37	0.025415	1.54	6.12	25.48	1.00
trcprc	1638	T 100	12.15	68.00	68.29	68.29	68.44	0.024153	1.67	7.29	25.83	1.00
trcprc	1638	T 200	15.20	68.00	68.34	68.34	68.50	0.023421	1.80	8.46	26.17	1.01
trcprc	1638	T 500	19.34	68.00	68.40	68.40	68.59	0.021899	1.93	10.04	26.63	1.00
trcprc	1600	T 50	9.42	63.07	64.57		64.61	0.002263	0.89	10.63	16.04	0.35
trcprc	1600	T 100	12.15	63.07	64.64		64.70	0.002686	1.02	11.91	16.54	0.38
trcprc	1600	T 200	15.20	63.07	64.72		64.79	0.003140	1.16	13.15	17.00	0.42
trcprc	1600	T 500	19.34	63.07	64.81		64.90	0.003644	1.31	14.73	17.58	0.46
trcprc	1550	T 50	9.42	64.00	64.22	64.22	64.33	0.026548	1.45	6.51	30.67	1.00
trcprc	1550	T 100	12.15	64.00	64.26	64.26	64.38	0.024950	1.57	7.76	31.03	1.00
trcprc	1550	T 200	15.20	64.00	64.30	64.30	64.44	0.023786	1.68	9.05	31.40	1.00
trcprc	1550	T 500	19.34	64.00	64.35	64.35	64.52	0.022536	1.81	10.68	31.86	1.00
trcprc	1506	T 50	9.42	60.59	61.17	61.17	61.39	0.021505	2.06	4.56	10.67	1.01
trcprc	1506	T 100	12.15	60.59	61.26	61.26	61.50	0.020405	2.18	5.57	11.51	1.00
trcprc	1506	T 200	15.20	60.59	61.35	61.35	61.62	0.019976	2.31	6.59	12.32	1.01
trcprc	1506	T 500	19.34	60.59	61.45	61.45	61.75	0.019163	2.43	7.96	13.34	1.00
trcprc	1479	T 50	9.42	60.00	60.61	60.45	60.70	0.007401	1.30	7.25	15.33	0.60
trcprc	1479	T 100	12.15	60.00	60.68	60.53	60.79	0.008184	1.47	8.29	16.09	0.65
trcprc	1479	T 200	15.20	60.00	60.75	60.60	60.88	0.008636	1.61	9.46	16.89	0.69
trcprc	1479	T 500	19.34	60.00	60.83	60.69	60.99	0.009214	1.77	10.90	17.84	0.72
trcprc	1400	T 50	9.42	59.23	59.63	59.63	59.73	0.022951	1.40	6.74	33.75	1.00
trcprc	1400	T 100	12.15	59.23	59.68	59.68	59.79	0.021704	1.47	8.25	36.86	0.99
trcprc	1400	T 200	15.20	59.23	59.71	59.71	59.84	0.022079	1.59	9.59	37.64	1.00
trcprc	1400	T 500	19.34	59.23	59.76	59.76	59.91	0.022250	1.72	11.27	38.60	1.01
trcprc	1350	T 50	9.42	56.00	56.66		56.69	0.002533	0.83	11.41	21.96	0.37
trcprc	1350	T 100	12.15	56.00	56.73		56.78	0.002775	0.93	13.10	23.01	0.39
trcprc	1350	T 200	15.20	56.00	56.81		56.86	0.002906	1.01	14.99	24.13	0.41
trcprc	1350	T 500	19.34	56.00	56.90		56.96	0.003173	1.13	17.15	25.30	0.44
trcprc	1300	T 50	9.42	56.00	56.25	56.25	56.38	0.032236	1.56	6.04	24.76	1.01
trcprc	1300	T 100	12.15	56.00	56.30	56.30	56.44	0.030082	1.68	7.23	25.09	1.00
trcprc	1300	T 200	15.20	56.00	56.35	56.35	56.51	0.028976	1.81	8.40	25.43	1.00
trcprc	1300	T 500	19.34	56.00	56.41	56.41	56.60	0.027179	1.94	9.97	25.86	1.00
trcprc	1270	T 50	9.42	52.00	52.36	52.36	52.53	0.028738	1.81	5.20	15.44	1.00
trcprc	1270	T 100	12.15	52.00	52.43	52.43	52.62	0.027469	1.96	6.20	15.83	1.00
trcprc	1270	T 200	15.20	52.00	52.49	52.49	52.72	0.026405	2.10	7.25	16.22	1.00
trcprc	1270	T 500	19.34	52.00	52.57	52.57	52.83	0.025343	2.25	8.59	16.71	1.00
trcprc	1190	T 50	9.42	48.00	48.75		48.85	0.010867	1.46	6.45	12.70	0.65
trcprc	1190	T 100	12.15	48.00	48.82		48.95	0.012499	1.65	7.38	13.51	0.71
trcprc	1190	T 200	15.20	48.00	48.89		49.05	0.014007	1.82	8.34	14.24	0.76
trcprc	1190	T 500	19.34	48.00	48.96		49.17	0.015942	2.05	9.43	15.03	0.83
trcprc	1177	T 50	9.42	48.00	48.74	48.38	48.77	0.002333	0.77	12.28	21.85	0.33
trcprc	1177	T 100	12.15	48.00	48.82	48.44	48.86	0.002659	0.87	14.02	22.97	0.35
trcprc	1177	T 200	15.20	48.00	48.90	48.51	48.94	0.002955	0.96	15.82	24.07	0.38
trcprc	1177	T 500	19.34	48.00	48.98	48.59	49.04	0.003330	1.08	17.99	25.34	0.41
trcprc	1080	T 50	9.42	48.00	48.14	48.14	48.20	0.031845	1.17	8.07	60.22	1.02
trcprc	1080	T 100	12.15	48.00	48.16	48.16	48.24	0.029153	1.26	9.67	60.48	1.00
trcprc	1080	T 200	15.20	48.00	48.19	48.19	48.28	0.027585	1.35	11.26	60.73	1.00
trcprc	1080	T 500	19.34	48.00	48.22	48.22	48.33	0.026435	1.46	13.21	61.04	1.00
trcprc	1000	T 50	9.42	44.00	44.37		44.37	0.000560	0.30	31.30	86.23	0.16
trcprc	1000	T 100	12.15	44.00	44.42		44.42	0.000622	0.34	35.39	86.63	0.17
trcprc	1000	T 200	15.20	44.00	44.47		44.47	0.000663	0.38	39.76	87.05	0.18
trcprc	1000	T 500	19.34	44.00	44.52		44.53	0.000741	0.43	44.51	87.51	0.19
trcprc	891	T 50	9.42	44.00	44.12	44.12	44.18	0.037237	1.17	8.70	72.82	1.08
trcprc	891	T 100	12.15	44.00	44.14	44.14	44.22	0.033837	1.26	10.44	73.01	1.06
trcprc	891	T 200	15.20	44.00	44.17	44.17	44.25	0.031746	1.35	12.19	73.21	1.05
trcprc	891	T 500	19.34	44.00	44.19	44.19	44.29	0.032764	1.50	13.97	73.41	1.10
trcprc	850	T 50	9.42	41.18	41.81	41.81	41.97	0.023130	1.79	5.26	16.16	1.00
trcprc	850	T 100	12.15	41.18	41.87	41.87	42.06	0.022799	1.91	6.37	17.64	1.01
trcprc	850	T 200	15.20	41.18	41.94	41.94	42.14	0.021551	1.98	7.67	19.22	1.00
trcprc	850	T 500	19.34	41.18	42.02	42.02	42.25	0.021383	2.10	9.19	20.93	1.01
trcprc	824	T 50	9.42	40.00	40.64		40.67	0.002213	0.80	11.82	21.63	0.34

HEC-RAS Plan: Plan 01 River: RIO DE SU LACCU 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	824	T 100	12.15	40.00	40.71		40.75	0.002536	0.91	13.38	22.31	0.37
trcprc	824	T 200	15.20	40.00	40.77		40.83	0.002912	1.02	14.84	22.94	0.41
trcprc	824	T 500	19.34	40.00	40.86		40.92	0.003269	1.15	16.79	23.74	0.44
trcprc	750	T 50	9.42	40.00	40.12	40.12	40.17	0.033366	1.04	8.90	78.38	0.98
trcprc	750	T 100	12.15	40.00	40.14	40.14	40.20	0.031299	1.12	10.59	78.81	0.98
trcprc	750	T 200	15.20	40.00	40.16	40.16	40.24	0.029883	1.21	12.31	79.23	0.98
trcprc	750	T 500	19.34	40.00	40.19	40.19	40.28	0.028339	1.31	14.50	79.77	0.98
trcprc	700	T 50	9.42	37.72	38.24	38.24	38.37	0.022212	1.61	5.84	22.29	1.01
trcprc	700	T 100	12.15	37.72	38.29	38.29	38.44	0.021478	1.70	7.13	24.63	1.01
trcprc	700	T 200	15.20	37.72	38.35	38.35	38.51	0.020907	1.78	8.52	26.93	1.01
trcprc	700	T 500	19.34	37.72	38.41	38.41	38.59	0.020377	1.87	10.32	29.64	1.01
trcprc	650	T 50	9.42	36.00	36.38	36.38	36.52	0.021498	1.64	5.74	21.24	1.01
trcprc	650	T 100	12.15	36.00	36.44	36.44	36.59	0.019933	1.73	7.01	23.09	1.00
trcprc	650	T 200	15.20	36.00	36.49	36.49	36.66	0.019459	1.84	8.27	24.79	1.02
trcprc	650	T 500	19.34	36.00	36.56	36.56	36.75	0.018066	1.92	10.07	27.04	1.00
trcprc	600	T 50	9.42	36.00	36.27		36.28	0.000900	0.42	23.34	89.17	0.25
trcprc	600	T 100	12.15	36.00	36.31		36.32	0.000972	0.47	26.66	90.12	0.27
trcprc	600	T 200	15.20	36.00	36.34		36.36	0.001094	0.53	29.51	90.92	0.29
trcprc	600	T 500	19.34	36.00	36.38		36.40	0.001192	0.60	33.36	92.00	0.31
trcprc	550	T 50	9.42	36.00	36.09	36.09	36.14	0.037336	0.97	9.70	108.38	1.03
trcprc	550	T 100	12.15	36.00	36.11	36.11	36.16	0.033202	1.04	11.71	108.90	1.01
trcprc	550	T 200	15.20	36.00	36.13	36.13	36.19	0.030771	1.11	13.72	109.42	0.99
trcprc	550	T 500	19.34	36.00	36.15	36.15	36.22	0.029072	1.20	16.15	110.05	0.99
trcprc	500	T 50	9.42	34.52	34.69	34.69	34.79	0.019479	0.68	6.96	35.05	0.74
trcprc	500	T 100	12.15	34.52	34.73	34.73	34.85	0.018508	0.77	8.55	38.46	0.75
trcprc	500	T 200	15.20	34.52	34.77	34.77	34.90	0.018754	0.86	10.03	41.39	0.77
trcprc	500	T 500	19.34	34.52	34.82	34.82	34.96	0.017626	0.95	12.28	45.46	0.77
trcprc	450	T 50	9.42	32.16	32.61		32.65	0.006791	0.87	10.82	39.36	0.53
trcprc	450	T 100	12.15	32.16	32.66		32.71	0.006783	0.94	12.97	42.64	0.54
trcprc	450	T 200	15.20	32.16	32.71		32.76	0.006528	1.00	15.14	45.69	0.56
trcprc	450	T 500	19.34	32.16	32.77		32.83	0.006336	1.07	18.00	49.75	0.57
trcprc	400	T 50	9.42	32.00	32.44		32.45	0.002362	0.55	17.00	54.49	0.32
trcprc	400	T 100	12.15	32.00	32.49		32.51	0.002509	0.62	19.61	55.59	0.33
trcprc	400	T 200	15.20	32.00	32.53		32.56	0.002617	0.68	22.33	56.71	0.35
trcprc	400	T 500	19.34	32.00	32.59		32.62	0.002837	0.76	25.36	57.94	0.37
trcprc	350	T 50	9.42	32.00	32.35		32.36	0.001495	0.47	21.31	72.96	0.26
trcprc	350	T 100	12.15	32.00	32.39		32.40	0.001699	0.54	24.15	74.70	0.28
trcprc	350	T 200	15.20	32.00	32.43		32.45	0.001780	0.59	27.55	76.75	0.29
trcprc	350	T 500	19.34	32.00	32.47		32.49	0.002111	0.68	30.53	78.50	0.32
trcprc	300	T 50	9.42	32.00	32.16		32.19	0.011590	0.76	13.01	107.69	0.62
trcprc	300	T 100	12.15	32.00	32.18		32.21	0.012010	0.84	15.79	146.55	0.64
trcprc	300	T 200	15.20	32.00	32.20		32.24	0.011671	0.91	19.71	163.60	0.65
trcprc	300	T 500	19.34	32.00	32.23		32.27	0.011189	0.96	23.84	164.81	0.65
trcprc	250	T 50	9.42	31.16	31.25	31.25	31.36	0.024461	0.48	6.58	32.93	0.74
trcprc	250	T 100	12.15	31.16	31.30	31.30	31.41	0.021675	0.60	8.26	36.90	0.75
trcprc	250	T 200	15.20	31.16	31.34	31.34	31.47	0.020312	0.71	9.98	40.56	0.76
trcprc	250	T 500	19.34	31.16	31.39	31.39	31.53	0.019722	0.82	12.09	44.63	0.78
trcprc	200	T 50	9.42	28.56	29.04	28.88	29.09	0.006837	0.99	9.52	26.28	0.52
trcprc	200	T 100	12.15	28.56	29.10	28.94	29.16	0.007072	1.08	11.23	27.86	0.54
trcprc	200	T 200	15.20	28.56	29.16	28.99	29.23	0.007261	1.17	13.00	29.41	0.56
trcprc	200	T 500	19.34	28.56	29.24	29.05	29.32	0.007212	1.26	15.38	31.17	0.57
trcprc	150	T 50	9.42	28.00	28.34	28.34	28.47	0.027226	1.62	5.81	21.92	1.00
trcprc	150	T 100	12.15	28.00	28.39	28.39	28.54	0.025735	1.72	7.06	23.43	1.00
trcprc	150	T 200	15.20	28.00	28.44	28.44	28.61	0.024589	1.82	8.37	24.79	1.00
trcprc	150	T 500	19.34	28.00	28.51	28.51	28.70	0.024074	1.94	9.97	26.35	1.01
trcprc	100	T 50	9.42	27.92	27.97		28.00	0.003489	0.13	14.61	61.00	0.26
trcprc	100	T 100	12.15	27.92	28.02		28.04	0.003559	0.13	17.90	97.05	0.26
trcprc	100	T 200	15.20	27.92	28.06	27.91	28.09	0.003573	0.24	21.73	98.12	0.30
trcprc	100	T 500	19.34	27.92	28.10		28.14	0.003544	0.34	26.34	99.40	0.32
trcprc	8	T 50	9.42	26.66	27.03	27.02	27.11	0.040054	1.26	7.47	42.26	0.96
trcprc	8	T 100	12.15	26.66	27.07	27.06	27.16	0.040045	1.32	9.18	48.25	0.97
trcprc	8	T 200	15.20	26.66	27.10	27.10	27.20	0.040037	1.39	10.97	53.82	0.98
trcprc	8	T 500	19.34	26.66	27.14	27.14	27.25	0.040049	1.46	13.31	63.73	0.99

IL BACINO SANT'ELISEO

ModelloSEliseohec Plan: Plan 01 02/01/2014

Seliseo TrcPrc

Legend

- EG T 500
- EG T 200
- EG T 100
- WS T 500
- Crit T 500
- EG T 50
- WS T 200
- Crit T 200
- Crit T 100
- WS T 100
- WS T 50
- Crit T 50
- Ground
- LOB
- ROB

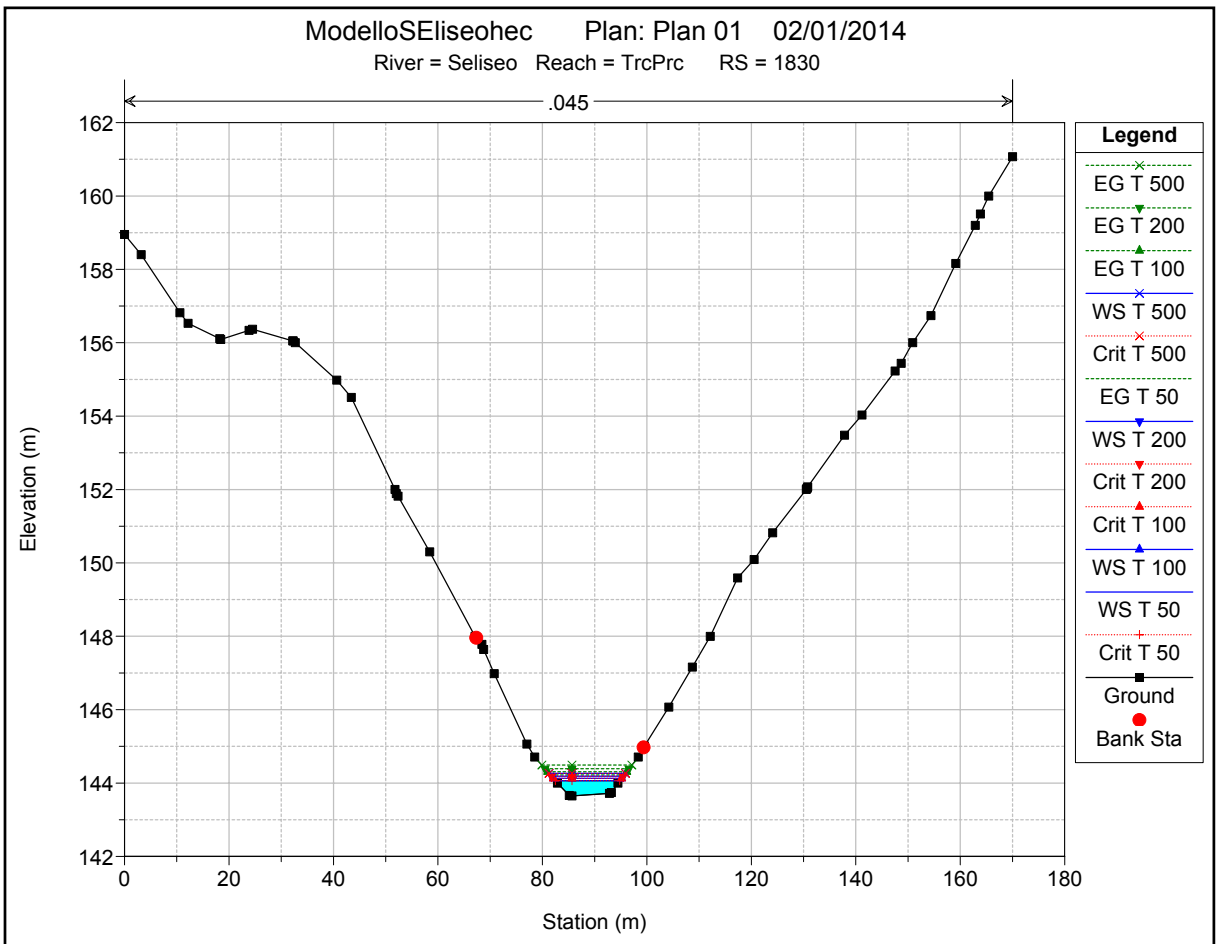
Elevation (m)

160
140
120
100
80
60
40
20

0 500 1000 1500 2000

Main Channel Distance (m)

63 92 137 180 210 240 271 300 331 359 390 421 450 480 510 538 571 601 630 660 686 724 749 801 840 871 900 930 960 990 1020 1050 1080 1110 1153 1200 1230 1260 1290 1320 1350 1380 1410 1440 1470 1500 1530 1566 1590 1620 1637 1692 1740 1770 1800 1830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Station (m)
Legend
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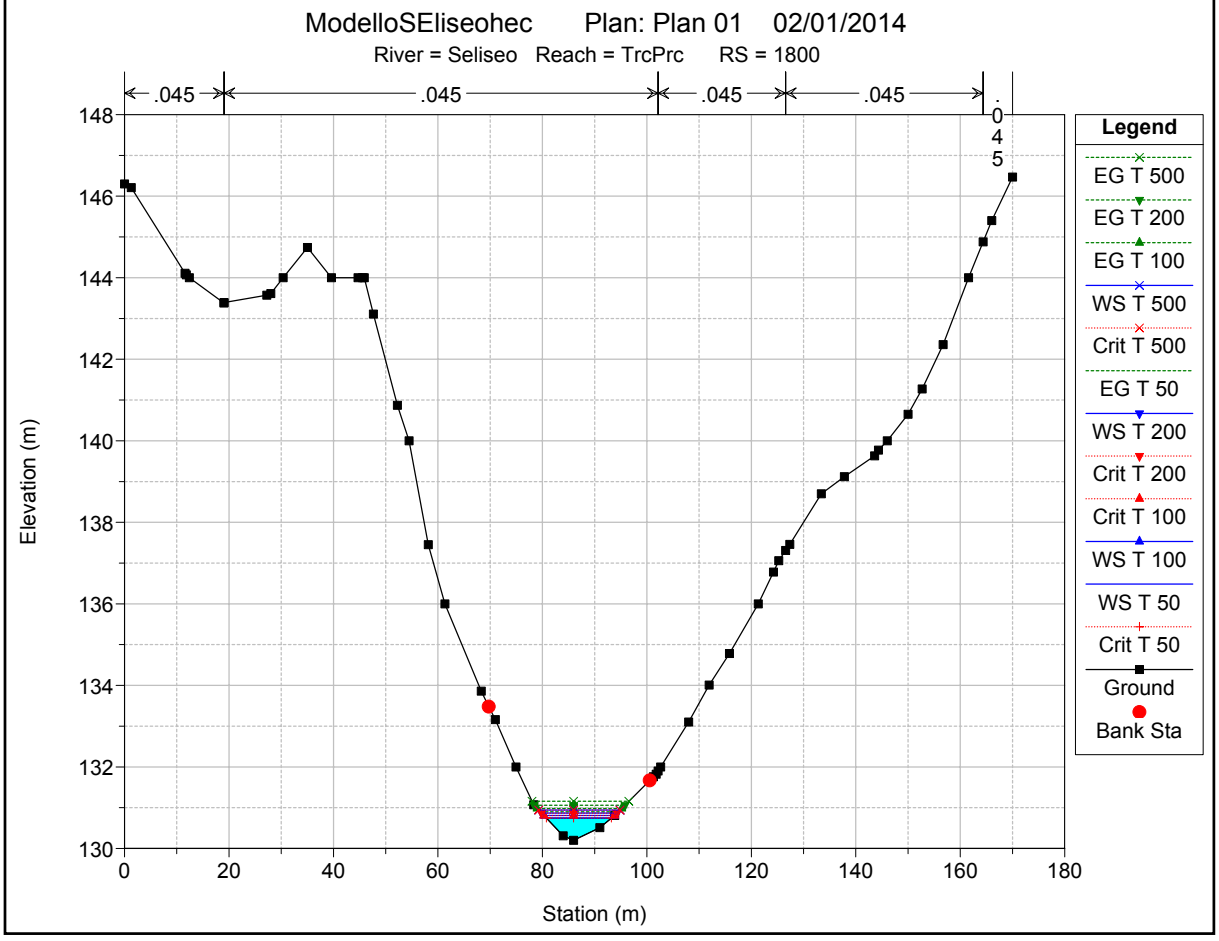
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta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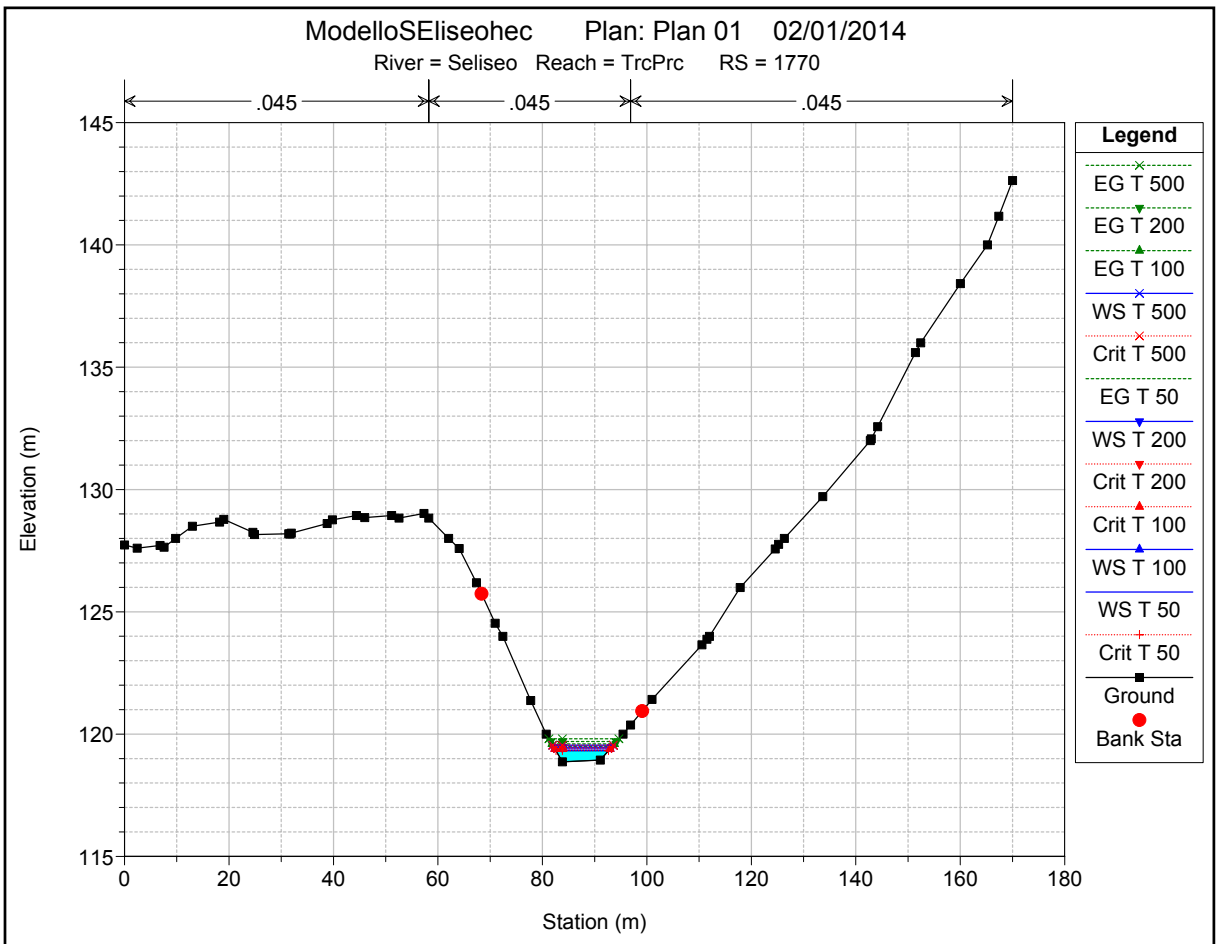
River = Seliseo Reach = TrcPrc RS = 1800
.045
.045
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta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.045
.045
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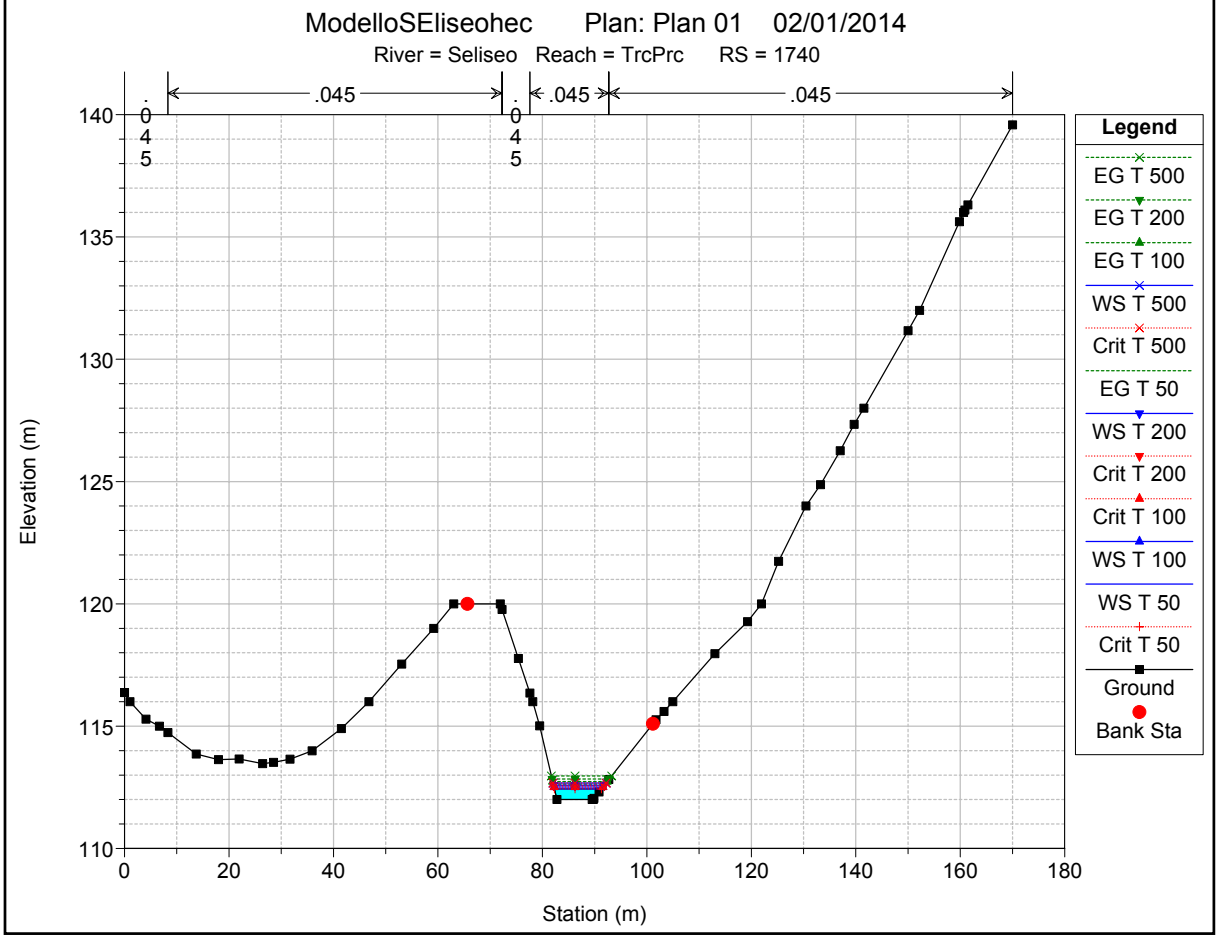
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta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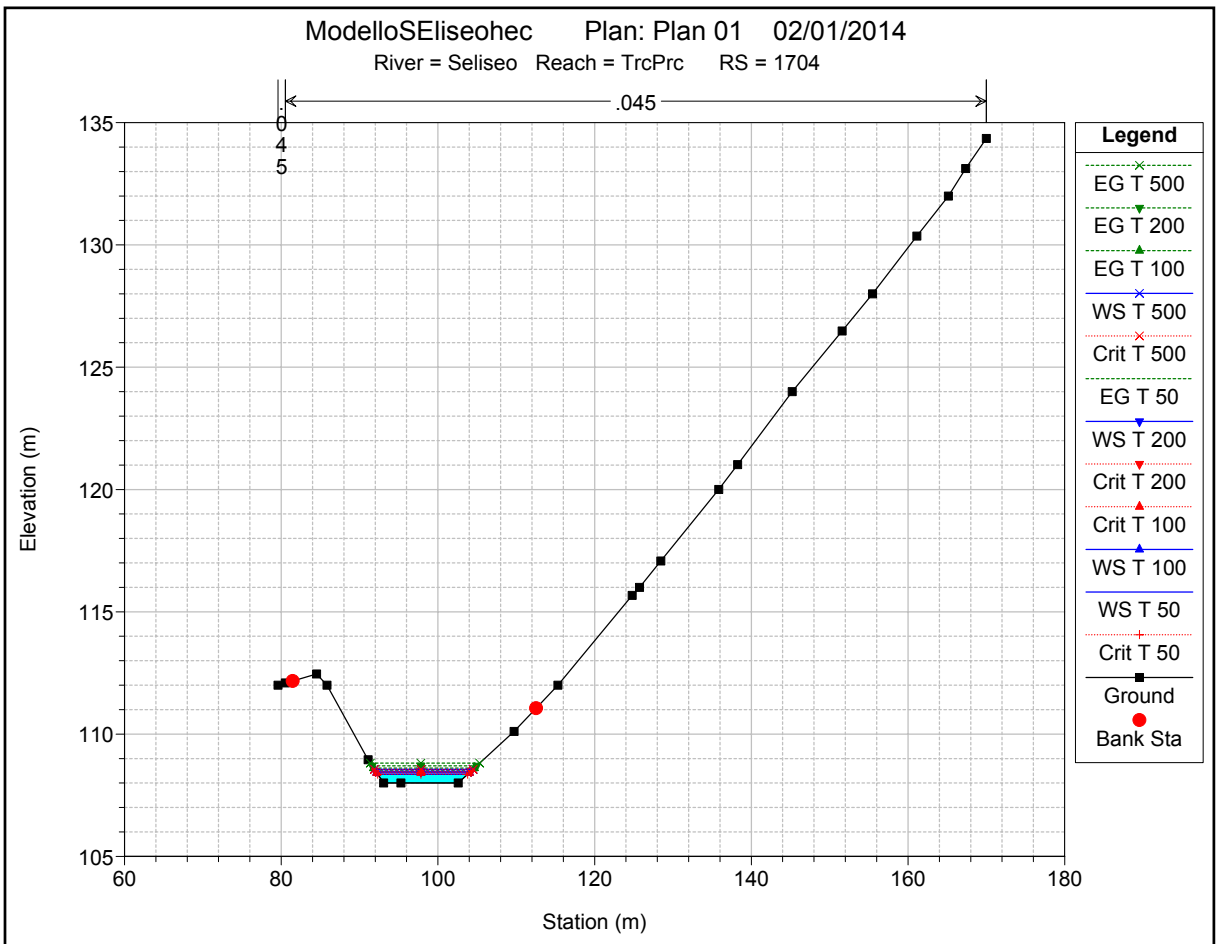
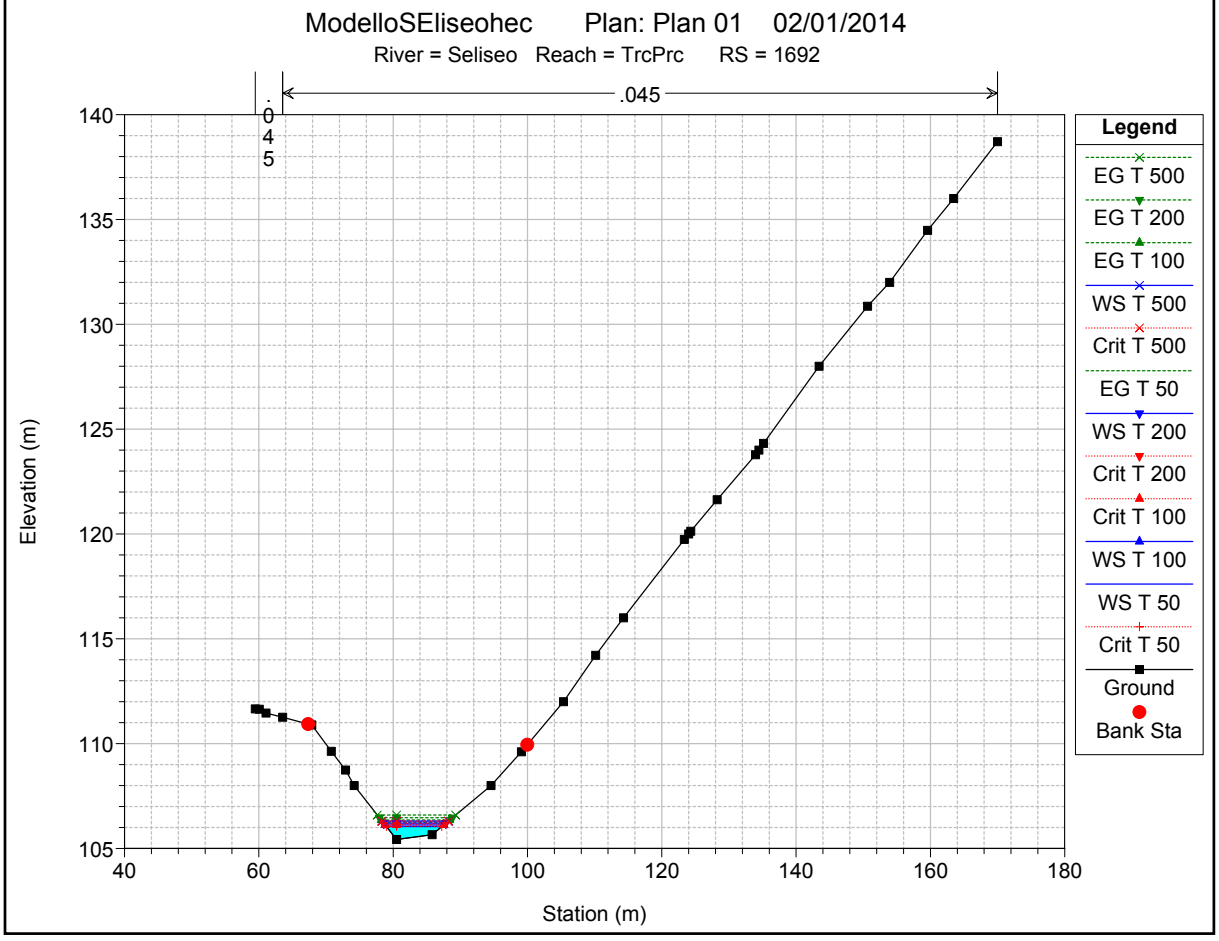
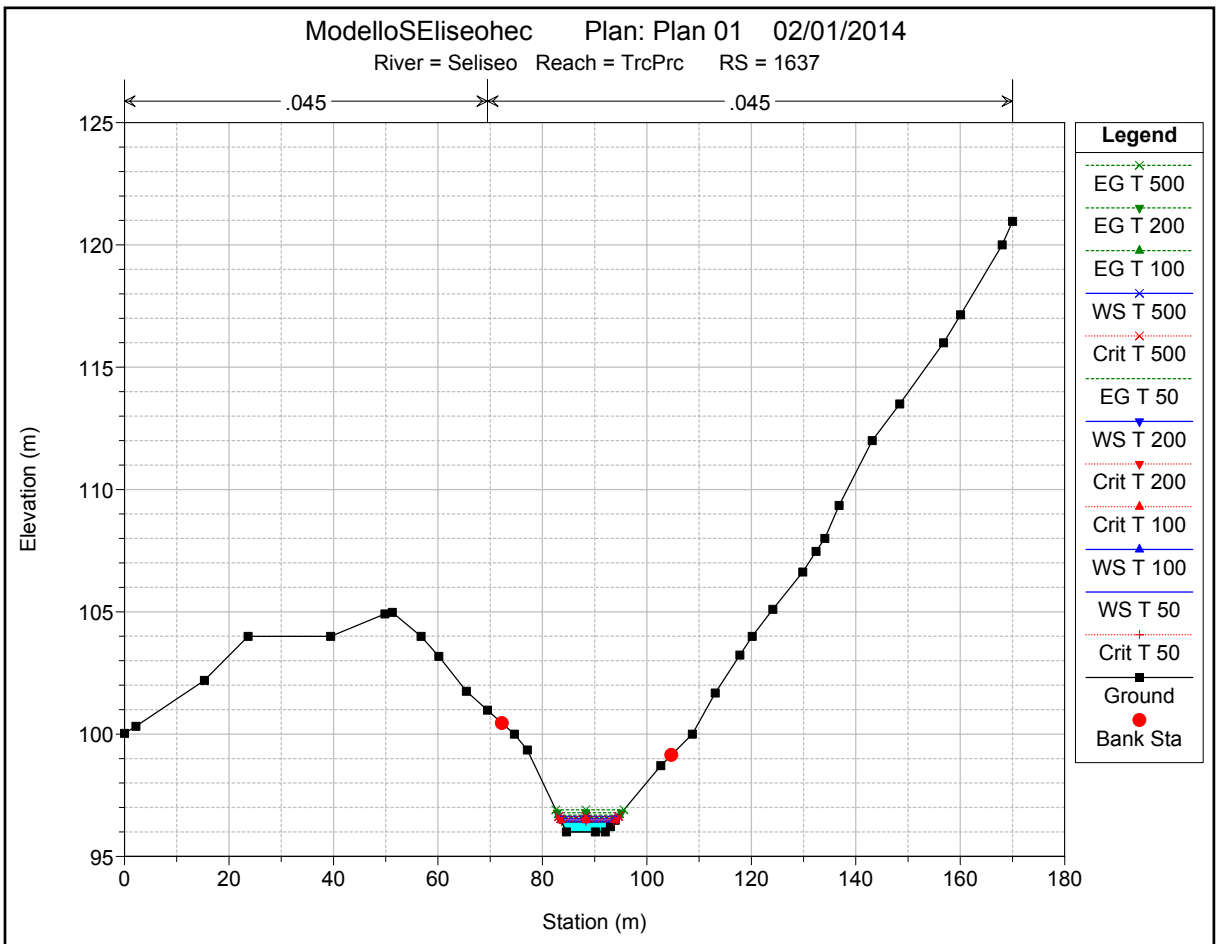
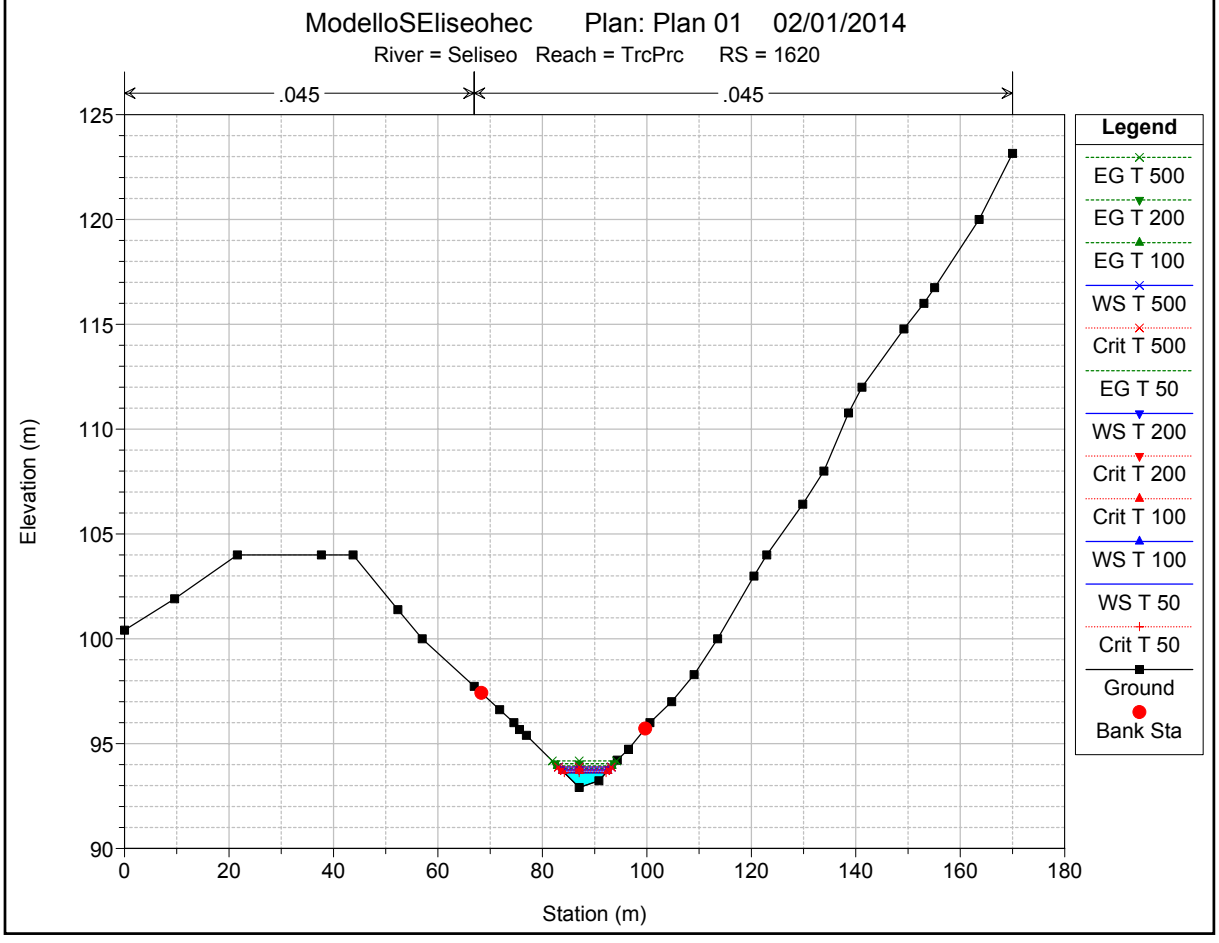
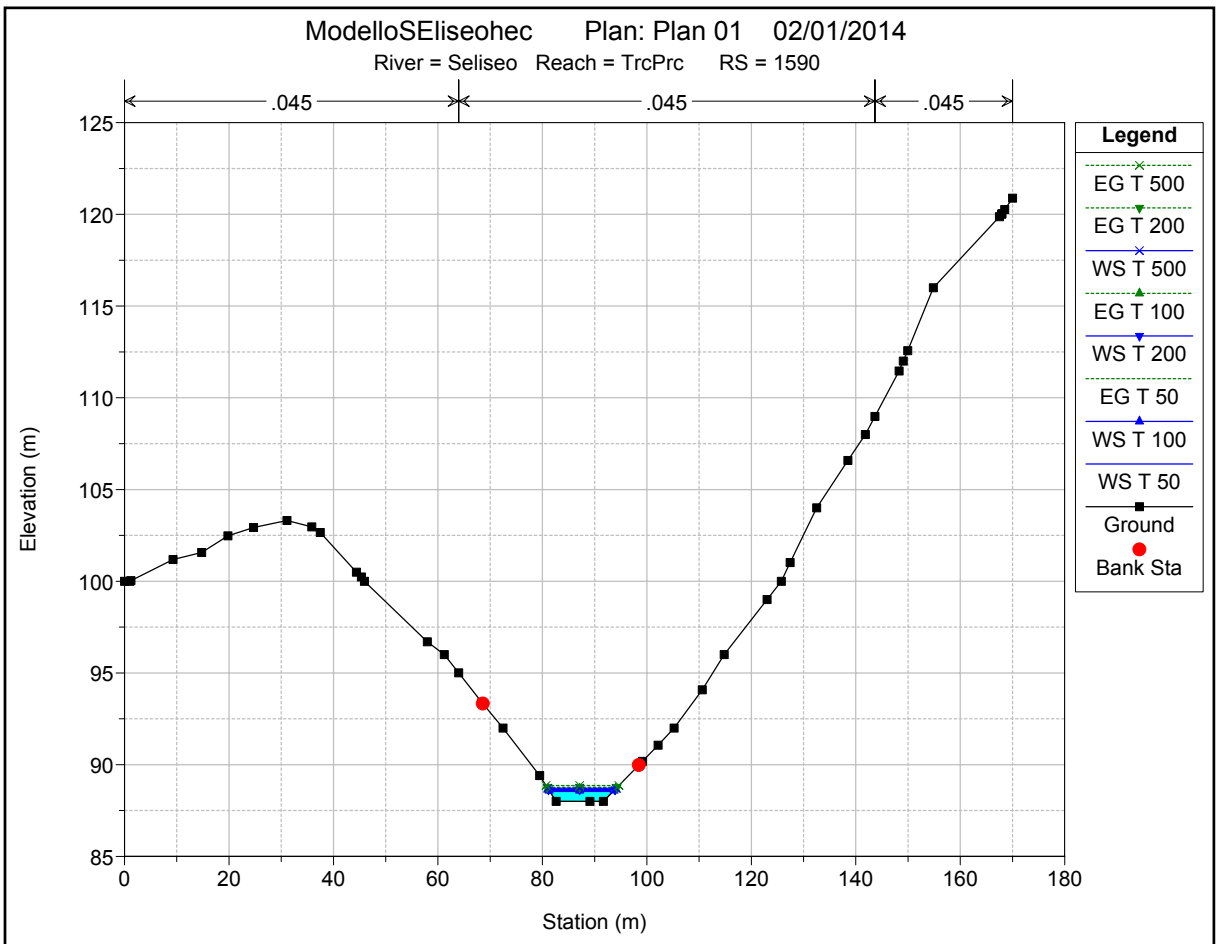
.045
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

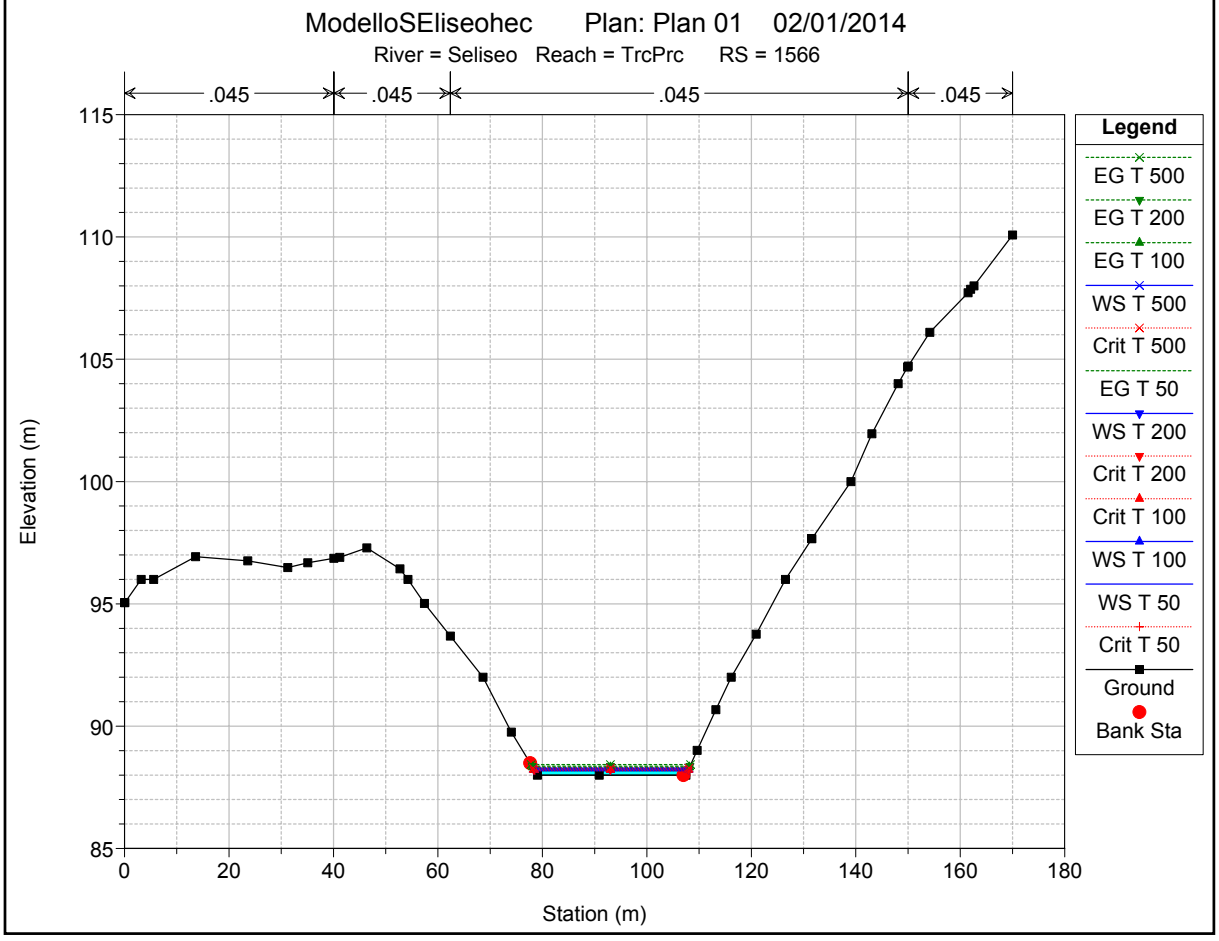

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1704
.045
.045
Elevation (m)
Station (m)
135
130
125
120
115
110
105
60
80
100
120
140
160
180
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

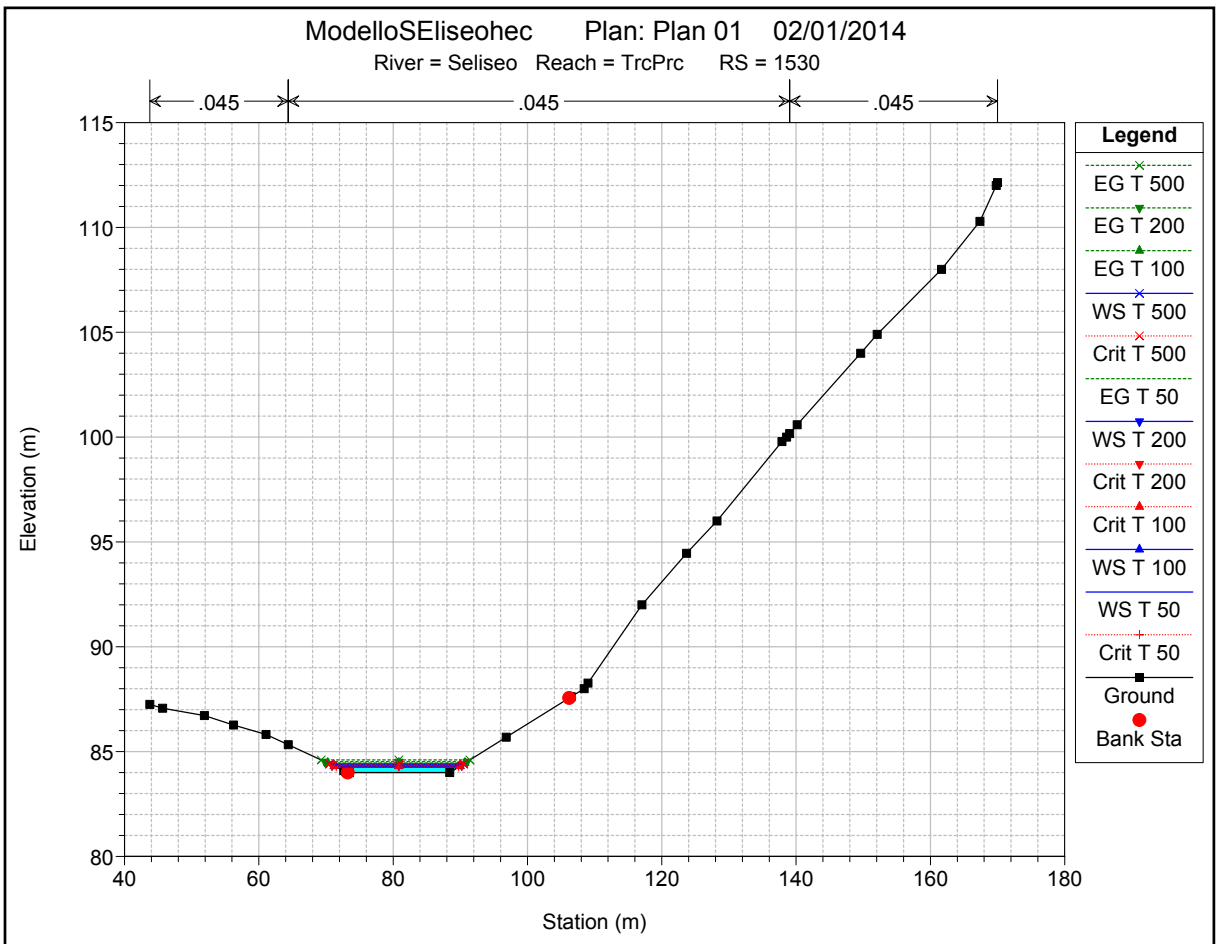

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1692
.045
.045
Elevation (m)
Station (m)
140
135
130
125
120
115
110
105
40
60
80
100
120
140
160
180
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

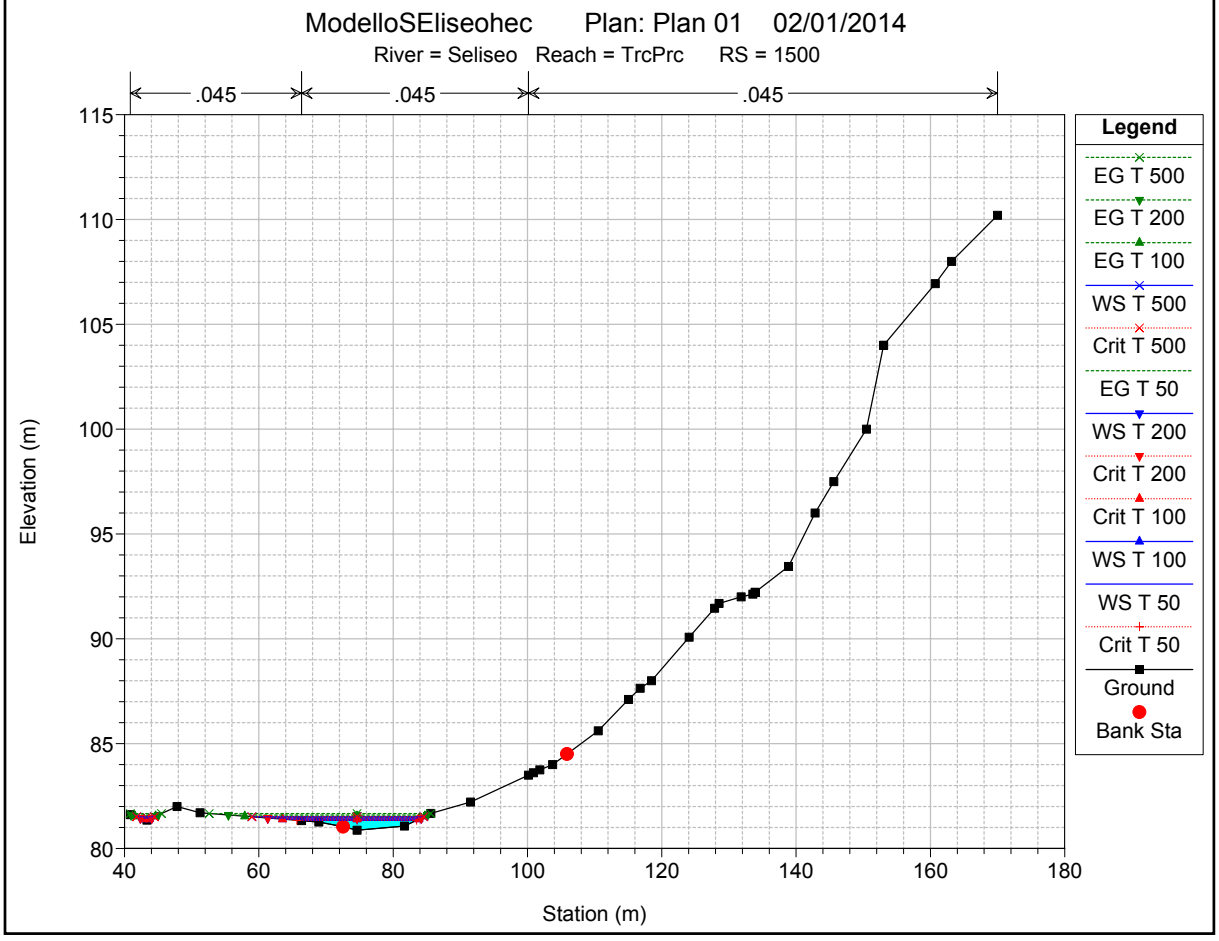

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1637
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

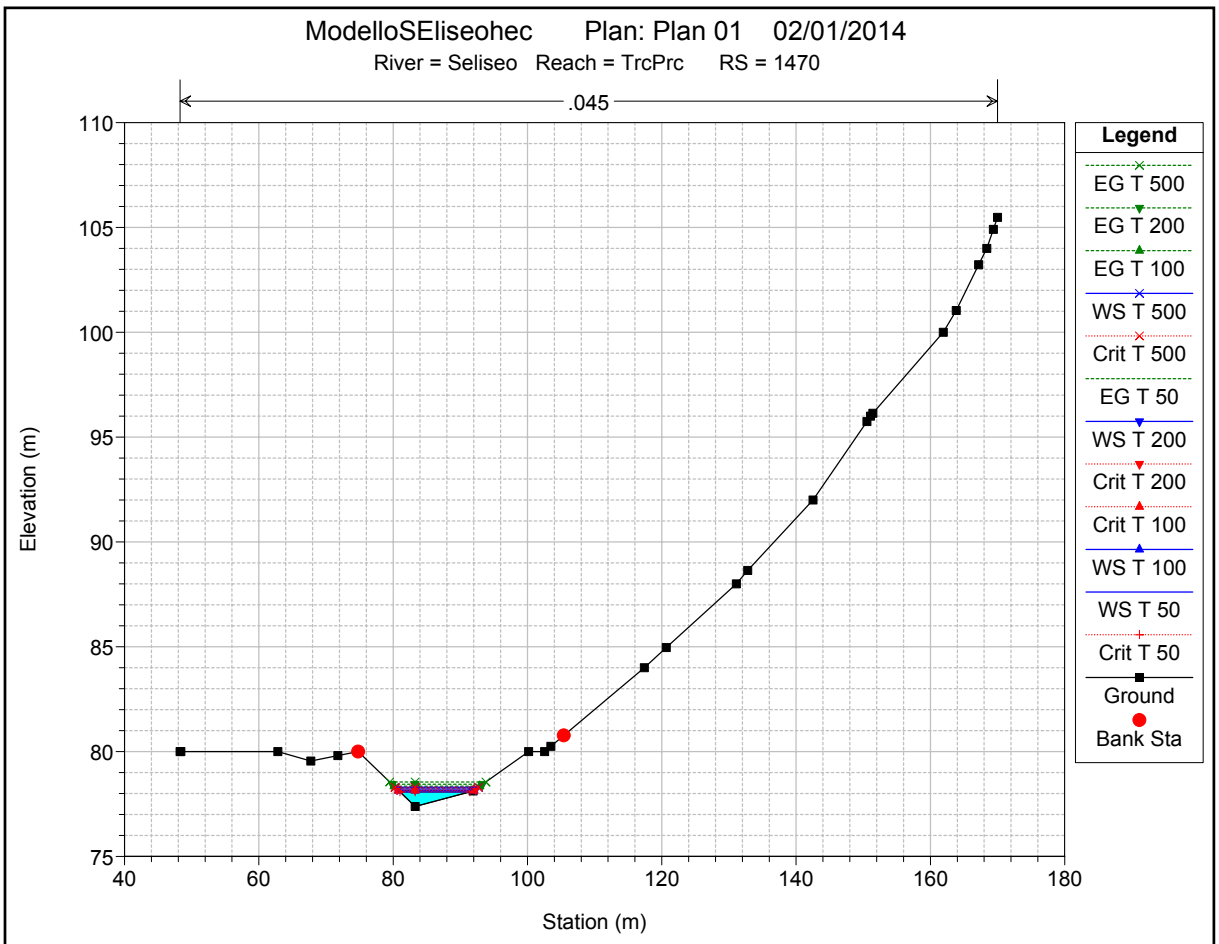

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1620
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

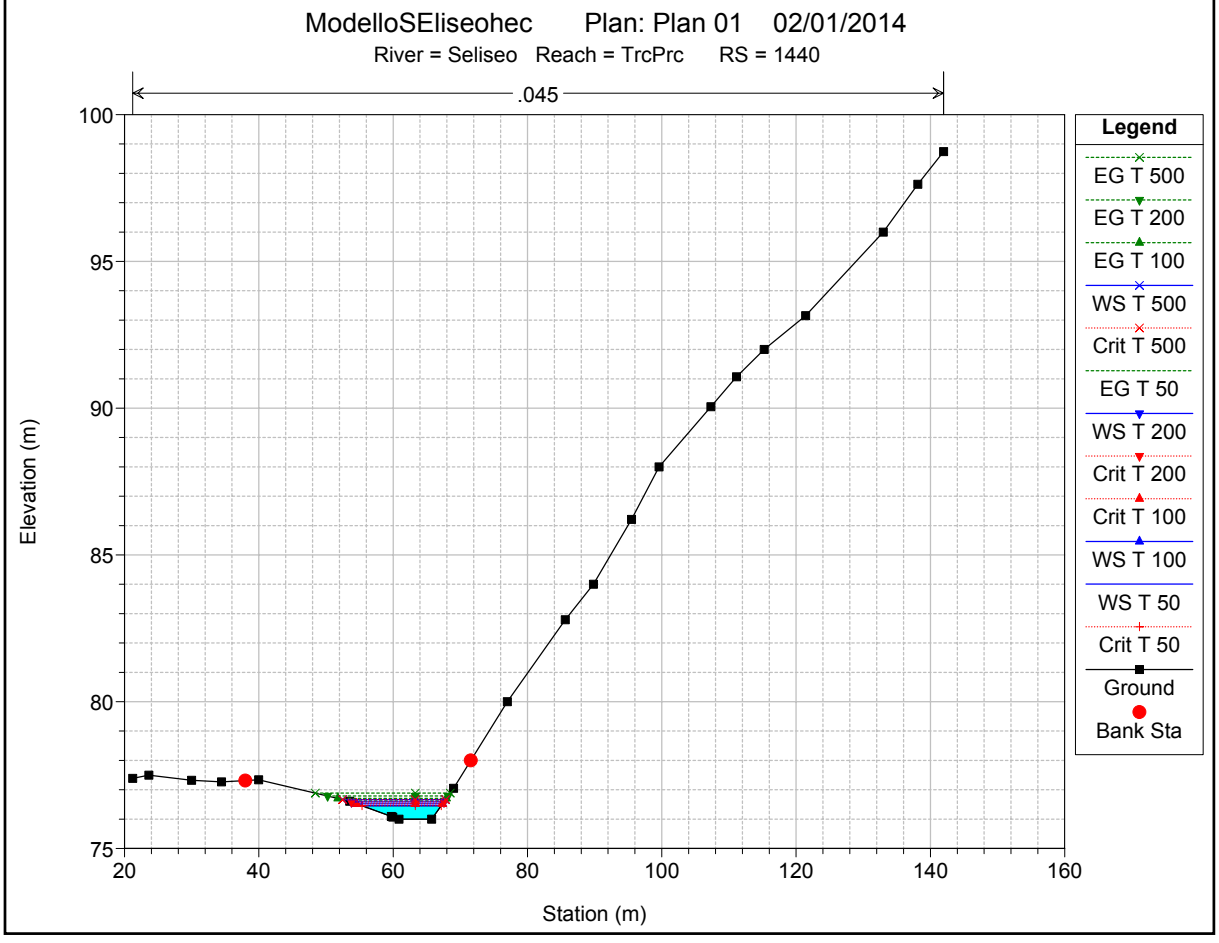

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1590
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
WS T 500
EG T 100
WS T 200
EG T 50
WS T 100
WS T 50
Ground
Bank Sta

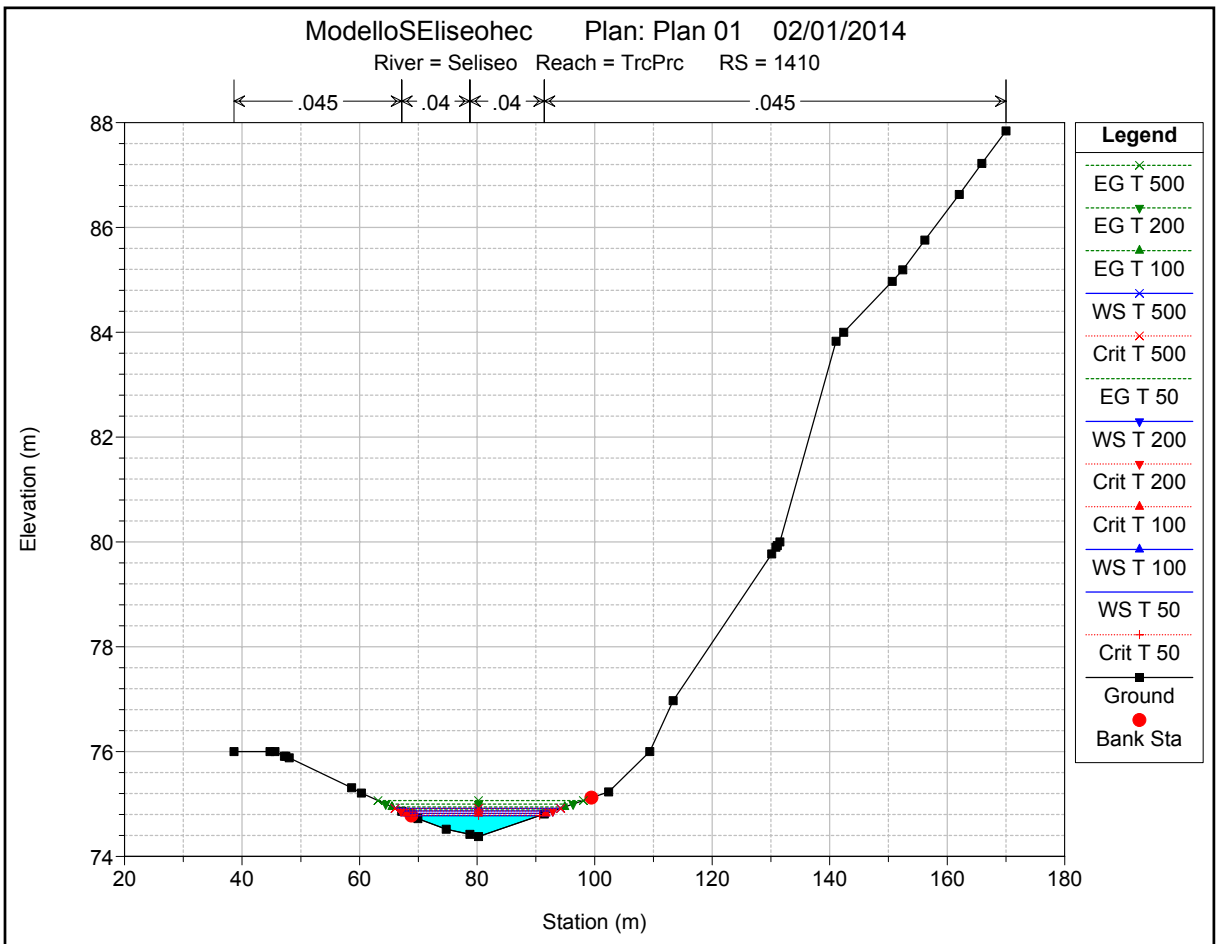

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1566
.045
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

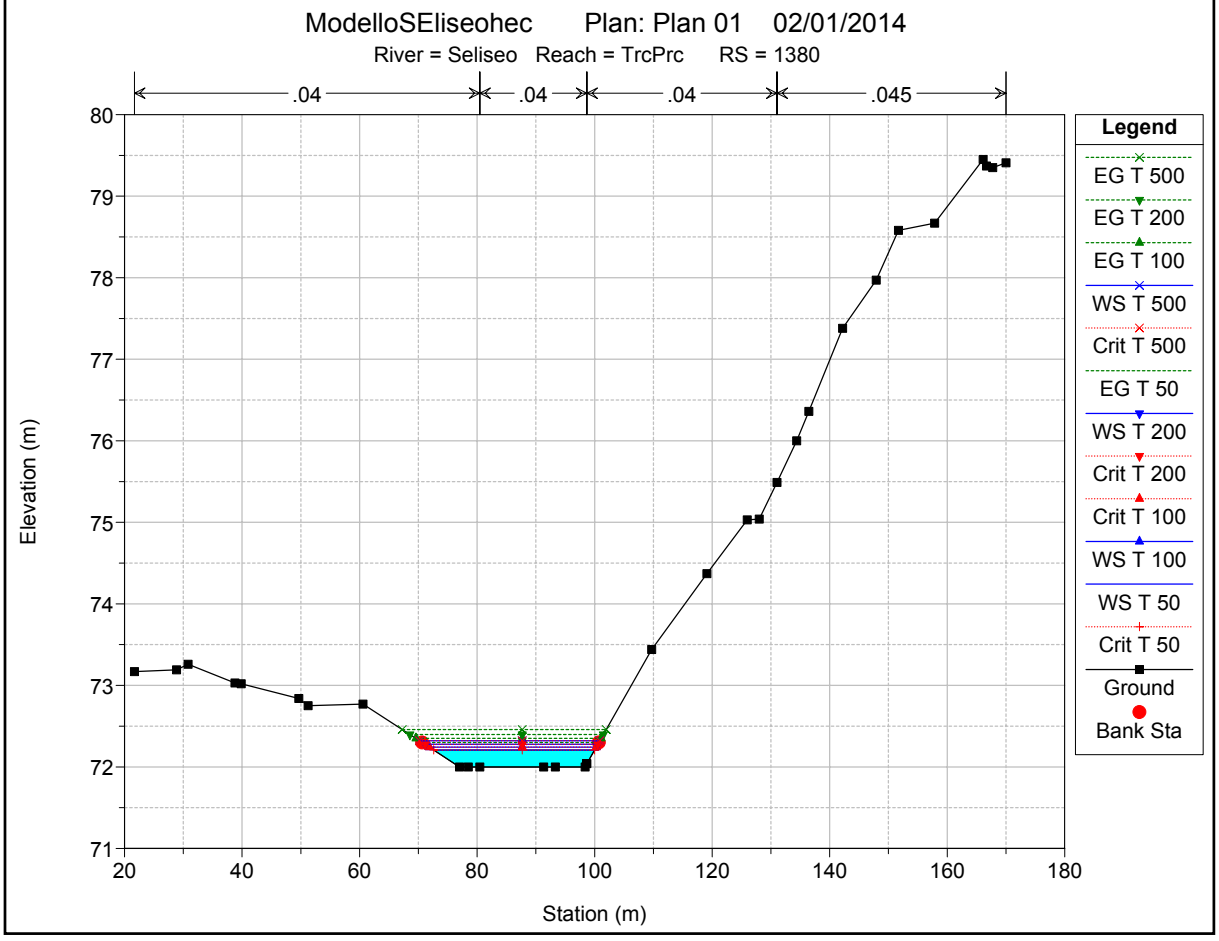

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1530
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

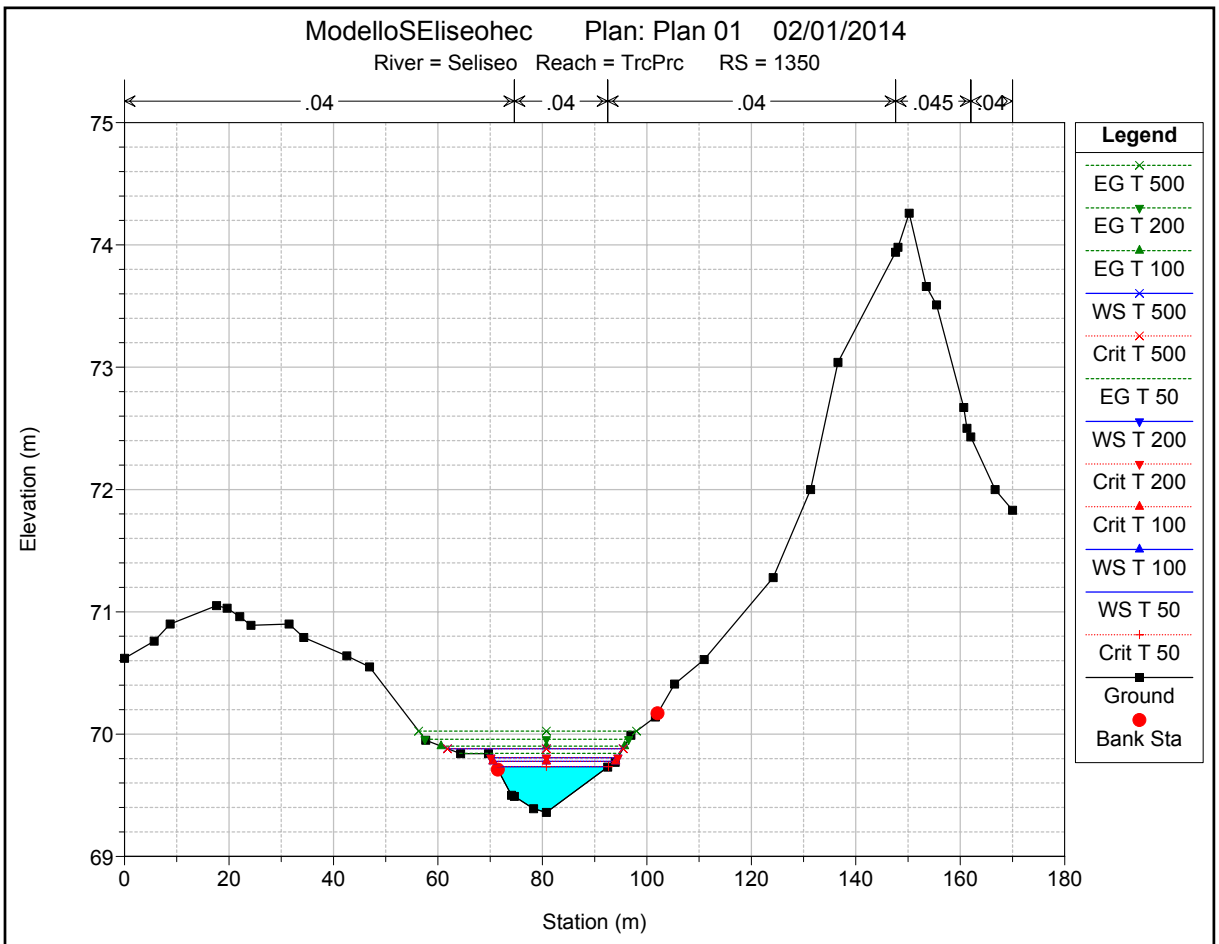

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1500
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

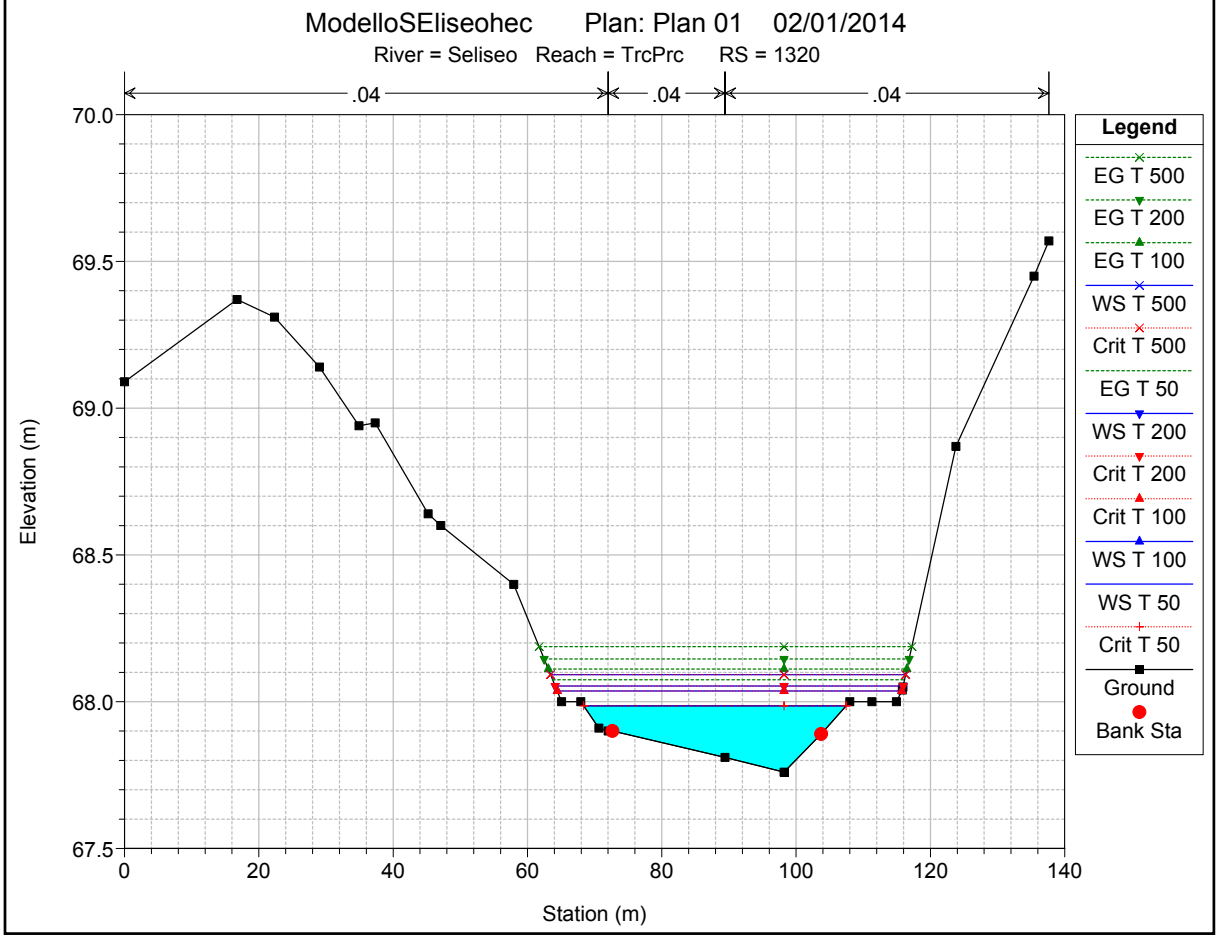

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1470
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

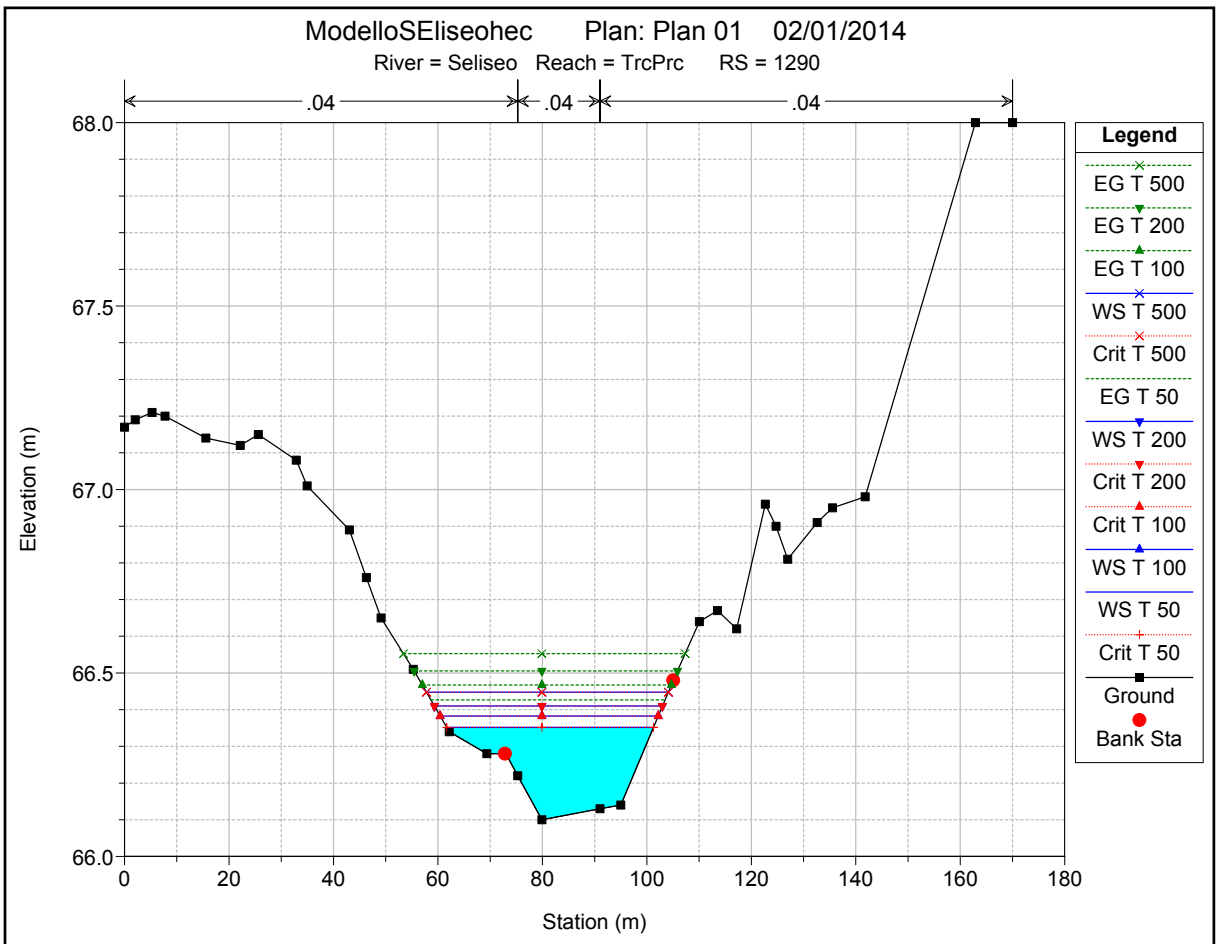

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1440
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

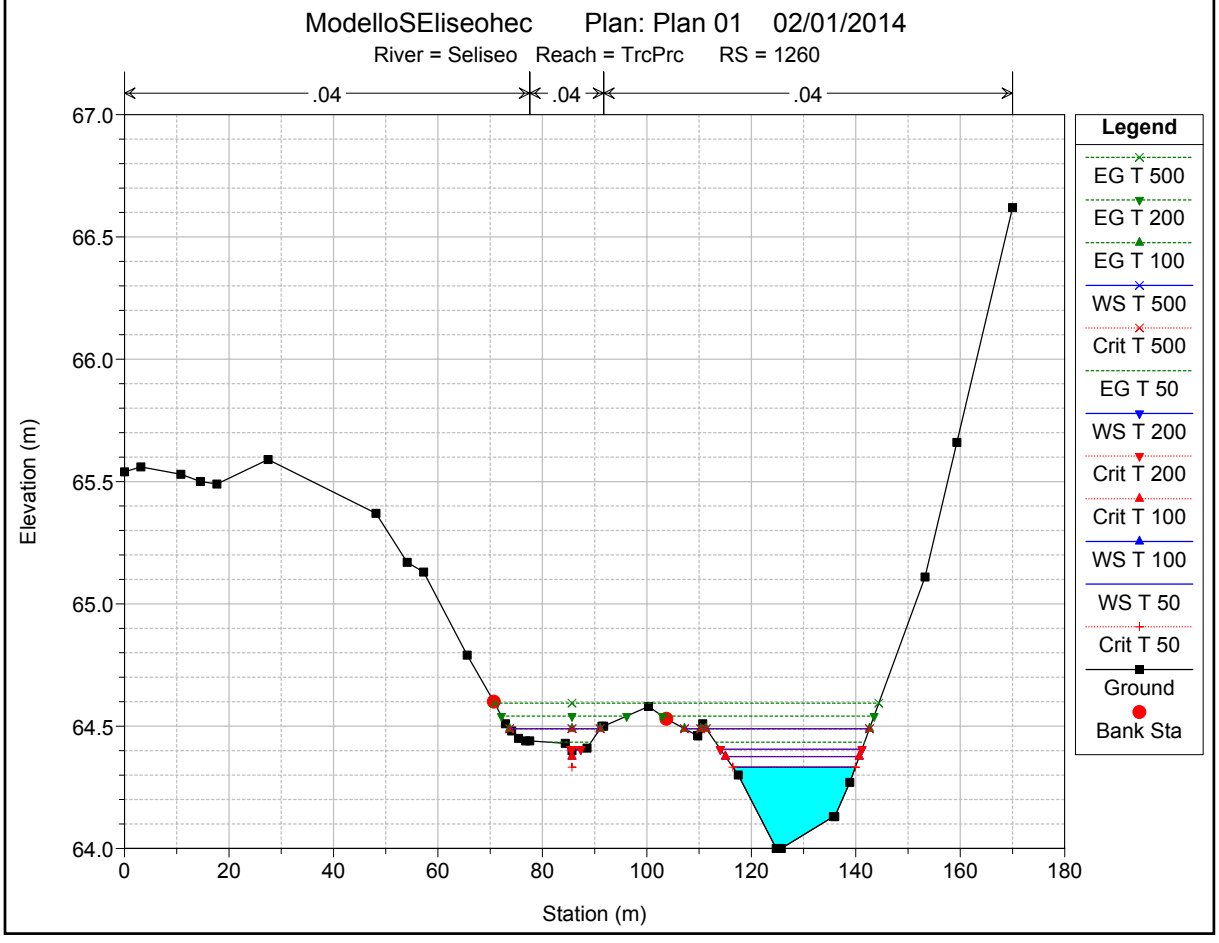

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1410
.045
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

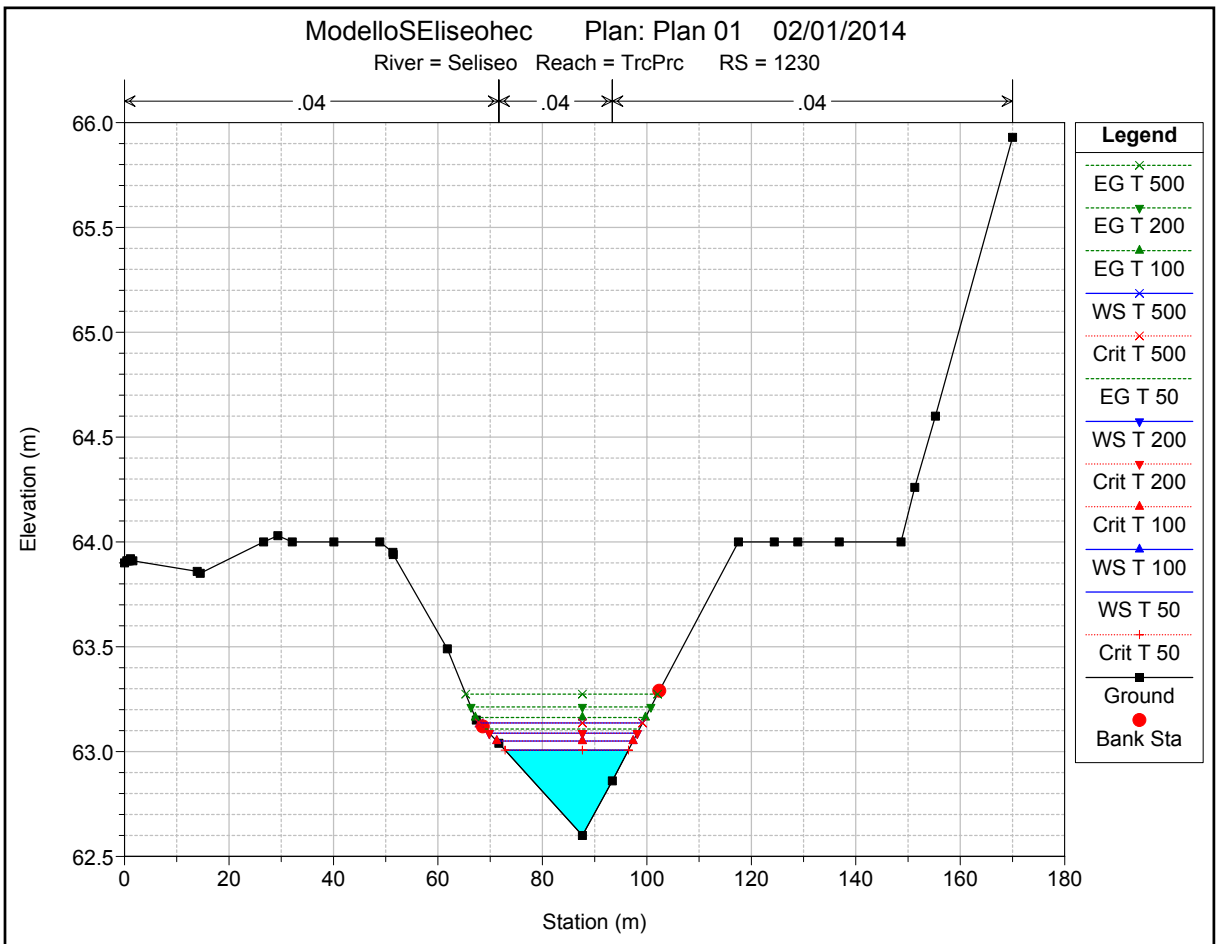

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1380
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

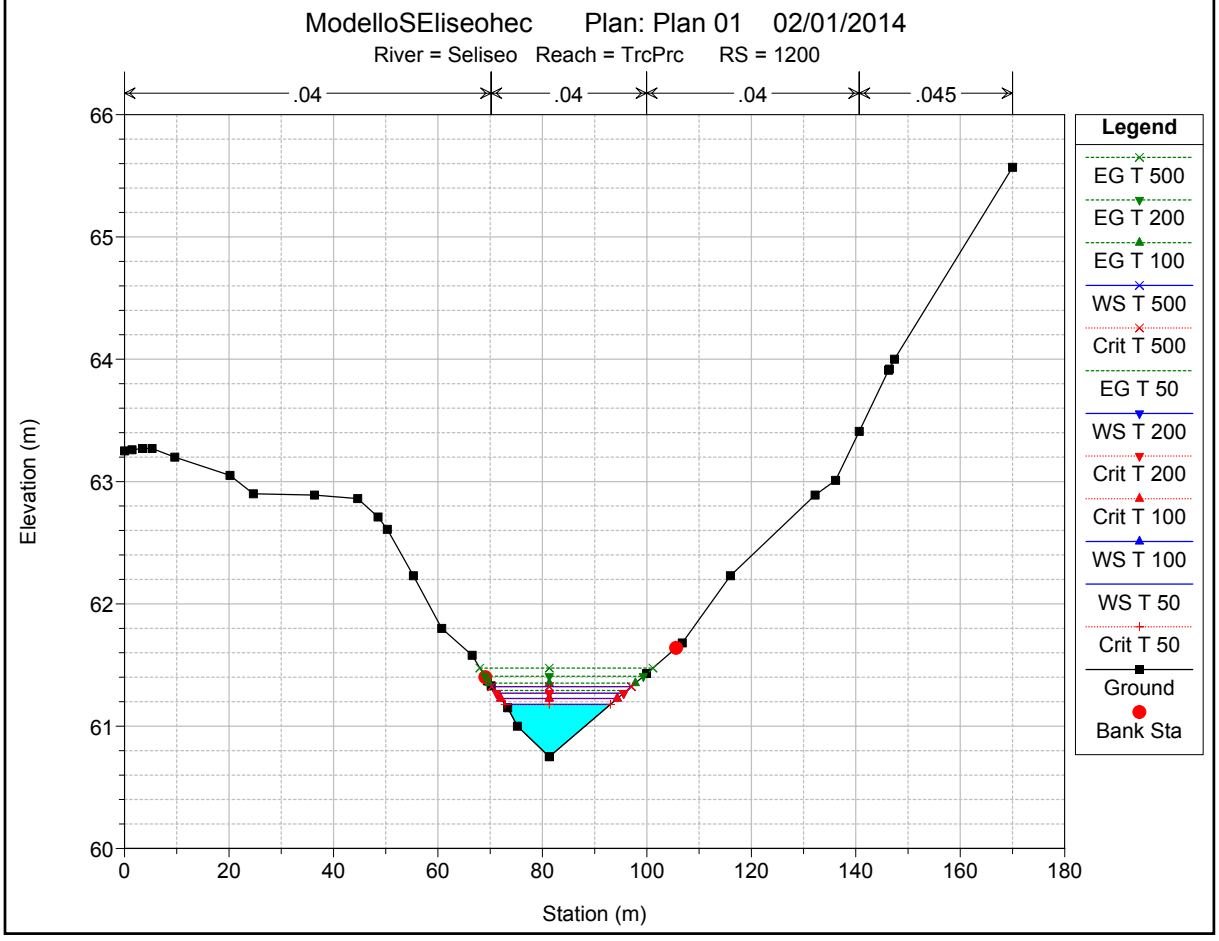

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1350
.04
.04
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

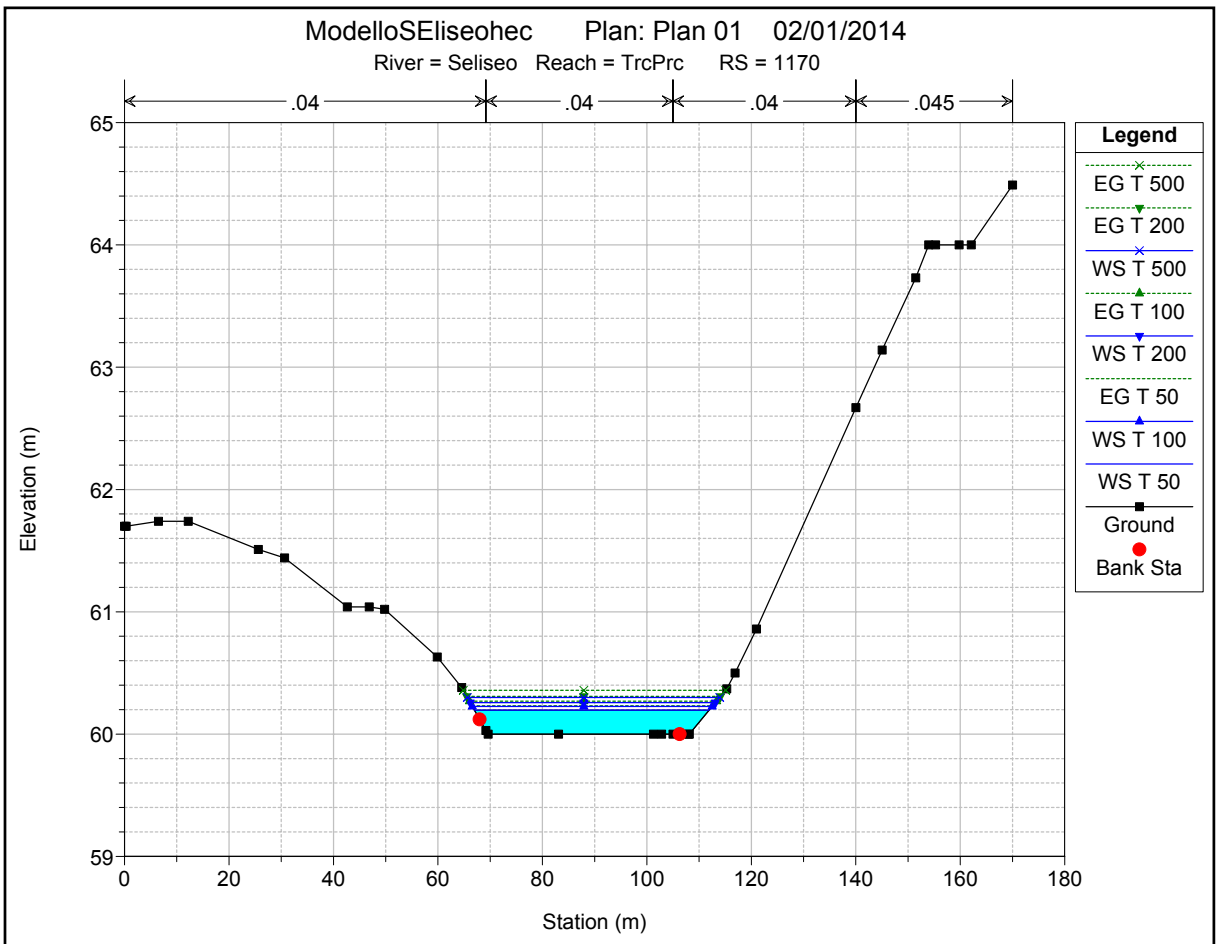

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1320
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

