



PROVINCIA DI SASSARI  
COMUNE DI TISSI

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

PERIMETRAZIONE DELLE AREE A PERICOLOSITA'  
IDRAULICA IN APPLICAZIONE DELL'ART.8 COMMA 2  
DELLE NORME DI ATTUAZIONE DEL P.A.I.

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RIO SU E' TISSI  
VERIFICHE IDRAULICHE

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TAVOLA N°	SCALA	DATA
		Febbraio 2013
		agg. Dicembre 2013
6.2		agg. Aprile 2015

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I TECNICI INCARICATI

Ing. Maddalena Idili

Geol. Maddalena Moroso

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IL SINDACO  
Mauro Scarpa

IL RESPONSABILE DEL PROCEDIMENTO  
Geom. Angelino Pani

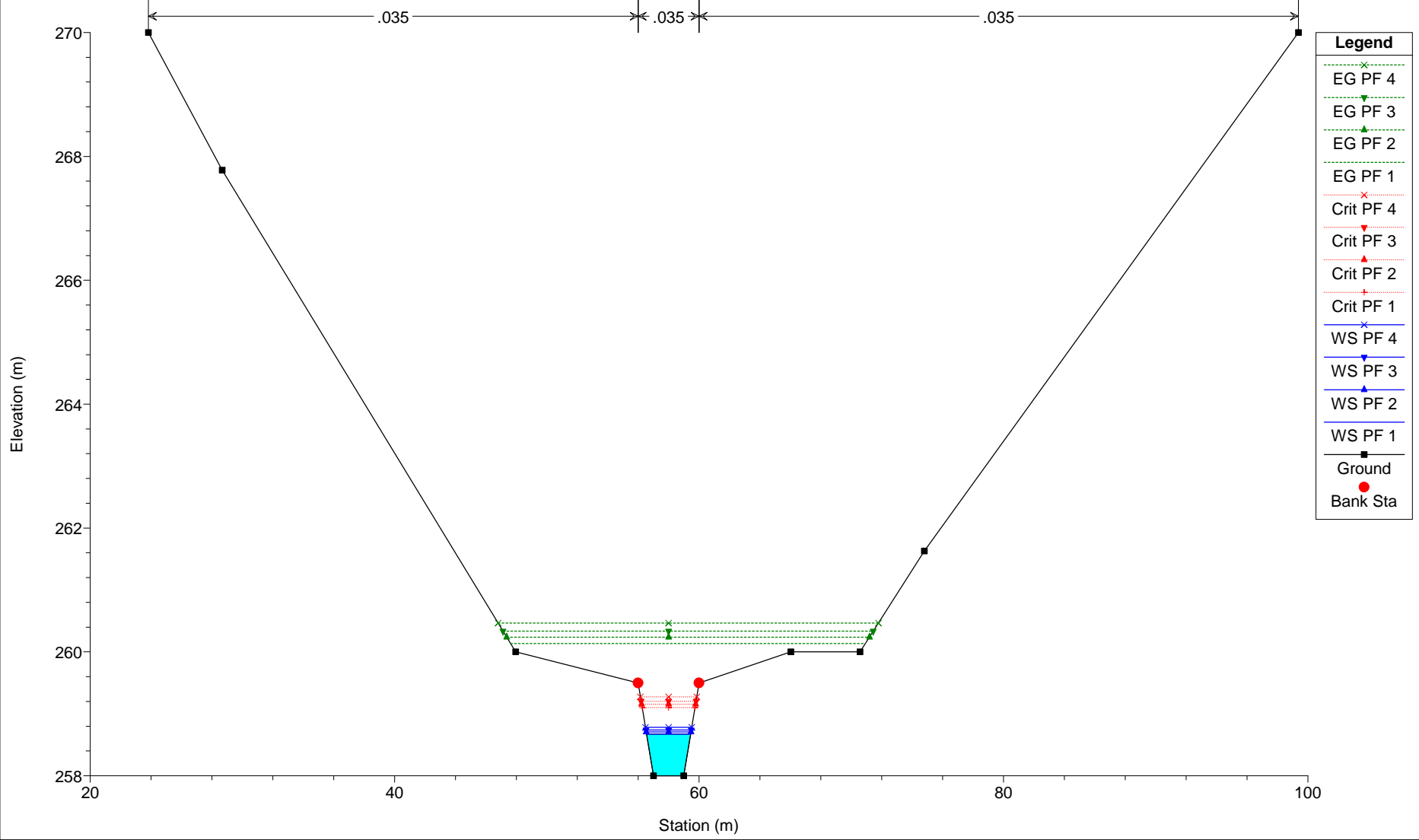
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Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

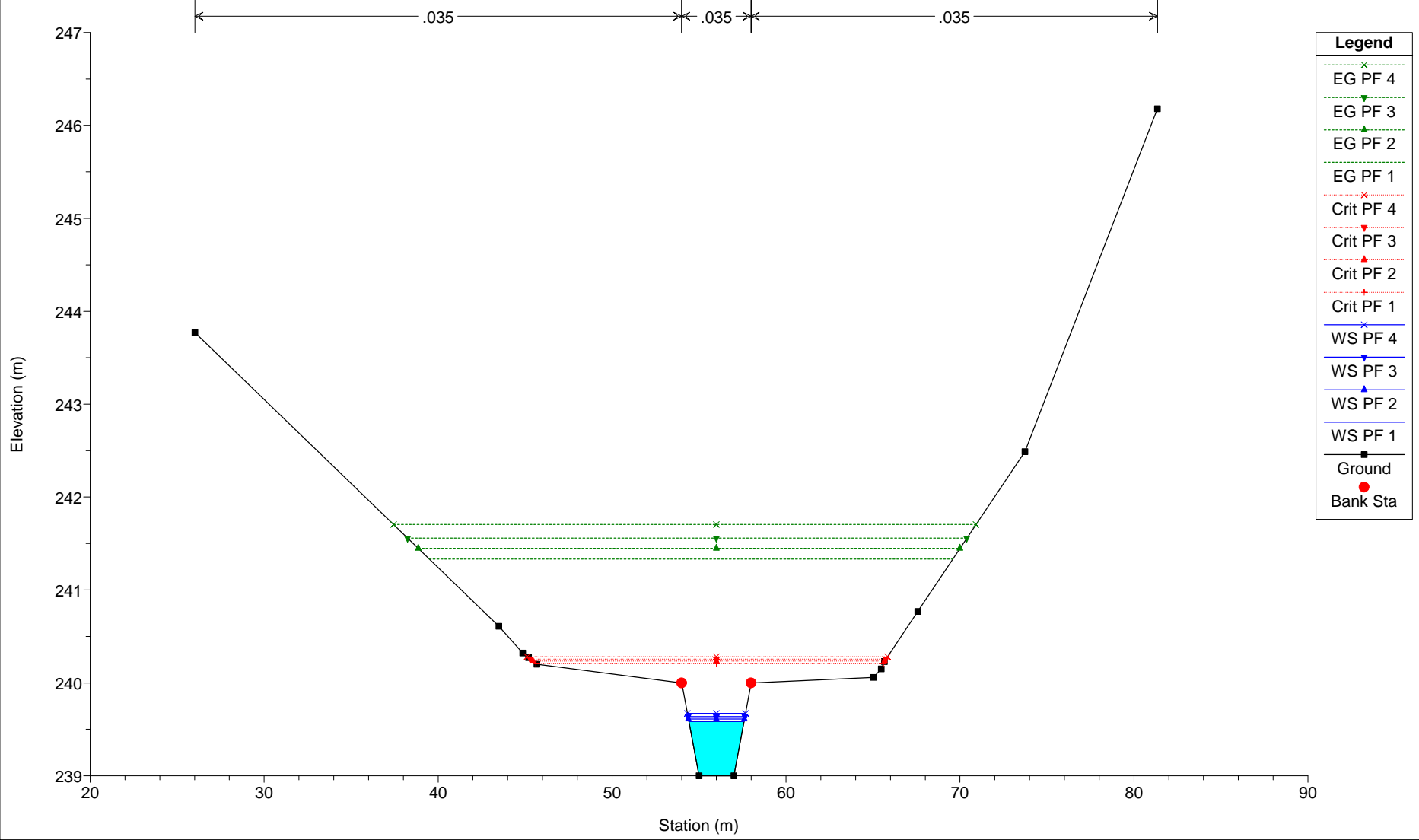
River = Affluente Reach = Affluente RS = 653.1954



Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

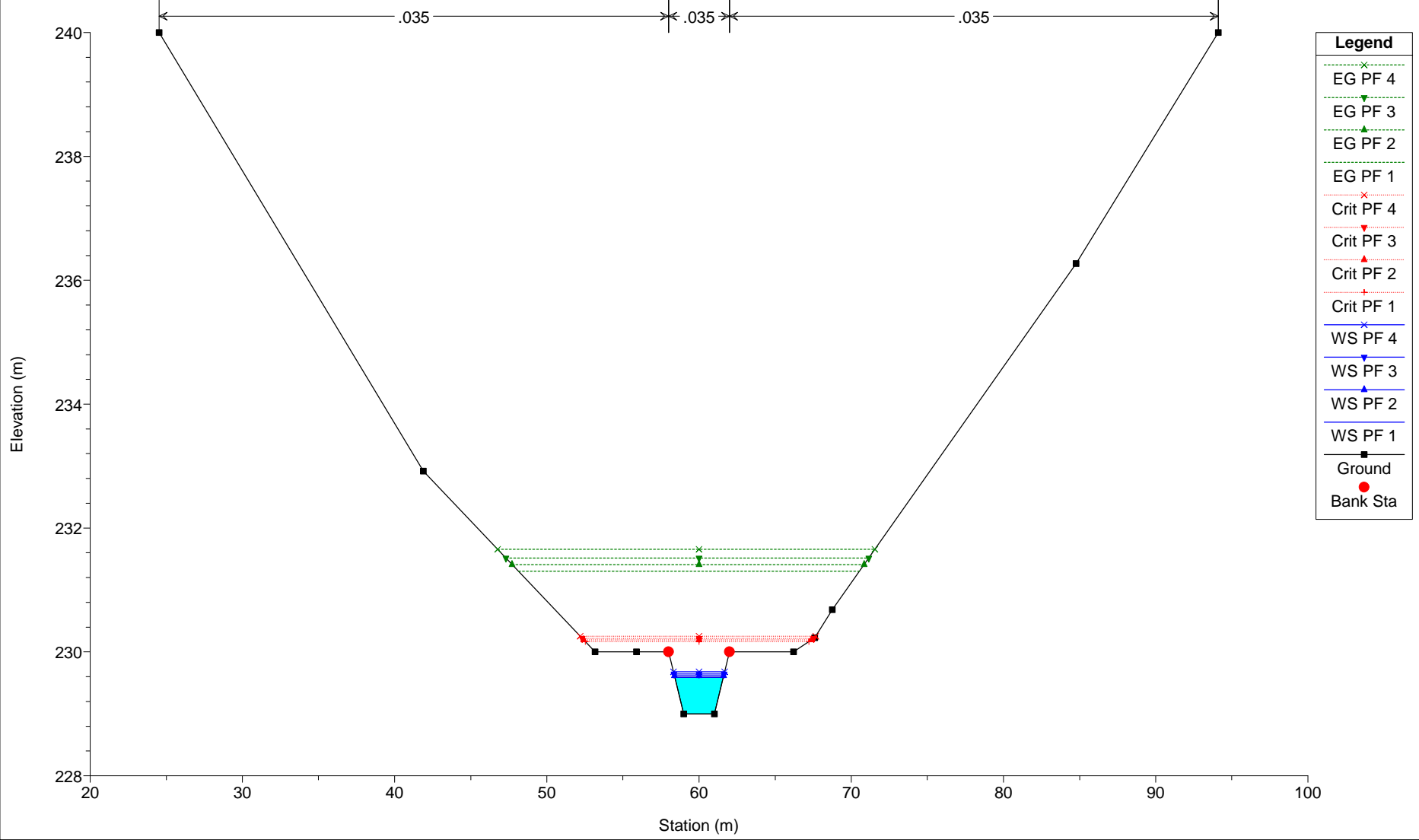
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Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

