



PROVINCIA DI SASSARI
COMUNE DI TISSI

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.

RIO BADDE GHIA
VERIFICHE IDRAULICHE

TAVOLA N°

SCALA

DATA

5.2

I TECNICI INCARICATI

Ing. Maddalena Idili

Geol. Maddalena Moroso

Febbraio 2013

agg. Dicembre 2013

agg. Aprile 2015

IL SINDACO

Mauro Scarpa

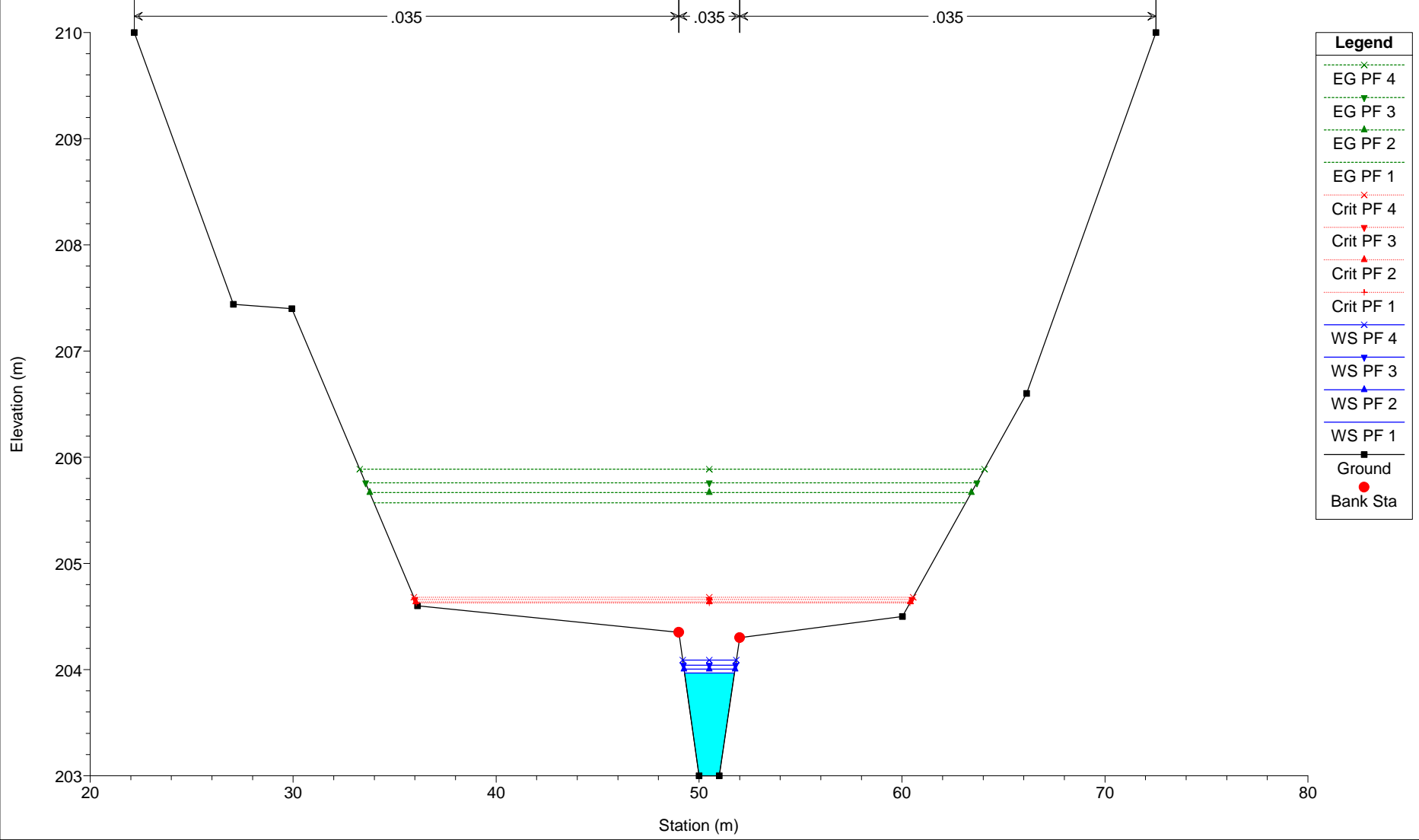
IL RESPONSABILE DEL PROCEDIMENTO

Geom. Angelino Pani

Badde Ghia Plan: Plan 01

Geom: Badde Ghia

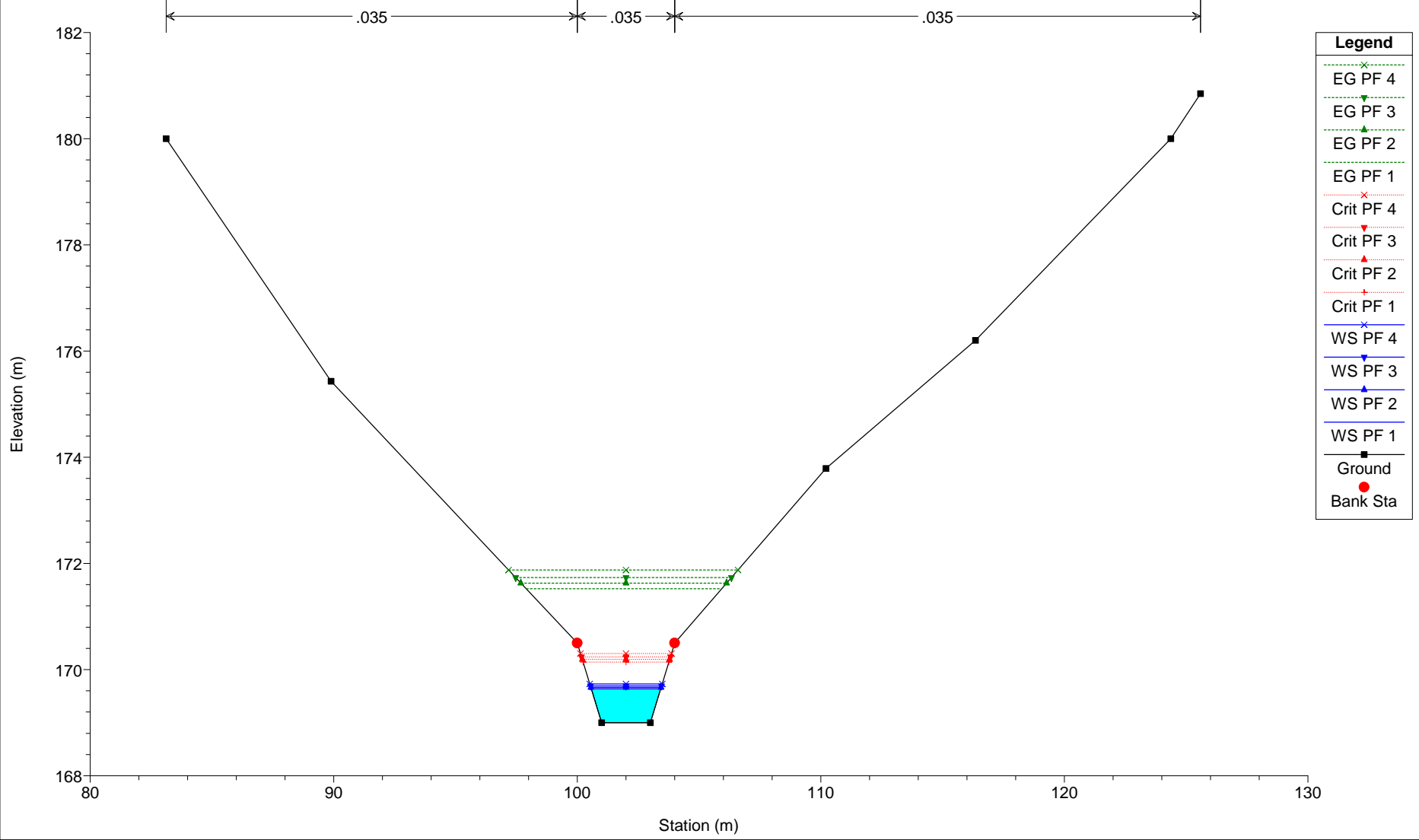
River = affluente Reach = affluente RS = 425.3397