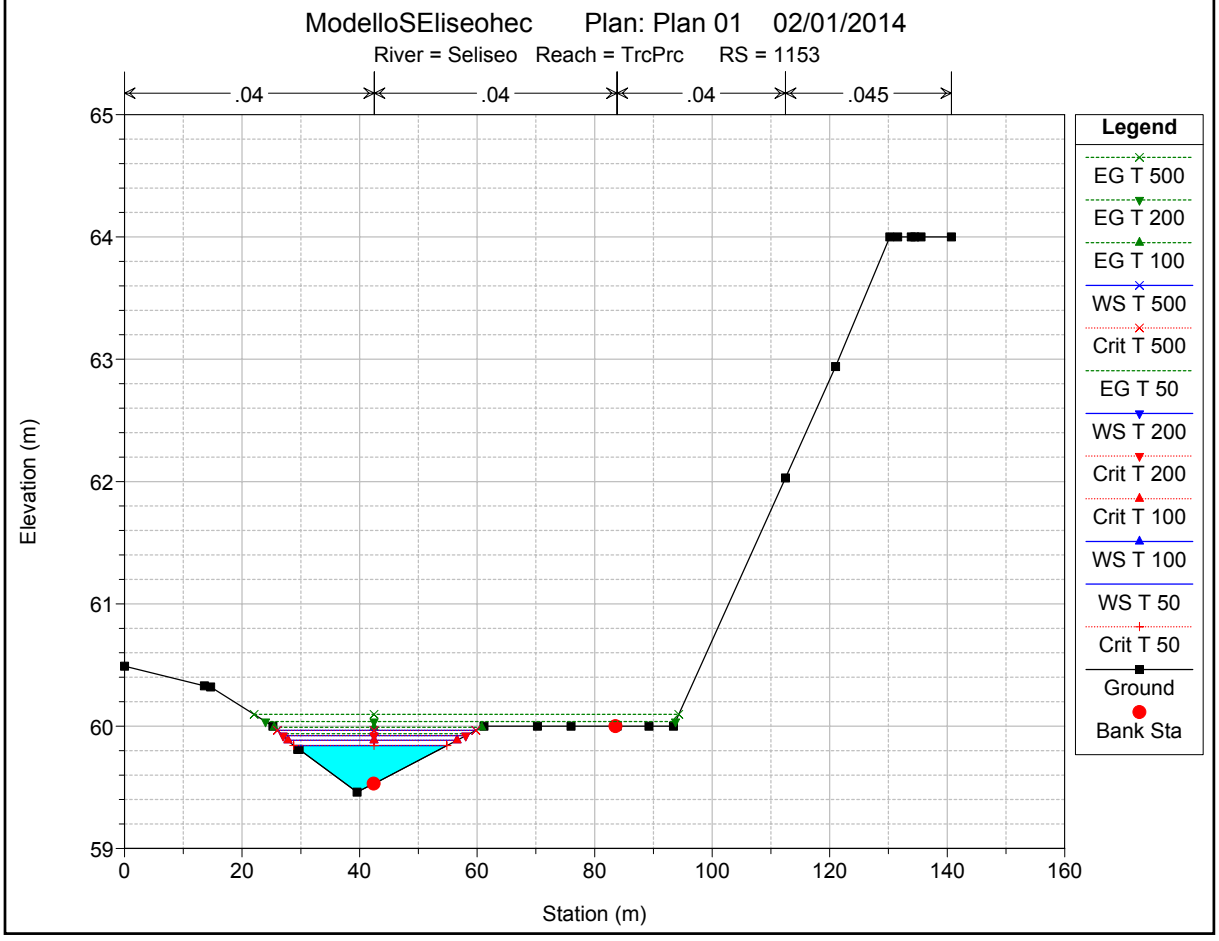

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1290
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

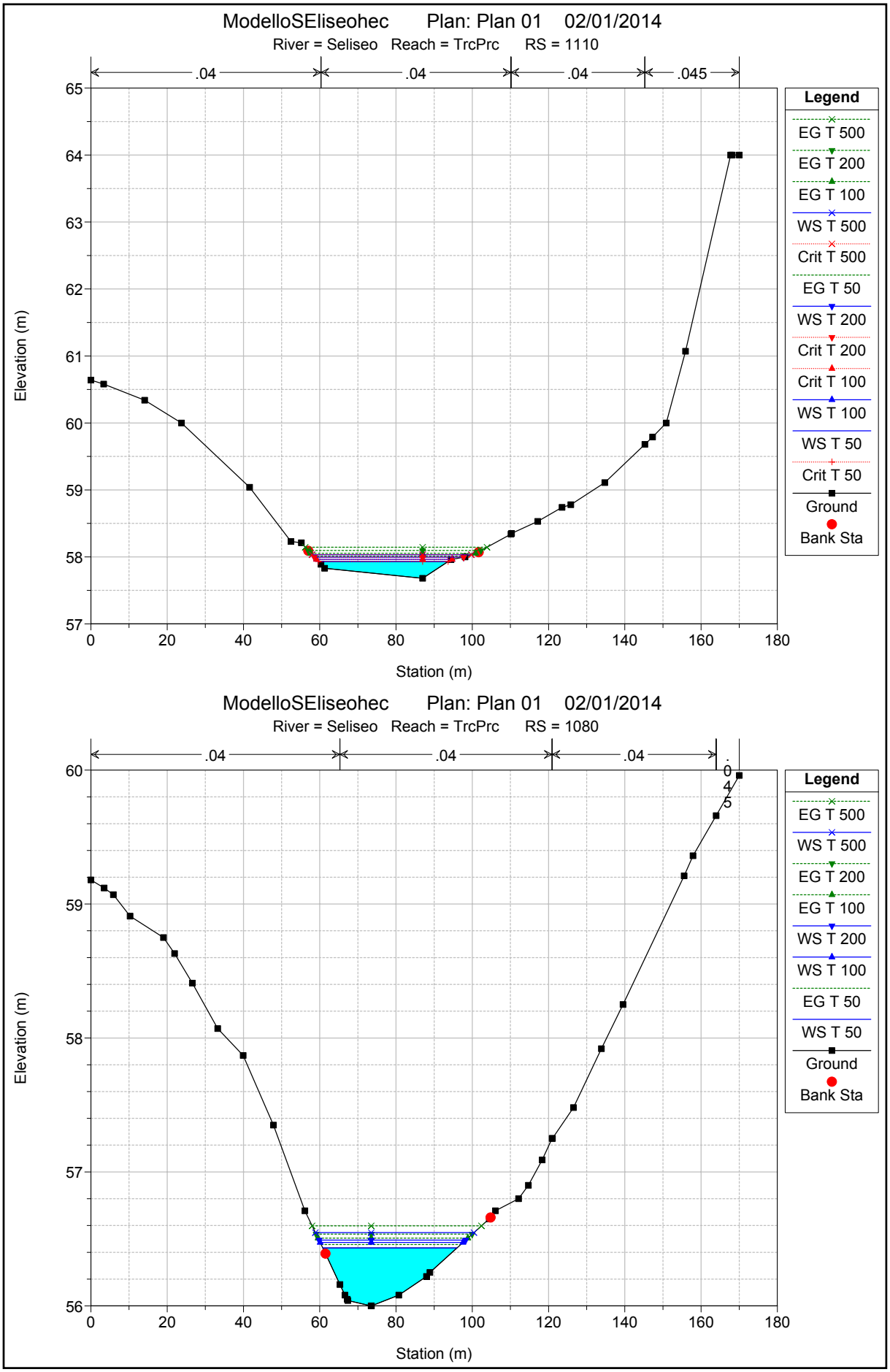

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1260
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

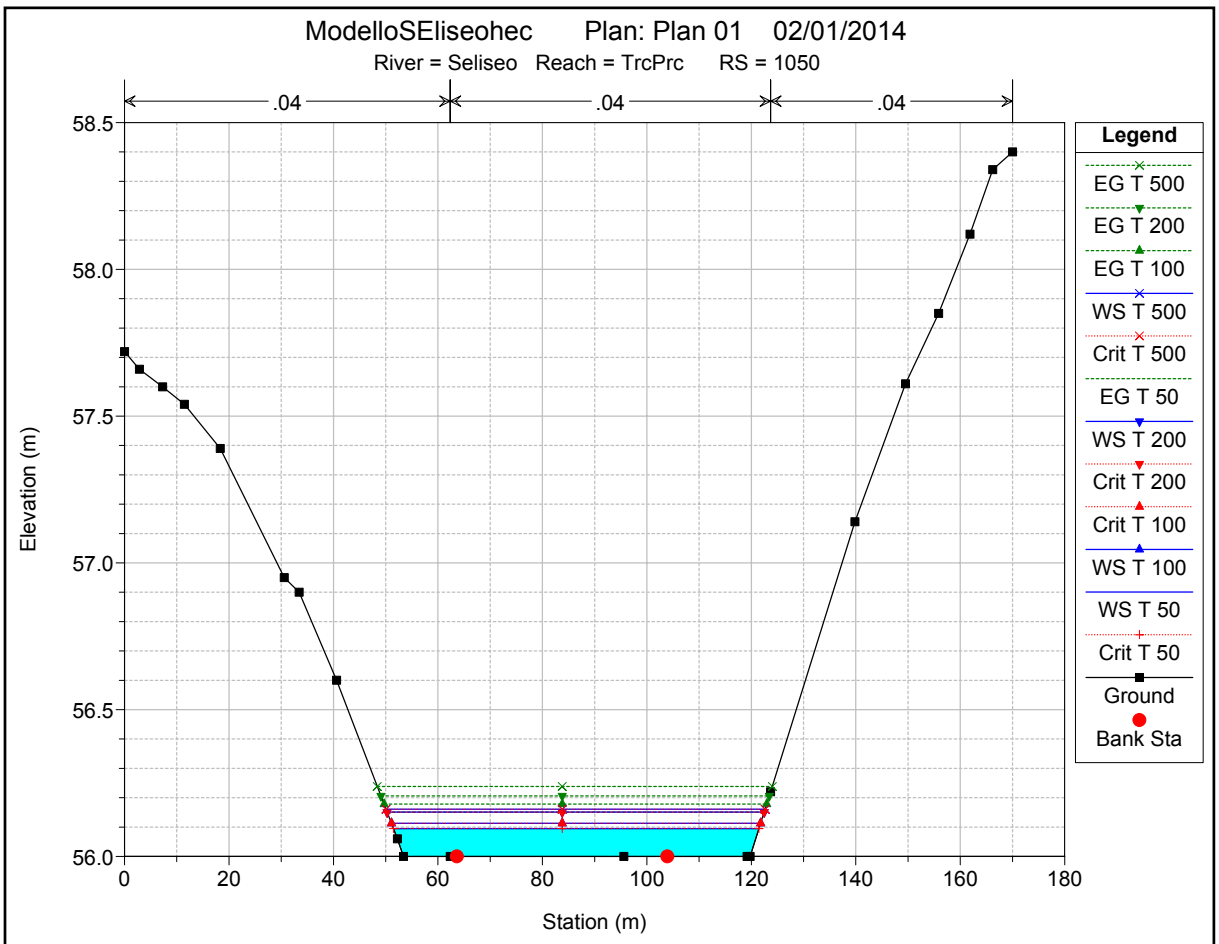

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1230
.04
.04
.04
Elevation (m)
66.0
65.5
65.0
64.5
64.0
63.5
63.0
62.5
0
20
40
60
80
100
120
140
160
180
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

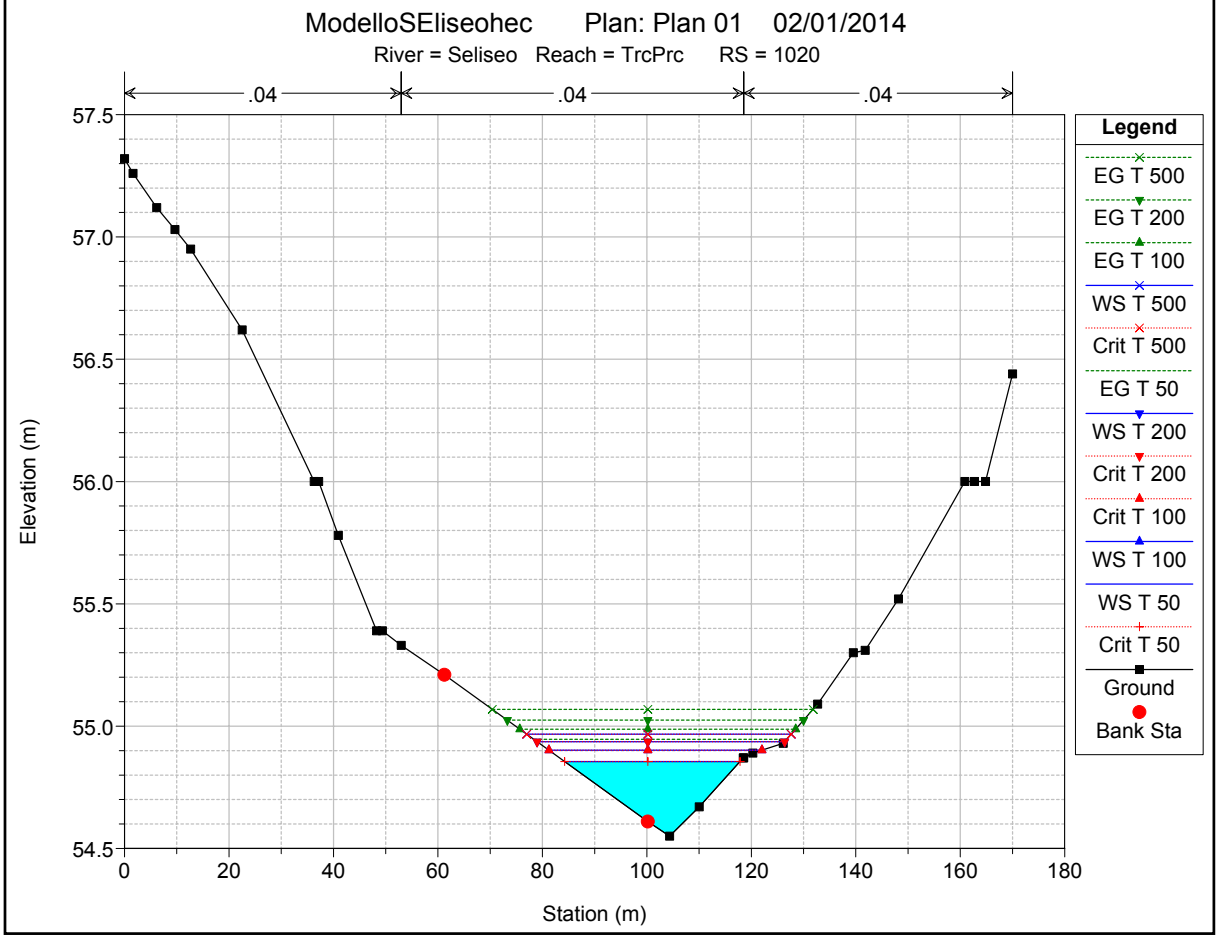

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1200
.04
.04
.04
.045
Elevation (m)
66
65
64
63
62
61
60
0
20
40
60
80
100
120
140
160
180
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

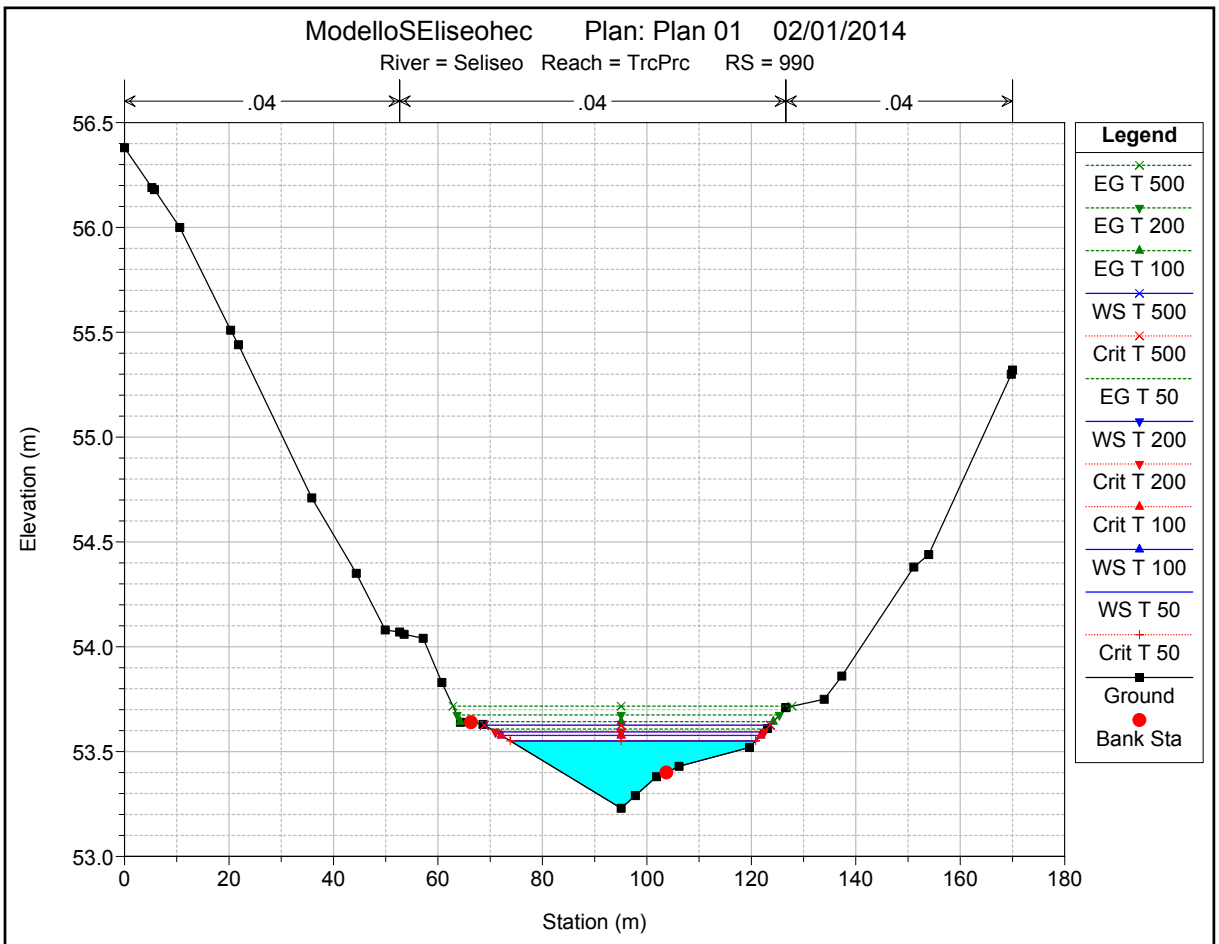

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1170
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
WS T 500
EG T 100
WS T 200
EG T 50
WS T 100
WS T 50
Ground
Bank Sta

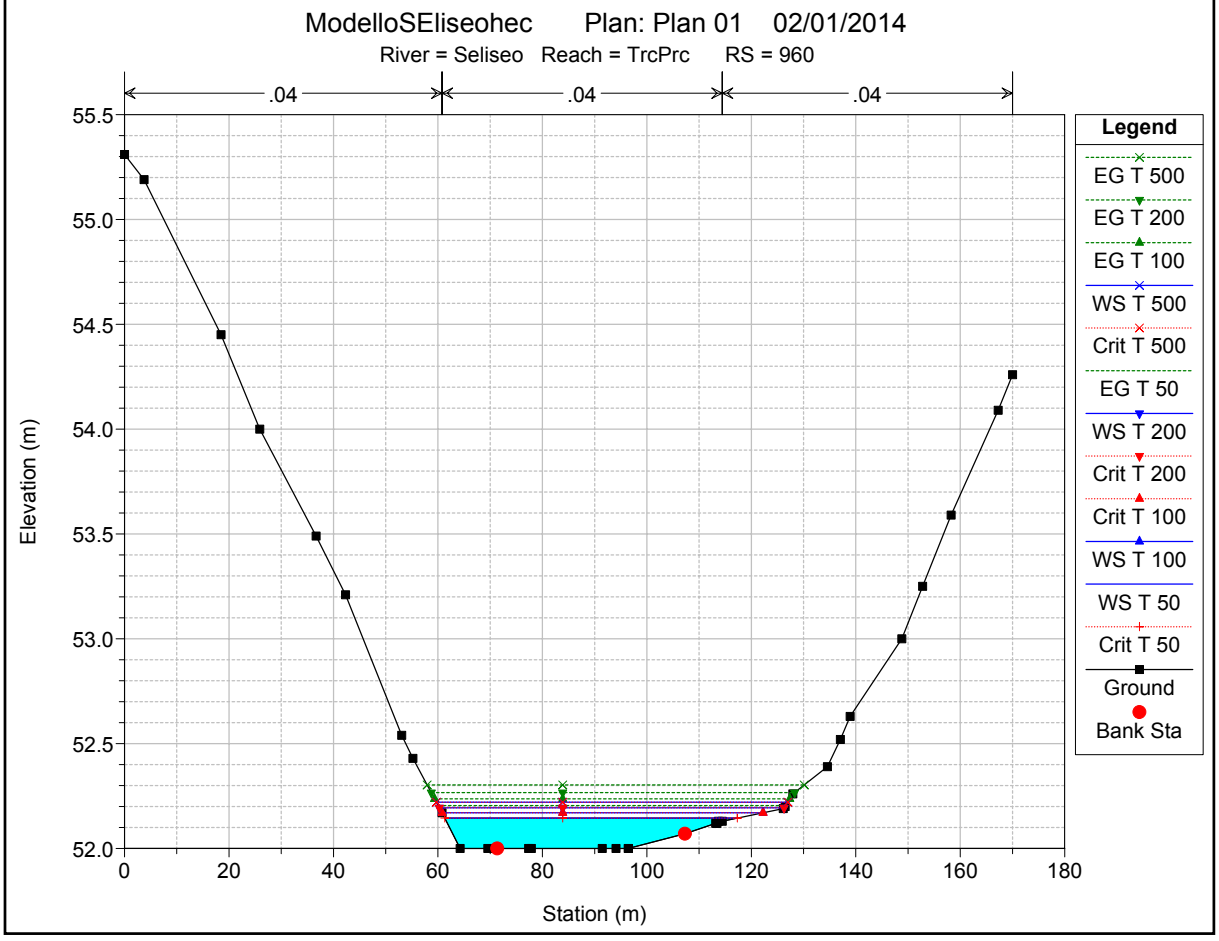

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1153
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

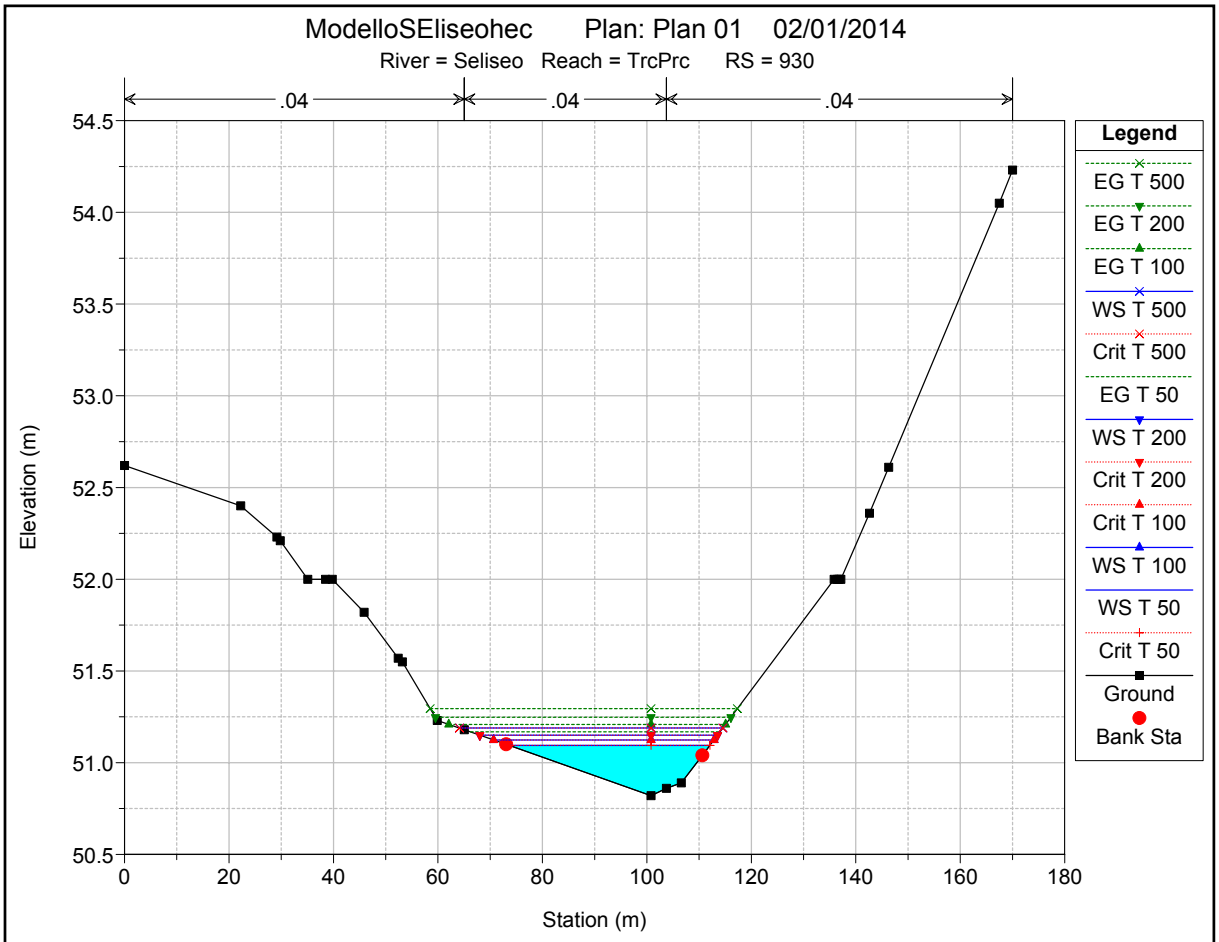

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1110
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1080
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
EG T 100
WS T 200
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

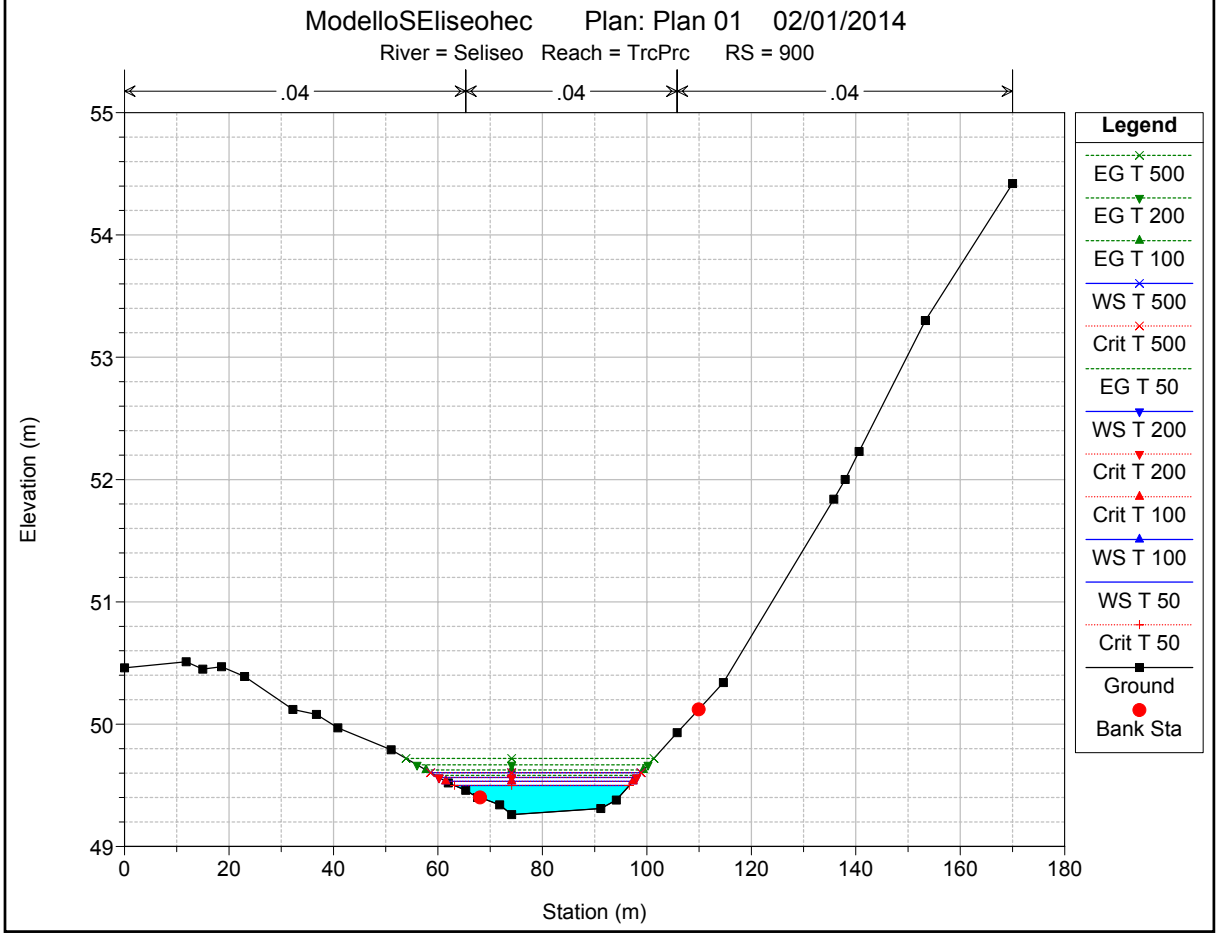

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1050
.04
.04
.04
Elevation (m)
58.5
58.0
57.5
57.0
56.5
56.0
0
20
40
60
80
100
120
140
160
180
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

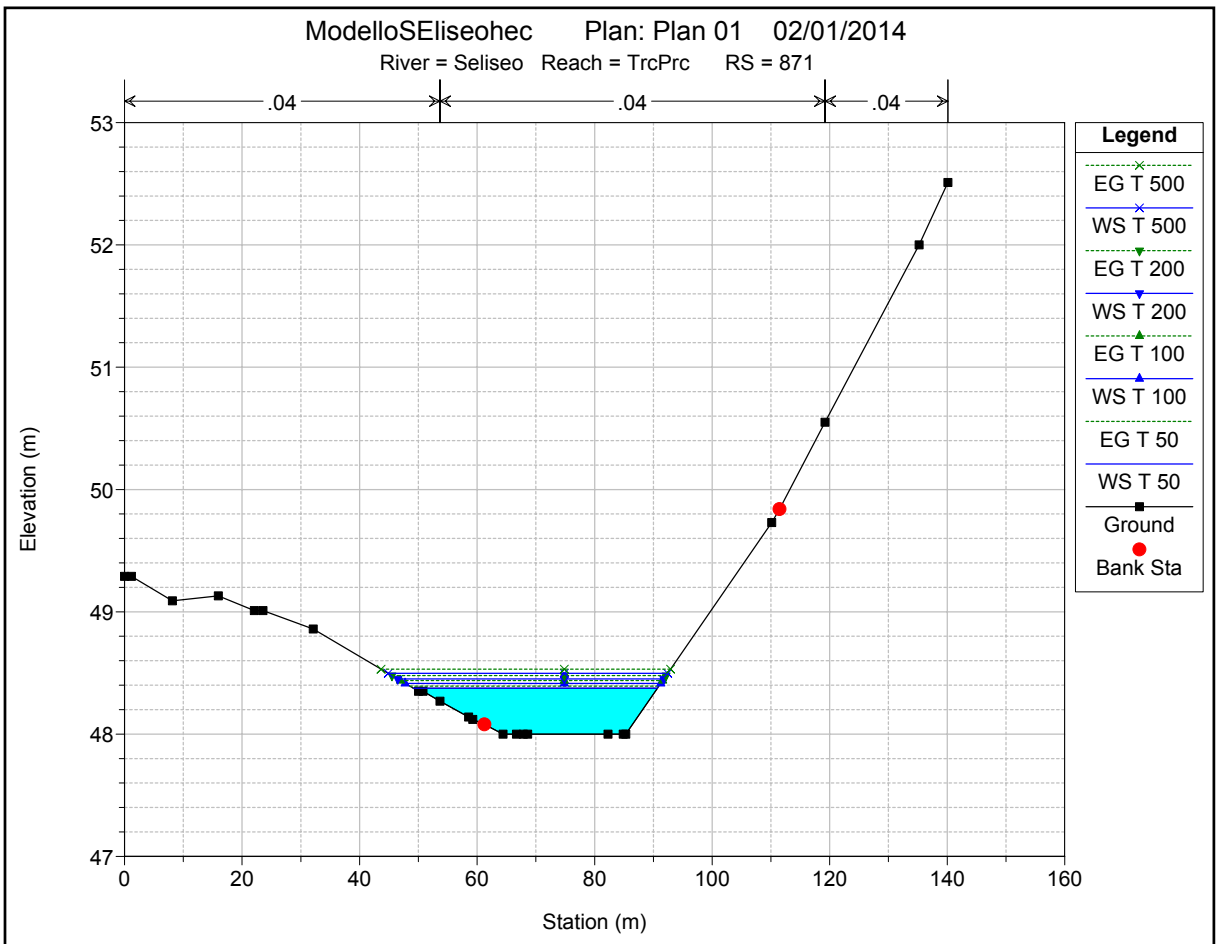

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 1020
.04
.04
.04
Elevation (m)
57.5
57.0
56.5
56.0
55.5
55.0
54.5
0
20
40
60
80
100
120
140
160
180
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

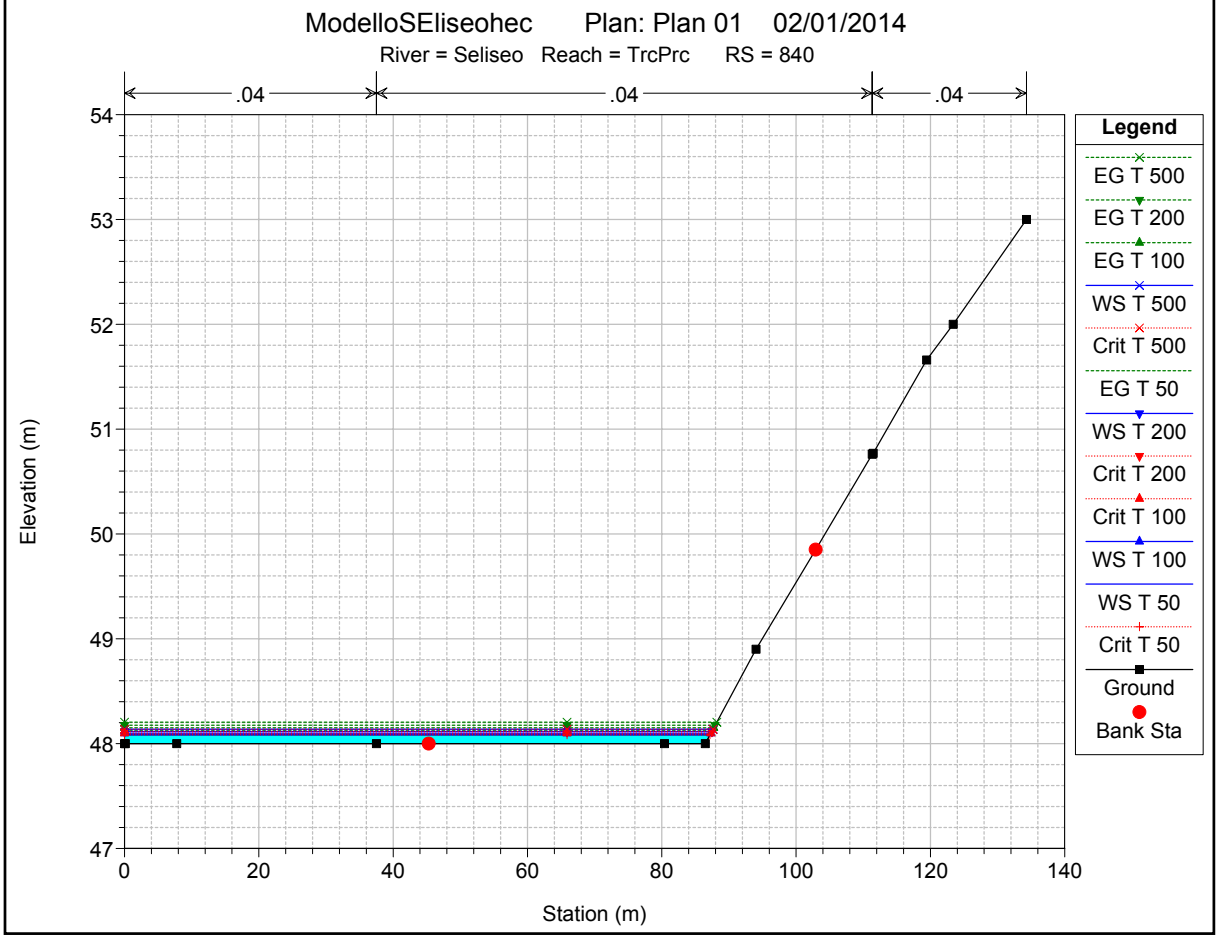

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 990
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

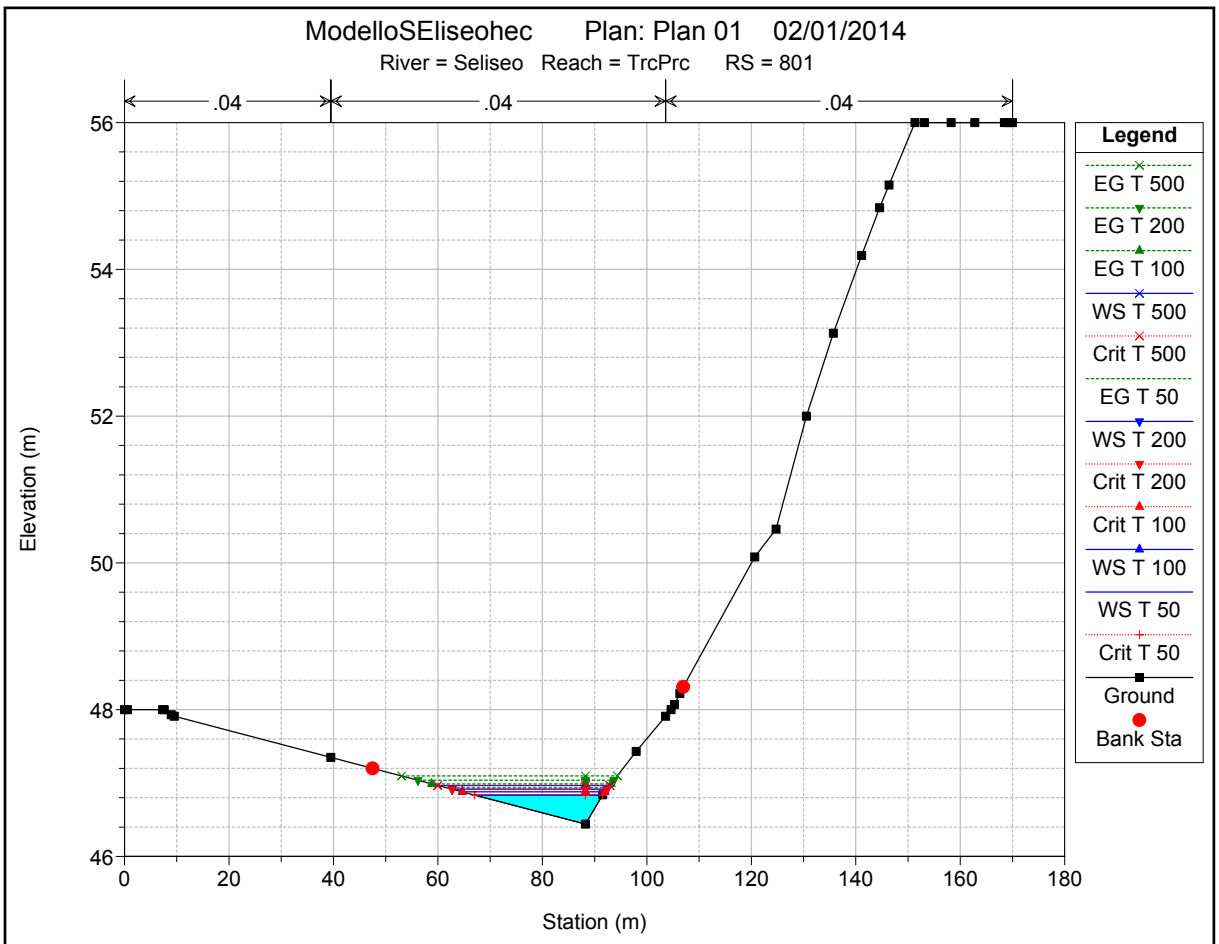

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 960
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

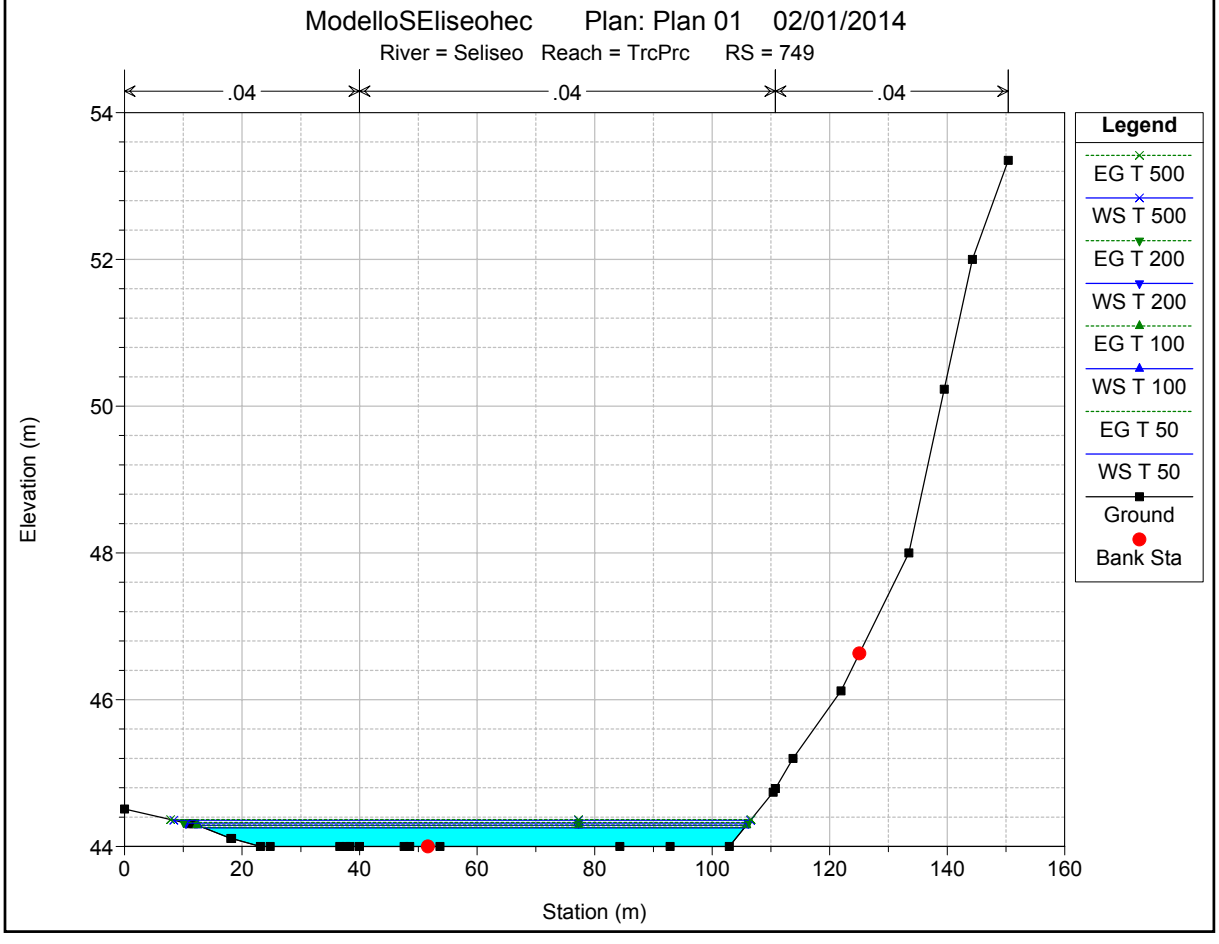

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 930
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

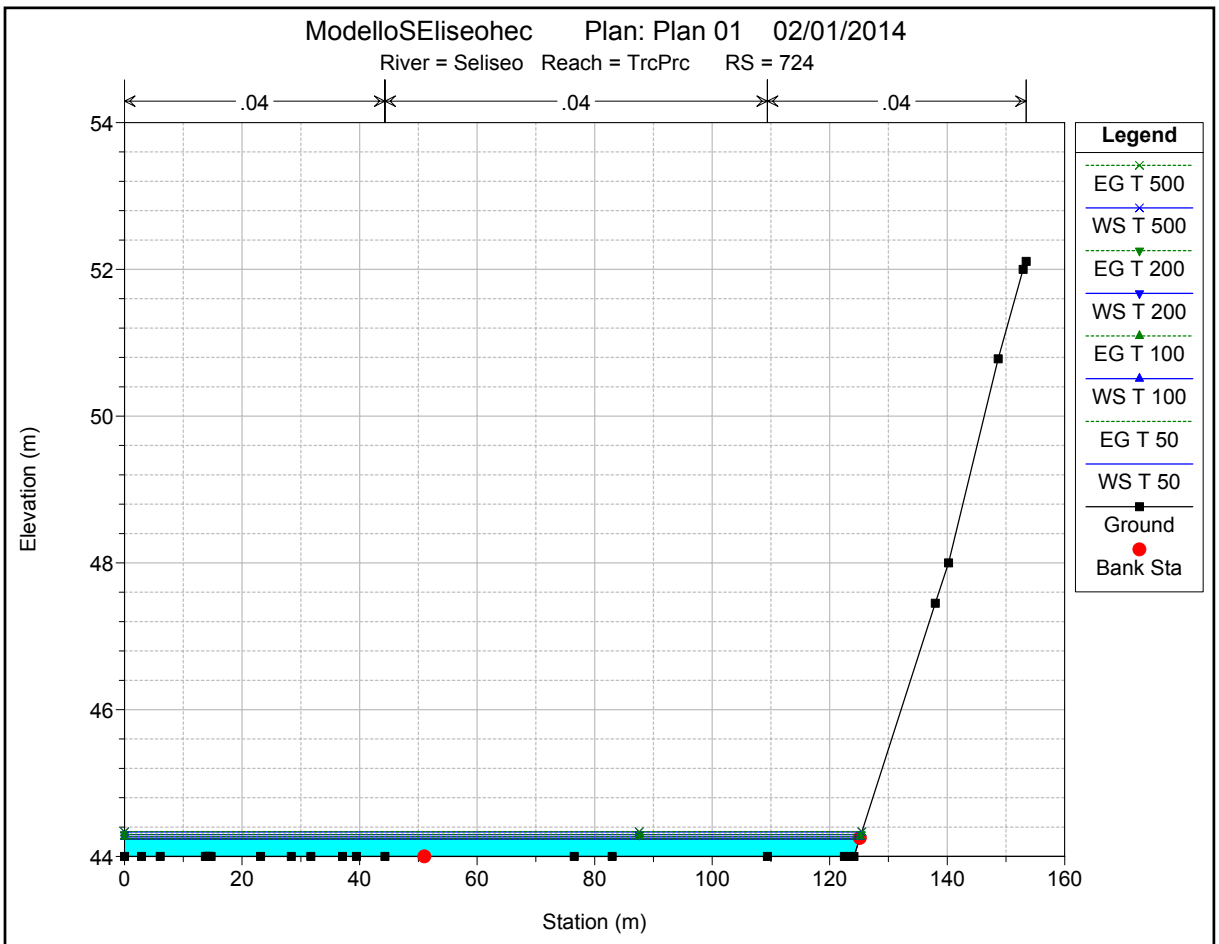

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 900
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

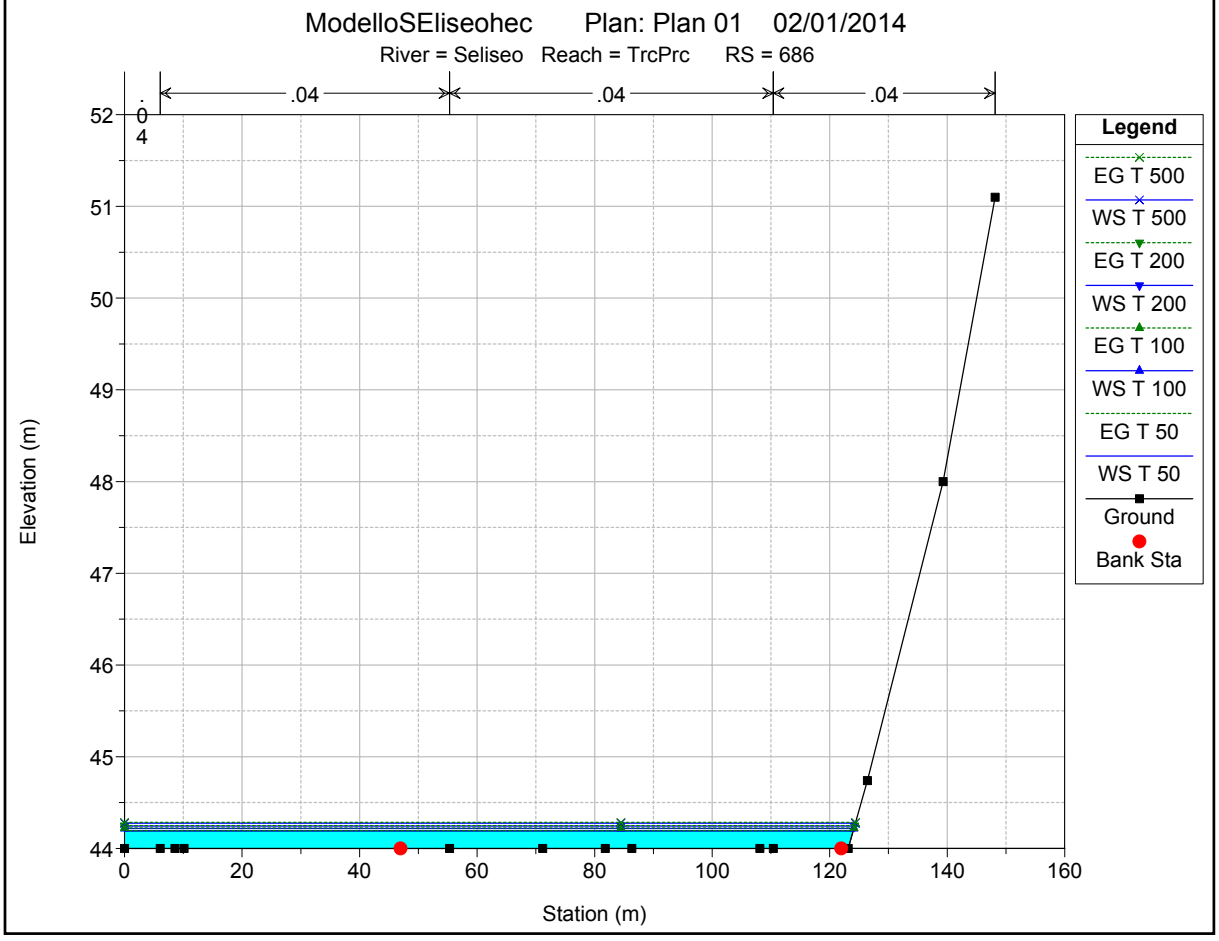

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 871
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

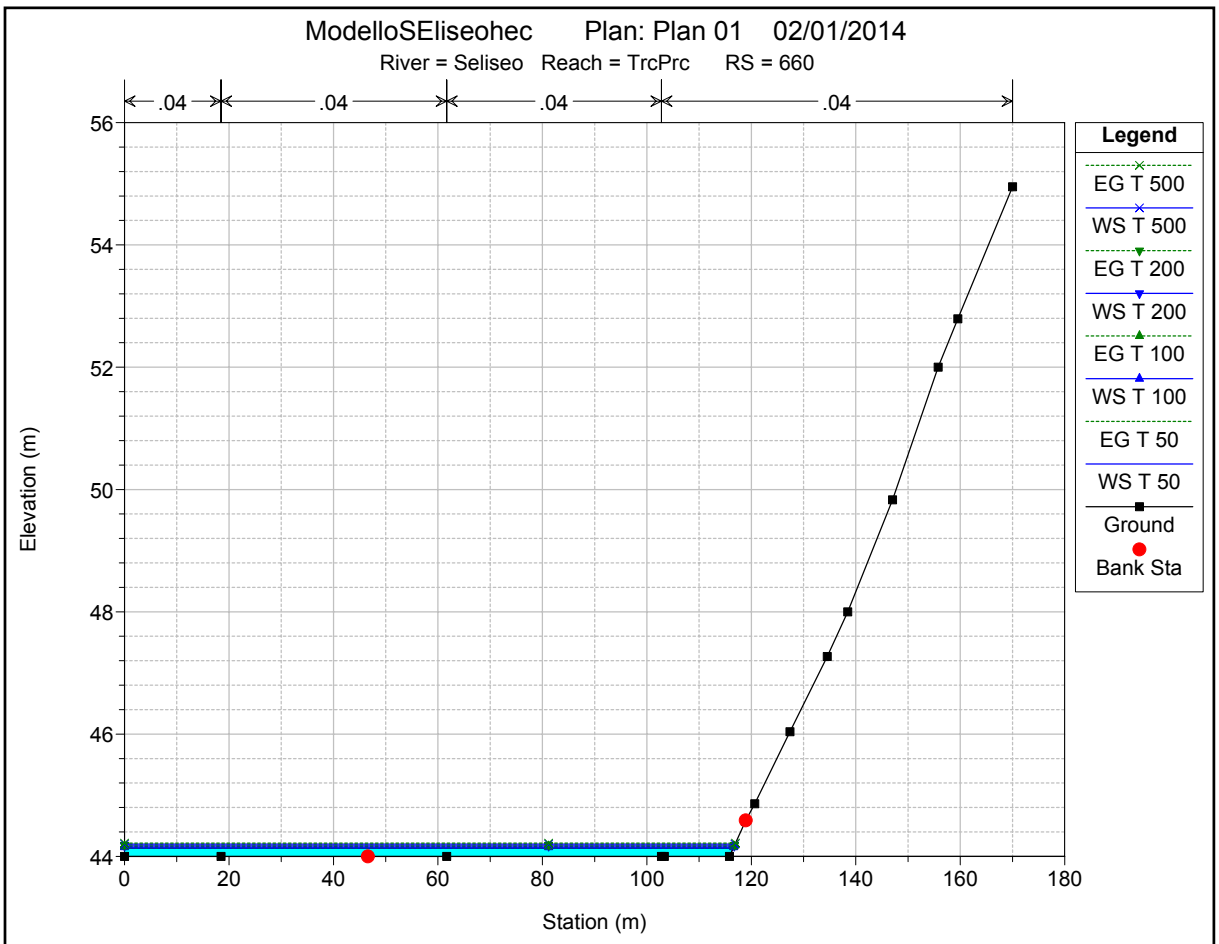

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 840
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

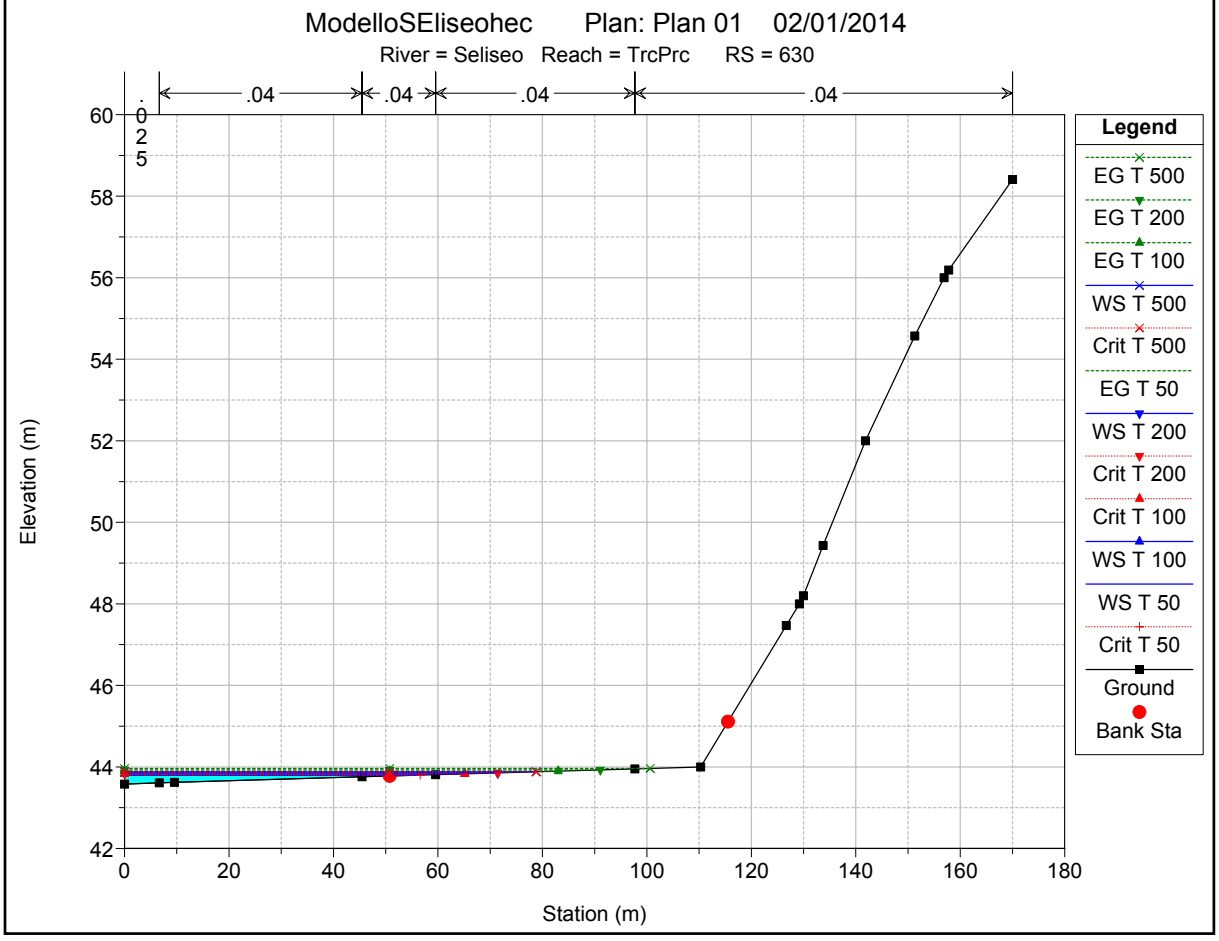

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 801
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

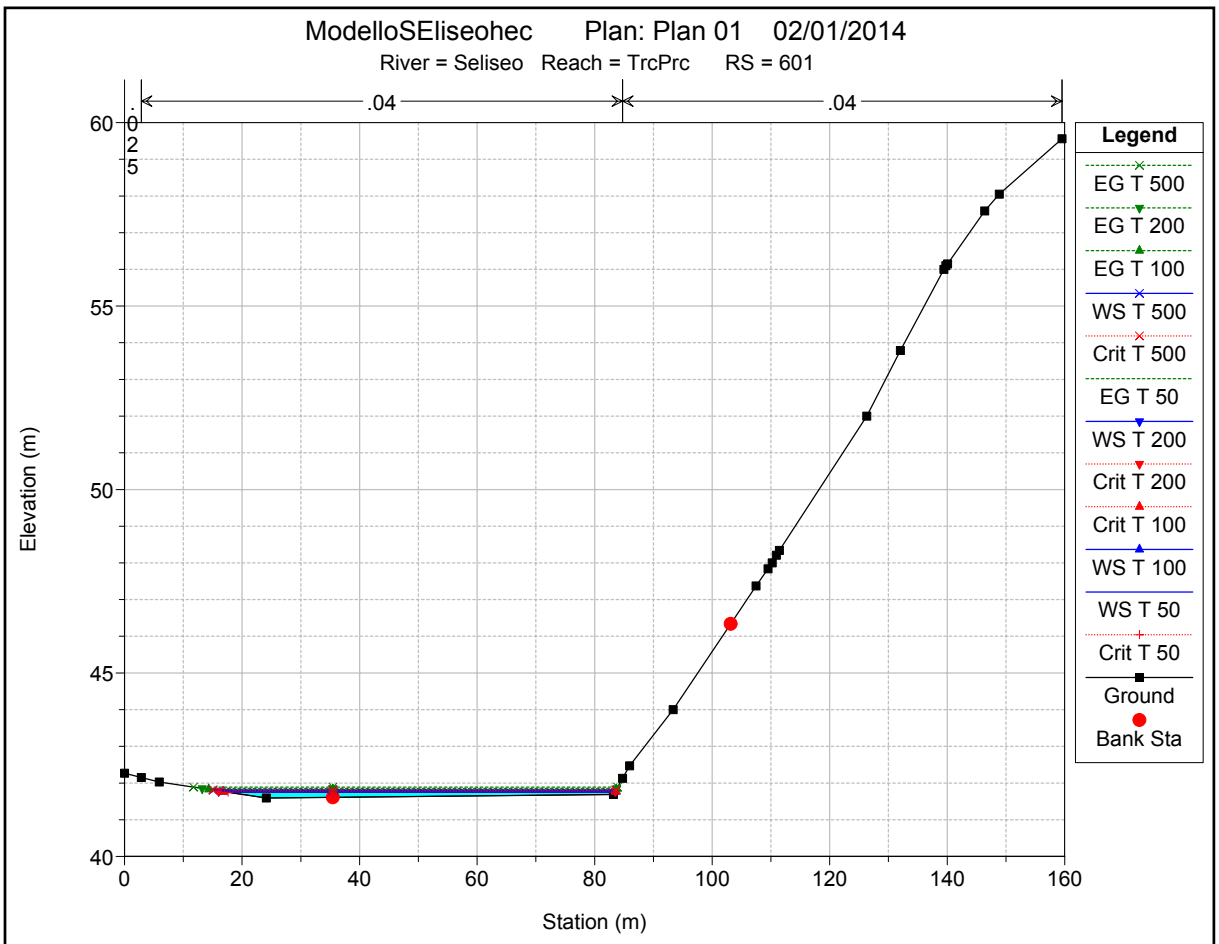

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 749
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

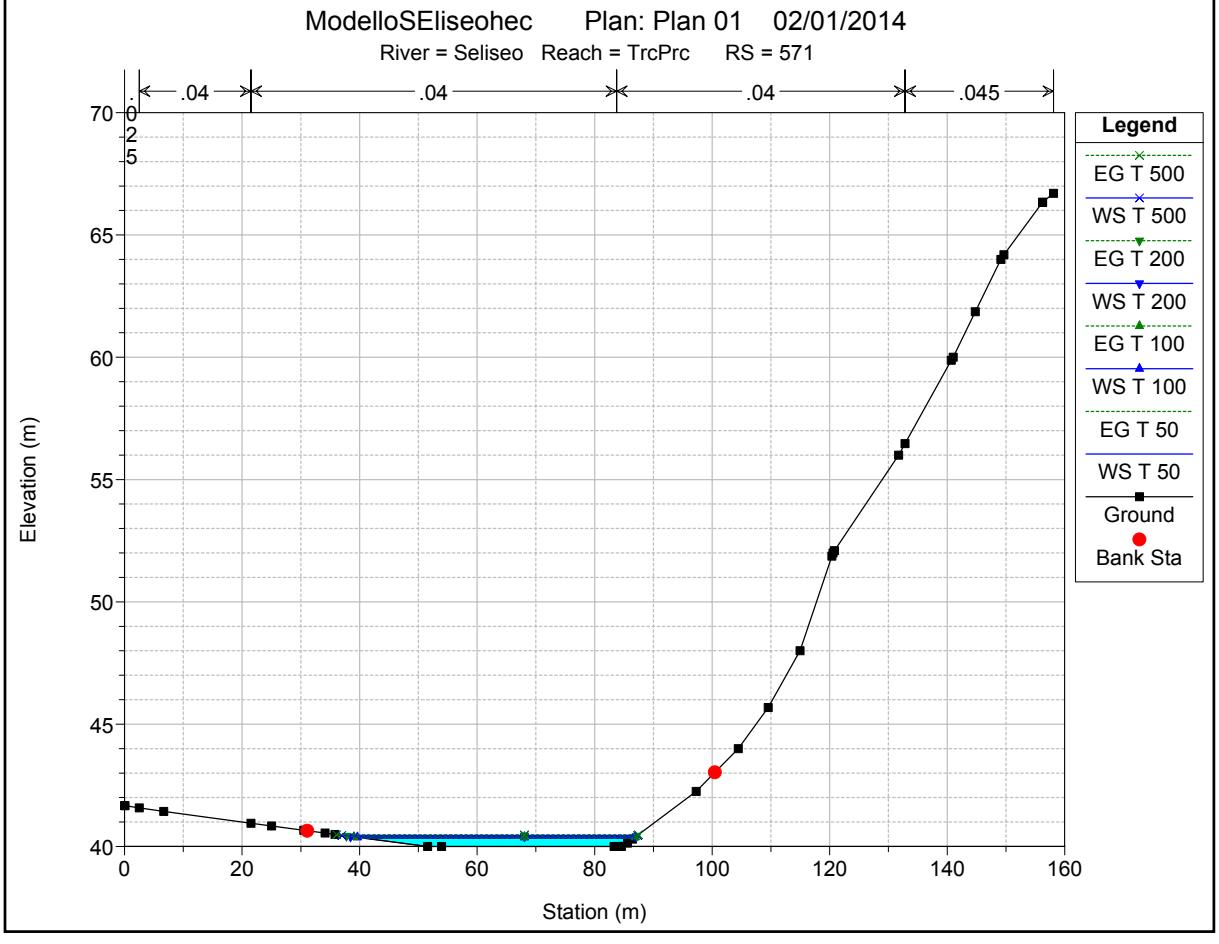

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 724
.04
.04
.04
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
54
52
50
48
46
44
0
20
40
60
80
100
120
140
160

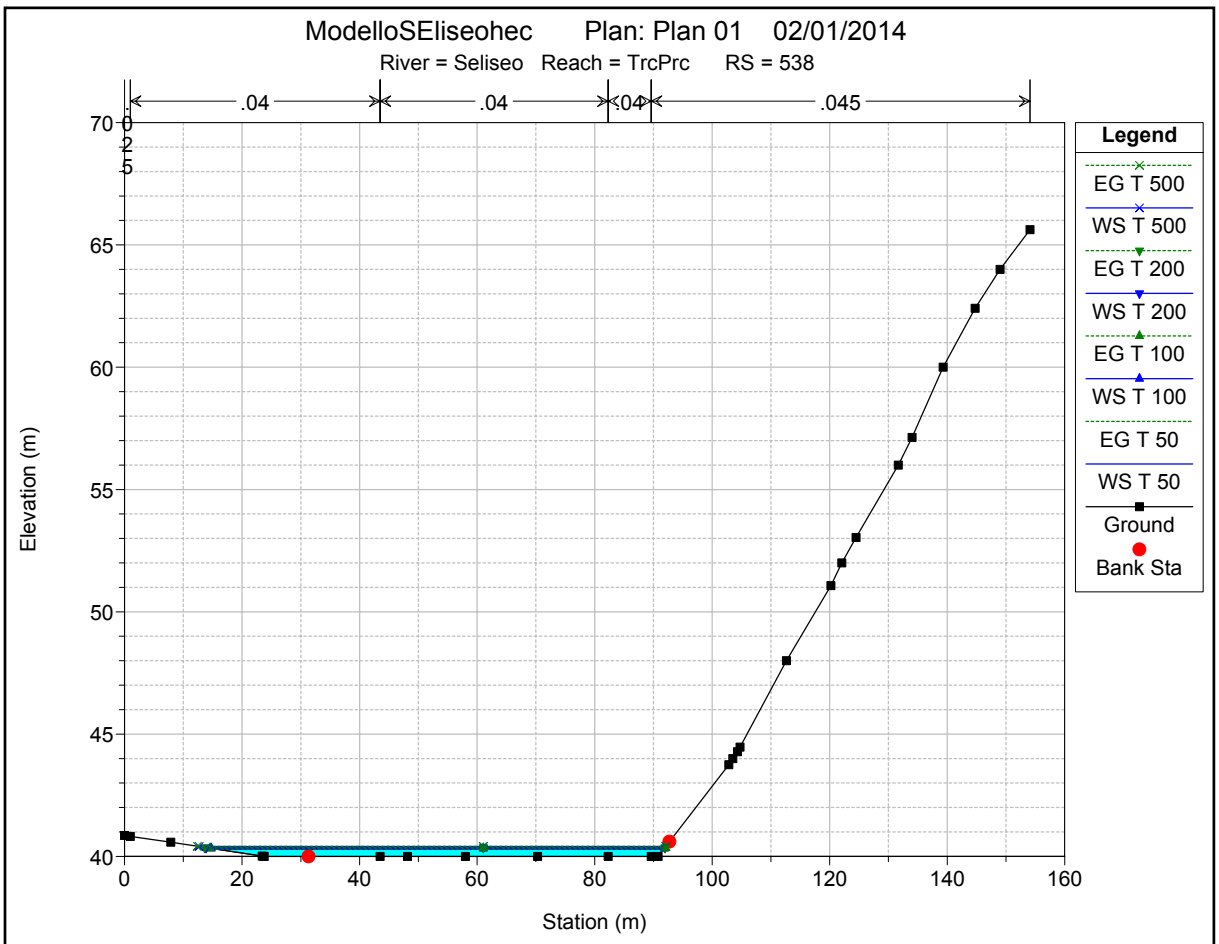

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 686
.04
.04
.04
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
52
51
50
49
48
47
46
45
44
0
20
40
60
80
100
120
140
160

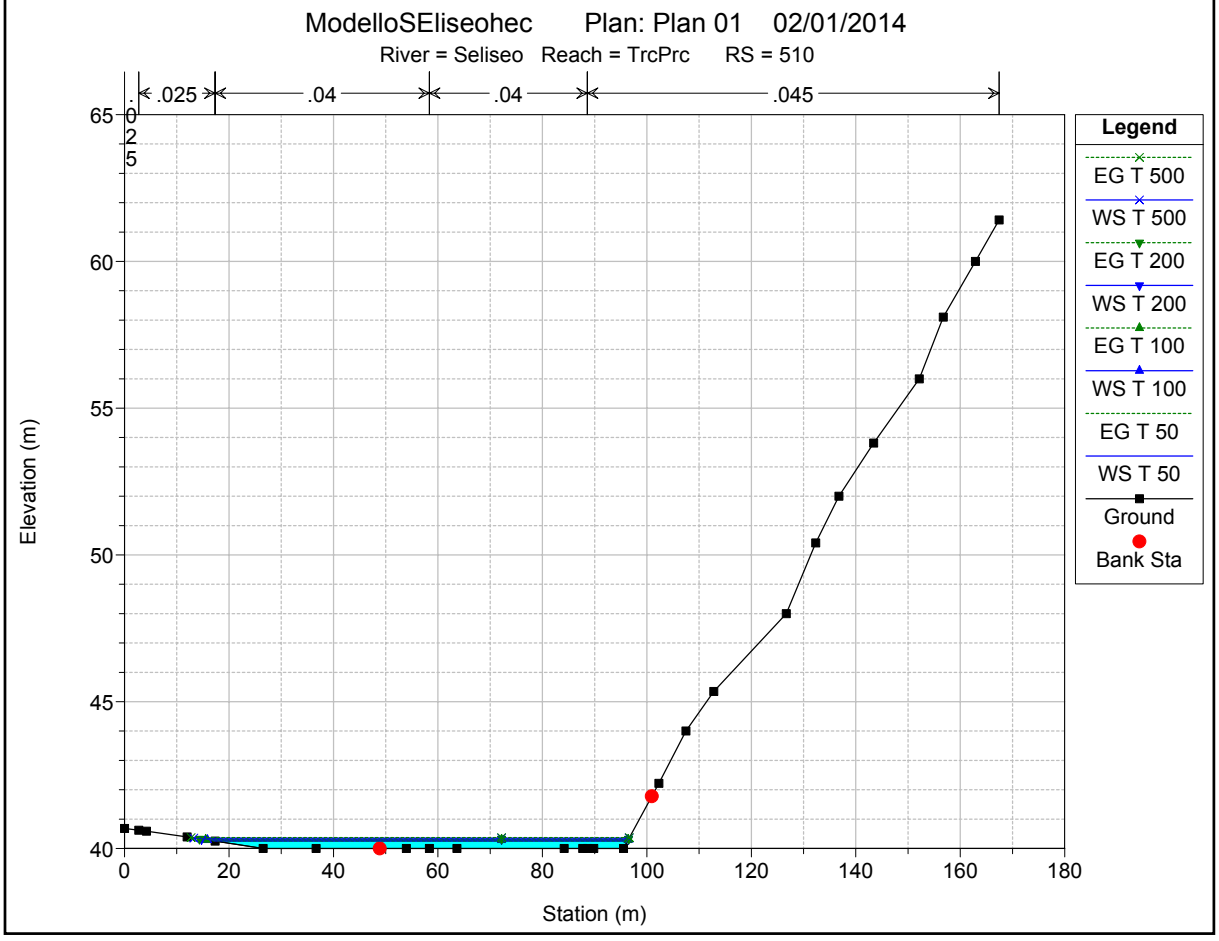

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 660
.04
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

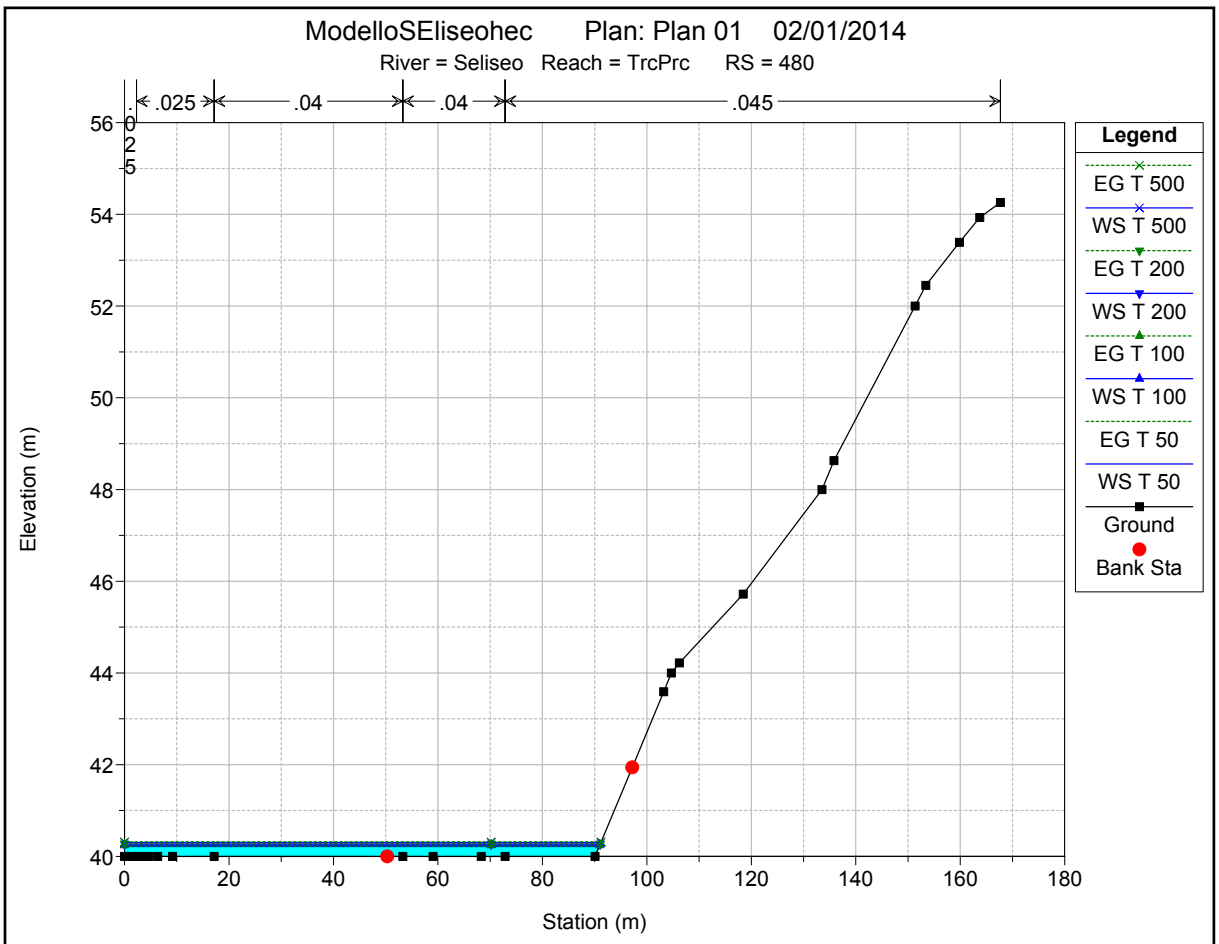

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 630
.025
.04
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

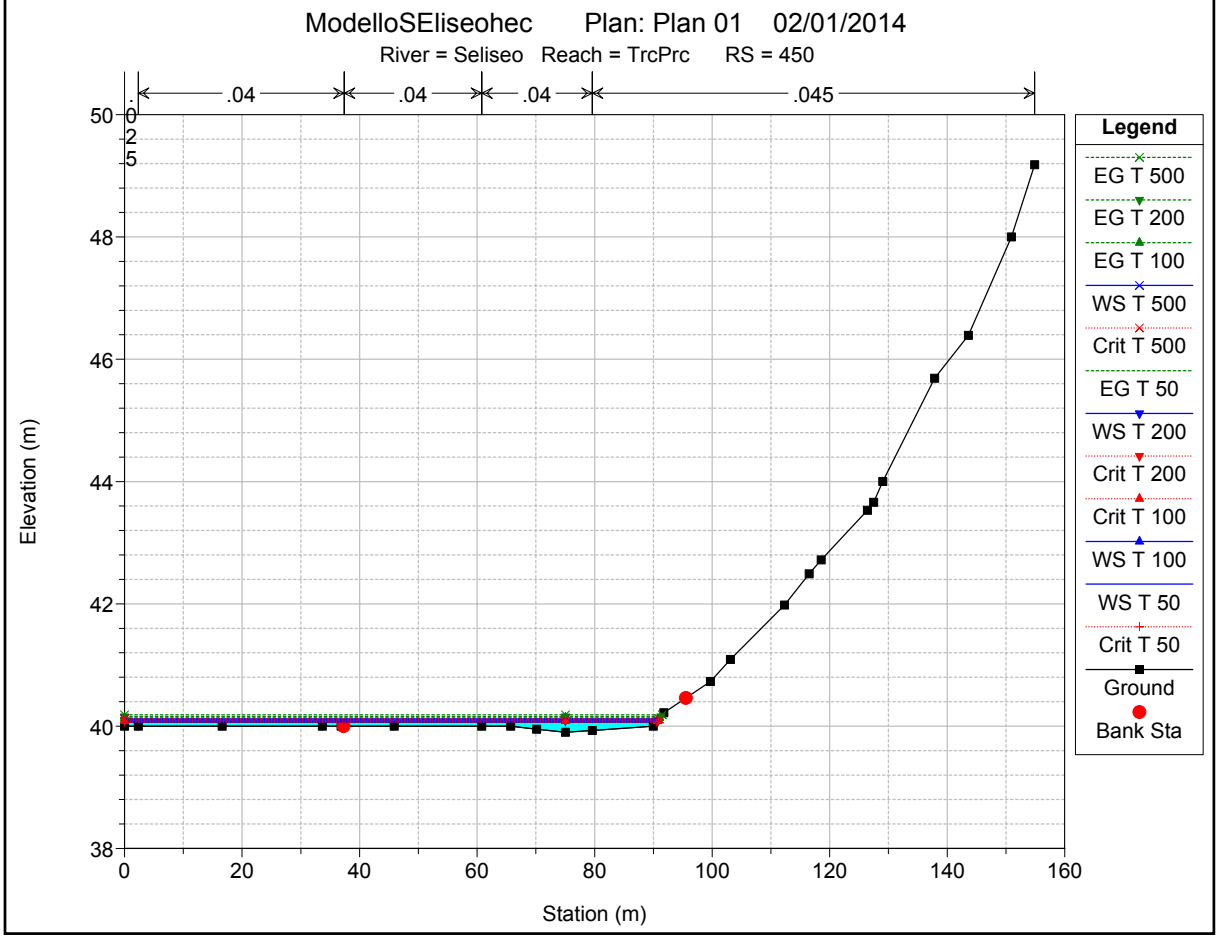

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 601
.025
.04
.04
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
60
55
50
45
40
0
20
40
60
80
100
120
140
160

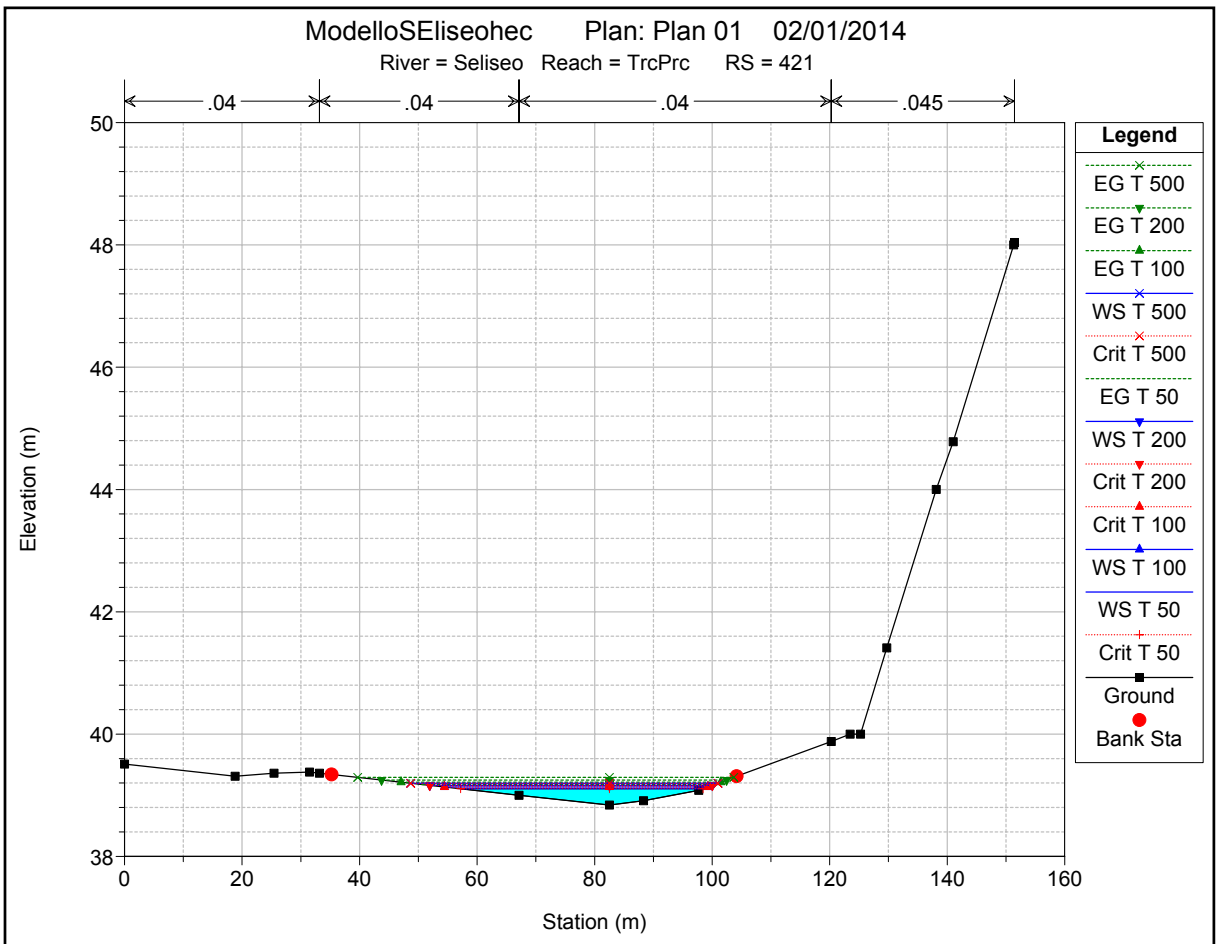

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 571
.025
.04
.04
.04
.045
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
70
65
60
55
50
45
40
0
20
40
60
80
100
120
140
160

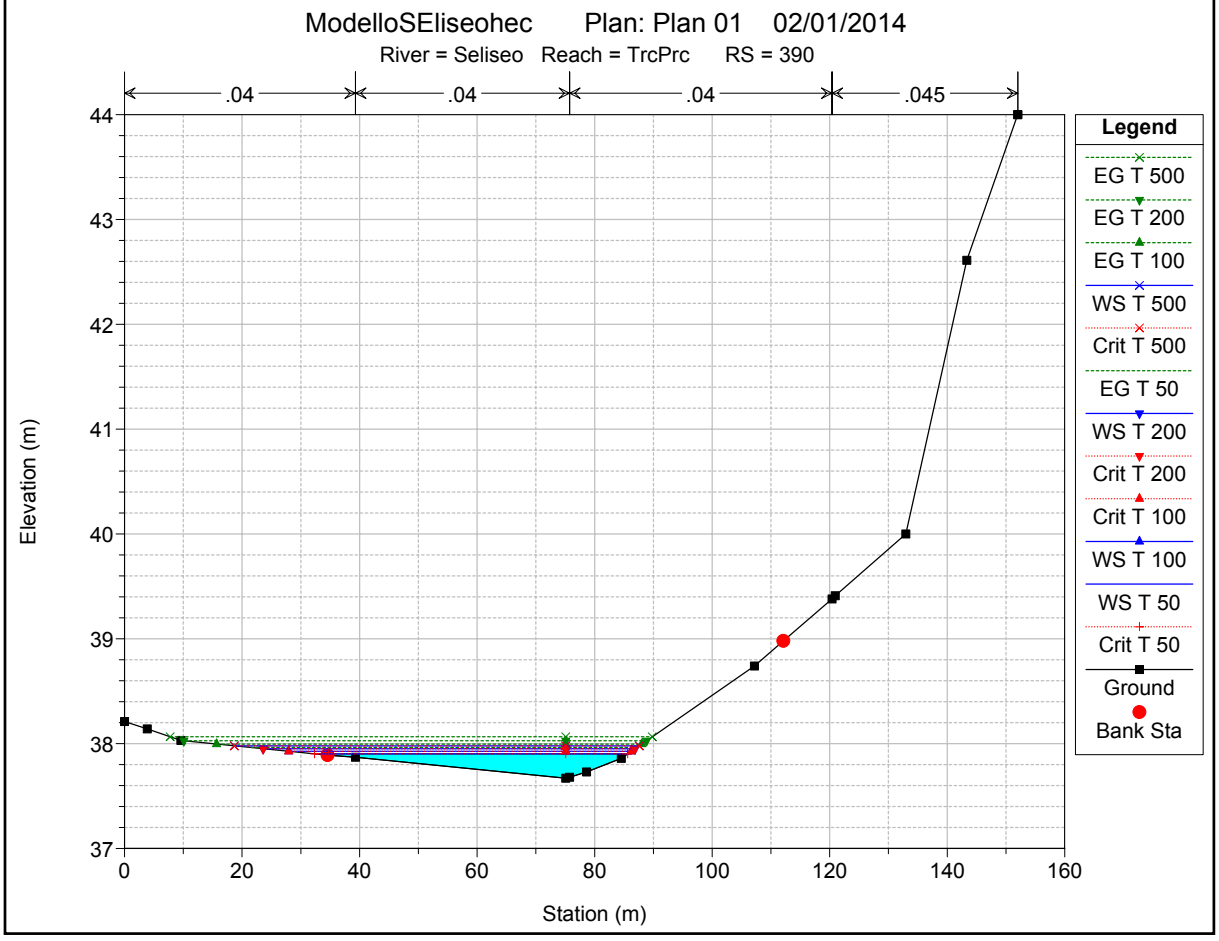

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 538
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

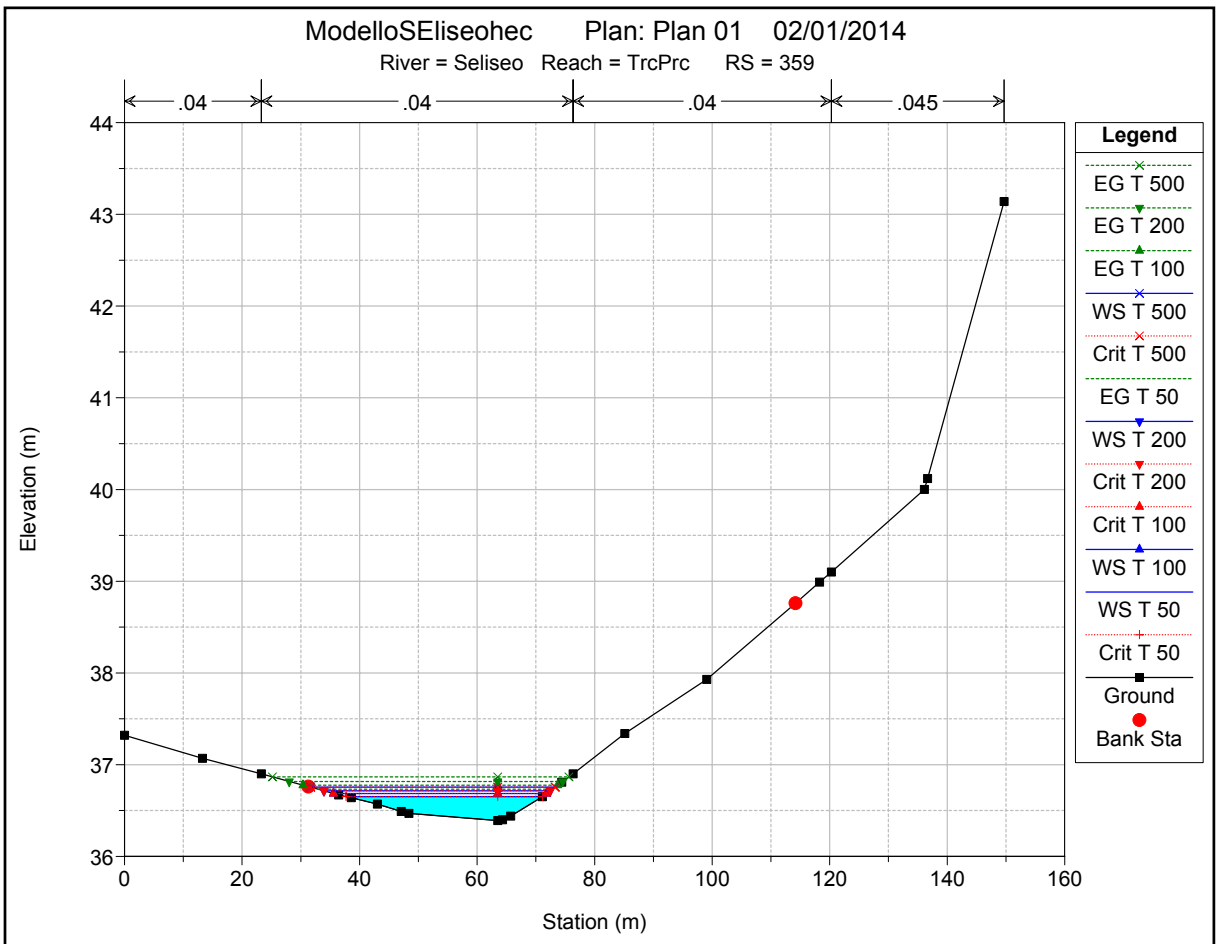

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 510
.025
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

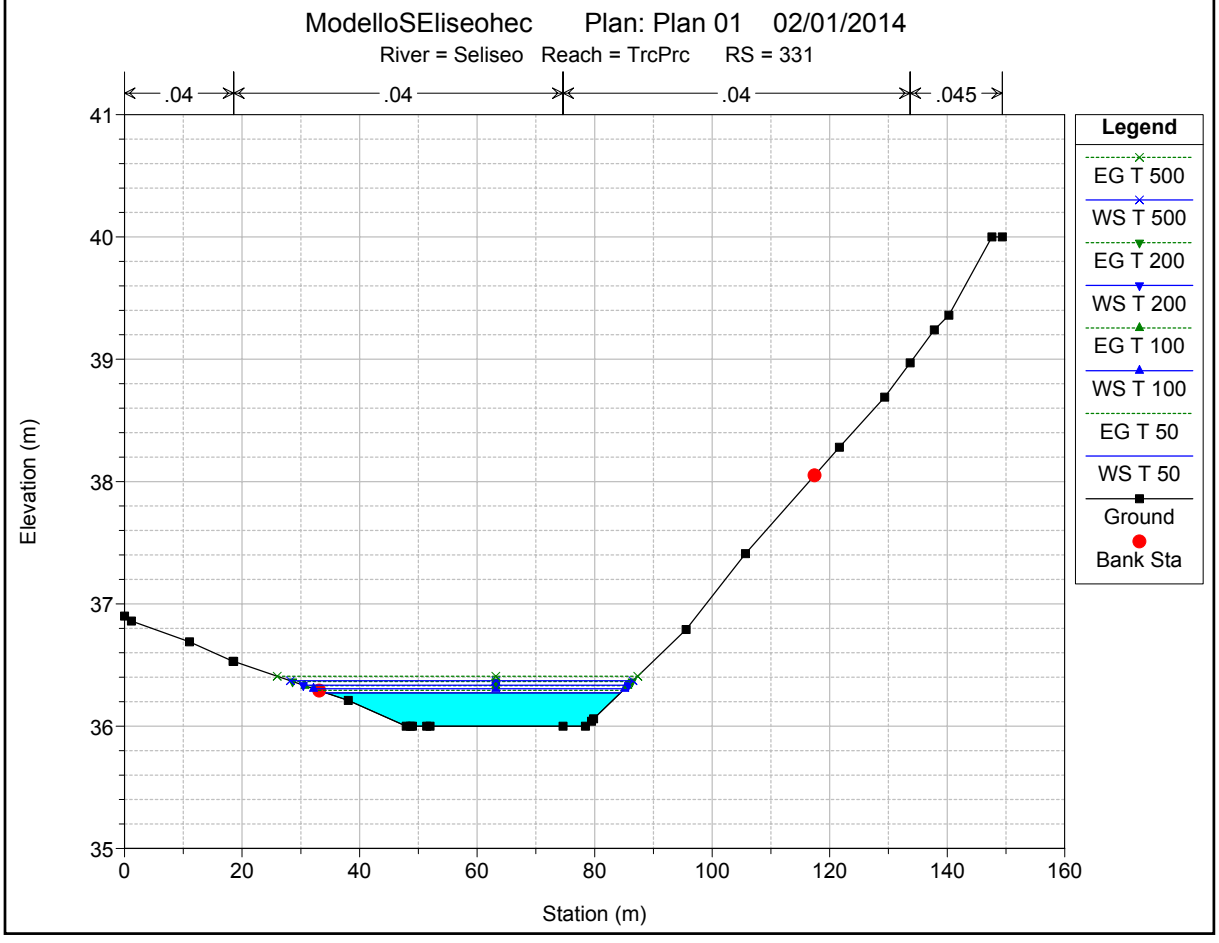

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 480
.025
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