River = Affluente Reach = Affluente RS = 439.2115

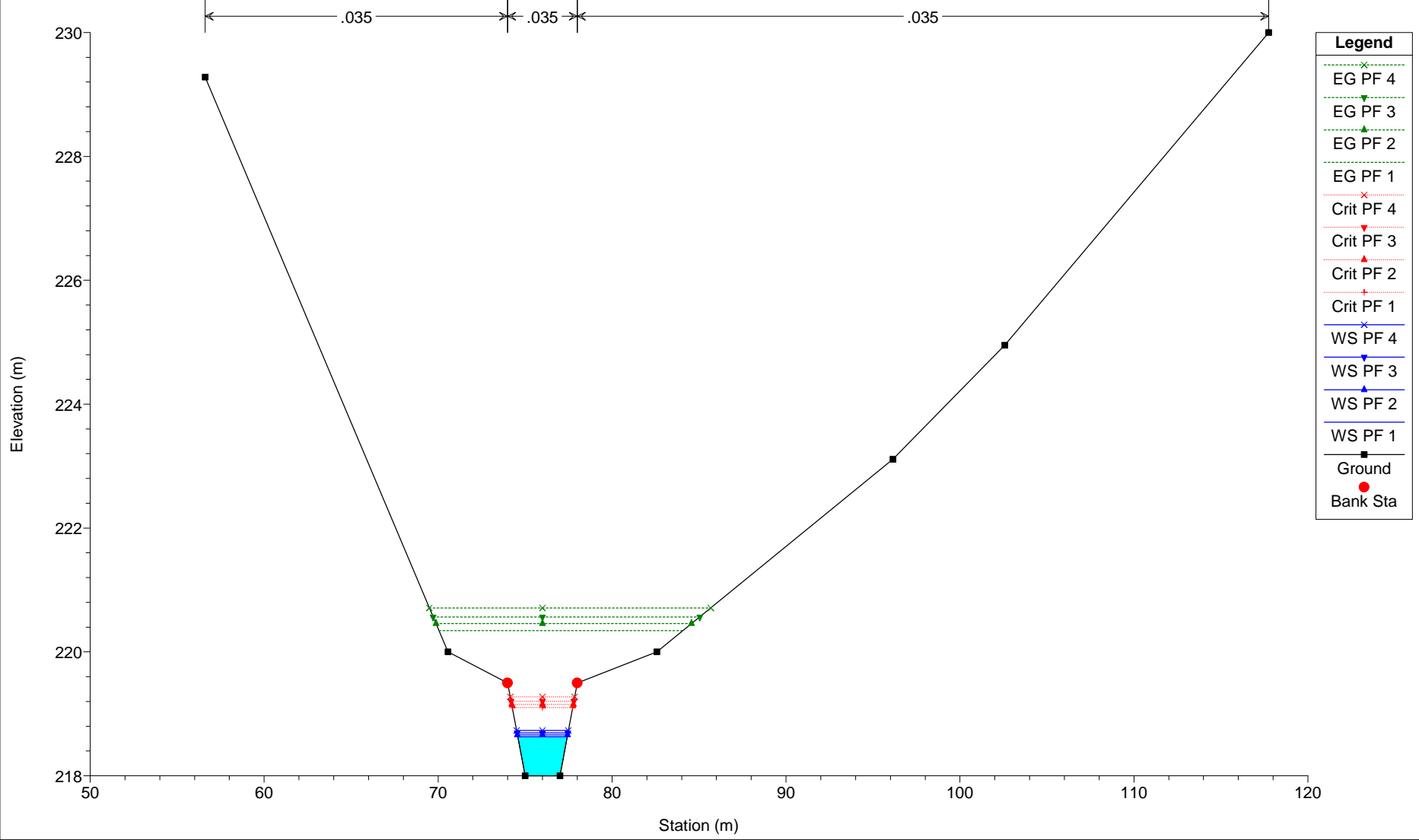


Legend	
EG PF 4	Green dotted line with 'x'
EG PF 3	Green dotted line with downward triangle
EG PF 2	Green dotted line with upward triangle
EG PF 1	Green dotted line with 'x'
Crit PF 4	Red dotted line with 'x'
Crit PF 3	Red dotted line with downward triangle
Crit PF 2	Red dotted line with upward triangle
Crit PF 1	Red dotted line with '+'
WS PF 4	Blue solid line with 'x'
WS PF 3	Blue solid line with downward triangle
WS PF 2	Blue solid line with upward triangle
WS PF 1	Blue solid line with 'x'
Ground	Black solid line with square
Bank Sta	Red solid line with circle

Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

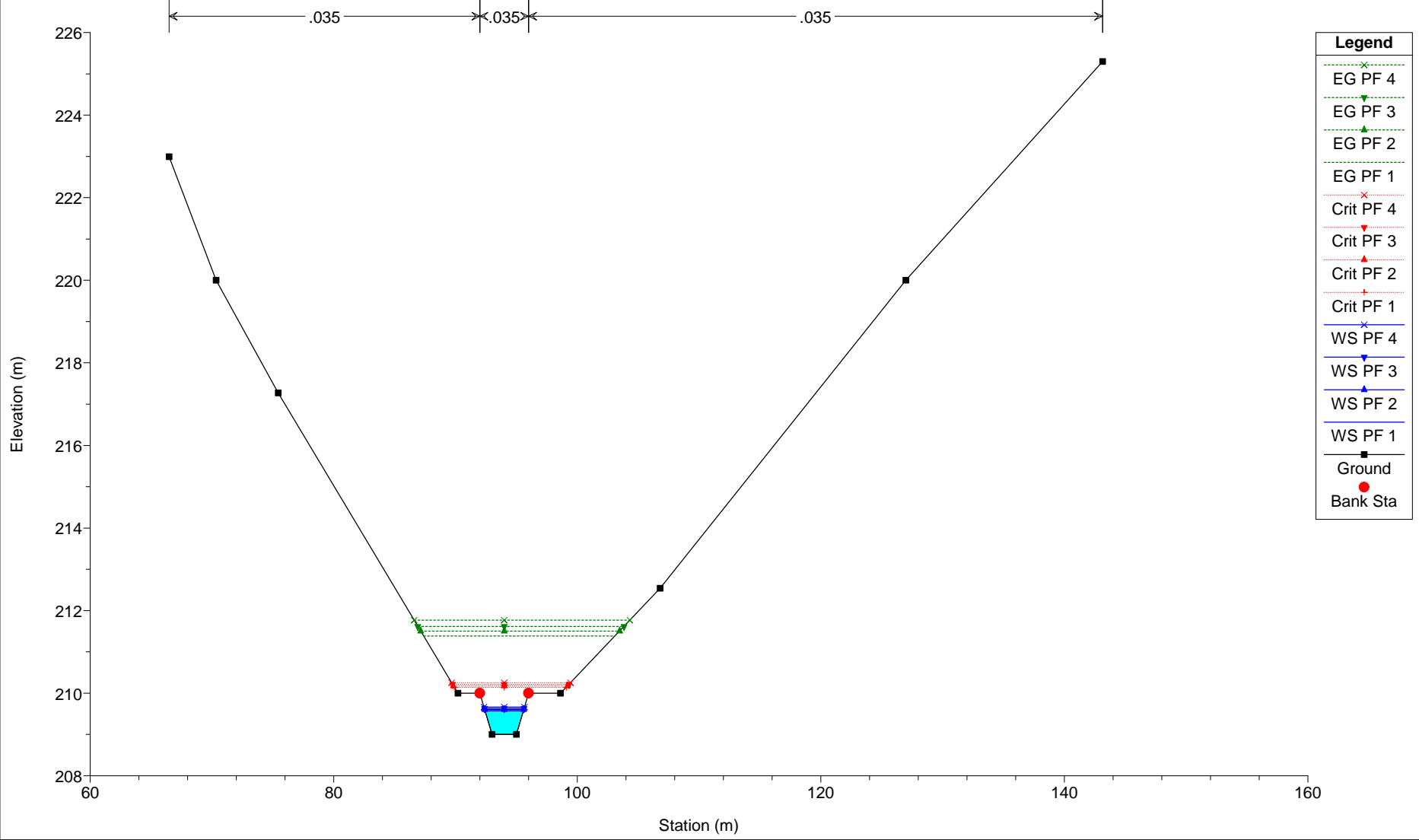
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Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

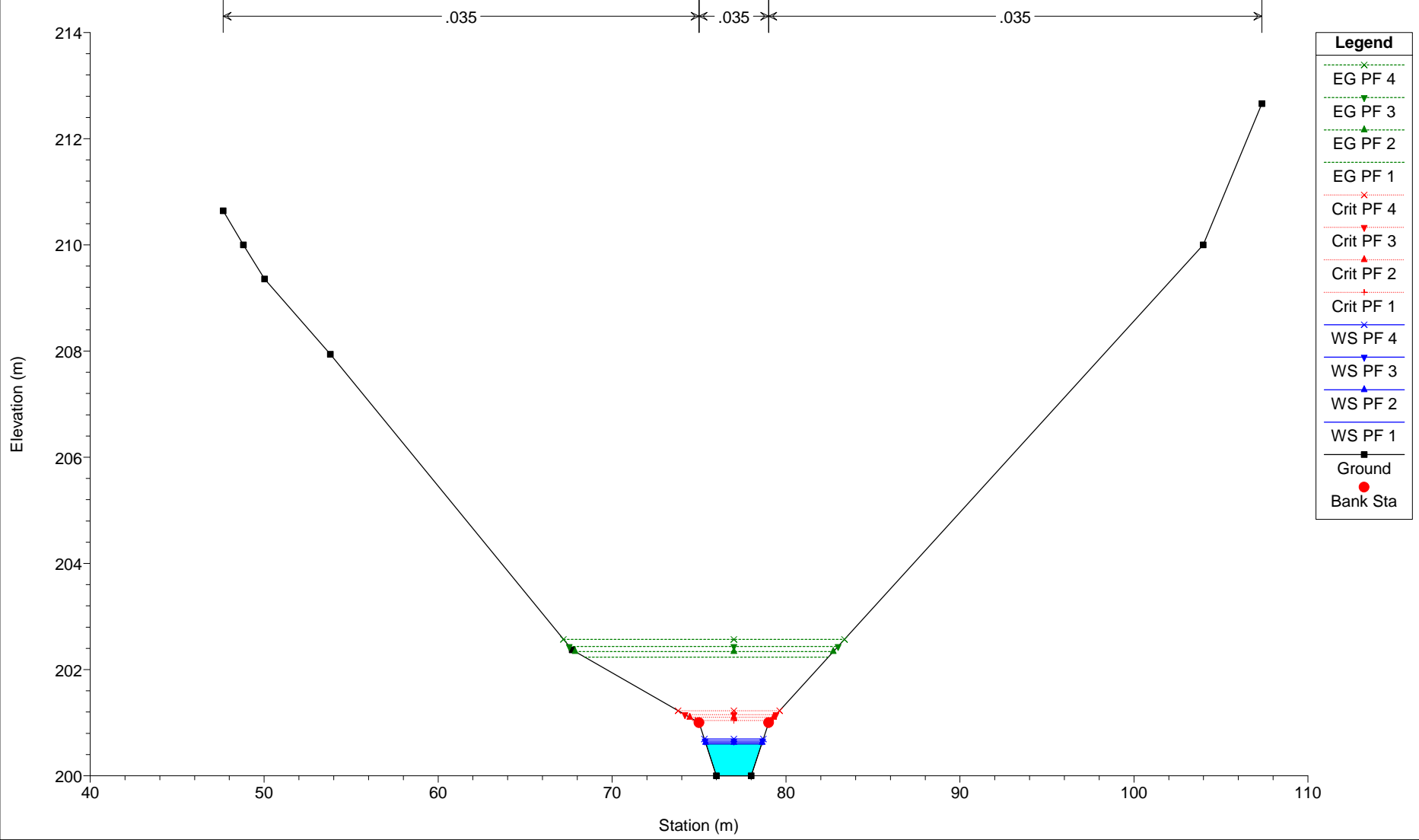
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Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

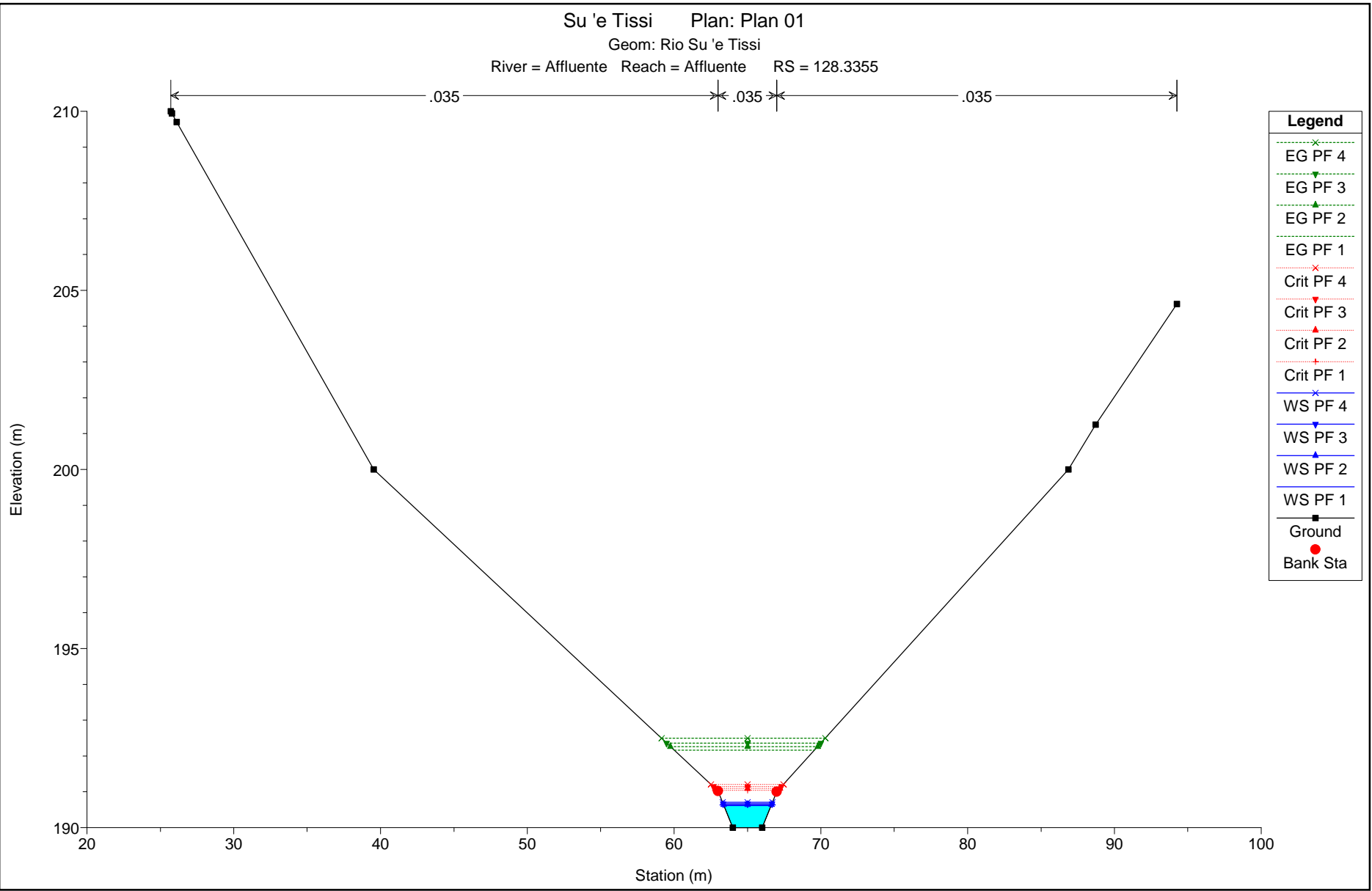
River = Affluente Reach = Affluente RS = 215.6998



Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

River = Affluente Reach = Affluente RS = 128.3355

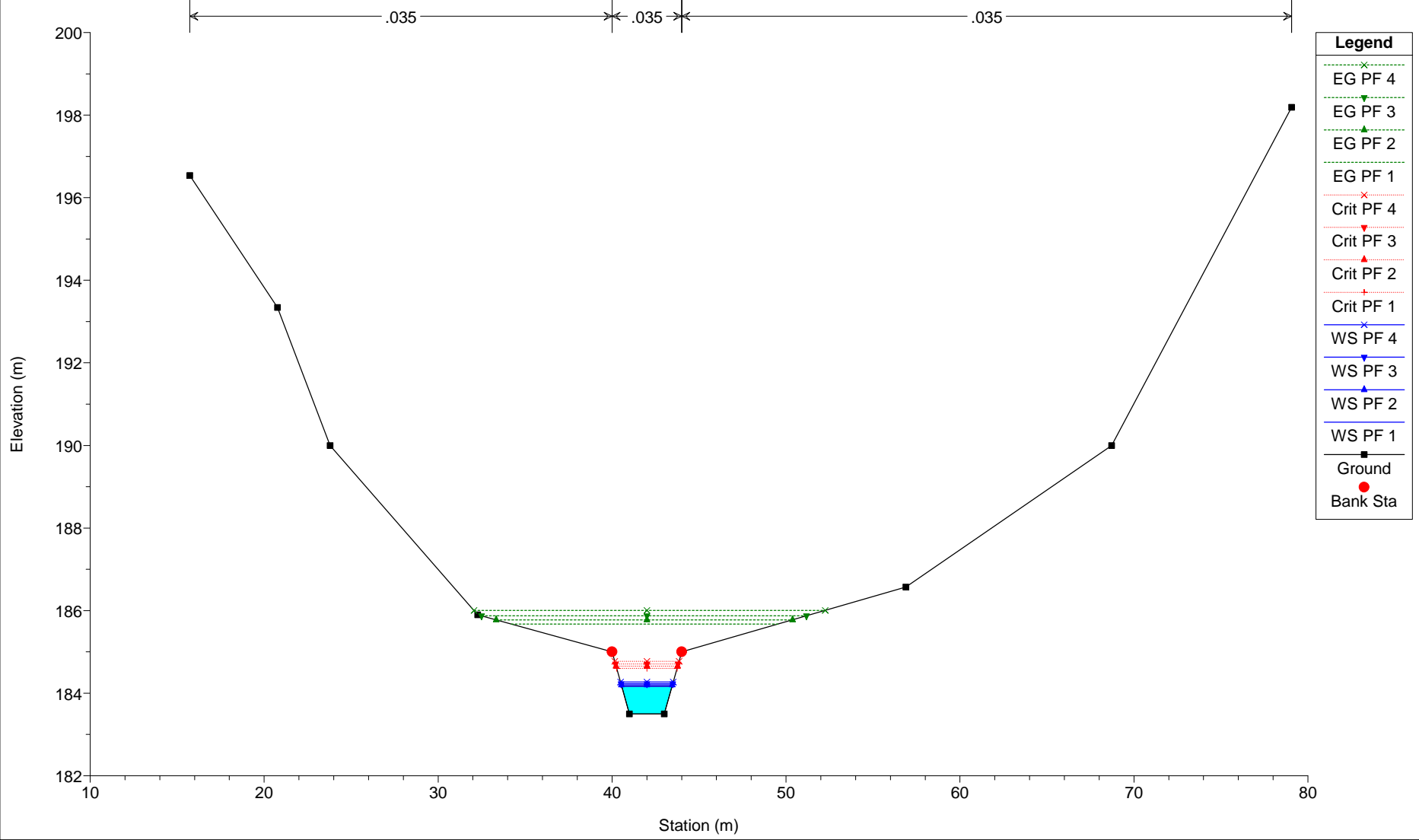




Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

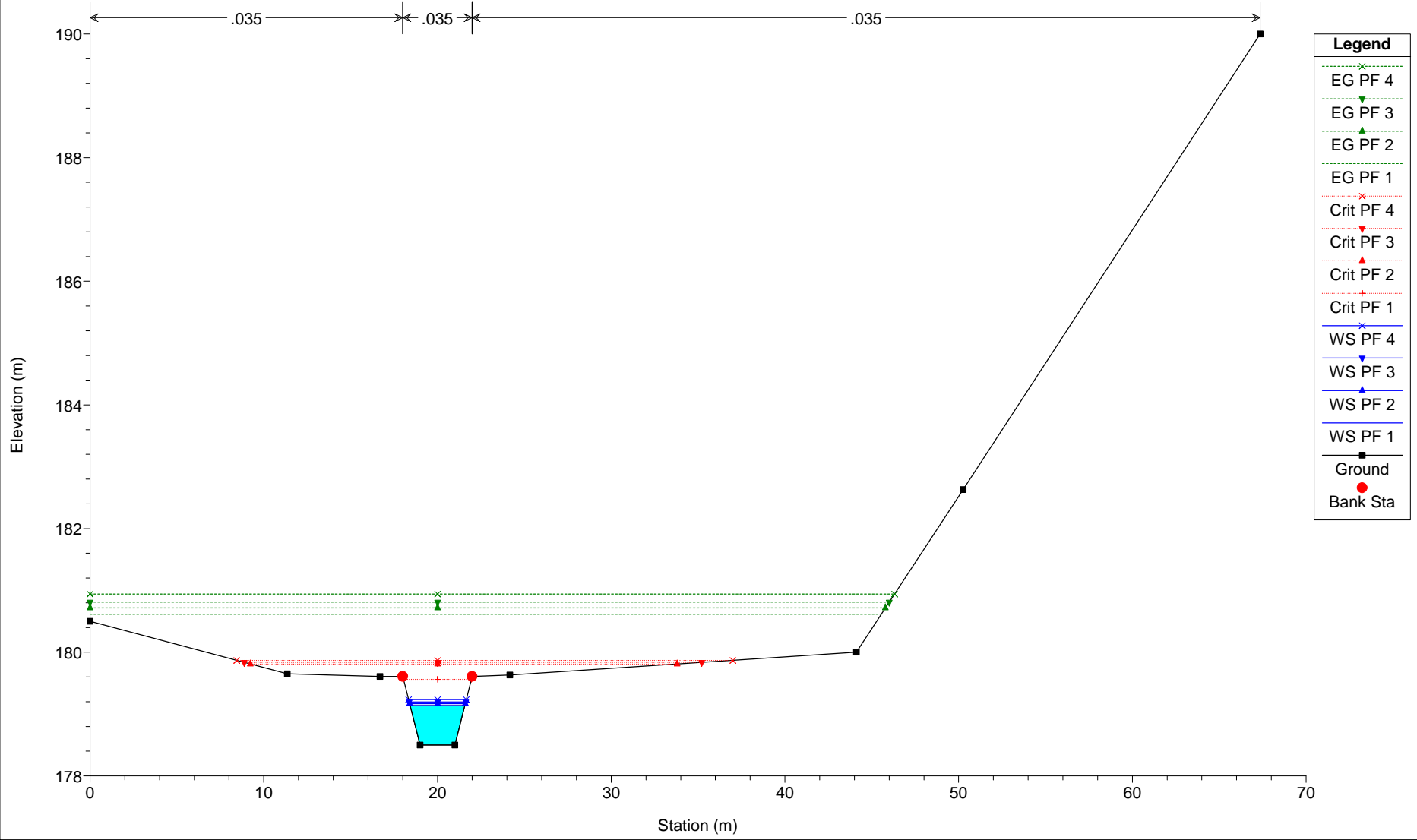
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Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

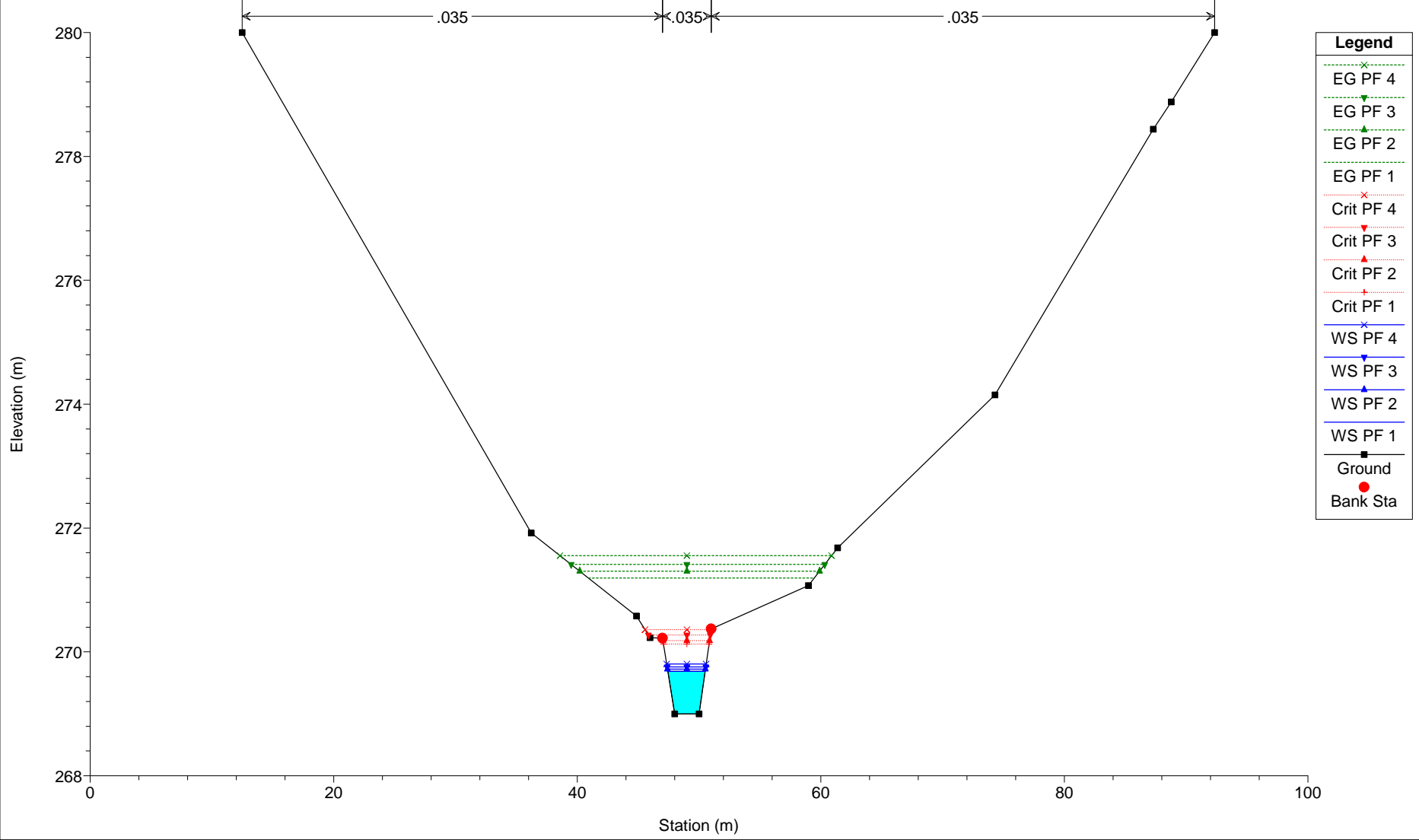
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Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