Badde Ghia Plan: Plan 01

Geom: Badde Ghia

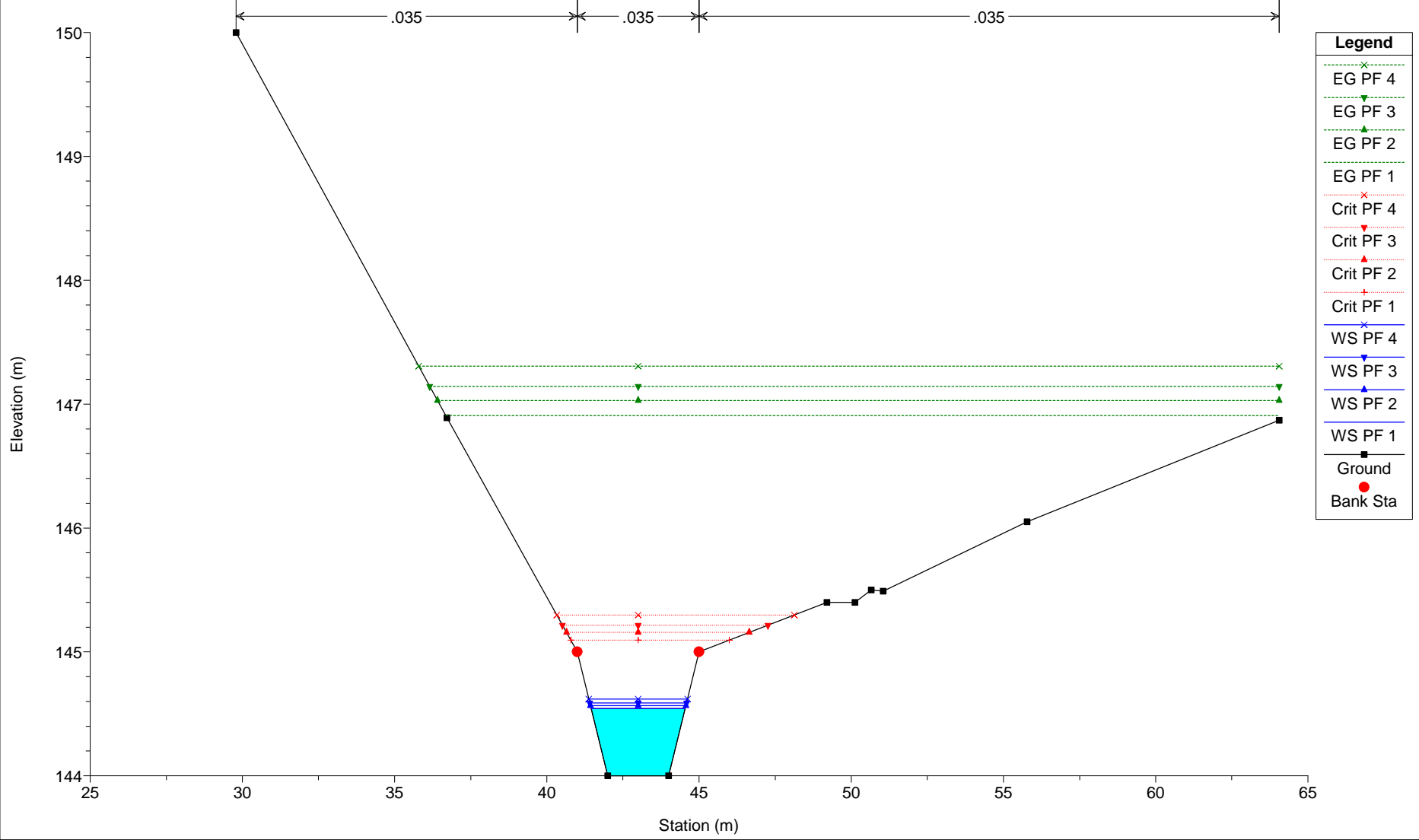
River = affluente Reach = affluente RS = 152.986