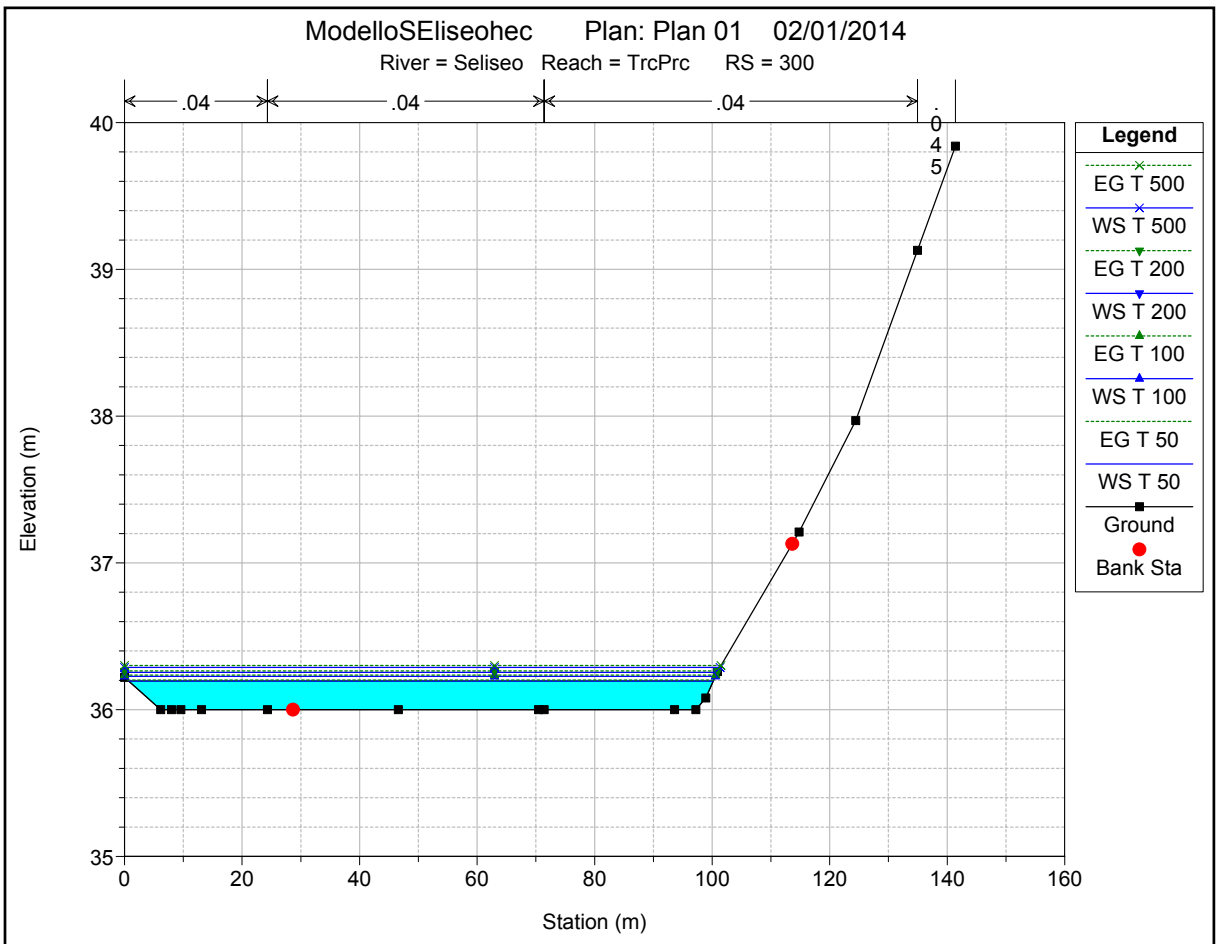

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 450
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

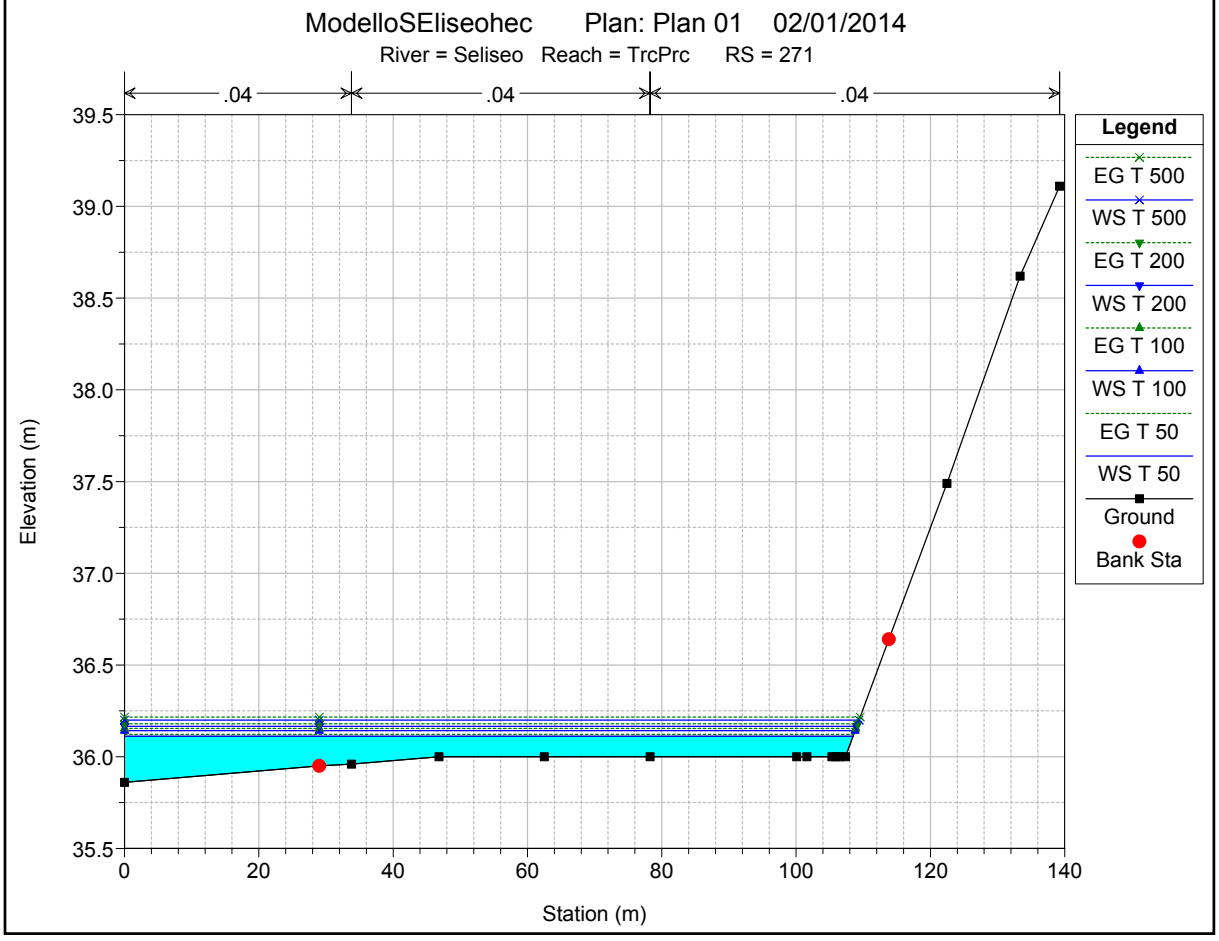

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 421
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

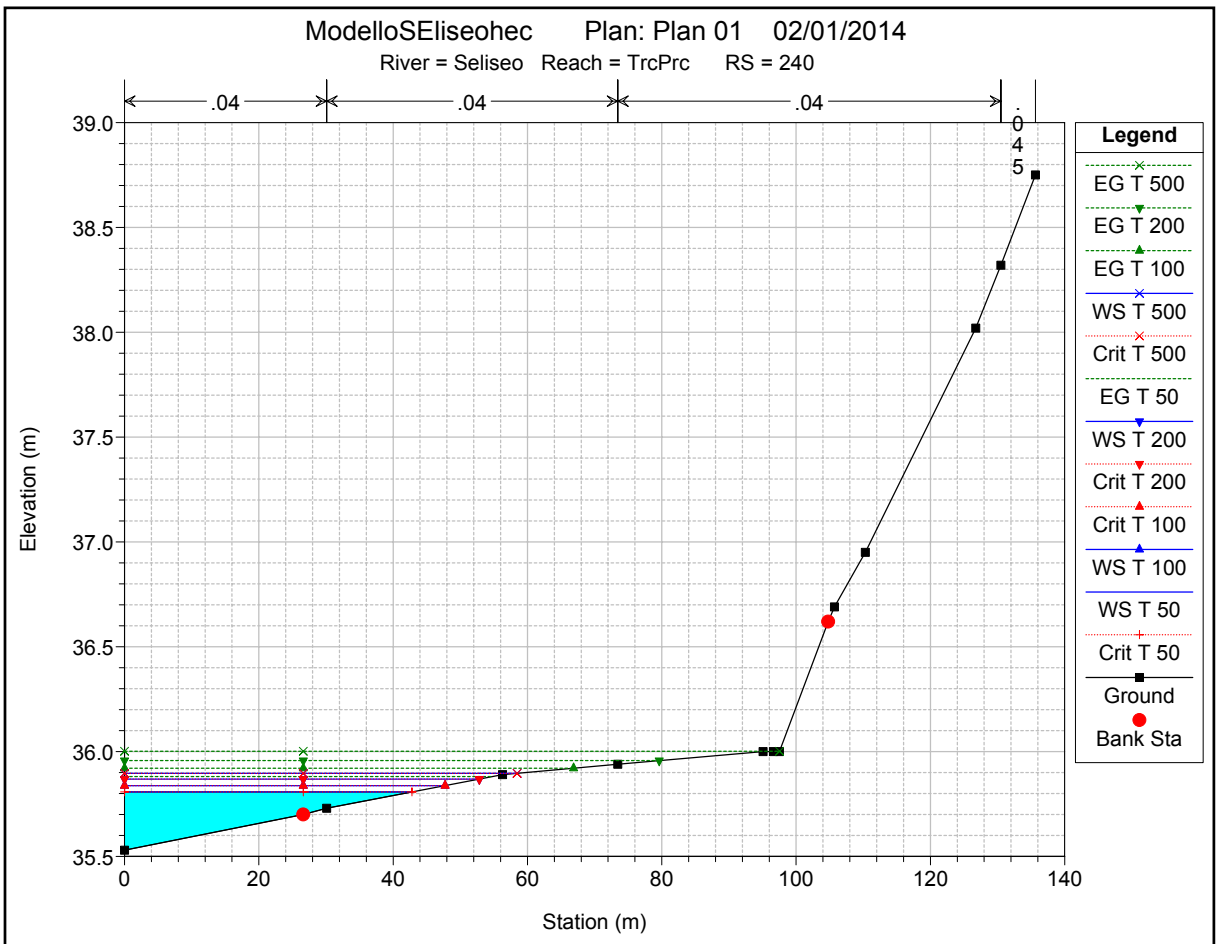

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 390
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

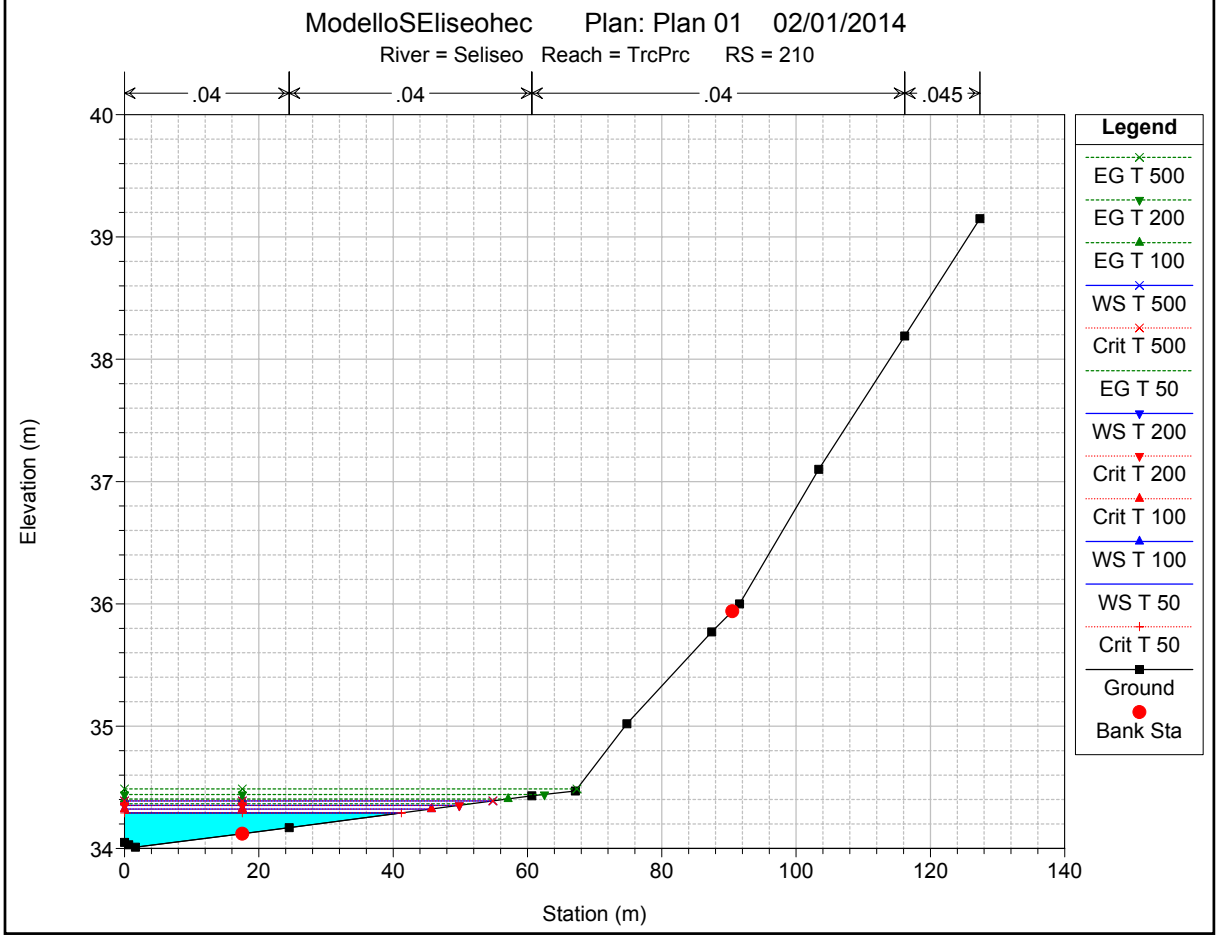

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 359
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

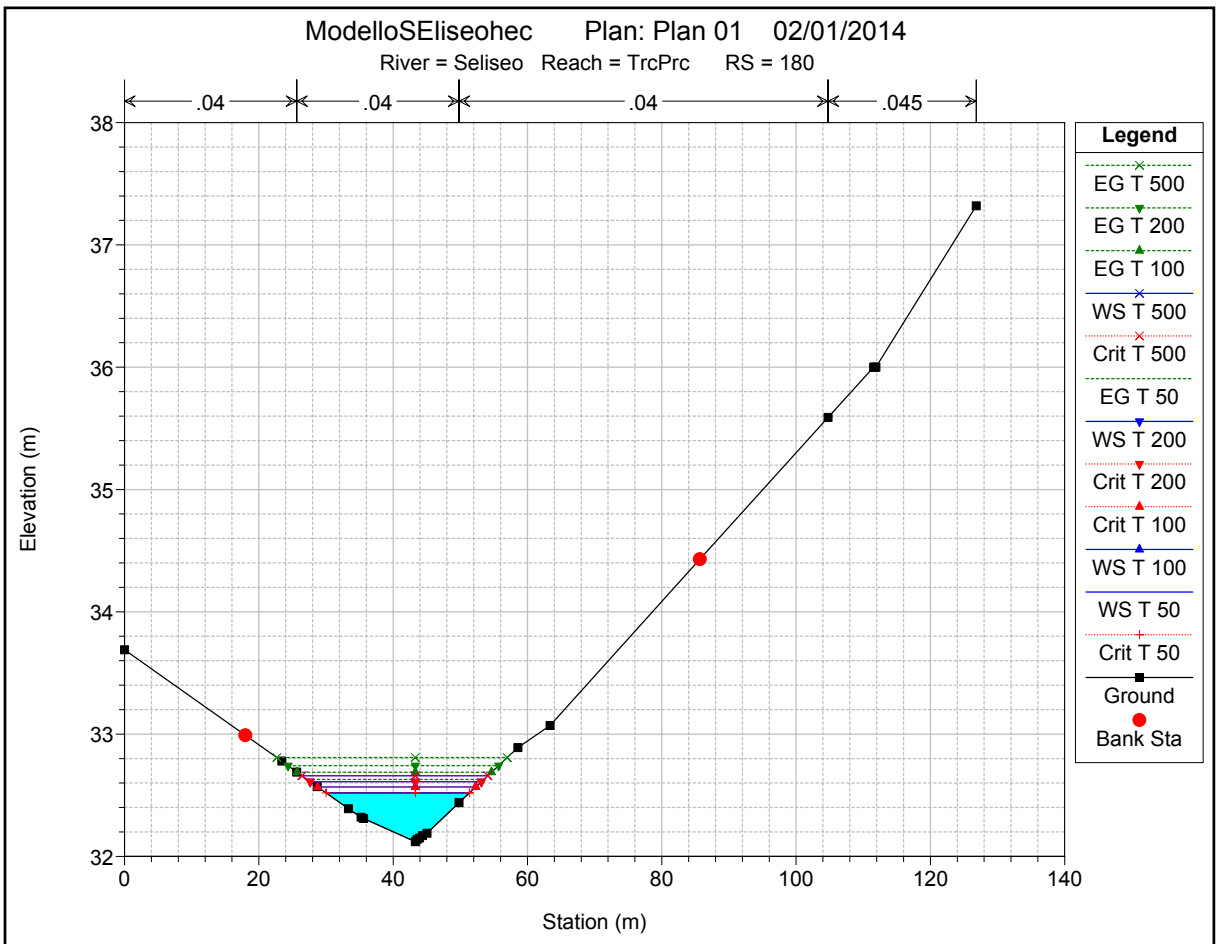

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 331
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

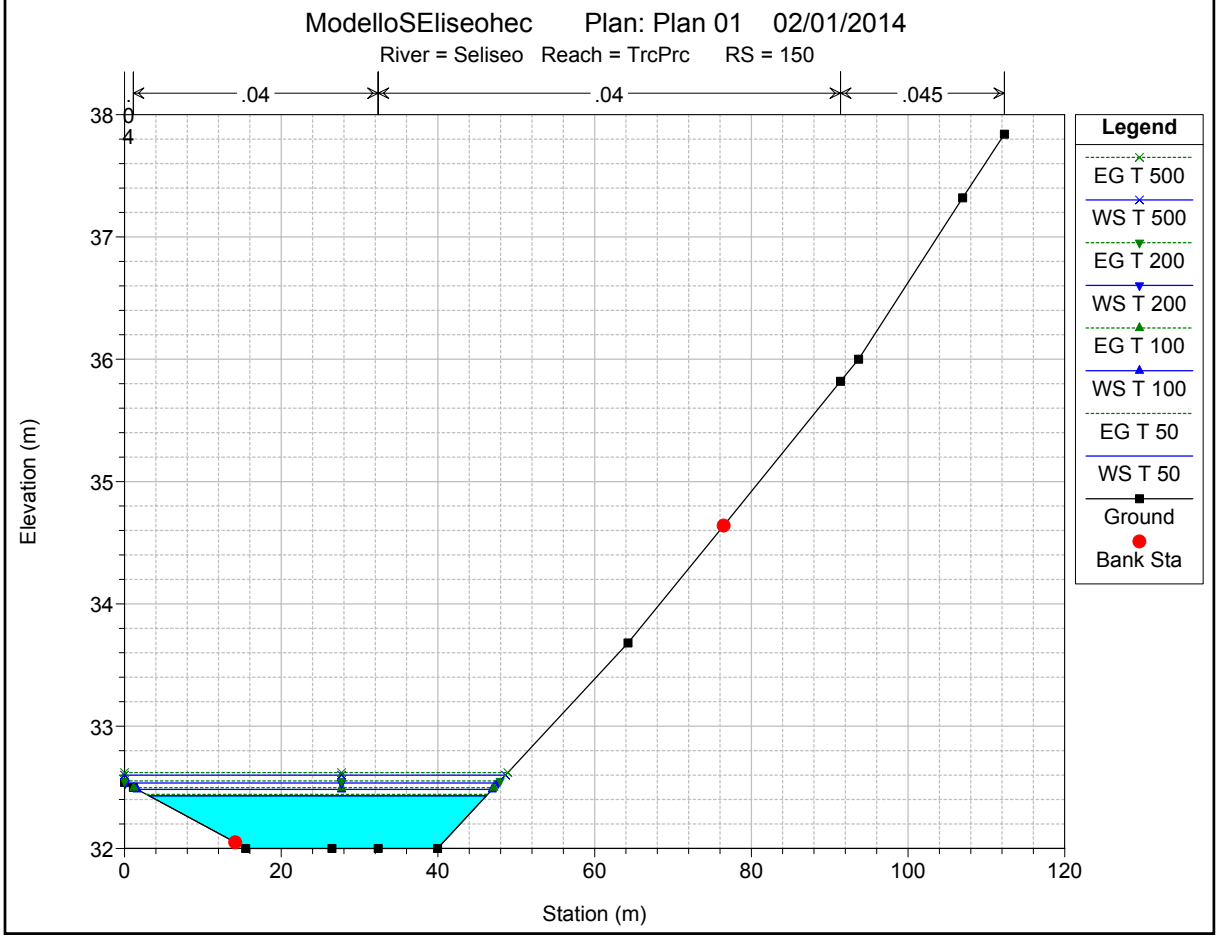

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 300
.04
.04
.04
.045
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
40
39
38
37
36
35
0
20
40
60
80
100
120
140
160

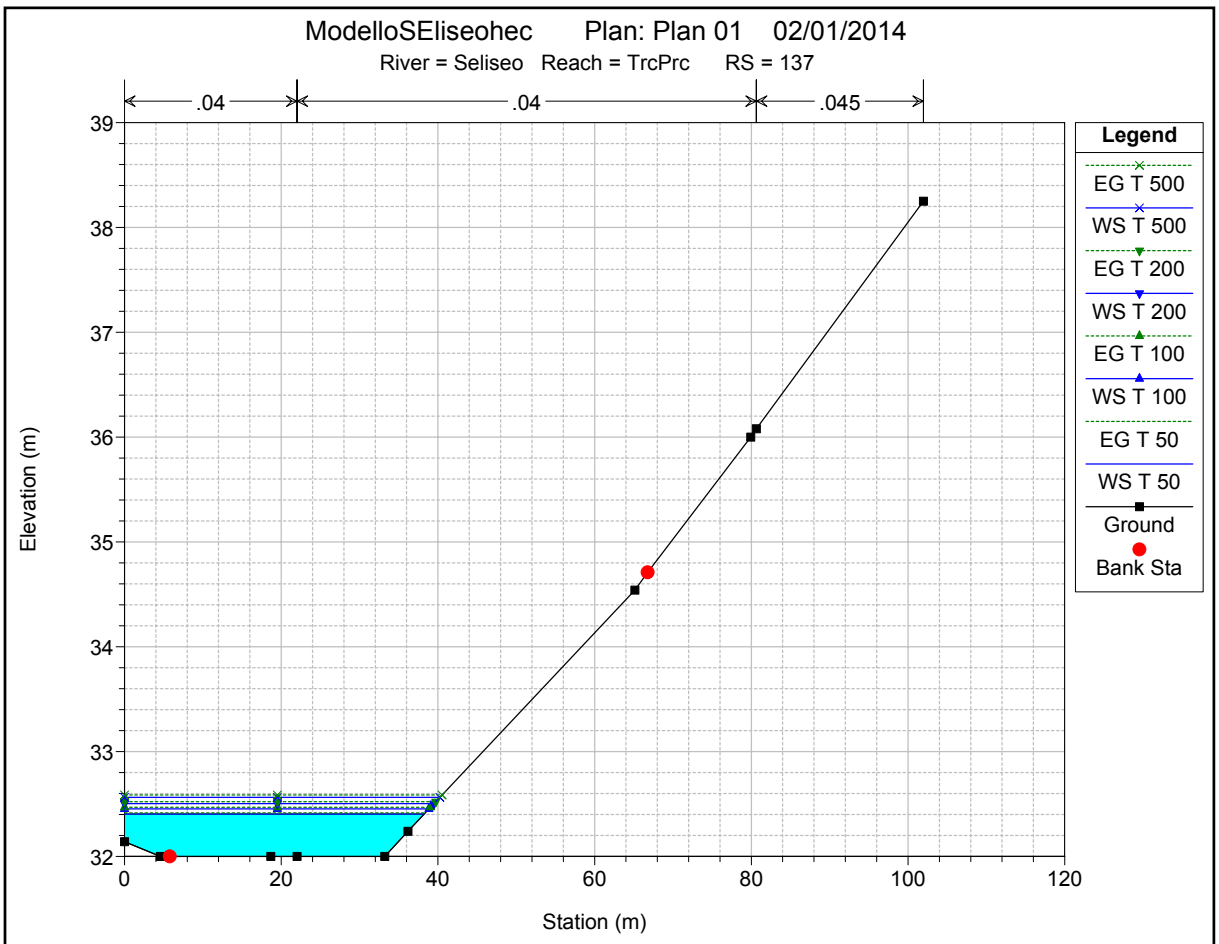

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 271
.04
.04
.04
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
39.5
39.0
38.5
38.0
37.5
37.0
36.5
36.0
35.5
0
20
40
60
80
100
120
140

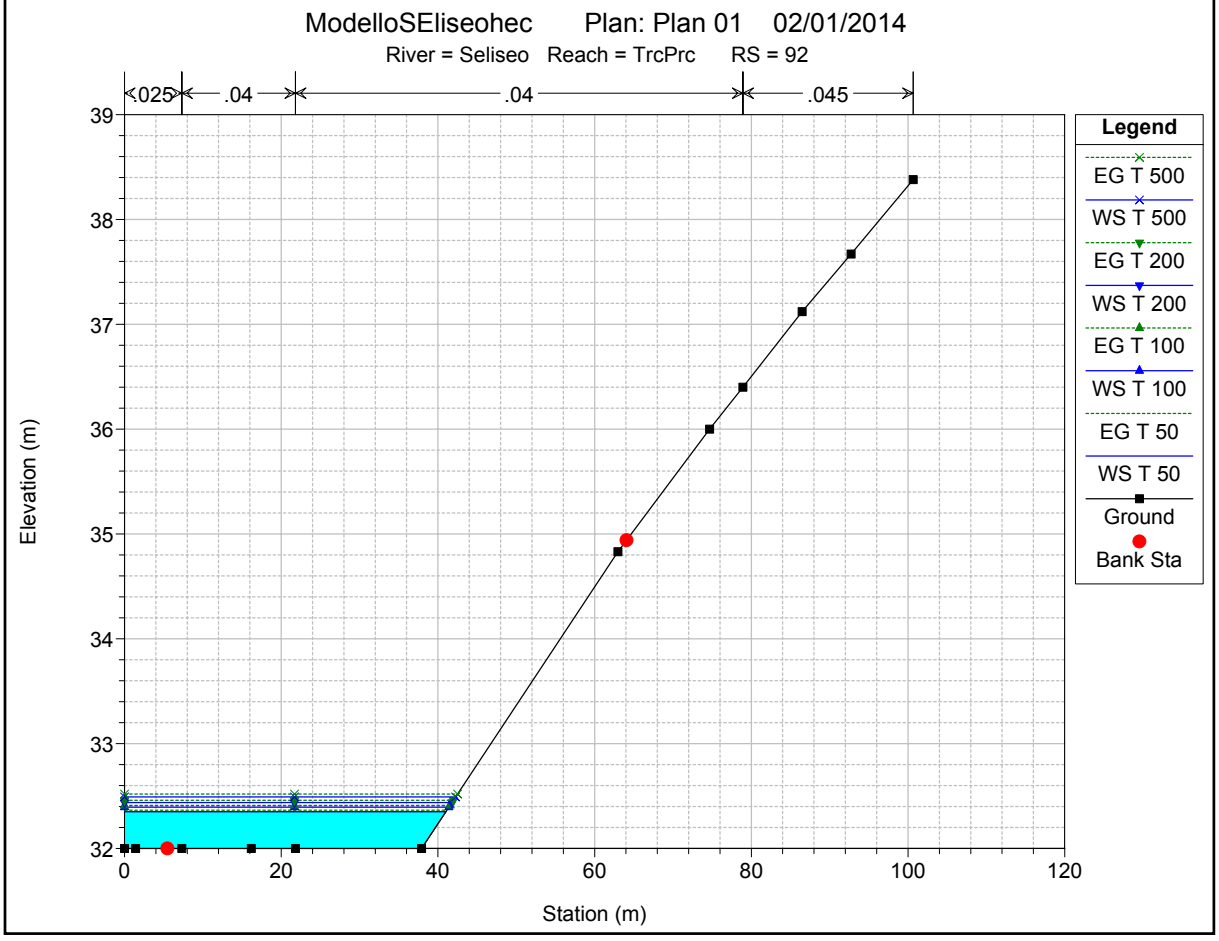

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 240
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

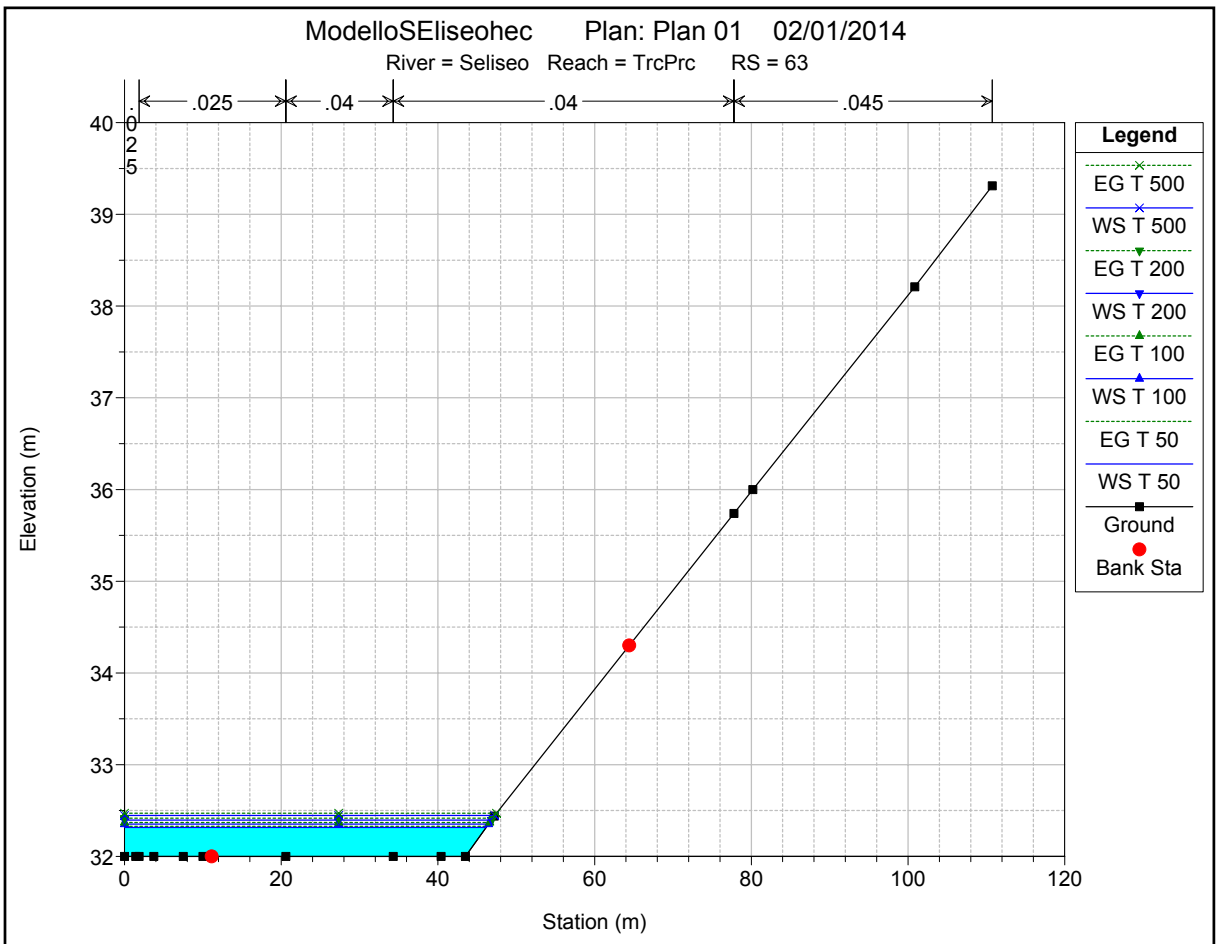

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 210
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

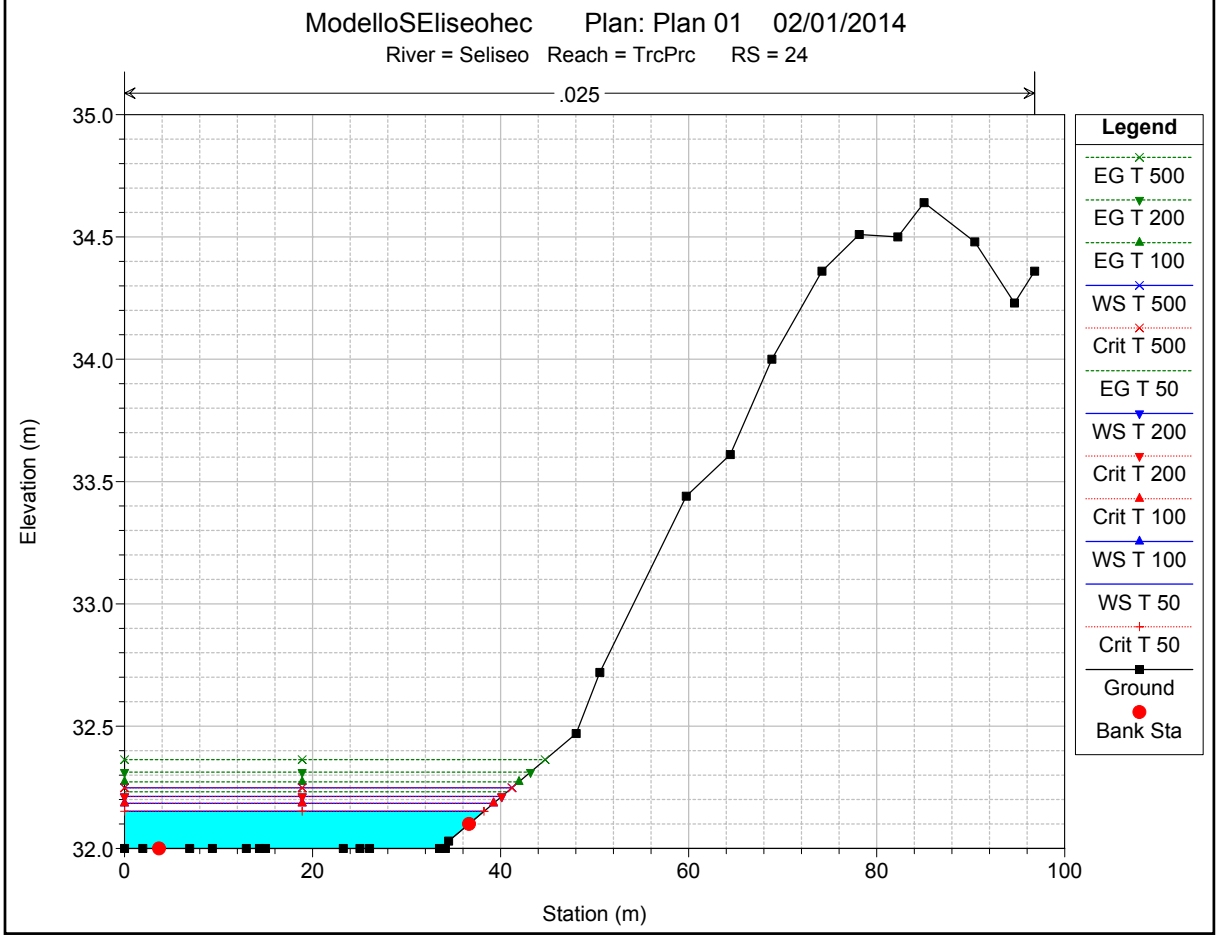

ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 180
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 150
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 137
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 92
.025
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 63
.025
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


ModelloSEliseohec Plan: Plan 01 02/01/2014
River = Seliseo Reach = TrcPrc RS = 24
.025
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

HEC-RAS Plan: Plan 01 River: Seliseo 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	1830	T 50	6.79	143.65	144.06	144.06	144.22	0.029864	1.76	3.85	12.33	1.01
TrcPrc	1830	T 100	8.76	143.65	144.13	144.13	144.31	0.028671	1.88	4.65	13.06	1.01
TrcPrc	1830	T 200	10.85	143.65	144.19	144.19	144.39	0.027673	1.99	5.46	13.75	1.01
TrcPrc	1830	T 500	13.75	143.65	144.26	144.26	144.49	0.026655	2.11	6.52	14.62	1.01
TrcPrc	1800	T 50	6.79	130.20	130.74	130.74	130.90	0.029269	1.75	3.89	12.46	1.00
TrcPrc	1800	T 100	8.76	130.20	130.81	130.81	130.98	0.028445	1.85	4.73	13.54	1.00
TrcPrc	1800	T 200	10.85	130.20	130.87	130.87	131.06	0.027772	1.95	5.56	14.45	1.00
TrcPrc	1800	T 500	13.75	130.20	130.94	130.94	131.16	0.027056	2.07	6.65	15.56	1.01
TrcPrc	1770	T 50	6.79	118.87	119.32	119.32	119.50	0.028292	1.88	3.62	10.06	1.00
TrcPrc	1770	T 100	8.76	118.87	119.40	119.40	119.60	0.027198	2.01	4.35	10.55	1.00
TrcPrc	1770	T 200	10.85	118.87	119.46	119.46	119.70	0.026461	2.14	5.08	11.01	1.00
TrcPrc	1770	T 500	13.75	118.87	119.55	119.55	119.81	0.025588	2.28	6.04	11.59	1.01
TrcPrc	1740	T 50	6.79	112.00	112.44	112.44	112.63	0.028568	1.96	3.47	9.01	1.01
TrcPrc	1740	T 100	8.76	112.00	112.51	112.51	112.74	0.027357	2.10	4.17	9.37	1.01
TrcPrc	1740	T 200	10.85	112.00	112.59	112.59	112.84	0.025991	2.22	4.89	9.73	1.00
TrcPrc	1740	T 500	13.75	112.00	112.68	112.68	112.97	0.025350	2.38	5.79	10.16	1.01
TrcPrc	1704	T 50	6.79	108.00	108.36	108.36	108.52	0.029278	1.80	3.78	11.48	1.00
TrcPrc	1704	T 100	8.76	108.00	108.42	108.42	108.61	0.027777	1.93	4.53	11.83	1.00
TrcPrc	1704	T 200	10.85	108.00	108.48	108.48	108.70	0.027158	2.07	5.24	12.16	1.01
TrcPrc	1704	T 500	13.75	108.00	108.56	108.56	108.81	0.026026	2.21	6.21	12.58	1.01
TrcPrc	1692	T 50	6.79	105.43	106.04	106.04	106.25	0.027826	2.01	3.37	8.23	1.01
TrcPrc	1692	T 100	8.76	105.43	106.12	106.12	106.36	0.026888	2.15	4.07	8.74	1.01
TrcPrc	1692	T 200	10.85	105.43	106.20	106.20	106.47	0.026073	2.27	4.77	9.23	1.01
TrcPrc	1692	T 500	13.75	105.43	106.31	106.31	106.60	0.024670	2.39	5.75	9.86	1.00
TrcPrc	1637	T 50	6.79	96.00	96.41	96.41	96.59	0.028515	1.88	3.61	10.03	1.00
TrcPrc	1637	T 100	8.76	96.00	96.48	96.48	96.69	0.027101	2.02	4.34	10.44	1.00
TrcPrc	1637	T 200	10.85	96.00	96.55	96.55	96.78	0.026580	2.15	5.05	10.85	1.01
TrcPrc	1637	T 500	13.75	96.00	96.63	96.63	96.90	0.025534	2.29	6.00	11.38	1.01
TrcPrc	1620	T 50	6.79	92.91	93.61	93.61	93.83	0.027942	2.04	3.33	8.01	1.01
TrcPrc	1620	T 100	8.76	92.91	93.70	93.70	93.94	0.026313	2.15	4.08	8.70	1.00
TrcPrc	1620	T 200	10.85	92.91	93.78	93.78	94.04	0.026080	2.27	4.78	9.29	1.01
TrcPrc	1620	T 500	13.75	92.91	93.88	93.88	94.17	0.024819	2.38	5.78	10.08	1.00
TrcPrc	1590	T 50	6.79	88.00	88.54		88.61	0.007933	1.19	5.72	12.10	0.55
TrcPrc	1590	T 100	8.76	88.00	88.60		88.69	0.009345	1.37	6.41	12.42	0.61
TrcPrc	1590	T 200	10.85	88.00	88.65		88.77	0.010618	1.53	7.09	12.73	0.66
TrcPrc	1590	T 500	13.75	88.00	88.71		88.87	0.012270	1.74	7.91	13.09	0.71
TrcPrc	1566	T 50	6.79	88.00	88.18	88.18	88.27	0.035479	1.32	5.16	29.30	1.00
TrcPrc	1566	T 100	8.76	88.00	88.21	88.21	88.32	0.033671	1.44	6.13	29.47	1.00
TrcPrc	1566	T 200	10.85	88.00	88.24	88.24	88.36	0.032174	1.54	7.07	29.63	1.00
TrcPrc	1566	T 500	13.75	88.00	88.28	88.28	88.43	0.030646	1.67	8.30	29.83	1.00
TrcPrc	1530	T 50	6.79	84.00	84.27	84.27	84.39	0.030671	1.56	4.43	18.22	0.99
TrcPrc	1530	T 100	8.76	84.00	84.31	84.31	84.45	0.029466	1.70	5.28	18.76	0.99
TrcPrc	1530	T 200	10.85	84.00	84.36	84.36	84.52	0.028043	1.81	6.16	19.30	0.99
TrcPrc	1530	T 500	13.75	84.00	84.42	84.42	84.60	0.026703	1.94	7.30	19.97	0.99
TrcPrc	1500	T 50	6.79	80.87	81.35	81.35	81.47	0.022599	1.62	4.57	17.83	0.89
TrcPrc	1500	T 100	8.76	80.87	81.40	81.40	81.54	0.022004	1.73	5.60	21.14	0.89
TrcPrc	1500	T 200	10.85	80.87	81.45	81.45	81.60	0.020553	1.79	6.81	24.54	0.88
TrcPrc	1500	T 500	13.75	80.87	81.51	81.51	81.67	0.020051	1.89	8.35	28.24	0.88
TrcPrc	1470	T 50	6.79	77.38	78.08	78.08	78.26	0.029072	1.86	3.64	10.42	1.01
TrcPrc	1470	T 100	8.76	77.38	78.15	78.15	78.35	0.028689	1.99	4.39	11.24	1.02
TrcPrc	1470	T 200	10.85	77.38	78.21	78.21	78.44	0.027512	2.11	5.15	11.74	1.02
TrcPrc	1470	T 500	13.75	77.38	78.30	78.30	78.55	0.025662	2.22	6.20	12.40	1.00
TrcPrc	1440	T 50	6.79	76.00	76.46	76.46	76.62	0.029450	1.79	3.80	11.78	1.00
TrcPrc	1440	T 100	8.76	76.00	76.52	76.52	76.70	0.028118	1.88	4.65	12.81	1.00
TrcPrc	1440	T 200	10.85	76.00	76.59	76.59	76.79	0.027171	1.97	5.50	13.77	1.00
TrcPrc	1440	T 500	13.75	76.00	76.67	76.67	76.89	0.026963	2.08	6.63	15.32	1.01
TrcPrc	1410	T 50	6.79	74.38	74.78	74.78	74.89	0.025995	1.45	4.69	21.83	1.00
TrcPrc	1410	T 100	8.76	74.38	74.82	74.82	74.94	0.025214	1.56	5.62	23.72	1.01
TrcPrc	1410	T 200	10.85	74.38	74.87	74.87	75.00	0.021845	1.62	6.75	25.83	0.98
TrcPrc	1410	T 500	13.75	74.38	74.92	74.92	75.07	0.020209	1.72	8.11	28.14	0.98
TrcPrc	1380	T 50	6.79	72.00	72.21	72.21	72.30	0.026666	1.35	5.04	27.36	1.00
TrcPrc	1380	T 100	8.76	72.00	72.24	72.24	72.35	0.025153	1.45	6.06	28.42	1.00
TrcPrc	1380	T 200	10.85	72.00	72.28	72.28	72.40	0.024295	1.54	7.04	29.41	1.01
TrcPrc	1380	T 500	13.75	72.00	72.32	72.32	72.46	0.022787	1.64	8.37	30.70	1.00
TrcPrc	1350	T 50	6.79	69.36	69.73	69.73	69.84	0.024918	1.46	4.66	21.53	0.99
TrcPrc	1350	T 100	8.76	69.36	69.78	69.78	69.90	0.023134	1.57	5.62	23.49	1.00
TrcPrc	1350	T 200	10.85	69.36	69.81	69.81	69.96	0.024516	1.72	6.34	24.33	1.05
TrcPrc	1350	T 500	13.75	69.36	69.88	69.88	70.02	0.017897	1.69	8.48	33.63	0.93
TrcPrc	1320	T 50	6.79	67.76	67.99	67.99	68.07	0.033153	1.34	5.28	39.09	1.08
TrcPrc	1320	T 100	8.76	67.76	68.04	68.04	68.11	0.020028	1.25	7.70	51.32	0.88

HEC-RAS Plan: Plan 01 River: Seliseo 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	1320	T 200	10.85	67.76	68.05	68.05	68.15	0.022826	1.40	8.55	51.82	0.95
TrcPrc	1320	T 500	13.75	67.76	68.09	68.09	68.19	0.019677	1.44	10.57	52.88	0.90
TrcPrc	1290	T 50	6.79	66.10	66.35	66.35	66.43	0.021526	1.23	5.84	39.59	0.91
TrcPrc	1290	T 100	8.76	66.10	66.38	66.38	66.47	0.021112	1.32	7.09	41.75	0.92
TrcPrc	1290	T 200	10.85	66.10	66.41	66.41	66.51	0.021282	1.42	8.26	43.66	0.94
TrcPrc	1290	T 500	13.75	66.10	66.45	66.45	66.55	0.020369	1.50	9.94	46.28	0.94
TrcPrc	1260	T 50	6.79	64.40	64.33	64.33	64.43	0.026575		4.80	23.46	0.00
TrcPrc	1260	T 100	8.76	64.40	64.38	64.38	64.49	0.025569		5.86	25.60	0.00
TrcPrc	1260	T 200	10.85	64.40	64.41	64.41	64.54	0.027662	0.09	6.66	29.04	0.50
TrcPrc	1260	T 500	13.75	64.40	64.49	64.49	64.59	0.017701	0.49	10.08	51.66	0.67
TrcPrc	1230	T 50	6.79	62.60	63.01	63.01	63.11	0.024551	1.41	4.82	23.60	0.99
TrcPrc	1230	T 100	8.76	62.60	63.05	63.05	63.16	0.023359	1.48	5.90	26.12	1.00
TrcPrc	1230	T 200	10.85	62.60	63.09	63.09	63.21	0.022166	1.57	6.92	28.33	1.01
TrcPrc	1230	T 500	13.75	62.60	63.14	63.14	63.27	0.020453	1.64	8.38	31.28	1.00
TrcPrc	1200	T 50	6.79	60.75	61.18	61.18	61.29	0.025994	1.49	4.55	20.18	1.00
TrcPrc	1200	T 100	8.76	60.75	61.23	61.23	61.35	0.025323	1.57	5.56	22.32	1.01
TrcPrc	1200	T 200	10.85	60.75	61.27	61.27	61.41	0.024717	1.65	6.59	24.31	1.01
TrcPrc	1200	T 500	13.75	60.75	61.32	61.32	61.48	0.023973	1.73	7.97	26.73	1.01
TrcPrc	1170	T 50	6.79	60.00	60.20		60.23	0.010202	0.85	8.20	44.95	0.61
TrcPrc	1170	T 100	8.76	60.00	60.23		60.27	0.010475	0.94	9.55	45.91	0.64
TrcPrc	1170	T 200	10.85	60.00	60.26		60.31	0.010167	1.02	11.03	46.95	0.64
TrcPrc	1170	T 500	13.75	60.00	60.30		60.36	0.009676	1.10	13.03	48.31	0.64
TrcPrc	1153	T 50	6.79	59.53	59.84	59.84	59.94	0.026119	1.18	4.98	26.07	0.95
TrcPrc	1153	T 100	8.76	59.53	59.88	59.88	59.99	0.024225	1.24	6.18	28.77	0.94
TrcPrc	1153	T 200	10.85	59.53	59.92	59.92	60.04	0.023681	1.31	7.30	31.09	0.94
TrcPrc	1153	T 500	13.75	59.53	59.97	59.97	60.10	0.023669	1.40	8.70	33.77	0.96
TrcPrc	1110	T 50	6.79	57.68	57.93	57.93	58.01	0.028215	1.25	5.44	34.02	1.00
TrcPrc	1110	T 100	8.76	57.68	57.96	57.96	58.05	0.026597	1.34	6.55	35.59	1.00
TrcPrc	1110	T 200	10.85	57.68	58.00	58.00	58.09	0.025961	1.39	7.79	39.15	1.00
TrcPrc	1110	T 500	13.75	57.68	58.03	58.03	58.14	0.025463	1.49	9.26	41.78	1.01
TrcPrc	1080	T 50	6.79	56.00	56.43		56.46	0.004395	0.71	9.54	35.17	0.43
TrcPrc	1080	T 100	8.76	56.00	56.47		56.51	0.004890	0.80	11.03	37.46	0.46
TrcPrc	1080	T 200	10.85	56.00	56.49		56.54	0.006343	0.93	11.72	38.47	0.53
TrcPrc	1080	T 500	13.75	56.00	56.55		56.60	0.006318	1.00	13.95	41.58	0.53
TrcPrc	1050	T 50	6.79	56.00	56.09	56.09	56.15	0.042308	1.07	6.46	69.97	1.11
TrcPrc	1050	T 100	8.76	56.00	56.11	56.11	56.18	0.039106	1.16	7.74	70.68	1.10
TrcPrc	1050	T 200	10.85	56.00	56.15	56.15	56.21	0.022616	1.07	10.45	72.18	0.88
TrcPrc	1050	T 500	13.75	56.00	56.16	56.16	56.24	0.029185	1.26	11.18	72.58	1.01
TrcPrc	1020	T 50	6.79	54.61	54.86	54.86	54.95	0.031117	1.09	5.21	33.57	0.99
TrcPrc	1020	T 100	8.76	54.61	54.90	54.90	54.99	0.023608	1.06	6.92	40.79	0.89
TrcPrc	1020	T 200	10.85	54.61	54.94	54.94	55.02	0.021165	1.09	8.46	47.39	0.86
TrcPrc	1020	T 500	13.75	54.61	54.97	54.97	55.07	0.022036	1.18	9.96	50.63	0.89
TrcPrc	990	T 50	6.79	53.23	53.55	53.55	53.61	0.018929	1.10	6.76	46.99	0.82
TrcPrc	990	T 100	8.76	53.23	53.58	53.58	53.64	0.019887	1.19	8.02	49.71	0.86
TrcPrc	990	T 200	10.85	53.23	53.59	53.59	53.68	0.023275	1.33	8.86	51.43	0.94
TrcPrc	990	T 500	13.75	53.23	53.63	53.63	53.72	0.023071	1.40	10.57	54.74	0.94
TrcPrc	960	T 50	6.79	52.00	52.14	52.14	52.20	0.028415	1.10	6.40	56.02	0.96
TrcPrc	960	T 100	8.76	52.00	52.17	52.17	52.24	0.025600	1.18	7.89	61.46	0.94
TrcPrc	960	T 200	10.85	52.00	52.19	52.19	52.27	0.023587	1.24	9.39	65.97	0.92
TrcPrc	960	T 500	13.75	52.00	52.22	52.22	52.30	0.022640	1.33	11.17	67.28	0.93
TrcPrc	930	T 50	6.79	50.82	51.09	51.09	51.17	0.028853	1.21	5.64	38.38	0.99
TrcPrc	930	T 100	8.76	50.82	51.12	51.12	51.21	0.026337	1.29	6.86	42.21	0.97
TrcPrc	930	T 200	10.85	50.82	51.15	51.15	51.25	0.025321	1.39	8.01	45.52	0.98
TrcPrc	930	T 500	13.75	50.82	51.19	51.19	51.29	0.022174	1.46	9.87	50.45	0.94
TrcPrc	900	T 50	6.79	49.26	49.50	49.50	49.58	0.025601	1.28	5.42	33.46	0.96
TrcPrc	900	T 100	8.76	49.26	49.53	49.53	49.63	0.023964	1.37	6.60	35.88	0.95
TrcPrc	900	T 200	10.85	49.26	49.56	49.56	49.67	0.022935	1.45	7.77	37.84	0.95
TrcPrc	900	T 500	13.75	49.26	49.60	49.60	49.72	0.021907	1.54	9.32	40.28	0.95
TrcPrc	871	T 50	6.79	48.00	48.37		48.39	0.002574	0.61	11.67	41.52	0.34
TrcPrc	871	T 100	8.76	48.00	48.41		48.44	0.002901	0.69	13.36	43.50	0.36
TrcPrc	871	T 200	10.85	48.00	48.45		48.48	0.003225	0.77	14.96	45.28	0.39
TrcPrc	871	T 500	13.75	48.00	48.50		48.53	0.003557	0.86	17.08	47.54	0.41
TrcPrc	840	T 50	6.79	48.00	48.08	48.08	48.13	0.037760	0.93	7.30	87.18	1.02
TrcPrc	840	T 100	8.76	48.00	48.10	48.10	48.15	0.035802	1.01	8.65	87.31	1.03
TrcPrc	840	T 200	10.85	48.00	48.12	48.12	48.17	0.032662	1.07	10.12	87.45	1.01
TrcPrc	840	T 500	13.75	48.00	48.14	48.14	48.20	0.030522	1.15	11.92	87.62	1.00
TrcPrc	801	T 50	6.79	46.44	46.84	46.84	46.94	0.027493	1.41	4.83	24.46	1.01
TrcPrc	801	T 100	8.76	46.44	46.88	46.88	46.99	0.025817	1.46	6.00	27.35	1.00
TrcPrc	801	T 200	10.85	46.44	46.92	46.92	47.04	0.026179	1.55	7.02	29.65	1.01
TrcPrc	801	T 500	13.75	46.44	46.97	46.97	47.10	0.024351	1.59	8.62	32.96	1.00

HEC-RAS Plan: Plan 01 River: Seliseo 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	749	T 50	6.79	44.00	44.26		44.26	0.001007	0.31	22.09	92.02	0.20
TrcPrc	749	T 100	8.76	44.00	44.29		44.29	0.001136	0.36	24.96	93.31	0.22
TrcPrc	749	T 200	10.85	44.00	44.32		44.33	0.001232	0.40	27.95	95.66	0.23
TrcPrc	749	T 500	13.75	44.00	44.36		44.37	0.001347	0.45	31.65	98.14	0.25
TrcPrc	724	T 50	6.79	44.00	44.24		44.24	0.000576	0.23	29.62	125.09	0.15
TrcPrc	724	T 100	8.76	44.00	44.27		44.27	0.000654	0.26	33.22	125.21	0.16
TrcPrc	724	T 200	10.85	44.00	44.30		44.30	0.000700	0.29	37.02	125.33	0.17
TrcPrc	724	T 500	13.75	44.00	44.33		44.34	0.000763	0.33	41.60	125.47	0.18
TrcPrc	686	T 50	6.79	44.00	44.19		44.20	0.001192	0.29	23.72	124.00	0.21
TrcPrc	686	T 100	8.76	44.00	44.22		44.22	0.001297	0.33	26.95	124.11	0.22
TrcPrc	686	T 200	10.85	44.00	44.24		44.25	0.001373	0.36	30.14	124.22	0.23
TrcPrc	686	T 500	13.75	44.00	44.28		44.28	0.001465	0.41	34.08	124.36	0.25
TrcPrc	660	T 50	6.79	44.00	44.13		44.14	0.004608	0.44	15.42	116.51	0.39
TrcPrc	660	T 100	8.76	44.00	44.15		44.17	0.004809	0.49	17.74	116.61	0.40
TrcPrc	660	T 200	10.85	44.00	44.17		44.19	0.004821	0.54	20.17	116.73	0.41
TrcPrc	660	T 500	13.75	44.00	44.20		44.22	0.004797	0.59	23.30	116.87	0.42
TrcPrc	630	T 50	6.79	43.78	43.80	43.80	43.86	0.022146	0.17	6.07	56.59	0.55
TrcPrc	630	T 100	8.76	43.78	43.83	43.83	43.90	0.018235	0.33	7.93	65.14	0.66
TrcPrc	630	T 200	10.85	43.78	43.85	43.85	43.93	0.017481	0.42	9.51	71.43	0.69
TrcPrc	630	T 500	13.75	43.78	43.88	43.88	43.96	0.017066	0.50	11.54	78.81	0.71
TrcPrc	601	T 50	6.79	41.61	41.75	41.75	41.80	0.032118	0.94	6.82	65.79	0.97
TrcPrc	601	T 100	8.76	41.61	41.77	41.77	41.83	0.030406	1.04	8.14	66.68	0.97
TrcPrc	601	T 200	10.85	41.61	41.79	41.79	41.85	0.029573	1.13	9.39	67.52	0.98
TrcPrc	601	T 500	13.75	41.61	41.81	41.81	41.89	0.028802	1.24	10.99	68.57	1.00
TrcPrc	571	T 50	6.79	40.00	40.33		40.34	0.002306	0.52	13.03	45.69	0.31
TrcPrc	571	T 100	8.76	40.00	40.37		40.39	0.002568	0.59	14.90	47.21	0.33
TrcPrc	571	T 200	10.85	40.00	40.41		40.43	0.002826	0.65	16.65	48.59	0.36
TrcPrc	571	T 500	13.75	40.00	40.45		40.48	0.003104	0.73	18.92	50.32	0.38
TrcPrc	538	T 50	6.79	40.00	40.29		40.30	0.000954	0.34	20.78	75.98	0.20
TrcPrc	538	T 100	8.76	40.00	40.33		40.33	0.001060	0.38	23.57	77.09	0.21
TrcPrc	538	T 200	10.85	40.00	40.36		40.37	0.001172	0.43	26.13	78.10	0.23
TrcPrc	538	T 500	13.75	40.00	40.40		40.41	0.001281	0.48	29.49	79.40	0.24
TrcPrc	510	T 50	6.79	40.00	40.26		40.26	0.001393	0.37	18.98	79.19	0.23
TrcPrc	510	T 100	8.76	40.00	40.29		40.30	0.001518	0.42	21.60	80.54	0.25
TrcPrc	510	T 200	10.85	40.00	40.32		40.33	0.001665	0.46	23.94	81.74	0.26
TrcPrc	510	T 500	13.75	40.00	40.36		40.37	0.001781	0.52	27.15	83.35	0.28
TrcPrc	480	T 50	6.79	40.00	40.22		40.22	0.001260	0.30	19.55	90.86	0.21
TrcPrc	480	T 100	8.76	40.00	40.25		40.25	0.001375	0.34	22.20	90.97	0.22
TrcPrc	480	T 200	10.85	40.00	40.27		40.28	0.001545	0.39	24.39	91.06	0.24
TrcPrc	480	T 500	13.75	40.00	40.31		40.32	0.001638	0.43	27.65	91.19	0.25
TrcPrc	450	T 50	6.79	39.90	40.07	40.07	40.11	0.039249	0.99	7.22	90.53	1.06
TrcPrc	450	T 100	8.76	39.90	40.09	40.09	40.13	0.032806	1.02	8.94	90.68	0.99
TrcPrc	450	T 200	10.85	39.90	40.10	40.10	40.16	0.030943	1.08	10.37	90.81	0.98
TrcPrc	450	T 500	13.75	39.90	40.12	40.12	40.19	0.029713	1.16	12.14	90.97	0.98
TrcPrc	421	T 50	6.79	38.84	39.11	39.11	39.18	0.026273	1.17	5.79	41.28	1.00
TrcPrc	421	T 100	8.76	38.84	39.14	39.14	39.21	0.025268	1.24	7.04	44.83	1.00
TrcPrc	421	T 200	10.85	38.84	39.16	39.16	39.25	0.024765	1.31	8.28	48.09	1.01
TrcPrc	421	T 500	13.75	38.84	39.20	39.20	39.29	0.023700	1.37	10.01	52.28	1.00
TrcPrc	390	T 50	6.79	37.67	37.90	37.90	37.96	0.028905	1.09	6.24	53.29	1.00
TrcPrc	390	T 100	8.76	37.67	37.93	37.93	38.00	0.026892	1.16	7.62	58.32	0.98
TrcPrc	390	T 200	10.85	37.67	37.95	37.95	38.03	0.024886	1.22	9.10	63.29	0.95
TrcPrc	390	T 500	13.75	37.67	37.98	37.98	38.06	0.024002	1.31	10.91	68.91	0.96
TrcPrc	359	T 50	6.79	36.39	36.65	36.65	36.73	0.028619	1.26	5.41	33.44	1.00
TrcPrc	359	T 100	8.76	36.39	36.69	36.69	36.78	0.027514	1.33	6.59	36.31	1.00
TrcPrc	359	T 200	10.85	36.39	36.72	36.72	36.82	0.027426	1.41	7.68	38.53	1.01
TrcPrc	359	T 500	13.75	36.39	36.76	36.76	36.87	0.025712	1.48	9.31	41.63	1.00
TrcPrc	331	T 50	6.79	36.00	36.27		36.29	0.004711	0.62	10.92	50.18	0.43
TrcPrc	331	T 100	8.76	36.00	36.31		36.33	0.005031	0.69	12.65	52.96	0.45
TrcPrc	331	T 200	10.85	36.00	36.34		36.37	0.005362	0.77	14.22	55.34	0.47
TrcPrc	331	T 500	13.75	36.00	36.37		36.41	0.005710	0.85	16.27	58.31	0.50
TrcPrc	300	T 50	6.79	36.00	36.20		36.20	0.001962	0.37	18.68	99.51	0.27
TrcPrc	300	T 100	8.76	36.00	36.23		36.24	0.001972	0.41	21.82	100.54	0.28
TrcPrc	300	T 200	10.85	36.00	36.25		36.26	0.002053	0.45	24.55	100.84	0.29
TrcPrc	300	T 500	13.75	36.00	36.29		36.30	0.002136	0.50	28.02	101.33	0.30
TrcPrc	271	T 50	6.79	35.95	36.11		36.12	0.003997	0.38	15.24	108.48	0.35
TrcPrc	271	T 100	8.76	35.95	36.14		36.15	0.003533	0.42	18.61	108.79	0.35
TrcPrc	271	T 200	10.85	35.95	36.17		36.18	0.003583	0.46	21.17	109.03	0.36
TrcPrc	271	T 500	13.75	35.95	36.20		36.22	0.003403	0.51	24.91	109.37	0.36
TrcPrc	240	T 50	6.79	35.70	35.81	35.81	35.88	0.022286	0.56	5.94	42.80	0.80

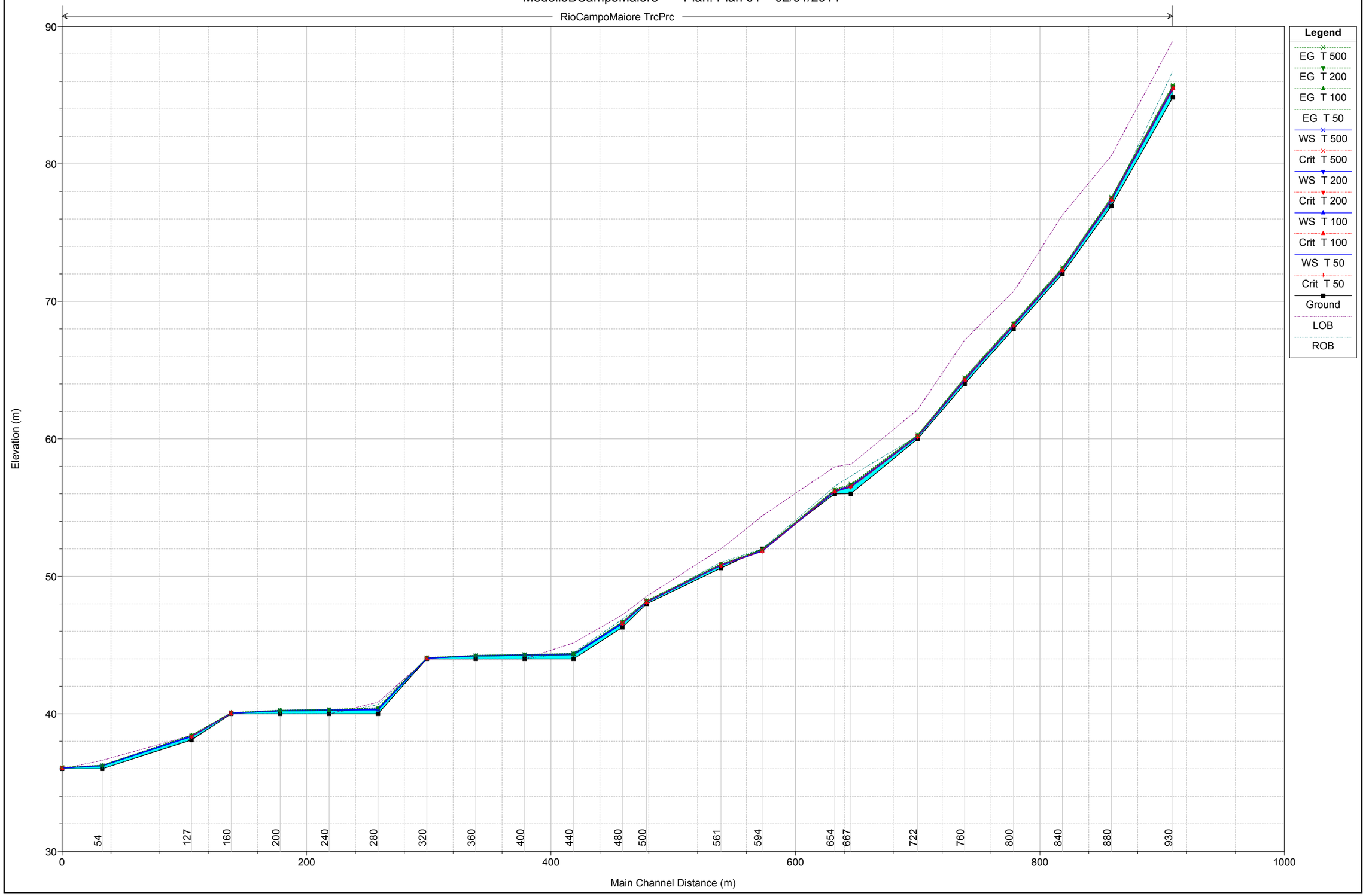
HEC-RAS Plan: Plan 01 River: Seliseo Reach: TrcPrc (Continued)

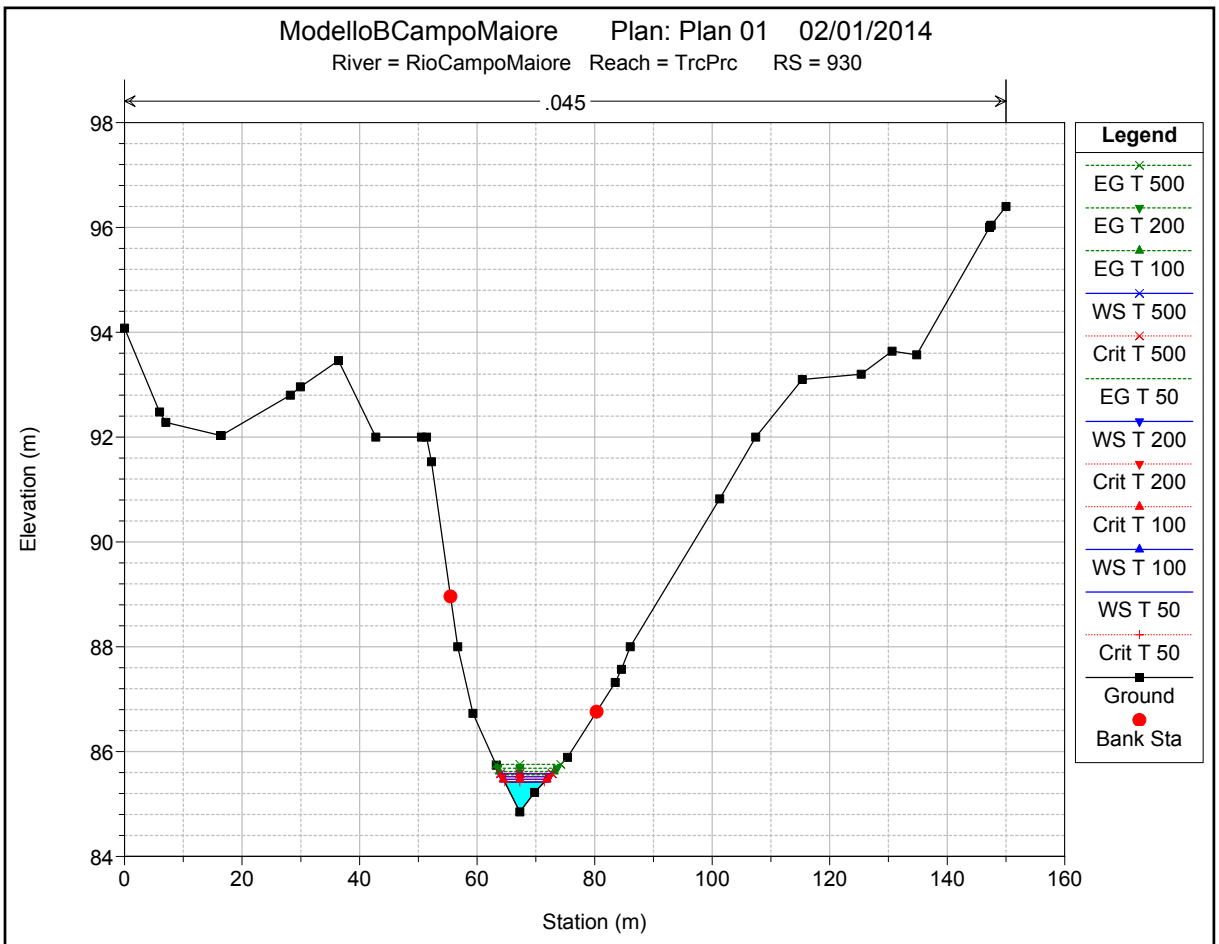
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
TrcPrc	240	T 100	8.76	35.70	35.84	35.84	35.92	0.021274	0.64	7.31	47.73	0.80
TrcPrc	240	T 200	10.85	35.70	35.87	35.87	35.96	0.019490	0.69	8.88	52.84	0.78
TrcPrc	240	T 500	13.75	35.70	35.90	35.90	36.00	0.020859	0.78	10.39	58.46	0.82
TrcPrc	210	T 50	6.79	34.12	34.29	34.29	34.36	0.019966	0.76	6.03	41.23	0.83
TrcPrc	210	T 100	8.76	34.12	34.32	34.32	34.40	0.019170	0.83	7.43	45.70	0.83
TrcPrc	210	T 200	10.85	34.12	34.35	34.35	34.44	0.018552	0.88	8.85	49.84	0.83
TrcPrc	210	T 500	13.75	34.12	34.39	34.39	34.49	0.017964	0.95	10.74	54.86	0.83
TrcPrc	180	T 50	6.79	32.12	32.52	32.52	32.63	0.025232	1.47	4.61	21.35	1.01
TrcPrc	180	T 100	8.76	32.12	32.57	32.57	32.69	0.023153	1.54	5.71	23.56	1.00
TrcPrc	180	T 200	10.85	32.12	32.61	32.61	32.74	0.022371	1.61	6.76	25.49	1.00
TrcPrc	180	T 500	13.75	32.12	32.66	32.66	32.81	0.022413	1.71	8.04	27.67	1.01
TrcPrc	150	T 50	6.79	32.00	32.43		32.44	0.001373	0.50	14.49	43.03	0.25
TrcPrc	150	T 100	8.76	32.00	32.48		32.50	0.001484	0.55	16.82	45.32	0.27
TrcPrc	150	T 200	10.85	32.00	32.54		32.55	0.001522	0.60	19.28	47.58	0.28
TrcPrc	150	T 500	13.75	32.00	32.60		32.62	0.001568	0.65	22.38	48.63	0.29
TrcPrc	137	T 50	6.79	32.00	32.40		32.42	0.001404	0.49	14.10	38.24	0.25
TrcPrc	137	T 100	8.76	32.00	32.45		32.47	0.001565	0.55	16.01	38.86	0.27
TrcPrc	137	T 200	10.85	32.00	32.50		32.52	0.001673	0.61	17.96	39.49	0.29
TrcPrc	137	T 500	13.75	32.00	32.56		32.59	0.001820	0.68	20.34	40.24	0.31
TrcPrc	92	T 50	6.79	32.00	32.35		32.36	0.001337	0.46	13.85	41.03	0.25
TrcPrc	92	T 100	8.76	32.00	32.39		32.41	0.001520	0.52	15.60	41.40	0.27
TrcPrc	92	T 200	10.85	32.00	32.44		32.46	0.001621	0.58	17.47	41.80	0.29
TrcPrc	92	T 500	13.75	32.00	32.49		32.52	0.001776	0.65	19.70	42.27	0.31
TrcPrc	63	T 50	6.79	32.00	32.32		32.33	0.001094	0.44	14.16	46.15	0.25
TrcPrc	63	T 100	8.76	32.00	32.35		32.37	0.001252	0.50	15.89	46.46	0.28
TrcPrc	63	T 200	10.85	32.00	32.40		32.42	0.001305	0.55	17.90	46.83	0.29
TrcPrc	63	T 500	13.75	32.00	32.45		32.47	0.001414	0.62	20.23	47.25	0.31
TrcPrc	24	T 50	6.79	32.00	32.15	32.15	32.23	0.012652	1.25	5.45	38.24	1.04
TrcPrc	24	T 100	8.76	32.00	32.18	32.18	32.27	0.010624	1.32	6.74	39.26	0.99
TrcPrc	24	T 200	10.85	32.00	32.21	32.21	32.31	0.010042	1.41	7.84	40.11	0.98
TrcPrc	24	T 500	13.75	32.00	32.25	32.25	32.36	0.009432	1.52	9.29	41.21	0.98

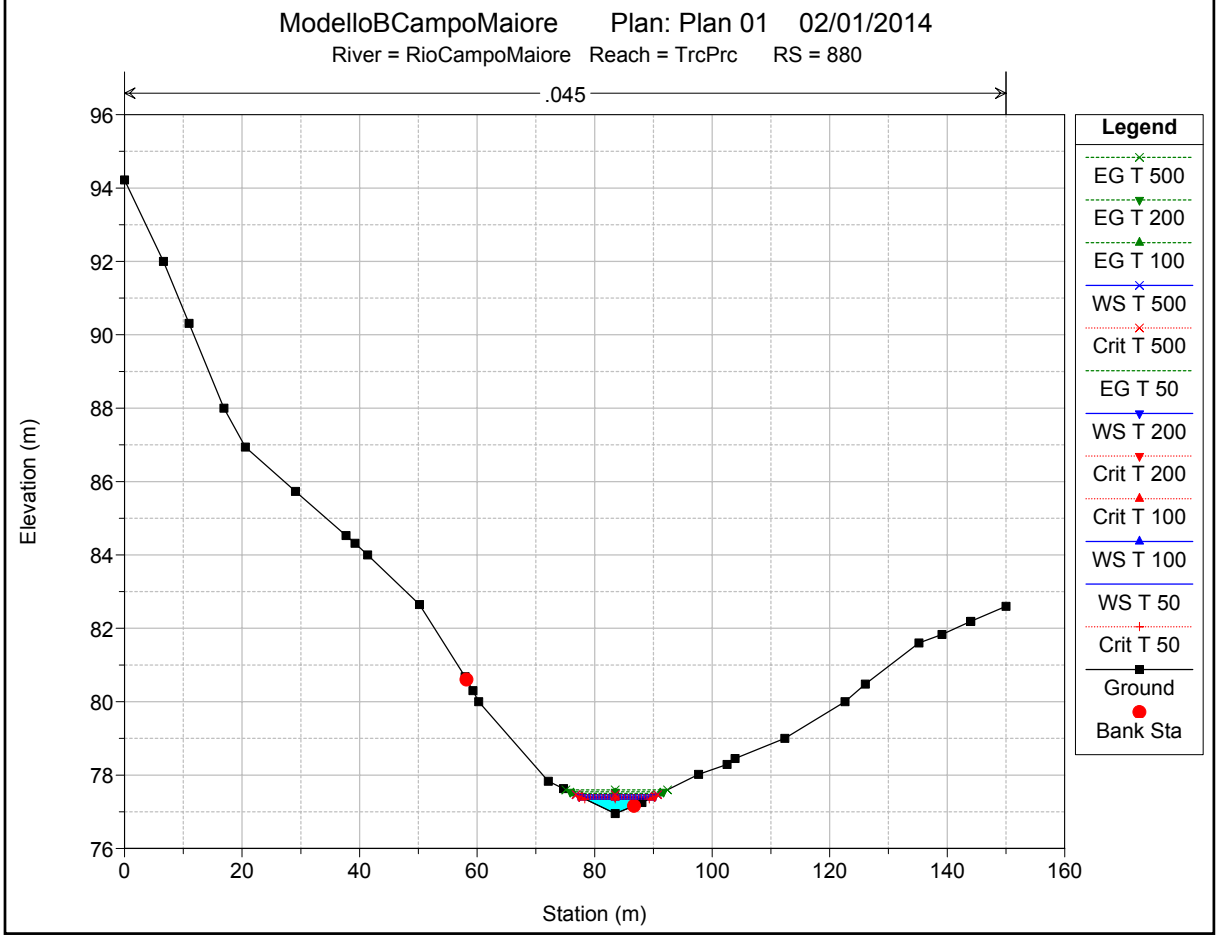
IL BACINO CAMPO MAIORE

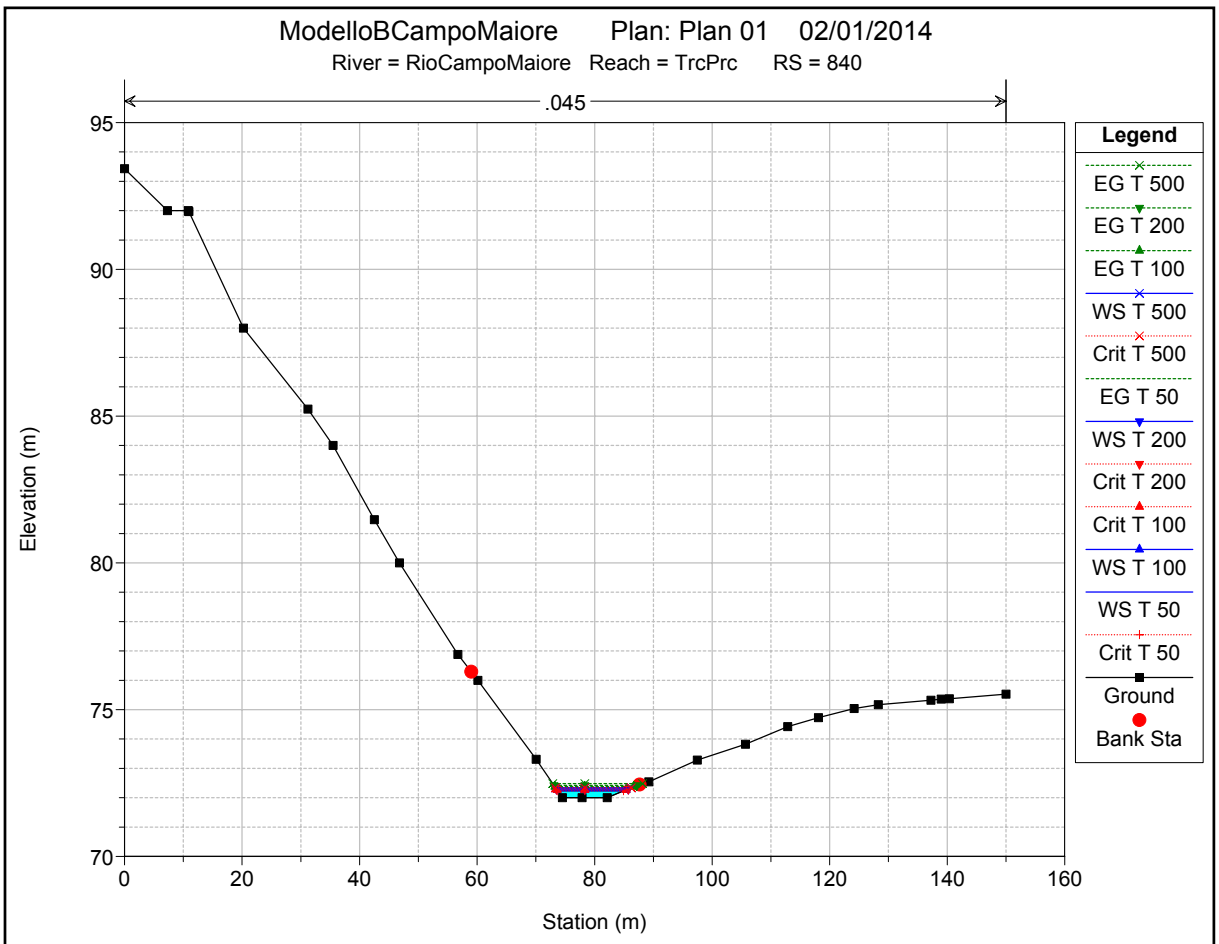
ModelloBCampoMaiore Plan: Plan 01 02/01/2014

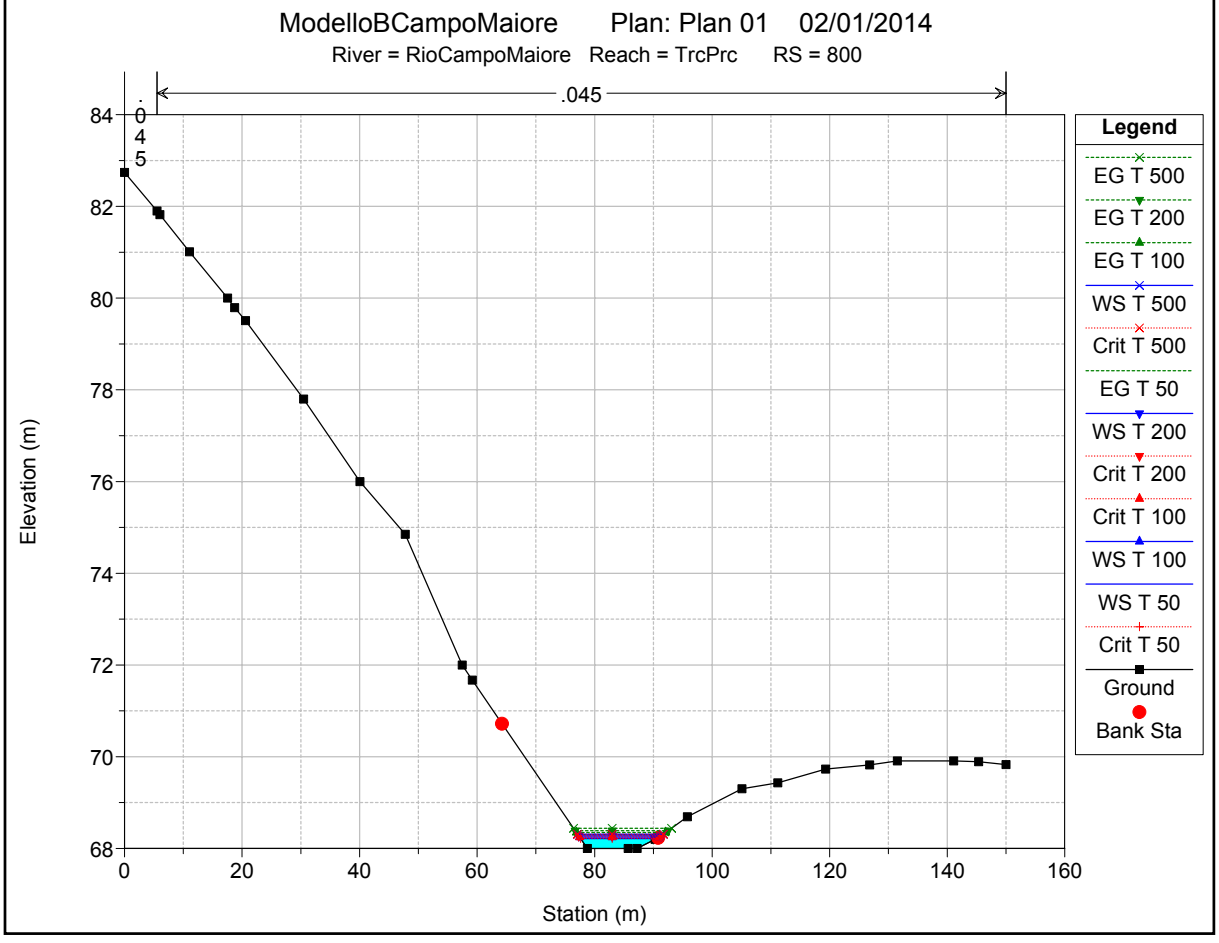
RioCampoMaiore TrcPrc

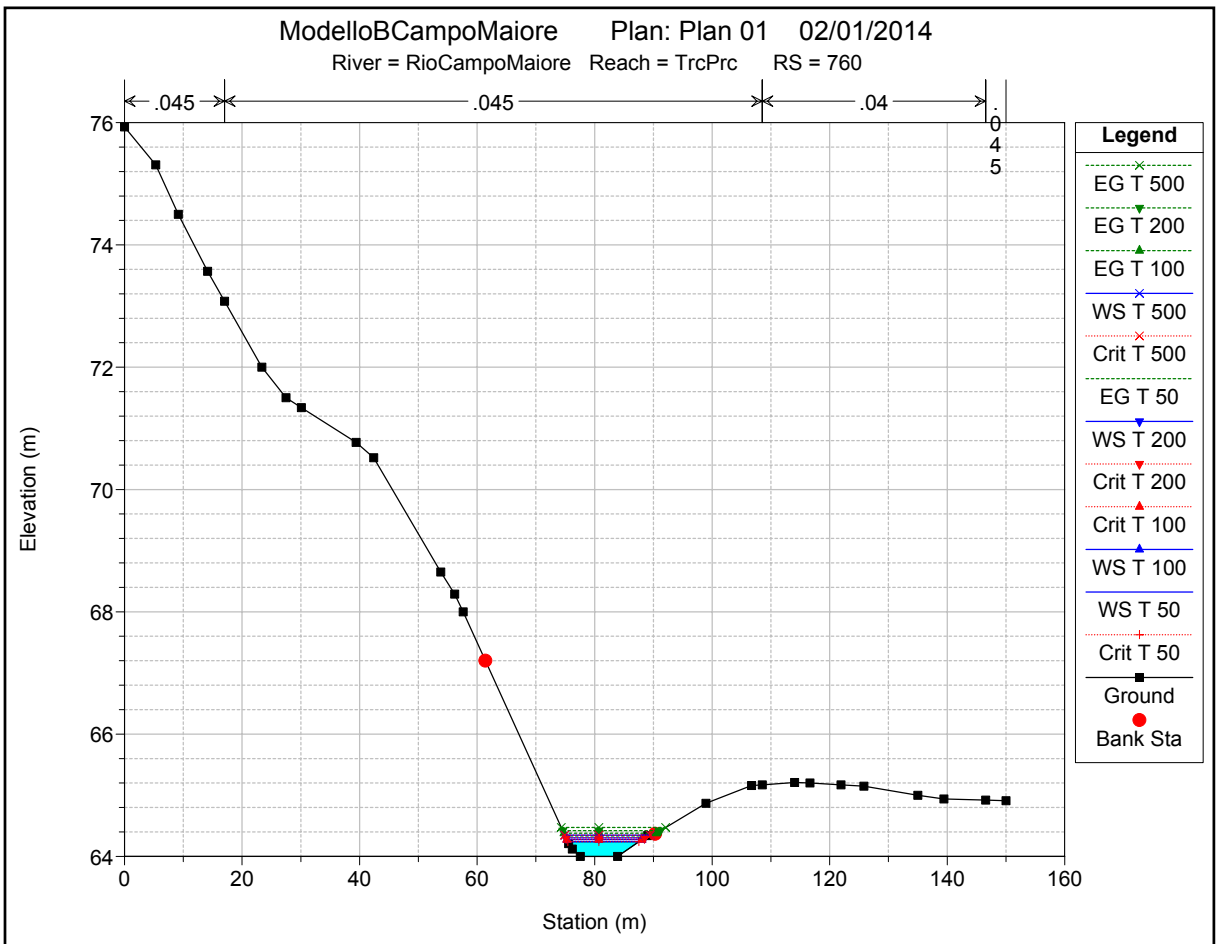


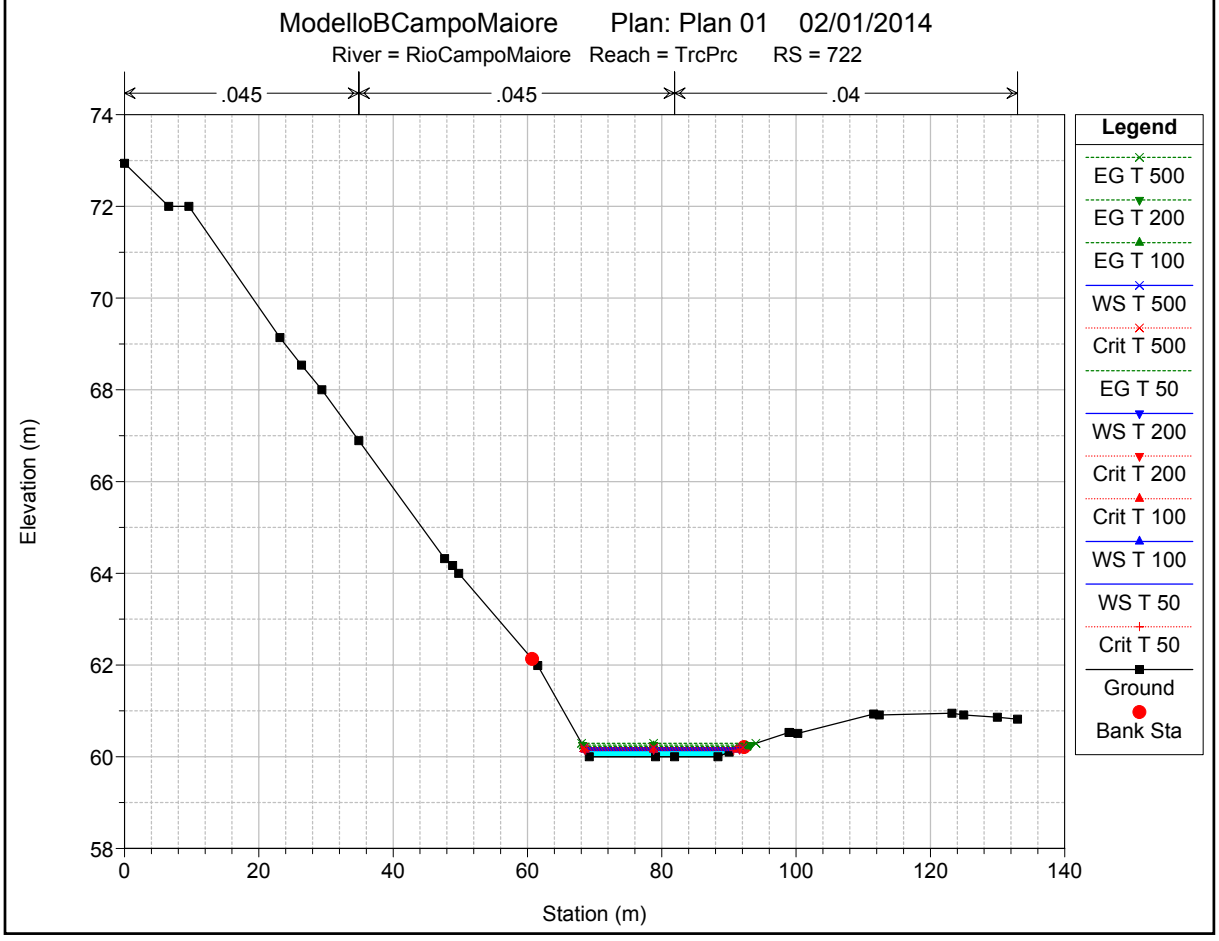

ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 930
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 880
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 840
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 800
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 760
.045
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta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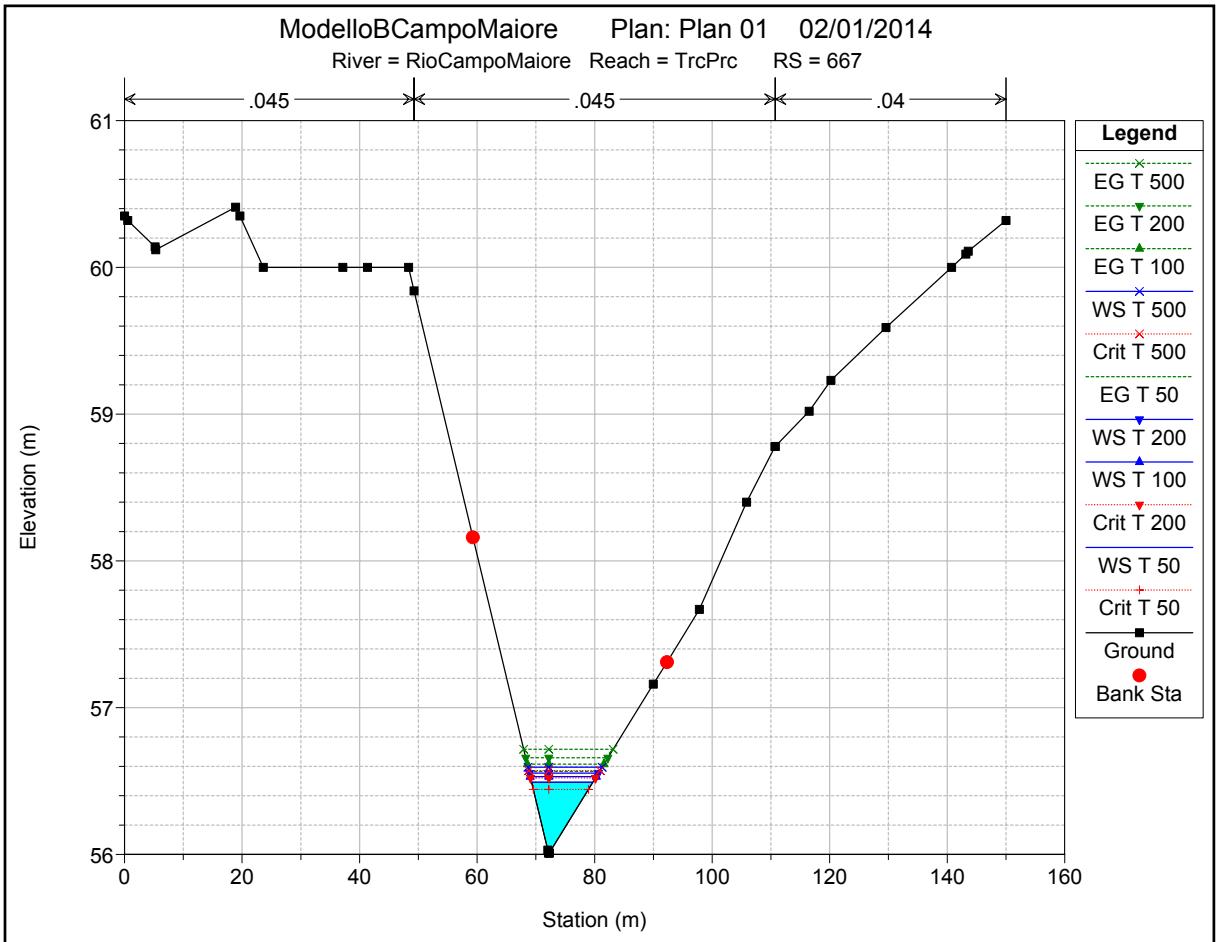
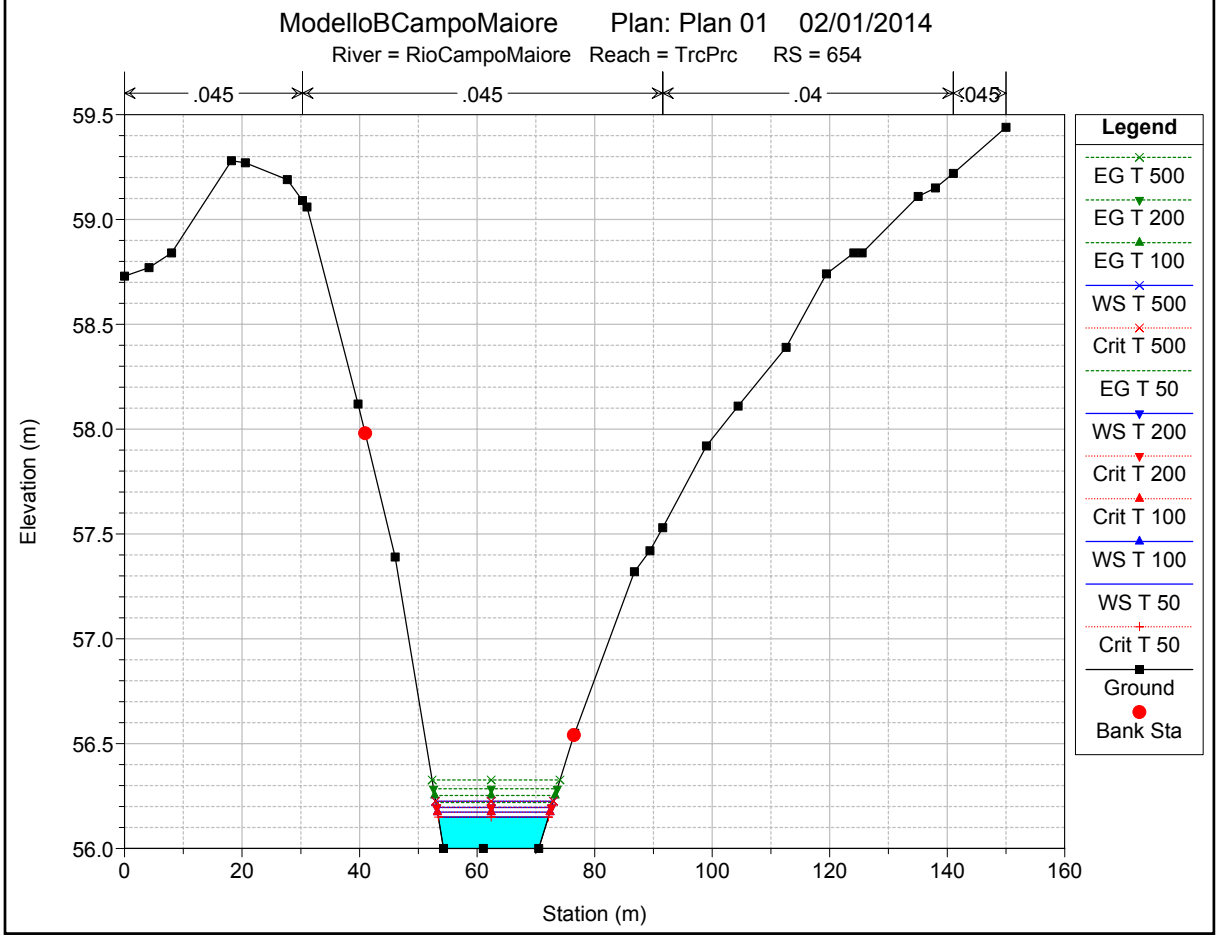
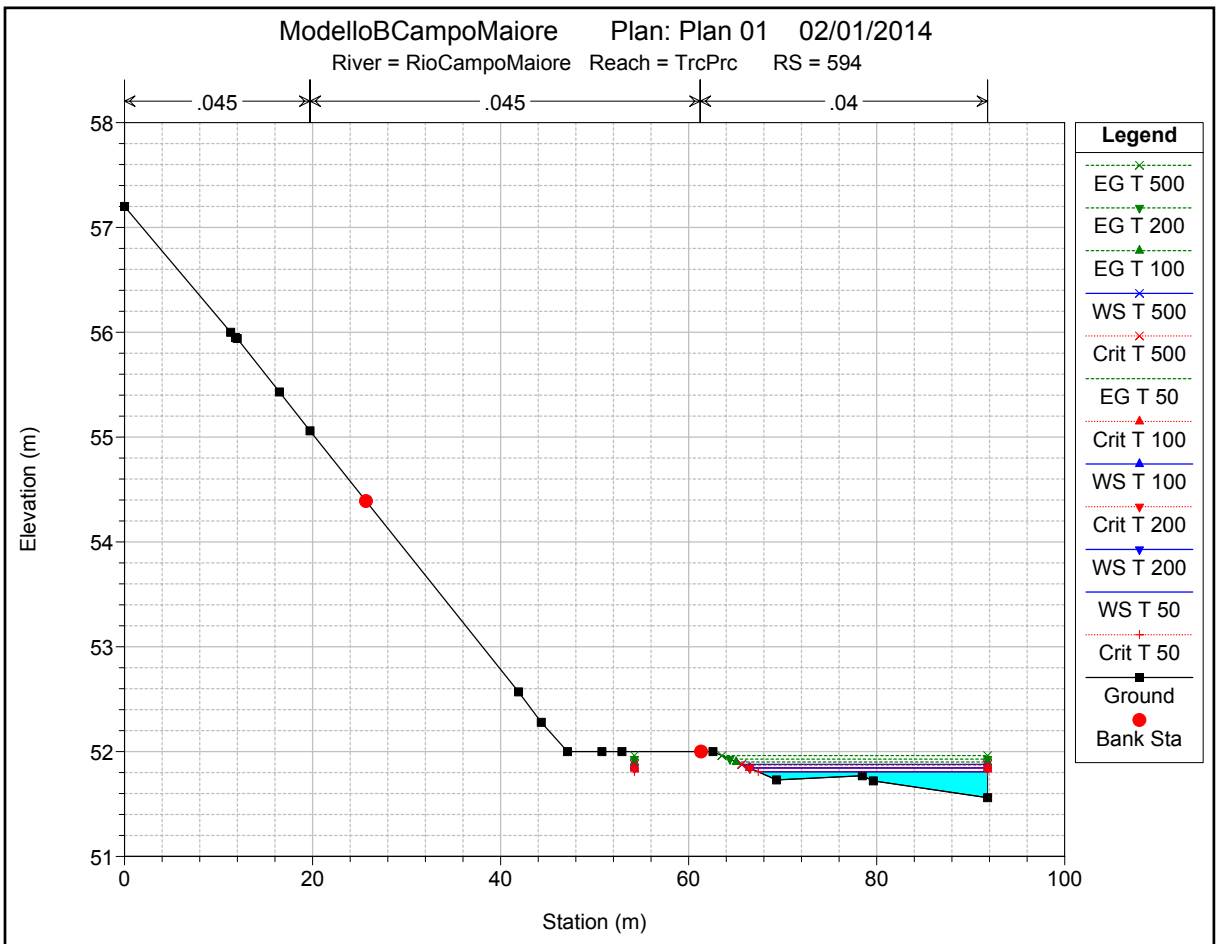
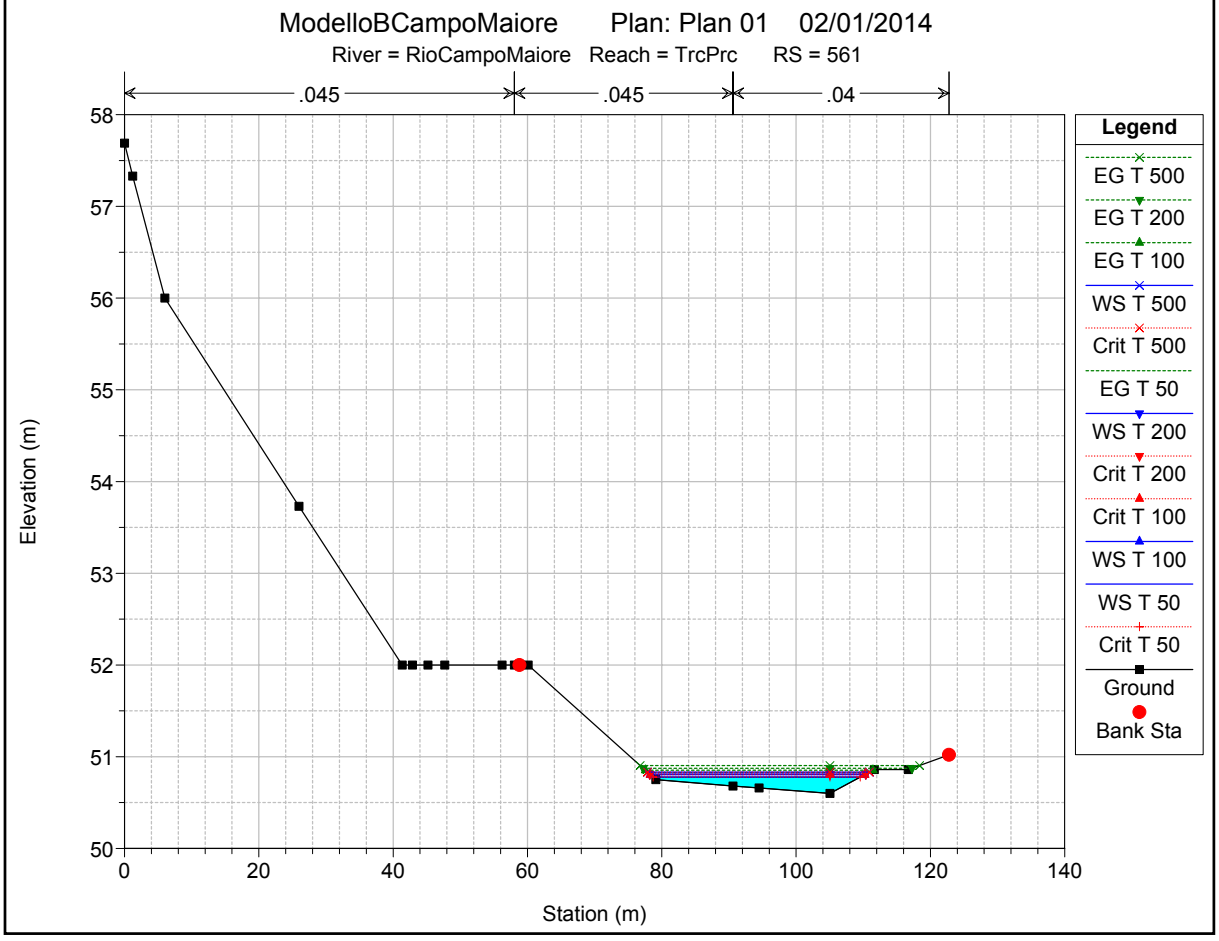
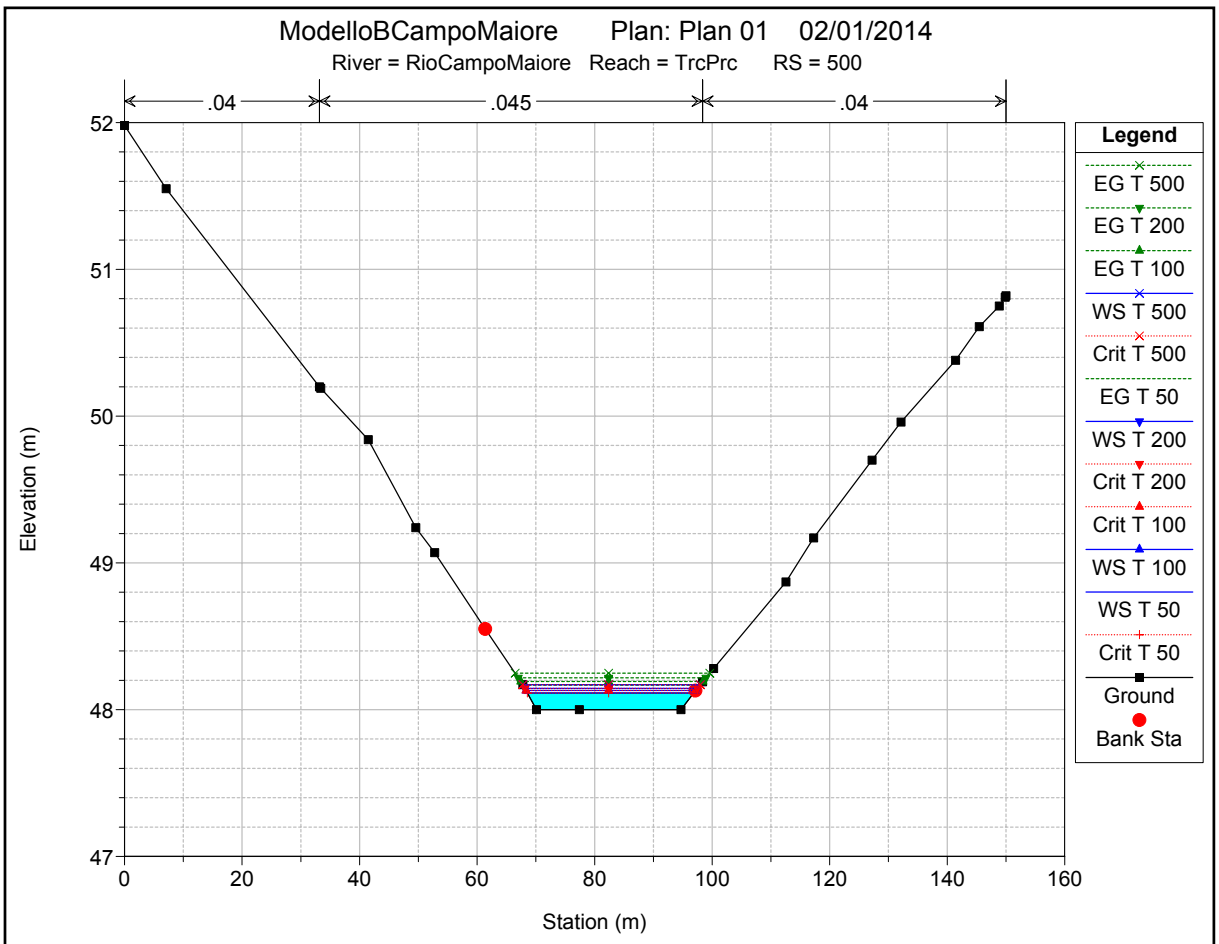
River = RioCampoMaiore Reach = TrcPrc RS = 722
.045
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