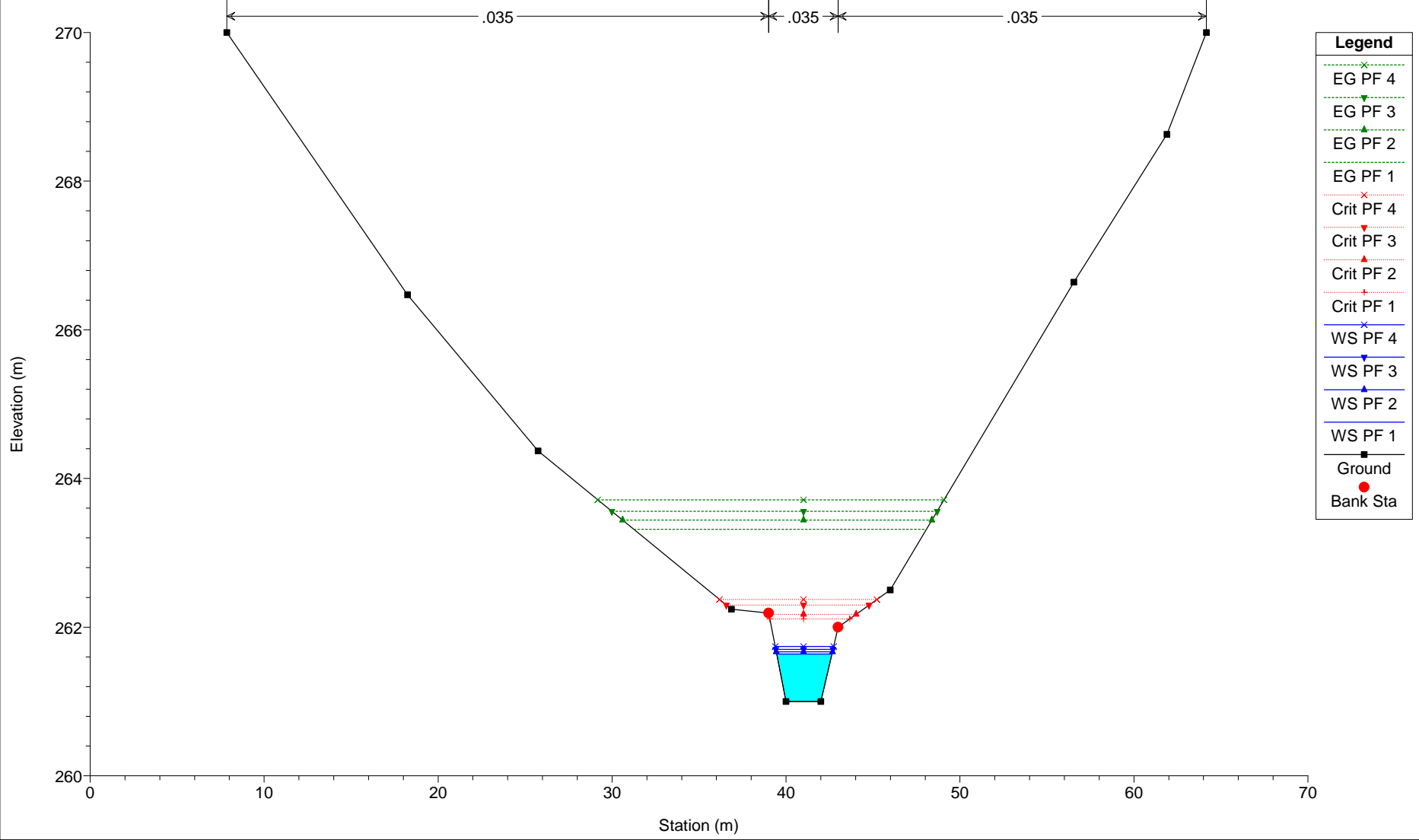
River = Rio Su 'e Tissi Reach = monte RS = 946.3824



Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

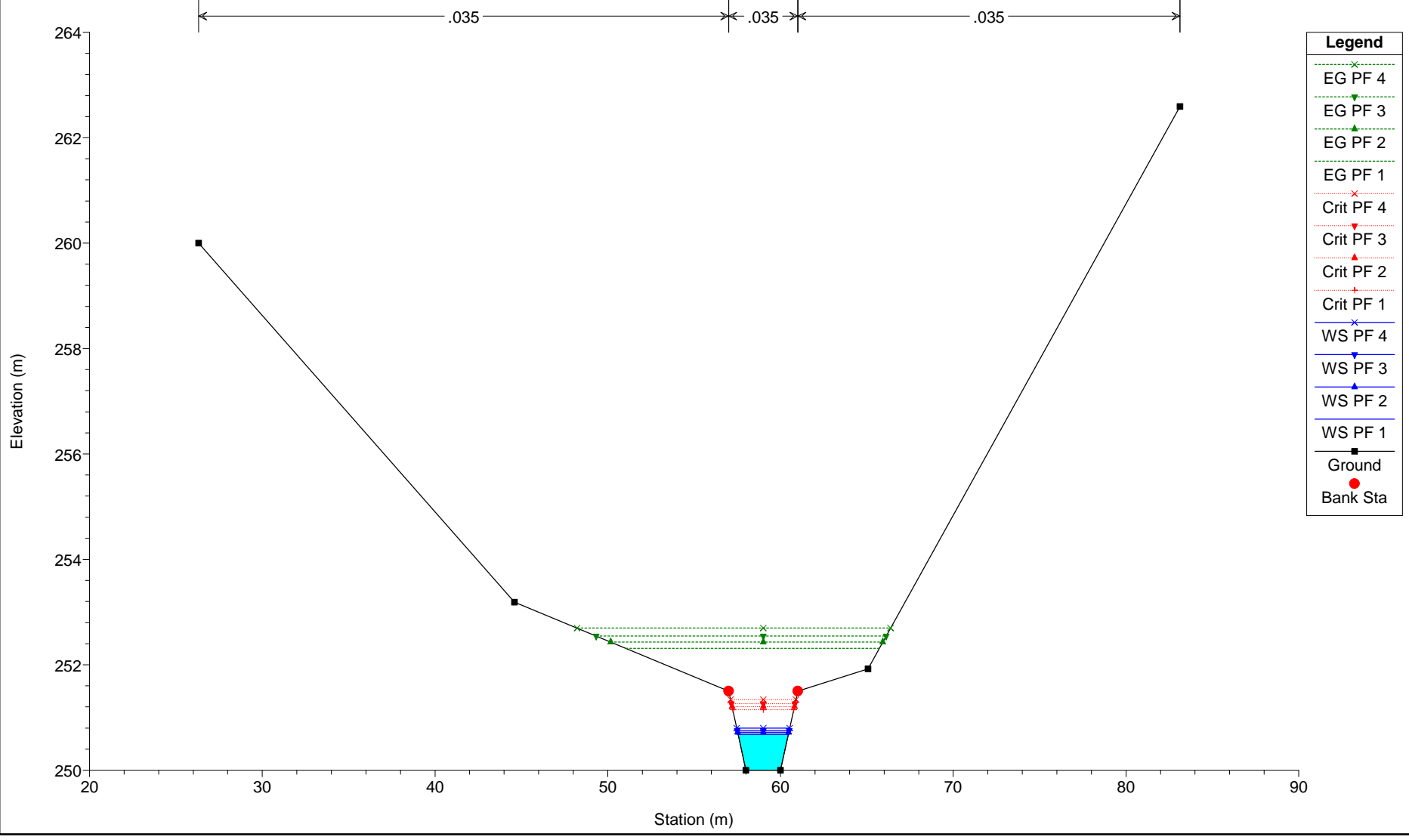
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Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

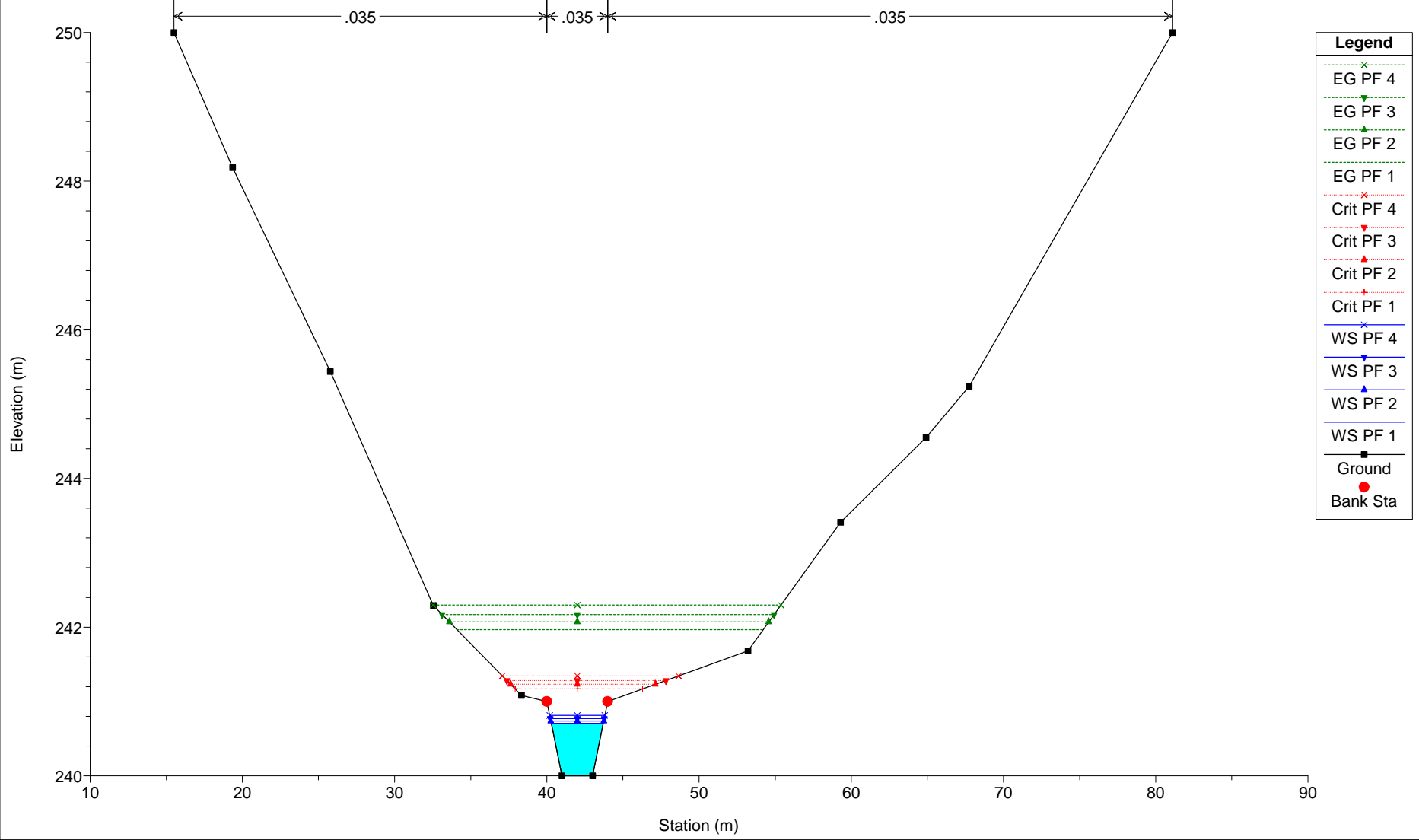
River = Rio Su 'e Tissi Reach = monte RS = 782.7109



Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

River = Rio Su 'e Tissi Reach = monte RS = 662.3848

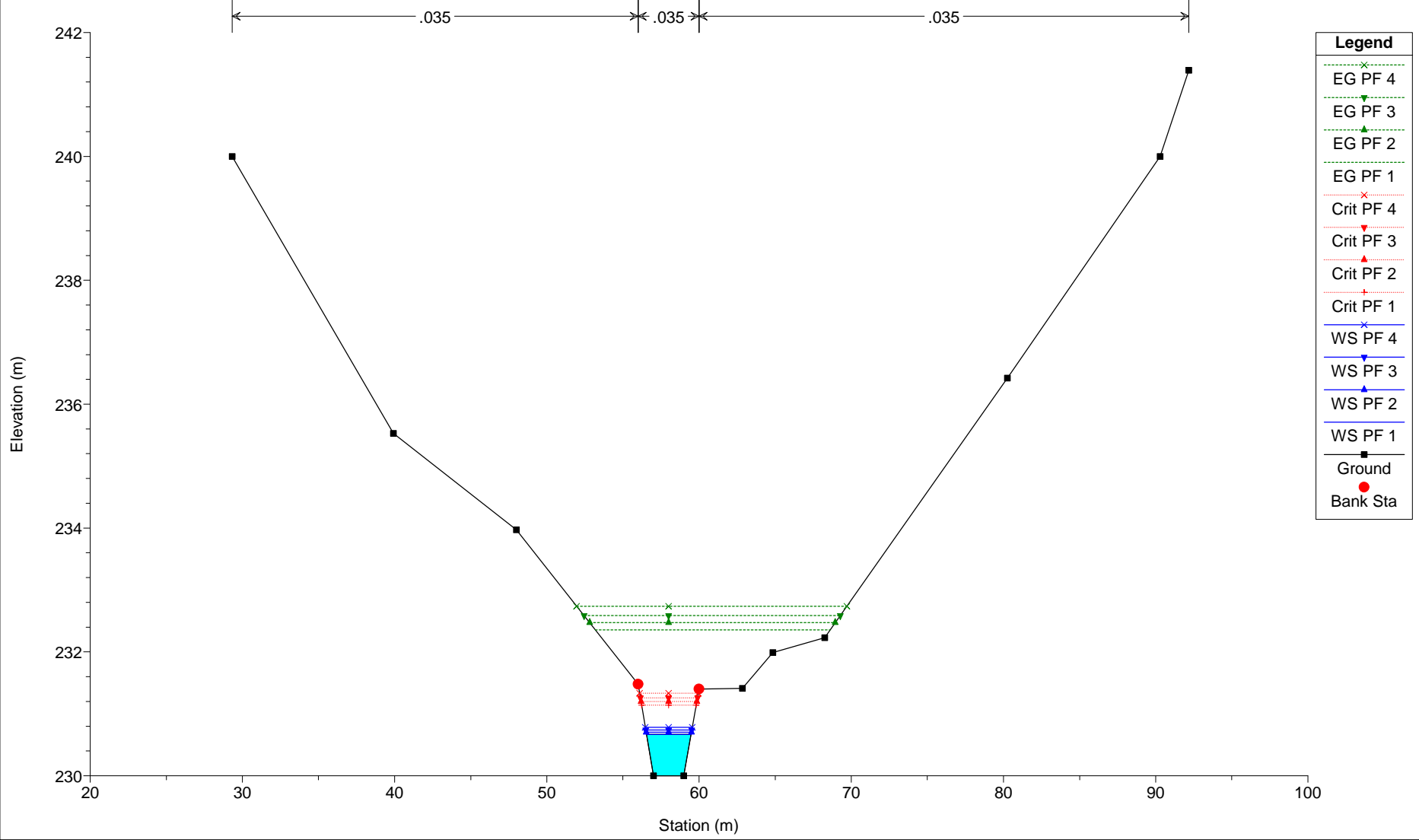


- Legend**
- EG PF 4
  - EG PF 3
  - EG PF 2
  - EG PF 1
  - Crit PF 4
  - Crit PF 3
  - Crit PF 2
  - Crit PF 1
  - WS PF 4
  - WS PF 3
  - WS PF 2
  - WS PF 1
  - Ground
  - Bank Sta

Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

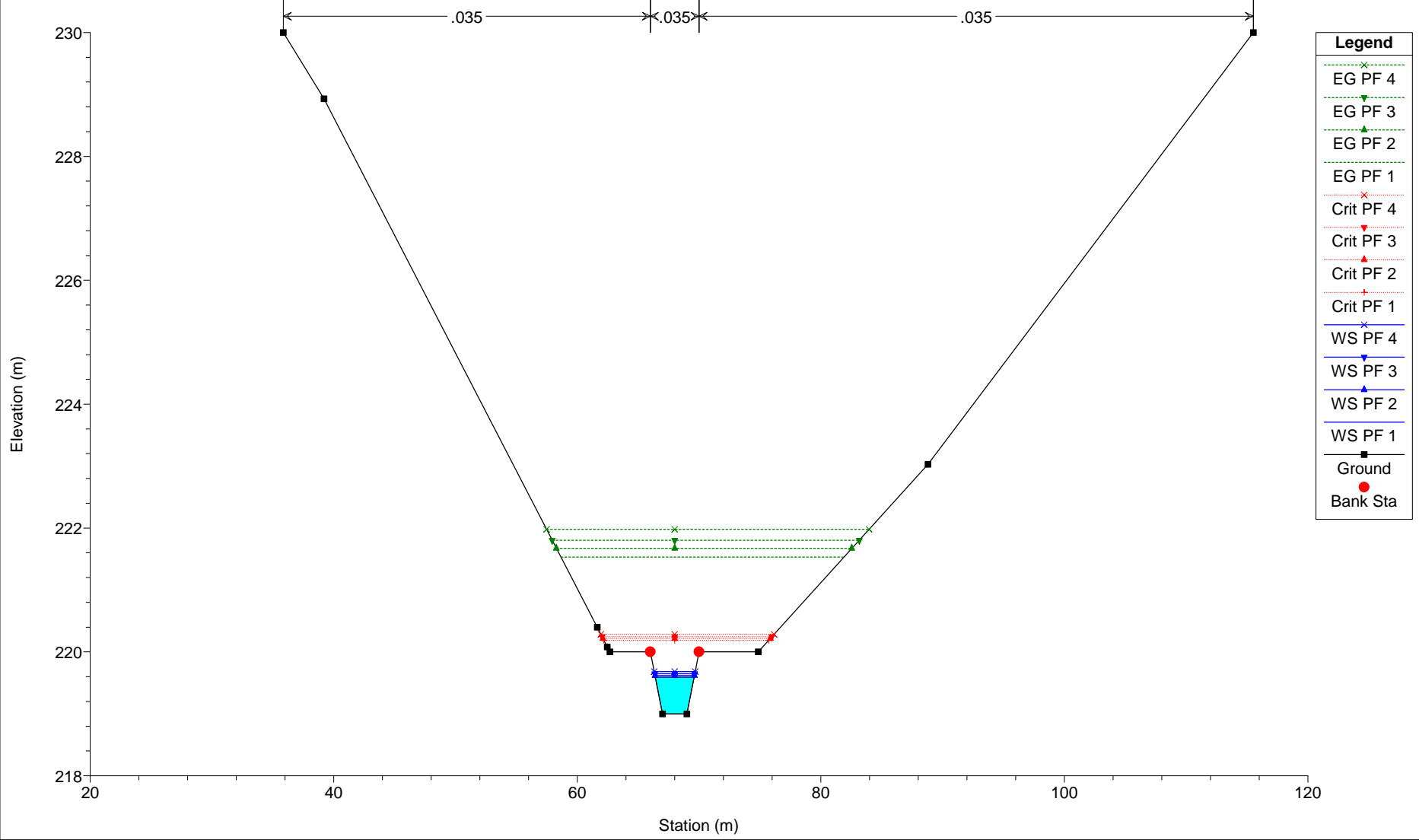
River = Rio Su 'e Tissi Reach = monte RS = 576.0893



Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

River = Rio Su 'e Tissi Reach = monte RS = 506.8537



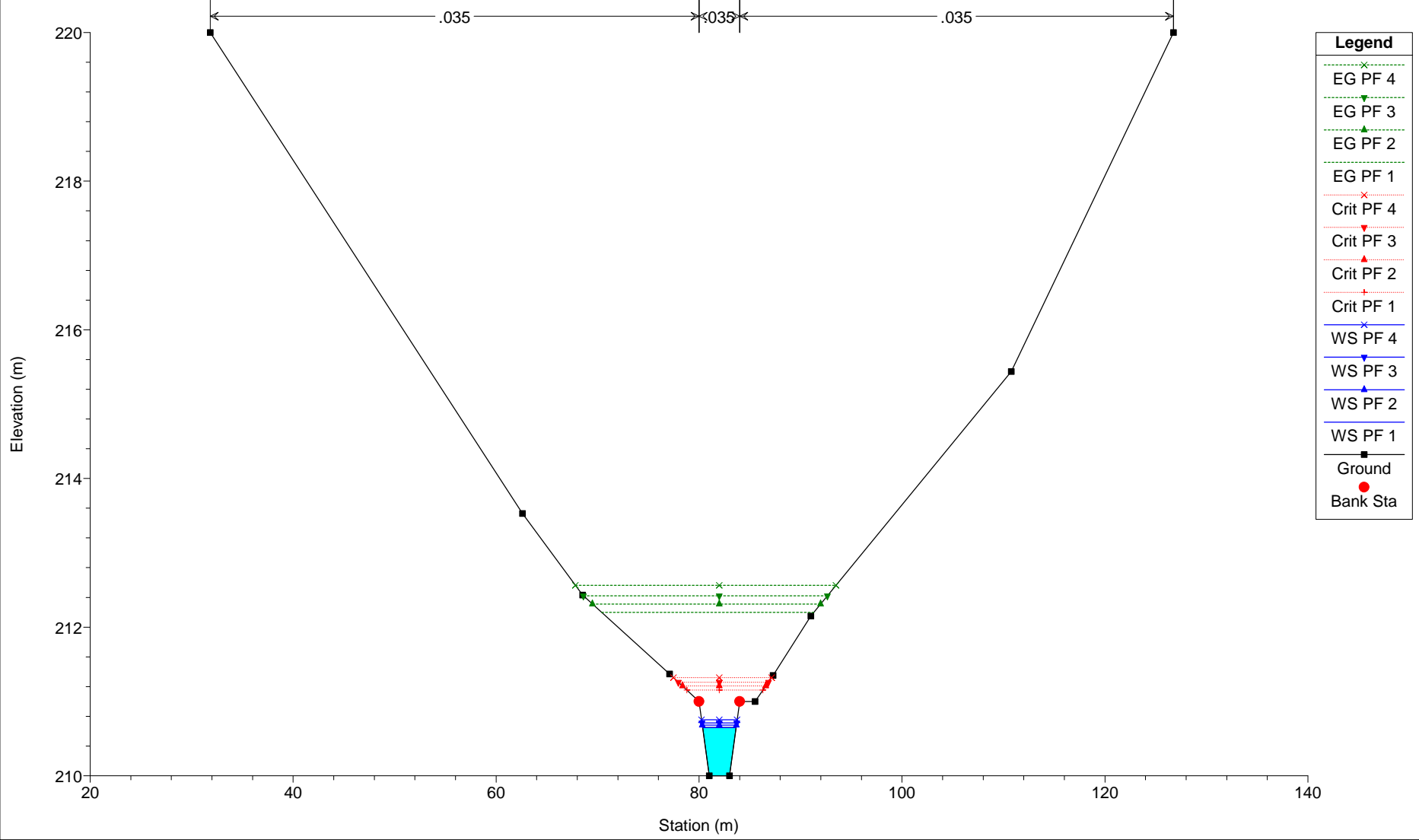
- Legend**
- EG PF 4
  - EG PF 3
  - EG PF 2
  - EG PF 1
  - Crit PF 4
  - Crit PF 3
  - Crit PF 2
  - Crit PF 1
  - WS PF 4
  - WS PF 3
  - WS PF 2
  - WS PF 1
  - Ground
  - Bank Sta



Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

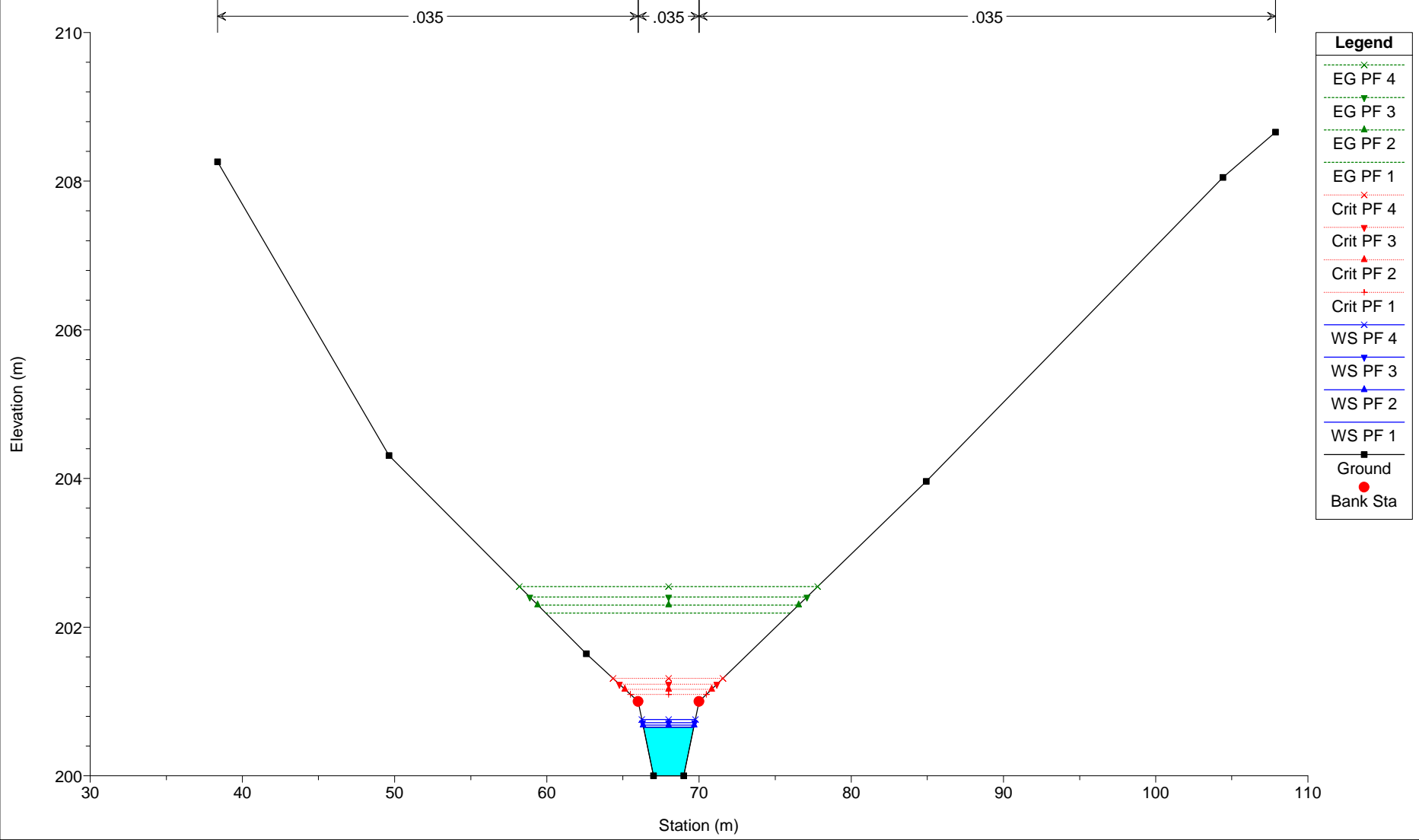
River = Rio Su 'e Tissi Reach = monte RS = 424.0359



Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

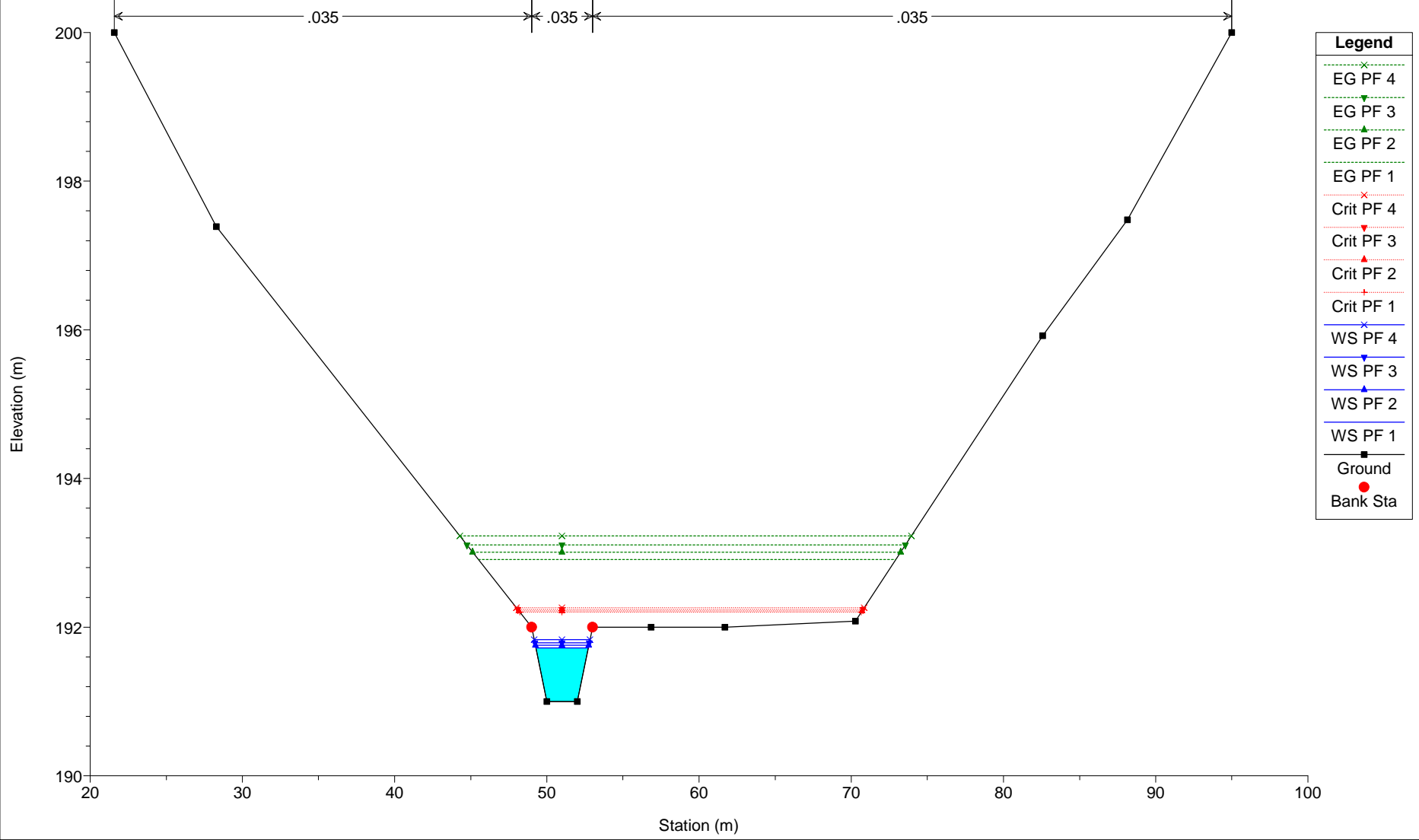
River = Rio Su 'e Tissi Reach = monte RS = 331.7361



Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

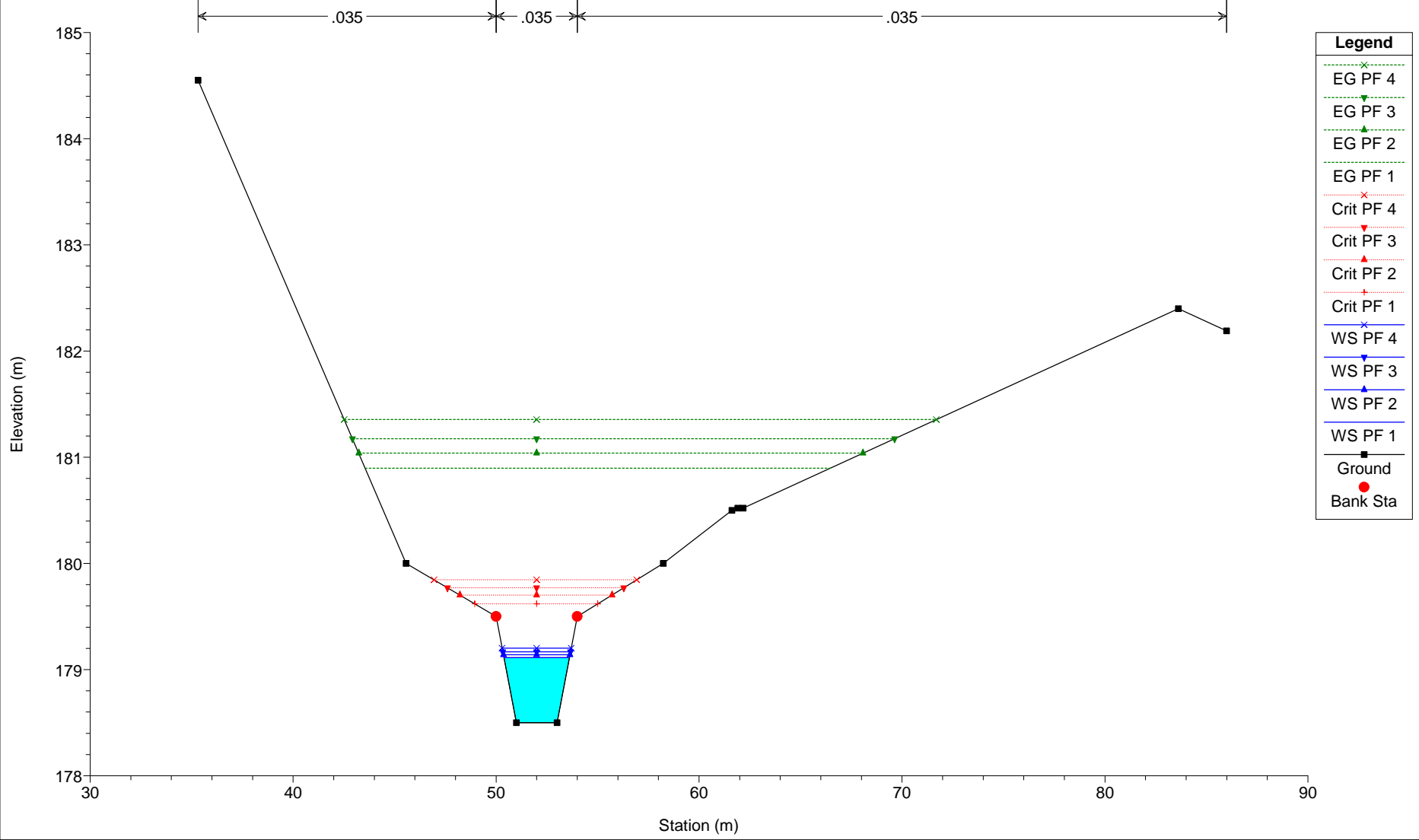
River = Rio Su 'e Tissi Reach = monte RS = 215.8883



Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

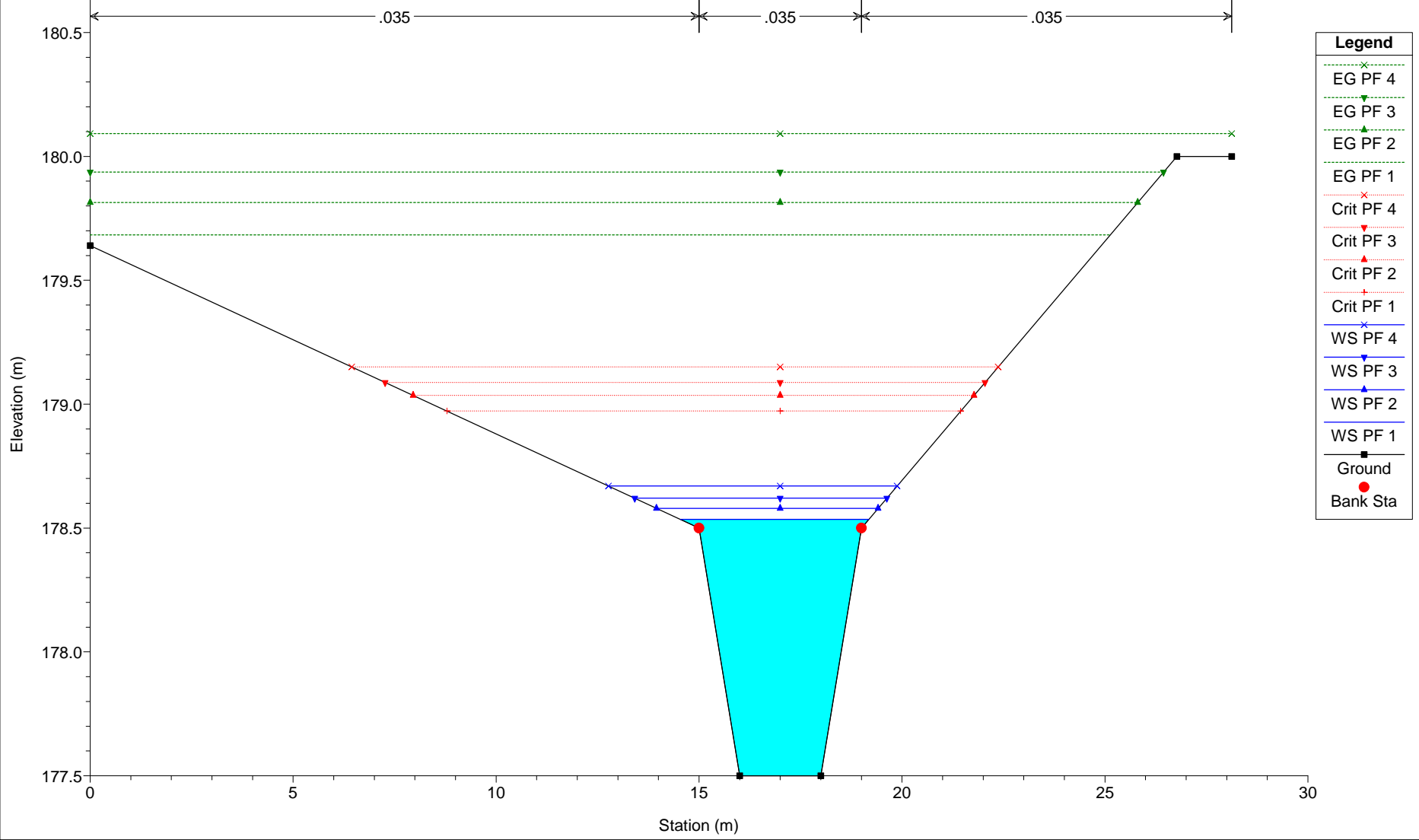
River = Rio Su 'e Tissi Reach = monte RS = 137.2543



Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

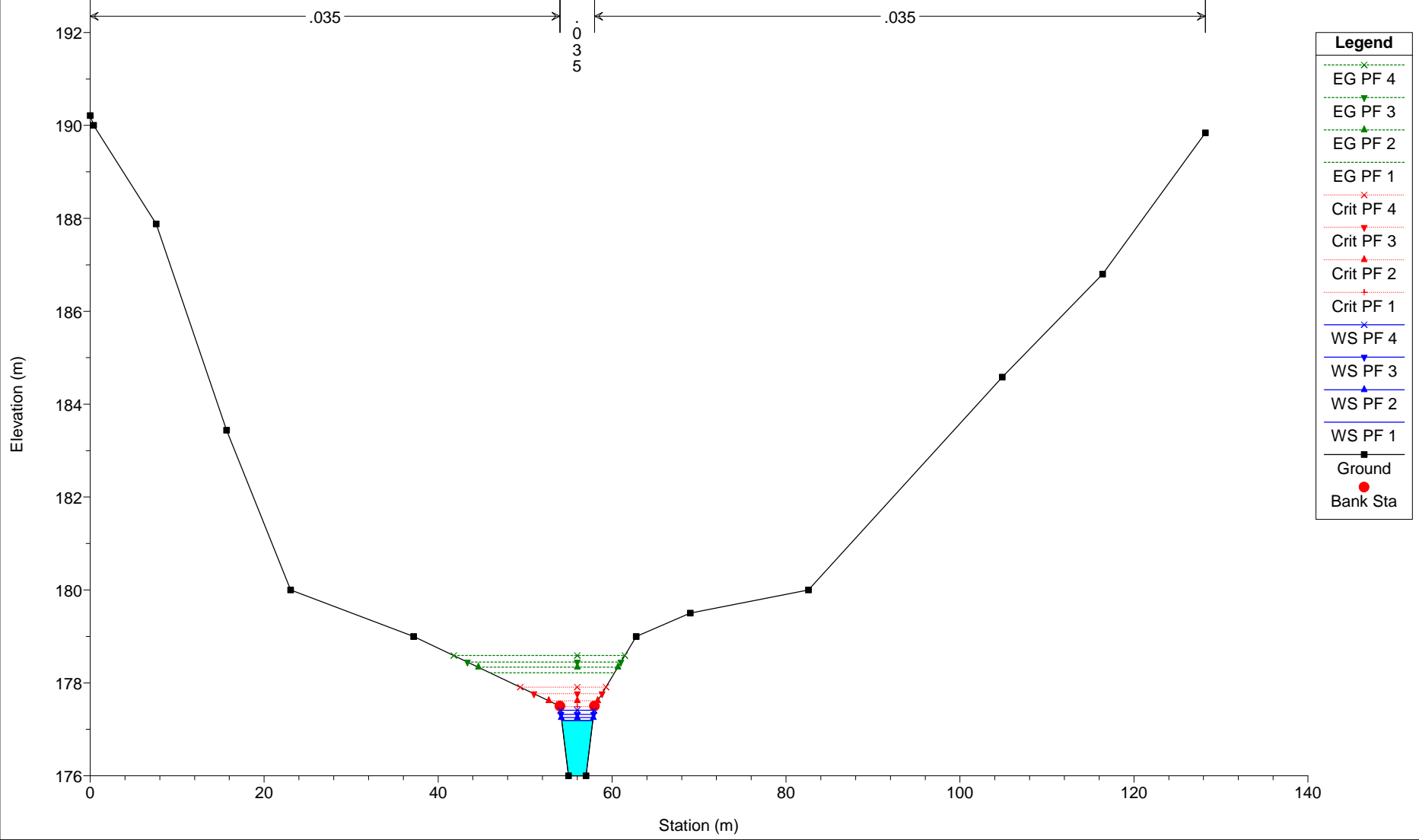
River = Rio Su 'e Tissi Reach = valle RS = 113.6227



Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

River = Rio Su 'e Tissi Reach = valle RS = 81.31123

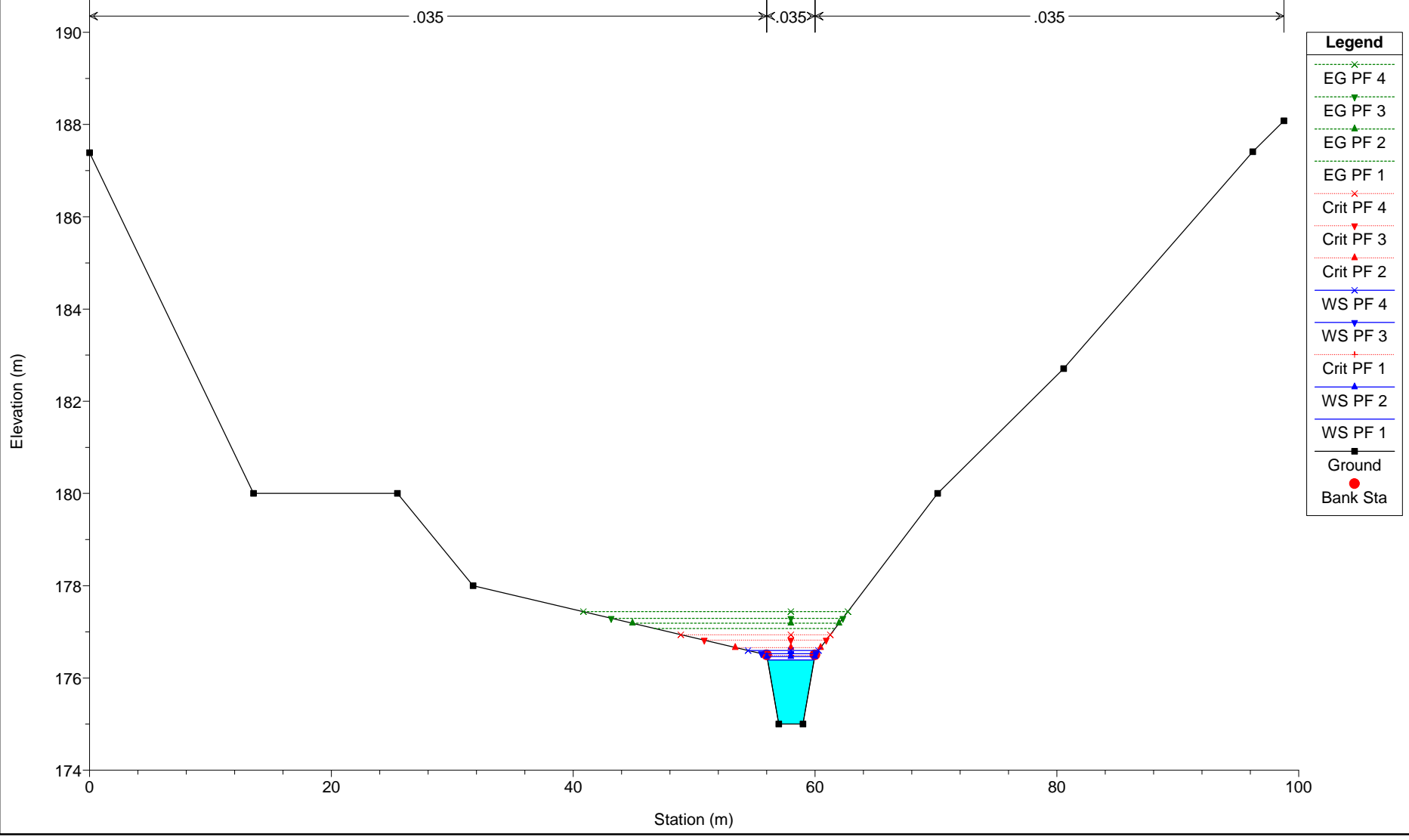


- Legend**
- EG PF 4
  - EG PF 3
  - EG PF 2
  - EG PF 1
  - Crit PF 4
  - Crit PF 3
  - Crit PF 2
  - Crit PF 1
  - WS PF 4
  - WS PF 3
  - WS PF 2
  - WS PF 1
  - Ground
  - Bank Sta

Su 'e Tissi Plan: Plan 01

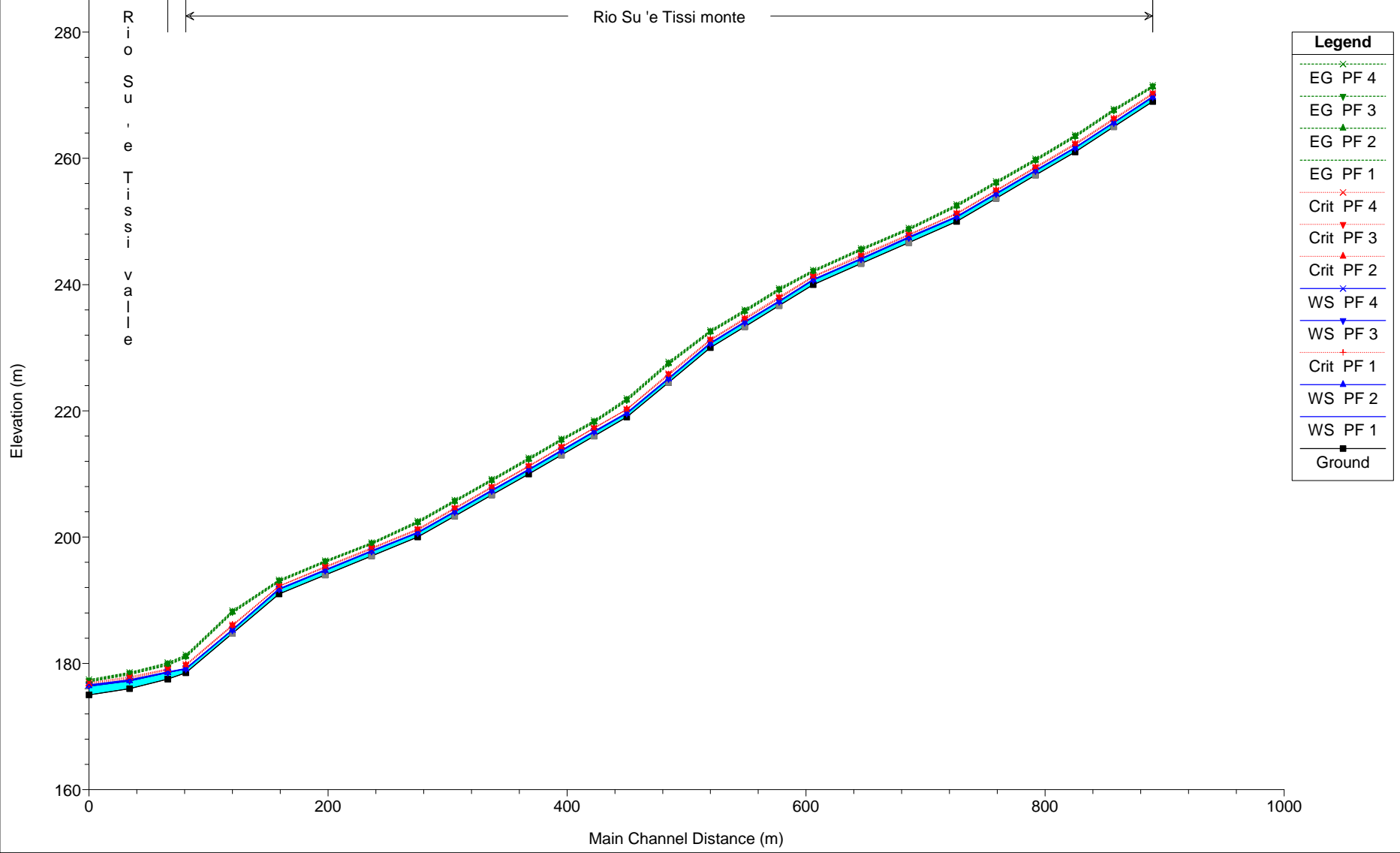
Geom: Rio Su 'e Tissi

River = Rio Su 'e Tissi Reach = valle RS = 47.99344



Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

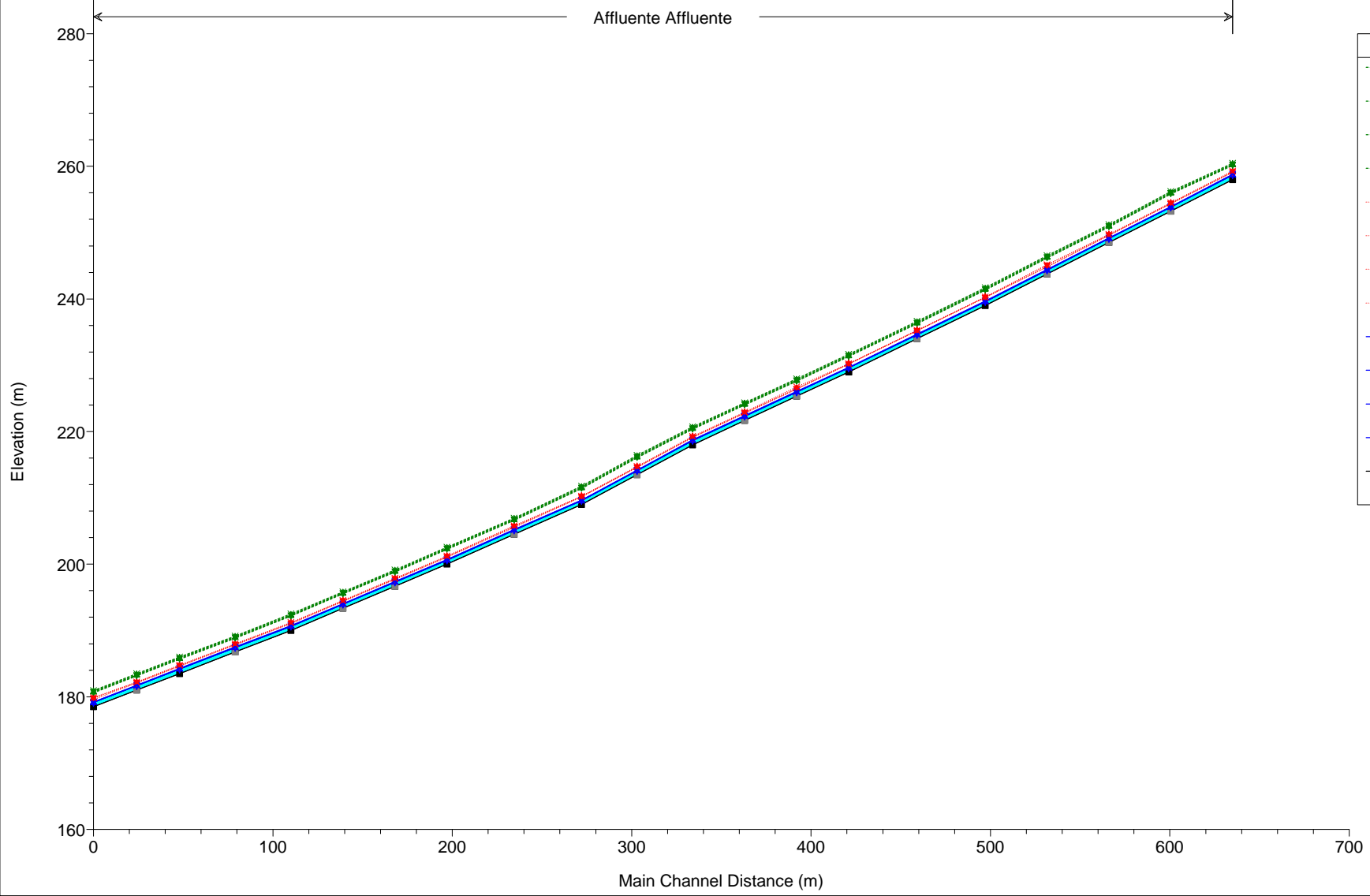




Su 'e Tissi Plan: Plan 01

Geom: Rio Su 'e Tissi

Affluente Affluente



Legend	
EG PF 4	Green dashed line with 'x' markers
EG PF 3	Green dotted line with inverted triangle markers
EG PF 2	Green dash-dot line with triangle markers
EG PF 1	Green solid line with square markers
Crit PF 4	Red dotted line with 'x' markers
Crit PF 3	Red dashed line with inverted triangle markers
Crit PF 2	Red dash-dot line with triangle markers
Crit PF 1	Red solid line with square markers
WS PF 4	Blue dotted line with 'x' markers
WS PF 3	Blue dashed line with inverted triangle markers
WS PF 2	Blue dash-dot line with triangle markers
WS PF 1	Blue solid line with square markers
Ground	Black solid line with square markers