Badde Ghia Plan: Plan 01

Geom: Badde Ghia

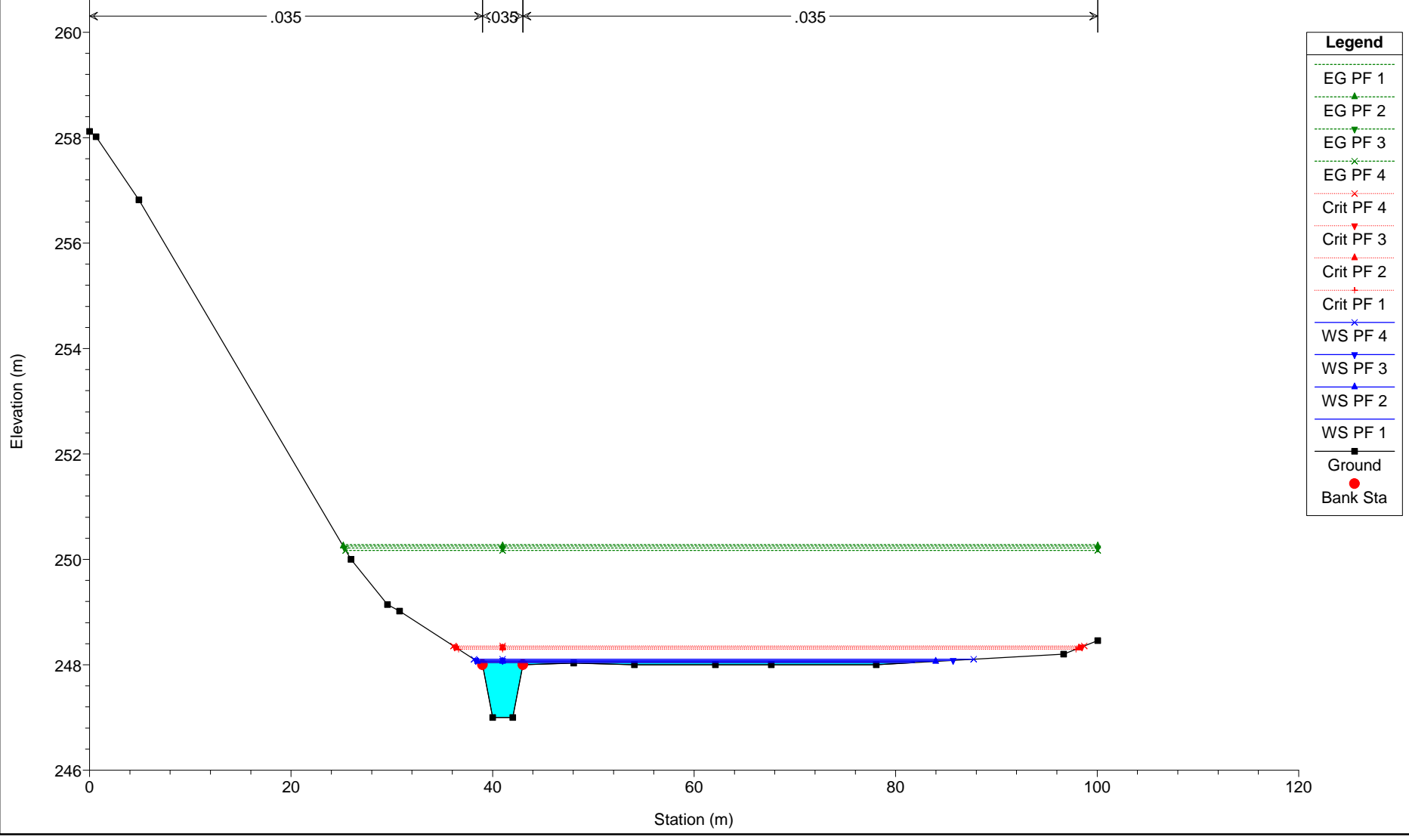
River = affluente Reach = affluente RS = 20.63561