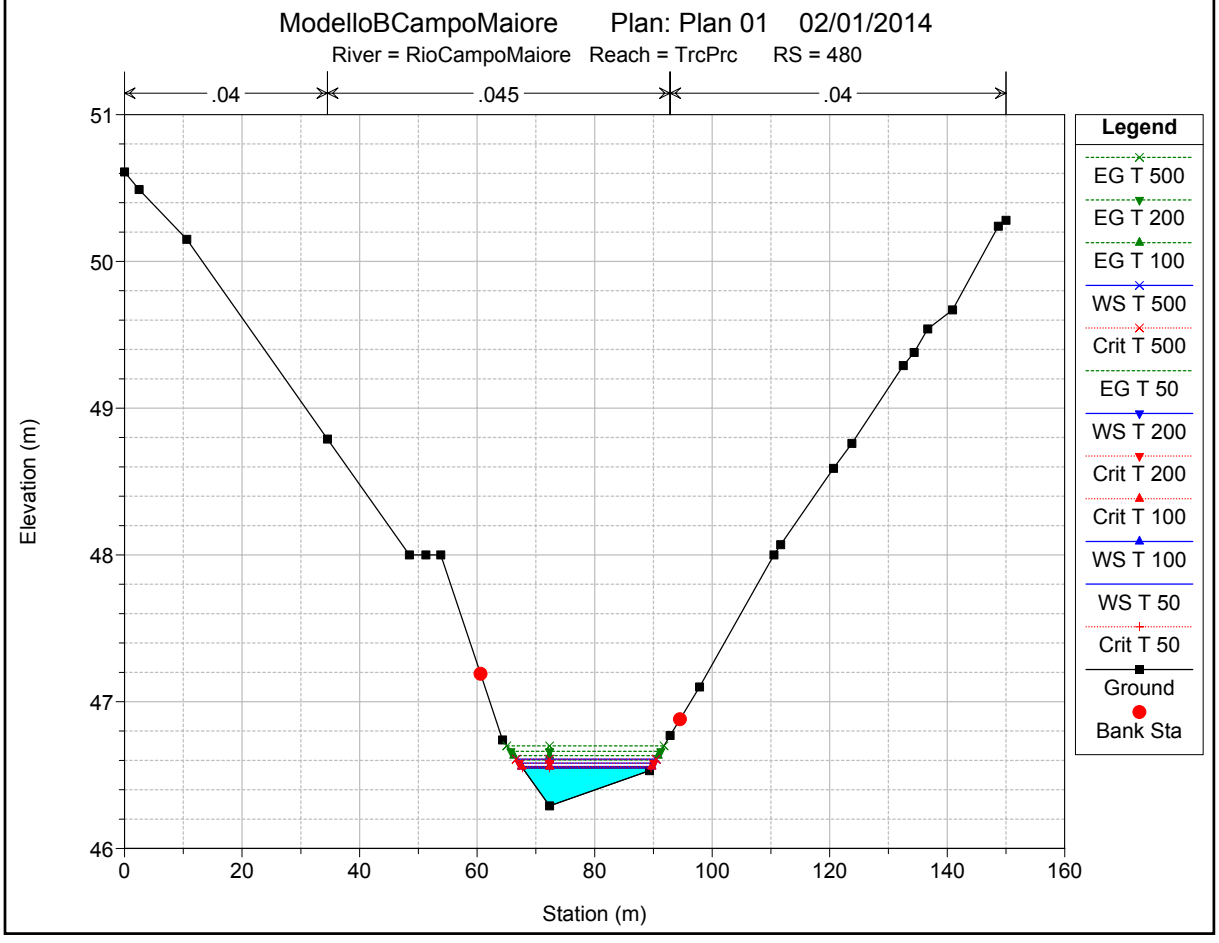

ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 667
.045
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
WS T 100
Crit T 200
WS T 50
Crit T 50
Ground
Bank Sta

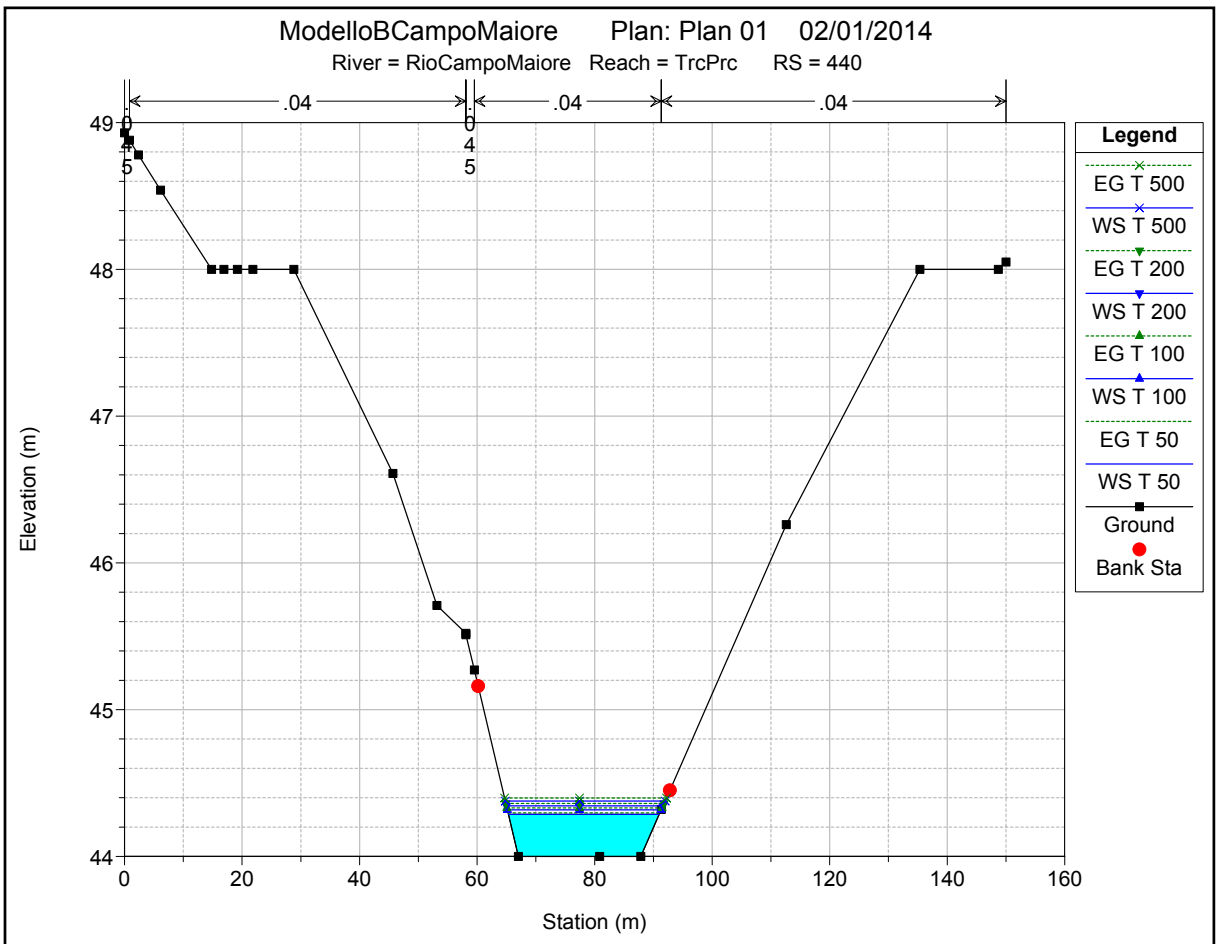

ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 654
.045
.045
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 594
.045
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
Crit T 100
WS T 100
Crit T 200
WS T 200
WS T 50
Crit T 50
Ground
Bank Sta


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 561
.045
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 500
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 480
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta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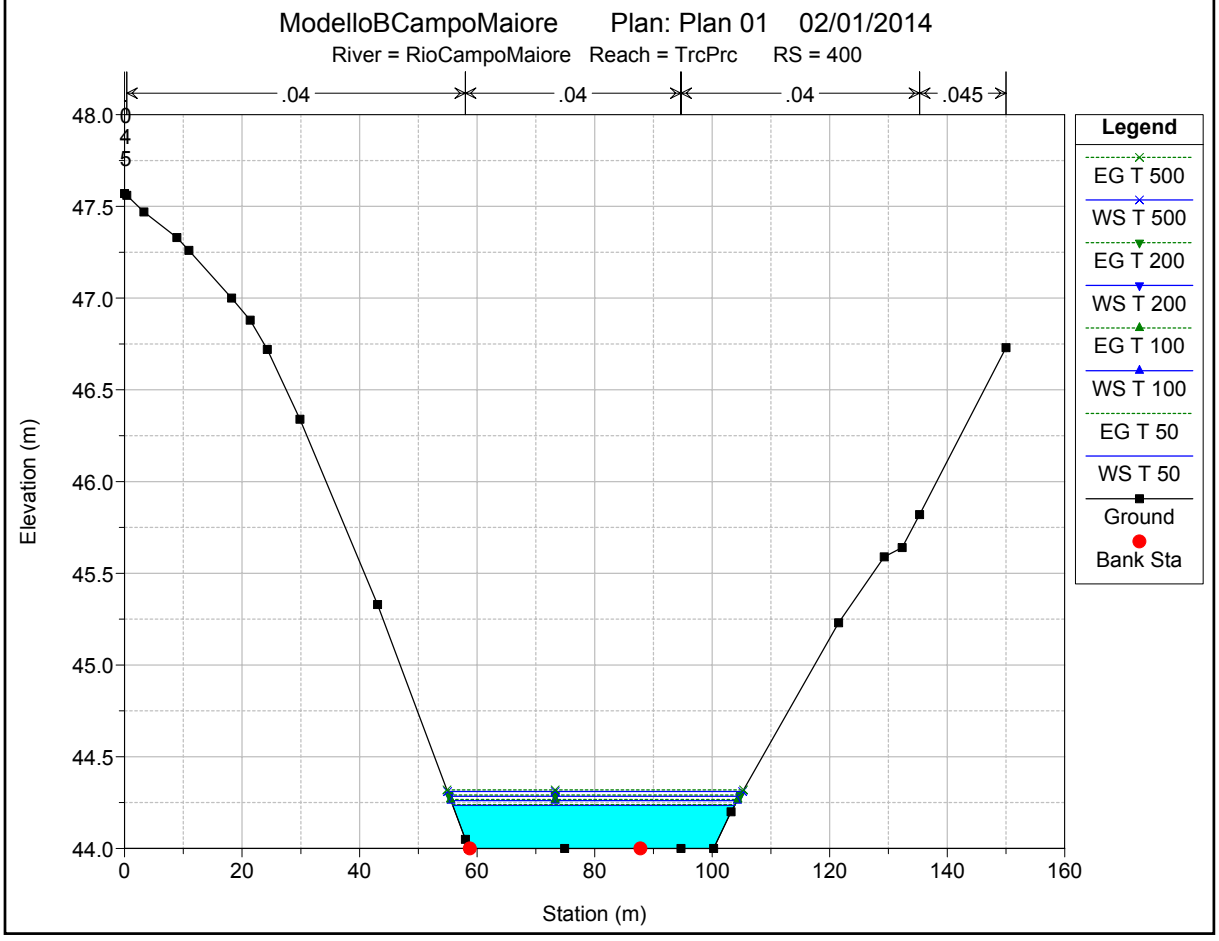
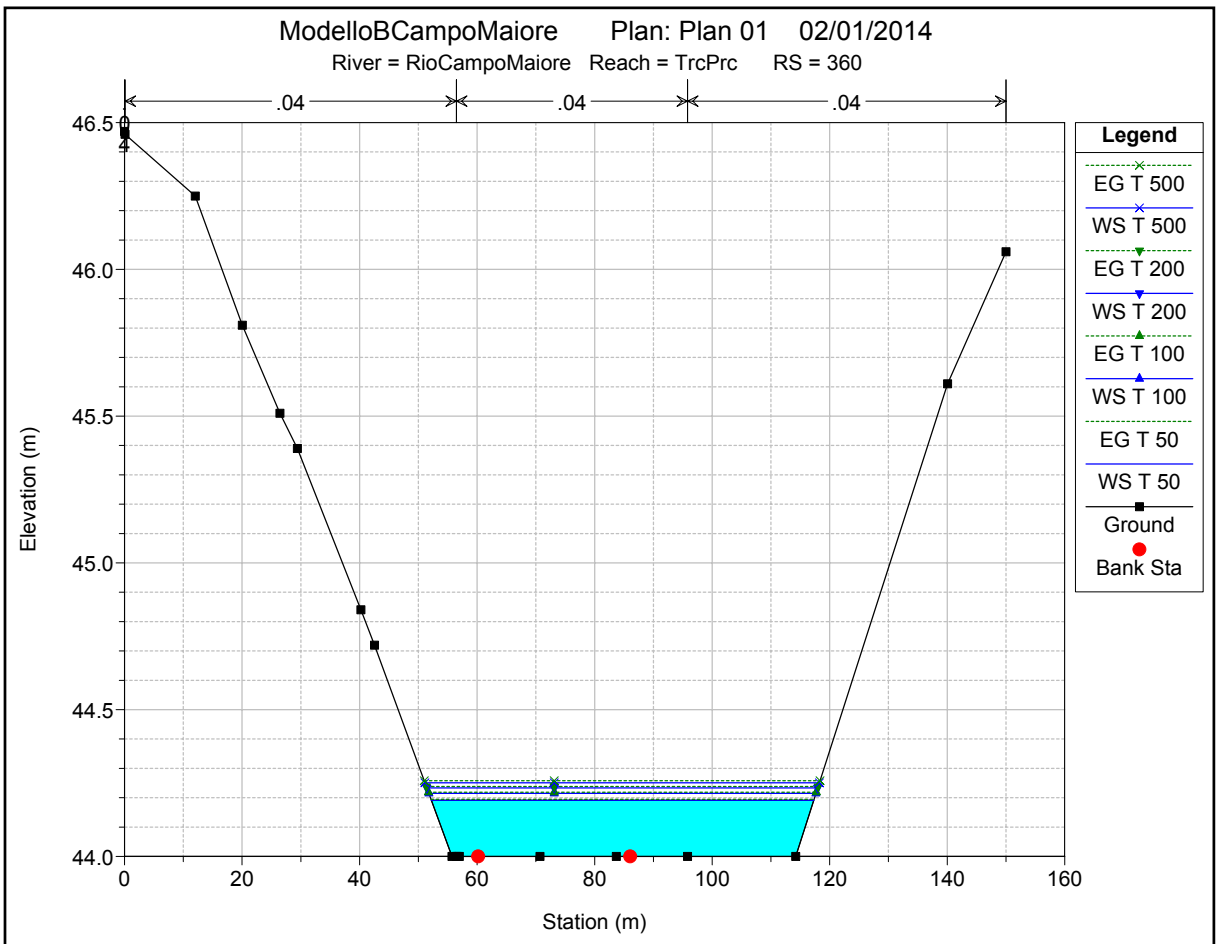
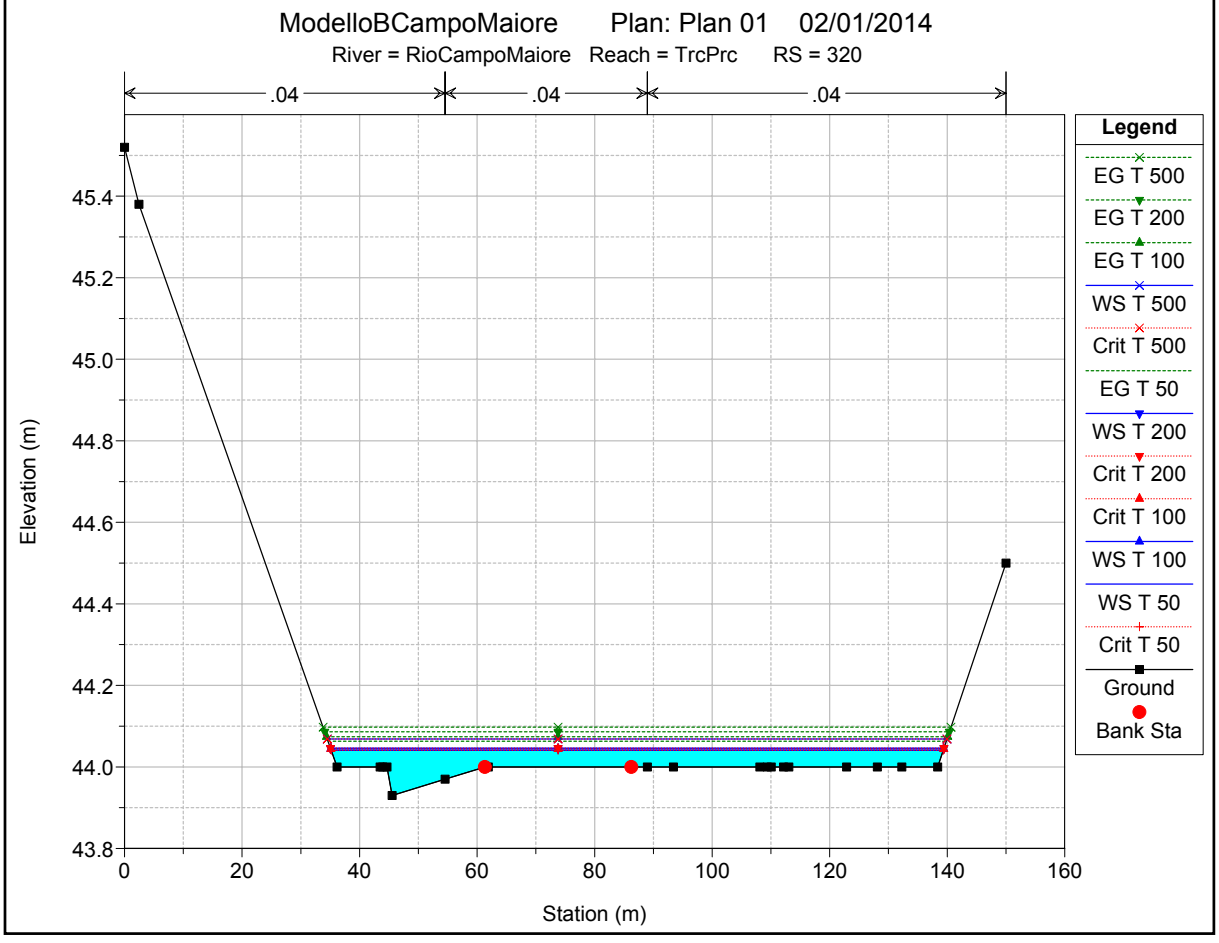
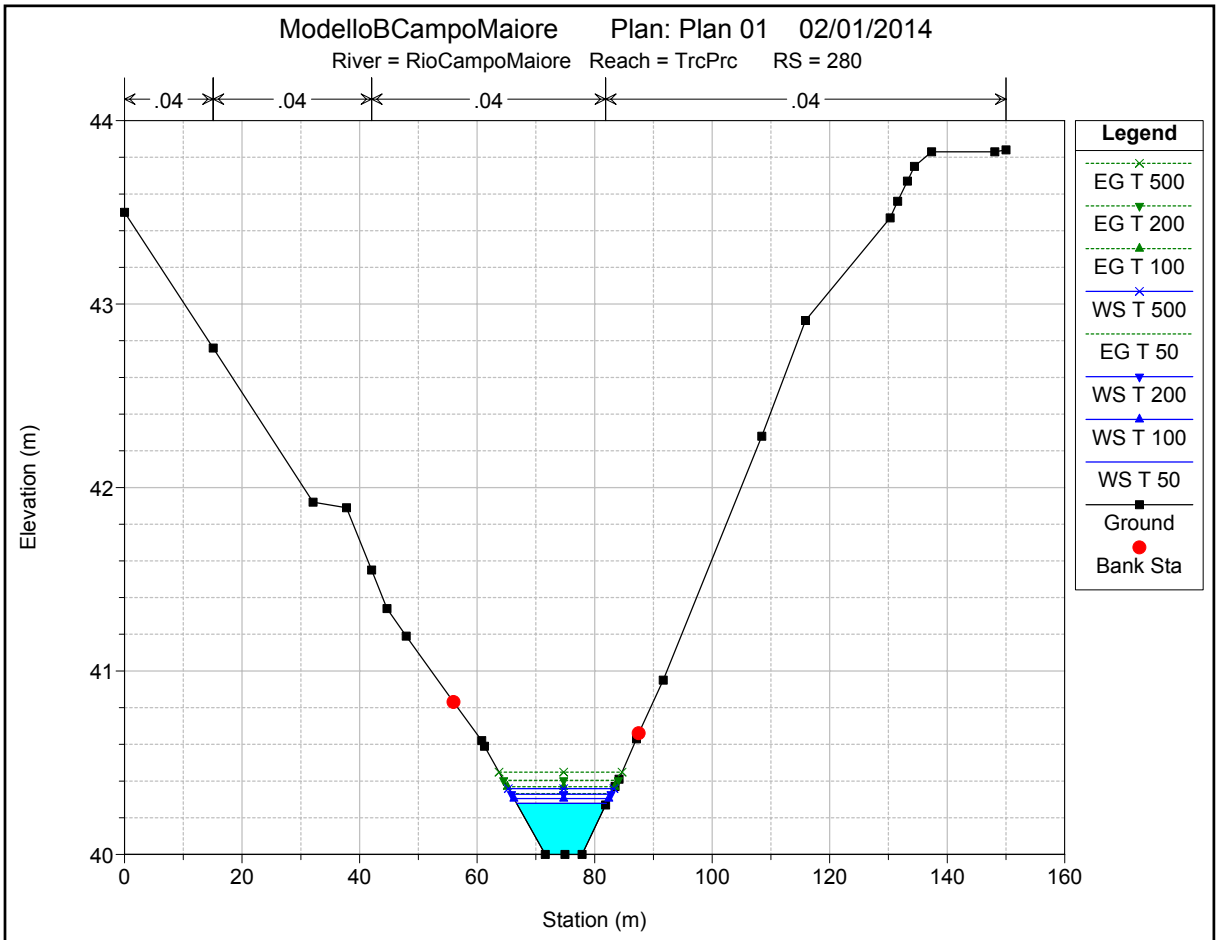
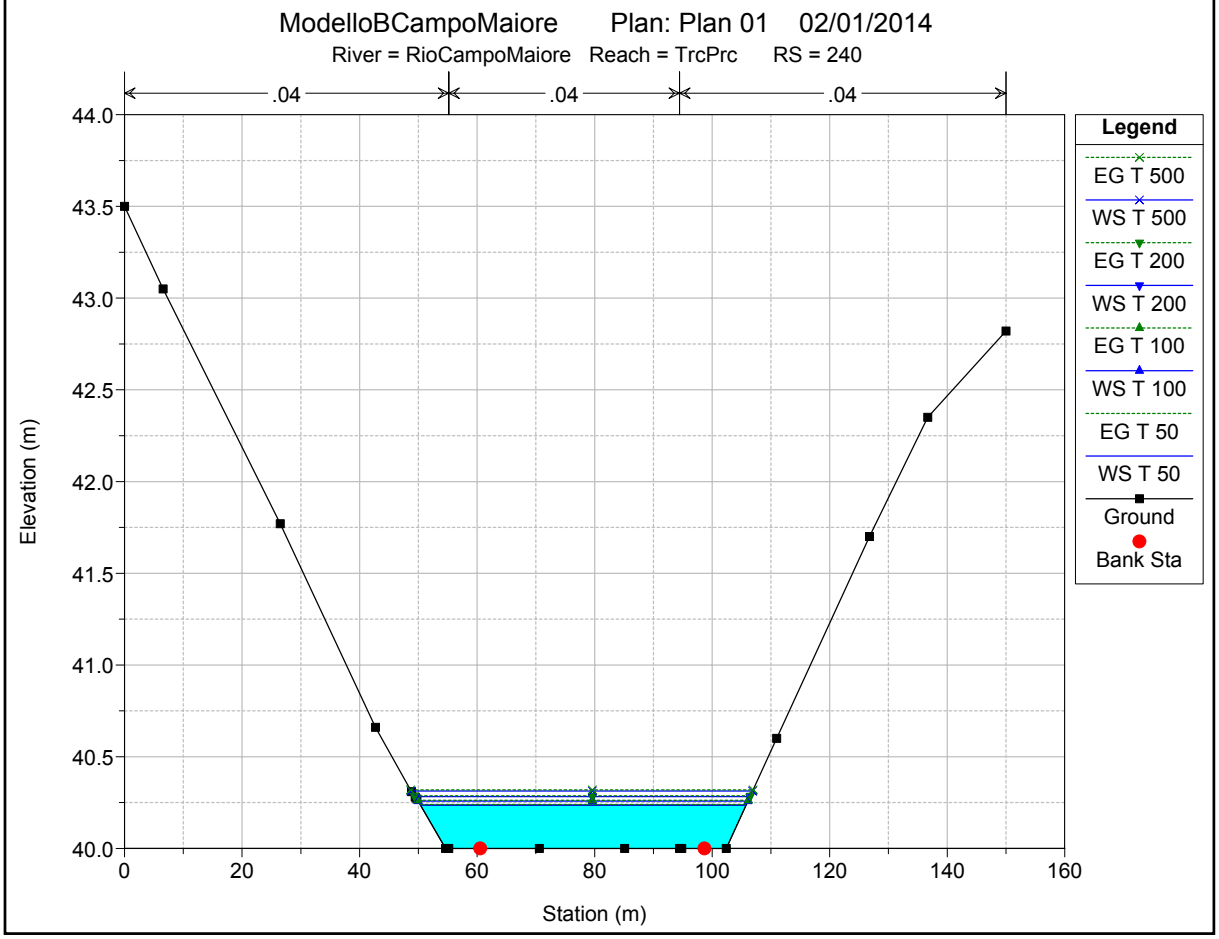
River = RioCampoMaiore Reach = TrcPrc RS = 440
.04
.04
.04
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)

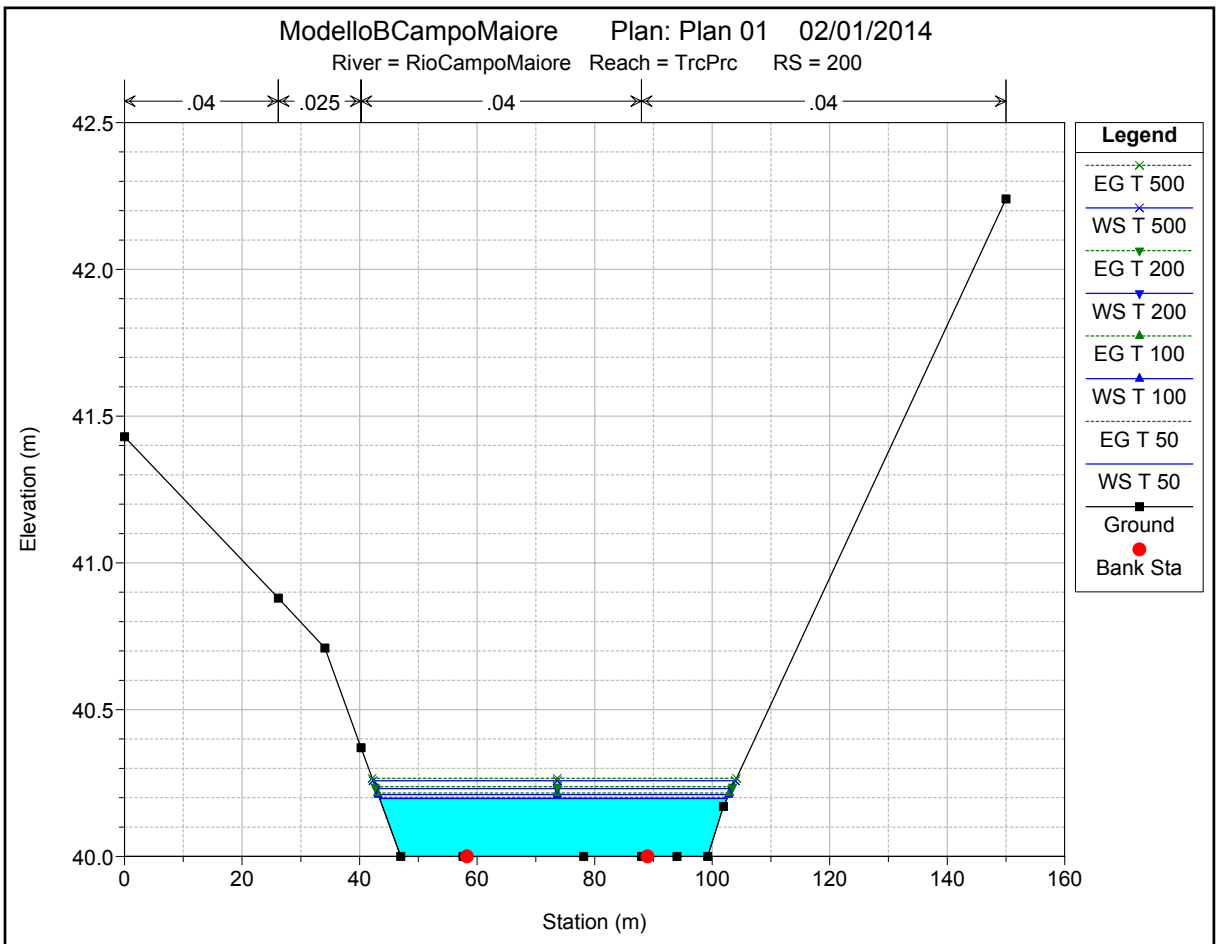

ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 400
.04
.04
.04
.045
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)

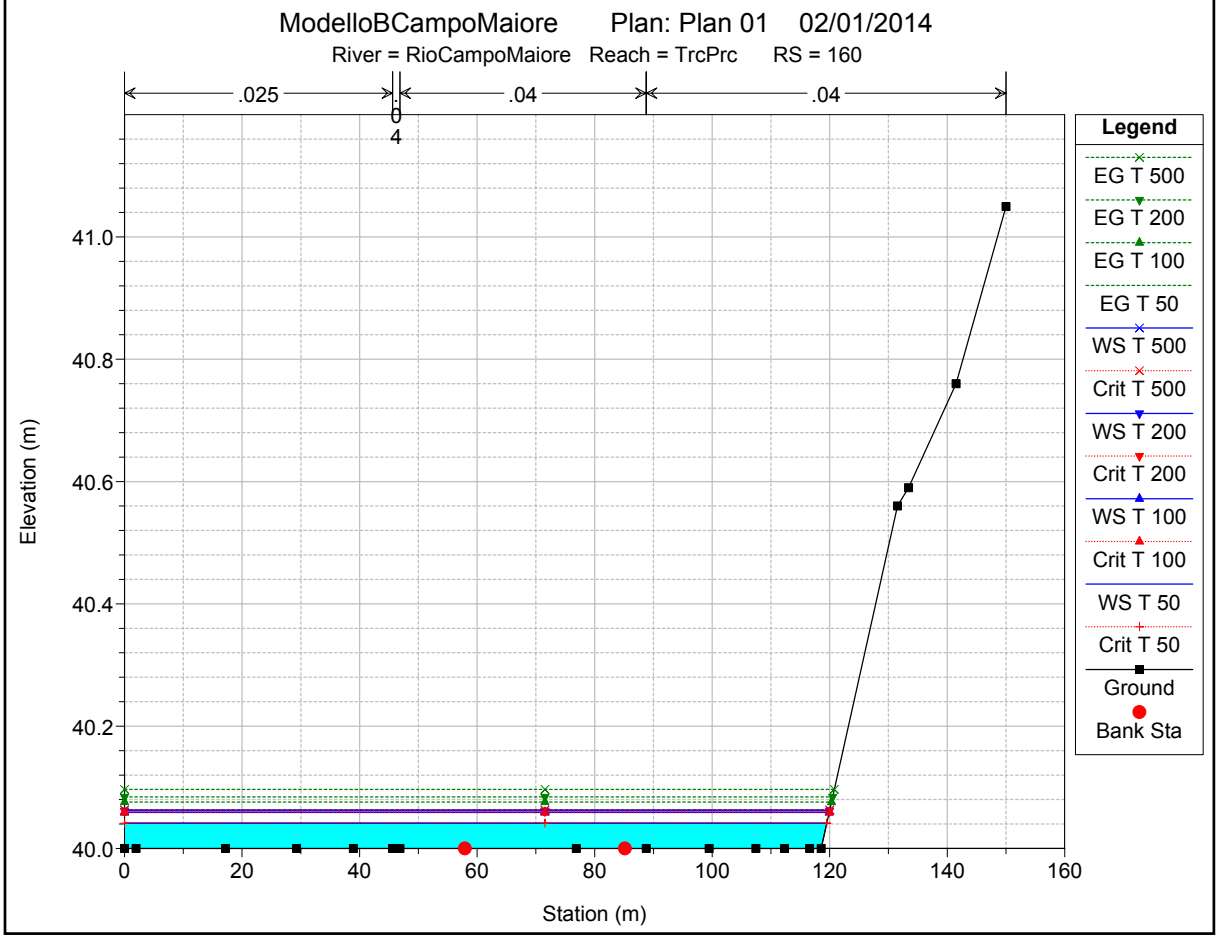

ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 360
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

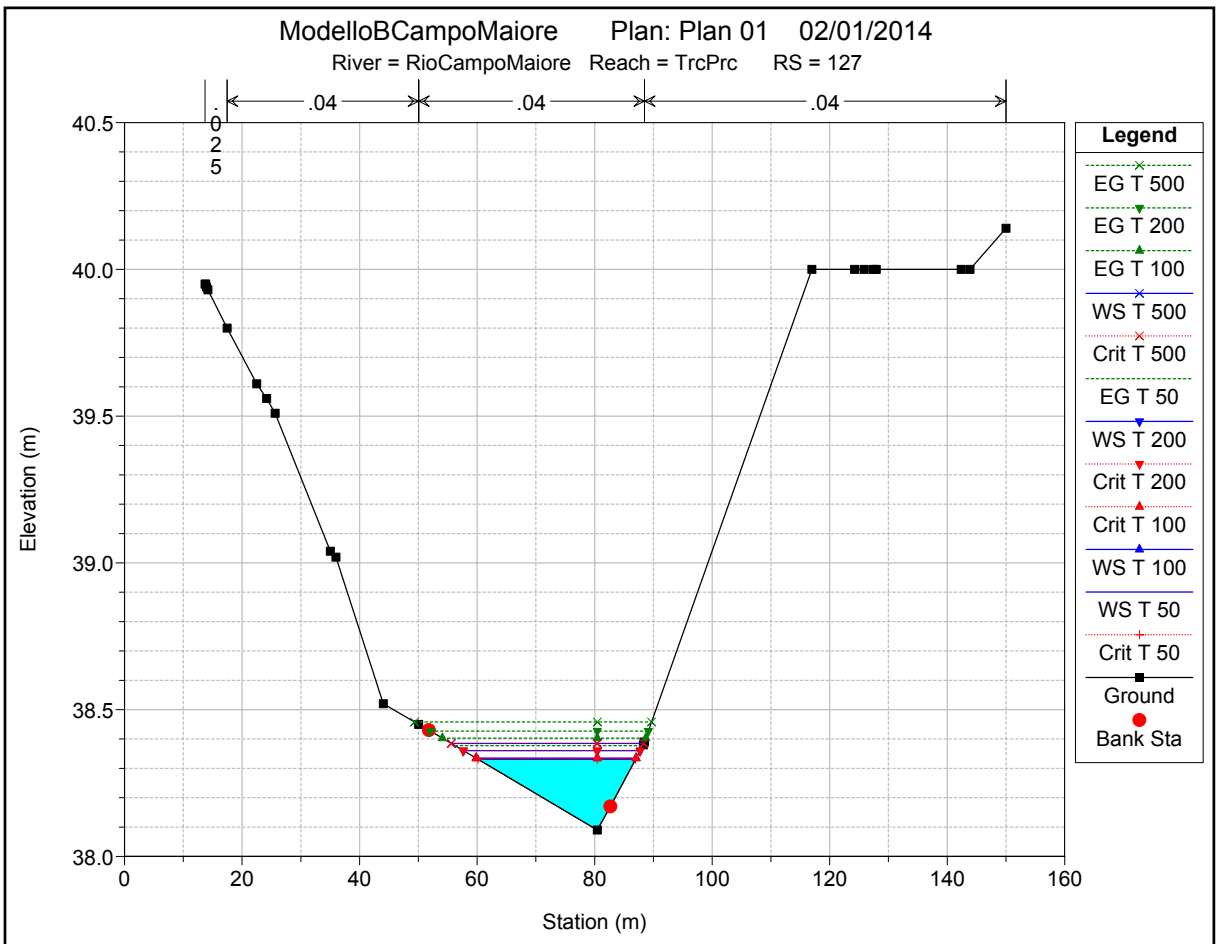

ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 320
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

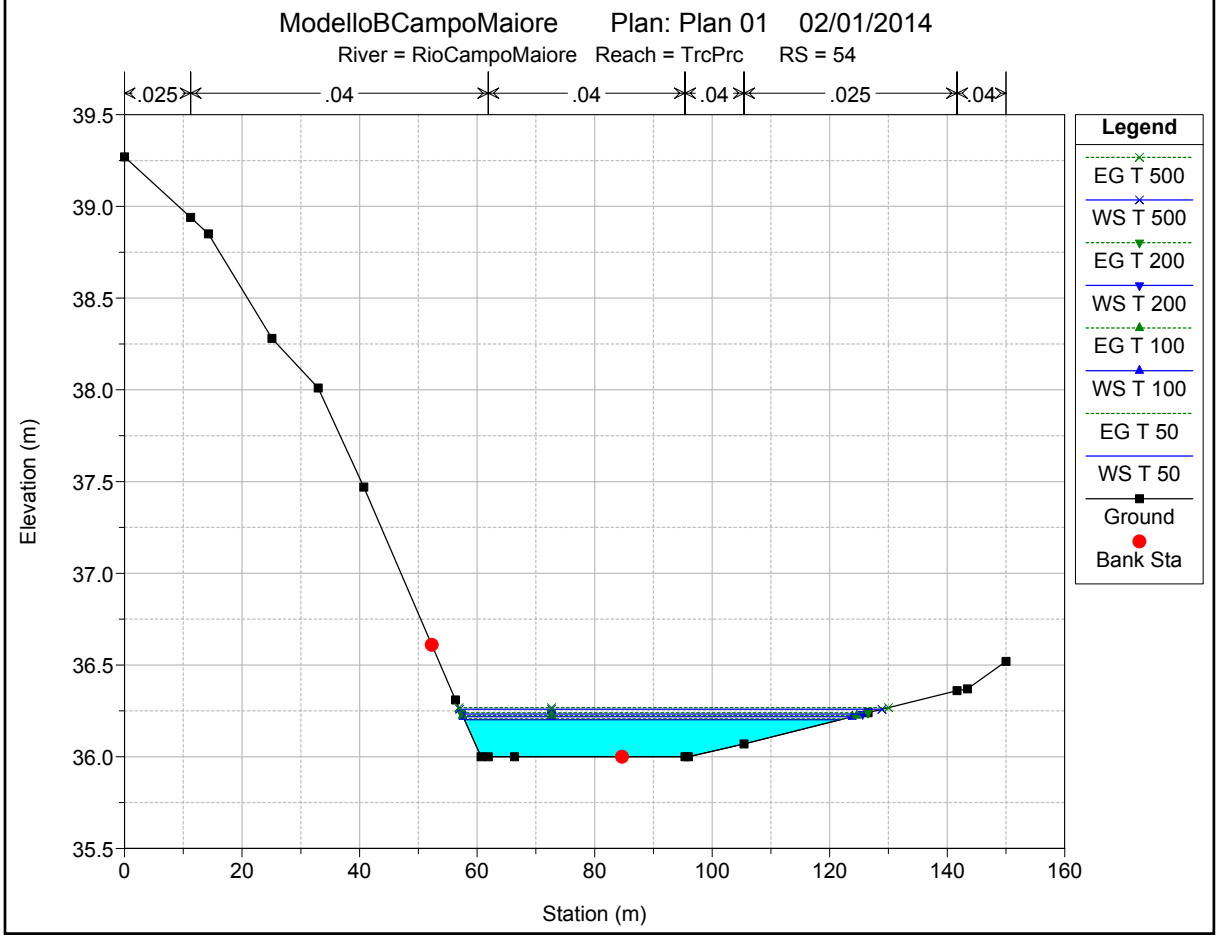

ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 280
.04
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
EG T 50
WS T 200
WS T 100
WS T 50
Ground
Bank Sta

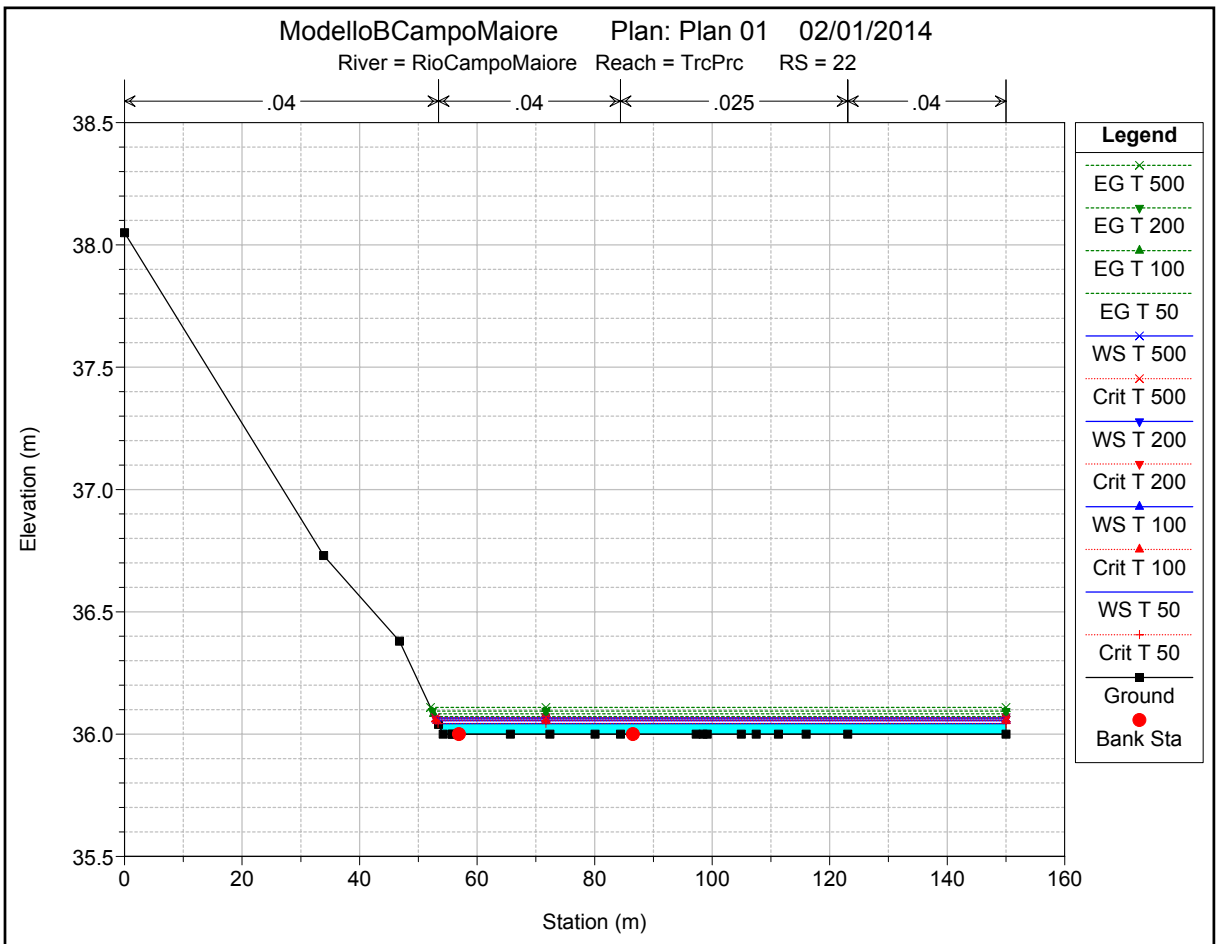

ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 240
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 200
.04
.025
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 160
.025
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
EG T 50
WS T 500
Crit T 500
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 127
.025
.04
.04
.04
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 54
.025
.04
.04
.04
.025
.04
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)


ModelloBCampoMaiore Plan: Plan 01 02/01/2014
River = RioCampoMaiore Reach = TrcPrc RS = 22
.04
.04
.025
.04
Elevation (m)
38.5
38.0
37.5
37.0
36.5
36.0
35.5
0
20
40
60
80
100
120
140
160
Station (m)
Legend
EG T 500
EG T 200
EG T 100
EG T 50
WS T 500
Crit T 500
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta

HEC-RAS Plan: Plan 01 River: RioCampoMaiore 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	930	T 50	3.06	84.85	85.42	85.42	85.56	0.031029	1.64	1.86	6.74	1.00
TrcPrc	930	T 100	3.83	84.85	85.47	85.47	85.62	0.030163	1.72	2.23	7.41	1.00
TrcPrc	930	T 200	4.63	84.85	85.52	85.52	85.68	0.029445	1.78	2.60	8.03	1.00
TrcPrc	930	T 500	5.76	84.85	85.58	85.58	85.75	0.028578	1.86	3.10	8.80	1.00
TrcPrc	880	T 50	3.06	76.95	77.35	77.35	77.45	0.029069	1.44	2.23	10.95	0.95
TrcPrc	880	T 100	3.83	76.95	77.39	77.39	77.50	0.028222	1.52	2.67	11.93	0.95
TrcPrc	880	T 200	4.63	76.95	77.42	77.42	77.54	0.027572	1.58	3.11	12.83	0.95
TrcPrc	880	T 500	5.76	76.95	77.46	77.46	77.60	0.027996	1.69	3.64	13.85	0.97
TrcPrc	840	T 50	3.06	72.00	72.23	72.23	72.33	0.034653	1.39	2.20	11.20	1.00
TrcPrc	840	T 100	3.83	72.00	72.27	72.27	72.38	0.032871	1.47	2.60	11.75	1.00
TrcPrc	840	T 200	4.63	72.00	72.30	72.30	72.42	0.032381	1.55	2.98	12.22	1.01
TrcPrc	840	T 500	5.76	72.00	72.34	72.34	72.48	0.031201	1.64	3.50	12.87	1.01
TrcPrc	800	T 50	3.06	68.00	68.22	68.22	68.31	0.035249	1.32	2.32	12.98	1.00
TrcPrc	800	T 100	3.83	68.00	68.25	68.25	68.35	0.033621	1.41	2.72	13.56	1.00
TrcPrc	800	T 200	4.63	68.00	68.28	68.28	68.39	0.032124	1.49	3.12	14.01	0.99
TrcPrc	800	T 500	5.76	68.00	68.31	68.31	68.44	0.030768	1.59	3.64	14.60	0.99
TrcPrc	760	T 50	3.06	64.00	64.24	64.24	64.33	0.034682	1.35	2.26	12.10	1.00
TrcPrc	760	T 100	3.83	64.00	64.27	64.27	64.38	0.033384	1.43	2.68	12.76	1.00
TrcPrc	760	T 200	4.63	64.00	64.30	64.30	64.42	0.032917	1.51	3.07	13.35	1.01
TrcPrc	760	T 500	5.76	64.00	64.35	64.35	64.47	0.031549	1.57	3.66	14.54	1.00
TrcPrc	722	T 50	3.06	60.00	60.13	60.13	60.20	0.036195	1.11	2.76	22.06	1.00
TrcPrc	722	T 100	3.83	60.00	60.16	60.16	60.23	0.034735	1.19	3.23	22.56	1.00
TrcPrc	722	T 200	4.63	60.00	60.18	60.18	60.26	0.033437	1.25	3.69	23.05	1.00
TrcPrc	722	T 500	5.76	60.00	60.20	60.20	60.29	0.033271	1.35	4.25	23.64	1.02
TrcPrc	667	T 50	3.06	56.01	56.49	56.44	56.57	0.019441	1.20	2.54	10.42	0.78
TrcPrc	667	T 100	3.83	56.01	56.53		56.62	0.020363	1.30	2.95	11.23	0.81
TrcPrc	667	T 200	4.63	56.01	56.55	56.52	56.66	0.023432	1.43	3.23	11.75	0.87
TrcPrc	667	T 500	5.76	56.01	56.59	56.57	56.72	0.024957	1.55	3.72	12.60	0.91
TrcPrc	654	T 50	3.06	56.00	56.15	56.15	56.22	0.038653	1.17	2.61	18.75	1.00
TrcPrc	654	T 100	3.83	56.00	56.17	56.17	56.25	0.036521	1.25	3.06	19.15	1.00
TrcPrc	654	T 200	4.63	56.00	56.20	56.20	56.28	0.035238	1.32	3.50	19.54	1.00
TrcPrc	654	T 500	5.76	56.00	56.23	56.23	56.33	0.033732	1.41	4.08	20.04	1.00
TrcPrc	594	T 50	3.06	52.00	51.81	51.81	51.87	0.038673		2.71	24.38	0.00
TrcPrc	594	T 100	3.83	52.00	51.84	51.84	51.90	0.024392		3.62	25.30	0.00
TrcPrc	594	T 200	4.63	52.00	51.84	51.84	51.93	0.035720		3.61	25.30	0.00
TrcPrc	594	T 500	5.76	52.00	51.88	51.88	51.96	0.028444		4.47	26.13	0.00
TrcPrc	561	T 50	3.06	50.60	50.78	50.78	50.83	0.031219	0.99	3.09	30.83	1.00
TrcPrc	561	T 100	3.83	50.60	50.80	50.80	50.85	0.023760	0.97	3.96	31.95	0.88
TrcPrc	561	T 200	4.63	50.60	50.81	50.81	50.87	0.030371	1.12	4.14	32.18	0.99
TrcPrc	561	T 500	5.76	50.60	50.83	50.83	50.90	0.029878	1.19	4.83	33.03	1.00
TrcPrc	500	T 50	3.06	48.00	48.11	48.11	48.17	0.041898	1.02	3.00	28.29	1.00
TrcPrc	500	T 100	3.83	48.00	48.13	48.13	48.19	0.040024	1.09	3.51	28.88	1.00
TrcPrc	500	T 200	4.63	48.00	48.15	48.15	48.22	0.040942	1.18	3.92	29.35	1.03
TrcPrc	500	T 500	5.76	48.00	48.17	48.17	48.25	0.036191	1.24	4.67	30.20	0.99
TrcPrc	480	T 50	3.06	46.29	46.55	46.55	46.60	0.031387	1.04	2.95	21.87	0.90
TrcPrc	480	T 100	3.83	46.29	46.56	46.56	46.63	0.039984	1.21	3.16	22.17	1.02
TrcPrc	480	T 200	4.63	46.29	46.58	46.58	46.66	0.036319	1.25	3.69	22.94	1.00
TrcPrc	480	T 500	5.76	46.29	46.61	46.61	46.70	0.034944	1.33	4.32	23.81	1.00
TrcPrc	440	T 50	3.06	44.00	44.29		44.30	0.002045	0.46	6.66	25.66	0.29
TrcPrc	440	T 100	3.83	44.00	44.32		44.33	0.002262	0.51	7.45	26.17	0.31
TrcPrc	440	T 200	4.63	44.00	44.34		44.36	0.002454	0.57	8.18	26.64	0.33
TrcPrc	440	T 500	5.76	44.00	44.38		44.40	0.002727	0.64	9.07	27.22	0.35
TrcPrc	400	T 50	3.06	44.00	44.24		44.24	0.000997	0.30	10.52	47.97	0.20
TrcPrc	400	T 100	3.83	44.00	44.26		44.27	0.001088	0.34	11.79	48.75	0.21
TrcPrc	400	T 200	4.63	44.00	44.28		44.29	0.001188	0.37	12.93	49.43	0.22
TrcPrc	400	T 500	5.76	44.00	44.31		44.32	0.001355	0.42	14.25	50.21	0.24
TrcPrc	360	T 50	3.06	44.00	44.19		44.19	0.001028	0.27	11.82	65.06	0.19
TrcPrc	360	T 100	3.83	44.00	44.21		44.22	0.001092	0.30	13.34	65.86	0.20
TrcPrc	360	T 200	4.63	44.00	44.23		44.24	0.001200	0.33	14.58	66.51	0.22
TrcPrc	360	T 500	5.76	44.00	44.25		44.26	0.001449	0.38	15.76	67.11	0.24
TrcPrc	320	T 50	3.06	44.00	44.04	44.04	44.06	0.037938	0.58	4.78	104.13	0.91
TrcPrc	320	T 100	3.83	44.00	44.04	44.04	44.07	0.047177	0.68	5.14	104.30	1.03
TrcPrc	320	T 200	4.63	44.00	44.05	44.05	44.09	0.060993	0.79	5.34	104.39	1.18
TrcPrc	320	T 500	5.76	44.00	44.07	44.07	44.10	0.028711	0.71	7.71	105.47	0.87
TrcPrc	280	T 50	3.06	40.00	40.28		40.33	0.014552	1.02	2.99	15.28	0.74
TrcPrc	280	T 100	3.83	40.00	40.30		40.37	0.015618	1.13	3.40	16.15	0.78
TrcPrc	280	T 200	4.63	40.00	40.33		40.40	0.016539	1.22	3.80	16.96	0.82
TrcPrc	280	T 500	5.76	40.00	40.36		40.45	0.017665	1.33	4.33	17.97	0.87
TrcPrc	240	T 50	3.06	40.00	40.24		40.24	0.000737	0.26	12.21	55.43	0.17
TrcPrc	240	T 100	3.83	40.00	40.26		40.26	0.000857	0.30	13.40	56.13	0.19

HEC-RAS Plan: Plan 01 River: RioCampoMaiore 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	240	T 200	4.63	40.00	40.28		40.29	0.000922	0.33	14.77	57.02	0.20
TrcPrc	240	T 500	5.76	40.00	40.31		40.32	0.000998	0.36	16.54	58.11	0.21
TrcPrc	200	T 50	3.06	40.00	40.20		40.20	0.001172	0.29	10.97	59.14	0.21
TrcPrc	200	T 100	3.83	40.00	40.21		40.22	0.001473	0.34	11.76	59.69	0.24
TrcPrc	200	T 200	4.63	40.00	40.23		40.24	0.001570	0.37	13.00	60.55	0.25
TrcPrc	200	T 500	5.76	40.00	40.26		40.27	0.001673	0.41	14.63	61.66	0.26
TrcPrc	160	T 50	3.06	40.00	40.04	40.04	40.06	0.028948	0.51	4.91	119.51	0.80
TrcPrc	160	T 100	3.83	40.00	40.06	40.06	40.08	0.014028	0.45	6.99	119.91	0.59
TrcPrc	160	T 200	4.63	40.00	40.06	40.06	40.08	0.017708	0.52	7.31	119.97	0.67
TrcPrc	160	T 500	5.76	40.00	40.06	40.06	40.10	0.025292	0.63	7.49	120.01	0.80
TrcPrc	127	T 50	3.06	38.09	38.33	38.33	38.38	0.023367	0.97	3.24	26.81	0.87
TrcPrc	127	T 100	3.83	38.09	38.33	38.33	38.40	0.033627	1.18	3.34	27.24	1.04
TrcPrc	127	T 200	4.63	38.09	38.36	38.36	38.43	0.028972	1.17	4.08	30.10	0.98
TrcPrc	127	T 500	5.76	38.09	38.38	38.38	38.46	0.028395	1.22	4.85	32.76	0.99
TrcPrc	54	T 50	3.06	36.00	36.20		36.21	0.001401	0.31	10.08	63.97	0.23
TrcPrc	54	T 100	3.83	36.00	36.22		36.22	0.001618	0.35	11.15	66.23	0.25
TrcPrc	54	T 200	4.63	36.00	36.23		36.24	0.001847	0.39	12.10	68.19	0.27
TrcPrc	54	T 500	5.76	36.00	36.26		36.27	0.001868	0.43	13.94	71.86	0.28
TrcPrc	22	T 50	3.06	36.00	36.04	36.04	36.07	0.036978	0.62	4.17	96.64	0.95
TrcPrc	22	T 100	3.83	36.00	36.06	36.06	36.08	0.025682	0.61	5.32	96.87	0.82
TrcPrc	22	T 200	4.63	36.00	36.06	36.06	36.09	0.025783	0.65	5.96	97.00	0.84
TrcPrc	22	T 500	5.76	36.00	36.07	36.07	36.11	0.030782	0.75	6.44	97.09	0.93

IL BACINO LU RUITONI

Ramo Nord

ModelloRioRuitoni Plan: Plan 01 03/01/2014

RioLuRuitoni UpStream

Legend

EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
LOB
ROB

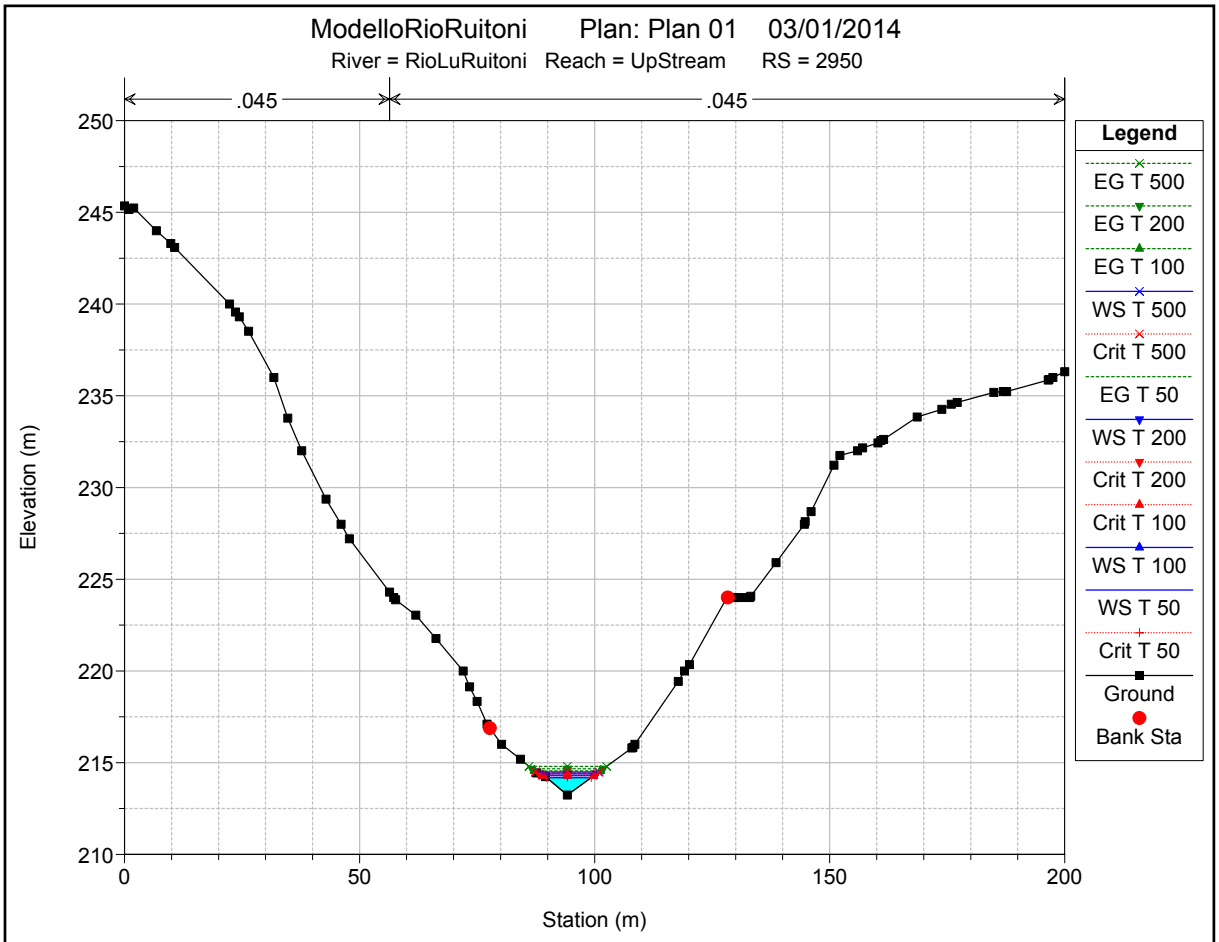
Elevation (m)

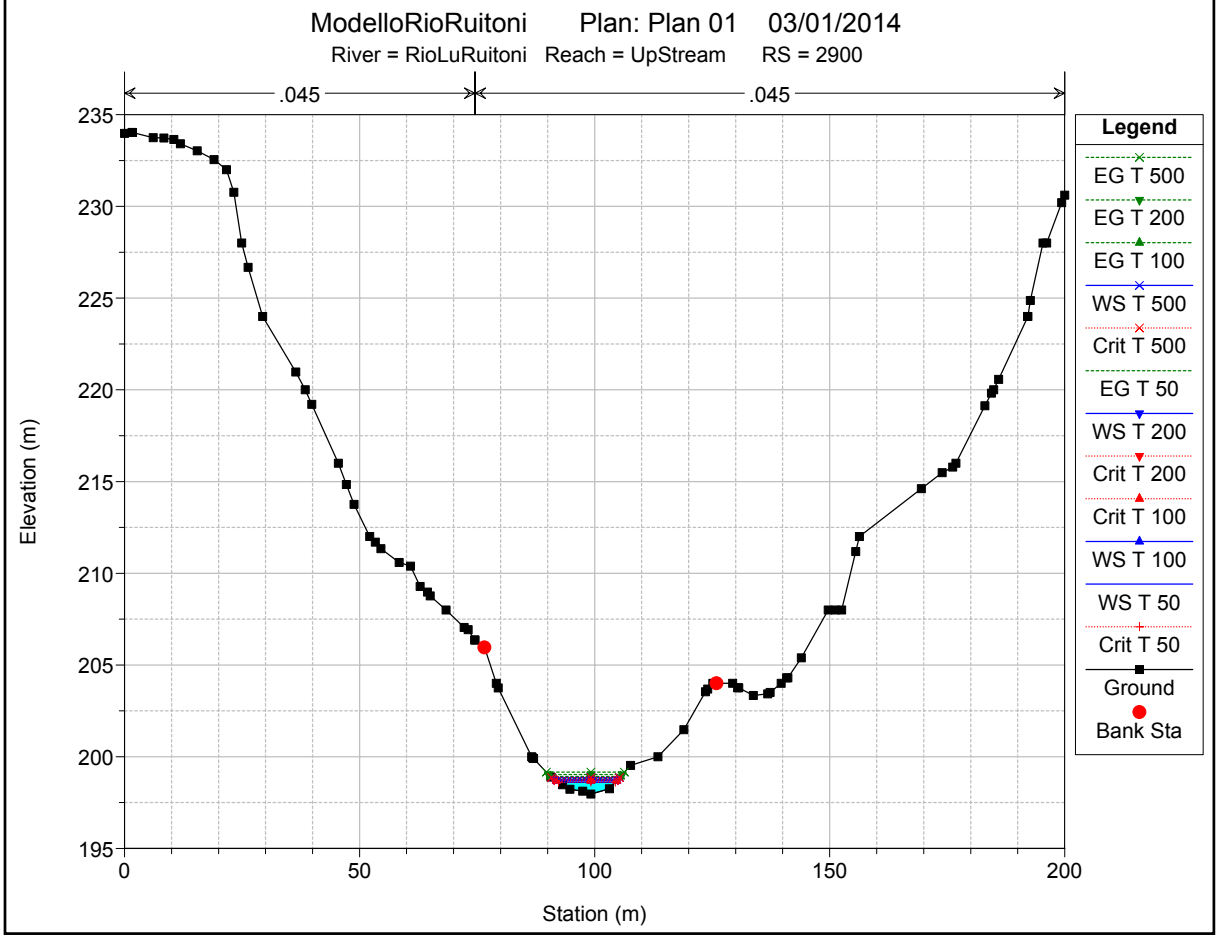
250
200
150
100
50
0

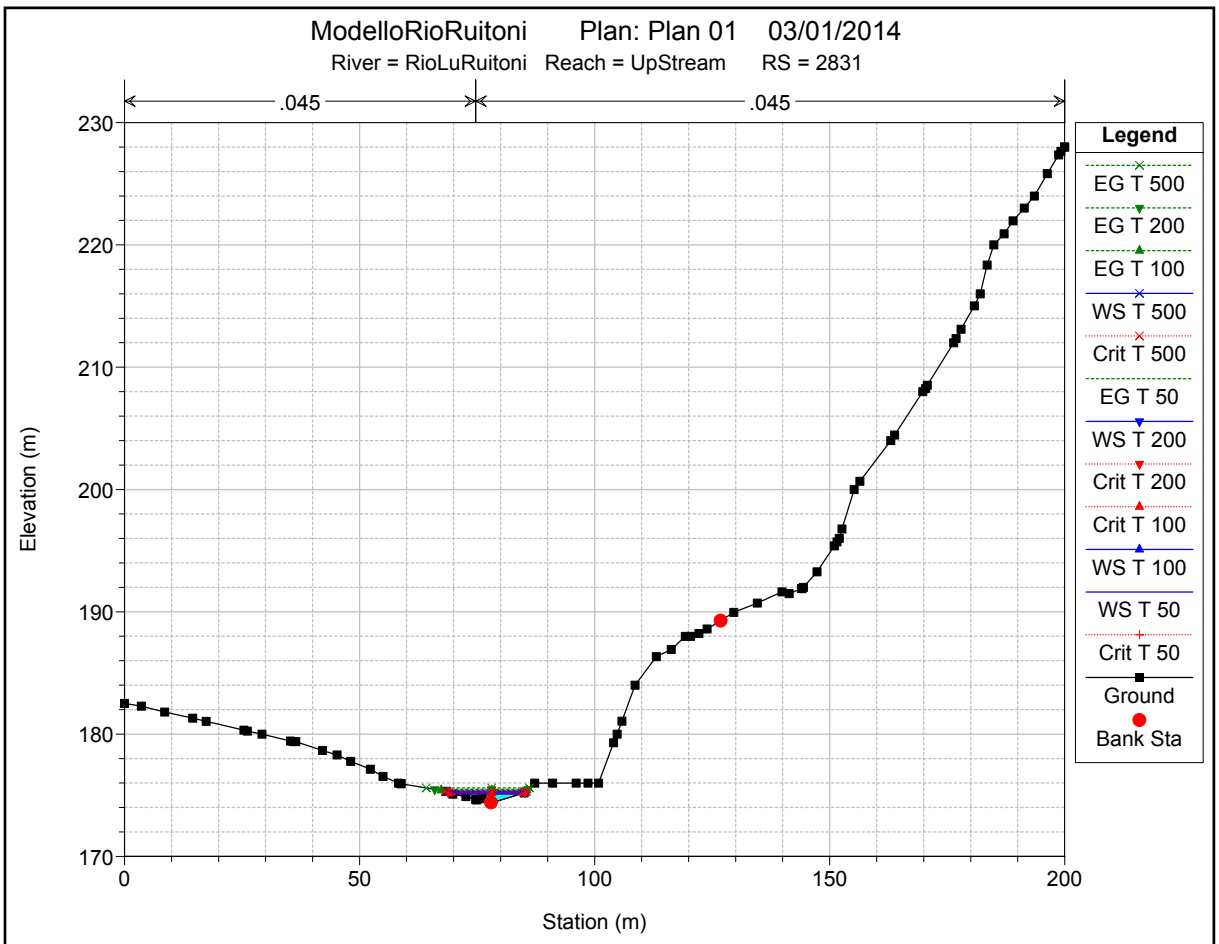
499 660 688 754 800 839 964 1000 1050 1100 1150 1192 1309 1400 1450 1500 1550 1664 1700 1800 1850 1900 1950 2050 2100 2200 2250 2278 2350 2400 2450 2476 2550 2618 2650 2700 2783 2831 2900 2950

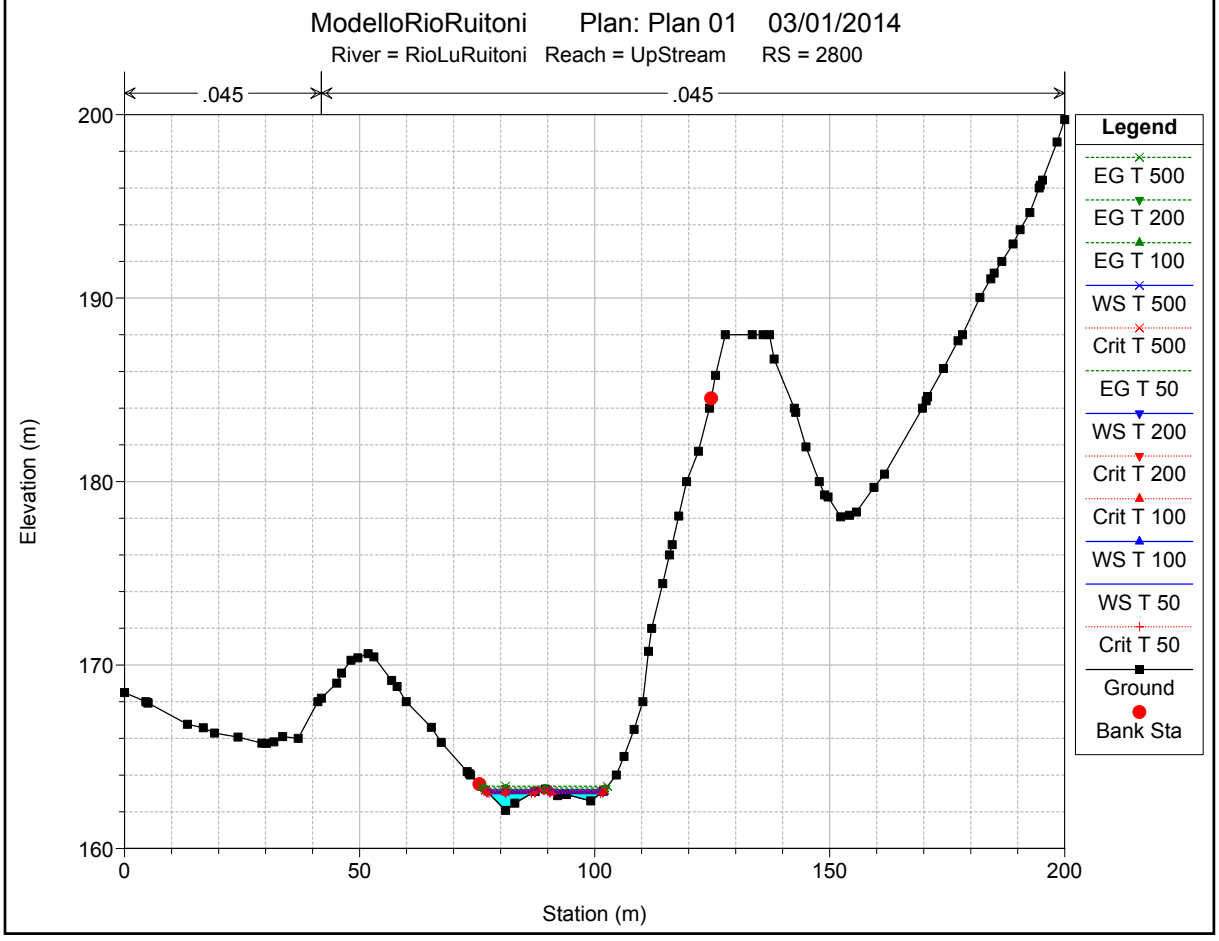
0 500 1000 1500 2000 2500 3000

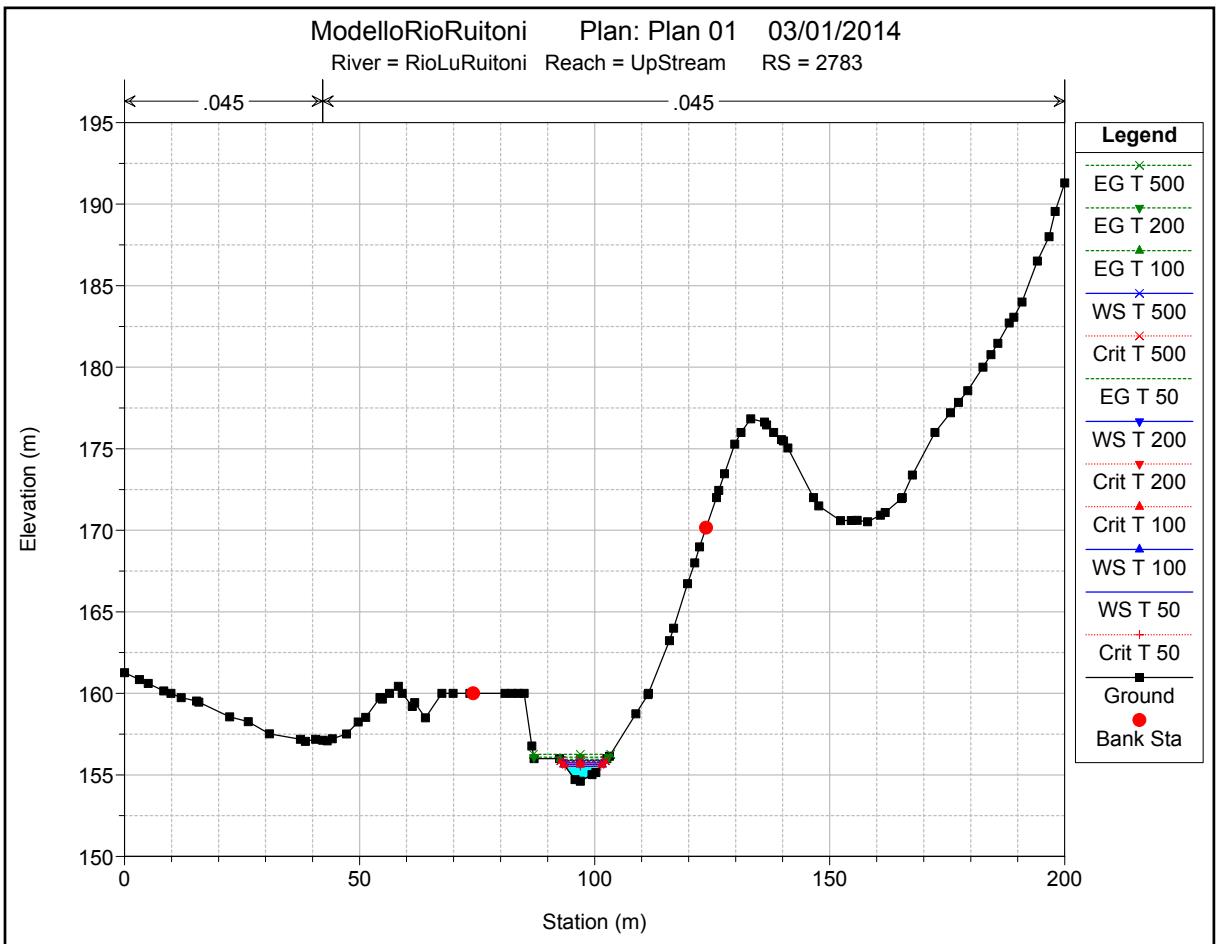
Main Channel Distance (m)

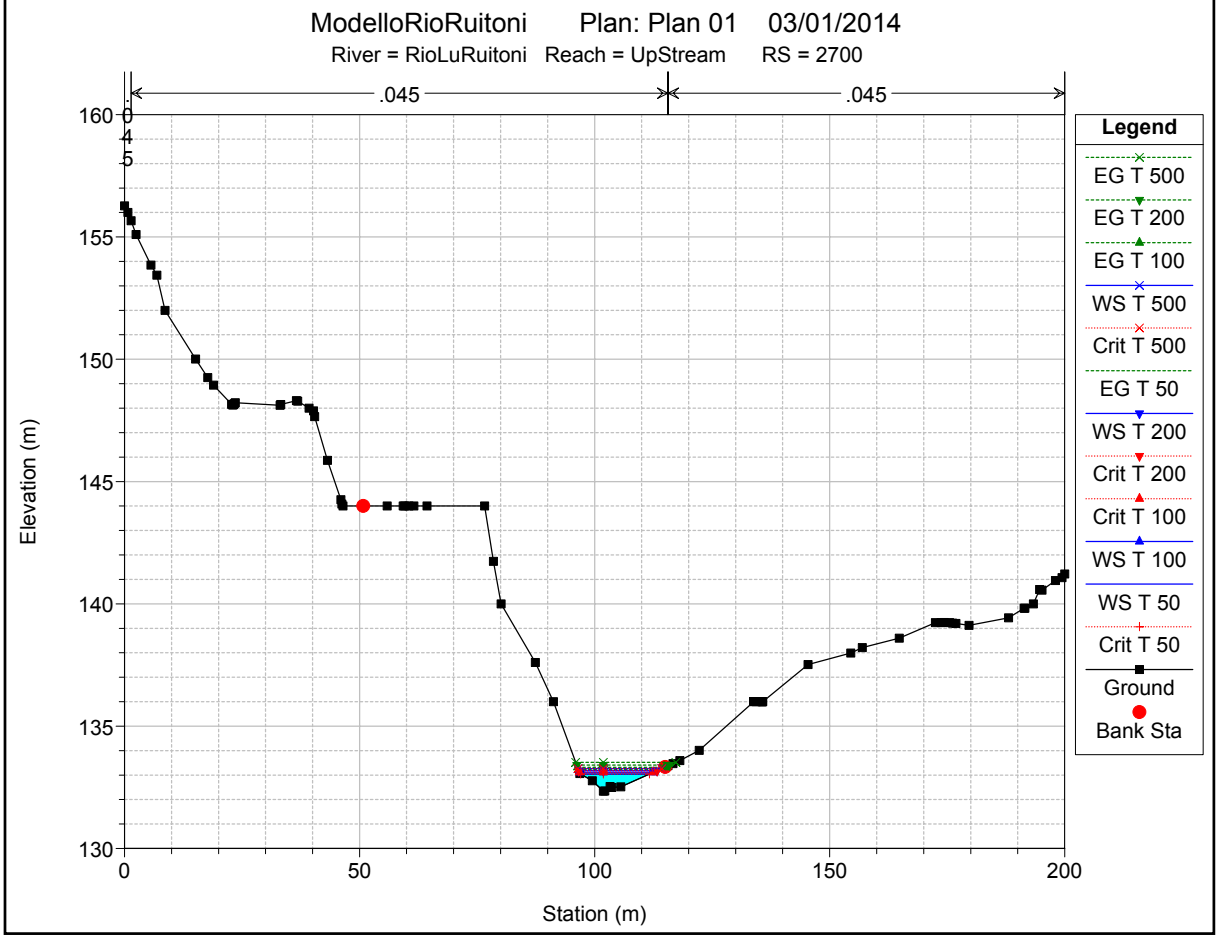

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2950
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

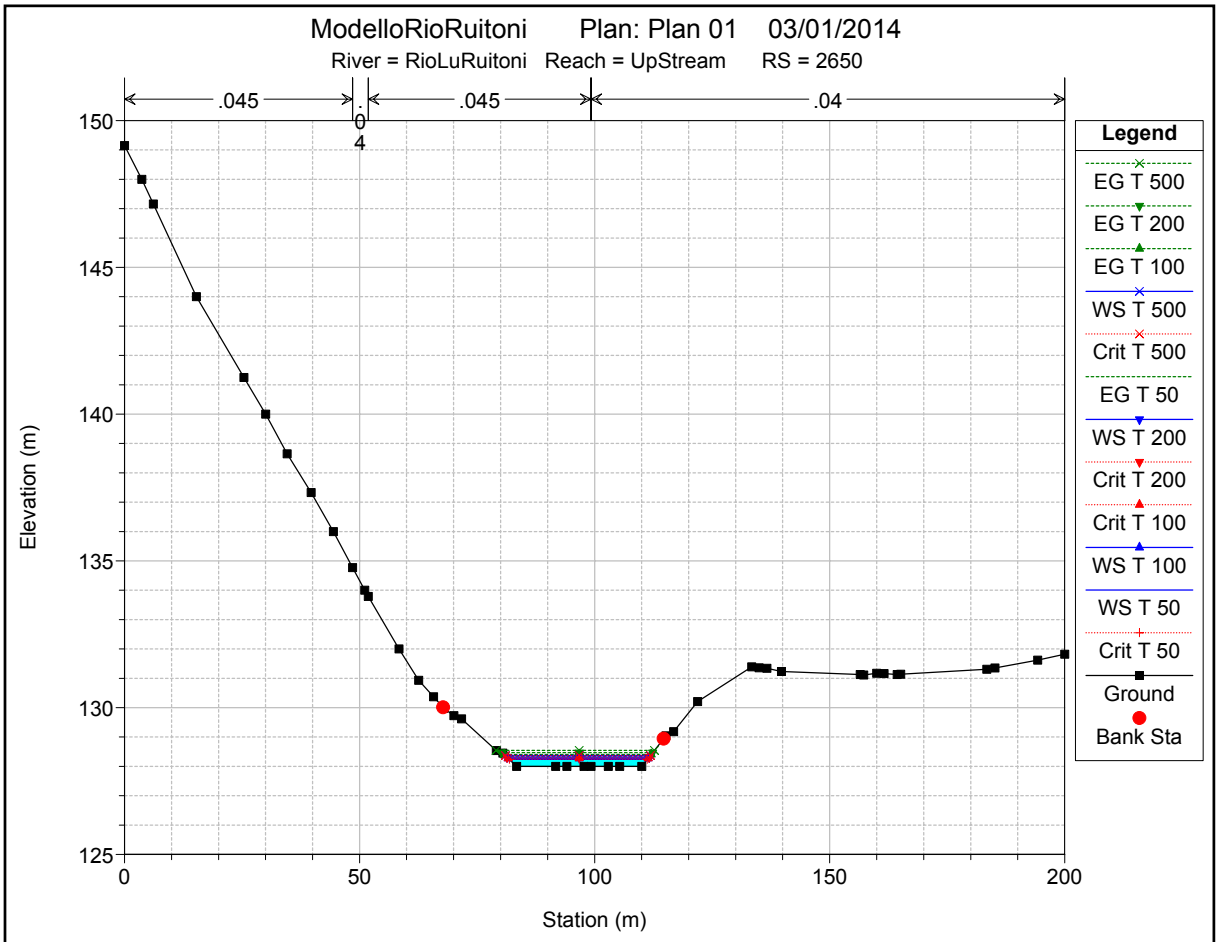

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2900
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

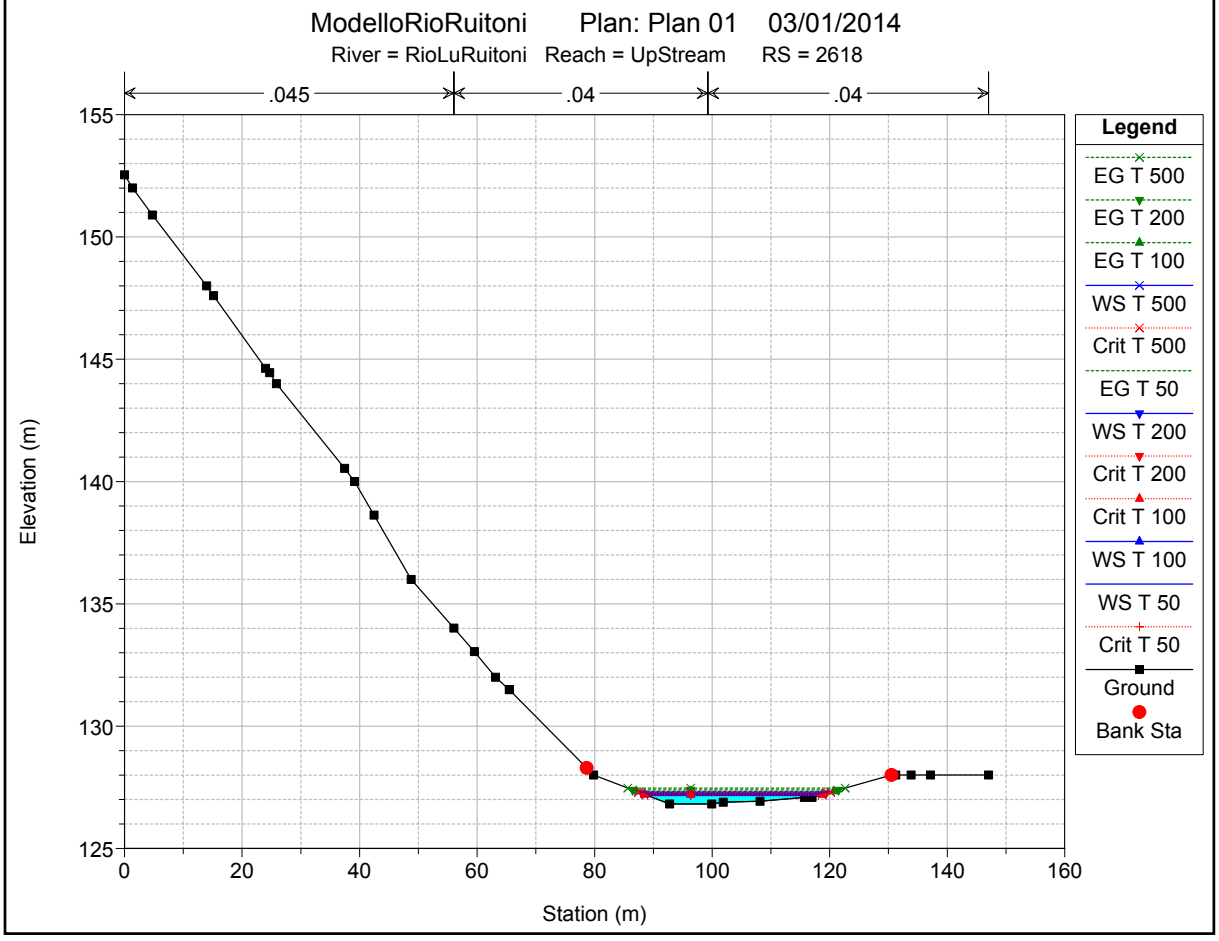

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2831
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