HEC-RAS Plan: Plan 01

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio Su'e Tissi	monte	946.3824	PF 1	9.47	269.00	269.69	270.13	271.19	0.100105	5.43	1.74	3.07	2.30
Rio Su'e Tissi	monte	946.3824	PF 2	10.32	269.00	269.72	270.18	271.30	0.100104	5.57	1.85	3.12	2.31
Rio Su'e Tissi	monte	946.3824	PF 3	11.17	269.00	269.76	270.27	271.41	0.100158	5.70	1.96	3.17	2.31
Rio Su'e Tissi	monte	946.3824	PF 4	12.34	269.00	269.80	270.36	271.55	0.100062	5.86	2.11	3.24	2.32
Rio Su'e Tissi	monte	881.4801	PF 1	9.47	261.00	261.64	262.11	263.32	0.119977	5.74	1.65	3.17	2.54
Rio Su'e Tissi	monte	881.4801	PF 2	10.32	261.00	261.67	262.17	263.44	0.120511	5.90	1.75	3.23	2.56
Rio Su'e Tissi	monte	881.4801	PF 3	11.17	261.00	261.70	262.30	263.56	0.120992	6.04	1.85	3.29	2.57
Rio Su'e Tissi	monte	881.4801	PF 4	12.34	261.00	261.74	262.37	263.71	0.121404	6.22	1.98	3.36	2.59
Rio Su'e Tissi	monte	782.7109	PF 1	9.47	250.00	250.68	251.15	252.31	0.110176	5.65	1.68	2.91	2.38
Rio Su'e Tissi	monte	782.7109	PF 2	10.32	250.00	250.72	251.21	252.43	0.110211	5.80	1.78	2.96	2.38
Rio Su'e Tissi	monte	782.7109	PF 3	11.17	250.00	250.75	251.26	252.55	0.110294	5.93	1.88	3.00	2.39
Rio Su'e Tissi	monte	782.7109	PF 4	12.34	250.00	250.80	251.34	252.70	0.110306	6.10	2.02	3.06	2.40
Rio Su'e Tissi	monte	662.3848	PF 1	9.47	240.00	240.70	241.17	241.97	0.081671	4.98	1.90	3.41	2.13
Rio Su'e Tissi	monte	662.3848	PF 2	10.32	240.00	240.74	241.23	242.07	0.082045	5.11	2.02	3.47	2.14
Rio Su'e Tissi	monte	662.3848	PF 3	11.17	240.00	240.77	241.28	242.17	0.082512	5.24	2.13	3.54	2.16
Rio Su'e Tissi	monte	662.3848	PF 4	12.34	240.00	240.81	241.34	242.30	0.082852	5.40	2.29	3.63	2.17
Rio Su'e Tissi	monte	576.0893	PF 1	9.47	230.00	230.67	231.14	232.35	0.116286	5.75	1.65	2.93	2.45
Rio Su'e Tissi	monte	576.0893	PF 2	10.32	230.00	230.70	231.20	232.47	0.115916	5.89	1.75	2.98	2.45
Rio Su'e Tissi	monte	576.0893	PF 3	11.17	230.00	230.74	231.26	232.59	0.115695	6.03	1.85	3.03	2.46
Rio Su'e Tissi	monte	576.0893	PF 4	12.34	230.00	230.78	231.33	232.74	0.115465	6.20	1.99	3.09	2.46
Rio Su'e Tissi	monte	506.8537	PF 1	9.47	219.00	219.59	220.19	221.53	0.149491	6.17	1.53	3.18	2.84
Rio Su'e Tissi	monte	506.8537	PF 2	10.32	219.00	219.62	220.22	221.67	0.150418	6.34	1.63	3.24	2.86
Rio Su'e Tissi	monte	506.8537	PF 3	11.17	219.00	219.65	220.24	221.80	0.151255	6.50	1.72	3.30	2.88
Rio Su'e Tissi	monte	506.8537	PF 4	12.34	219.00	219.68	220.28	221.98	0.152340	6.71	1.84	3.37	2.90
Rio Su'e Tissi	monte	424.0359	PF 1	9.47	210.00	210.65	211.15	212.20	0.108709	5.51	1.72	3.30	2.44
Rio Su'e Tissi	monte	424.0359	PF 2	10.32	210.00	210.68	211.21	212.31	0.108920	5.66	1.82	3.36	2.45
Rio Su'e Tissi	monte	424.0359	PF 3	11.17	210.00	210.71	211.26	212.42	0.109095	5.79	1.93	3.42	2.46
Rio Su'e Tissi	monte	424.0359	PF 4	12.34	210.00	210.75	211.32	212.56	0.109272	5.96	2.07	3.50	2.48
Rio Su'e Tissi	monte	331.7361	PF 1	9.47	200.00	200.65	201.09	202.19	0.107468	5.49	1.72	3.30	2.43
Rio Su'e Tissi	monte	331.7361	PF 2	10.32	200.00	200.68	201.16	202.30	0.107461	5.63	1.83	3.37	2.44
Rio Su'e Tissi	monte	331.7361	PF 3	11.17	200.00	200.71	201.23	202.40	0.107464	5.76	1.94	3.43	2.44
Rio Su'e Tissi	monte	331.7361	PF 4	12.34	200.00	200.76	201.31	202.55	0.107558	5.93	2.08	3.51	2.46
Rio Su'e Tissi	monte	215.8883	PF 1	9.47	191.00	191.72	192.20	192.91	0.075068	4.83	1.96	3.44	2.04
Rio Su'e Tissi	monte	215.8883	PF 2	10.32	191.00	191.75	192.22	193.01	0.075392	4.96	2.08	3.51	2.06
Rio Su'e Tissi	monte	215.8883	PF 3	11.17	191.00	191.79	192.24	193.10	0.075814	5.08	2.20	3.58	2.07
Rio Su'e Tissi	monte	215.8883	PF 4	12.34	191.00	191.83	192.26	193.23	0.076085	5.24	2.36	3.66	2.08
Rio Su'e Tissi	monte	137.2543	PF 1	9.47	178.50	179.11	179.62	180.90	0.132776	5.92	1.60	3.22	2.68
Rio Su'e Tissi	monte	137.2543	PF 2	10.32	178.50	179.14	179.70	181.04	0.134846	6.10	1.69	3.28	2.71
Rio Su'e Tissi	monte	137.2543	PF 3	11.17	178.50	179.17	179.77	181.17	0.136828	6.28	1.78	3.33	2.74
Rio Su'e Tissi	monte	137.2543	PF 4	12.34	178.50	179.20	179.85	181.35	0.139164	6.50	1.90	3.40	2.78
Rio Su'e Tissi	valle	113.6227	PF 1	14.91	177.50	178.53	178.97	179.68	0.049064	4.75	3.15	4.63	1.71
Rio Su'e Tissi	valle	113.6227	PF 2	16.40	177.50	178.58	179.04	179.81	0.049065	4.93	3.38	5.46	1.73
Rio Su'e Tissi	valle	113.6227	PF 3	17.89	177.50	178.62	179.09	179.94	0.049287	5.10	3.62	6.21	1.75
Rio Su'e Tissi	valle	113.6227	PF 4	19.91	177.50	178.67	179.15	180.09	0.049935	5.33	3.94	7.11	1.77
Rio Su'e Tissi	valle	81.31123	PF 1	14.91	176.00	177.19	177.49	178.22	0.040962	4.49	3.32	3.59	1.49
Rio Su'e Tissi	valle	81.31123	PF 2	16.40	176.00	177.26	177.61	178.34	0.041050	4.61	3.56	3.67	1.49
Rio Su'e Tissi	valle	81.31123	PF 3	17.89	176.00	177.32	177.77	178.45	0.040918	4.71	3.80	3.76	1.49
Rio Su'e Tissi	valle	81.31123	PF 4	19.91	176.00	177.41	177.91	178.59	0.040312	4.81	4.14	3.88	1.49
Rio Su'e Tissi	valle	47.99344	PF 1	14.91	175.00	176.39	176.49	177.07	0.023703	3.67	4.07	3.85	1.14
Rio Su'e Tissi	valle	47.99344	PF 2	16.40	175.00	176.46	176.66	177.19	0.023817	3.77	4.36	3.95	1.14
Rio Su'e Tissi	valle	47.99344	PF 3	17.89	175.00	176.53	176.82	177.29	0.023936	3.88	4.62	4.53	1.15
Rio Su'e Tissi	valle	47.99344	PF 4	19.91	175.00	176.60	176.94	177.44	0.024406	4.07	4.97	5.81	1.18
Affluente	Affluente	653.1954	PF 1	8.84	258.00	258.67	259.10	260.13	0.100079	5.35	1.65	2.90	2.27
Affluente	Affluente	653.1954	PF 2	9.57	258.00	258.71	259.15	260.24	0.100081	5.48	1.75	2.94	2.27
Affluente	Affluente	653.1954	PF 3	10.30	258.00	258.74	259.20	260.34	0.100087	5.60	1.84	2.98	2.28
Affluente	Affluente	653.1954	PF 4	11.32	258.00	258.78	259.27	260.47	0.100095	5.75	1.97	3.04	2.28
Affluente	Affluente	515.5972	PF 1	8.84	239.00	239.58	240.21	241.33	0.136802	5.86	1.51	3.17	2.71
Affluente	Affluente	515.5972	PF 2	9.57	239.00	239.61	240.23	241.45	0.137195	6.01	1.59	3.22	2.73
Affluente	Affluente	515.5972	PF 3	10.30	239.00	239.64	240.25	241.56	0.137523	6.14	1.68	3.27	2.74
Affluente	Affluente	515.5972	PF 4	11.32	239.00	239.67	240.28	241.70	0.137792	6.32	1.79	3.34	2.75
Affluente	Affluente	439.2115	PF 1	8.84	229.00	229.59	230.17	231.30	0.132670	5.80	1.52	3.18	2.67
Affluente	Affluente	439.2115	PF 2	9.57	229.00	229.62	230.19	231.41	0.132641	5.94	1.61	3.23	2.68
Affluente	Affluente	439.2115	PF 3	10.30	229.00	229.64	230.22	231.52	0.132640	6.06	1.70	3.29	2.69
Affluente	Affluente	439.2115	PF 4	11.32	229.00	229.68	230.25	231.66	0.132550	6.23	1.82	3.36	2.70
Affluente	Affluente	352.0877	PF 1	8.84	218.00	218.63	219.10	220.34	0.125480	5.80	1.52	2.84	2.53
Affluente	Affluente	352.0877	PF 2	9.57	218.00	218.66	219.15	220.46	0.125456	5.94	1.61	2.88	2.53
Affluente	Affluente	352.0877	PF 3	10.30	218.00	218.69	219.20	220.56	0.125429	6.07	1.70	2.92	2.54
Affluente	Affluente	352.0877	PF 4	11.32	218.00	218.73	219.27	220.71	0.125385	6.23	1.82	2.97	2.55
Affluente	Affluente	290.4855	PF 1	8.84	209.00	209.58	210.14	211.39	0.143453	5.96	1.48	3.15	2.77
Affluente	Affluente	290.4855	PF 2	9.57	209.00	209.60	210.18	211.50	0.143942	6.11	1.57	3.20	2.79
Affluente	Affluente	290.4855	PF 3	10.30	209.00	209.63	210.21	211.62	0.144382	6.25	1.65	3.26	2.80
Affluente	Affluente	290.4855	PF 4	11.32	209.00	209.66	210.25	211.77	0.144954	6.43	1.76	3.32	2.82
Affluente	Affluente	215.6998	PF 1	8.84	200.00	200.60	201.04	202.24	0.124245	5.67	1.56	3.20	2.59

HEC-RAS Plan: Plan 01 (Continued)

River	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
				(m <sup>3</sup> /s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m <sup>2</sup> )	(m)	
Affluente	Affluente	215.6998	PF 2	9.57	200.00	200.63	201.10	202.34	0.123906	5.79	1.65	3.26	2.60
Affluente	Affluente	215.6998	PF 3	10.30	200.00	200.66	201.15	202.44	0.123603	5.91	1.74	3.31	2.60
Affluente	Affluente	215.6998	PF 4	11.32	200.00	200.69	201.23	202.57	0.123267	6.07	1.86	3.38	2.61
Affluente	Affluente	128.3355	PF 1	8.84	190.00	190.62	191.04	192.16	0.114428	5.51	1.61	3.22	2.49
Affluente	Affluente	128.3355	PF 2	9.57	190.00	190.64	191.09	192.26	0.114478	5.64	1.70	3.27	2.50
Affluente	Affluente	128.3355	PF 3	10.30	190.00	190.67	191.14	192.36	0.114595	5.76	1.79	3.33	2.51
Affluente	Affluente	128.3355	PF 4	11.32	190.00	190.71	191.21	192.49	0.114659	5.92	1.91	3.40	2.52
Affluente	Affluente	66.7342	PF 1	8.84	183.50	184.16	184.60	185.68	0.104933	5.45	1.62	2.89	2.32
Affluente	Affluente	66.7342	PF 2	9.57	183.50	184.20	184.65	185.78	0.104679	5.57	1.72	2.93	2.32
Affluente	Affluente	66.7342	PF 3	10.30	183.50	184.23	184.70	185.88	0.104475	5.68	1.81	2.97	2.32
Affluente	Affluente	66.7342	PF 4	11.32	183.50	184.27	184.77	186.01	0.104244	5.84	1.94	3.03	2.33
Affluente	Affluente	18.05039	PF 1	8.84	178.50	179.14	179.56	180.62	0.105627	5.39	1.64	3.15	2.38
Affluente	Affluente	18.05039	PF 2	9.57	178.50	179.17	179.81	180.72	0.105681	5.51	1.74	3.20	2.39
Affluente	Affluente	18.05039	PF 3	10.30	178.50	179.20	179.83	180.81	0.105737	5.63	1.83	3.25	2.40
Affluente	Affluente	18.05039	PF 4	11.32	178.50	179.23	179.87	180.94	0.105836	5.79	1.96	3.32	2.41