Badde Ghia Plan: Plan 01

Geom: Badde Ghia

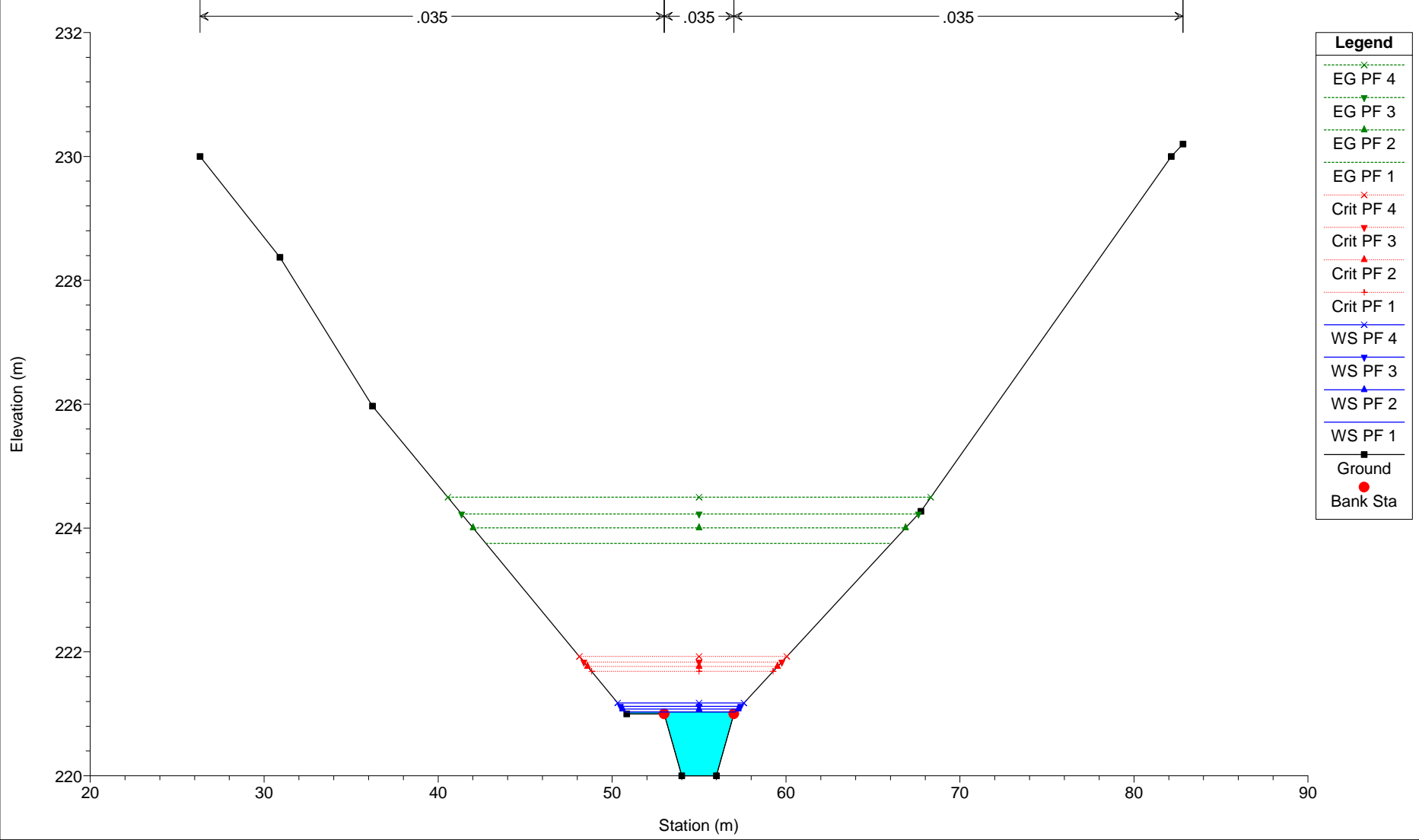
River = Badde Ghia Reach = monte RS = 1739.927