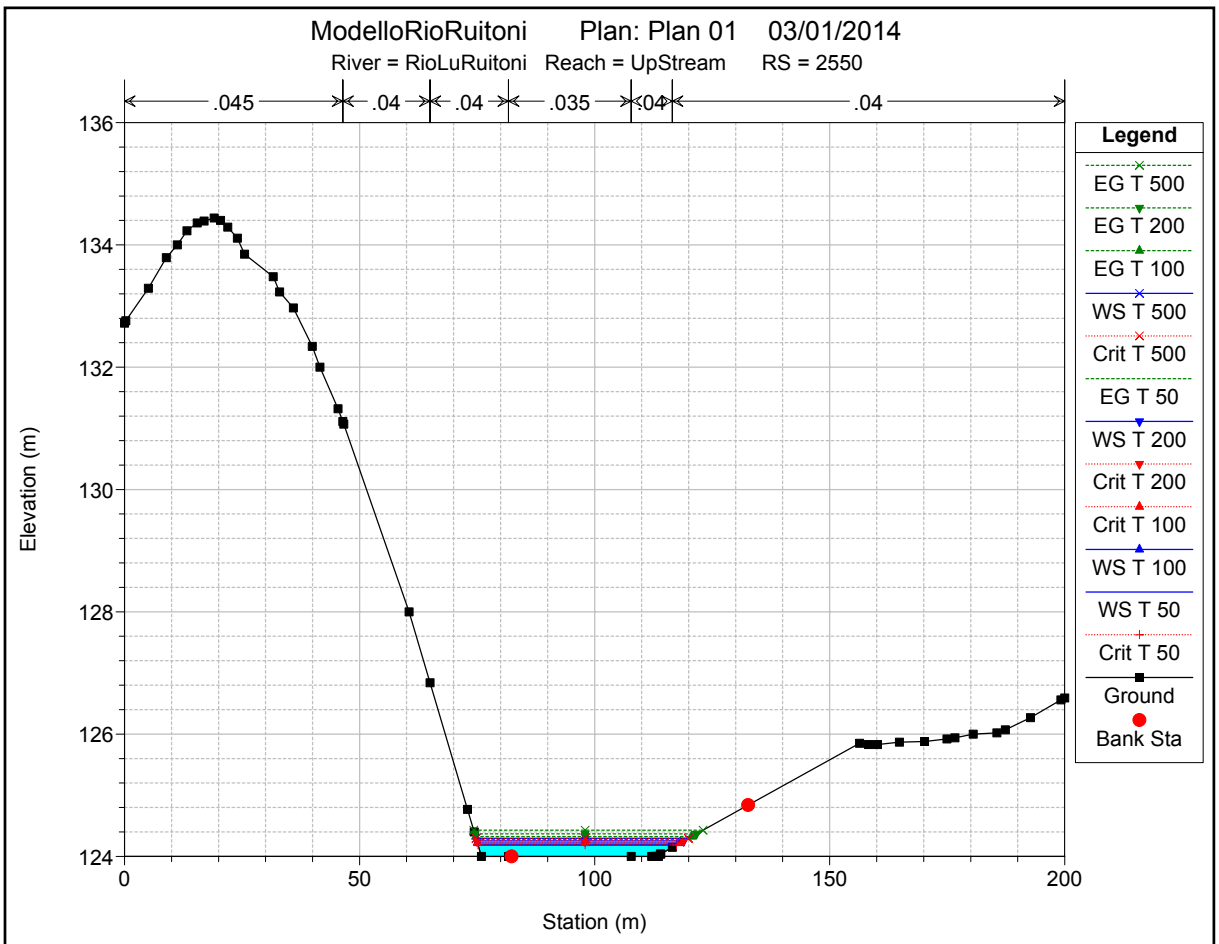

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2800
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

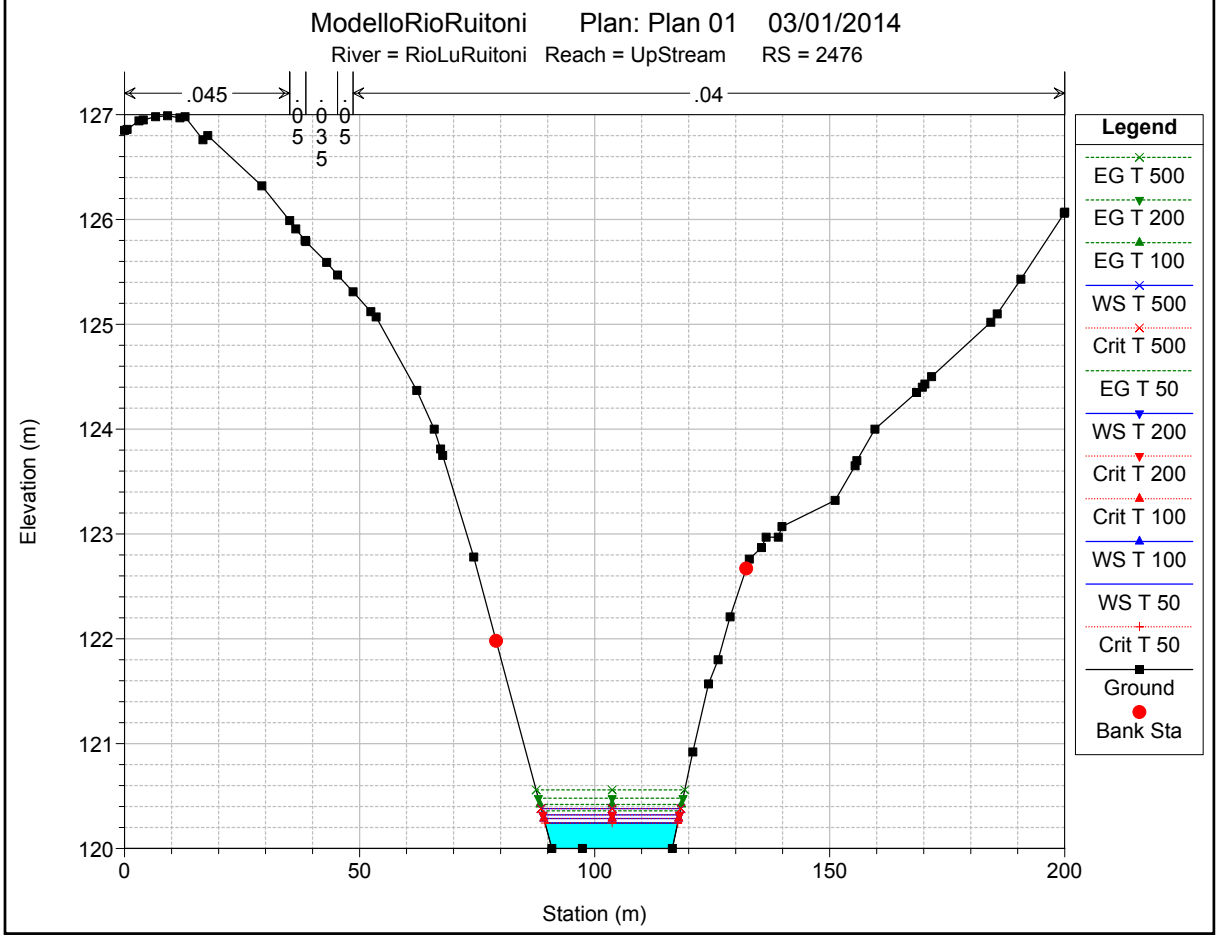

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2783
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

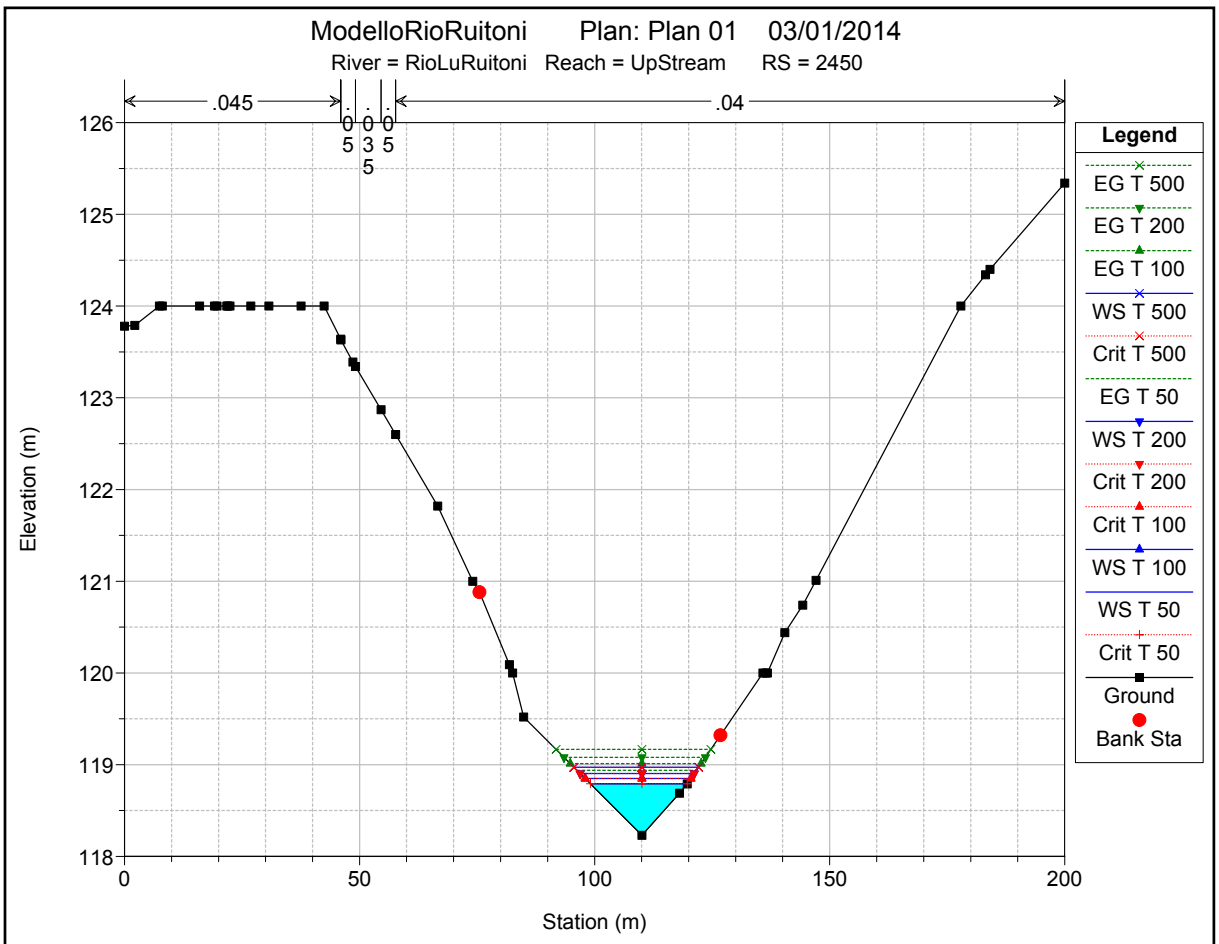

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2700
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

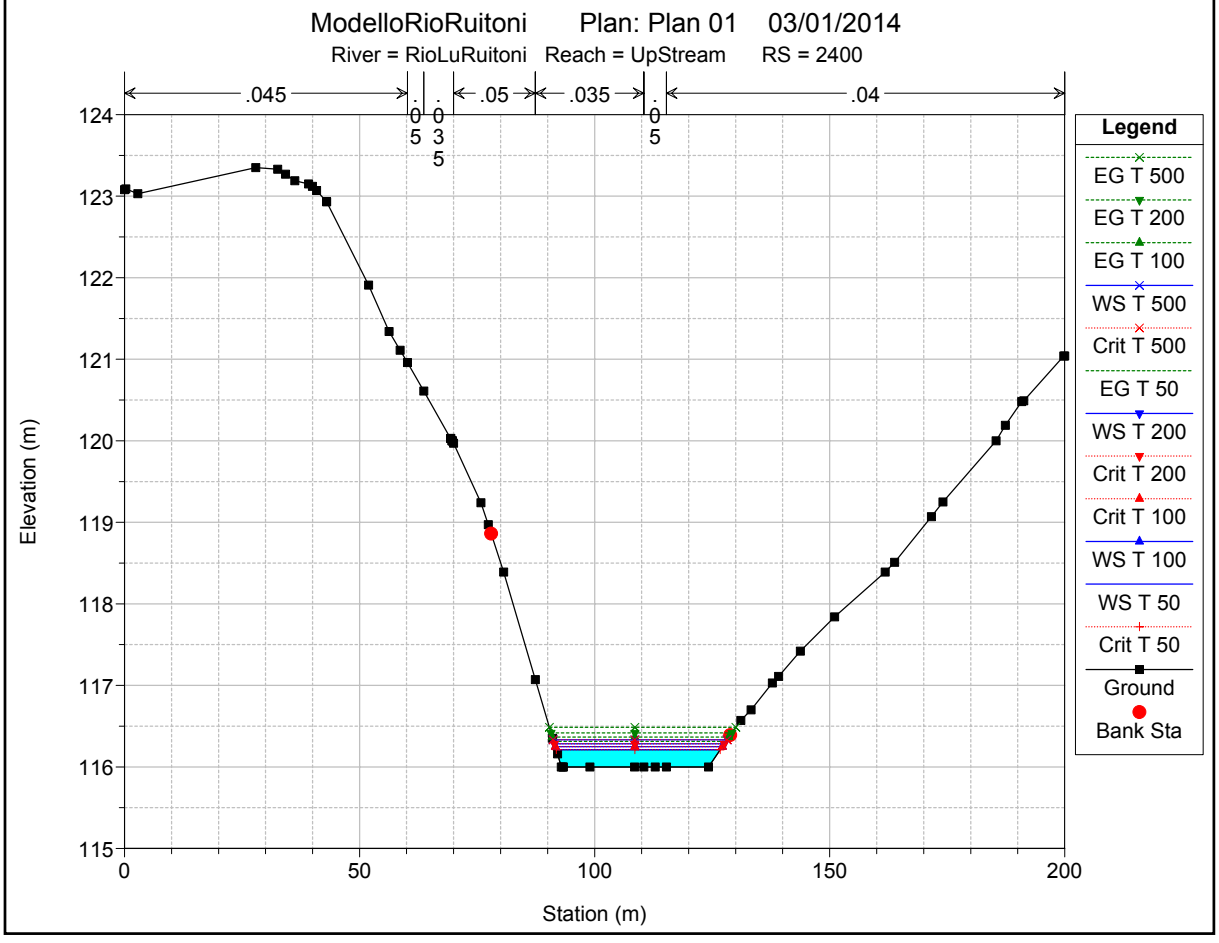

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2650
.045
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

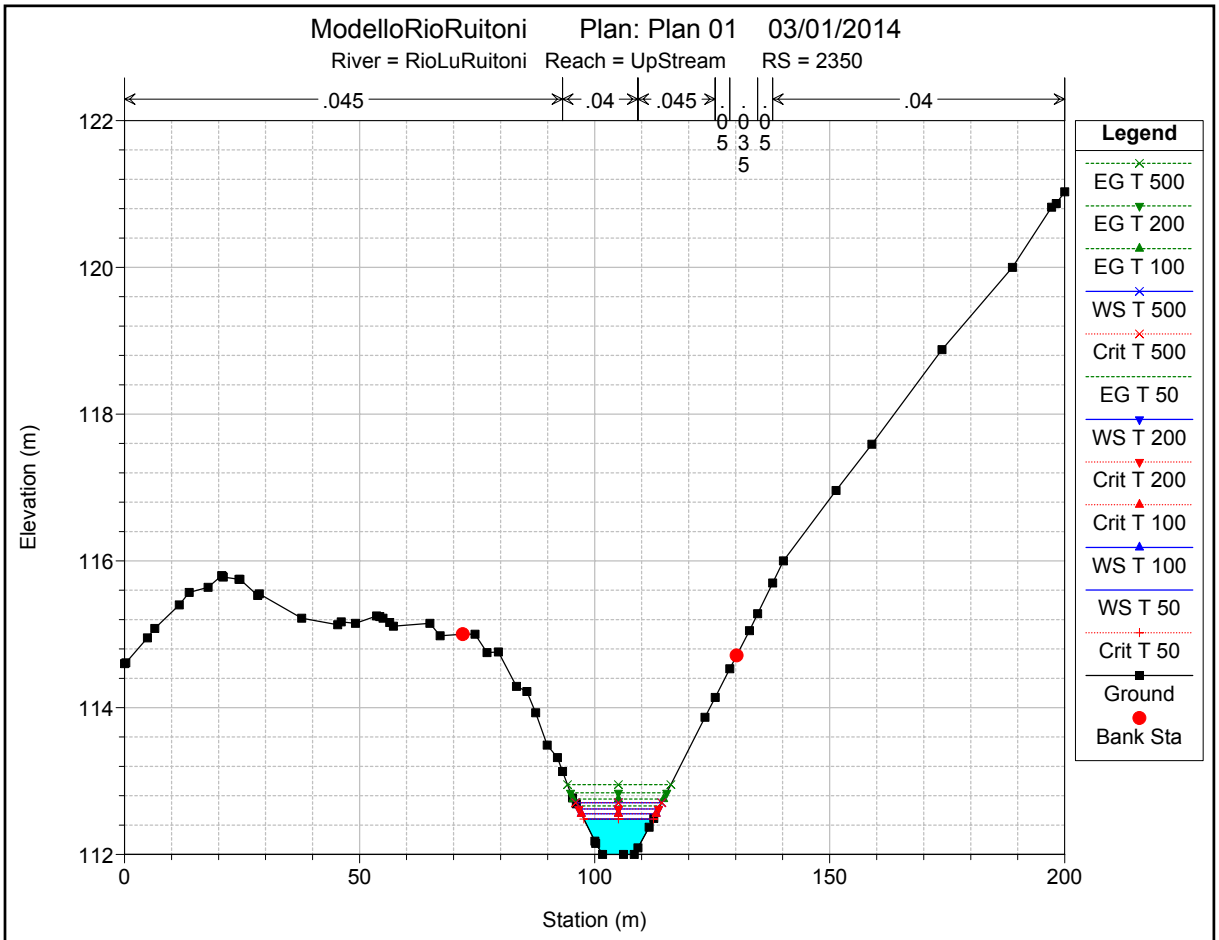

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2618
.045
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

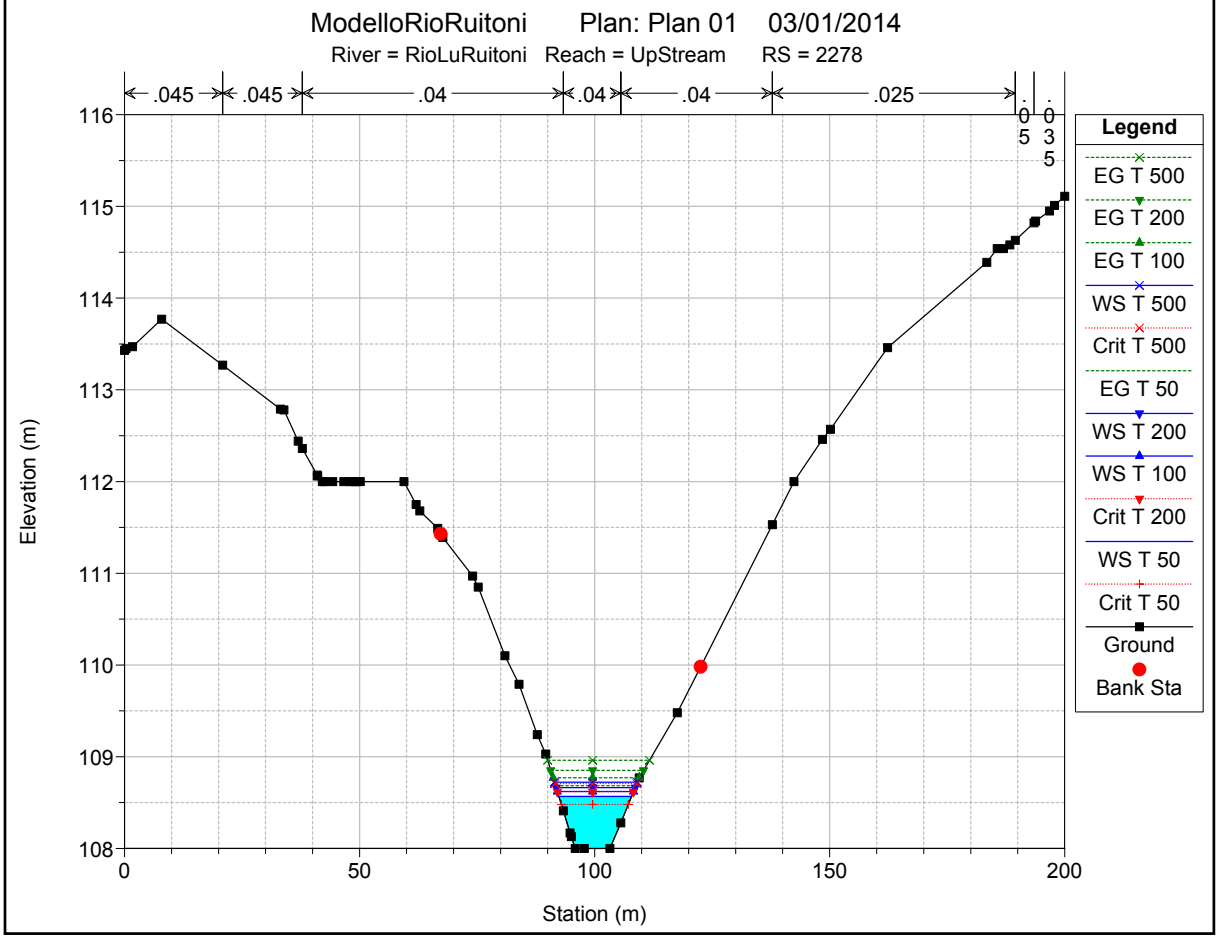

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2550
.045
.04
.04
.035
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

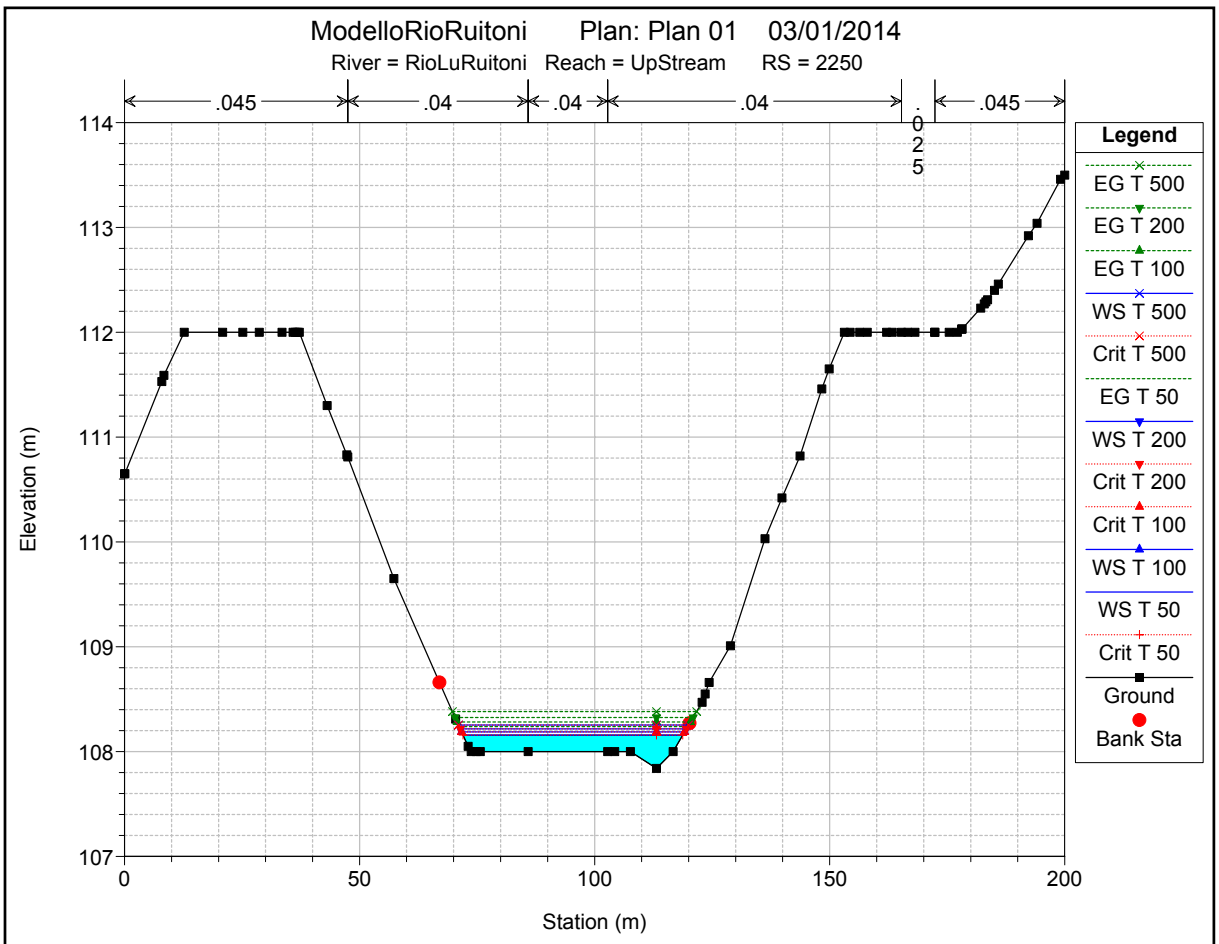

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2476
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

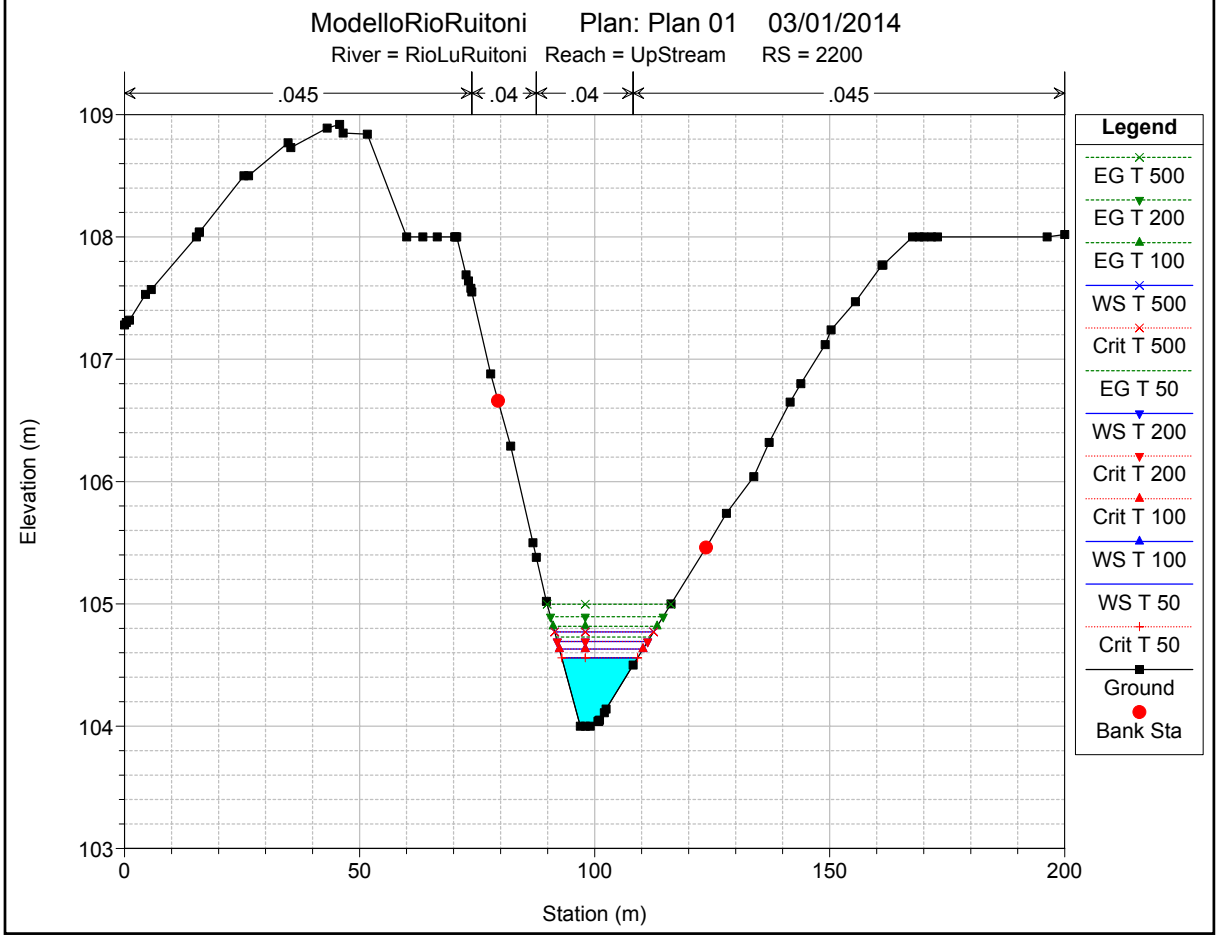

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2450
.045
.05
.035
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

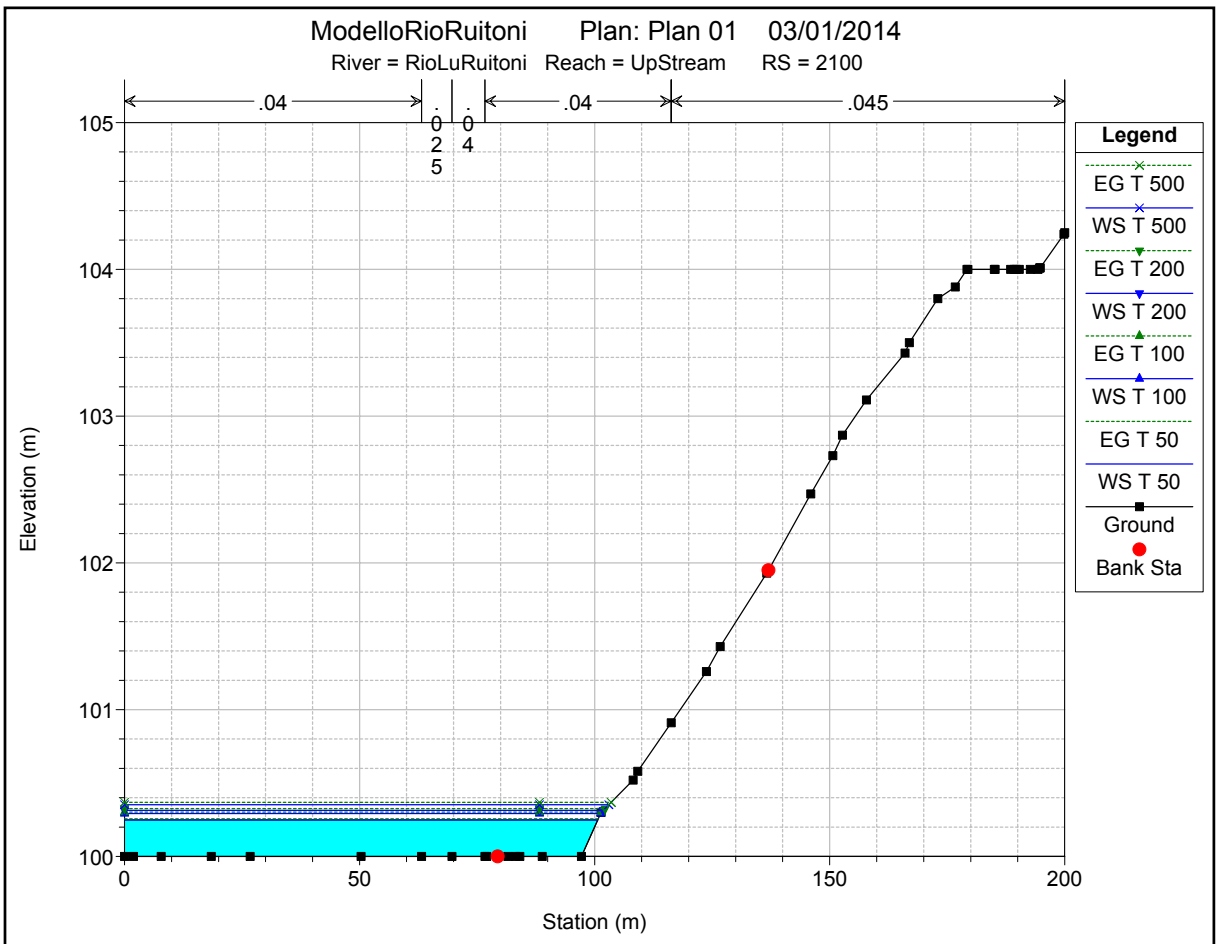

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2400
.045
.05
.035
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

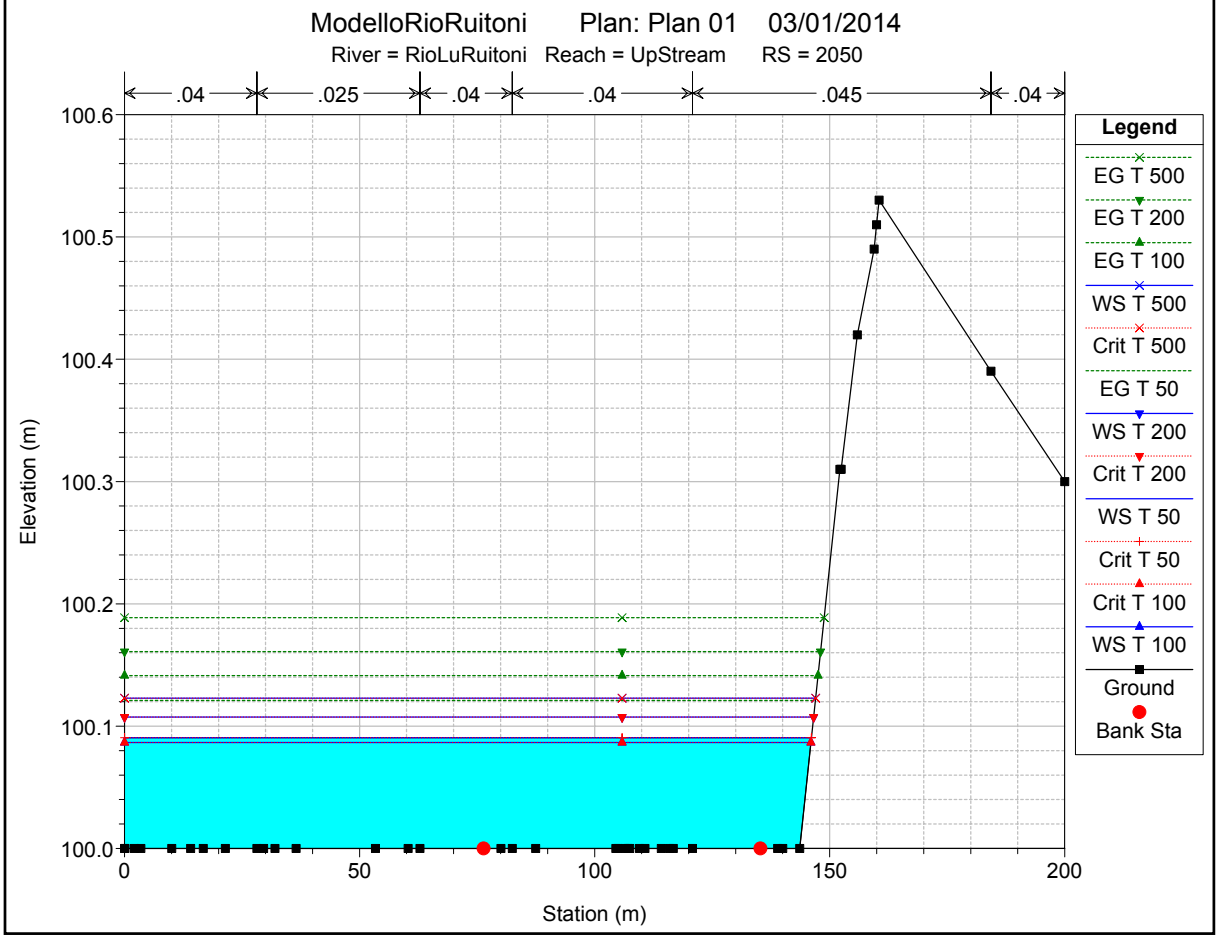

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2350
.045
.04
.045
.05
.035
.05
.04
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
122
120
118
116
114
112
0
50
100
150
200
Station (m)

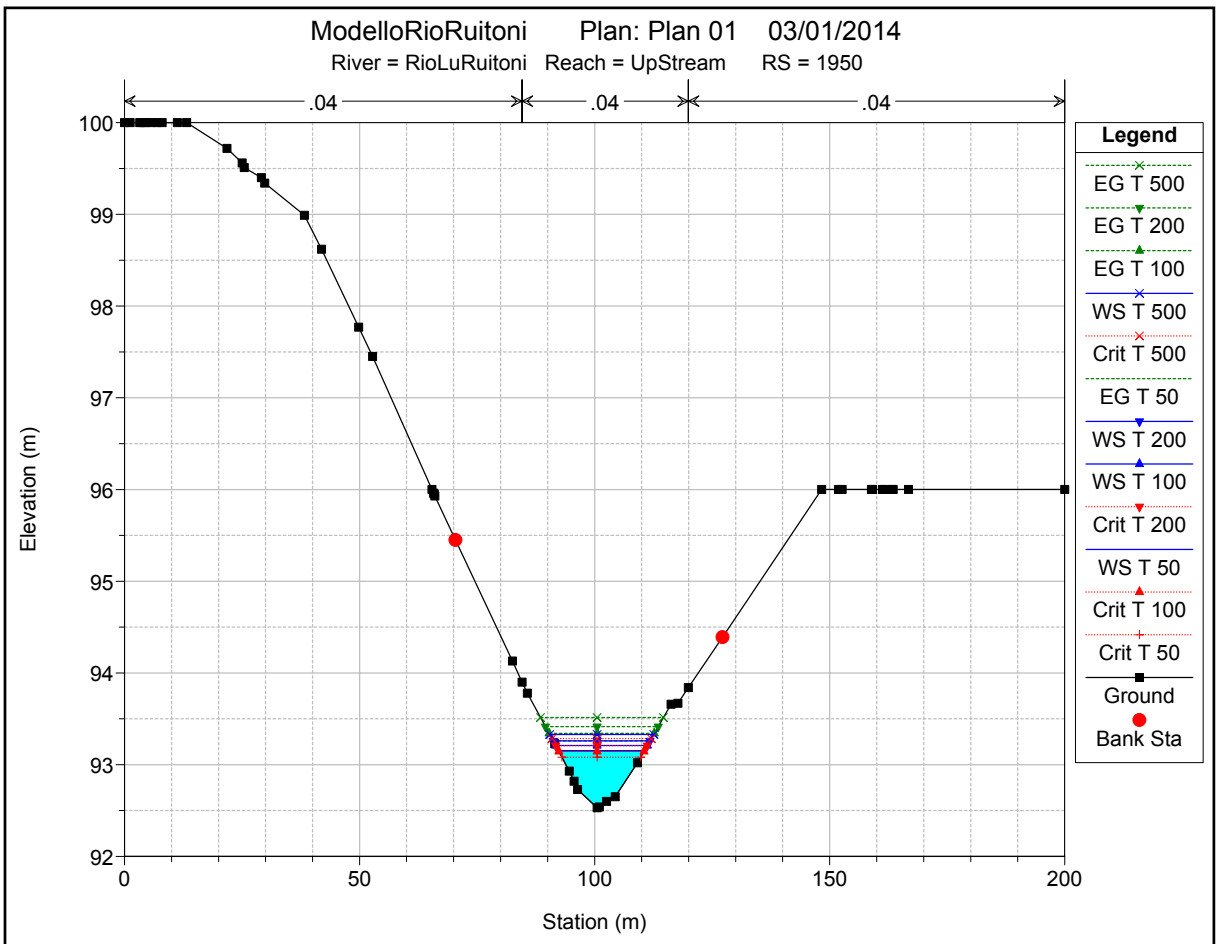

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2278
.045
.045
.04
.04
.04
.025
.05
.035
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
WS T 100
Crit T 200
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
116
115
114
113
112
111
110
109
108
0
50
100
150
200
Station (m)

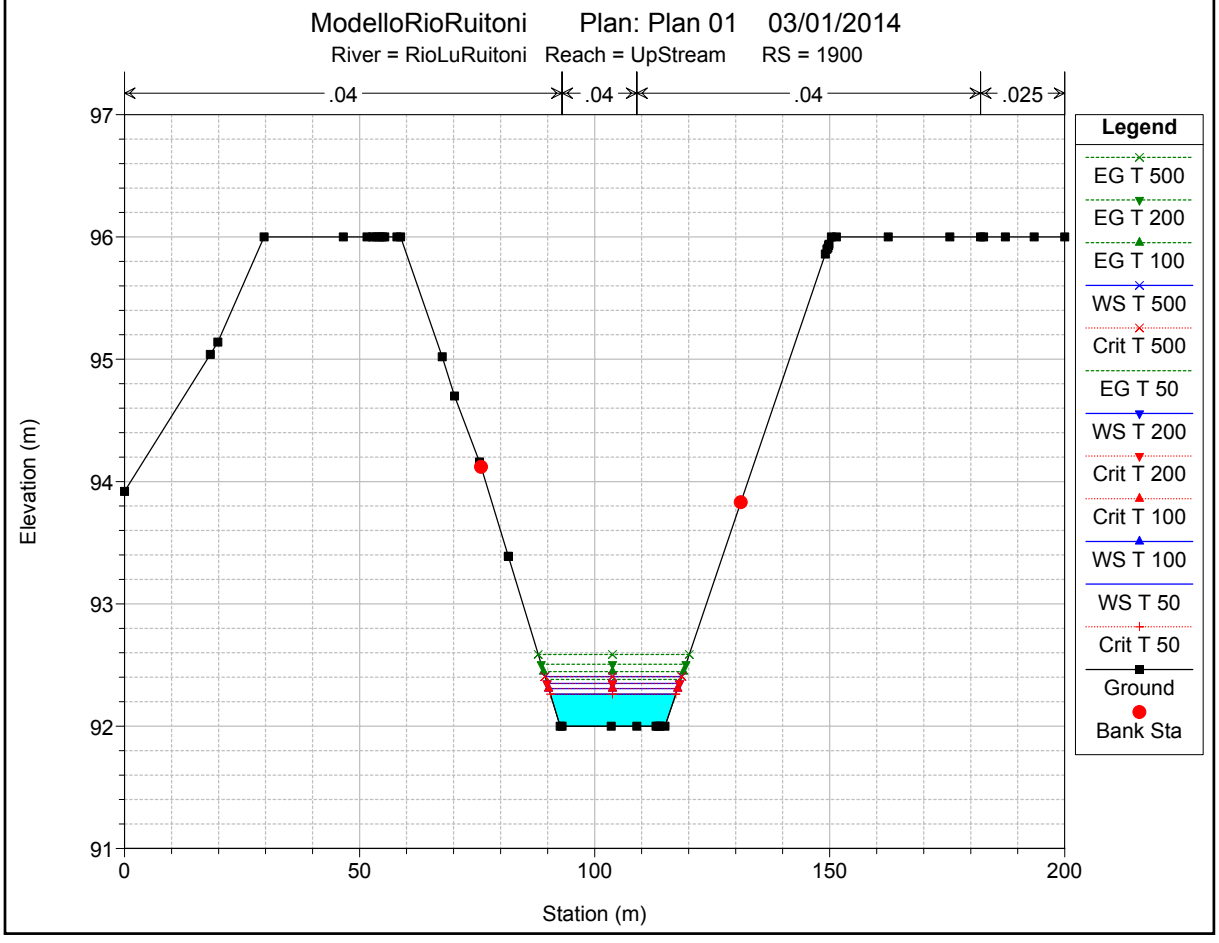

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2250
.045
.04
.04
.04
.025
.045
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
114
113
112
111
110
109
108
107
0
50
100
150
200

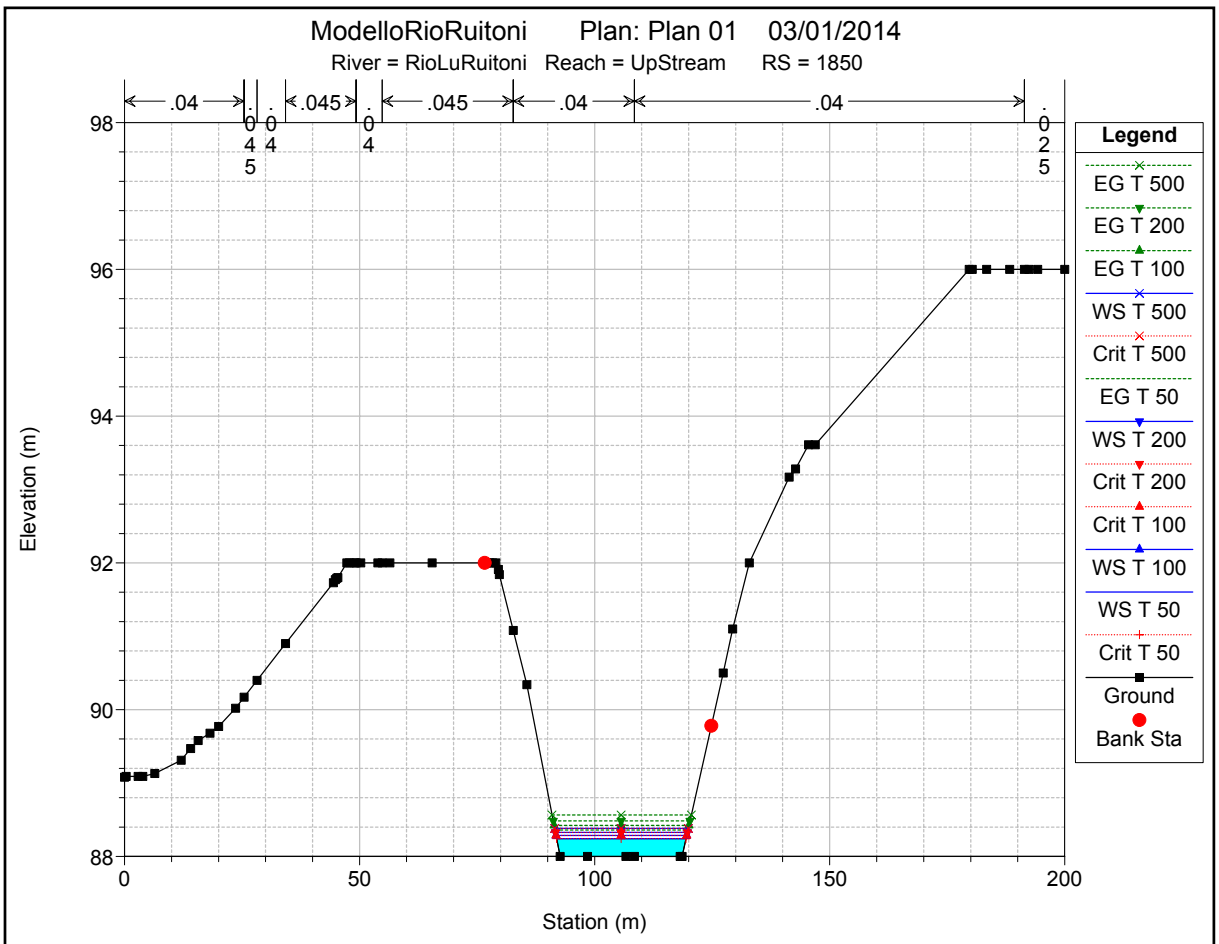

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2200
.045
.04
.04
.045
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
109
108
107
106
105
104
103
0
50
100
150
200

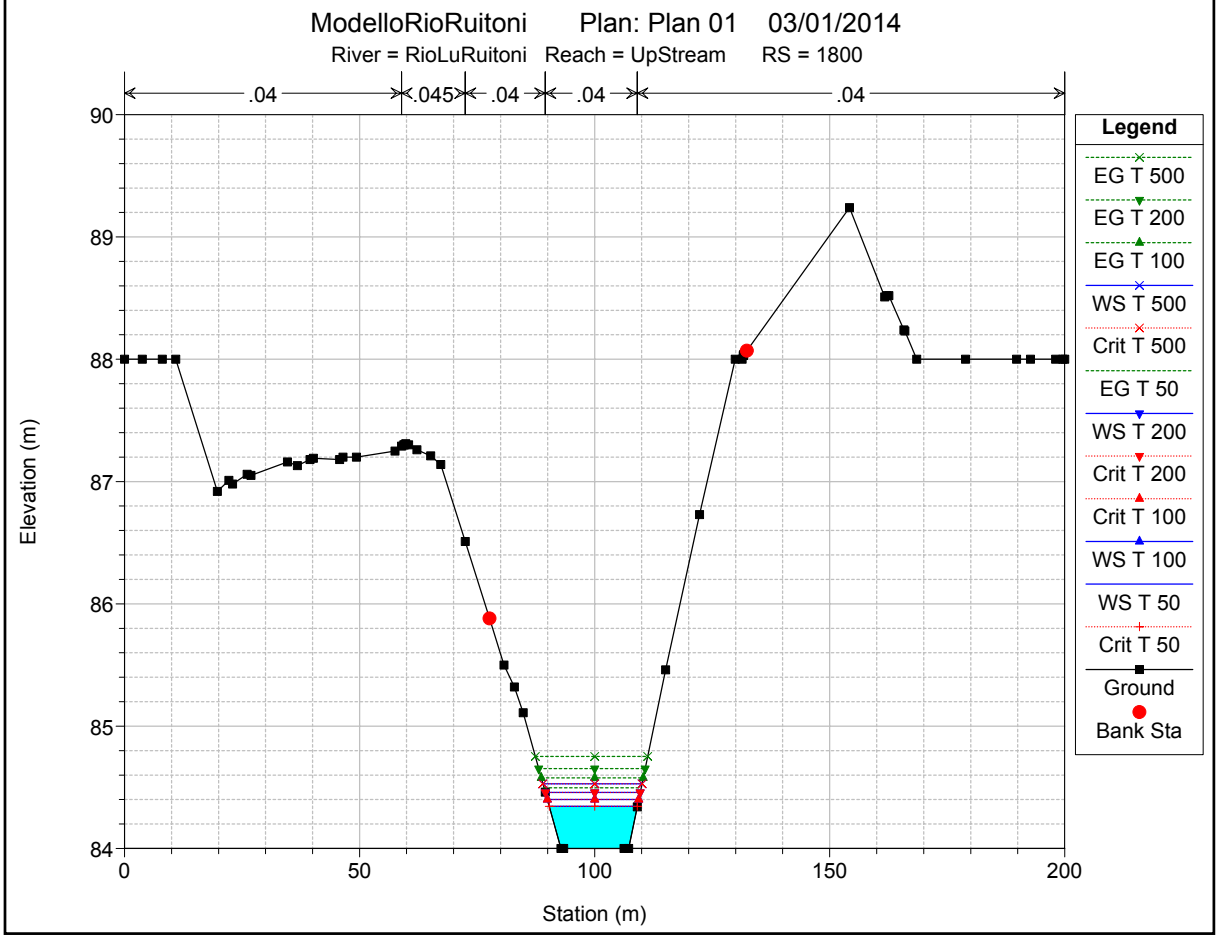

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2100
.04
.025
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

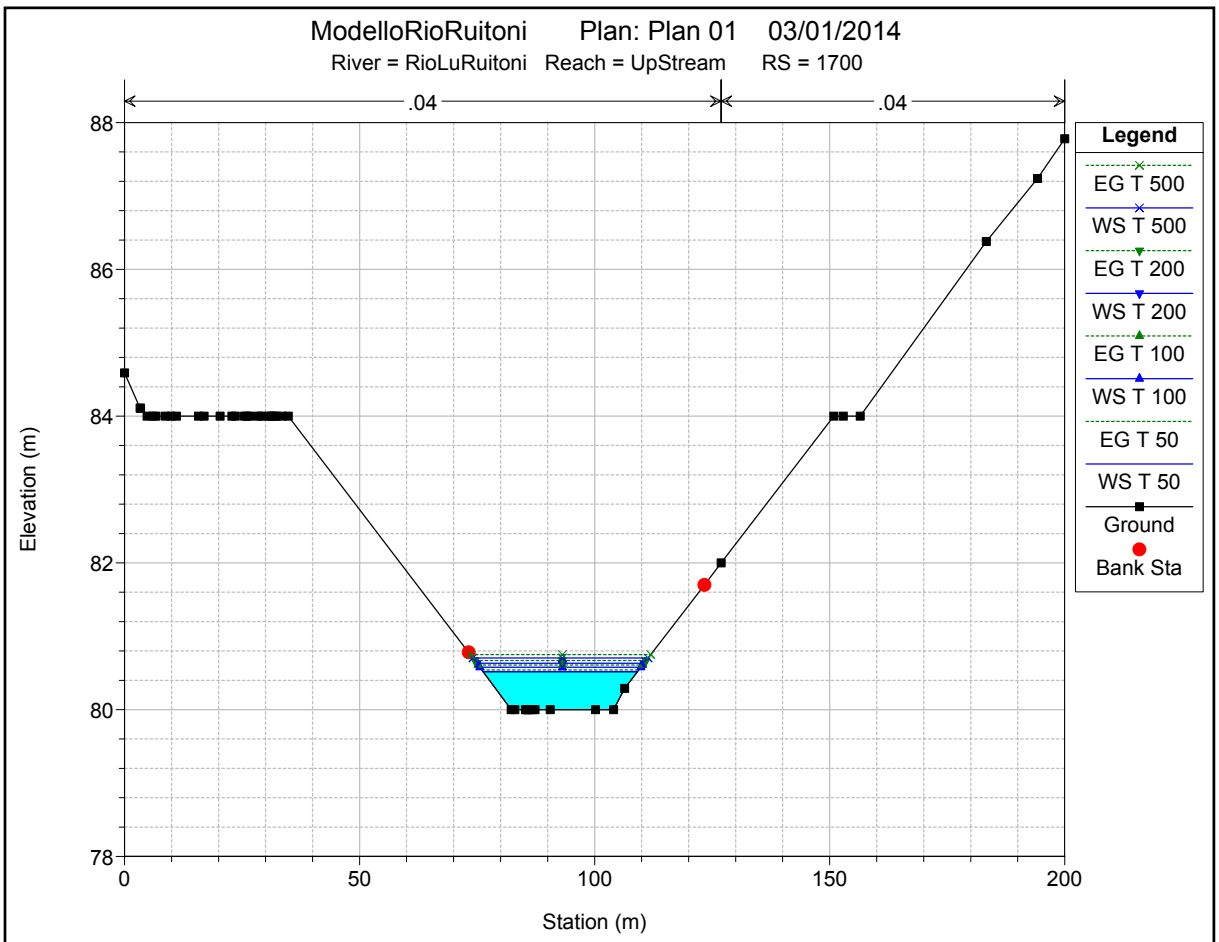

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 2050
.04
.025
.04
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
WS T 50
Crit T 50
Crit T 100
WS T 100
Ground
Bank Sta

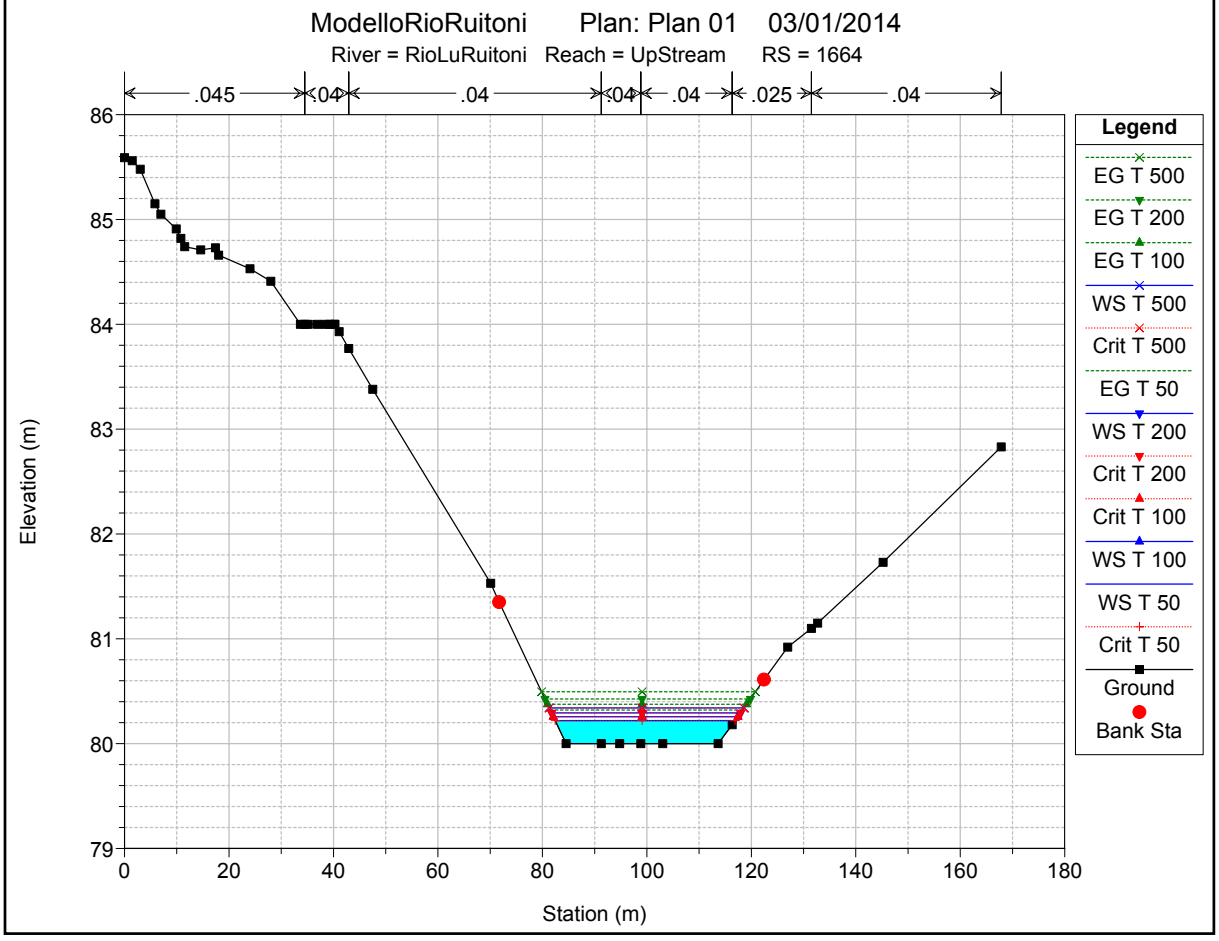

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1950
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
WS T 100
Crit T 200
WS T 50
Crit T 100
Crit T 50
Ground
Bank Sta

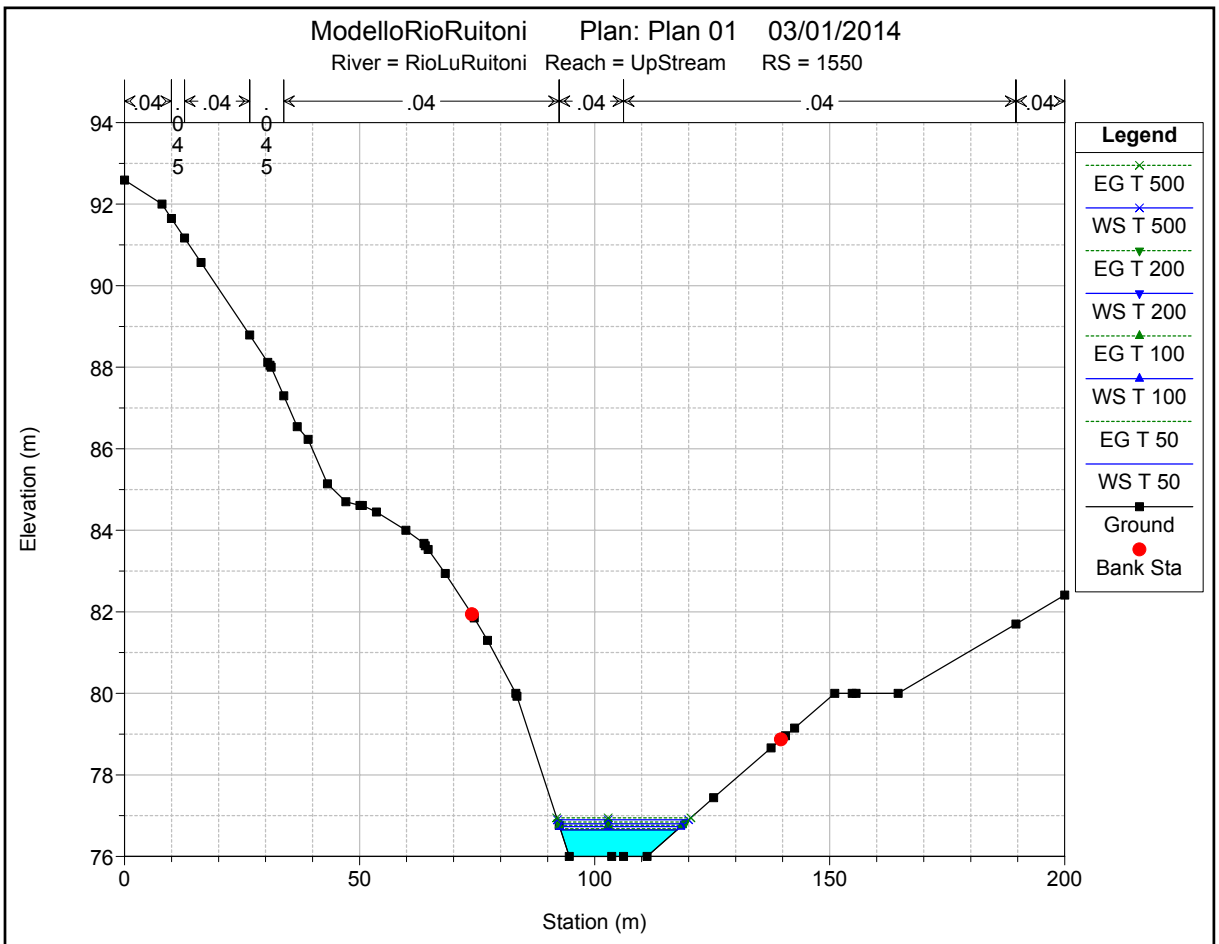

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1900
.04
.04
.04
.025
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

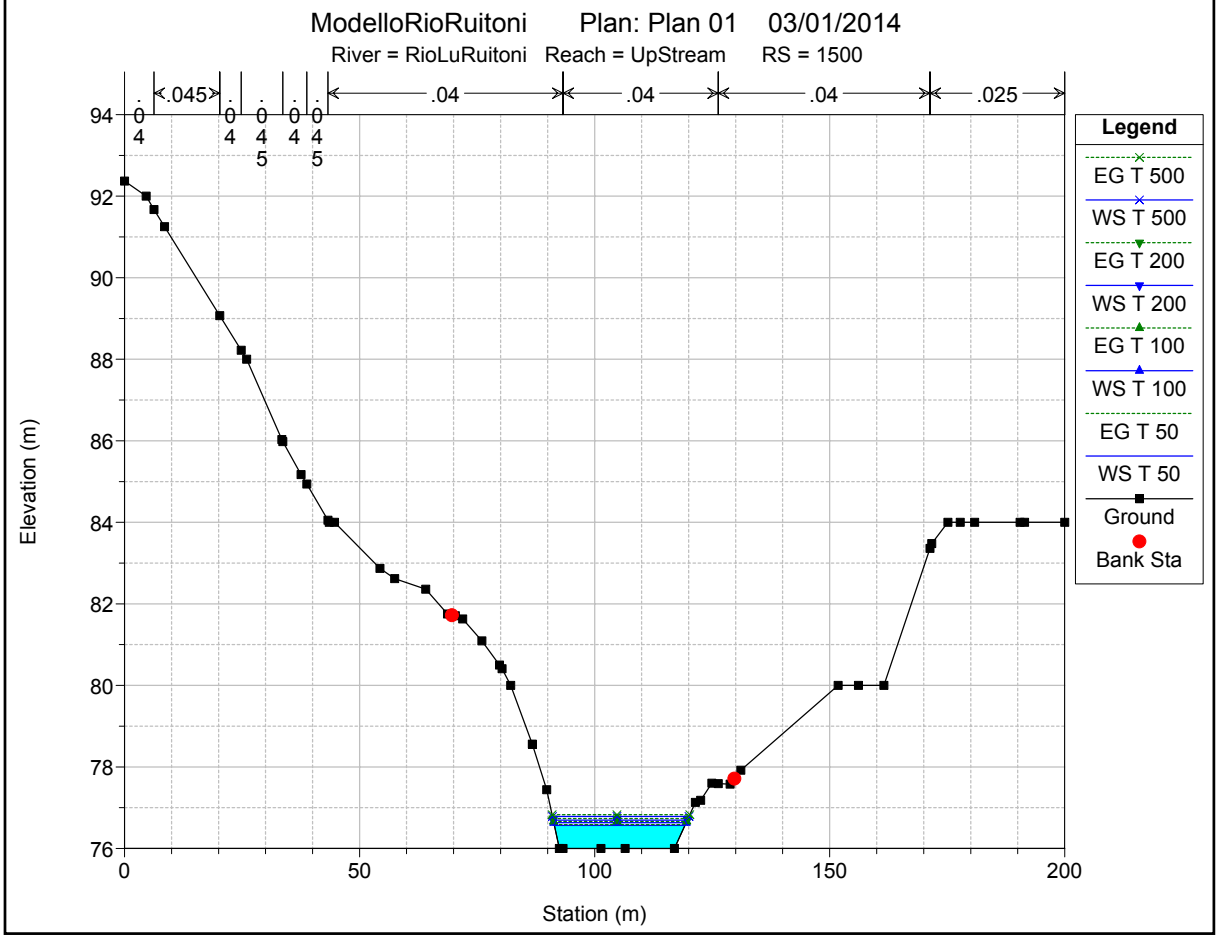

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1850
.04
.045
.04
.045
.04
.04
.025
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
98
96
94
92
90
88
0
50
100
150
200

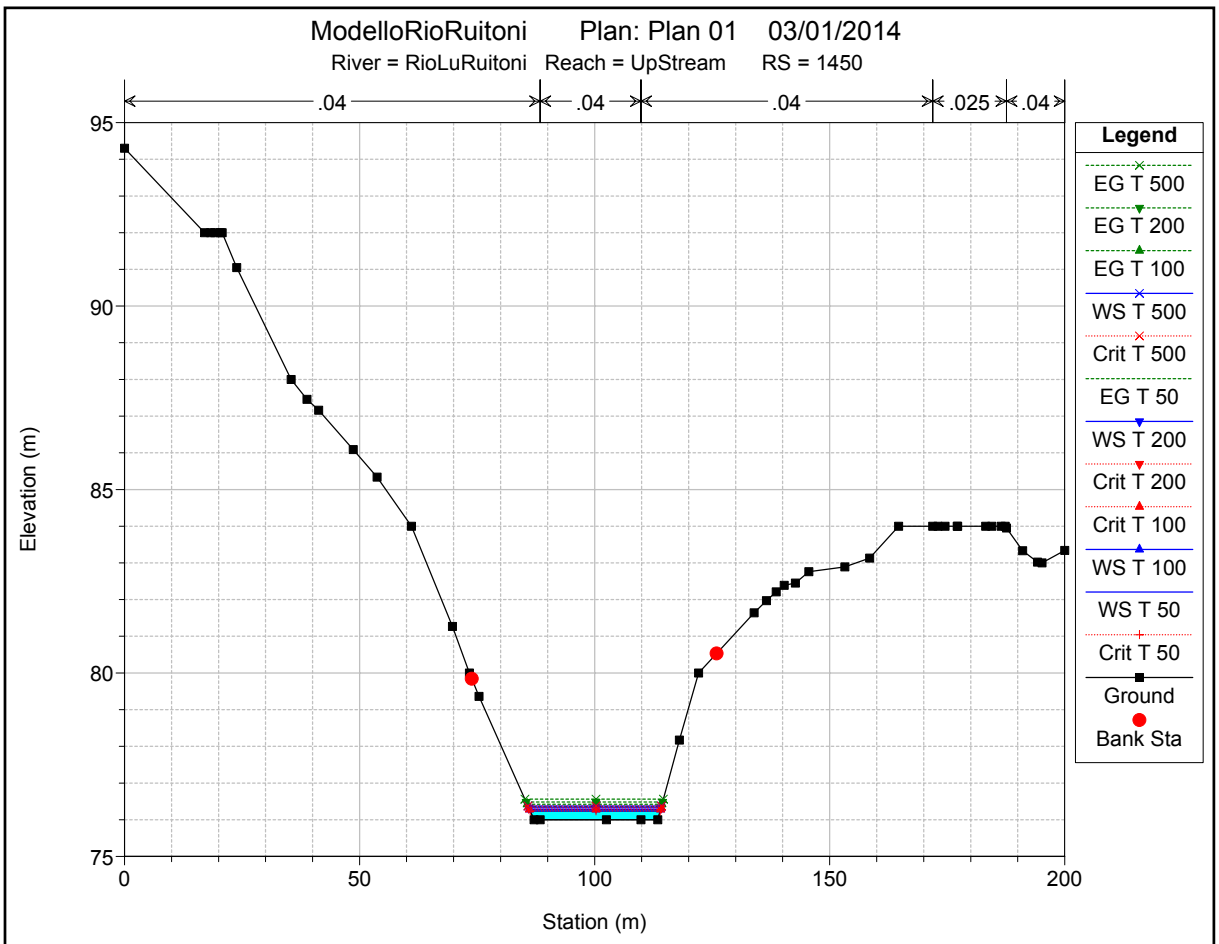

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1800
.04
.045
.04
.04
.04
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
90
89
88
87
86
85
84
0
50
100
150
200

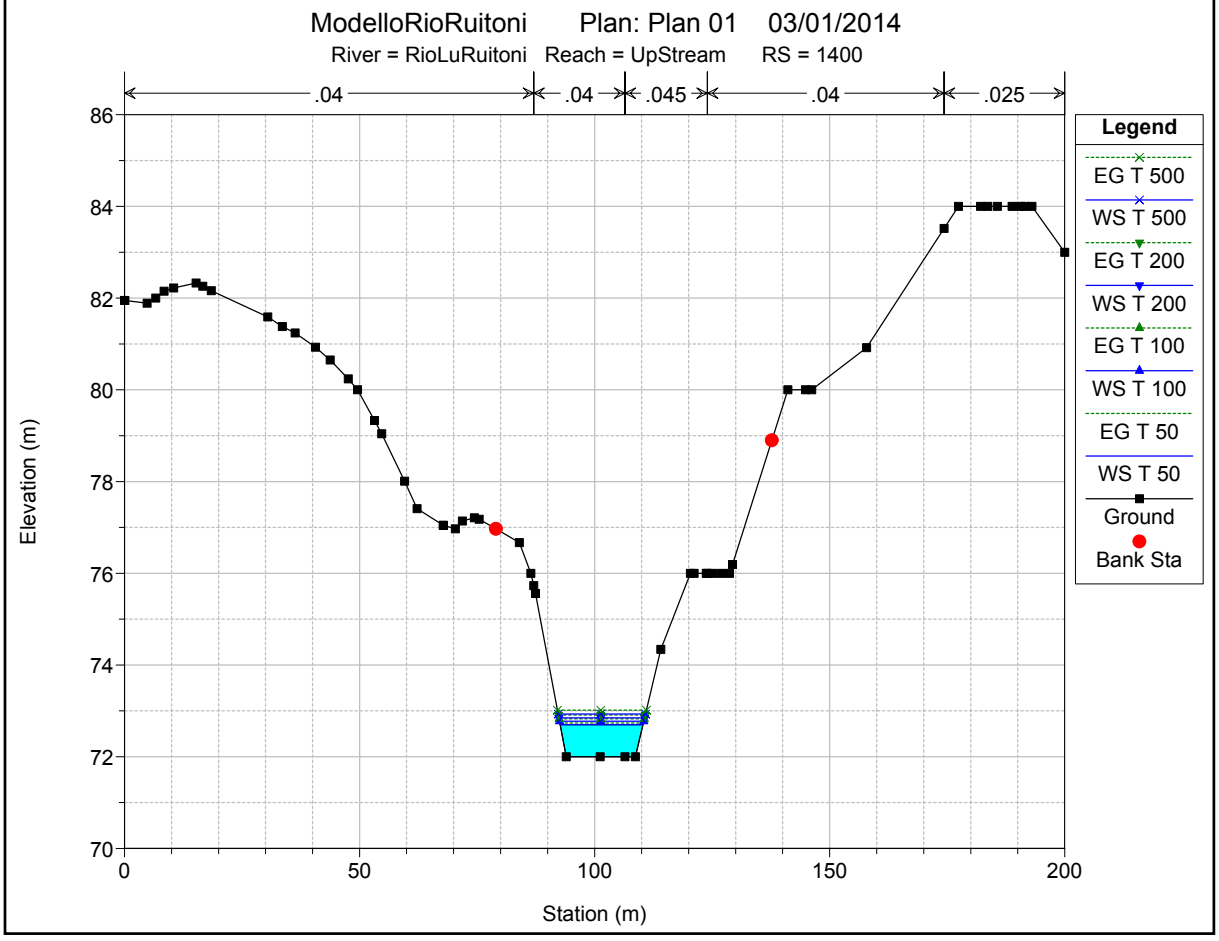

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1700
.04
.04
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
88
86
84
82
80
78
0
50
100
150
200

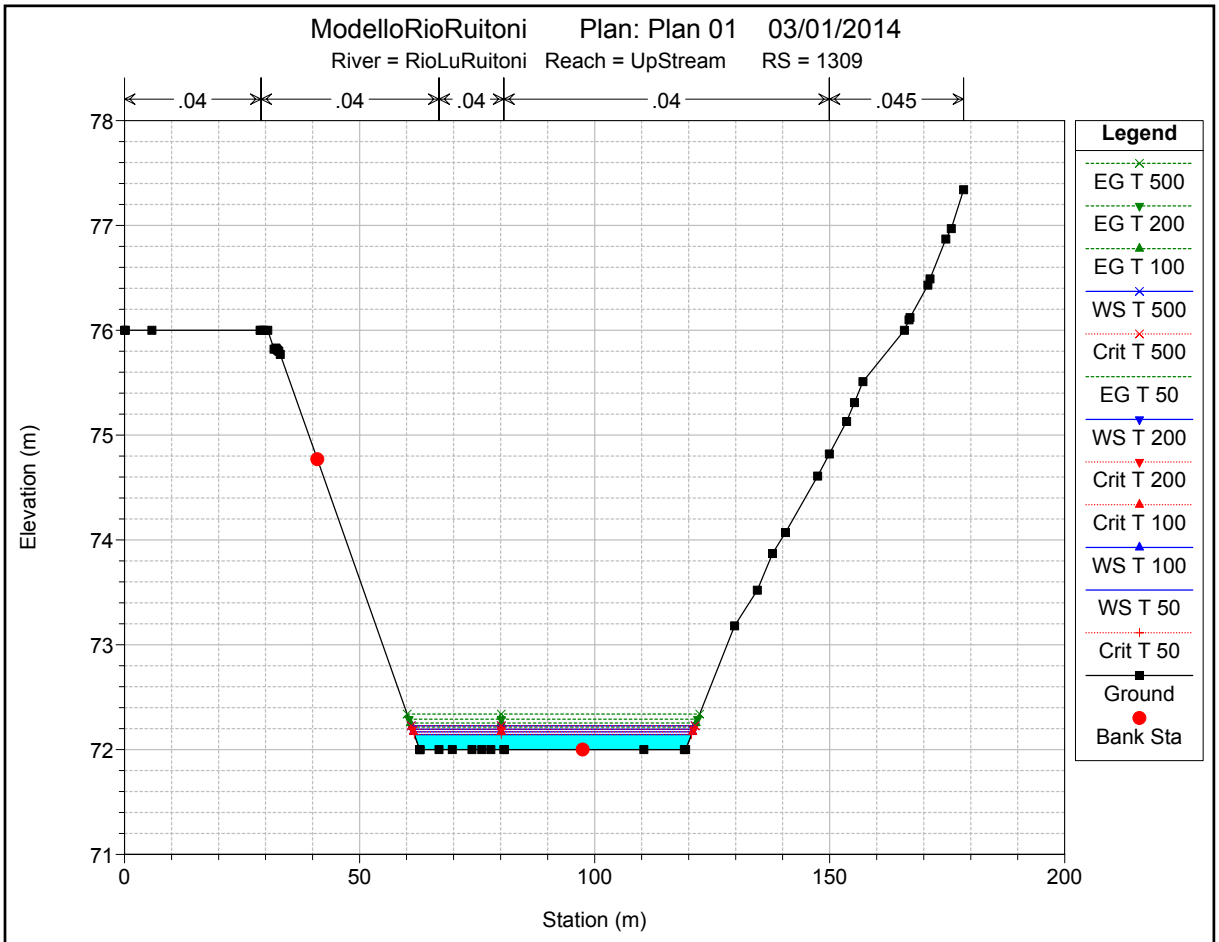

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1664
.045
.04
.04
.04
.04
.025
.04
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
86
85
84
83
82
81
80
79
0
20
40
60
80
100
120
140
160
180

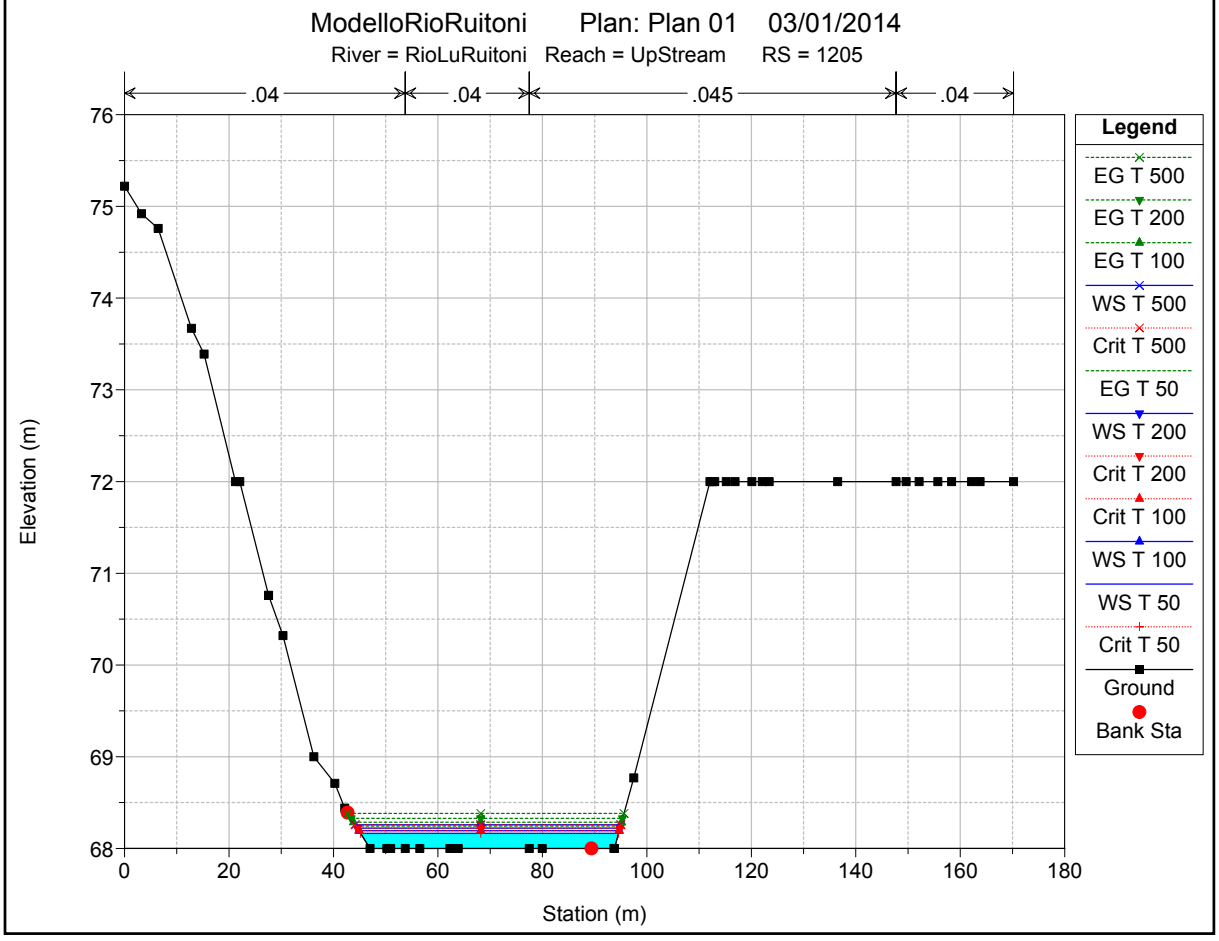

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1550
.04
.045
.045
.04
.04
.04
.04
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
94
92
90
88
86
84
82
80
78
76
0
50
100
150
200

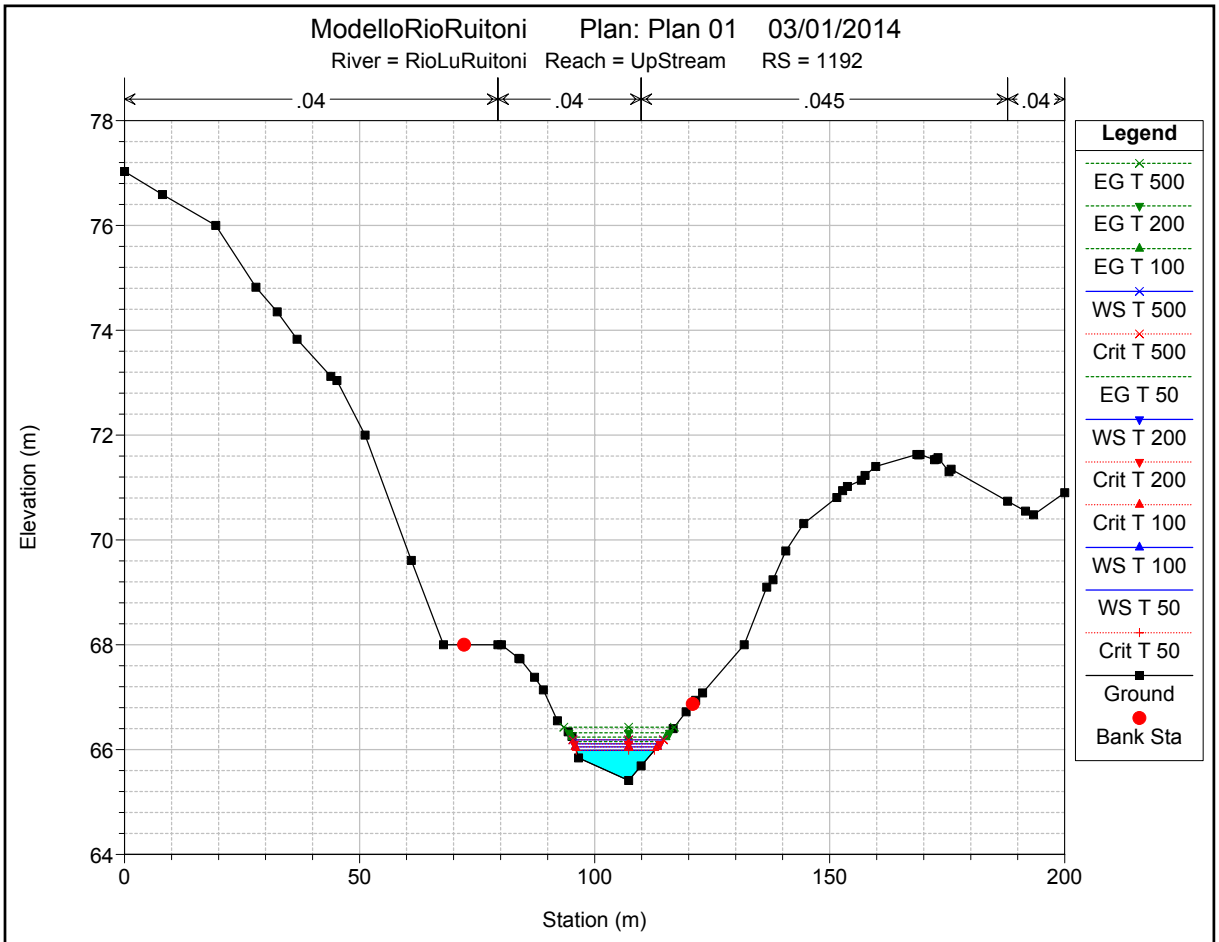

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1500
.04
.045
.04
.045
.04
.045
.04
.04
.04
.025
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
94
92
90
88
86
84
82
80
78
76
0
50
100
150
200

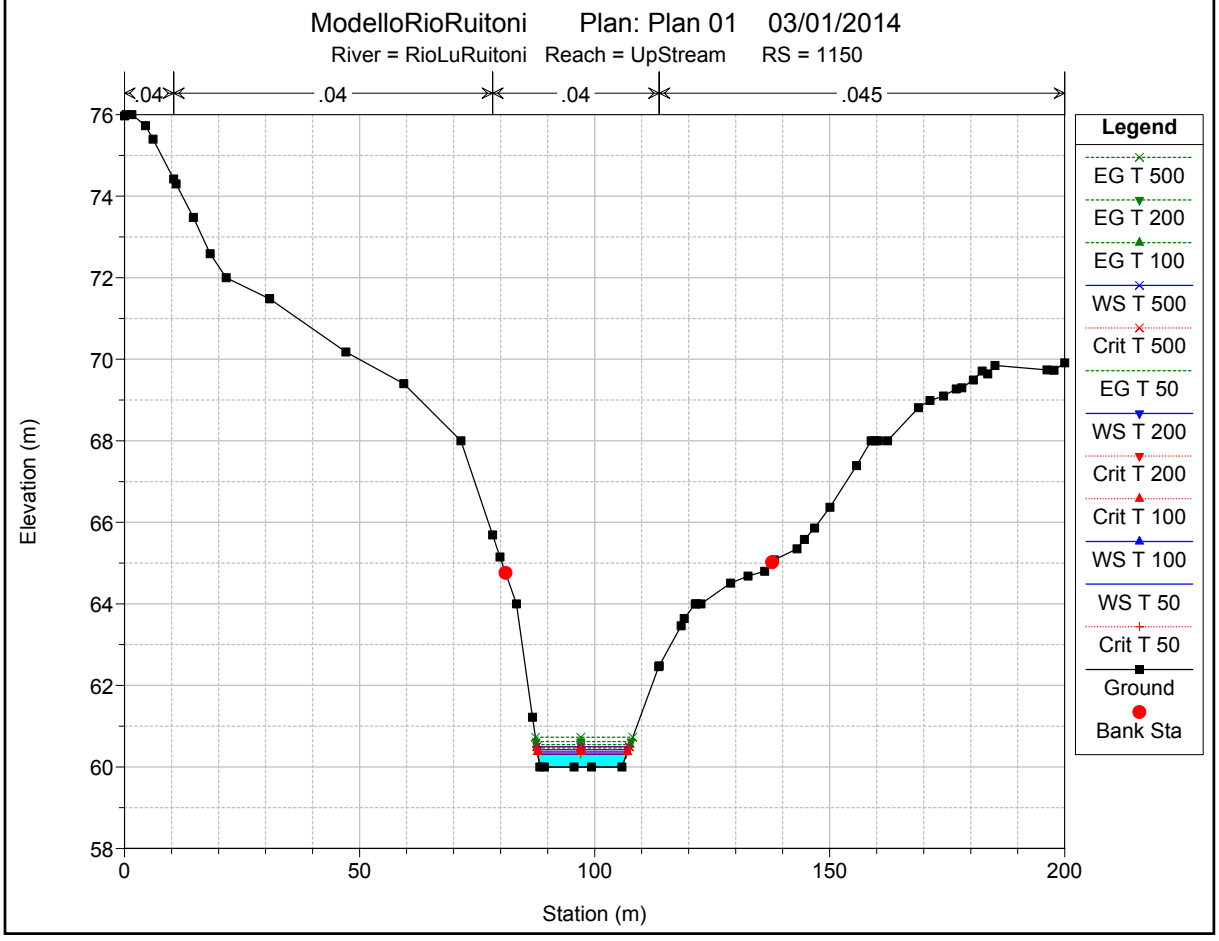

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1450
.04
.04
.04
.025
.04
95
90
85
80
75
0
50
100
150
200
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

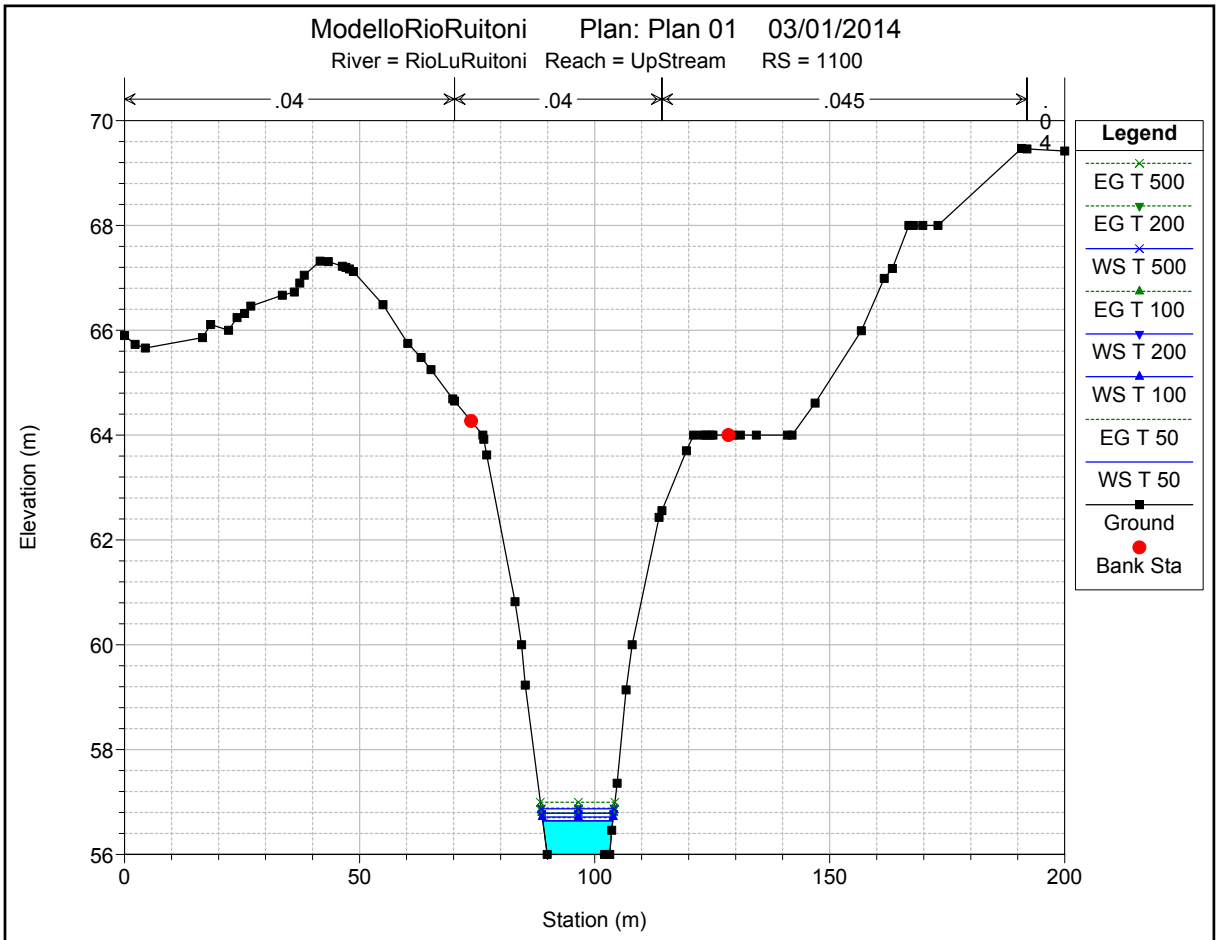

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1400
.04
.04
.045
.04
.025
86
84
82
80
78
76
74
72
70
0
50
100
150
200
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

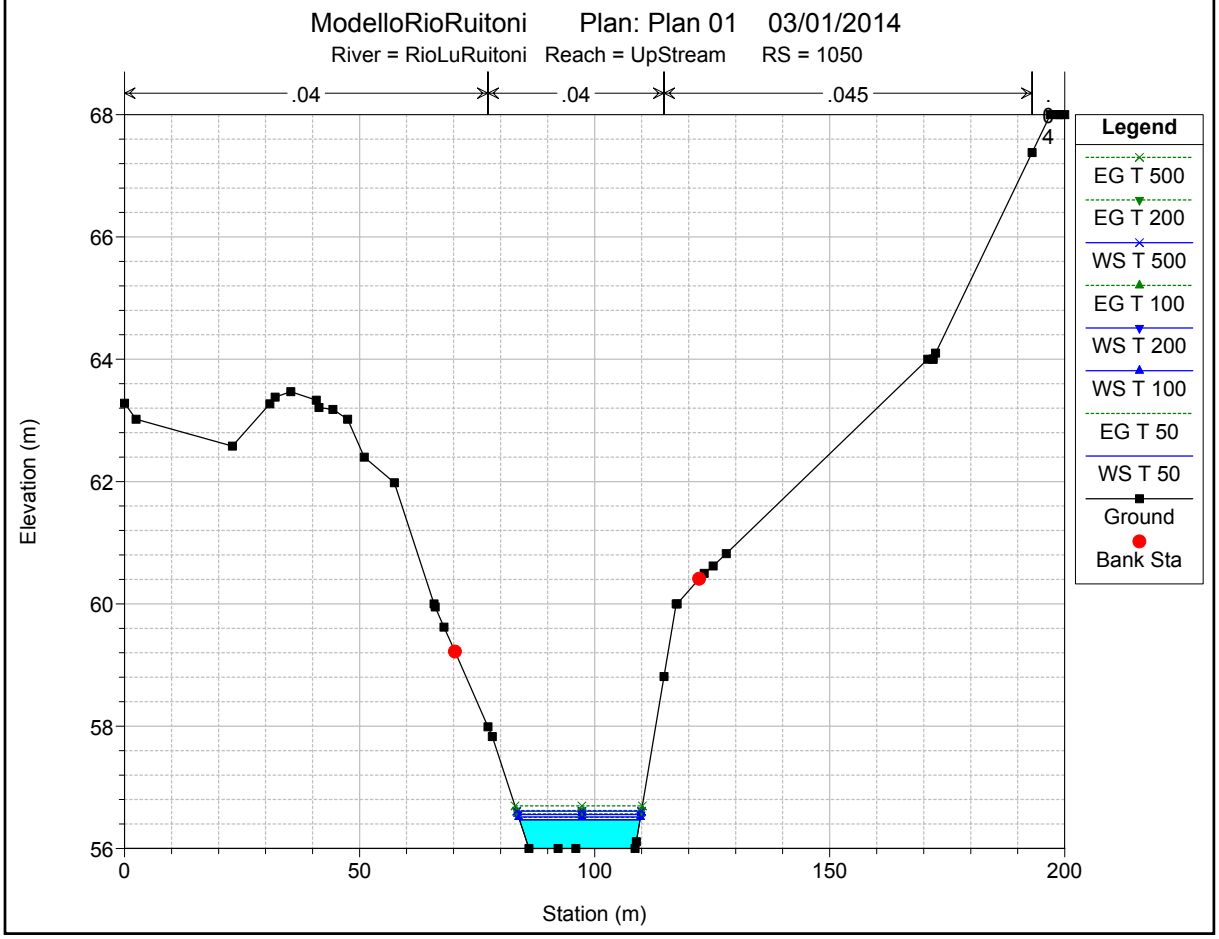

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1309
.04
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

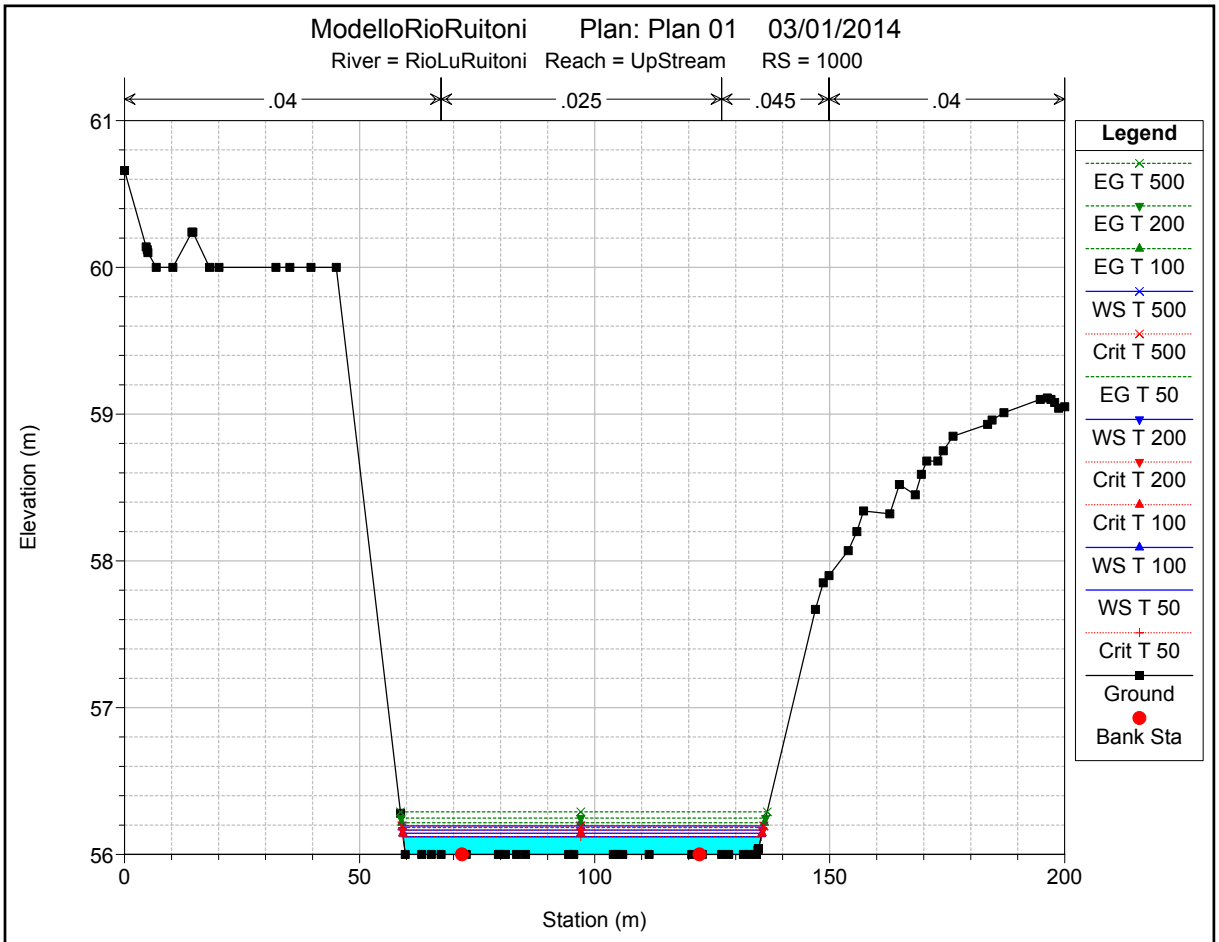

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1205
.04
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

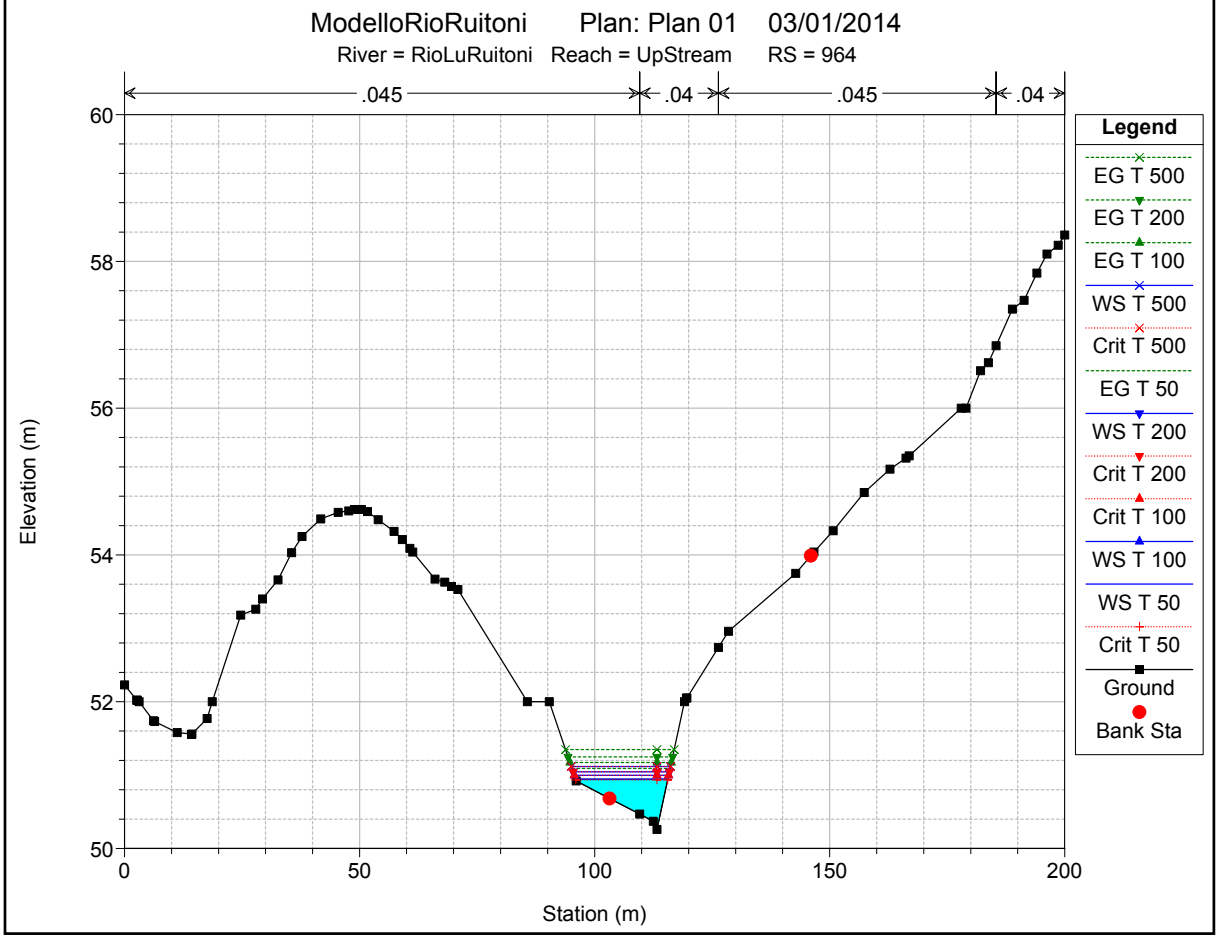

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1192
.04
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

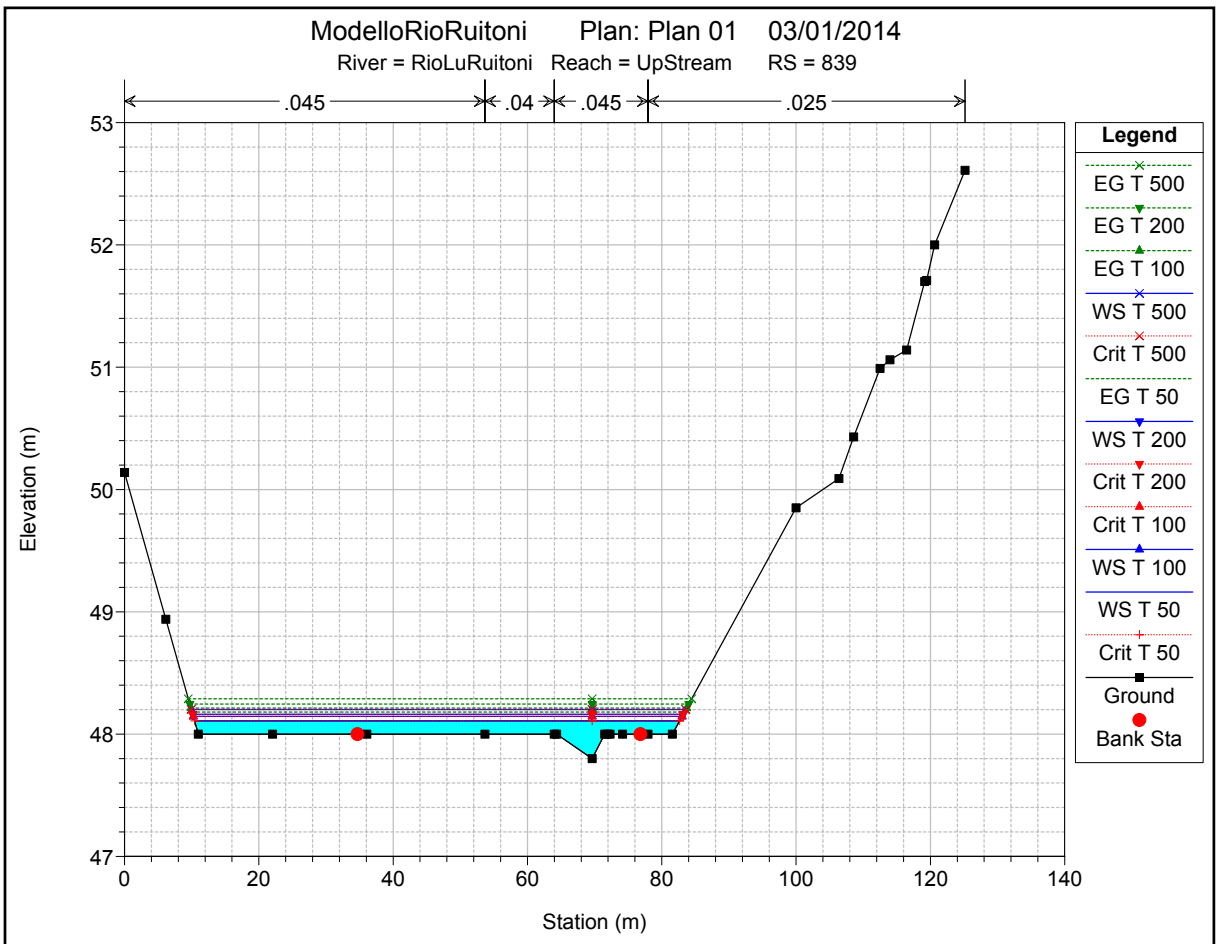

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1150
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

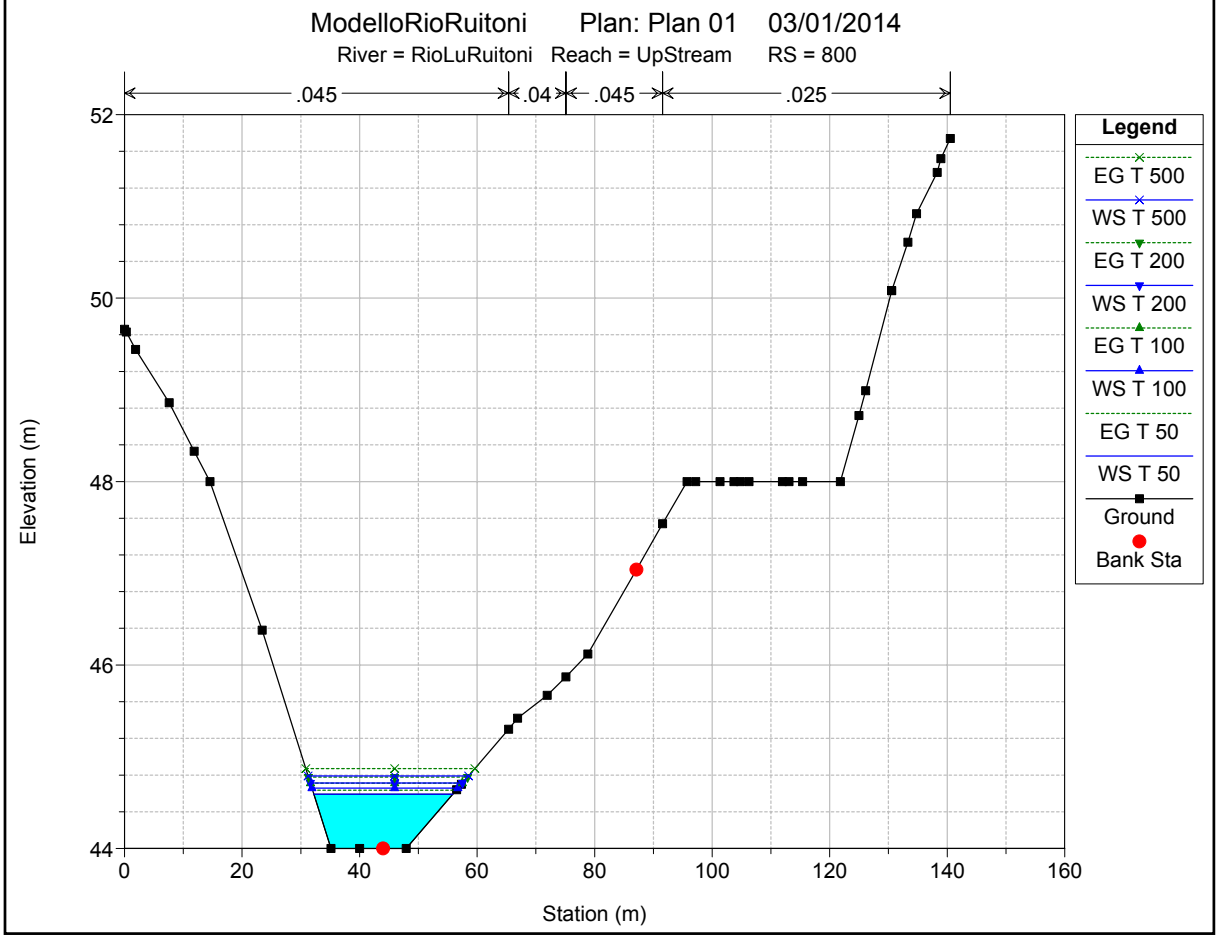

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1100
.04
.04
.045
.04
Legend
EG T 500
EG T 200
WS T 500
EG T 100
WS T 200
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
70
68
66
64
62
60
58
56
0
50
100
150
200

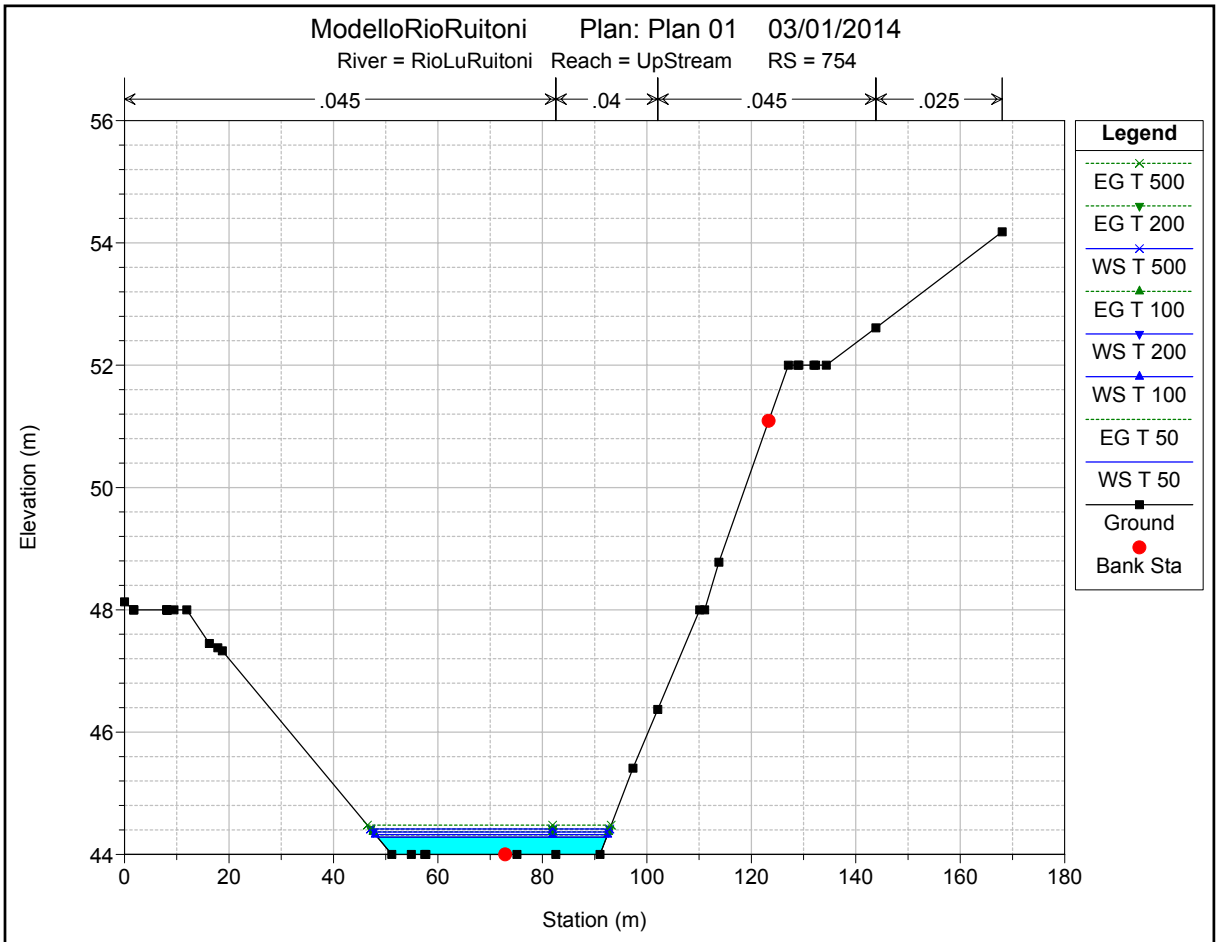

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1050
.04
.04
.045
.04
Legend
EG T 500
EG T 200
WS T 500
EG T 100
WS T 200
WS T 100
EG T 50
WS T 50
Ground
Bank Sta
Elevation (m)
Station (m)
68
66
64
62
60
58
56
0
50
100
150
200

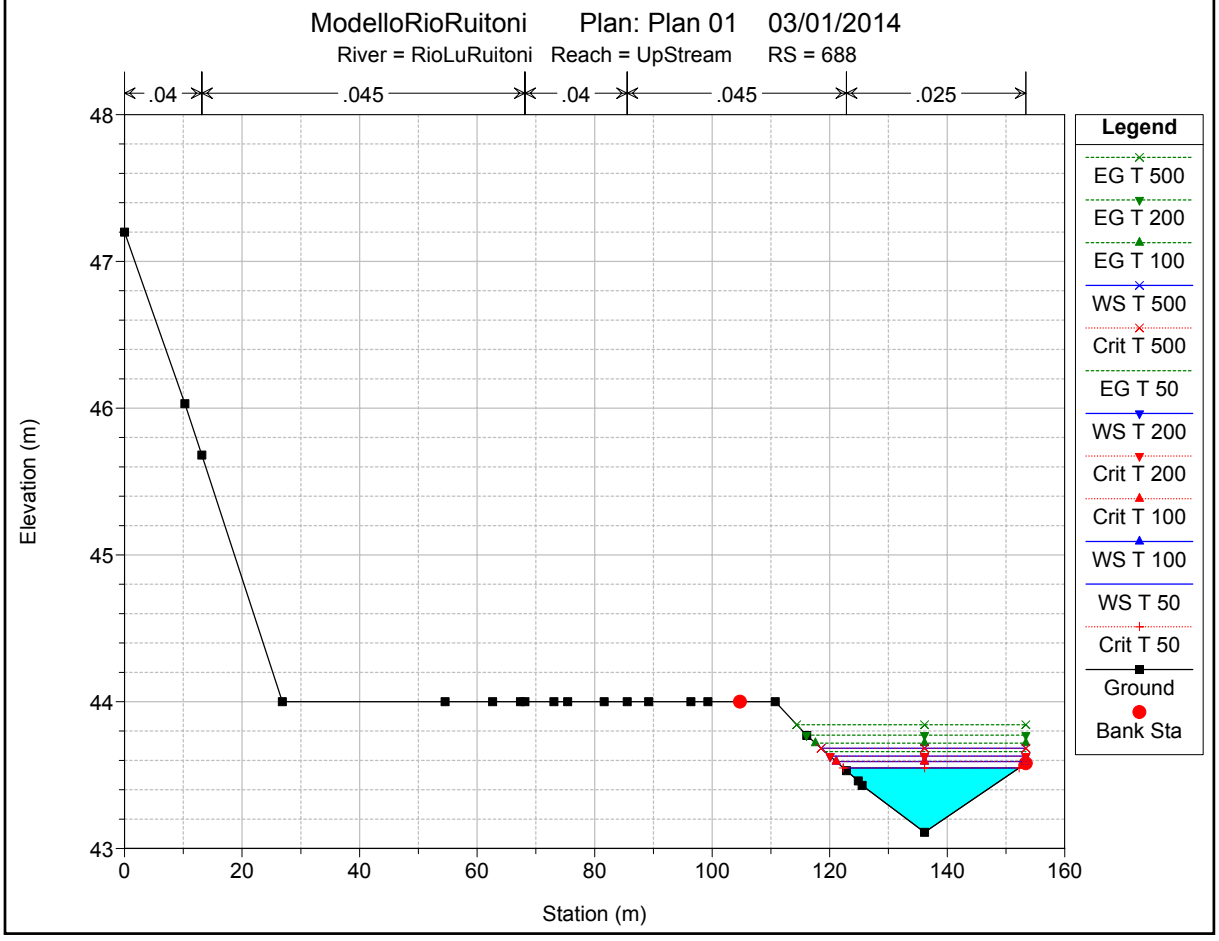

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 1000
.04
.025
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

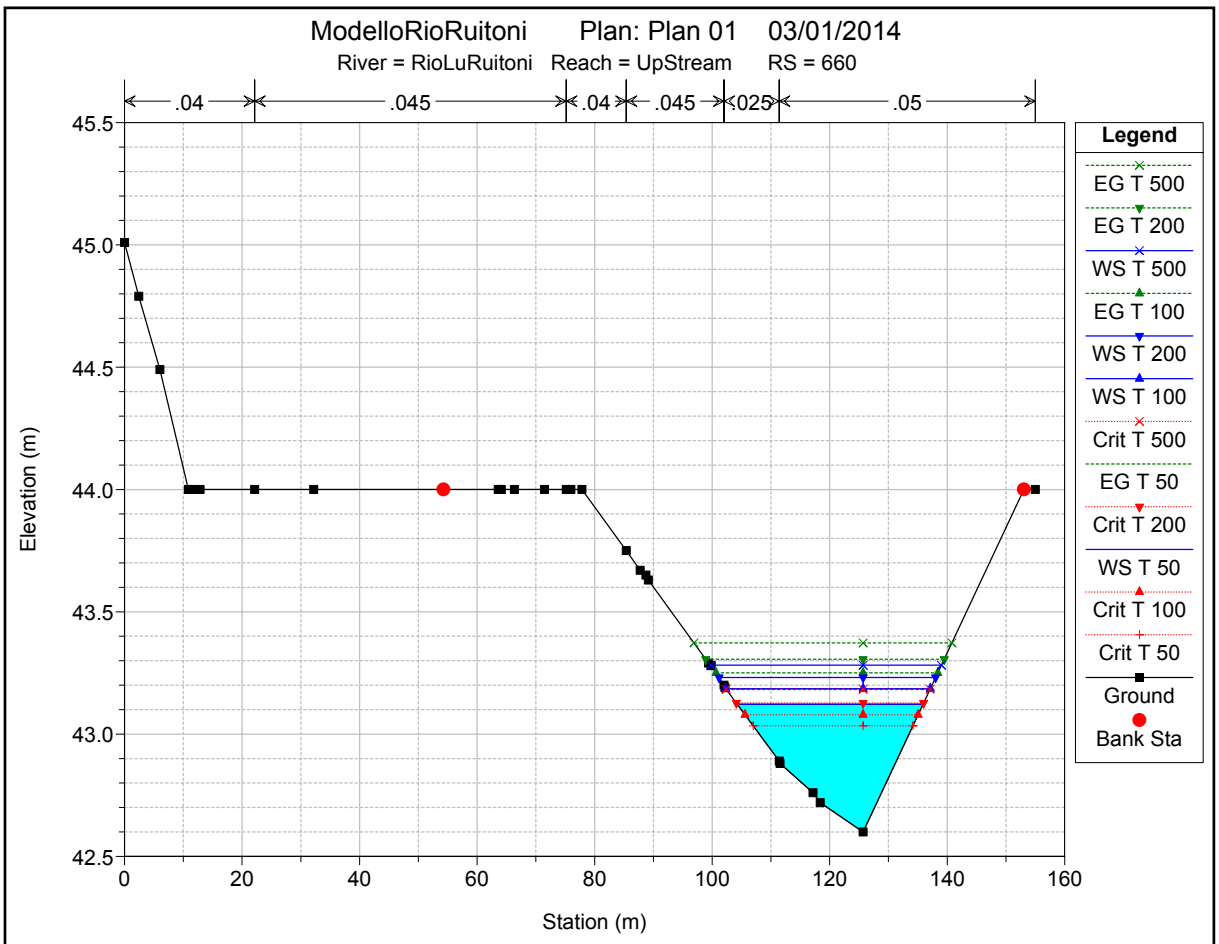

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 964
.045
.04
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

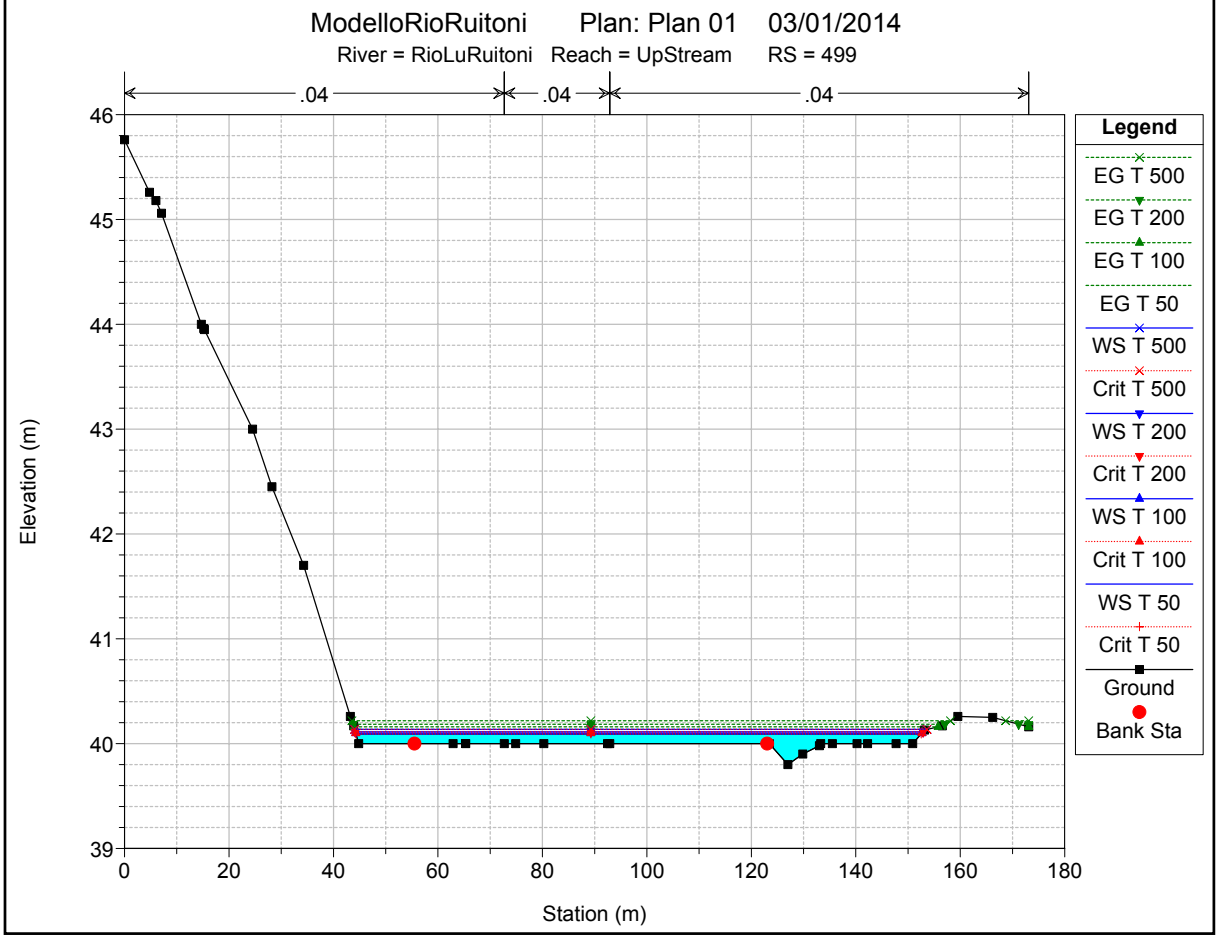

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 839
.045
.04
.045
.025
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

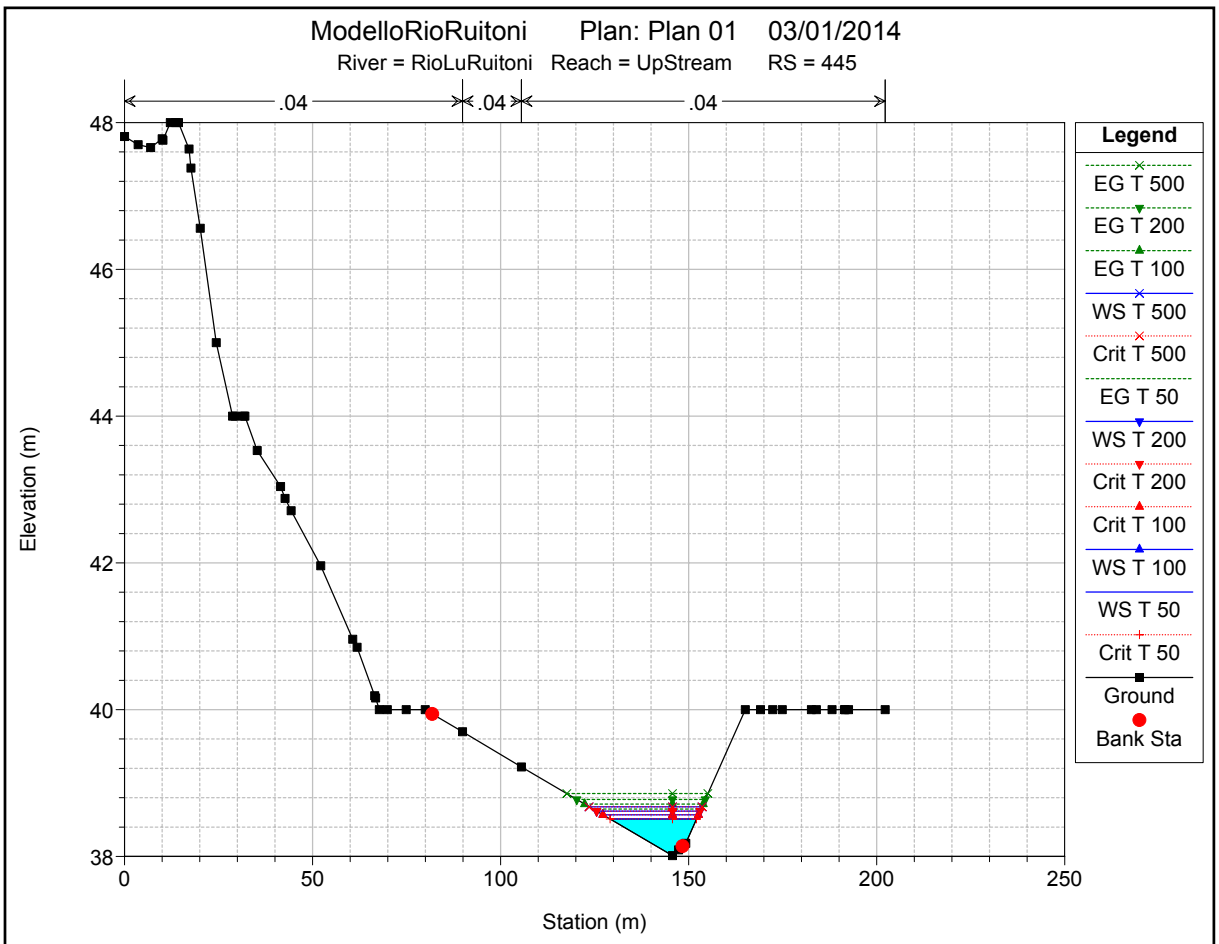

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 800
.045
.04
.045
.025
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 754
.045
.04
.045
.025
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
WS T 500
EG T 100
WS T 200
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 688
.04
.045
.04
.045
.025
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 660
.04
.045
.04
.045
.025
.05
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
WS T 500
EG T 100
WS T 200
WS T 100
Crit T 500
EG T 50
Crit T 200
WS T 50
Crit T 100
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 499
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
EG T 50
WS T 500
Crit T 500
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = RioLuRuitoni Reach = UpStream RS = 445
.04
.04
.04
Elevation (m)
48
46
44
42
40
38
0
50
100
150
200
250
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

HEC-RAS Plan: Plan 01 River: RioLuRuitoni Reach: UpStream

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)	
UpStream	2950	T 50	9.85	213.24	214.19	214.19	214.43	0.026823	2.18	4.51	9.51	1.01
UpStream	2950	T 100	12.61	213.24	214.29	214.29	214.55	0.026031	2.27	5.55	10.78	1.01
UpStream	2950	T 200	15.48	213.24	214.39	214.39	214.66	0.025389	2.33	6.63	12.16	1.01
UpStream	2950	T 500	19.66	213.24	214.49	214.49	214.80	0.024927	2.45	8.02	13.49	1.02
UpStream	2900	T 50	9.85	197.97	198.62	198.62	198.82	0.027730	2.01	4.89	12.10	1.01
UpStream	2900	T 100	12.61	197.97	198.69	198.69	198.93	0.026667	2.14	5.88	12.85	1.01
UpStream	2900	T 200	15.48	197.97	198.77	198.77	199.03	0.025615	2.25	6.89	13.57	1.01
UpStream	2900	T 500	19.66	197.97	198.87	198.87	199.16	0.024780	2.39	8.24	14.48	1.01
UpStream	2831	T 50	9.85	174.38	175.12	175.12	175.31	0.026596	1.88	5.20	14.79	0.98
UpStream	2831	T 100	12.61	174.38	175.19	175.19	175.40	0.025400	1.96	6.31	15.81	0.97
UpStream	2831	T 200	15.48	174.38	175.25	175.25	175.49	0.025155	2.10	7.27	16.32	0.98
UpStream	2831	T 500	19.66	174.38	175.34	175.34	175.60	0.023969	2.25	8.71	17.16	0.98
UpStream	2800	T 50	9.85	162.08	163.00	163.00	163.14	0.029649	1.71	5.76	19.01	0.99
UpStream	2800	T 100	12.61	162.08	163.06	163.06	163.22	0.027246	1.79	7.06	20.53	0.97
UpStream	2800	T 200	15.48	162.08	163.10	163.10	163.30	0.030054	1.96	7.89	21.44	1.03
UpStream	2800	T 500	19.66	162.08	163.18	163.18	163.39	0.027475	2.01	9.78	23.94	1.00
UpStream	2783	T 50	9.85	154.61	155.53	155.53	155.81	0.025969	2.35	4.19	7.59	1.01
UpStream	2783	T 100	12.61	154.61	155.64	155.64	155.96	0.025013	2.49	5.06	8.18	1.01
UpStream	2783	T 200	15.48	154.61	155.74	155.74	156.09	0.024340	2.61	5.93	8.72	1.01
UpStream	2783	T 500	19.66	154.61	155.88	155.88	156.26	0.023544	2.76	7.14	9.43	1.01
UpStream	2700	T 50	9.85	132.34	133.04	133.04	133.23	0.029031	1.89	5.21	14.67	1.01
UpStream	2700	T 100	12.61	132.34	133.11	133.11	133.32	0.028168	2.01	6.27	15.73	1.02
UpStream	2700	T 200	15.48	132.34	133.18	133.18	133.41	0.026566	2.09	7.39	16.67	1.00
UpStream	2700	T 500	19.66	132.34	133.27	133.27	133.52	0.025927	2.23	8.82	17.80	1.01
UpStream	2650	T 50	9.85	128.00	128.24	128.24	128.35	0.029792	1.49	6.60	29.30	1.00
UpStream	2650	T 100	12.61	128.00	128.28	128.28	128.41	0.028126	1.61	7.85	29.79	1.00
UpStream	2650	T 200	15.48	128.00	128.32	128.32	128.47	0.027214	1.72	9.01	30.23	1.00
UpStream	2650	T 500	19.66	128.00	128.37	128.37	128.54	0.026023	1.85	10.63	30.84	1.01
UpStream	2618	T 50	9.85	126.82	127.16	127.16	127.28	0.024700	1.49	6.62	29.12	1.00
UpStream	2618	T 100	12.61	126.82	127.21	127.21	127.34	0.024005	1.60	7.89	30.22	1.00
UpStream	2618	T 200	15.48	126.82	127.25	127.25	127.39	0.023824	1.71	9.08	31.22	1.01
UpStream	2618	T 500	19.66	126.82	127.30	127.30	127.47	0.022357	1.80	10.90	32.69	1.00
UpStream	2550	T 50	9.85	124.00	124.19	124.19	124.28	0.022728	1.34	7.47	42.21	1.02
UpStream	2550	T 100	12.61	124.00	124.22	124.22	124.32	0.021341	1.45	8.88	43.11	1.02
UpStream	2550	T 200	15.48	124.00	124.25	124.25	124.37	0.020199	1.54	10.27	43.98	1.02
UpStream	2550	T 500	19.66	124.00	124.29	124.29	124.43	0.019130	1.65	12.14	45.12	1.02
UpStream	2476	T 50	9.85	120.00	120.24	120.24	120.36	0.025745	1.51	6.53	28.23	1.00
UpStream	2476	T 100	12.61	120.00	120.29	120.29	120.42	0.024237	1.63	7.76	28.69	1.00
UpStream	2476	T 200	15.48	120.00	120.32	120.32	120.48	0.024827	1.77	8.76	29.06	1.03
UpStream	2476	T 500	19.66	120.00	120.38	120.38	120.56	0.022284	1.87	10.53	29.71	1.00
UpStream	2450	T 50	9.85	118.23	118.79	118.79	118.94	0.024648	1.69	5.83	20.63	1.01
UpStream	2450	T 100	12.61	118.23	118.85	118.85	119.01	0.023844	1.78	7.08	22.52	1.01
UpStream	2450	T 200	15.48	118.23	118.90	118.90	119.08	0.023139	1.86	8.32	24.27	1.01
UpStream	2450	T 500	19.66	118.23	118.97	118.97	119.17	0.022353	1.96	10.05	26.52	1.01
UpStream	2400	T 50	9.85	116.00	116.21	116.21	116.31	0.024420	1.41	7.01	34.89	1.00
UpStream	2400	T 100	12.61	116.00	116.25	116.25	116.37	0.023085	1.52	8.32	35.54	1.00
UpStream	2400	T 200	15.48	116.00	116.28	116.28	116.42	0.022387	1.62	9.56	36.14	1.00
UpStream	2400	T 500	19.66	116.00	116.33	116.33	116.49	0.021017	1.73	11.35	36.98	1.00
UpStream	2350	T 50	9.85	112.00	112.48	112.48	112.66	0.021534	1.88	5.25	14.82	1.01
UpStream	2350	T 100	12.61	112.00	112.55	112.55	112.75	0.020626	1.98	6.37	15.96	1.00
UpStream	2350	T 200	15.48	112.00	112.62	112.62	112.84	0.020366	2.09	7.42	16.96	1.01
UpStream	2350	T 500	19.66	112.00	112.70	112.70	112.95	0.019849	2.20	8.92	18.32	1.01
UpStream	2278	T 50	9.85	108.00	108.57	108.48	108.68	0.010022	1.51	6.51	15.47	0.74
UpStream	2278	T 100	12.61	108.00	108.62		108.77	0.011476	1.71	7.35	16.22	0.81
UpStream	2278	T 200	15.48	108.00	108.66	108.62	108.85	0.013316	1.92	8.05	16.81	0.89
UpStream	2278	T 500	19.66	108.00	108.72	108.71	108.96	0.015266	2.17	9.06	17.63	0.97
UpStream	2250	T 50	9.85	107.84	108.16	108.16	108.24	0.027860	1.27	7.76	46.72	0.99
UpStream	2250	T 100	12.61	107.84	108.19	108.19	108.28	0.026551	1.37	9.20	47.43	0.99
UpStream	2250	T 200	15.48	107.84	108.22	108.22	108.33	0.025657	1.46	10.58	48.10	1.00
UpStream	2250	T 500	19.66	107.84	108.25	108.25	108.38	0.025316	1.59	12.35	48.94	1.01
UpStream	2200	T 50	9.85	104.00	104.56	104.56	104.73	0.021706	1.83	5.39	16.14	1.01
UpStream	2200	T 100	12.61	104.00	104.63	104.63	104.82	0.019699	1.91	6.61	17.81	1.00
UpStream	2200	T 200	15.48	104.00	104.69	104.69	104.90	0.018968	2.00	7.75	19.24	1.00
UpStream	2200	T 500	19.66	104.00	104.77	104.77	105.00	0.018414	2.11	9.33	21.06	1.01
UpStream	2100	T 50	9.85	100.00	100.25		100.26	0.001560	0.37	24.59	100.67	0.25
UpStream	2100	T 100	12.61	100.00	100.29		100.30	0.001490	0.40	28.98	101.28	0.25
UpStream	2100	T 200	15.48	100.00	100.31		100.33	0.001766	0.45	31.21	101.82	0.27
UpStream	2100	T 500	19.66	100.00	100.35		100.37	0.001940	0.50	35.17	103.02	0.29
UpStream	2050	T 50	9.85	100.00	100.09	100.09	100.12	0.017720	0.65	13.11	146.12	0.69
UpStream	2050	T 100	12.61	100.00	100.09	100.09	100.14	0.033664	0.87	12.54	146.01	0.95
UpStream	2050	T 200	15.48	100.00	100.11	100.11	100.16	0.024655	0.86	15.59	146.59	0.84

HEC-RAS Plan: Plan 01 River: RioLuRuitoni Reach: UpStream (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)	
UpStream	2050	T 500	19.66	100.00	100.12	100.12	100.19	0.025414	0.96	17.85	147.01	0.87
UpStream	1950	T 50	9.85	92.53	93.15	93.08	93.26	0.012963	1.46	6.74	18.28	0.77
UpStream	1950	T 100	12.61	92.53	93.21	93.14	93.34	0.014085	1.61	7.83	19.51	0.81
UpStream	1950	T 200	15.48	92.53	93.26	93.21	93.42	0.015247	1.75	8.83	20.59	0.85
UpStream	1950	T 500	19.66	92.53	93.33	93.28	93.51	0.016020	1.90	10.34	22.12	0.89
UpStream	1900	T 50	9.85	92.00	92.26	92.26	92.38	0.024644	1.53	6.42	26.71	1.00
UpStream	1900	T 100	12.61	92.00	92.31	92.31	92.45	0.023379	1.65	7.65	27.46	1.00
UpStream	1900	T 200	15.48	92.00	92.35	92.35	92.51	0.022474	1.75	8.83	28.18	1.00
UpStream	1900	T 500	19.66	92.00	92.41	92.41	92.59	0.021706	1.89	10.42	29.11	1.01
UpStream	1850	T 50	9.85	88.00	88.24	88.24	88.36	0.025629	1.52	6.47	27.52	1.00
UpStream	1850	T 100	12.61	88.00	88.29	88.29	88.42	0.024107	1.64	7.68	27.80	1.00
UpStream	1850	T 200	15.48	88.00	88.33	88.33	88.48	0.023182	1.76	8.82	28.07	1.00
UpStream	1850	T 500	19.66	88.00	88.38	88.38	88.56	0.022132	1.89	10.38	28.43	1.00
UpStream	1800	T 50	9.85	84.00	84.34	84.34	84.50	0.023293	1.73	5.71	18.75	1.00
UpStream	1800	T 100	12.61	84.00	84.40	84.40	84.58	0.022271	1.86	6.78	19.46	1.01
UpStream	1800	T 200	15.48	84.00	84.46	84.46	84.65	0.020863	1.96	7.91	20.18	1.00
UpStream	1800	T 500	19.66	84.00	84.53	84.53	84.75	0.019454	2.10	9.38	21.08	1.00
UpStream	1700	T 50	9.85	80.00	80.52		80.54	0.002489	0.70	13.97	32.83	0.34
UpStream	1700	T 100	12.61	80.00	80.58		80.61	0.002742	0.79	16.01	34.26	0.37
UpStream	1700	T 200	15.48	80.00	80.63		80.67	0.002978	0.86	17.93	35.56	0.39
UpStream	1700	T 500	19.66	80.00	80.70		80.75	0.003244	0.96	20.55	37.25	0.41
UpStream	1664	T 50	9.85	80.00	80.22	80.22	80.32	0.026087	1.41	6.99	34.45	1.00
UpStream	1664	T 100	12.61	80.00	80.26	80.26	80.37	0.024810	1.52	8.29	35.33	1.00
UpStream	1664	T 200	15.48	80.00	80.29	80.29	80.43	0.023364	1.61	9.60	36.20	1.00
UpStream	1664	T 500	19.66	80.00	80.34	80.34	80.49	0.022389	1.74	11.32	37.31	1.01
UpStream	1550	T 50	9.85	76.00	76.65		76.68	0.001947	0.73	13.47	24.80	0.32
UpStream	1550	T 100	12.61	76.00	76.73		76.76	0.002132	0.82	15.44	25.79	0.34
UpStream	1550	T 200	15.48	76.00	76.80		76.84	0.002294	0.89	17.32	26.69	0.35
UpStream	1550	T 500	19.66	76.00	76.90		76.95	0.002451	0.98	19.96	27.92	0.37
UpStream	1500	T 50	9.85	76.00	76.56		76.59	0.001681	0.67	14.73	27.76	0.29
UpStream	1500	T 100	12.61	76.00	76.63		76.66	0.001864	0.76	16.67	28.16	0.31
UpStream	1500	T 200	15.48	76.00	76.70		76.73	0.002032	0.84	18.47	28.53	0.33
UpStream	1500	T 500	19.66	76.00	76.79		76.83	0.002180	0.93	21.03	29.04	0.35
UpStream	1450	T 50	9.85	76.00	76.24	76.24	76.36	0.025442	1.52	6.50	27.65	1.00
UpStream	1450	T 100	12.61	76.00	76.28	76.28	76.42	0.024408	1.65	7.66	27.89	1.00
UpStream	1450	T 200	15.48	76.00	76.32	76.32	76.48	0.023245	1.75	8.82	28.12	1.00
UpStream	1450	T 500	19.66	76.00	76.38	76.38	76.56	0.022768	1.91	10.29	28.41	1.01
UpStream	1400	T 50	9.85	72.00	72.70		72.74	0.002415	0.88	11.25	17.60	0.35
UpStream	1400	T 100	12.61	72.00	72.77		72.83	0.002756	1.00	12.64	17.92	0.38
UpStream	1400	T 200	15.48	72.00	72.85		72.91	0.003076	1.11	13.94	18.22	0.41
UpStream	1400	T 500	19.66	72.00	72.93		73.01	0.003576	1.27	15.52	18.58	0.44
UpStream	1309	T 50	9.85	72.00	72.14	72.14	72.22	0.031223	1.20	8.26	58.96	1.02
UpStream	1309	T 100	12.61	72.00	72.17	72.17	72.25	0.028797	1.29	9.85	59.40	1.01
UpStream	1309	T 200	15.48	72.00	72.19	72.19	72.29	0.027396	1.37	11.33	59.82	1.00
UpStream	1309	T 500	19.66	72.00	72.23	72.23	72.34	0.026048	1.48	13.33	60.37	1.00
UpStream	1205	T 50	9.85	68.00	68.16	68.16	68.24	0.031066	1.26	7.89	49.37	1.01
UpStream	1205	T 100	12.61	68.00	68.19	68.19	68.29	0.029425	1.37	9.33	49.83	1.01
UpStream	1205	T 200	15.48	68.00	68.22	68.22	68.33	0.028145	1.46	10.73	50.28	1.01
UpStream	1205	T 500	19.66	68.00	68.26	68.26	68.38	0.026707	1.58	12.64	50.87	1.01
UpStream	1192	T 50	9.85	65.41	65.98	65.98	66.15	0.022157	1.82	5.43	16.63	1.01
UpStream	1192	T 100	12.61	65.41	66.05	66.05	66.24	0.020511	1.92	6.57	17.50	1.00
UpStream	1192	T 200	15.48	65.41	66.11	66.11	66.32	0.019988	2.03	7.62	18.27	1.00
UpStream	1192	T 500	19.66	65.41	66.19	66.19	66.43	0.019472	2.17	9.06	19.27	1.01
UpStream	1150	T 50	9.85	60.00	60.31	60.31	60.47	0.023922	1.73	5.69	18.86	1.01
UpStream	1150	T 100	12.61	60.00	60.37	60.37	60.55	0.022762	1.87	6.74	19.10	1.01
UpStream	1150	T 200	15.48	60.00	60.42	60.42	60.62	0.021821	1.99	7.76	19.34	1.01
UpStream	1150	T 500	19.66	60.00	60.50	60.50	60.73	0.020506	2.14	9.19	19.67	1.00
UpStream	1100	T 50	9.85	56.00	56.64		56.70	0.003838	1.09	9.05	14.90	0.45
UpStream	1100	T 100	12.61	56.00	56.72		56.79	0.004381	1.24	10.15	15.10	0.48
UpStream	1100	T 200	15.48	56.00	56.78		56.88	0.004880	1.38	11.18	15.28	0.52
UpStream	1100	T 500	19.66	56.00	56.87		57.00	0.005522	1.57	12.53	15.52	0.56
UpStream	1050	T 50	9.85	56.00	56.47		56.51	0.003624	0.87	11.33	25.63	0.42
UpStream	1050	T 100	12.61	56.00	56.51		56.57	0.004368	1.01	12.48	25.92	0.46
UpStream	1050	T 200	15.48	56.00	56.55		56.62	0.005110	1.15	13.52	26.18	0.51
UpStream	1050	T 500	19.66	56.00	56.61		56.70	0.005985	1.31	14.97	26.53	0.56
UpStream	1000	T 50	9.85	56.00	56.12	56.12	56.18	0.014766	1.19	9.11	76.16	1.09
UpStream	1000	T 100	12.61	56.00	56.14	56.14	56.22	0.013391	1.27	10.90	76.41	1.07
UpStream	1000	T 200	15.48	56.00	56.17	56.17	56.25	0.012628	1.36	12.56	76.65	1.06
UpStream	1000	T 500	19.66	56.00	56.19	56.19	56.29	0.011982	1.47	14.75	76.96	1.06
UpStream	964	T 50	9.85	50.26	50.95	50.93	51.09	0.017160	1.74	6.21	19.63	0.86

HEC-RAS Plan: Plan 01 River: RioLuRuitoni Reach: UpStream (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)	
UpStream	964	T 100	12.61	50.26	51.00	51.00	51.17	0.018533	1.93	7.22	20.07	0.91
UpStream	964	T 200	15.48	50.26	51.04	51.04	51.25	0.019414	2.09	8.21	20.49	0.94
UpStream	964	T 500	19.66	50.26	51.12	51.12	51.35	0.019364	2.24	9.70	21.11	0.95
UpStream	839	T 50	9.85	47.80	48.11	48.11	48.18	0.042297	1.19	8.42	72.23	1.08
UpStream	839	T 100	12.61	47.80	48.14	48.14	48.21	0.028073	1.15	11.11	72.79	0.91
UpStream	839	T 200	15.48	47.80	48.16	48.16	48.25	0.029891	1.27	12.35	73.04	0.95
UpStream	839	T 500	19.66	47.80	48.20	48.20	48.29	0.024330	1.30	15.22	73.63	0.89
UpStream	800	T 50	9.85	44.00	44.59		44.64	0.004733	0.82	10.79	23.64	0.42
UpStream	800	T 100	12.61	44.00	44.66		44.71	0.005253	0.92	12.36	24.84	0.45
UpStream	800	T 200	15.48	44.00	44.71		44.78	0.005824	1.01	13.78	25.89	0.47
UpStream	800	T 500	19.66	44.00	44.79		44.87	0.006338	1.11	15.84	27.30	0.50
UpStream	754	T 50	9.85	44.00	44.28		44.32	0.007619	0.86	11.85	43.88	0.53
UpStream	754	T 100	12.61	44.00	44.32		44.37	0.007897	0.96	13.67	44.46	0.55
UpStream	754	T 200	15.48	44.00	44.37		44.42	0.007869	1.04	15.55	45.06	0.56
UpStream	754	T 500	19.66	44.00	44.42		44.48	0.008283	1.15	17.79	45.76	0.59
UpStream	688	T 50	9.85	43.11	43.55	43.55	43.66	0.009847	1.48	6.68	29.93	1.00
UpStream	688	T 100	12.61	43.11	43.59	43.59	43.72	0.009362	1.57	8.03	32.29	1.01
UpStream	688	T 200	15.48	43.11	43.63	43.63	43.77	0.009093	1.68	9.23	33.32	1.02
UpStream	688	T 500	19.66	43.11	43.68	43.68	43.84	0.008379	1.78	11.07	34.84	1.01
UpStream	660	T 50	9.85	42.60	43.12	43.03	43.18	0.012653	1.09	9.07	31.63	0.65
UpStream	660	T 100	12.61	42.60	43.19	43.08	43.25	0.011328	1.13	11.17	34.81	0.64
UpStream	660	T 200	15.48	42.60	43.23	43.13	43.31	0.011248	1.21	12.82	36.87	0.65
UpStream	660	T 500	19.66	42.60	43.28	43.18	43.37	0.011911	1.33	14.73	39.26	0.70
UpStream	499	T 50	9.85	40.00	40.09	40.09	40.14	0.028034	0.85	10.81	108.19	0.90
UpStream	499	T 100	12.61	40.00	40.10	40.10	40.16	0.034900	1.01	11.77	108.40	1.02
UpStream	499	T 200	15.48	40.00	40.11	40.11	40.19	0.036637	1.12	13.14	108.69	1.06
UpStream	499	T 500	19.66	40.00	40.14	40.14	40.22	0.034549	1.22	15.52	109.54	1.06
UpStream	445	T 50	9.85	38.01	38.51	38.51	38.64	0.024565	1.66	6.08	22.98	1.01
UpStream	445	T 100	12.61	38.01	38.57	38.57	38.71	0.022966	1.72	7.49	25.43	0.99
UpStream	445	T 200	15.48	38.01	38.62	38.62	38.78	0.022582	1.80	8.79	27.48	1.00
UpStream	445	T 500	19.66	38.01	38.68	38.68	38.86	0.022515	1.91	10.52	30.00	1.01

IL BACINO LU RUITONI

Ramo Sud

ModelloRioRuitoni Plan: Plan 01 03/01/2014

BacinoSud Affl_S

Legend

- EG T 500
- EG T 200
- EG T 100
- WS T 500
- Crit T 500
- EG T 50
- WS T 200
- Crit T 200
- Crit T 100
- WS T 100
- WS T 50
- Crit T 50
- Ground
- LOB
- ROB

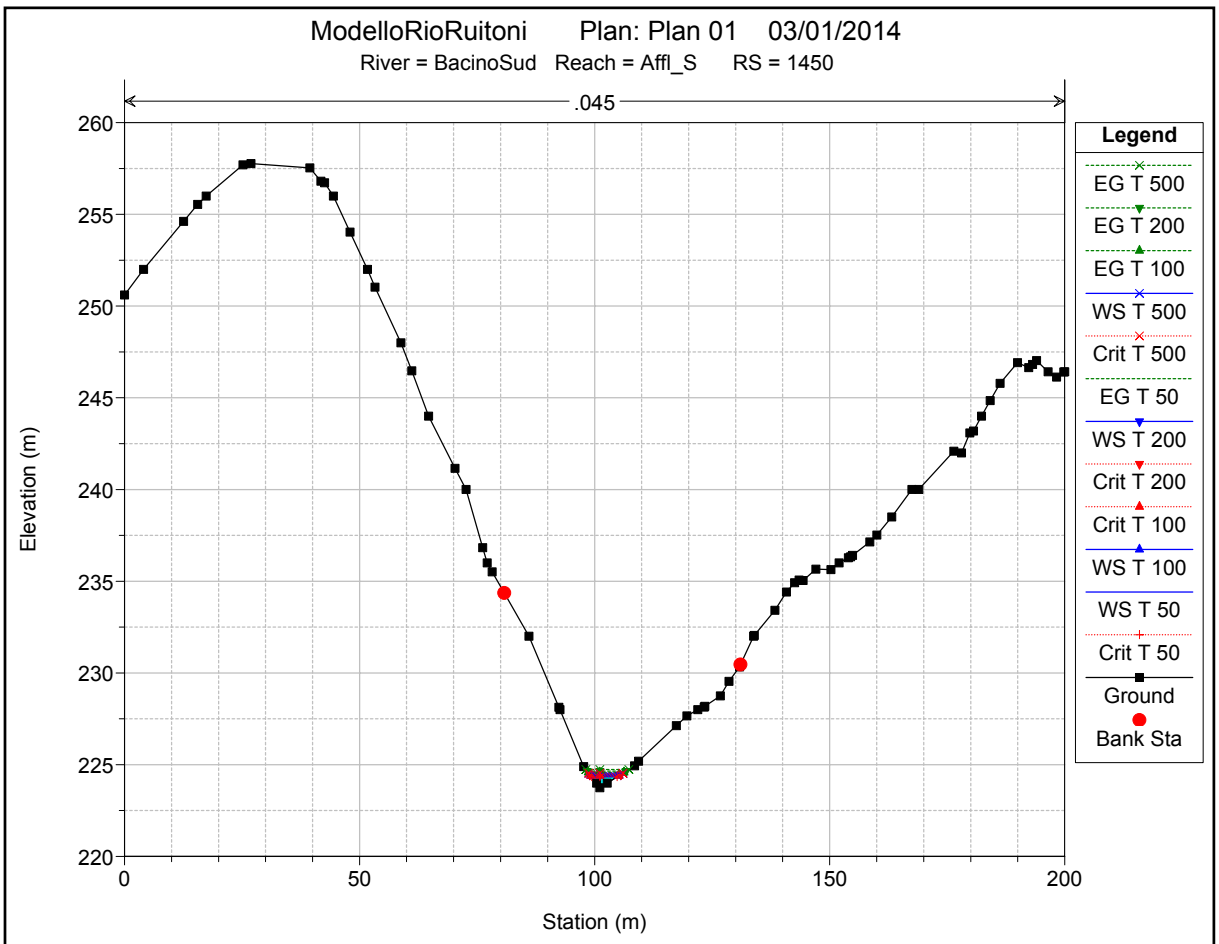
Elevation (m)

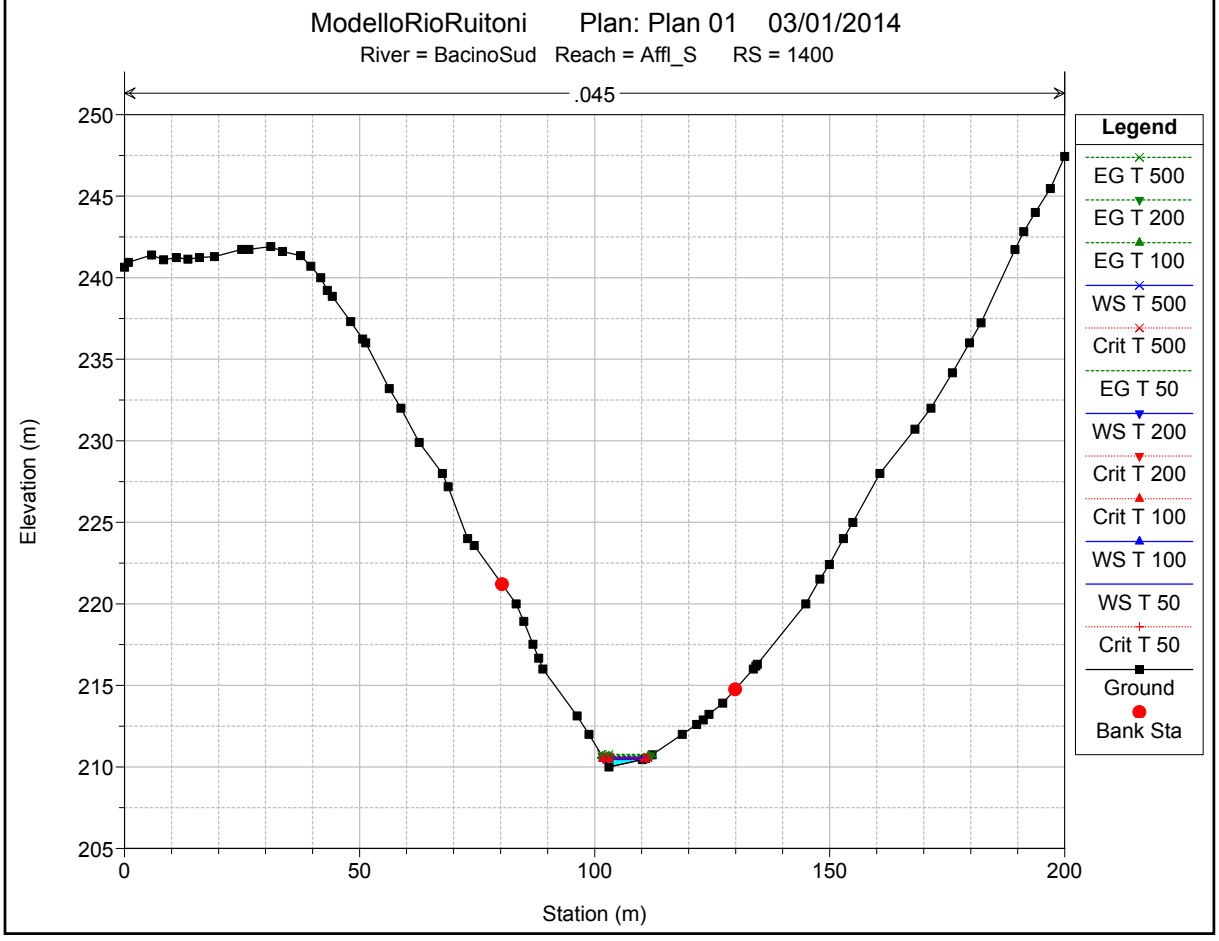
250
200
150
100
50
0

200 250 300 350 447 500 550 615 650 700 750 800 850 890 969 1000 1030 1076 1150 1200 1250 1315 1350 1400 1450

0 200 400 600 800 1000 1200 1400

Main Channel Distance (m)


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 1450
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta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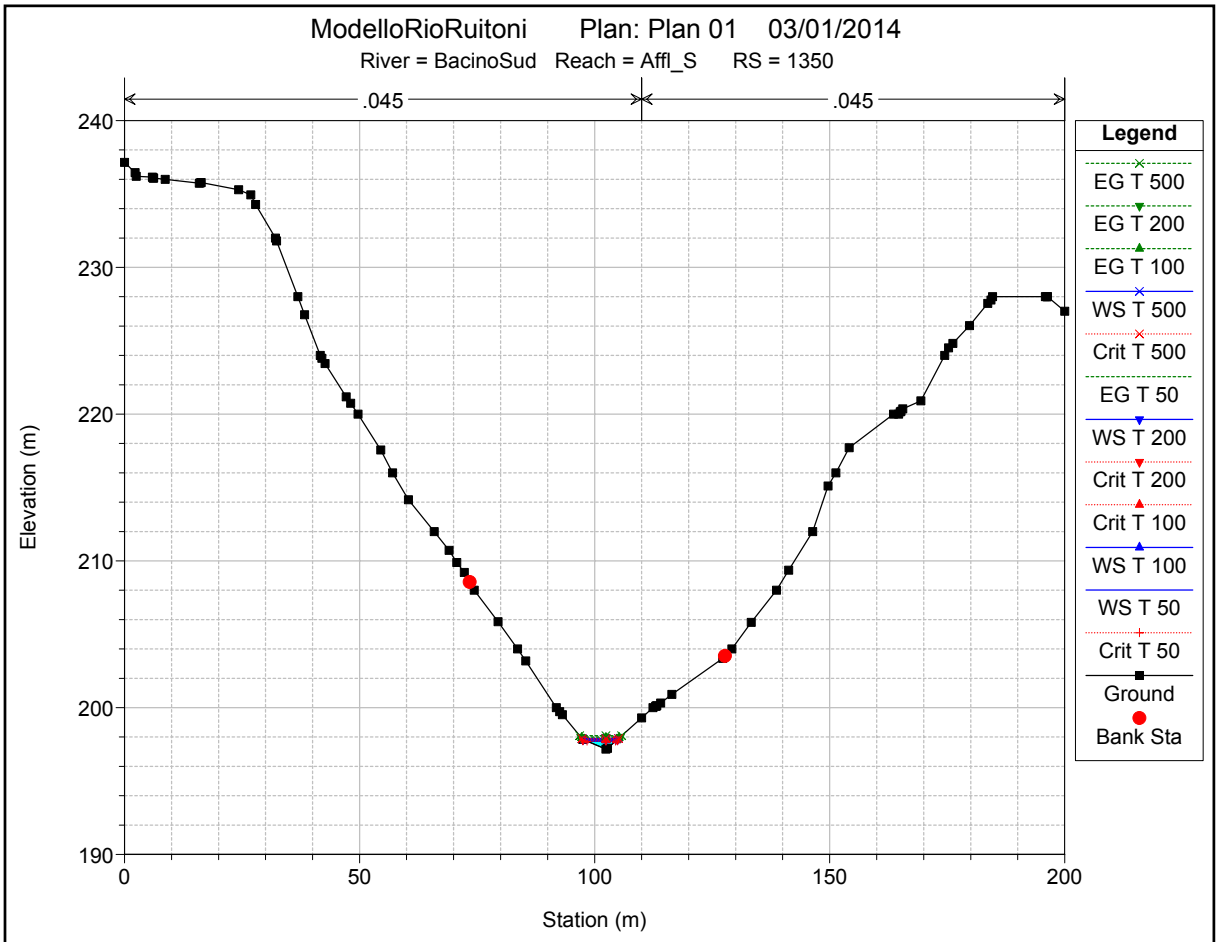
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
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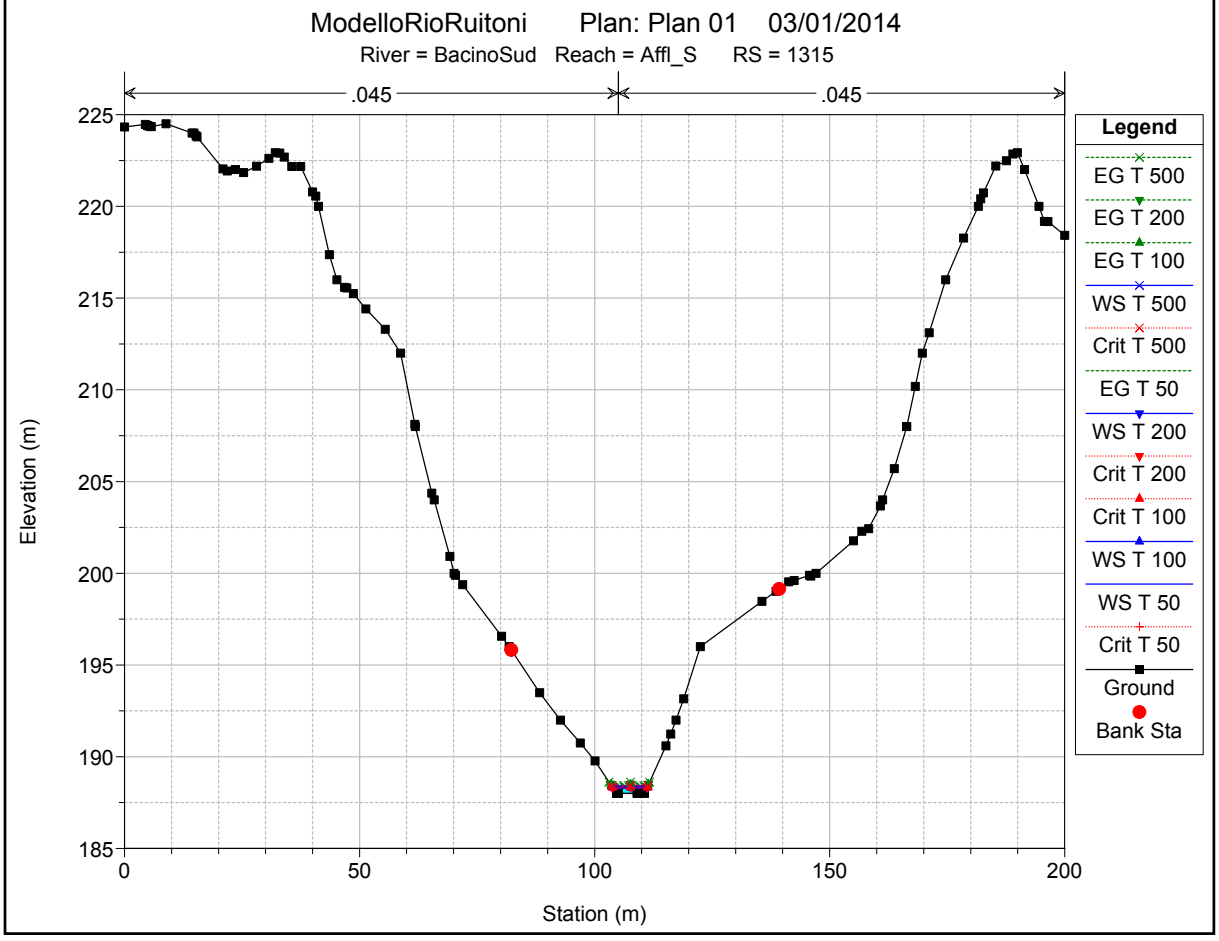
.045
.045
Elevation (m)
240
230
220
210
200
190
0
50
100
150
200
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
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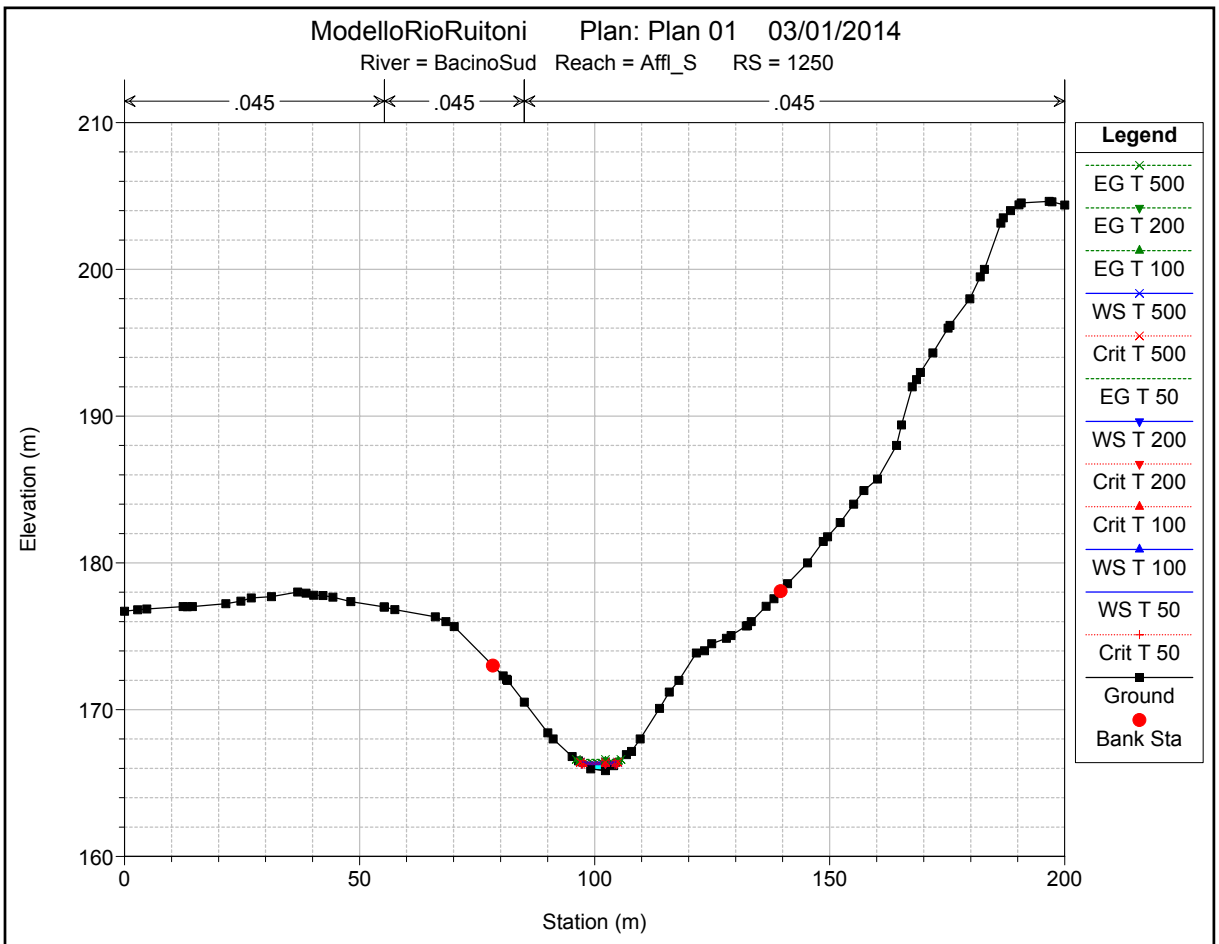
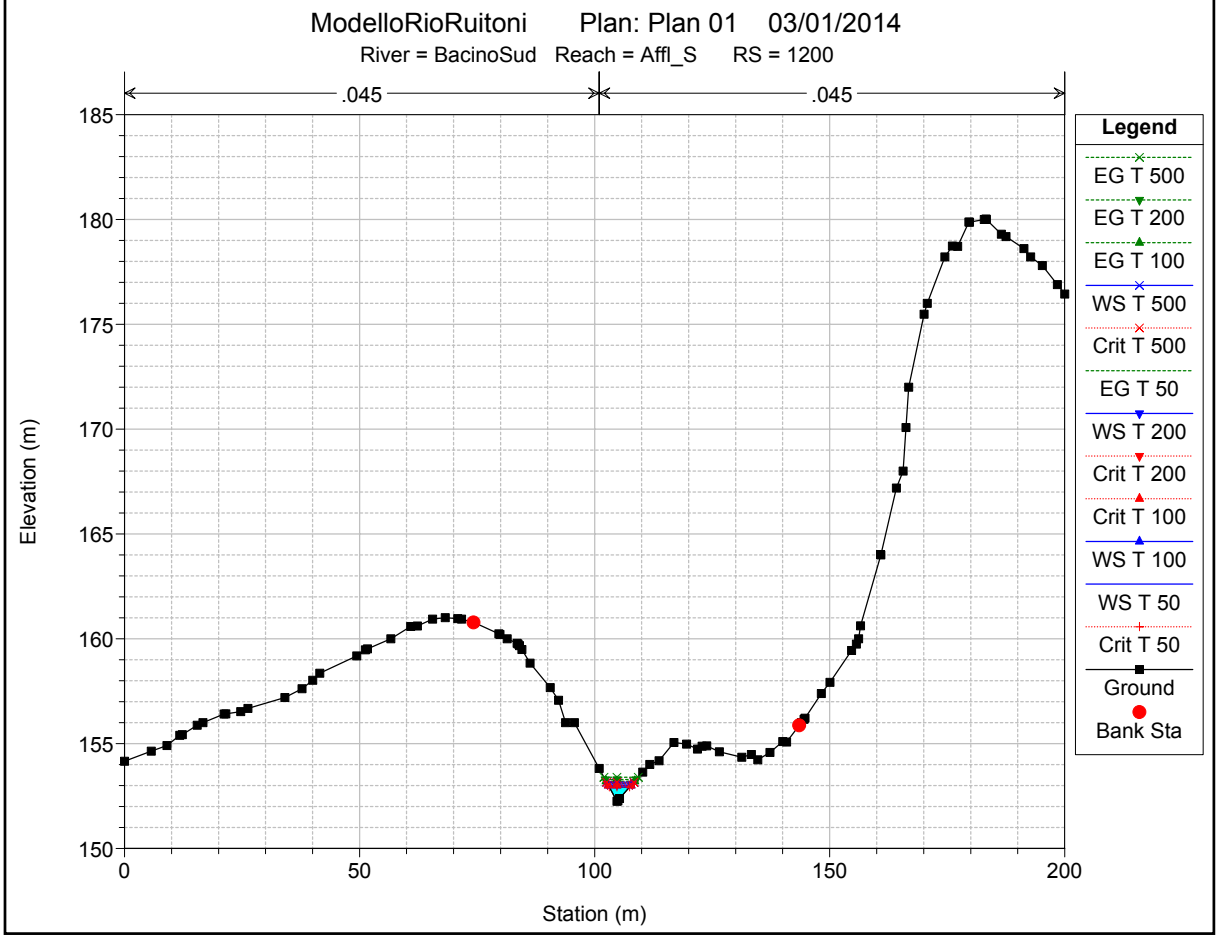
.045
.045
Elevation (m)
225
220
215
210
205
200
195
190
185
0
50
100
150
200
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 1250
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta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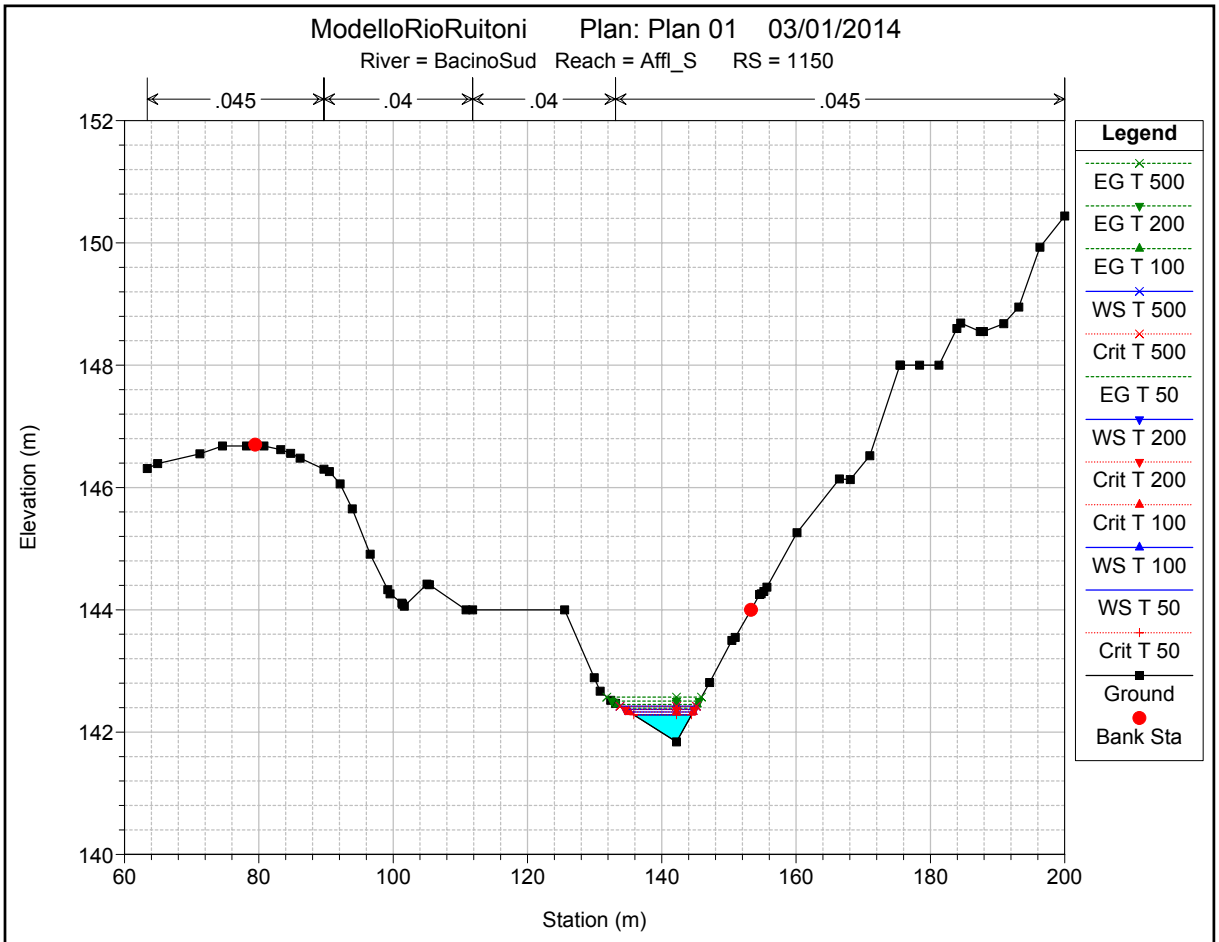
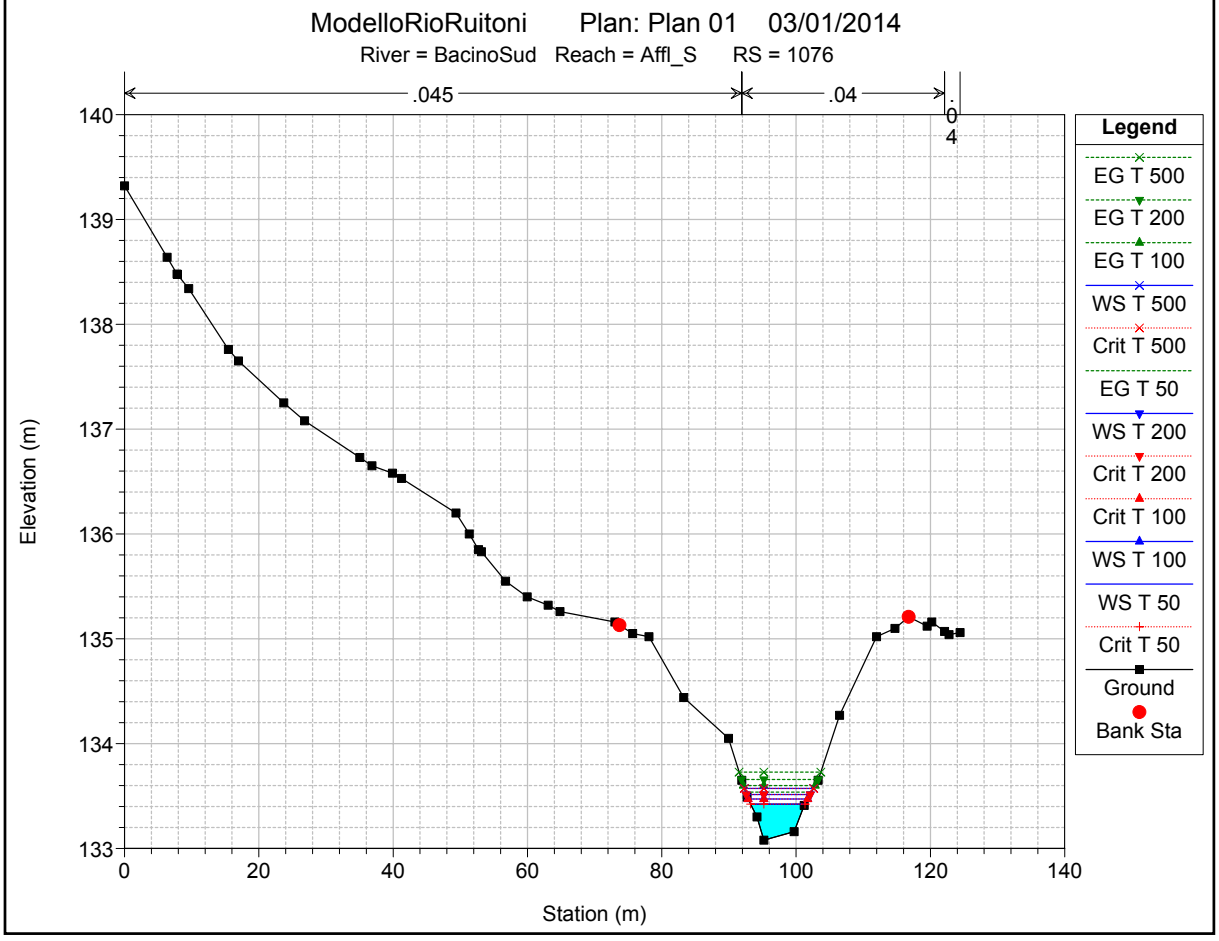
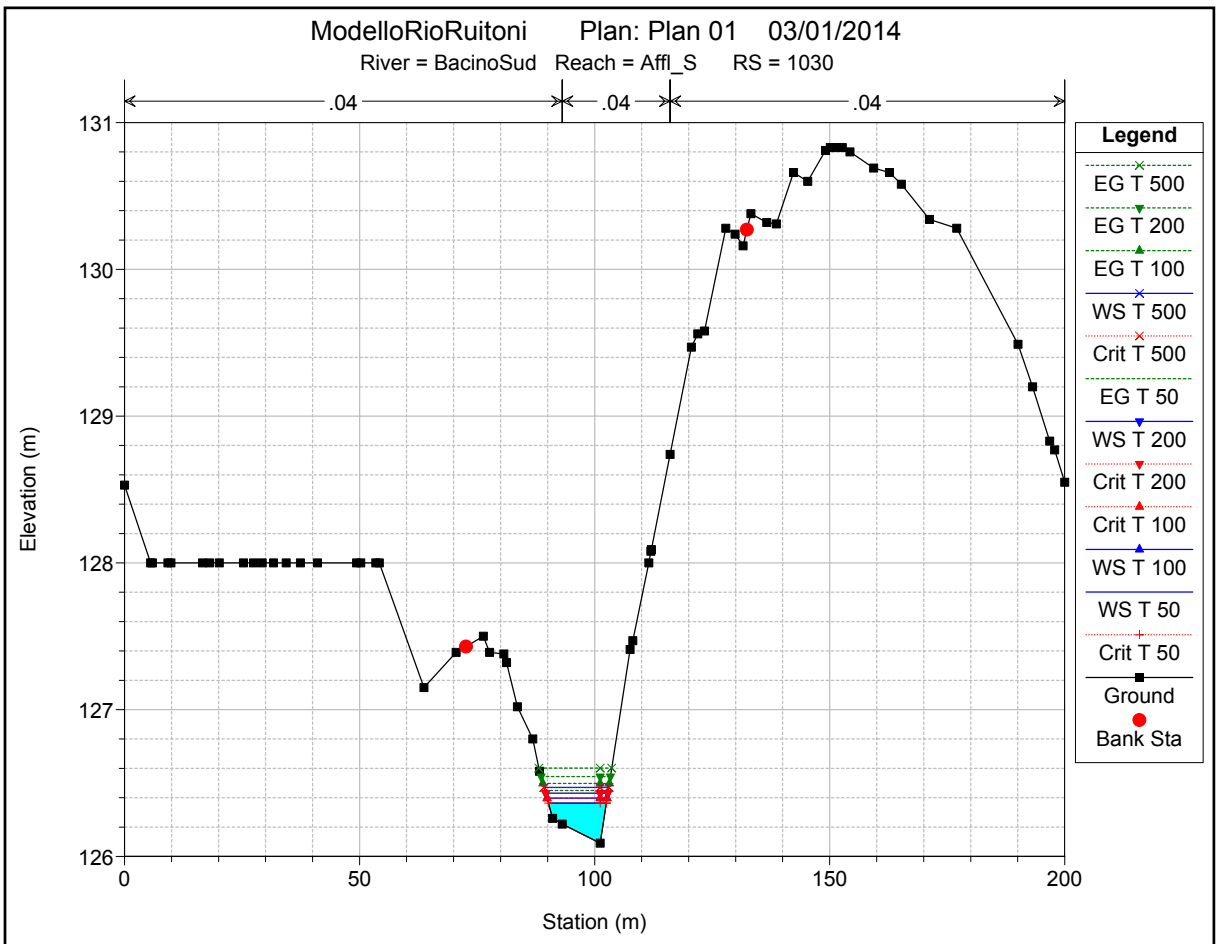
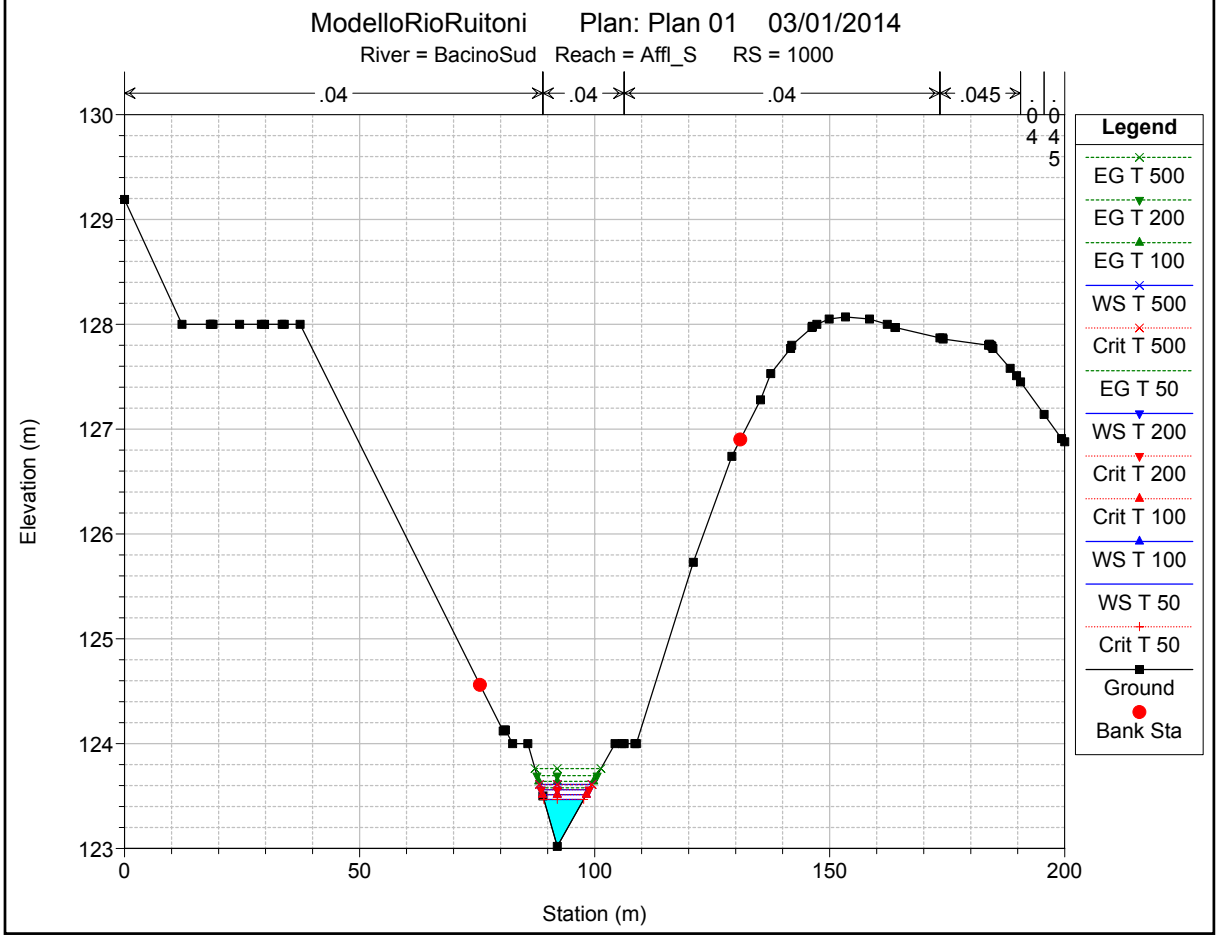
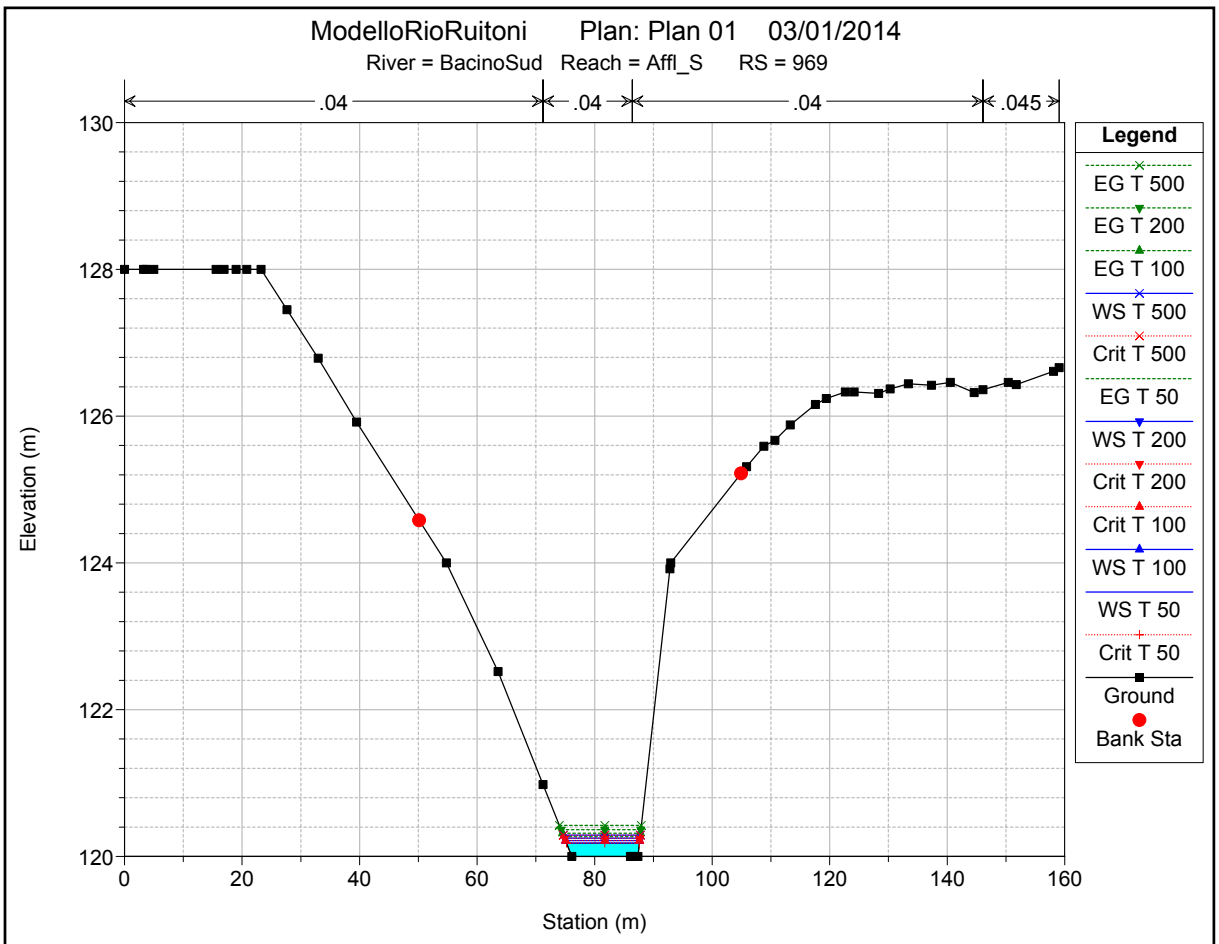
River = BacinoSud Reach = Affl_S RS = 1200
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

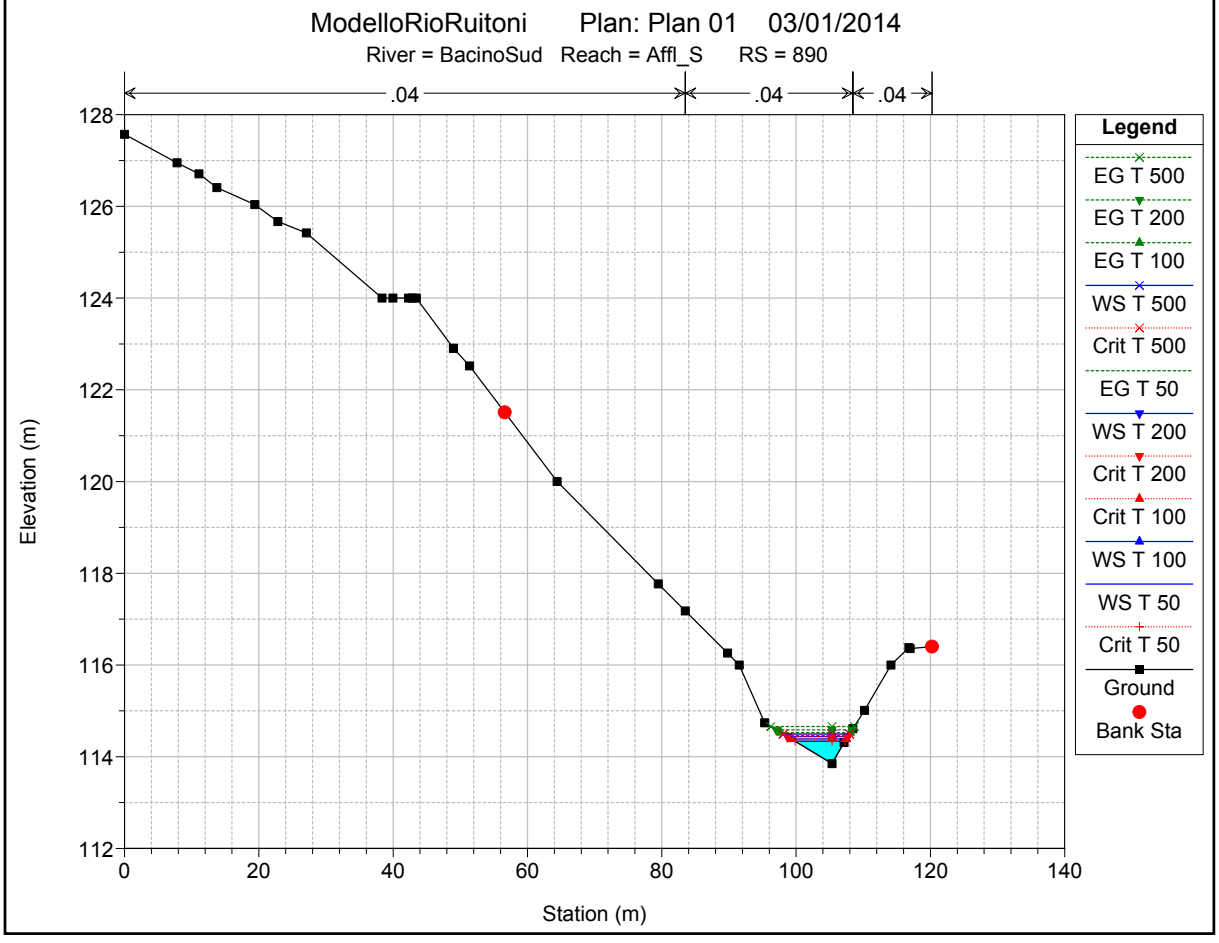

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 1150
.045
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

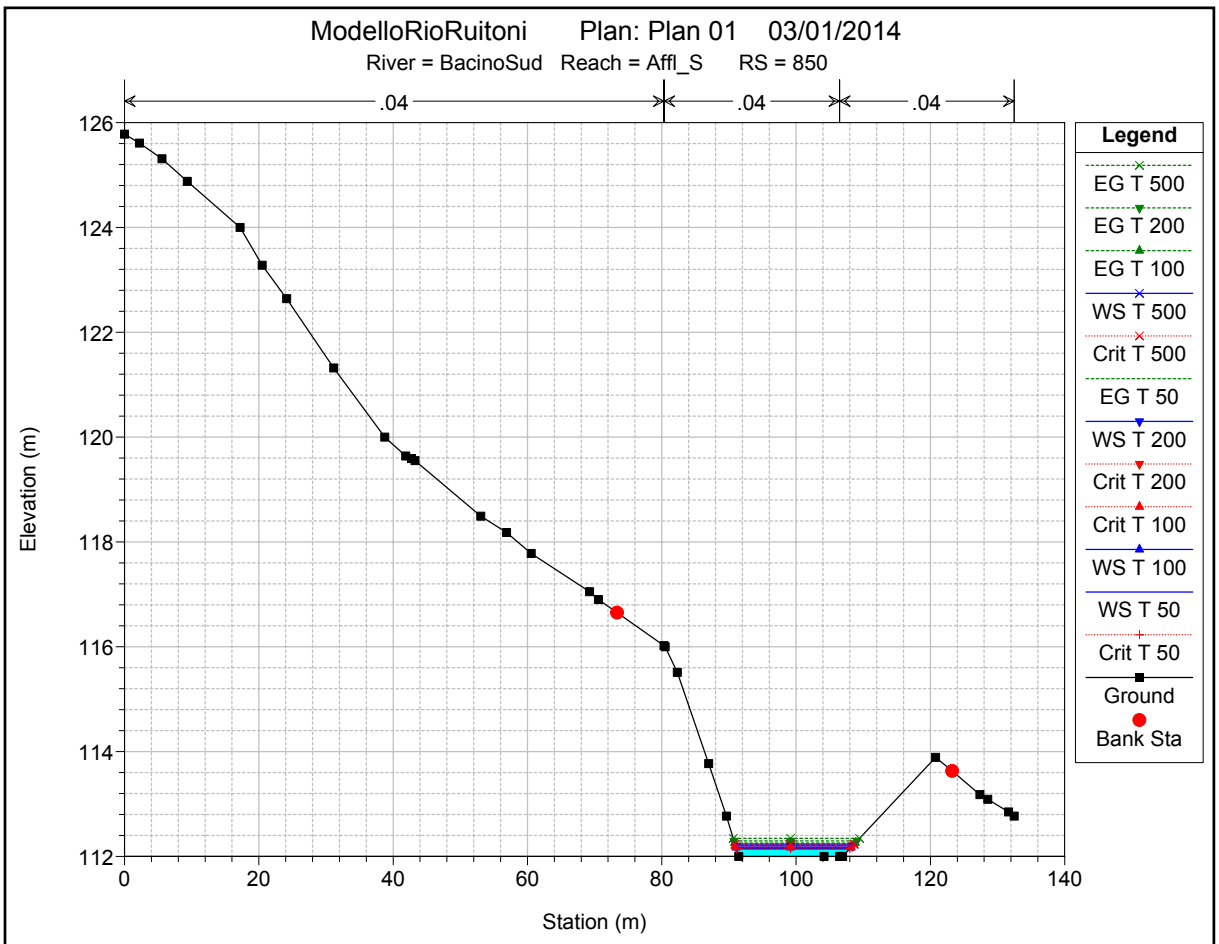

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 1076
.045
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

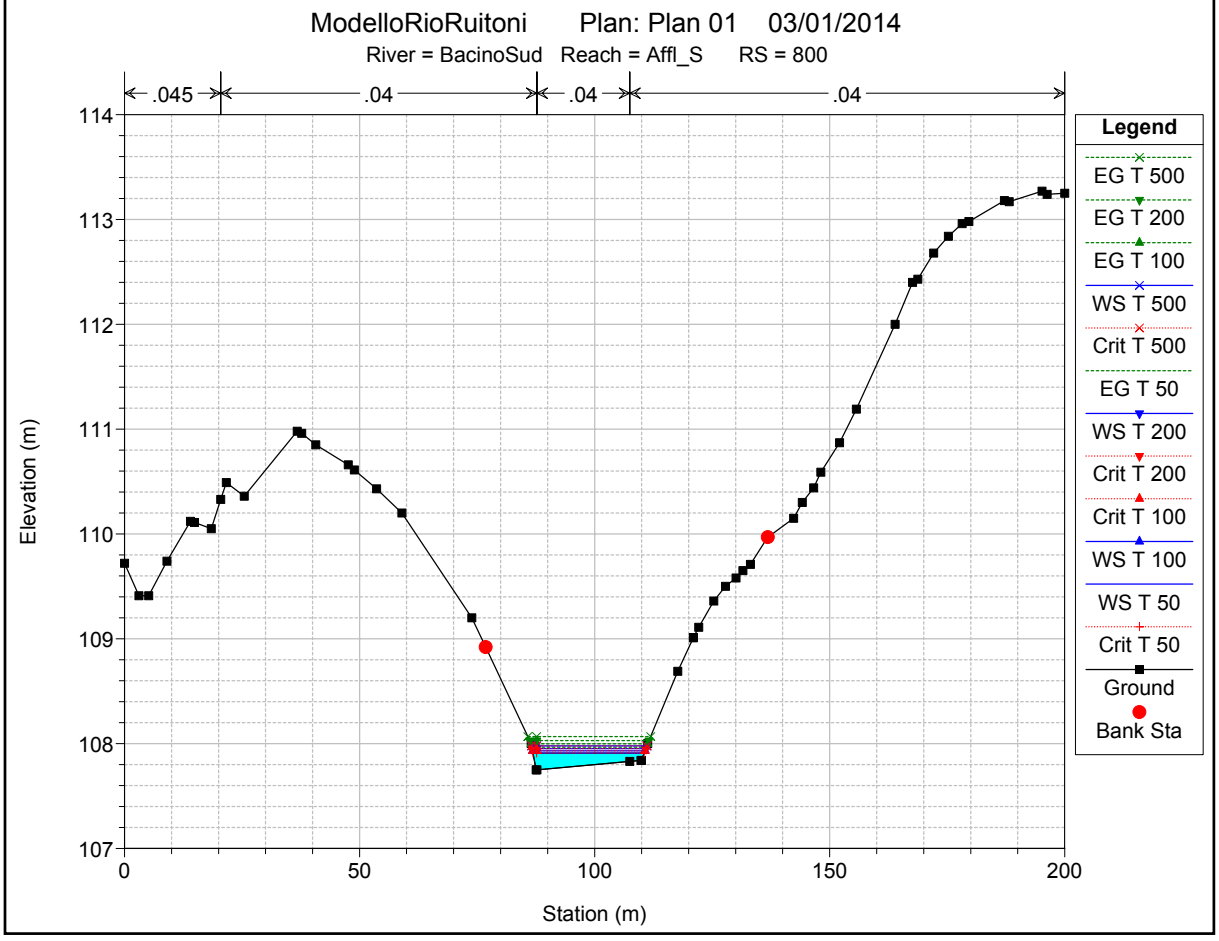

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 1030
.04
.04
.04
Elevation (m)
131
130
129
128
127
126
0
50
100
150
200
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

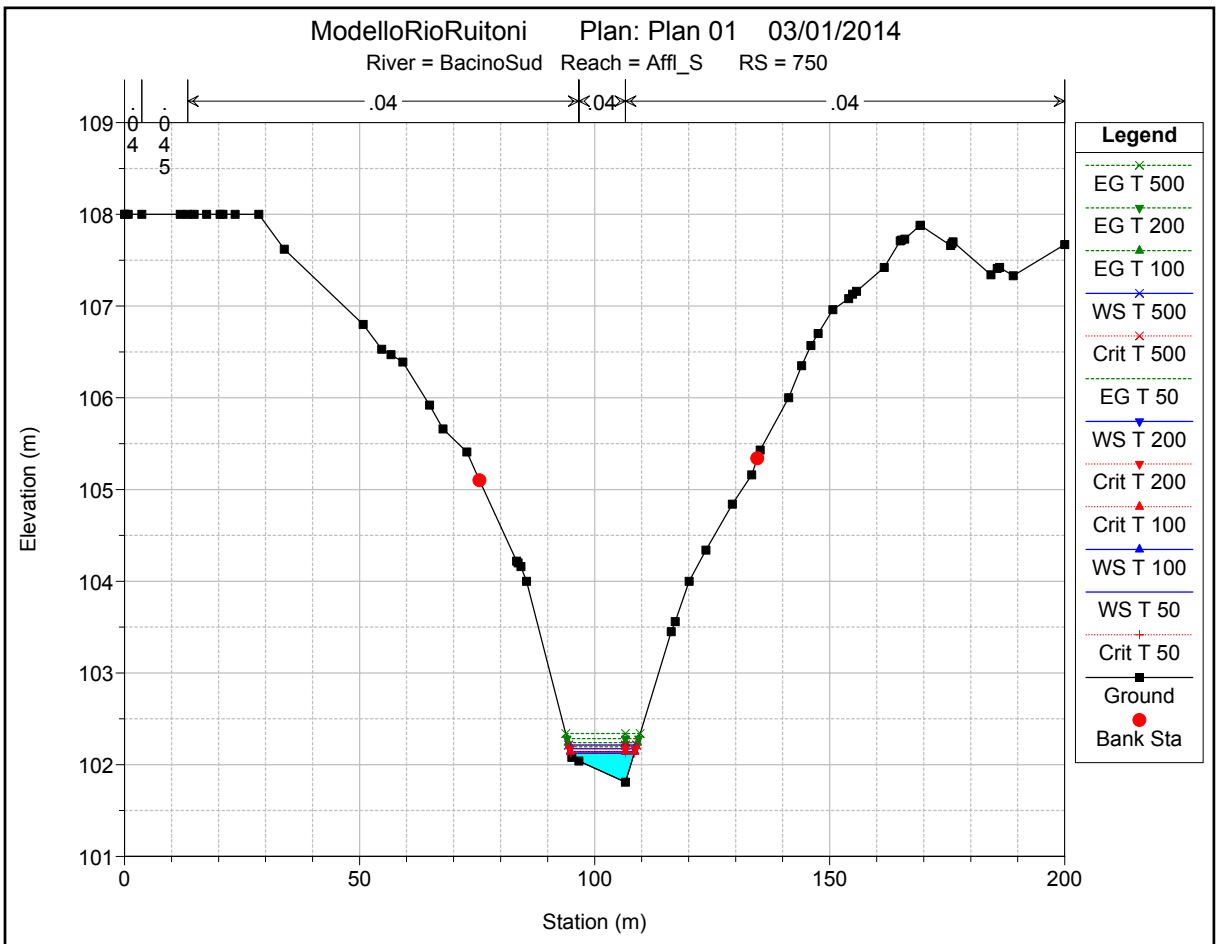

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 1000
.04
.04
.04
.045
.04
.045
Elevation (m)
130
129
128
127
126
125
124
123
0
50
100
150
200
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

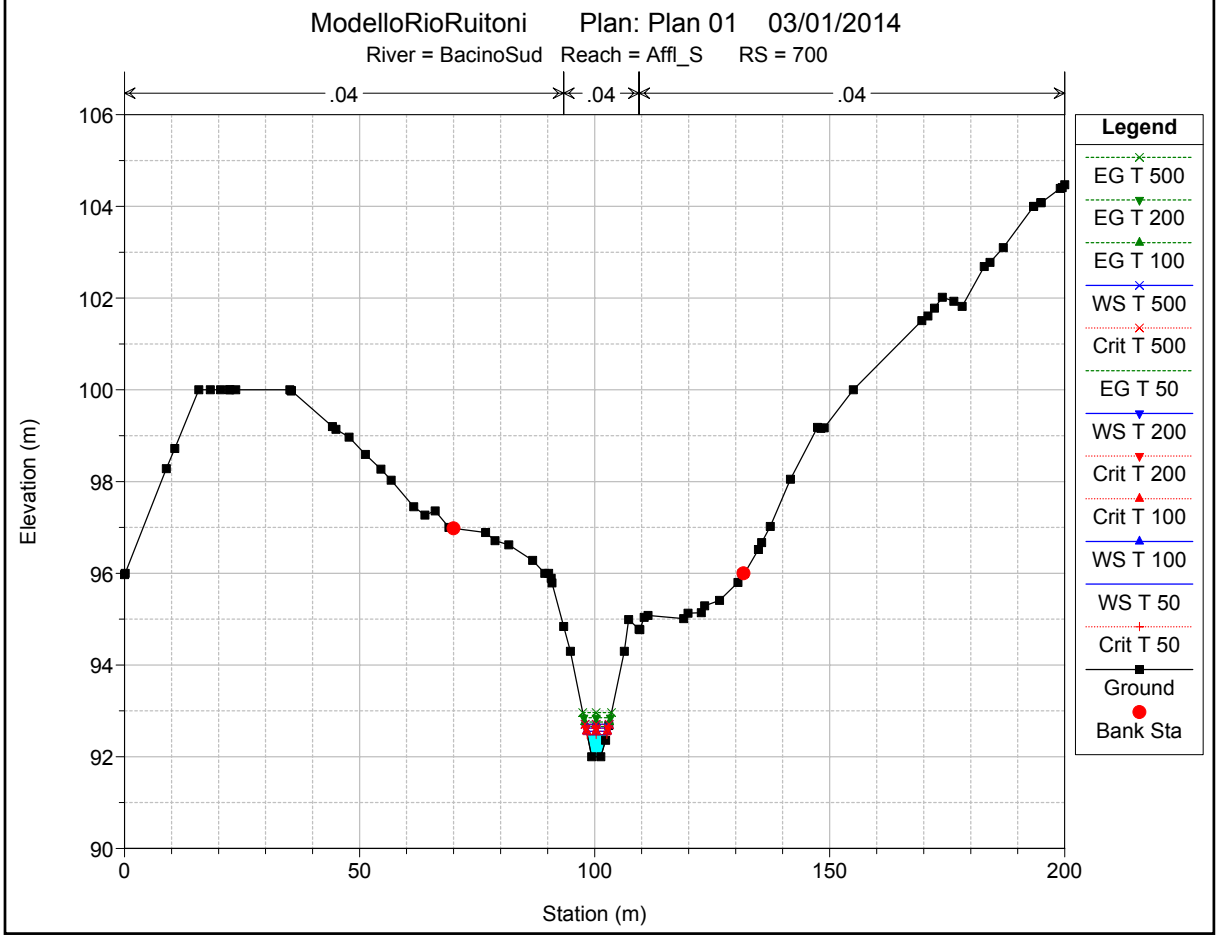

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 969
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

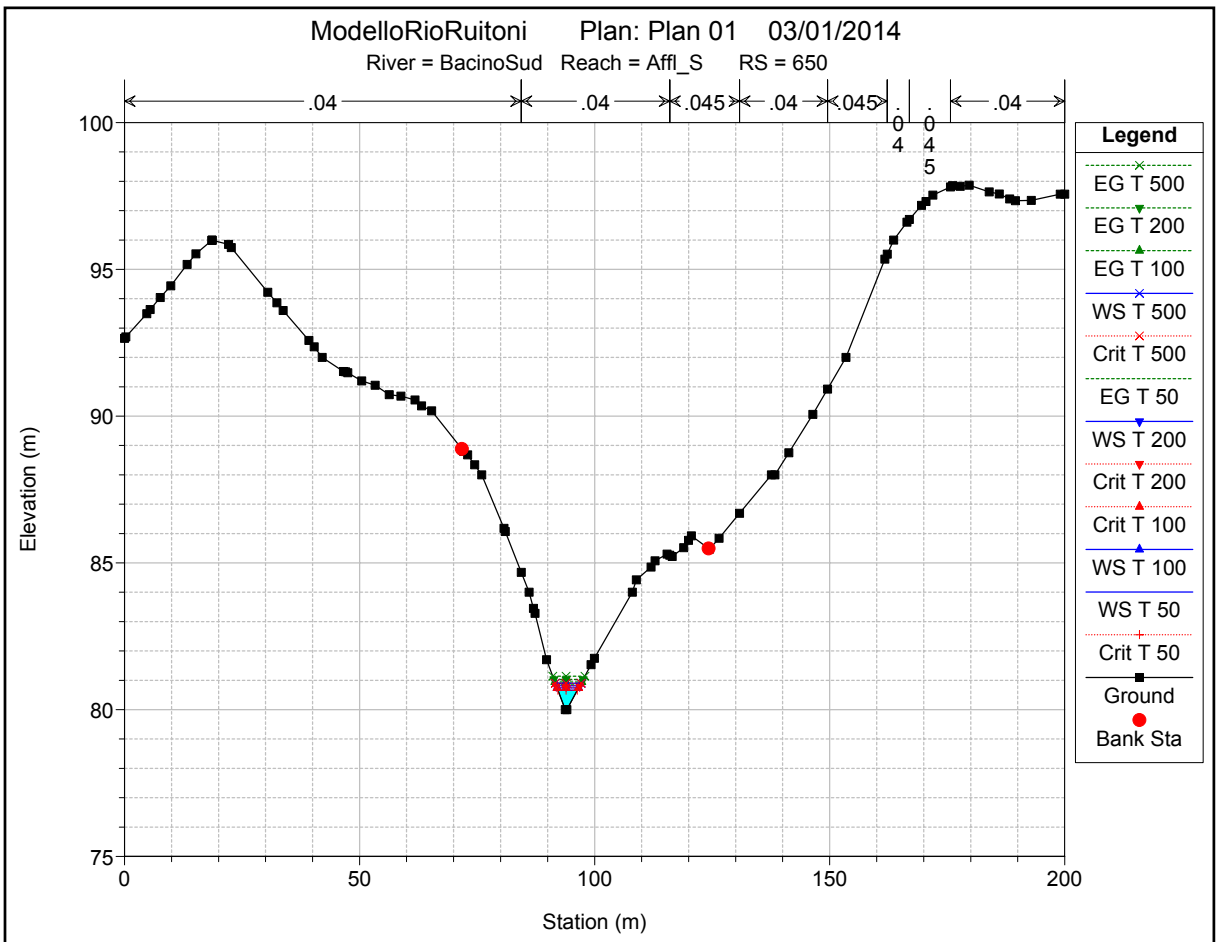

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 890
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

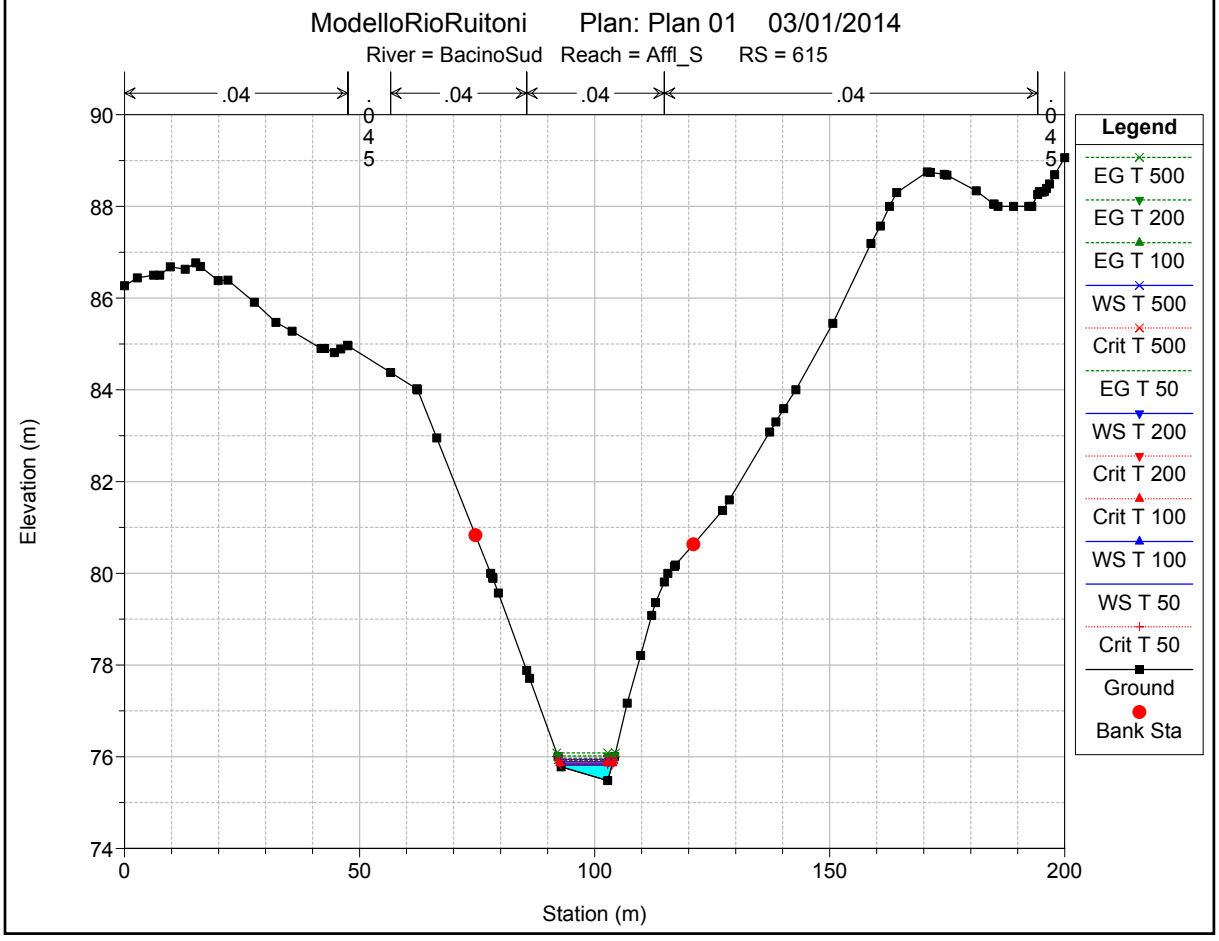

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 850
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

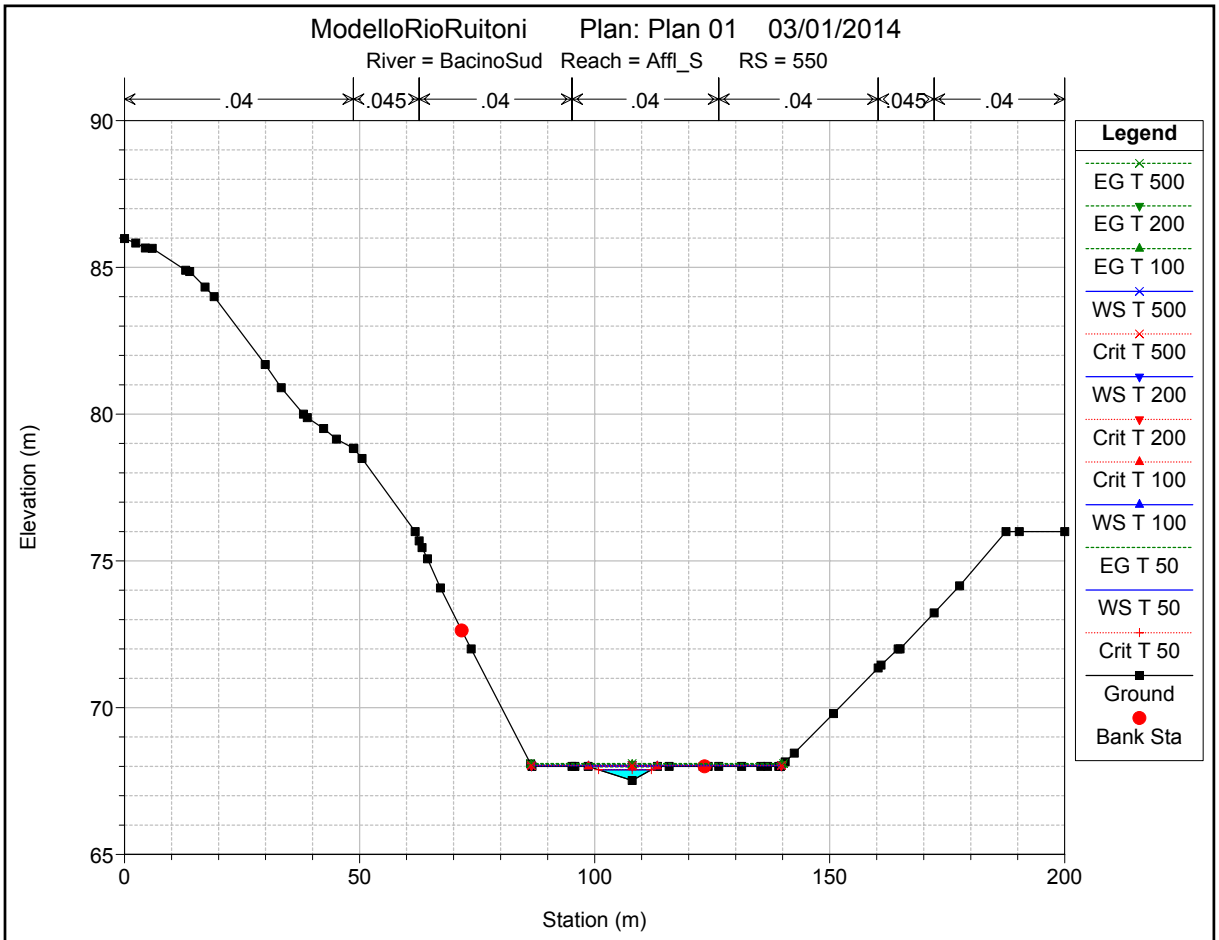

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 800
.045
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

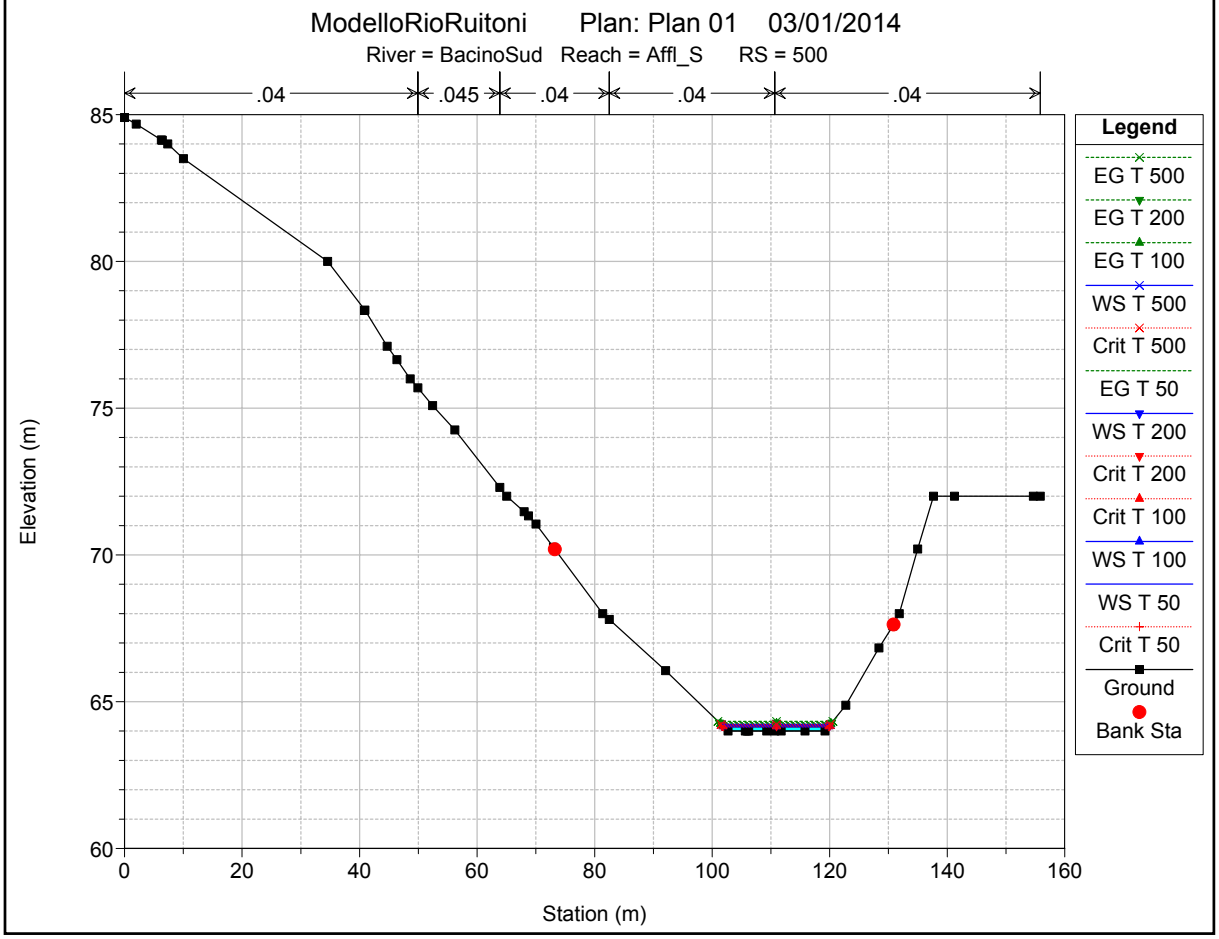

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 750
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

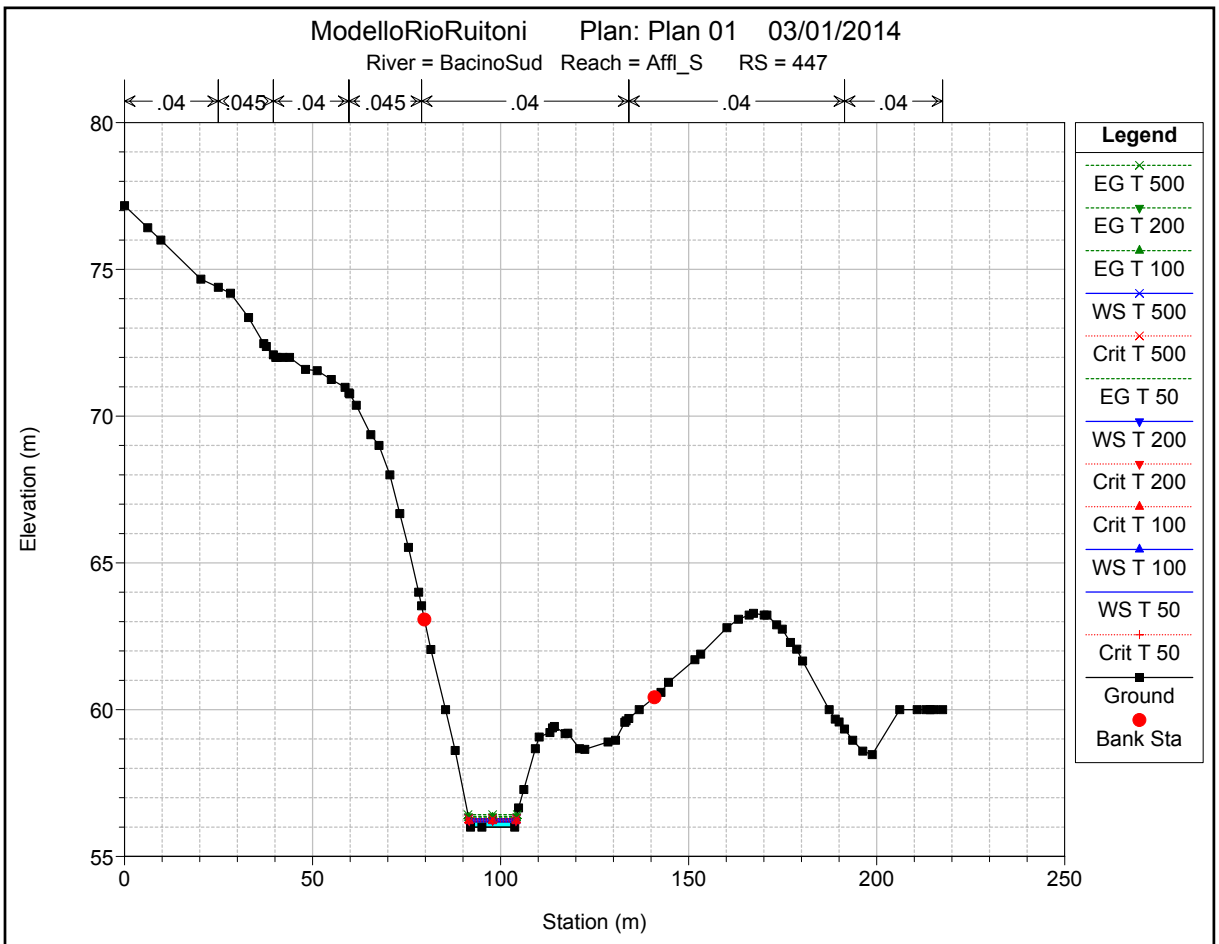

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 700
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

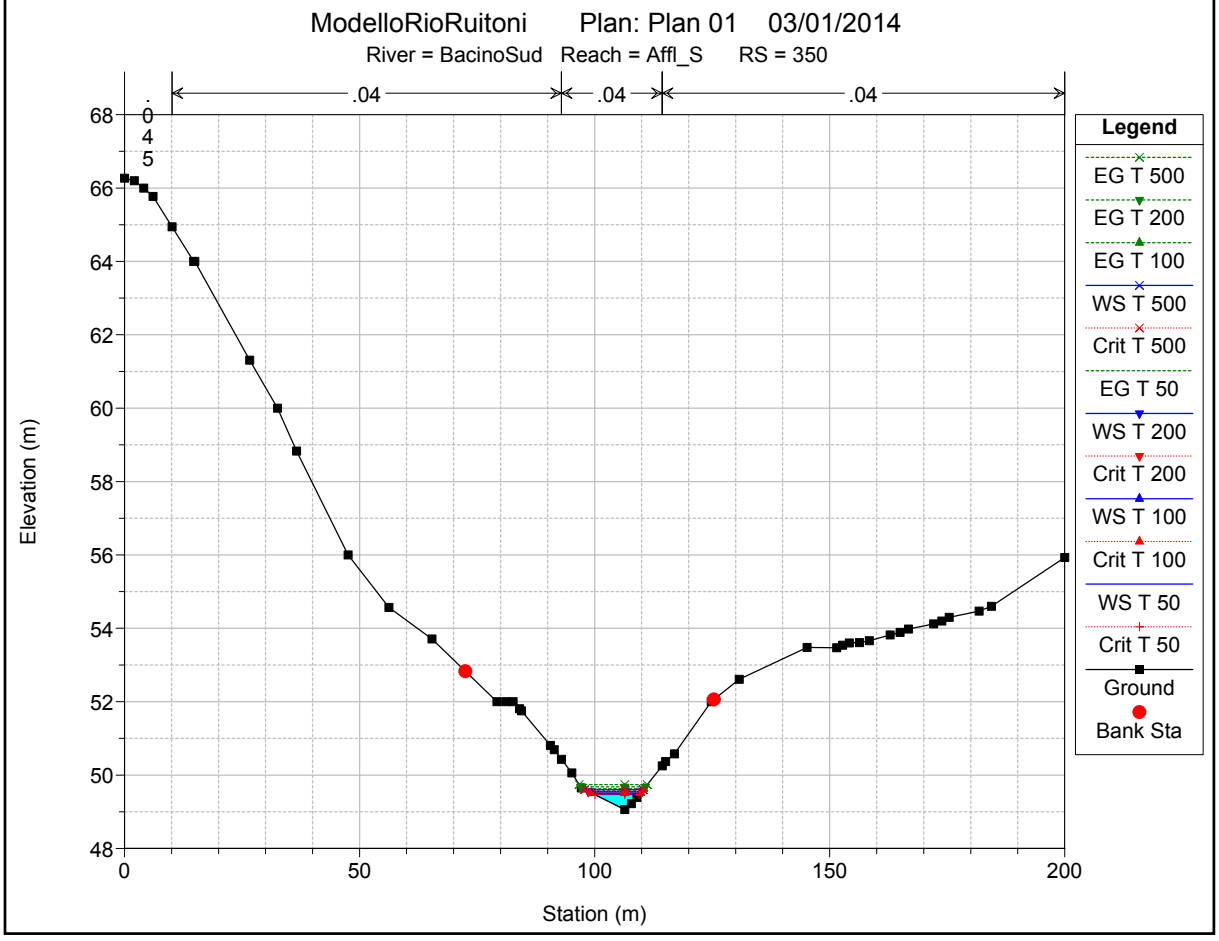

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 650
.04
.04
.045
.04
.045
.04
.04
.045
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
100
95
90
85
80
75
0
50
100
150
200

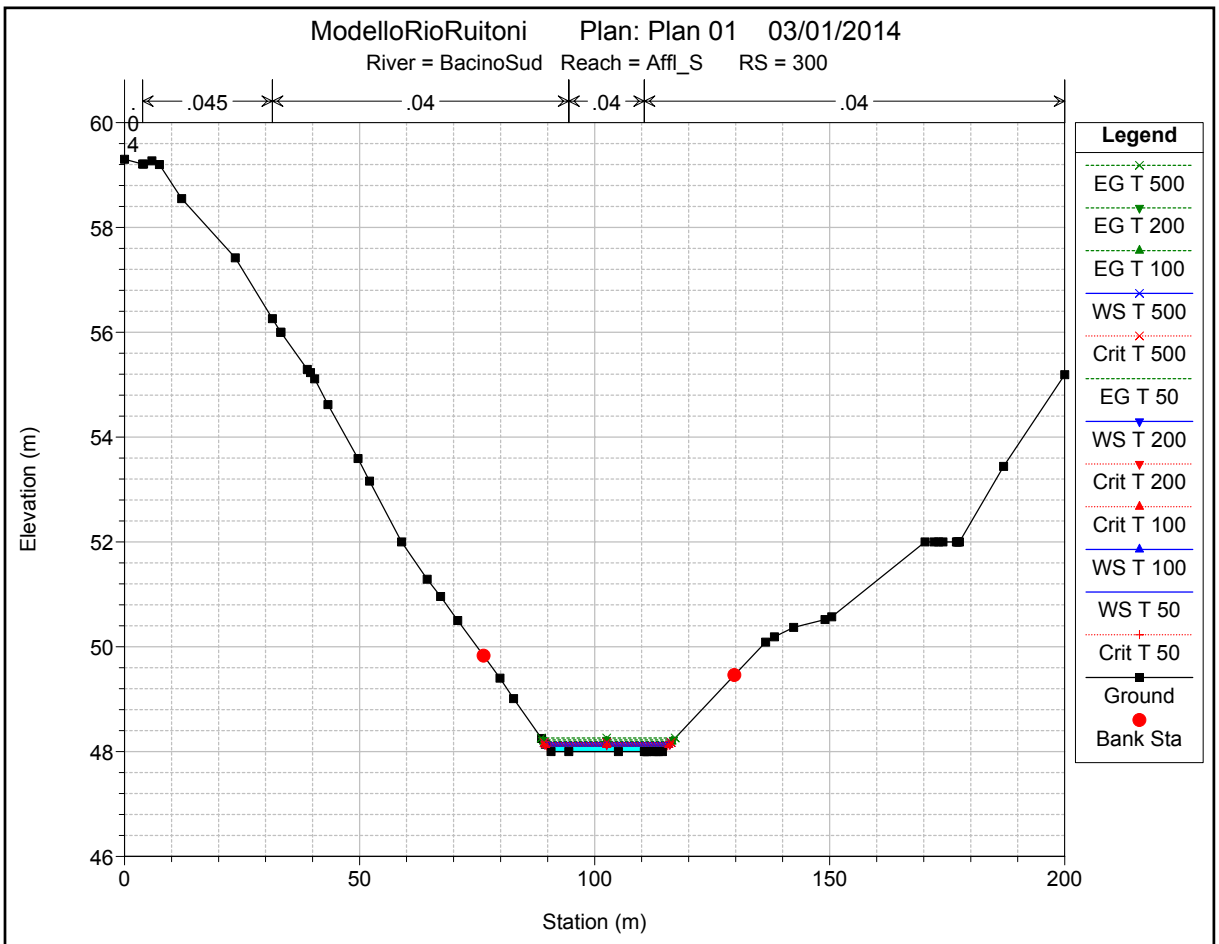

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 615
.04
.045
.04
.04
.04
.045
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
90
88
86
84
82
80
78
76
74
0
50
100
150
200

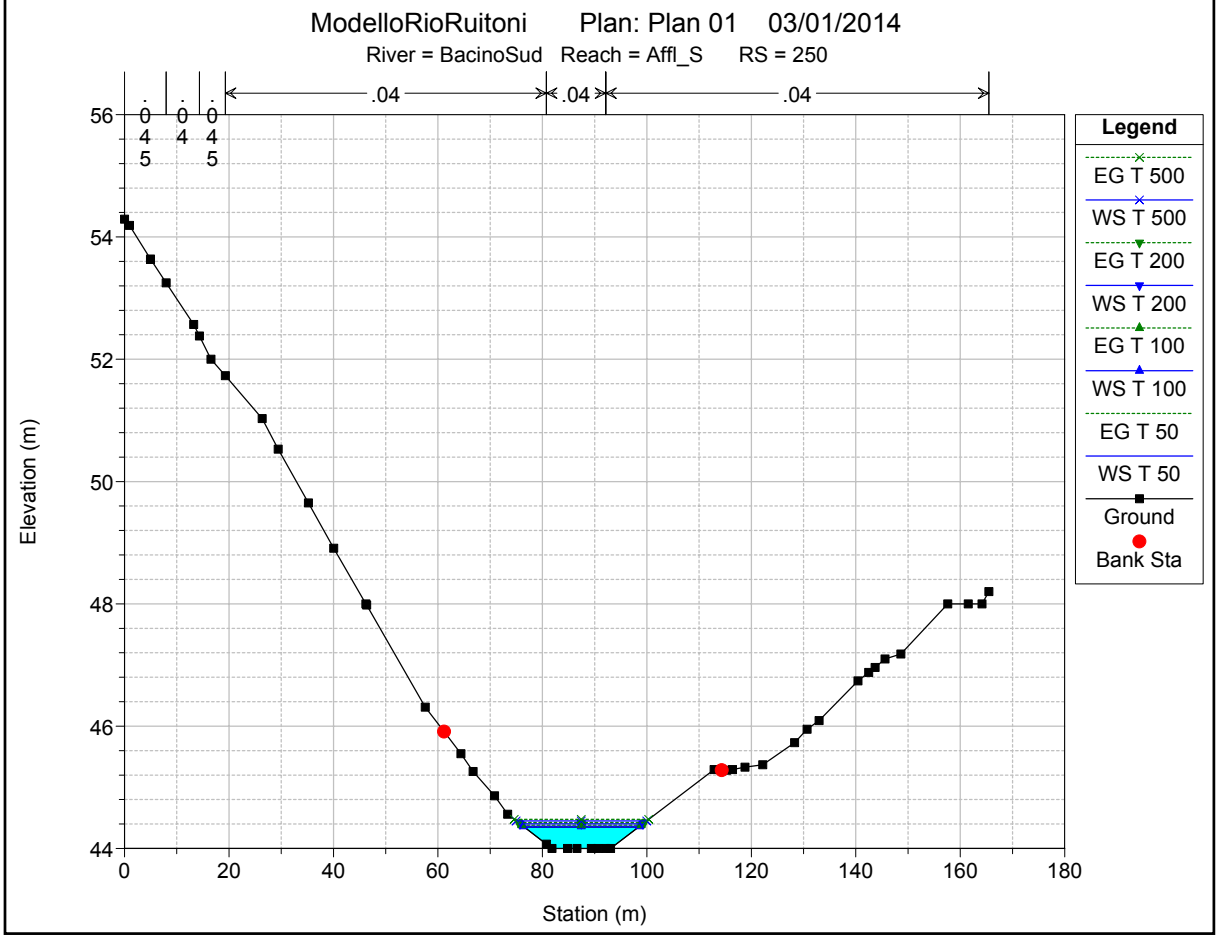

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 550
.04
.045
.04
.04
.04
.045
.04
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
WS T 200
Crit T 200
Crit T 100
WS T 100
EG T 50
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
90
85
80
75
70
65
0
50
100
150
200

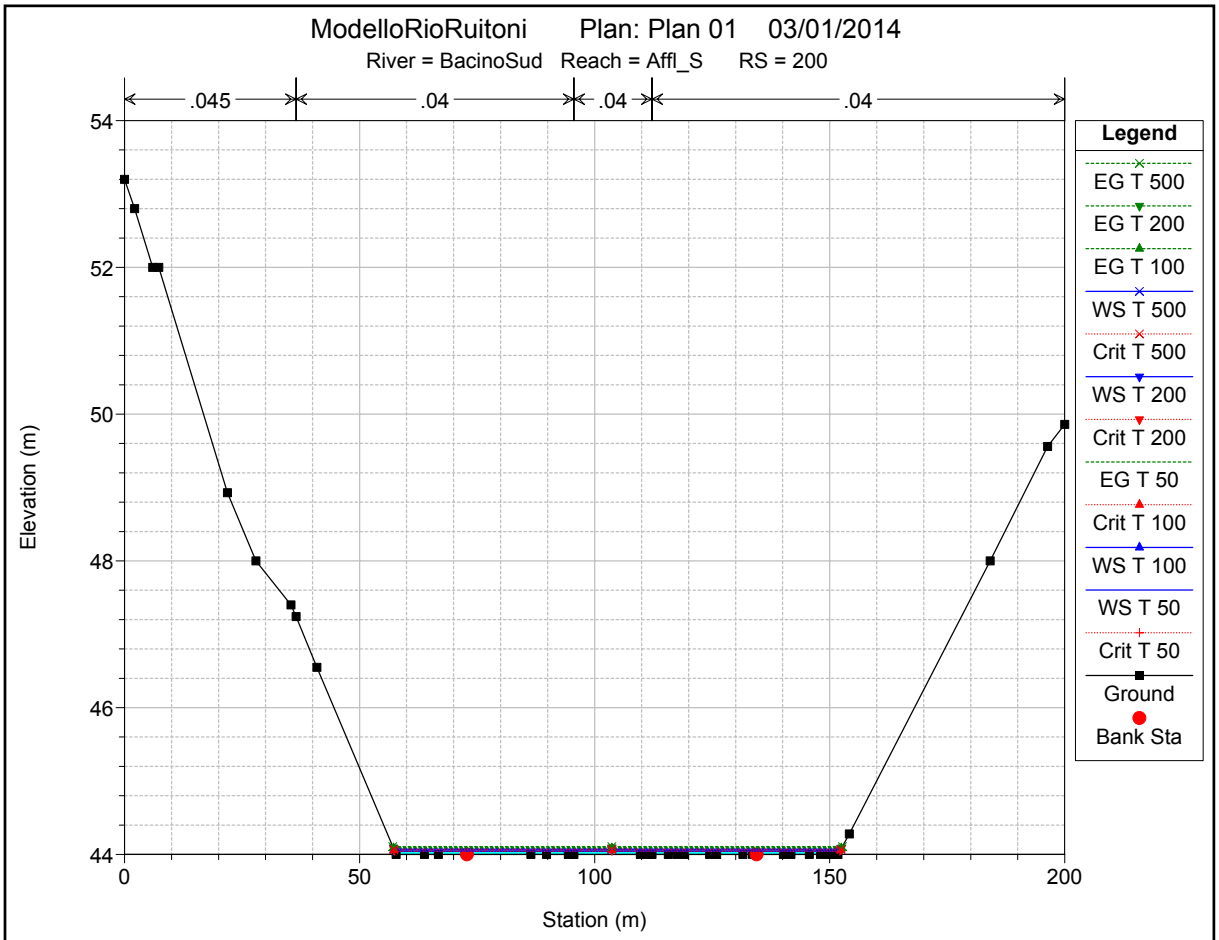

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 500
.04
.045
.04
.04
.04
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
85
80
75
70
65
60
0
20
40
60
80
100
120
140
160

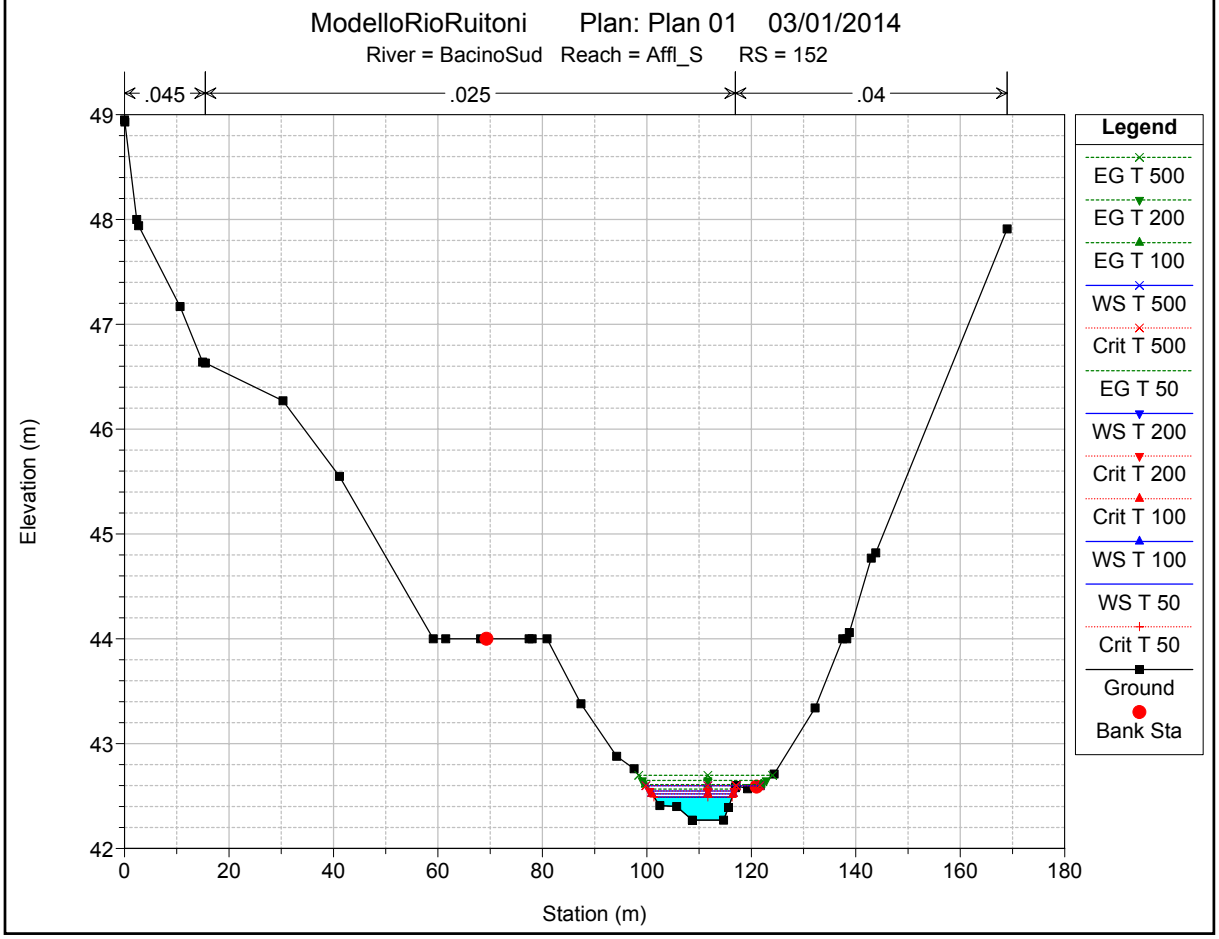

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 447
.04
.045
.04
.045
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 350
.04
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 300
.045
.04
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 250
.045
.04
.045
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 200
.045
.04
.04
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
WS T 200
Crit T 200
EG T 50
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSud Reach = Affl_S RS = 152
.045
.025
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

HEC-RAS Plan: Plan 01 River: BacinoSud Reach: Affl_S

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)	
Affl_S	1450	T 50	2.80	223.74	224.34	224.34	224.50	0.031785	1.73	1.62	5.44	1.01
Affl_S	1450	T 100	3.62	223.74	224.41	224.41	224.58	0.030974	1.83	1.98	6.02	1.02
Affl_S	1450	T 200	4.49	223.74	224.47	224.47	224.65	0.029720	1.90	2.36	6.58	1.01
Affl_S	1450	T 500	5.70	223.74	224.54	224.54	224.74	0.028947	2.00	2.85	7.24	1.02
Affl_S	1400	T 50	2.80	210.00	210.46	210.46	210.57	0.032745	1.49	1.88	8.17	0.99
Affl_S	1400	T 100	3.62	210.00	210.50	210.50	210.63	0.032768	1.62	2.24	8.68	1.01
Affl_S	1400	T 200	4.49	210.00	210.55	210.55	210.69	0.030797	1.69	2.65	9.13	1.00
Affl_S	1400	T 500	5.70	210.00	210.60	210.60	210.77	0.030331	1.82	3.13	9.56	1.01
Affl_S	1350	T 50	2.80	197.18	197.72	197.72	197.86	0.032155	1.67	1.68	6.08	1.01
Affl_S	1350	T 100	3.62	197.18	197.78	197.78	197.94	0.029923	1.73	2.09	6.78	1.00
Affl_S	1350	T 200	4.49	197.18	197.83	197.83	198.01	0.030204	1.83	2.45	7.34	1.01
Affl_S	1350	T 500	5.70	197.18	197.90	197.90	198.09	0.028416	1.94	2.94	7.77	1.00
Affl_S	1315	T 50	2.80	188.00	188.27	188.27	188.40	0.032502	1.57	1.78	7.13	1.00
Affl_S	1315	T 100	3.62	188.00	188.32	188.32	188.47	0.030595	1.69	2.14	7.35	1.00
Affl_S	1315	T 200	4.49	188.00	188.37	188.37	188.53	0.029474	1.80	2.50	7.55	1.00
Affl_S	1315	T 500	5.70	188.00	188.43	188.43	188.62	0.028657	1.93	2.95	7.81	1.00
Affl_S	1250	T 50	2.80	165.85	166.25	166.25	166.39	0.031632	1.62	1.73	6.54	1.00
Affl_S	1250	T 100	3.62	165.85	166.31	166.31	166.46	0.030753	1.73	2.09	6.98	1.01
Affl_S	1250	T 200	4.49	165.85	166.36	166.36	166.53	0.029815	1.82	2.46	7.41	1.01
Affl_S	1250	T 500	5.70	165.85	166.42	166.42	166.61	0.028743	1.93	2.95	7.94	1.01
Affl_S	1200	T 50	2.80	152.25	152.93	152.93	153.11	0.031181	1.87	1.50	4.35	1.01
Affl_S	1200	T 100	3.62	152.25	153.01	153.01	153.20	0.030150	1.96	1.84	4.82	1.01
Affl_S	1200	T 200	4.49	152.25	153.08	153.08	153.29	0.028526	2.03	2.21	5.28	1.00
Affl_S	1200	T 500	5.70	152.25	153.16	153.16	153.39	0.028324	2.15	2.65	5.79	1.01
Affl_S	1150	T 50	2.80	141.84	142.28	142.28	142.39	0.033365	1.48	1.90	8.60	1.00
Affl_S	1150	T 100	3.62	141.84	142.33	142.33	142.45	0.032422	1.56	2.33	9.53	1.01
Affl_S	1150	T 200	4.49	141.84	142.37	142.37	142.51	0.032170	1.64	2.74	10.34	1.02
Affl_S	1150	T 500	5.70	141.84	142.42	142.42	142.57	0.031115	1.72	3.32	11.38	1.01
Affl_S	1076	T 50	2.80	133.08	133.42	133.42	133.54	0.025666	1.50	1.87	8.10	1.00
Affl_S	1076	T 100	3.62	133.08	133.47	133.47	133.60	0.024855	1.58	2.29	8.91	1.00
Affl_S	1076	T 200	4.49	133.08	133.51	133.51	133.66	0.024665	1.68	2.68	9.54	1.01
Affl_S	1076	T 500	5.70	133.08	133.57	133.57	133.73	0.023196	1.75	3.25	10.31	1.00
Affl_S	1030	T 50	2.80	126.09	126.36	126.36	126.45	0.026249	1.30	2.15	12.31	1.00
Affl_S	1030	T 100	3.62	126.09	126.40	126.40	126.50	0.025177	1.40	2.58	12.77	1.00
Affl_S	1030	T 200	4.49	126.09	126.43	126.43	126.54	0.024324	1.49	3.01	13.23	1.00
Affl_S	1030	T 500	5.70	126.09	126.47	126.47	126.60	0.024008	1.61	3.55	13.77	1.01
Affl_S	1000	T 50	2.80	123.02	123.47	123.47	123.58	0.025893	1.48	1.90	8.47	1.00
Affl_S	1000	T 100	3.62	123.02	123.51	123.51	123.64	0.025542	1.57	2.30	9.34	1.01
Affl_S	1000	T 200	4.49	123.02	123.56	123.56	123.69	0.023563	1.63	2.76	10.22	1.00
Affl_S	1000	T 500	5.70	123.02	123.61	123.61	123.76	0.023148	1.73	3.30	11.18	1.01
Affl_S	969	T 50	2.80	120.00	120.18	120.18	120.27	0.028277	1.30	2.15	12.40	1.00
Affl_S	969	T 100	3.62	120.00	120.22	120.22	120.32	0.026856	1.41	2.57	12.62	1.00
Affl_S	969	T 200	4.49	120.00	120.25	120.25	120.36	0.025743	1.51	2.98	12.82	1.00
Affl_S	969	T 500	5.70	120.00	120.29	120.29	120.42	0.024520	1.62	3.52	13.09	1.00
Affl_S	890	T 50	2.80	113.85	114.34	114.34	114.46	0.025296	1.54	1.82	7.43	1.00
Affl_S	890	T 100	3.62	113.85	114.39	114.39	114.53	0.025461	1.65	2.20	8.20	1.02
Affl_S	890	T 200	4.49	113.85	114.44	114.44	114.59	0.023998	1.70	2.64	9.01	1.00
Affl_S	890	T 500	5.70	113.85	114.50	114.50	114.66	0.023903	1.80	3.17	9.88	1.01
Affl_S	850	T 50	2.80	112.00	112.15	112.15	112.22	0.029896	1.18	2.38	16.89	1.00
Affl_S	850	T 100	3.62	112.00	112.17	112.17	112.26	0.028144	1.27	2.84	17.15	1.00
Affl_S	850	T 200	4.49	112.00	112.20	112.20	112.30	0.026897	1.36	3.30	17.41	1.00
Affl_S	850	T 500	5.70	112.00	112.23	112.23	112.34	0.025629	1.47	3.89	17.73	1.00
Affl_S	800	T 50	2.80	107.75	107.91	107.91	107.97	0.032315	1.06	2.65	23.66	1.01
Affl_S	800	T 100	3.62	107.75	107.93	107.93	108.00	0.029910	1.14	3.18	23.94	1.00
Affl_S	800	T 200	4.49	107.75	107.95	107.95	108.03	0.029048	1.23	3.66	24.19	1.01
Affl_S	800	T 500	5.70	107.75	107.98	107.98	108.07	0.027621	1.32	4.32	24.52	1.00
Affl_S	750	T 50	2.80	101.81	102.12	102.12	102.20	0.020954	1.18	2.37	13.47	0.90
Affl_S	750	T 100	3.62	101.81	102.14	102.14	102.24	0.025707	1.38	2.62	13.68	1.01
Affl_S	750	T 200	4.49	101.81	102.17	102.17	102.28	0.024859	1.47	3.05	14.02	1.01
Affl_S	750	T 500	5.70	101.81	102.21	102.21	102.34	0.023509	1.57	3.62	14.46	1.00
Affl_S	700	T 50	2.80	92.00	92.48	92.48	92.66	0.023489	1.87	1.50	4.19	1.00
Affl_S	700	T 100	3.62	92.00	92.55	92.55	92.76	0.023117	2.00	1.81	4.48	1.01
Affl_S	700	T 200	4.49	92.00	92.62	92.62	92.85	0.022430	2.11	2.13	4.77	1.01
Affl_S	700	T 500	5.70	92.00	92.71	92.71	92.96	0.021766	2.23	2.55	5.12	1.01
Affl_S	650	T 50	2.80	80.00	80.66	80.66	80.85	0.024393	1.90	1.47	4.12	1.01
Affl_S	650	T 100	3.62	80.00	80.74	80.74	80.94	0.023586	2.00	1.81	4.56	1.01
Affl_S	650	T 200	4.49	80.00	80.81	80.81	81.03	0.022943	2.09	2.15	4.97	1.01
Affl_S	650	T 500	5.70	80.00	80.90	80.90	81.14	0.022228	2.19	2.60	5.46	1.01
Affl_S	615	T 50	2.80	75.48	75.82	75.82	75.92	0.028367	1.37	2.05	10.98	1.01
Affl_S	615	T 100	3.62	75.48	75.86	75.86	75.97	0.025944	1.46	2.47	11.21	0.99

HEC-RAS Plan: Plan 01 River: BacinoSud Reach: Affl_S (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)	
Affl_S	615	T 200	4.49	75.48	75.89	75.89	76.02	0.025967	1.58	2.83	11.39	1.01
Affl_S	615	T 500	5.70	75.48	75.94	75.94	76.08	0.023810	1.68	3.39	11.68	1.00
Affl_S	550	T 50	2.80	67.52	67.89	67.89	67.98	0.028476	1.36	2.06	11.25	1.01
Affl_S	550	T 100	3.62	67.52	68.00	68.00	68.05	0.011665	1.04	3.49	14.65	0.68
Affl_S	550	T 200	4.49	67.52	68.03	68.03	68.07	0.020482	0.98	4.87	53.12	0.90
Affl_S	550	T 500	5.70	67.52	68.03	68.03	68.10	0.027558	1.16	5.23	53.19	1.04
Affl_S	500	T 50	2.80	64.00	64.14	64.14	64.21	0.030526	1.15	2.43	17.81	1.00
Affl_S	500	T 100	3.62	64.00	64.17	64.17	64.25	0.028871	1.25	2.89	18.05	1.00
Affl_S	500	T 200	4.49	64.00	64.19	64.19	64.28	0.027598	1.34	3.35	18.29	1.00
Affl_S	500	T 500	5.70	64.00	64.23	64.23	64.33	0.026304	1.44	3.95	18.58	1.00
Affl_S	447	T 50	2.80	56.00	56.18	56.18	56.27	0.028329	1.31	2.15	12.31	1.00
Affl_S	447	T 100	3.62	56.00	56.21	56.21	56.31	0.029459	1.46	2.48	12.40	1.04
Affl_S	447	T 200	4.49	56.00	56.24	56.24	56.36	0.025883	1.52	2.95	12.52	1.00
Affl_S	447	T 500	5.70	56.00	56.28	56.28	56.42	0.024473	1.64	3.48	12.65	1.00
Affl_S	350	T 50	2.80	49.06	49.48	49.46	49.57	0.022055	1.33	2.10	9.77	0.91
Affl_S	350	T 100	3.62	49.06	49.51	49.51	49.63	0.025161	1.49	2.43	10.47	0.99
Affl_S	350	T 200	4.49	49.06	49.55	49.55	49.68	0.024744	1.57	2.87	11.35	1.00
Affl_S	350	T 500	5.70	49.06	49.60	49.60	49.74	0.024088	1.65	3.46	12.45	1.00
Affl_S	300	T 50	2.80	48.00	48.11	48.11	48.16	0.037030	1.06	2.65	25.77	1.05
Affl_S	300	T 100	3.62	48.00	48.13	48.13	48.19	0.032283	1.12	3.24	26.21	1.01
Affl_S	300	T 200	4.49	48.00	48.15	48.15	48.22	0.031784	1.21	3.72	26.55	1.03
Affl_S	300	T 500	5.70	48.00	48.17	48.17	48.26	0.029245	1.29	4.43	27.02	1.01
Affl_S	250	T 50	2.80	44.00	44.34		44.36	0.002072	0.49	5.67	21.73	0.31
Affl_S	250	T 100	3.62	44.00	44.36		44.38	0.002811	0.59	6.10	22.32	0.36
Affl_S	250	T 200	4.49	44.00	44.40		44.42	0.002929	0.64	7.00	23.51	0.38
Affl_S	250	T 500	5.70	44.00	44.45		44.48	0.003041	0.70	8.17	24.99	0.39
Affl_S	200	T 50	2.80	44.00	44.04	44.04	44.07	0.046454	0.67	4.17	94.68	1.02
Affl_S	200	T 100	3.62	44.00	44.06	44.06	44.08	0.022411	0.60	6.06	94.99	0.76
Affl_S	200	T 200	4.49	44.00	44.07	44.07	44.09	0.029057	0.71	6.38	95.04	0.87
Affl_S	200	T 500	5.70	44.00	44.07	44.07	44.11	0.039867	0.85	6.70	95.09	1.02
Affl_S	152	T 50	2.80	42.27	42.49	42.49	42.57	0.011409	1.22	2.29	14.98	1.00
Affl_S	152	T 100	3.62	42.27	42.52	42.52	42.61	0.010893	1.31	2.76	15.62	1.00
Affl_S	152	T 200	4.49	42.27	42.55	42.55	42.65	0.010733	1.40	3.20	16.20	1.01
Affl_S	152	T 500	5.70	42.27	42.60	42.60	42.70	0.008490	1.39	4.11	21.74	1.00

IL BACINO LU RUITONI

Ramo Sud-Ovest

ModelloRioRuitoni Plan: Plan 01 03/01/2014

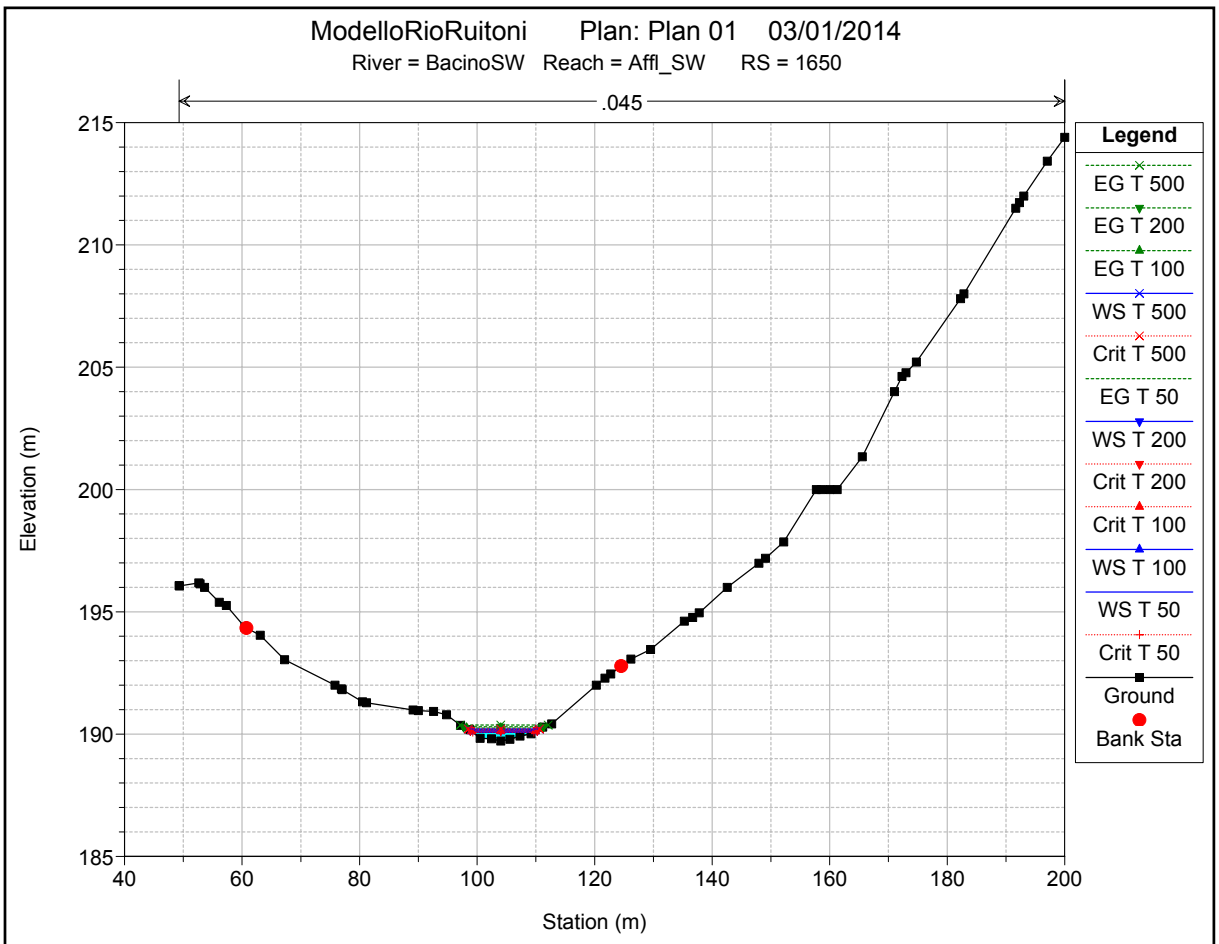
BacinoSW Affl_SW

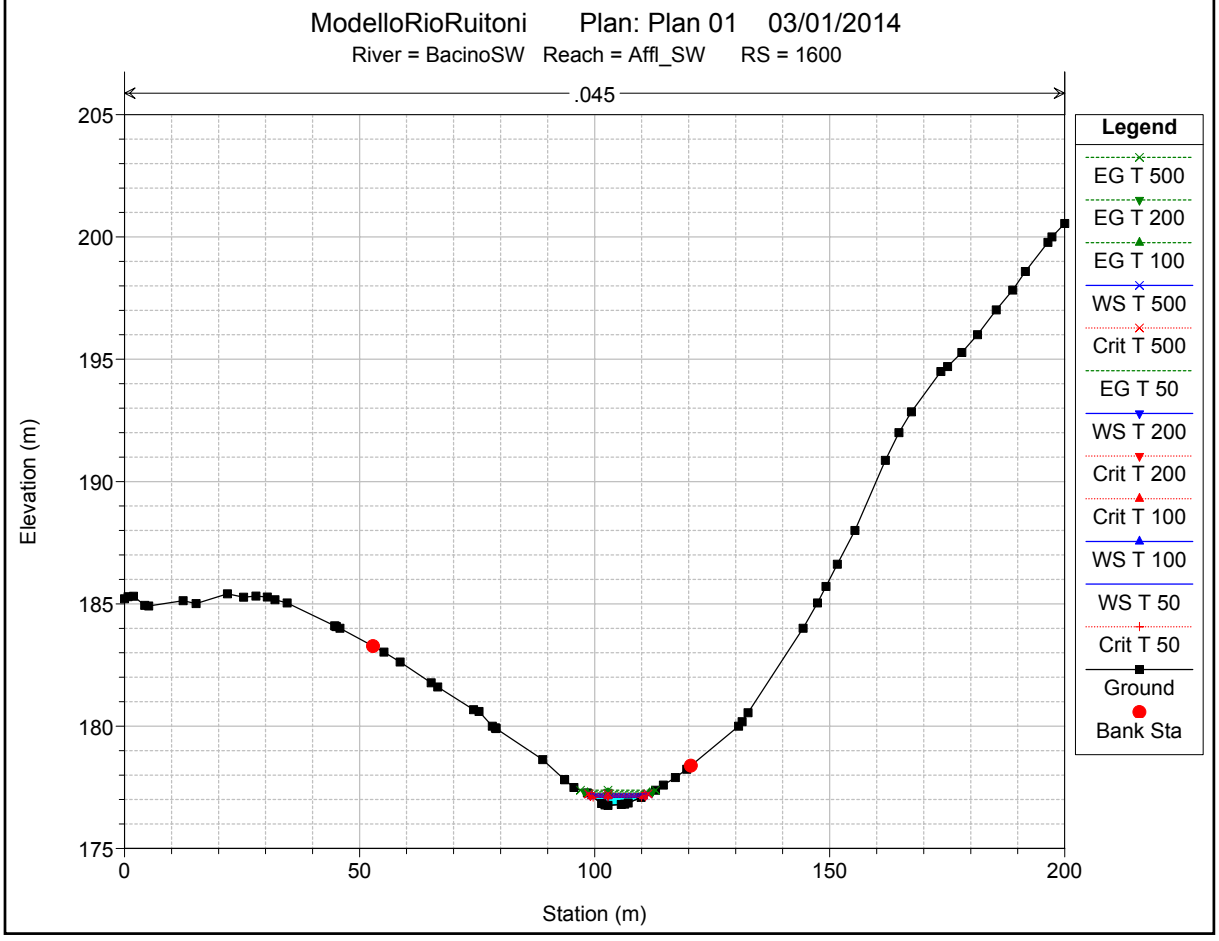
Elevation (m)

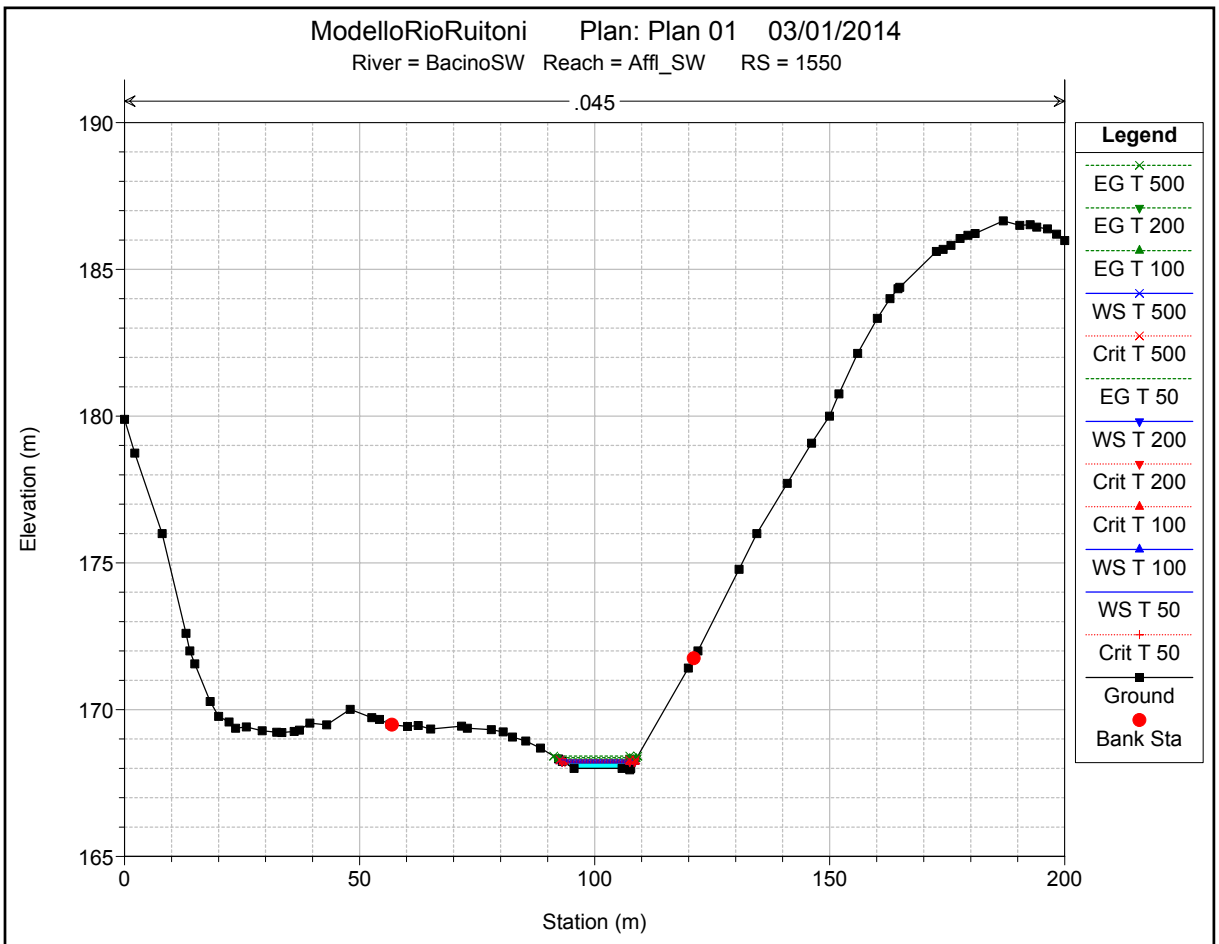
Main Channel Distance (m)

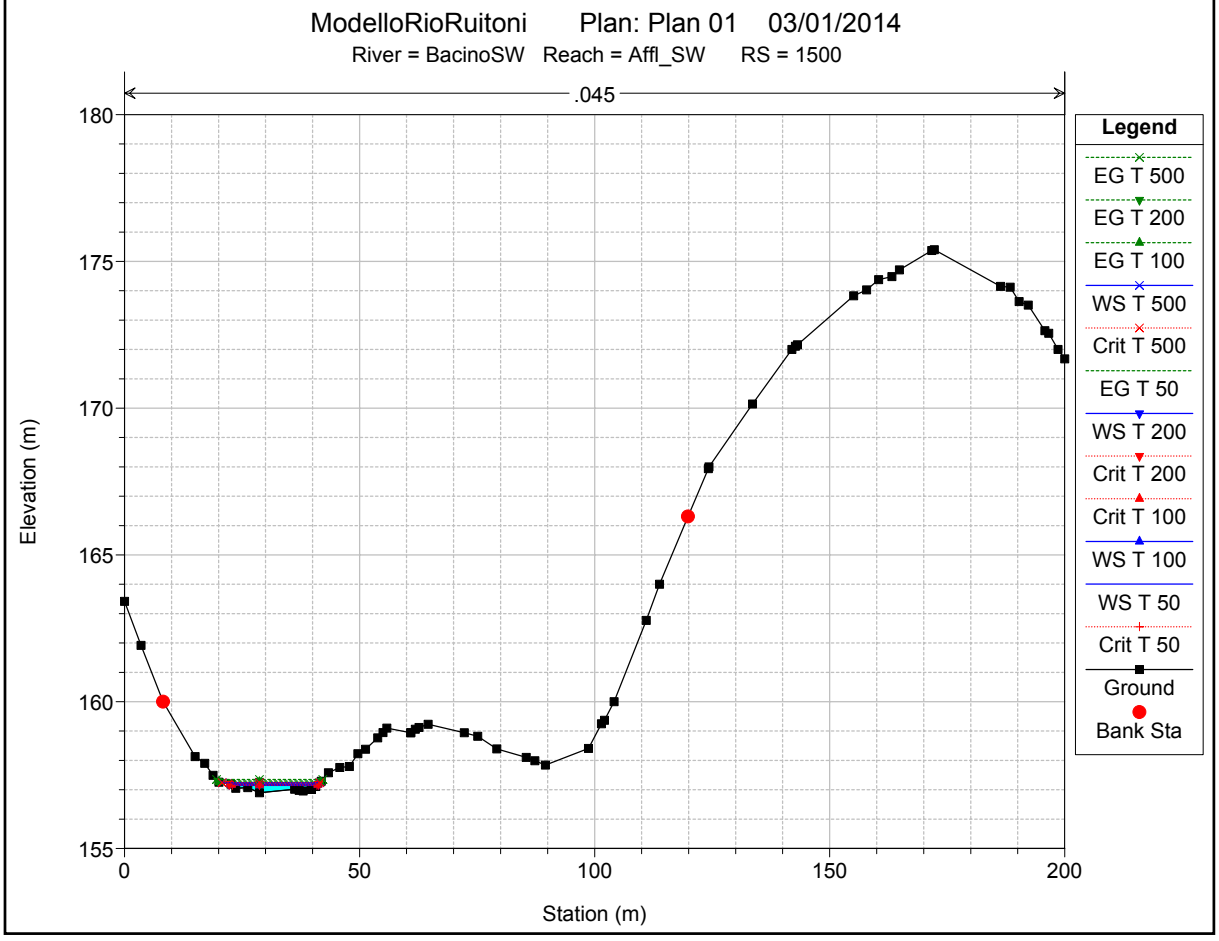
Legend

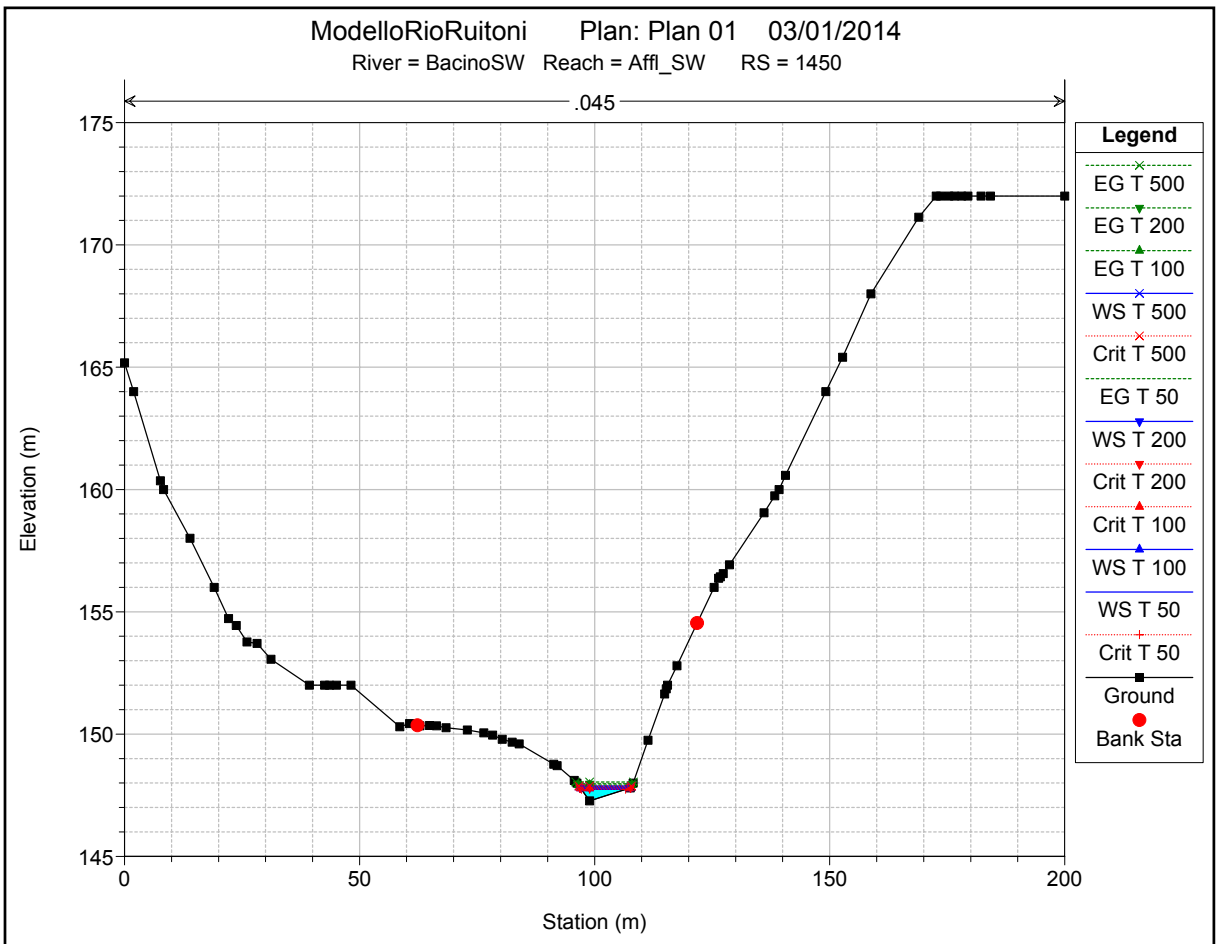
- Crit T 500
- Crit T 200
- Crit T 100
- Crit T 50
- EG T 500
- WS T 500
- EG T 200
- WS T 200
- EG T 100
- WS T 100
- EG T 50
- WS T 50
- Ground
- LOB
- ROB

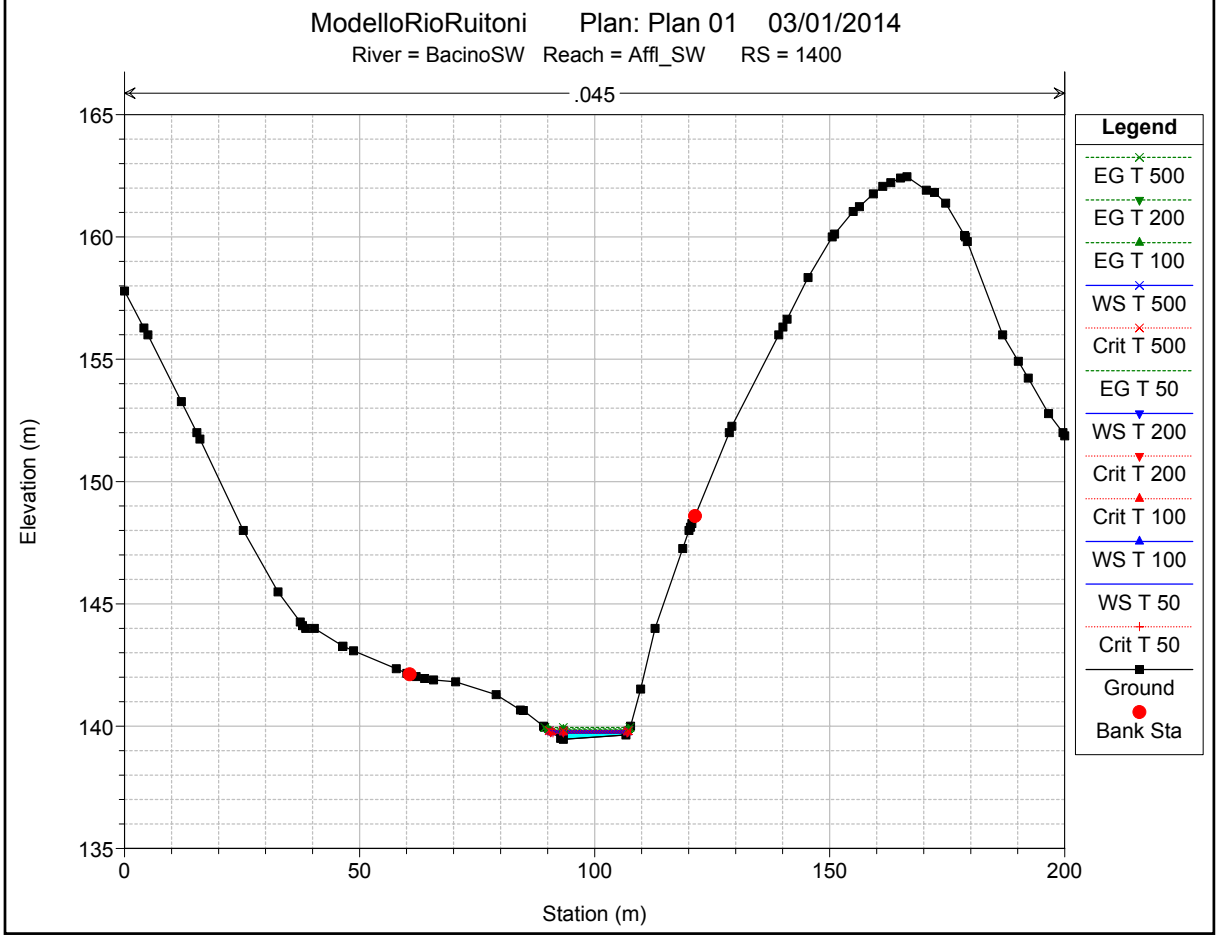

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1650
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

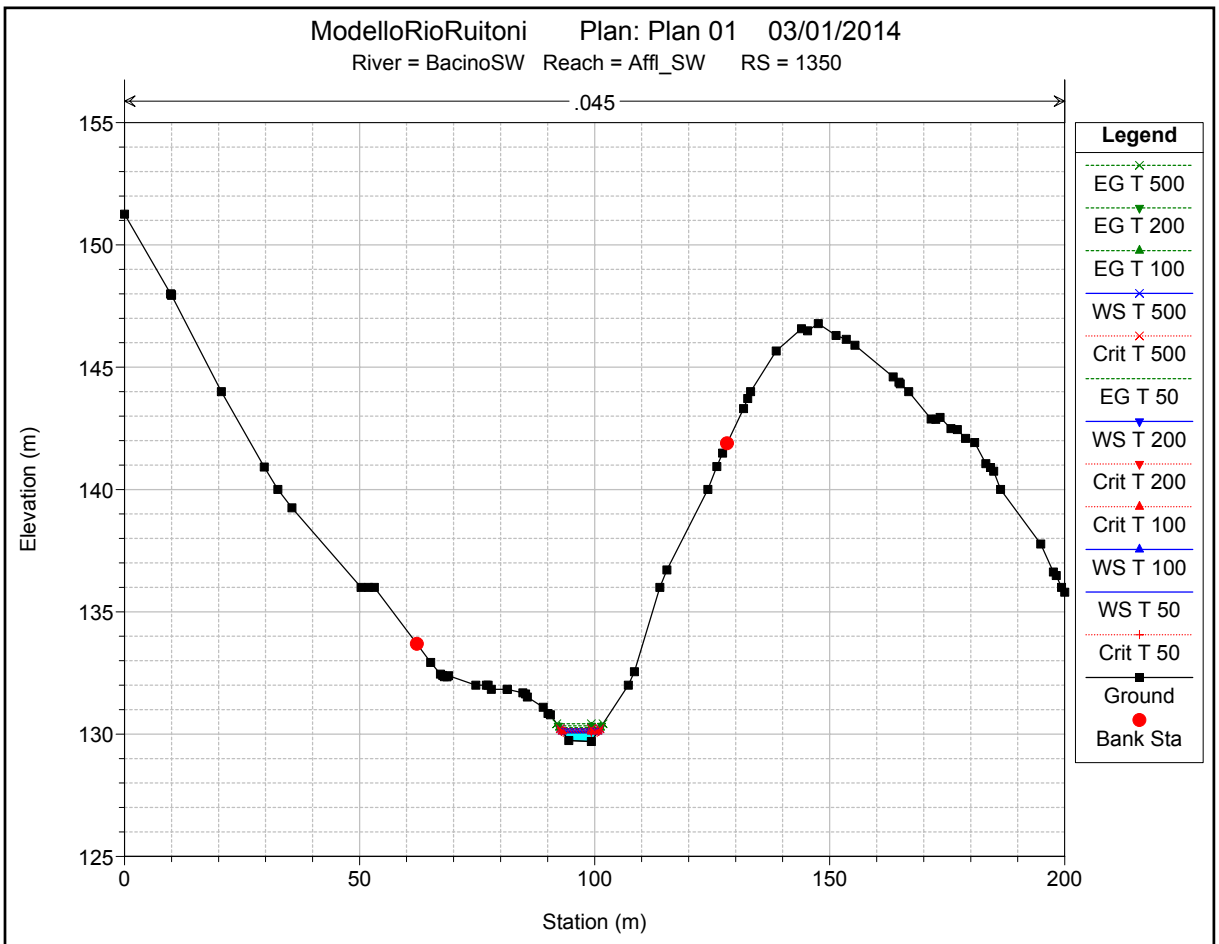

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1600
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

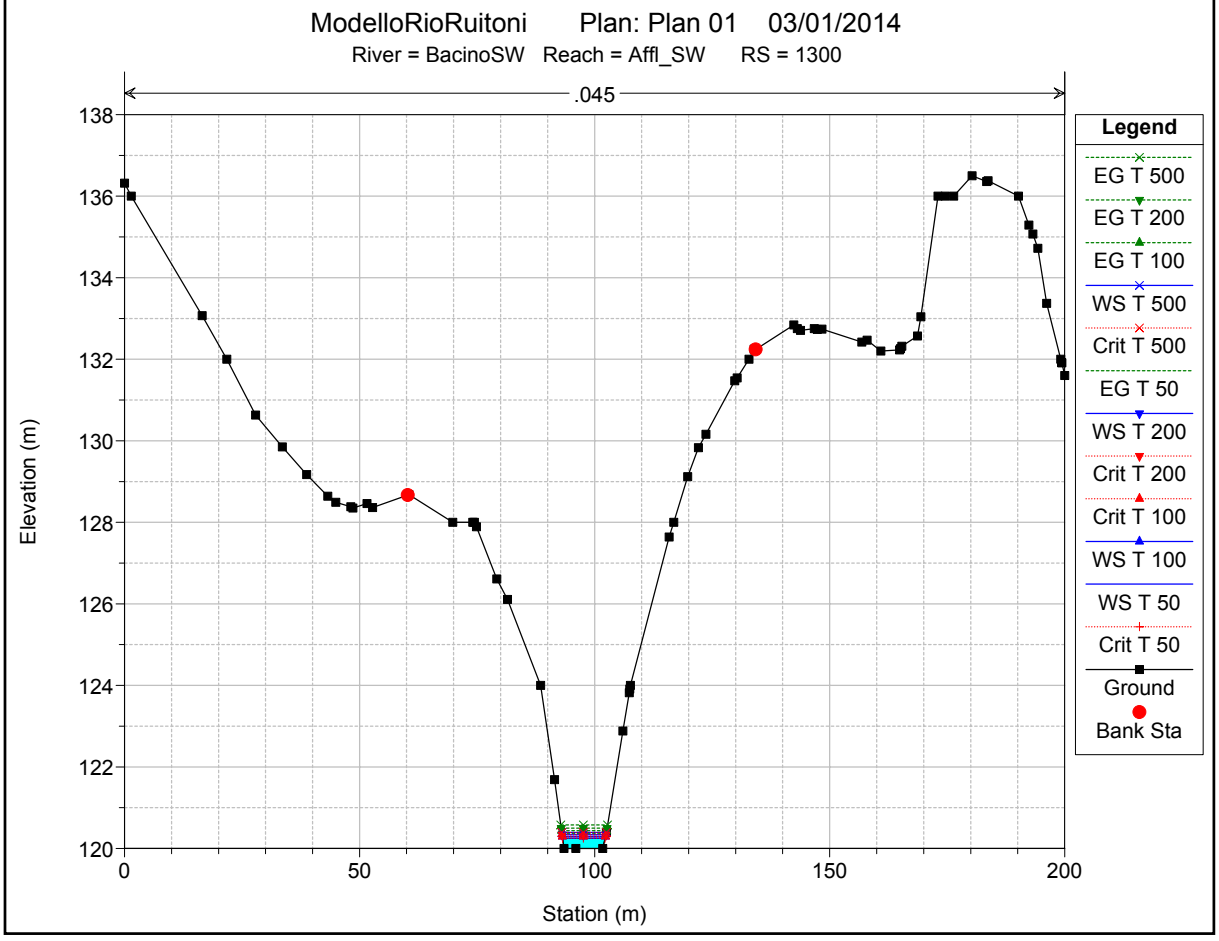

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1550
.045
Elevation (m)
Station (m)
190
185
180
175
170
165
0
50
100
150
200
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

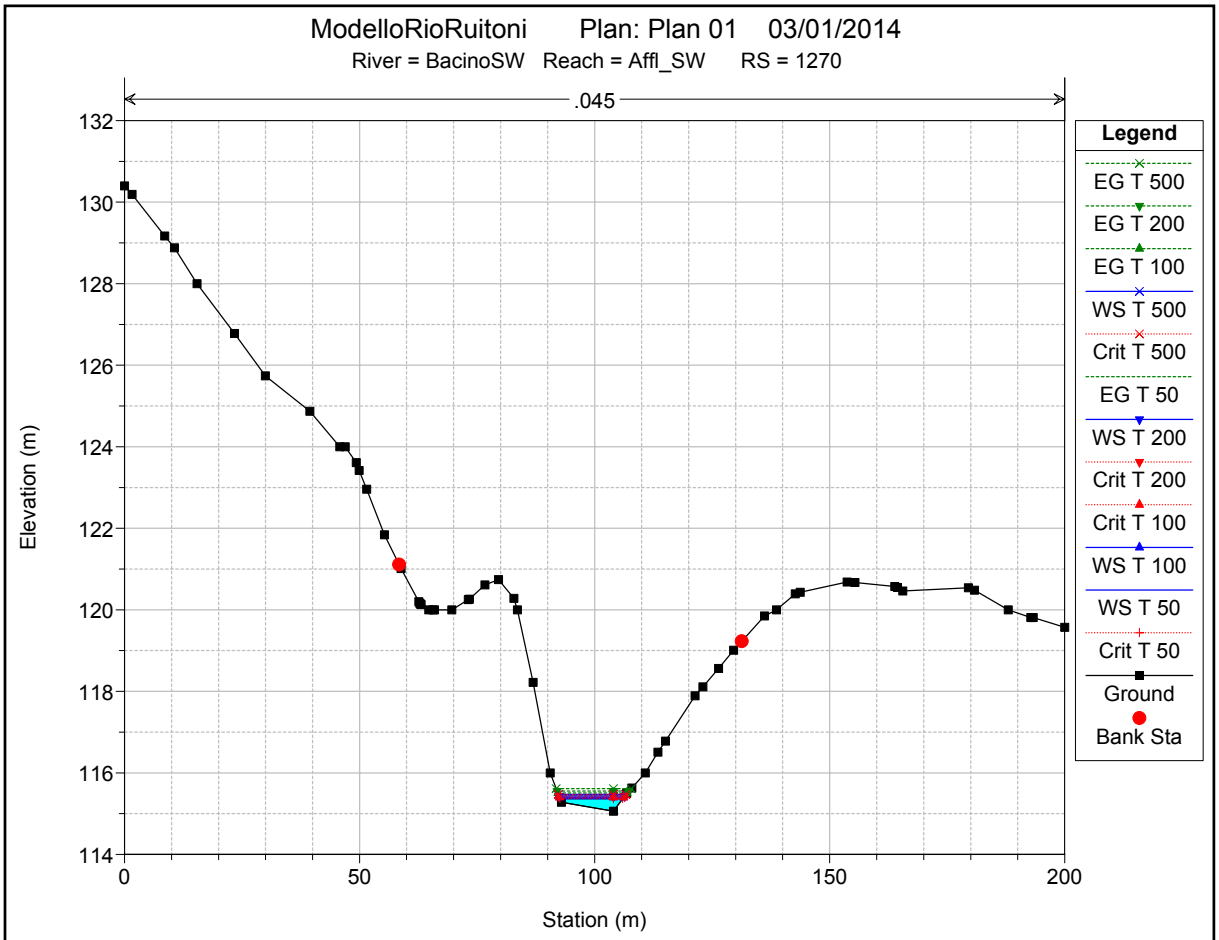

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1500
.045
Elevation (m)
Station (m)
180
175
170
165
160
155
0
50
100
150
200
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

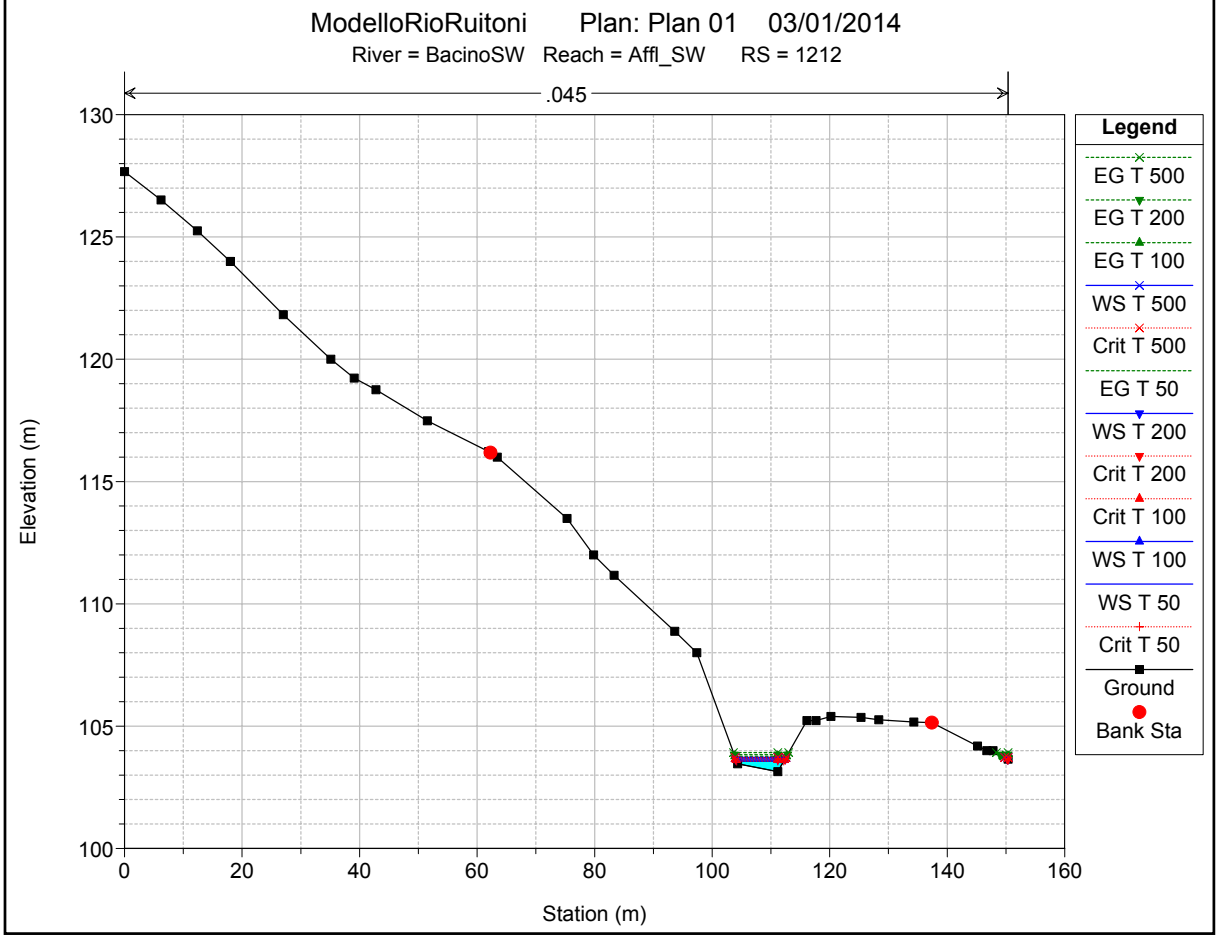

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1450
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

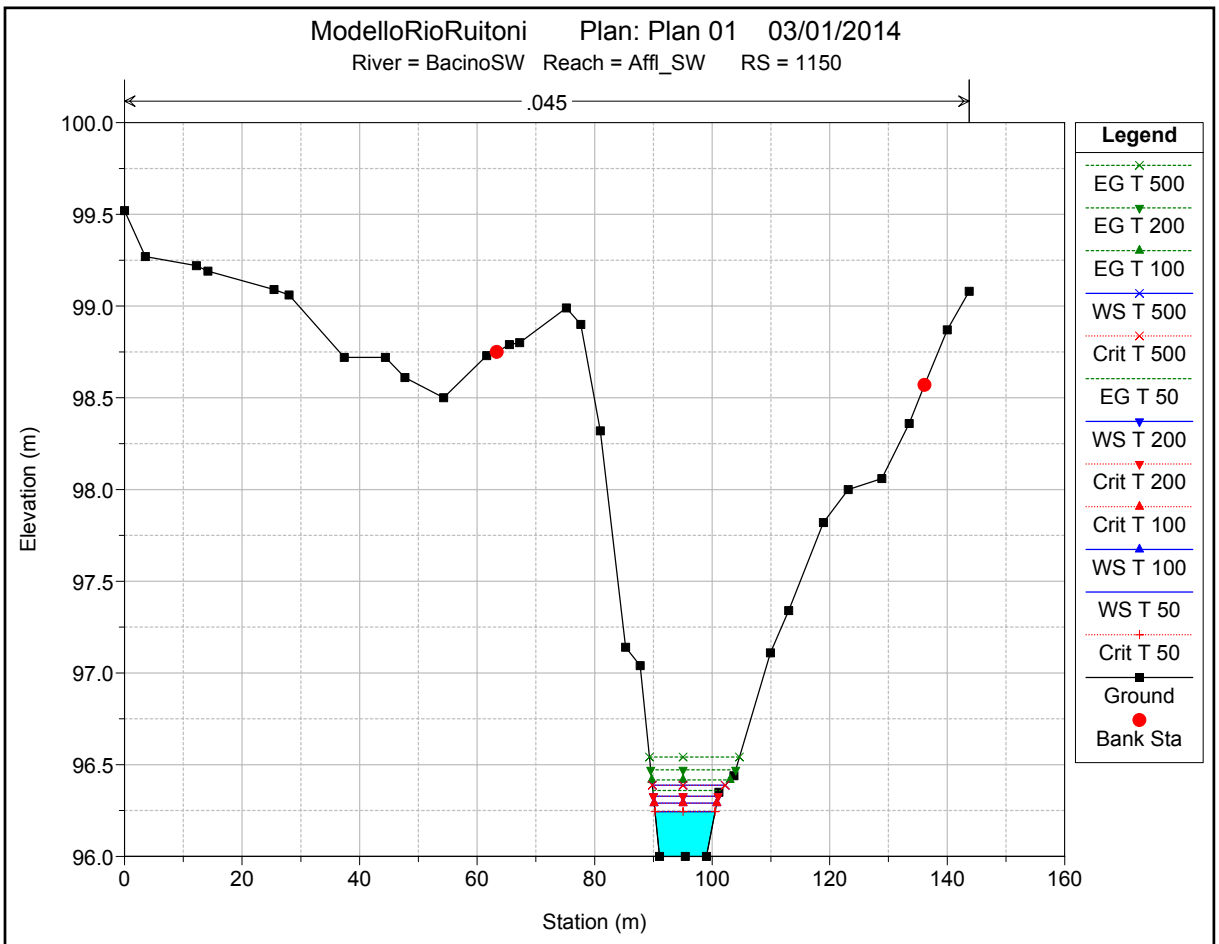

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1400
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

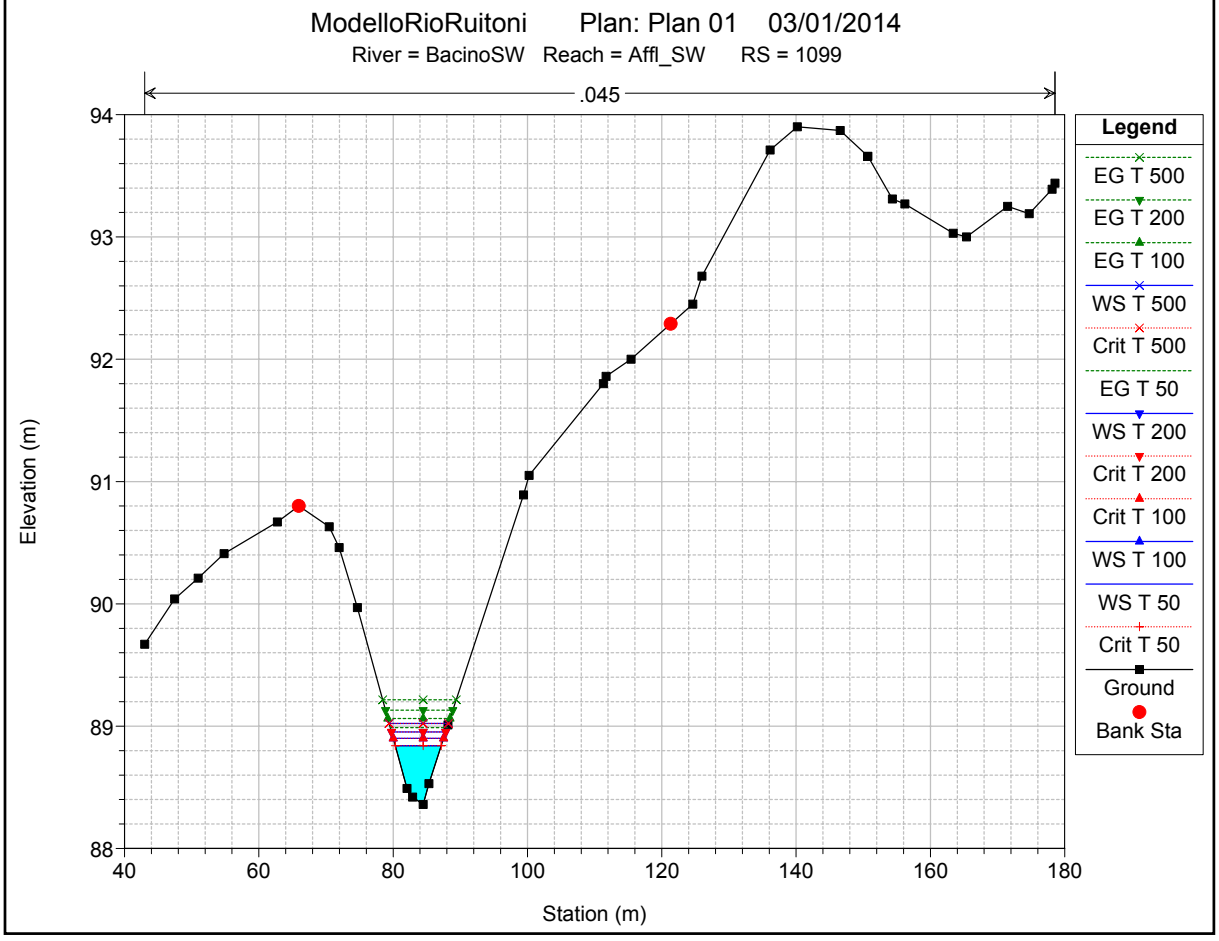

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1350
.045
Elevation (m)
Station (m)
155
150
145
140
135
130
125
0
50
100
150
200
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

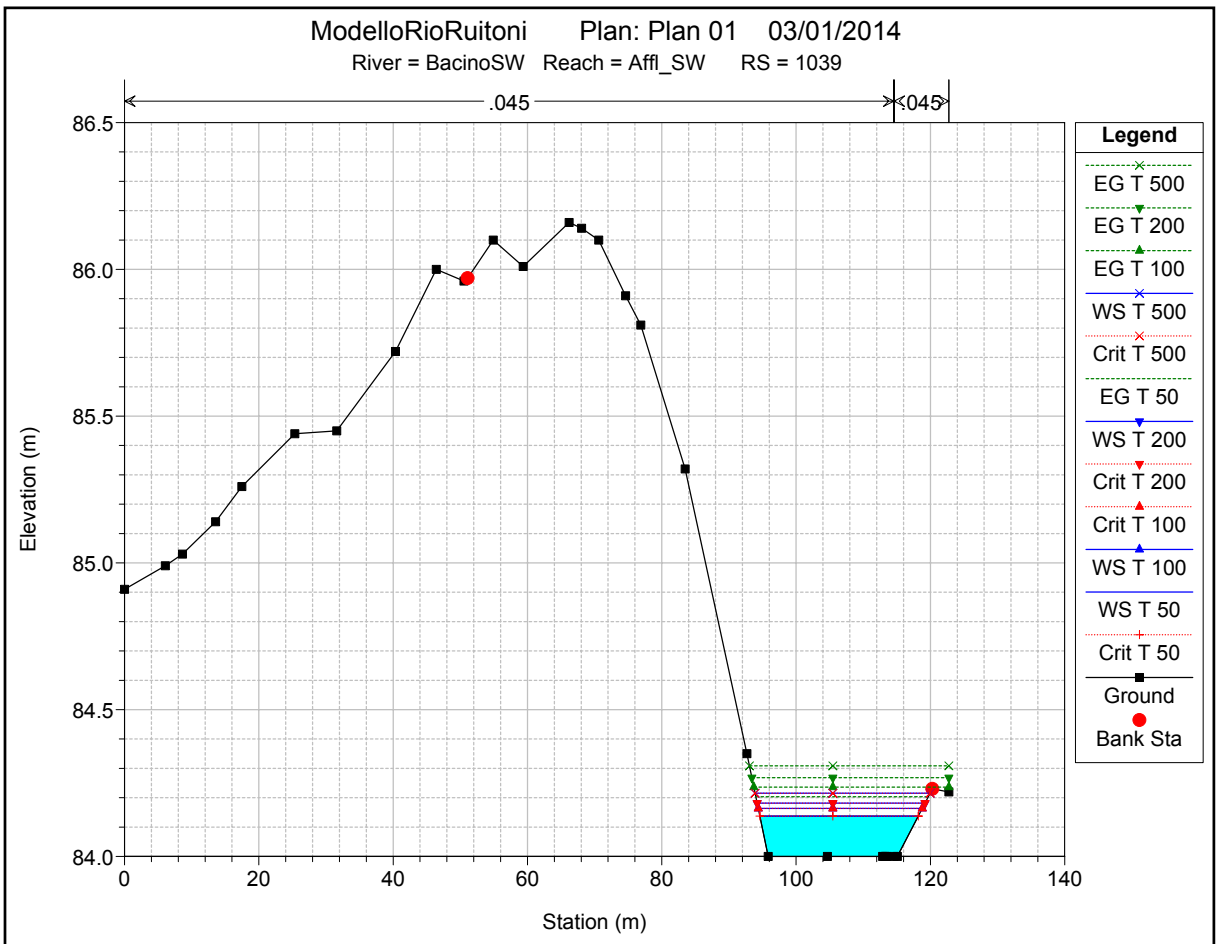

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1300
.045
Elevation (m)
Station (m)
138
136
134
132
130
128
126
124
122
120
0
50
100
150
200
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

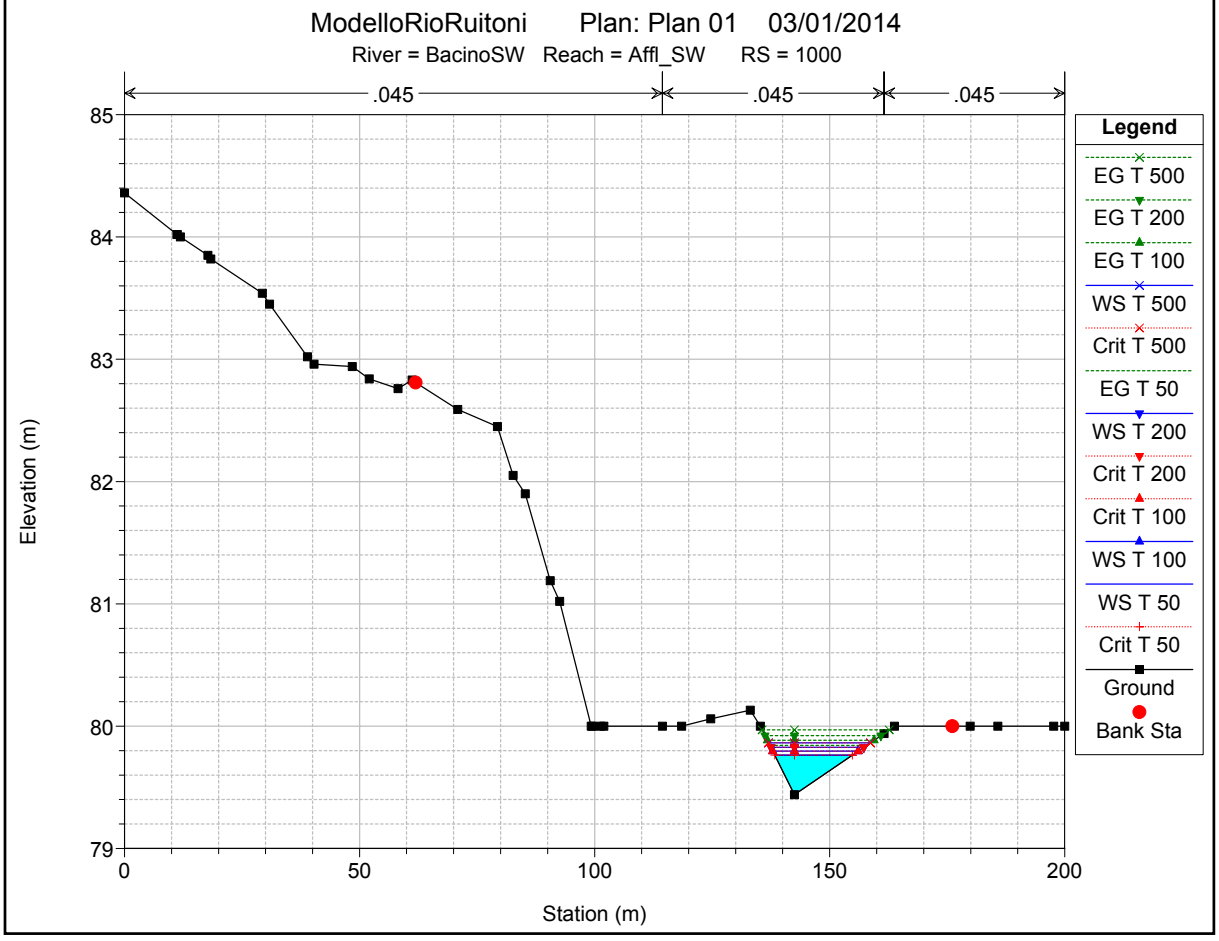

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1270
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

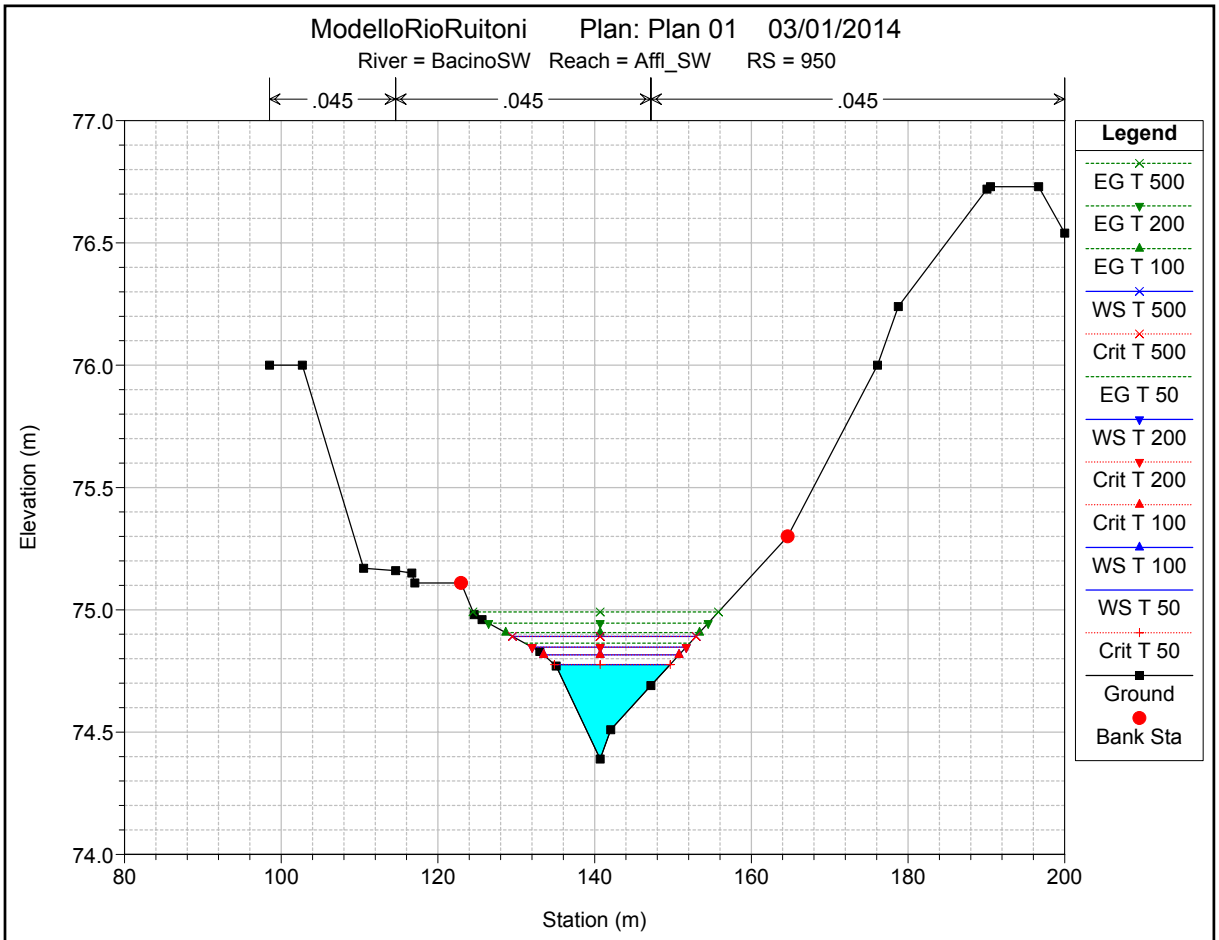

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1212
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

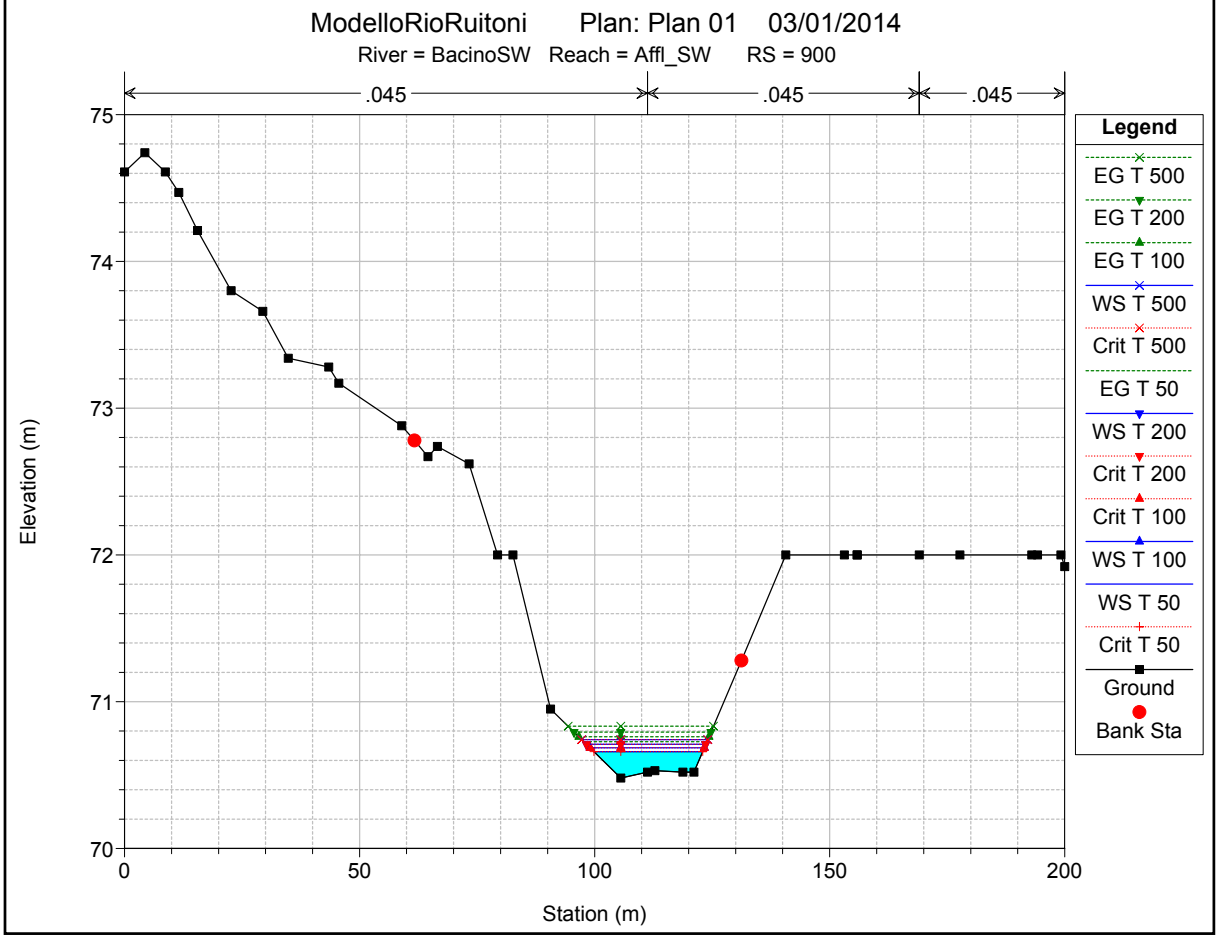

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1150
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

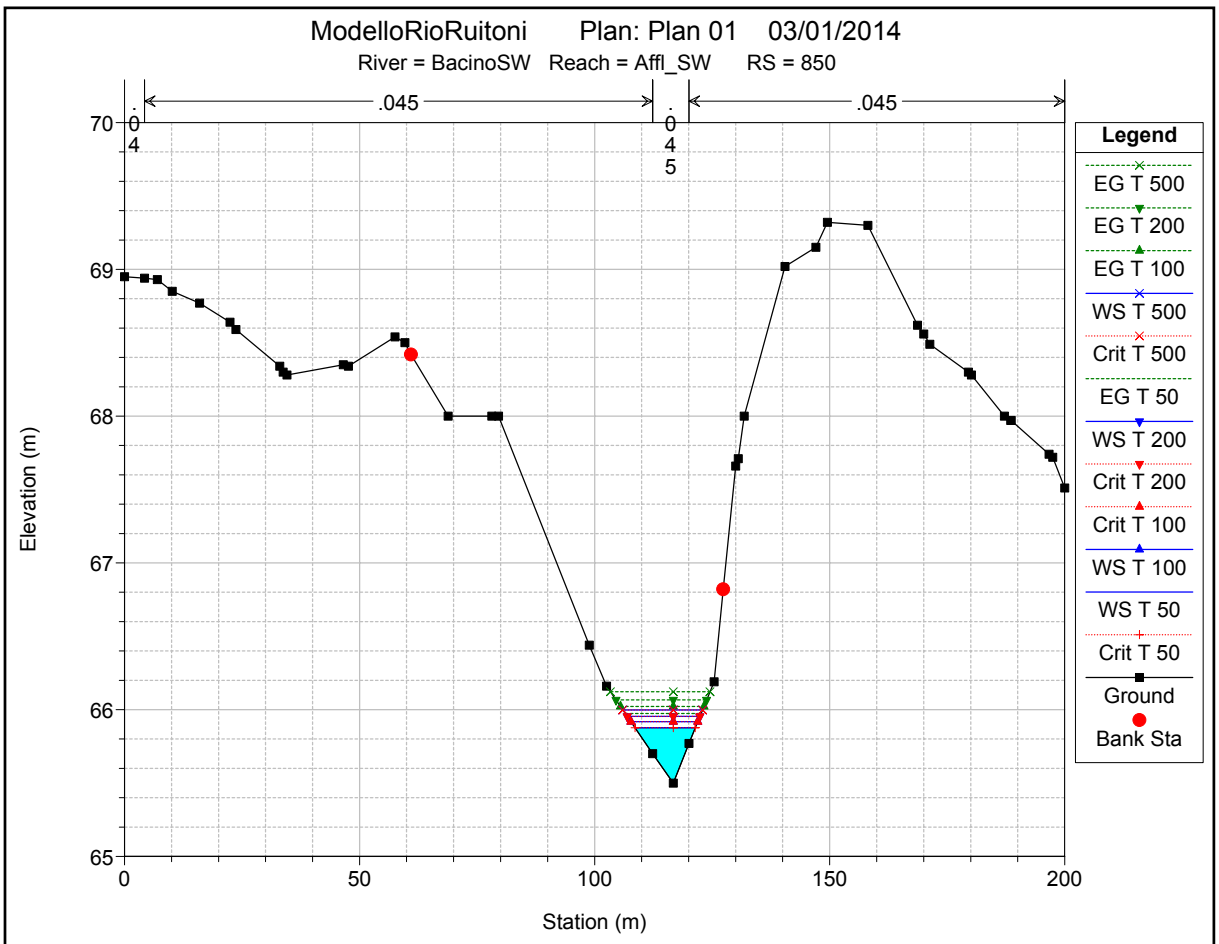

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1099
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

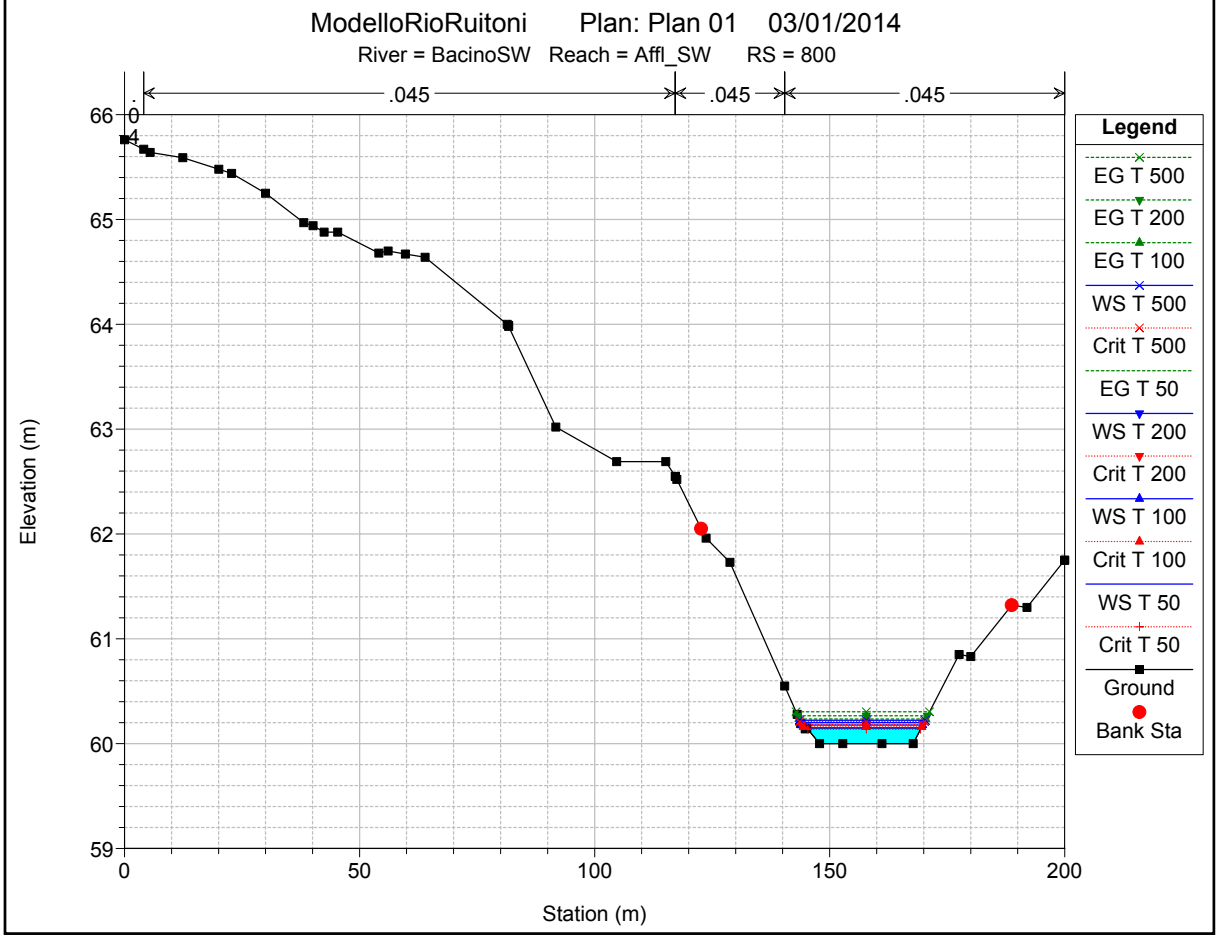

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1039
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

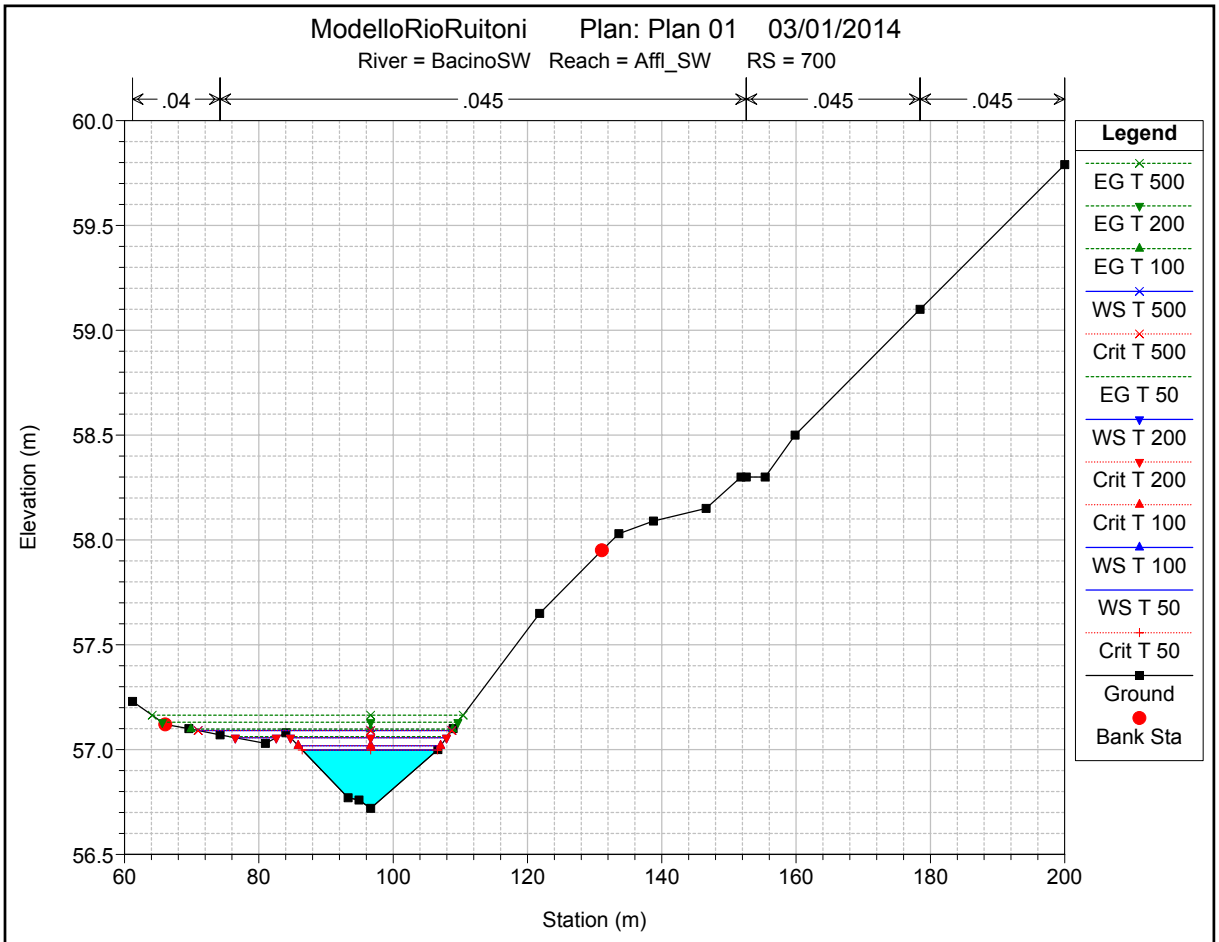

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 1000
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

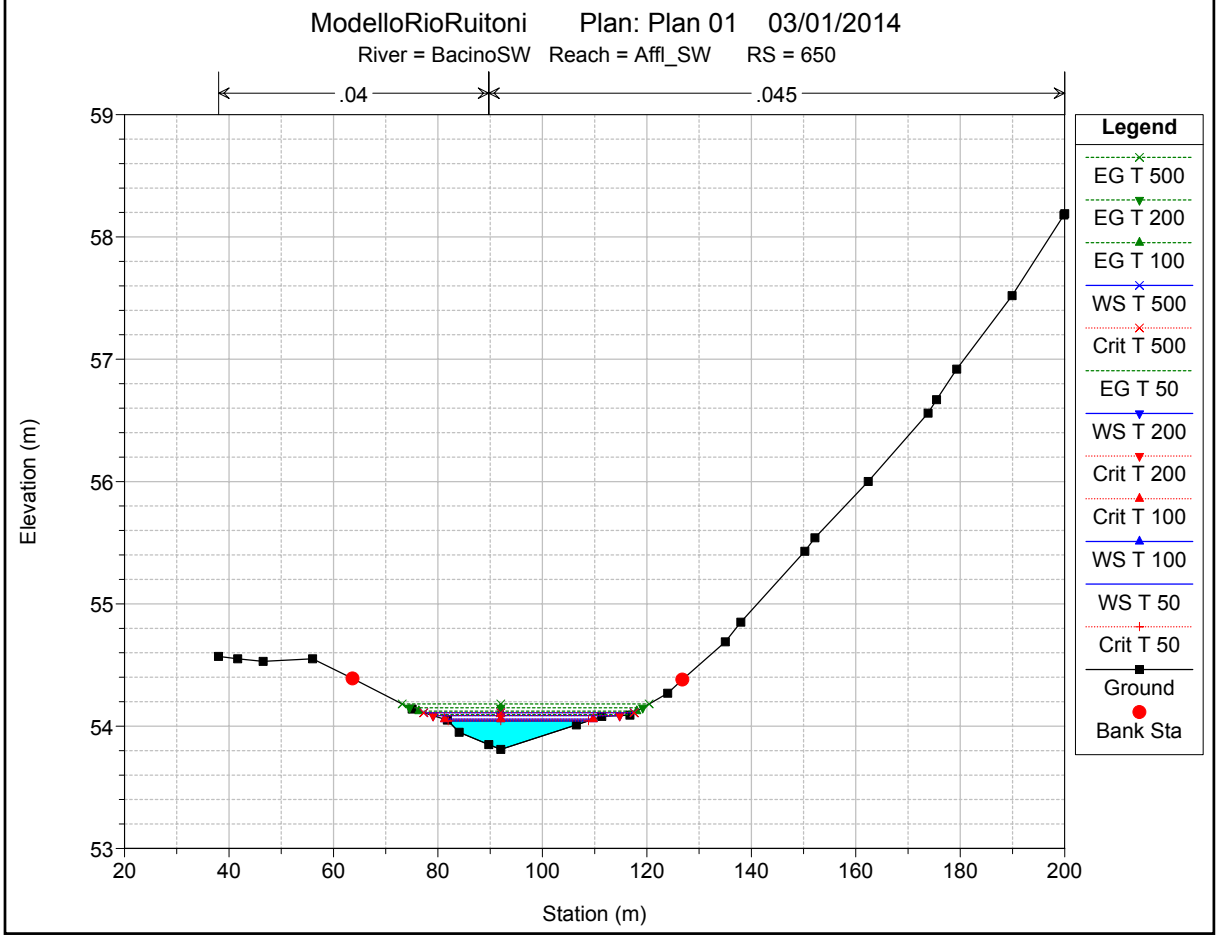

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 950
.045
.045
.045
77.0
76.5
76.0
75.5
75.0
74.5
74.0
Elevation (m)
80
100
120
140
160
180
200
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

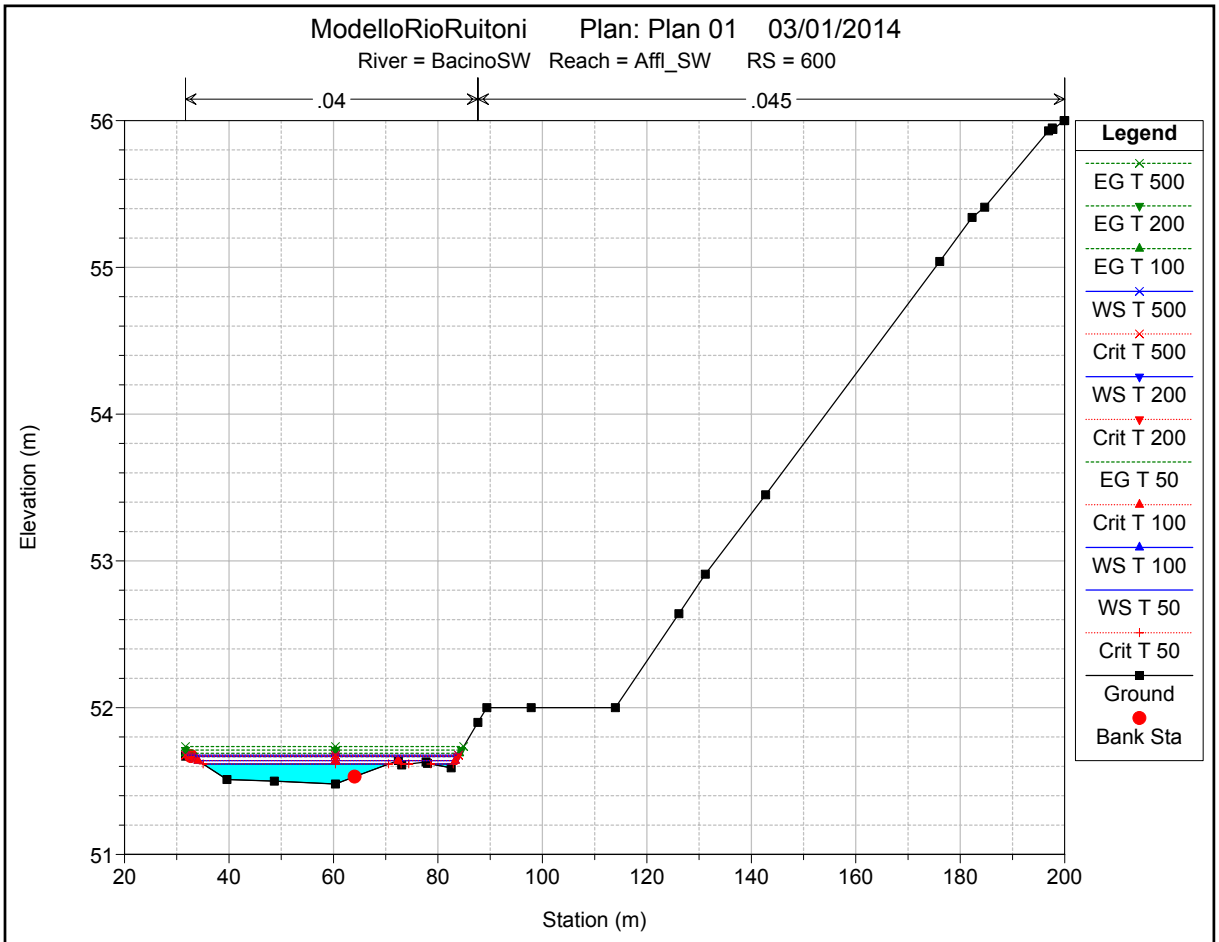

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 900
.045
.045
.045
75
74
73
72
71
70
Elevation (m)
0
50
100
150
200
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

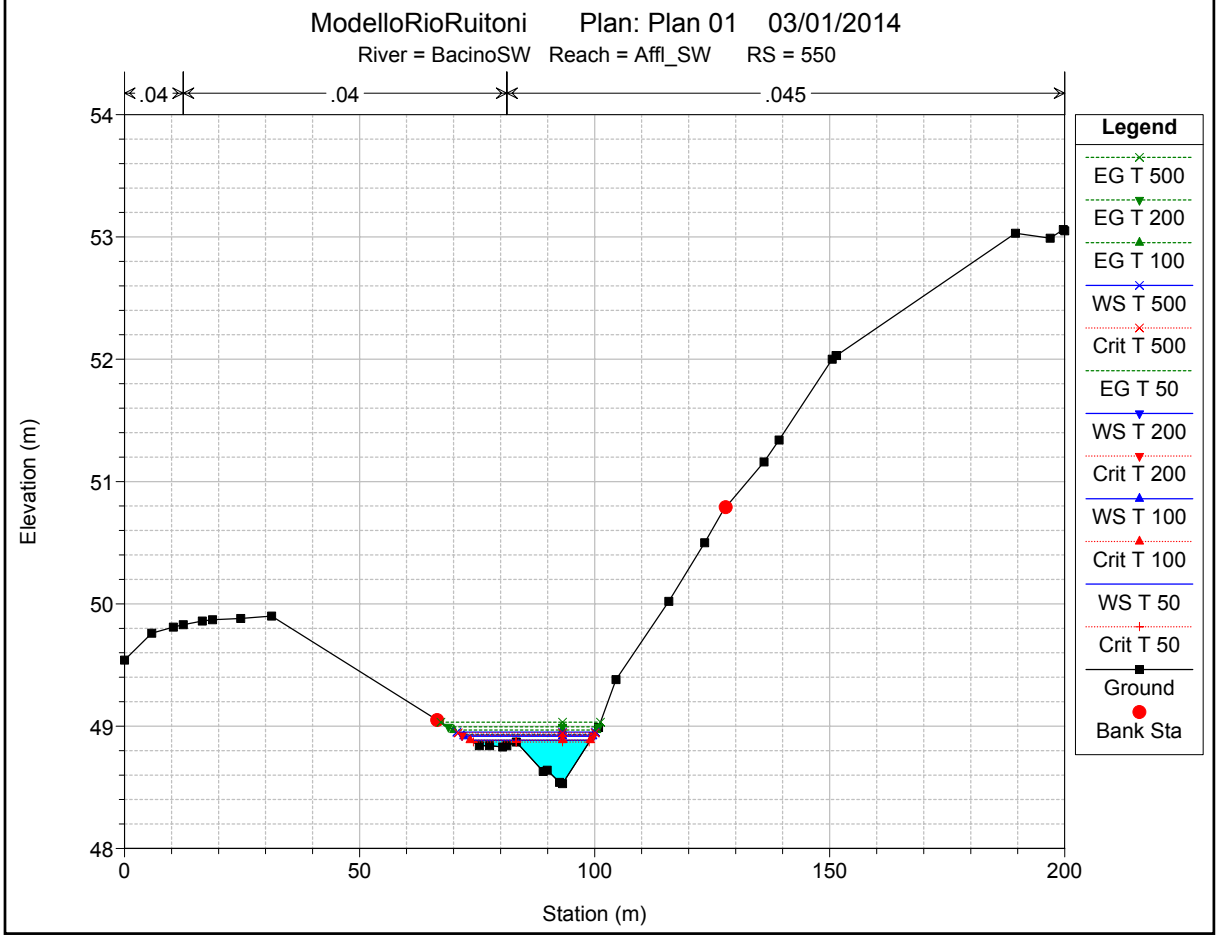

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 850
.045
.045
.045
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
70
69
68
67
66
65
0
50
100
150
200

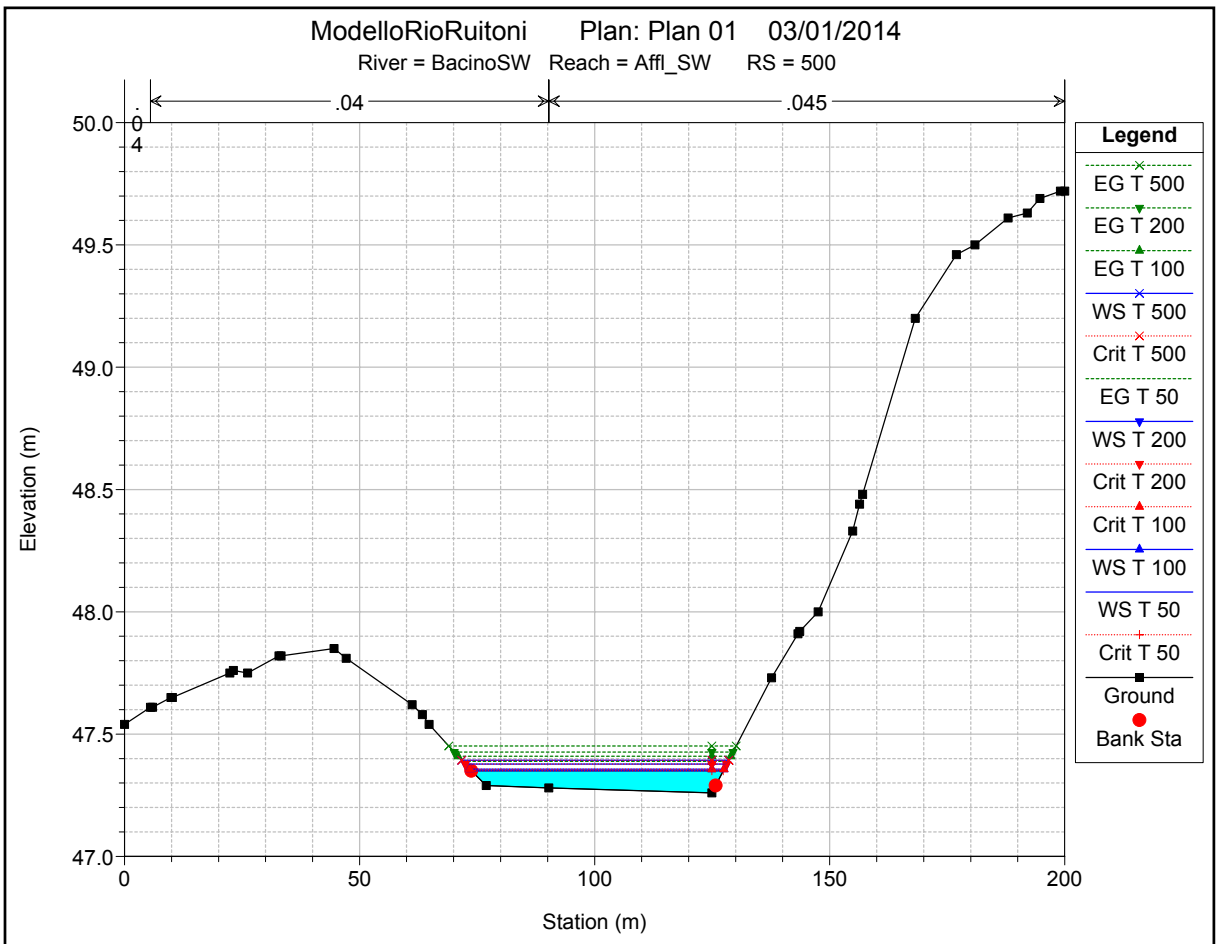

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 800
.045
.045
.045
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta
Elevation (m)
Station (m)
66
65
64
63
62
61
60
59
0
50
100
150
200

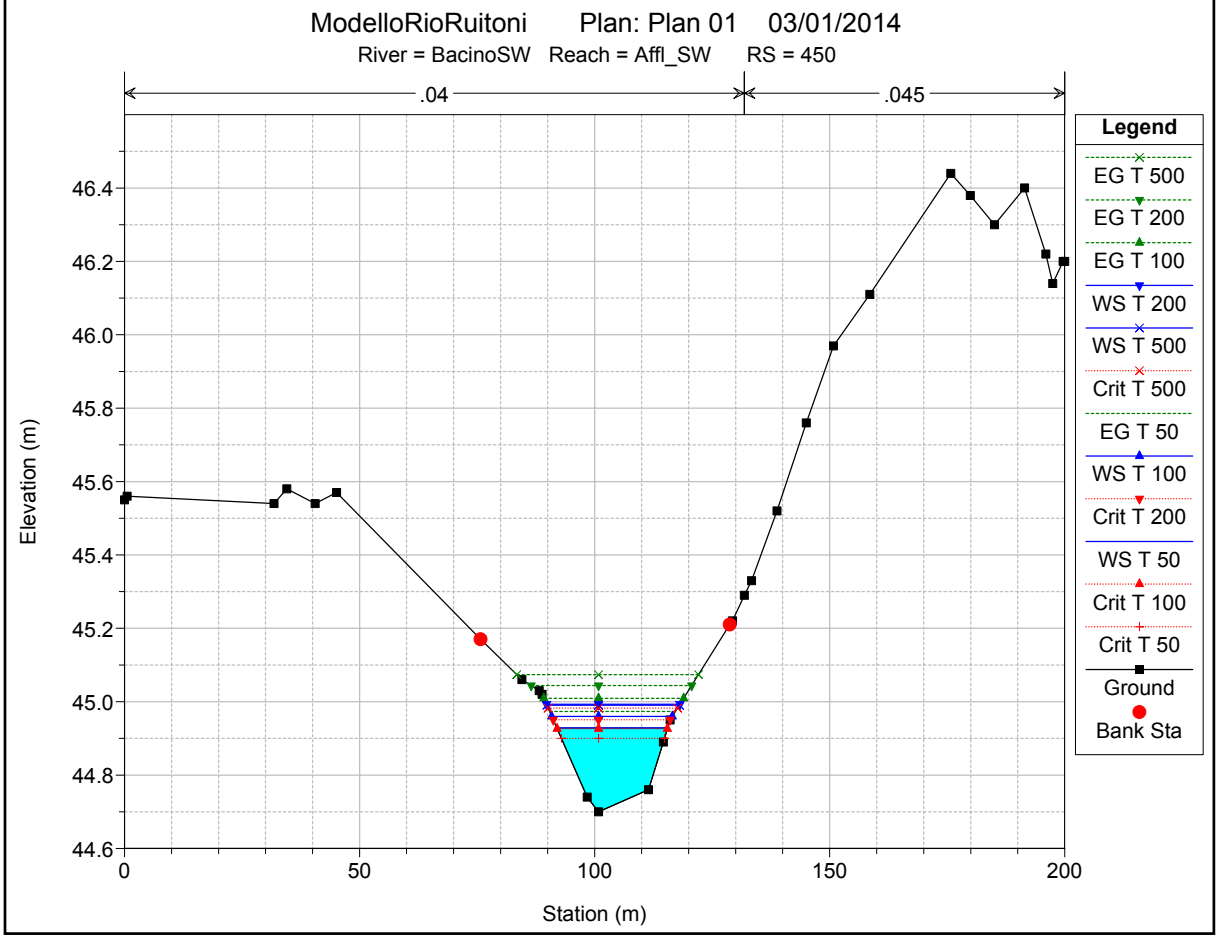

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 700
.04
.045
.045
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

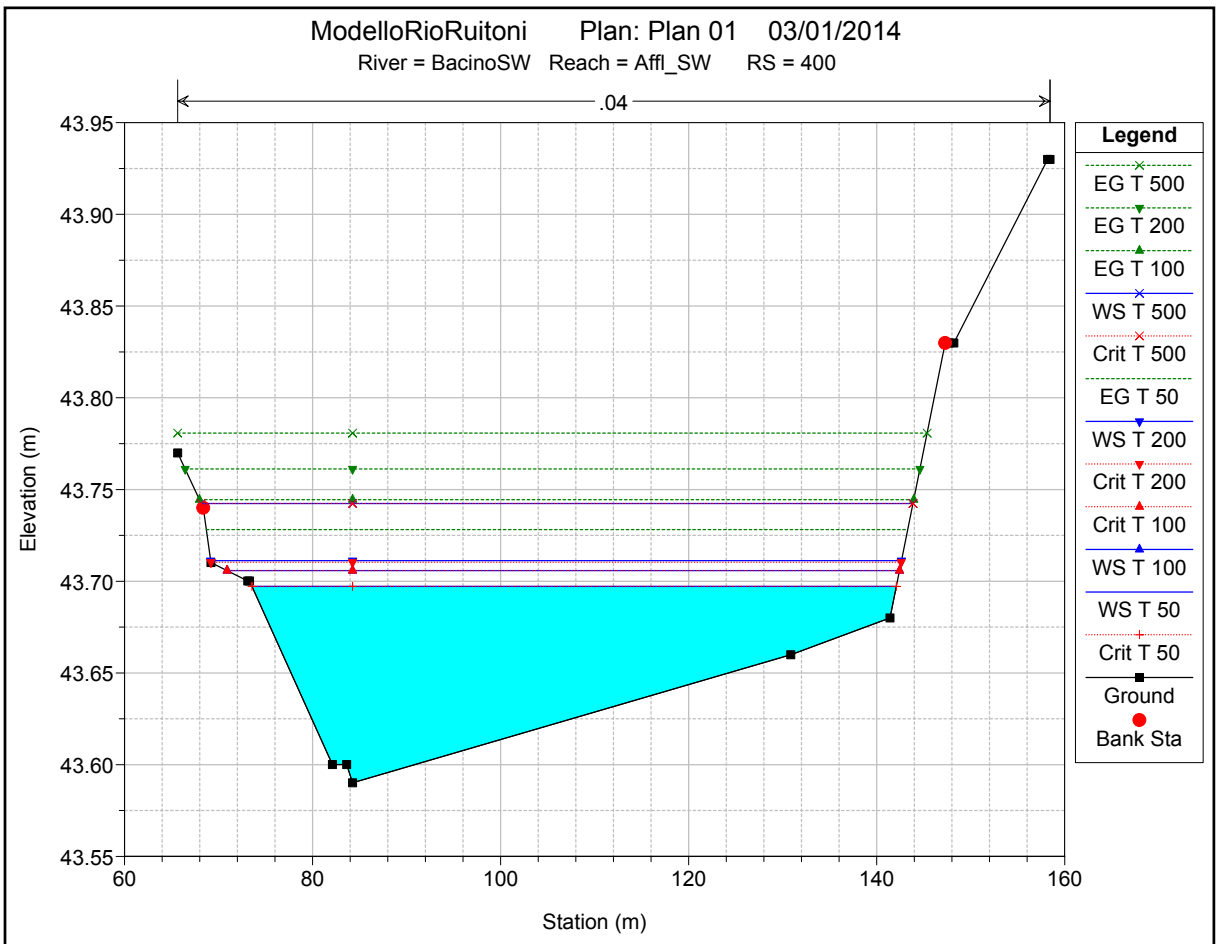

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 650
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

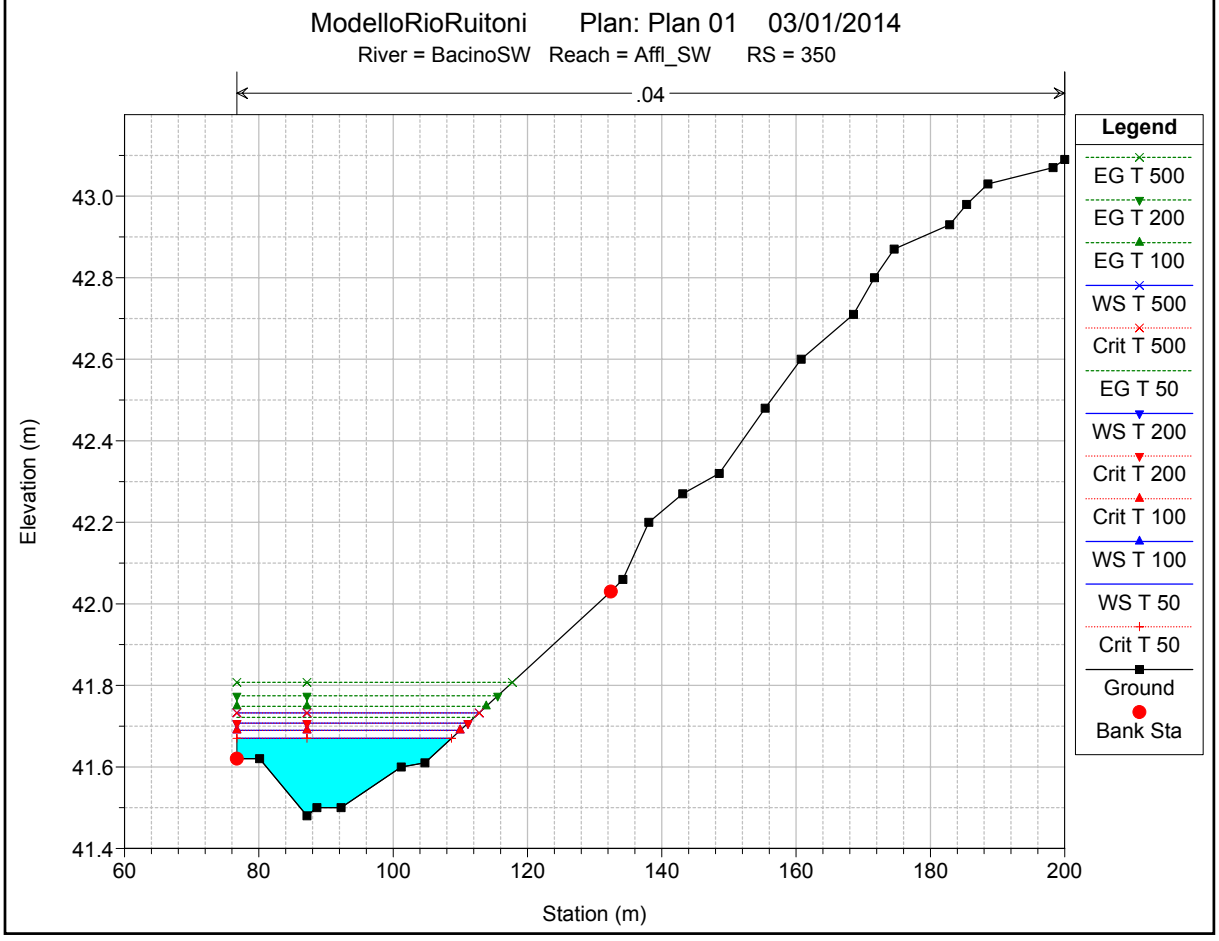

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 600
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
WS T 200
Crit T 200
EG T 50
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

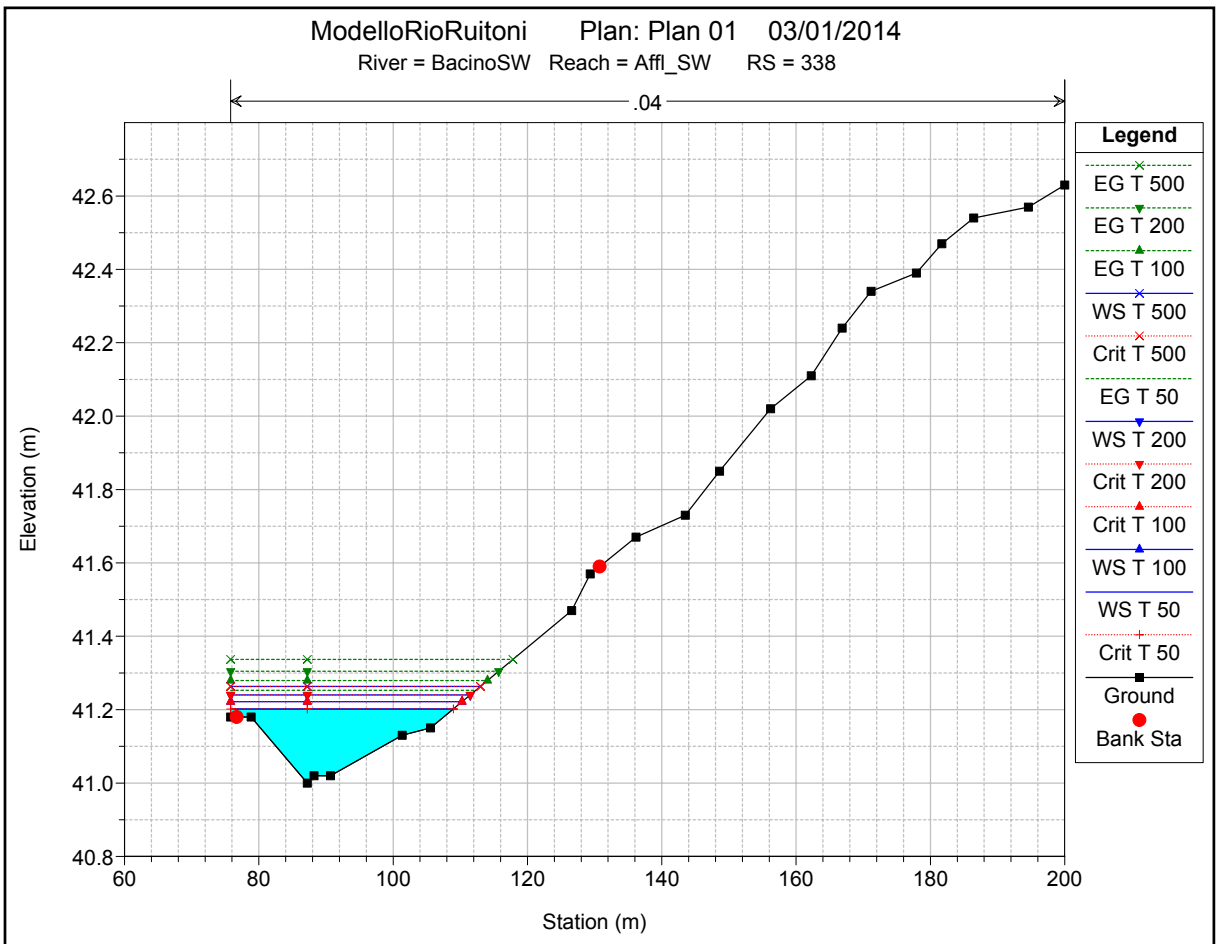

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 550
.04
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
WS T 100
Crit T 100
WS T 50
Crit T 50
Ground
Bank Sta

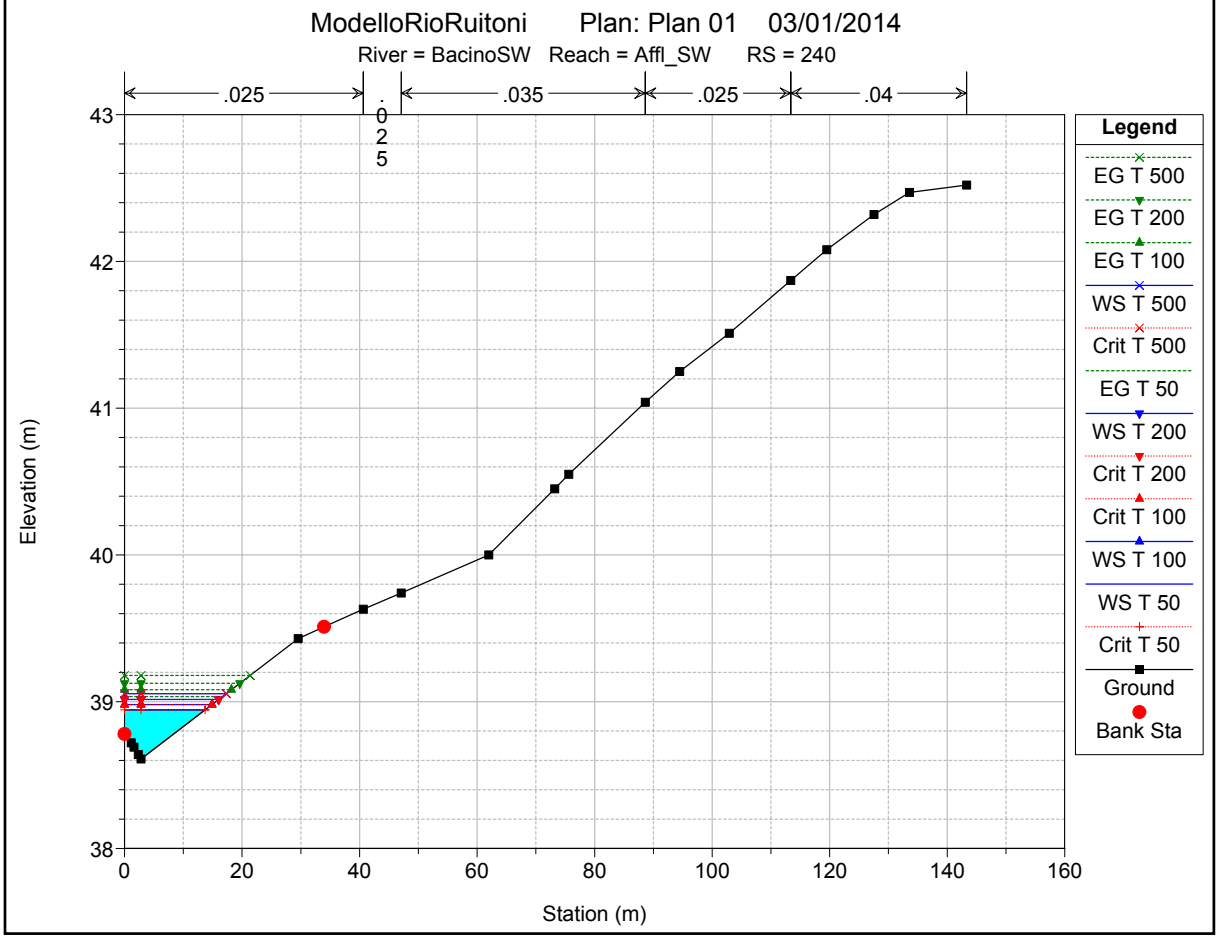

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 500
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

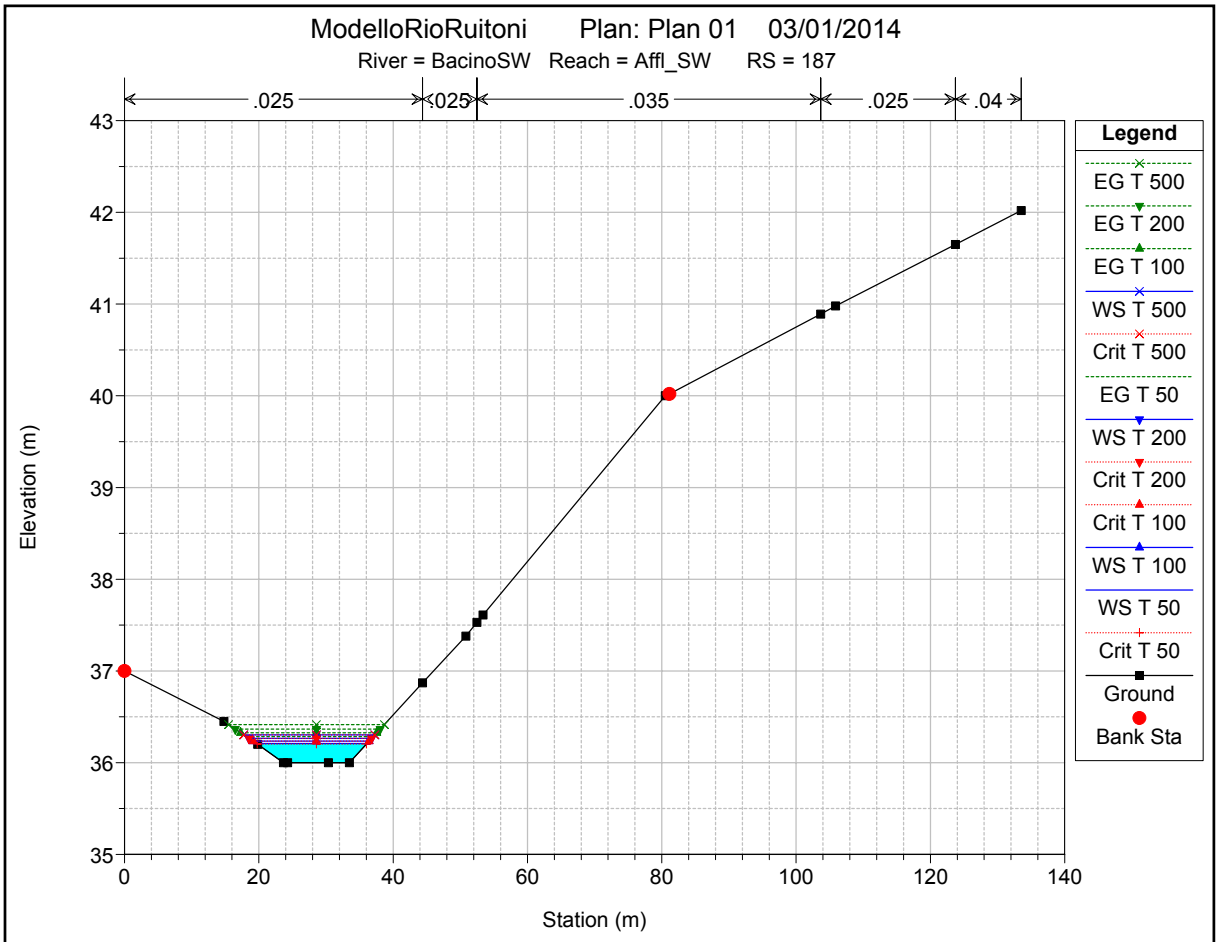

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 450
.04
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 200
WS T 500
Crit T 500
EG T 50
WS T 100
Crit T 200
WS T 50
Crit T 100
Crit T 50
Ground
Bank Sta

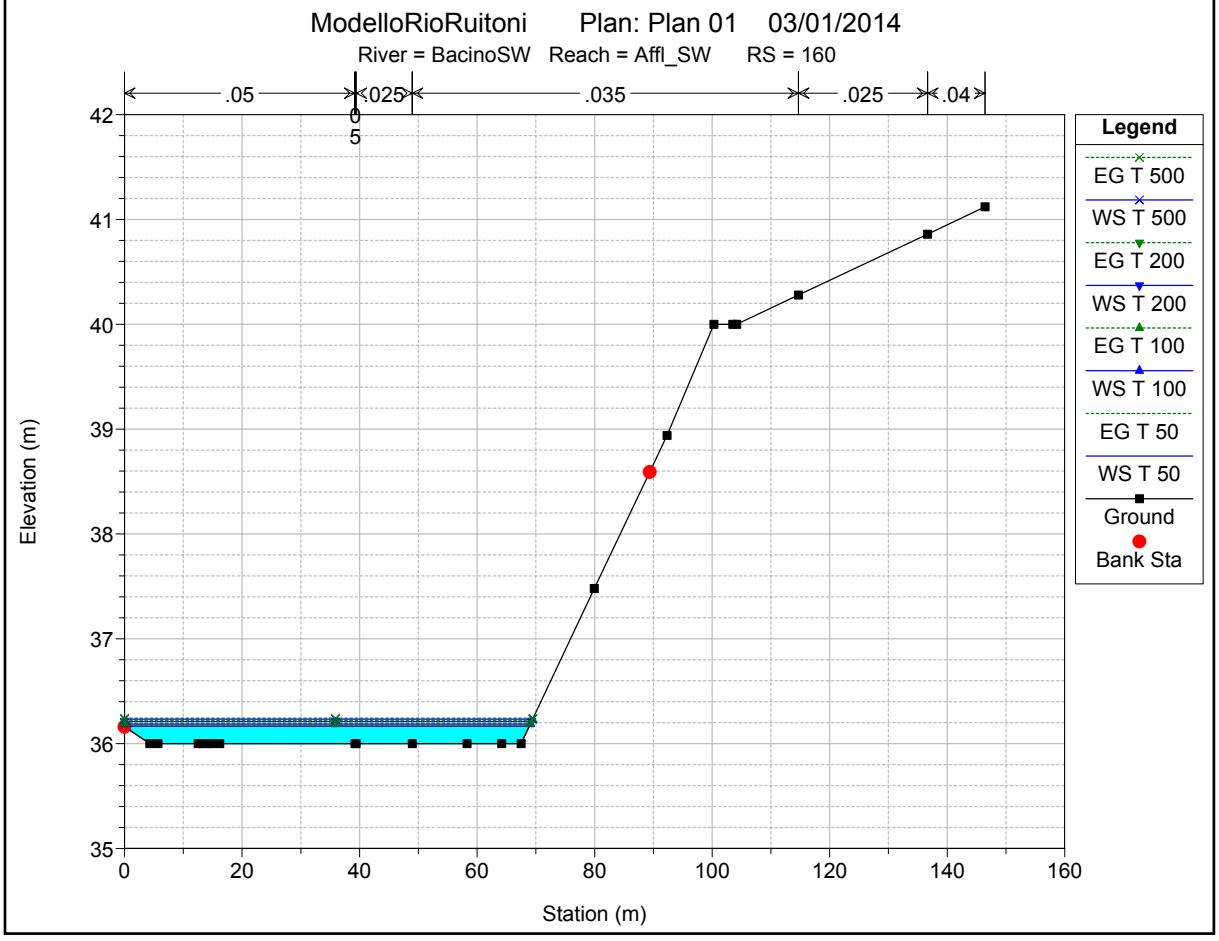

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 400
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

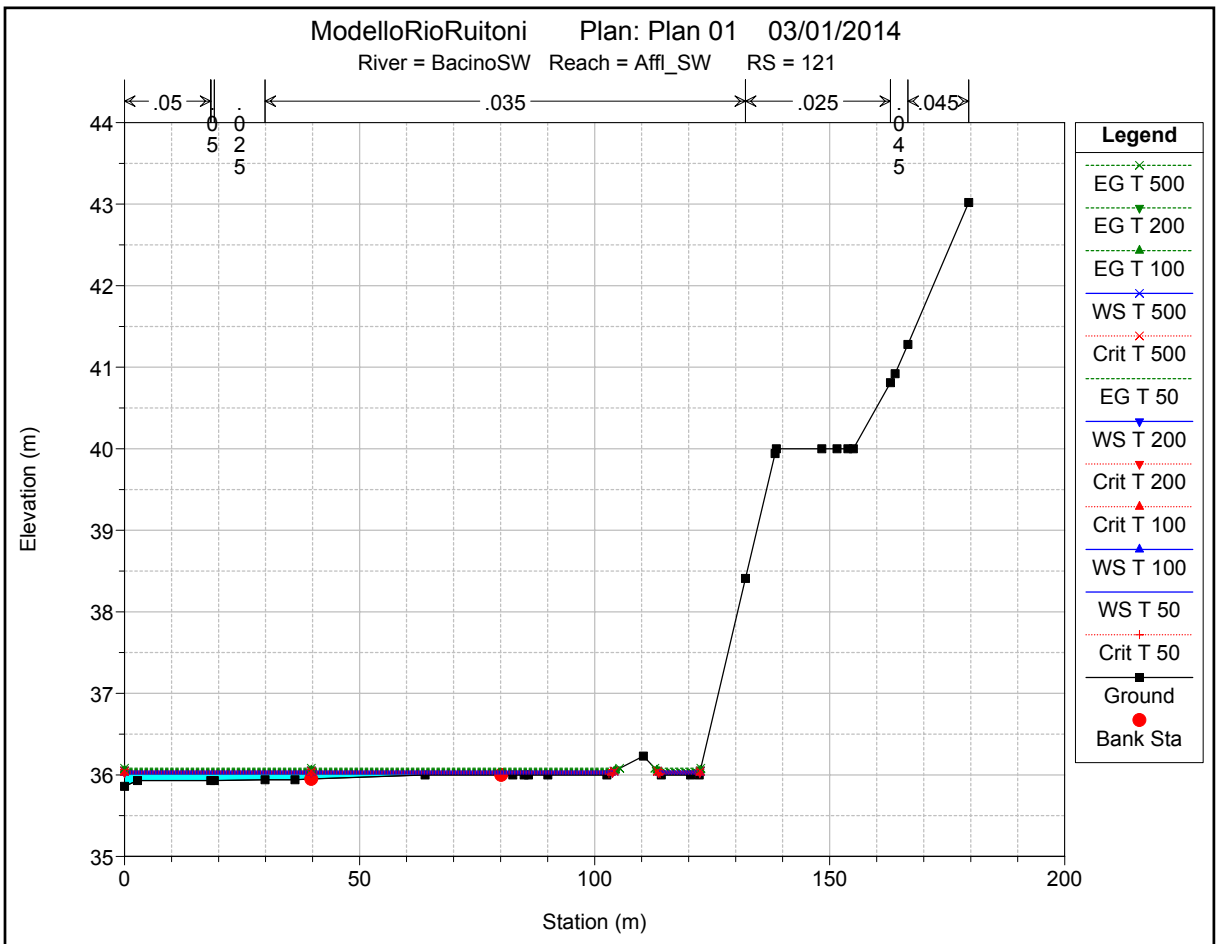

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 350
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta

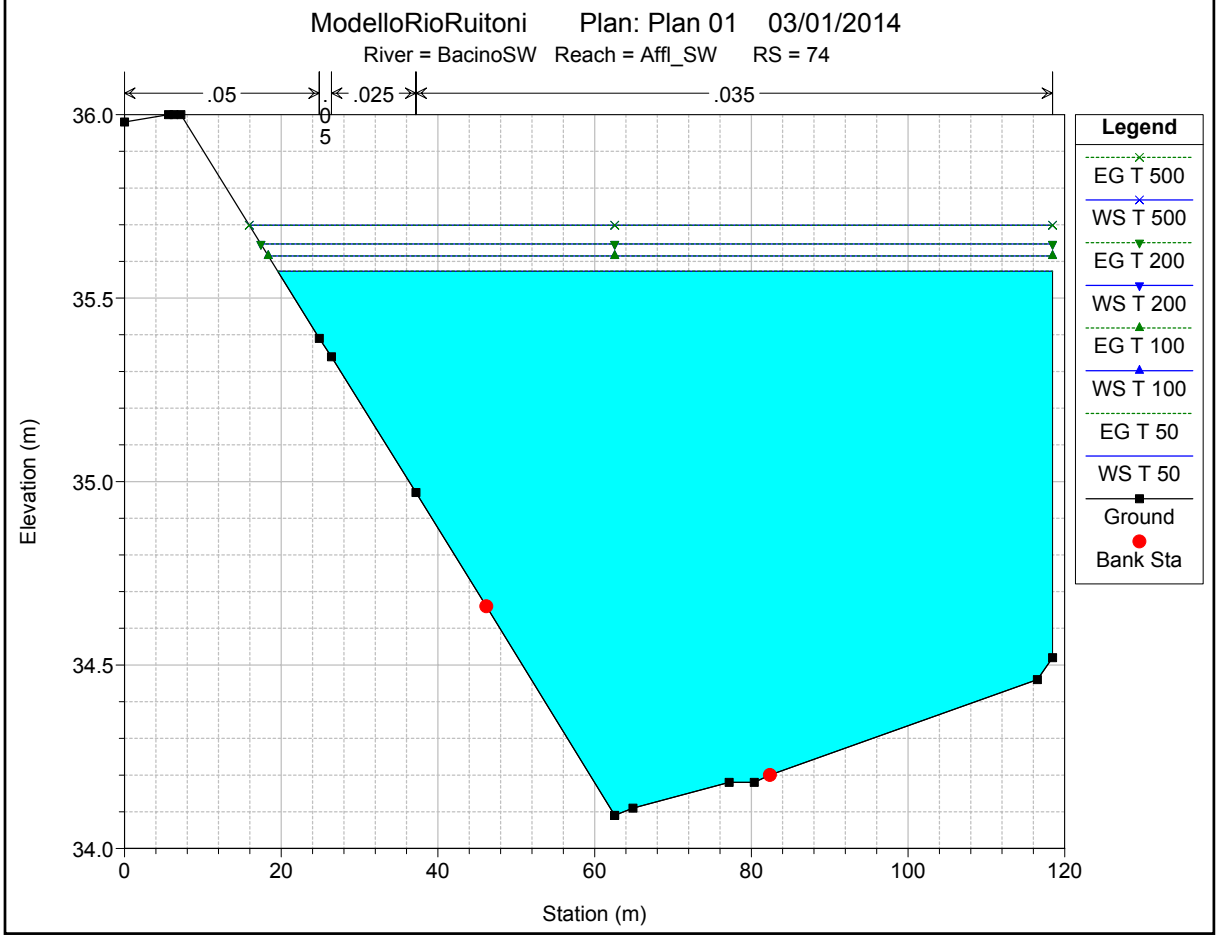

ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 338
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 240
.025
.025
.035
.025
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 187
.025
.025
.035
.025
.04
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 160
.05
.025
.035
.025
.04
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 121
.05
.035
.025
.045
Elevation (m)
Station (m)
Legend
EG T 500
EG T 200
EG T 100
WS T 500
Crit T 500
EG T 50
WS T 200
Crit T 200
Crit T 100
WS T 100
WS T 50
Crit T 50
Ground
Bank Sta


ModelloRioRuitoni Plan: Plan 01 03/01/2014
River = BacinoSW Reach = Affl_SW RS = 74
.05
.025
.035
Elevation (m)
Station (m)
Legend
EG T 500
WS T 500
EG T 200
WS T 200
EG T 100
WS T 100
EG T 50
WS T 50
Ground
Bank Sta

HEC-RAS Plan: Plan 01 River: BacinoSW Reach: Affl_SW

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)	
Affl_SW	1650	T 50	3.34	189.72	190.08	190.08	190.19	0.033029	1.46	2.28	10.40	1.00
Affl_SW	1650	T 100	4.26	189.72	190.12	190.12	190.25	0.032333	1.58	2.70	10.88	1.01
Affl_SW	1650	T 200	5.23	189.72	190.16	190.16	190.30	0.030348	1.65	3.18	11.39	1.00
Affl_SW	1650	T 500	6.60	189.72	190.21	190.21	190.37	0.030188	1.76	3.75	12.09	1.01
Affl_SW	1600	T 50	3.34	176.76	177.10	177.10	177.21	0.032956	1.47	2.27	10.27	1.00
Affl_SW	1600	T 100	4.26	176.76	177.14	177.14	177.26	0.031847	1.56	2.73	11.03	1.00
Affl_SW	1600	T 200	5.23	176.76	177.18	177.18	177.32	0.031410	1.65	3.18	11.72	1.01
Affl_SW	1600	T 500	6.60	176.76	177.23	177.23	177.38	0.030008	1.73	3.82	12.65	1.00
Affl_SW	1550	T 50	3.34	167.95	168.19	168.19	168.27	0.035867	1.31	2.55	14.69	1.00
Affl_SW	1550	T 100	4.26	167.95	168.22	168.22	168.32	0.033859	1.40	3.04	15.15	1.00
Affl_SW	1550	T 200	5.23	167.95	168.25	168.25	168.36	0.035162	1.52	3.44	15.50	1.03
Affl_SW	1550	T 500	6.60	167.95	168.29	168.29	168.42	0.032163	1.60	4.12	16.09	1.01
Affl_SW	1500	T 50	3.34	156.90	157.15	157.15	157.22	0.036890	1.22	2.74	18.00	0.99
Affl_SW	1500	T 100	4.26	156.90	157.18	157.18	157.26	0.035150	1.31	3.25	18.38	1.00
Affl_SW	1500	T 200	5.23	156.90	157.20	157.20	157.30	0.036453	1.42	3.68	18.98	1.03
Affl_SW	1500	T 500	6.60	156.90	157.24	157.24	157.35	0.033491	1.47	4.50	20.75	1.01
Affl_SW	1450	T 50	3.34	147.27	147.74	147.74	147.86	0.032251	1.51	2.21	9.39	1.00
Affl_SW	1450	T 100	4.26	147.27	147.79	147.79	147.92	0.031382	1.59	2.68	10.34	1.00
Affl_SW	1450	T 200	5.23	147.27	147.83	147.83	147.97	0.030093	1.68	3.12	10.78	0.99
Affl_SW	1450	T 500	6.60	147.27	147.88	147.88	148.04	0.029363	1.80	3.66	11.12	1.00
Affl_SW	1400	T 50	3.34	139.46	139.72	139.72	139.80	0.039621	1.31	2.55	15.74	1.04
Affl_SW	1400	T 100	4.26	139.46	139.75	139.75	139.85	0.035251	1.38	3.08	16.09	1.01
Affl_SW	1400	T 200	5.23	139.46	139.78	139.78	139.89	0.032885	1.46	3.58	16.40	1.00
Affl_SW	1400	T 500	6.60	139.46	139.82	139.82	139.94	0.032050	1.57	4.19	16.78	1.01
Affl_SW	1350	T 50	3.34	129.70	130.05	130.05	130.20	0.031269	1.66	2.01	7.19	1.01
Affl_SW	1350	T 100	4.26	129.70	130.11	130.11	130.27	0.029699	1.77	2.41	7.58	1.00
Affl_SW	1350	T 200	5.23	129.70	130.16	130.16	130.34	0.028805	1.87	2.80	7.94	1.00
Affl_SW	1350	T 500	6.60	129.70	130.22	130.22	130.42	0.028035	1.98	3.33	8.40	1.01
Affl_SW	1300	T 50	3.34	120.00	120.25	120.25	120.37	0.032802	1.54	2.17	9.03	1.00
Affl_SW	1300	T 100	4.26	120.00	120.29	120.29	120.44	0.031479	1.66	2.56	9.16	1.00
Affl_SW	1300	T 200	5.23	120.00	120.34	120.34	120.50	0.029833	1.76	2.96	9.30	1.00
Affl_SW	1300	T 500	6.60	120.00	120.39	120.39	120.58	0.029057	1.91	3.46	9.47	1.01
Affl_SW	1270	T 50	3.34	115.06	115.37	115.37	115.46	0.034554	1.35	2.48	13.31	0.99
Affl_SW	1270	T 100	4.26	115.06	115.40	115.40	115.51	0.032984	1.45	2.94	13.64	1.00
Affl_SW	1270	T 200	5.23	115.06	115.43	115.43	115.55	0.031769	1.54	3.40	13.96	1.00
Affl_SW	1270	T 500	6.60	115.06	115.47	115.47	115.61	0.031886	1.67	3.94	14.33	1.02
Affl_SW	1212	T 50	3.34	103.14	103.57	103.57	103.70	0.032719	1.61	2.07	8.03	1.01
Affl_SW	1212	T 100	4.26	103.14	103.62	103.62	103.77	0.030103	1.71	2.48	8.22	1.00
Affl_SW	1212	T 200	5.23	103.14	103.66	103.66	103.84	0.029727	1.84	2.85	8.49	1.01
Affl_SW	1212	T 500	6.60	103.14	103.73	103.73	103.92	0.028039	1.96	3.39	9.18	1.00
Affl_SW	1150	T 50	3.34	96.00	96.24	96.24	96.36	0.035373	1.50	2.22	10.22	1.03
Affl_SW	1150	T 100	4.26	96.00	96.29	96.29	96.42	0.031528	1.58	2.70	10.65	1.00
Affl_SW	1150	T 200	5.23	96.00	96.33	96.33	96.47	0.030976	1.68	3.12	11.00	1.01
Affl_SW	1150	T 500	6.60	96.00	96.39	96.39	96.54	0.029755	1.74	3.80	12.40	1.00
Affl_SW	1099	T 50	3.34	88.36	88.84	88.84	88.99	0.031902	1.71	1.95	6.84	1.02
Affl_SW	1099	T 100	4.26	88.36	88.90	88.90	89.06	0.029969	1.78	2.39	7.51	1.01
Affl_SW	1099	T 200	5.23	88.36	88.95	88.95	89.13	0.029399	1.87	2.80	8.08	1.01
Affl_SW	1099	T 500	6.60	88.36	89.02	89.02	89.22	0.028168	1.95	3.38	8.83	1.01
Affl_SW	1039	T 50	3.34	84.00	84.14	84.14	84.20	0.040656	1.13	2.94	23.59	1.03
Affl_SW	1039	T 100	4.26	84.00	84.16	84.16	84.24	0.036424	1.20	3.56	24.41	1.00
Affl_SW	1039	T 200	5.23	84.00	84.18	84.18	84.27	0.038120	1.30	4.01	24.99	1.04
Affl_SW	1039	T 500	6.60	84.00	84.22	84.22	84.31	0.033270	1.35	4.88	26.07	1.00
Affl_SW	1000	T 50	3.34	79.44	79.76	79.76	79.84	0.036203	1.25	2.67	16.51	1.00
Affl_SW	1000	T 100	4.26	79.44	79.80	79.80	79.88	0.035038	1.32	3.24	18.20	1.00
Affl_SW	1000	T 200	5.23	79.44	79.83	79.83	79.92	0.034081	1.37	3.82	19.76	0.99
Affl_SW	1000	T 500	6.60	79.44	79.86	79.86	79.97	0.033037	1.44	4.60	21.69	0.99
Affl_SW	950	T 50	3.34	74.39	74.78	74.78	74.86	0.031759	1.31	2.55	14.77	1.01
Affl_SW	950	T 100	4.26	74.39	74.82	74.82	74.91	0.030317	1.34	3.19	17.29	0.99
Affl_SW	950	T 200	5.23	74.39	74.85	74.85	74.95	0.031483	1.39	3.77	19.66	1.01
Affl_SW	950	T 500	6.60	74.39	74.89	74.89	74.99	0.030615	1.40	4.72	23.43	0.99
Affl_SW	900	T 50	3.34	70.48	70.66	70.66	70.73	0.043282	1.16	2.89	23.13	1.04
Affl_SW	900	T 100	4.26	70.48	70.69	70.69	70.76	0.039622	1.22	3.50	24.29	1.02
Affl_SW	900	T 200	5.23	70.48	70.71	70.71	70.79	0.036827	1.27	4.12	25.41	1.01
Affl_SW	900	T 500	6.60	70.48	70.74	70.74	70.83	0.034715	1.34	4.93	26.80	1.00
Affl_SW	850	T 50	3.34	65.50	65.88	65.88	65.97	0.027959	1.38	2.42	12.83	1.01
Affl_SW	850	T 100	4.26	65.50	65.92	65.92	66.02	0.025772	1.43	2.99	14.25	1.00
Affl_SW	850	T 200	5.23	65.50	65.95	65.95	66.07	0.025034	1.49	3.52	15.47	0.99
Affl_SW	850	T 500	6.60	65.50	66.00	66.00	66.12	0.024378	1.56	4.24	16.97	1.00
Affl_SW	800	T 50	3.34	60.00	60.15	60.14	60.20	0.030366	1.01	3.31	24.83	0.88
Affl_SW	800	T 100	4.26	60.00	60.18	60.16	60.23	0.027483	1.07	4.00	25.71	0.86

HEC-RAS Plan: Plan 01 River: BacinoSW Reach: Affl_SW (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)	
Affl_SW	800	T 200	5.23	60.00	60.20	60.18	60.27	0.026648	1.14	4.61	26.31	0.87
Affl_SW	800	T 500	6.60	60.00	60.22	60.21	60.30	0.028987	1.27	5.20	26.75	0.92
Affl_SW	700	T 50	3.34	56.72	57.00	57.00	57.06	0.032251	1.12	2.99	20.12	0.93
Affl_SW	700	T 100	4.26	56.72	57.02	57.02	57.10	0.036267	1.25	3.41	21.22	1.00
Affl_SW	700	T 200	5.23	56.72	57.06	57.06	57.13	0.037585	1.20	4.34	29.33	1.00
Affl_SW	700	T 500	6.60	56.72	57.09	57.09	57.16	0.034168	1.20	5.51	37.76	1.00
Affl_SW	650	T 50	3.34	53.81	54.04	54.04	54.09	0.029630	0.99	3.37	26.88	0.89
Affl_SW	650	T 100	4.26	53.81	54.06	54.06	54.12	0.036676	1.14	3.75	28.49	1.00
Affl_SW	650	T 200	5.23	53.81	54.09	54.09	54.15	0.036087	1.12	4.66	35.74	0.99
Affl_SW	650	T 500	6.60	53.81	54.11	54.11	54.18	0.036867	1.18	5.58	40.28	1.01
Affl_SW	600	T 50	3.34	51.48	51.62	51.62	51.67	0.032223	1.02	3.46	41.26	0.99
Affl_SW	600	T 100	4.26	51.48	51.64	51.64	51.69	0.026325	1.02	4.53	49.17	0.92
Affl_SW	600	T 200	5.23	51.48	51.67	51.67	51.71	0.018855	0.97	5.95	50.97	0.80
Affl_SW	600	T 500	6.60	51.48	51.68	51.68	51.74	0.023922	1.13	6.42	52.27	0.91
Affl_SW	550	T 50	3.34	48.53	48.89	48.87	48.93	0.021972	0.97	3.43	25.55	0.85
Affl_SW	550	T 100	4.26	48.53	48.92	48.89	48.97	0.019526	1.00	4.28	27.44	0.80
Affl_SW	550	T 200	5.23	48.53	48.93	48.93	48.99	0.025183	1.16	4.53	27.97	0.92
Affl_SW	550	T 500	6.60	48.53	48.95	48.95	49.03	0.026519	1.26	5.26	29.48	0.95
Affl_SW	500	T 50	3.34	47.26	47.35	47.35	47.39	0.046474	0.87	3.86	53.62	1.03
Affl_SW	500	T 100	4.26	47.26	47.36	47.36	47.41	0.057622	1.02	4.19	54.08	1.16
Affl_SW	500	T 200	5.23	47.26	47.38	47.38	47.43	0.039327	0.99	5.35	55.65	0.99
Affl_SW	500	T 500	6.60	47.26	47.39	47.39	47.45	0.038503	1.08	6.23	56.81	1.01
Affl_SW	450	T 50	3.34	44.70	44.93	44.90	44.97	0.017369	0.94	3.57	23.59	0.77
Affl_SW	450	T 100	4.26	44.70	44.96	44.93	45.01	0.016552	0.98	4.33	25.65	0.76
Affl_SW	450	T 200	5.23	44.70	44.99	44.95	45.04	0.015274	1.00	5.23	28.41	0.74
Affl_SW	450	T 500	6.60	44.70	44.99	44.98	45.07	0.025231	1.28	5.16	28.20	0.95
Affl_SW	400	T 50	3.34	43.59	43.70	43.70	43.73	0.039061	0.78	4.29	68.54	0.99
Affl_SW	400	T 100	4.26	43.59	43.71	43.71	43.74	0.043565	0.87	4.89	71.54	1.06
Affl_SW	400	T 200	5.23	43.59	43.71	43.71	43.76	0.052558	0.99	5.28	73.48	1.18
Affl_SW	400	T 500	6.60	43.59	43.74	43.74	43.78	0.025723	0.87	7.60	75.71	0.87
Affl_SW	350	T 50	3.34	41.48	41.67	41.67	41.72	0.033135	1.01	3.32	31.97	0.99
Affl_SW	350	T 100	4.26	41.48	41.69	41.69	41.75	0.031858	1.08	3.95	33.24	1.00
Affl_SW	350	T 200	5.23	41.48	41.71	41.71	41.77	0.031259	1.15	4.56	34.43	1.01
Affl_SW	350	T 500	6.60	41.48	41.73	41.73	41.81	0.029384	1.21	5.44	36.08	1.00
Affl_SW	338	T 50	3.34	41.00	41.20	41.20	41.25	0.033200	1.00	3.35	33.16	1.00
Affl_SW	338	T 100	4.26	41.00	41.22	41.22	41.28	0.031199	1.07	4.02	34.47	0.99
Affl_SW	338	T 200	5.23	41.00	41.24	41.24	41.30	0.030259	1.13	4.65	35.66	0.99
Affl_SW	338	T 500	6.60	41.00	41.26	41.26	41.34	0.029335	1.21	5.50	37.19	1.00
Affl_SW	240	T 50	3.34	38.61	38.94	38.94	39.03	0.010881	1.33	2.51	13.70	1.00
Affl_SW	240	T 100	4.26	38.61	38.98	38.98	39.08	0.010546	1.41	3.03	14.89	1.00
Affl_SW	240	T 200	5.23	38.61	39.01	39.01	39.12	0.010240	1.47	3.56	16.01	1.00
Affl_SW	240	T 500	6.60	38.61	39.05	39.05	39.18	0.010247	1.56	4.22	17.31	1.01
Affl_SW	187	T 50	3.34	36.00	36.21	36.20	36.28	0.010182	1.22	2.74	16.44	0.96
Affl_SW	187	T 100	4.26	36.00	36.23	36.23	36.33	0.010747	1.34	3.18	17.29	1.00
Affl_SW	187	T 200	5.23	36.00	36.26	36.26	36.37	0.010391	1.41	3.71	18.28	1.00
Affl_SW	187	T 500	6.60	36.00	36.30	36.30	36.42	0.010013	1.49	4.43	19.52	1.00
Affl_SW	160	T 50	3.34	36.00	36.17		36.17	0.001627	0.30	11.03	68.88	0.24
Affl_SW	160	T 100	4.26	36.00	36.19		36.19	0.001829	0.35	12.34	69.04	0.26
Affl_SW	160	T 200	5.23	36.00	36.21		36.22	0.001795	0.37	14.06	69.25	0.26
Affl_SW	160	T 500	6.60	36.00	36.23		36.24	0.001995	0.42	15.69	69.45	0.28
Affl_SW	121	T 50	3.34	35.95	36.01	36.01	36.04	0.027356	0.44	4.83	111.42	0.83
Affl_SW	121	T 100	4.26	35.95	36.03	36.03	36.05	0.019430	0.50	6.53	112.24	0.75
Affl_SW	121	T 200	5.23	35.95	36.04	36.04	36.07	0.021669	0.57	7.24	112.58	0.82
Affl_SW	121	T 500	6.60	35.95	36.05	36.05	36.08	0.021601	0.65	8.46	113.17	0.84
Affl_SW	74	T 50	3.34	34.09	35.57		35.57	0.000001	0.03	104.48	98.88	0.01
Affl_SW	74	T 100	4.26	34.09	35.61		35.61	0.000001	0.04	108.63	100.09	0.01
Affl_SW	74	T 200	5.23	34.09	35.65		35.65	0.000002	0.05	111.92	101.04	0.01
Affl_SW	74	T 500	6.60	34.09	35.70		35.70	0.000003	0.06	117.11	102.51	0.02