Badde Ghia Plan: Plan 01

Geom: Badde Ghia

River = Badde Ghia Reach = monte RS = 1509.412

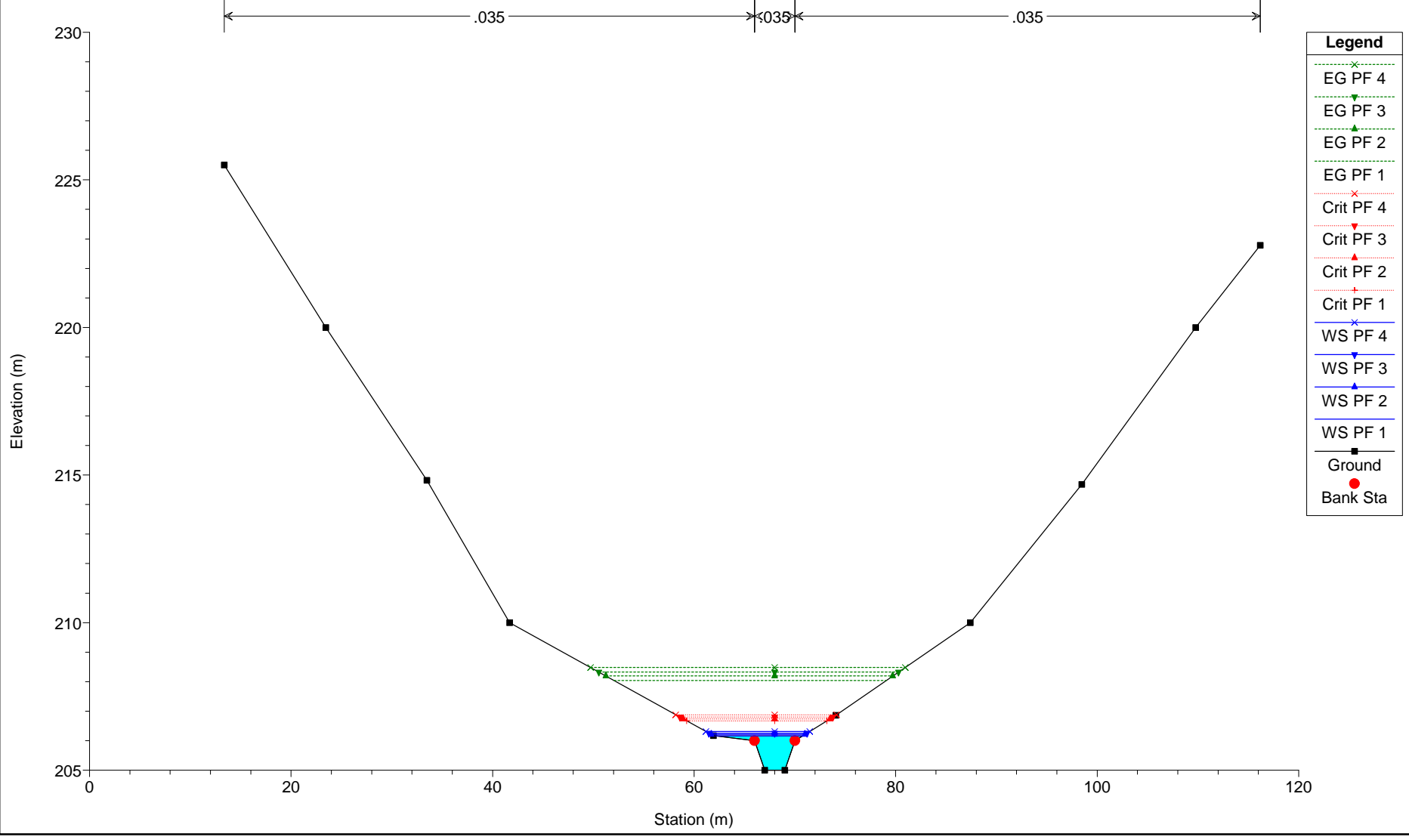


- Legend**
- EG PF 4
 - EG PF 3
 - EG PF 2
 - EG PF 1
 - Crit PF 4
 - Crit PF 3
 - Crit PF 2
 - Crit PF 1
 - WS PF 4
 - WS PF 3
 - WS PF 2
 - WS PF 1
 - Ground
 - Bank Sta

Badde Ghia Plan: Plan 01

Geom: Badde Ghia

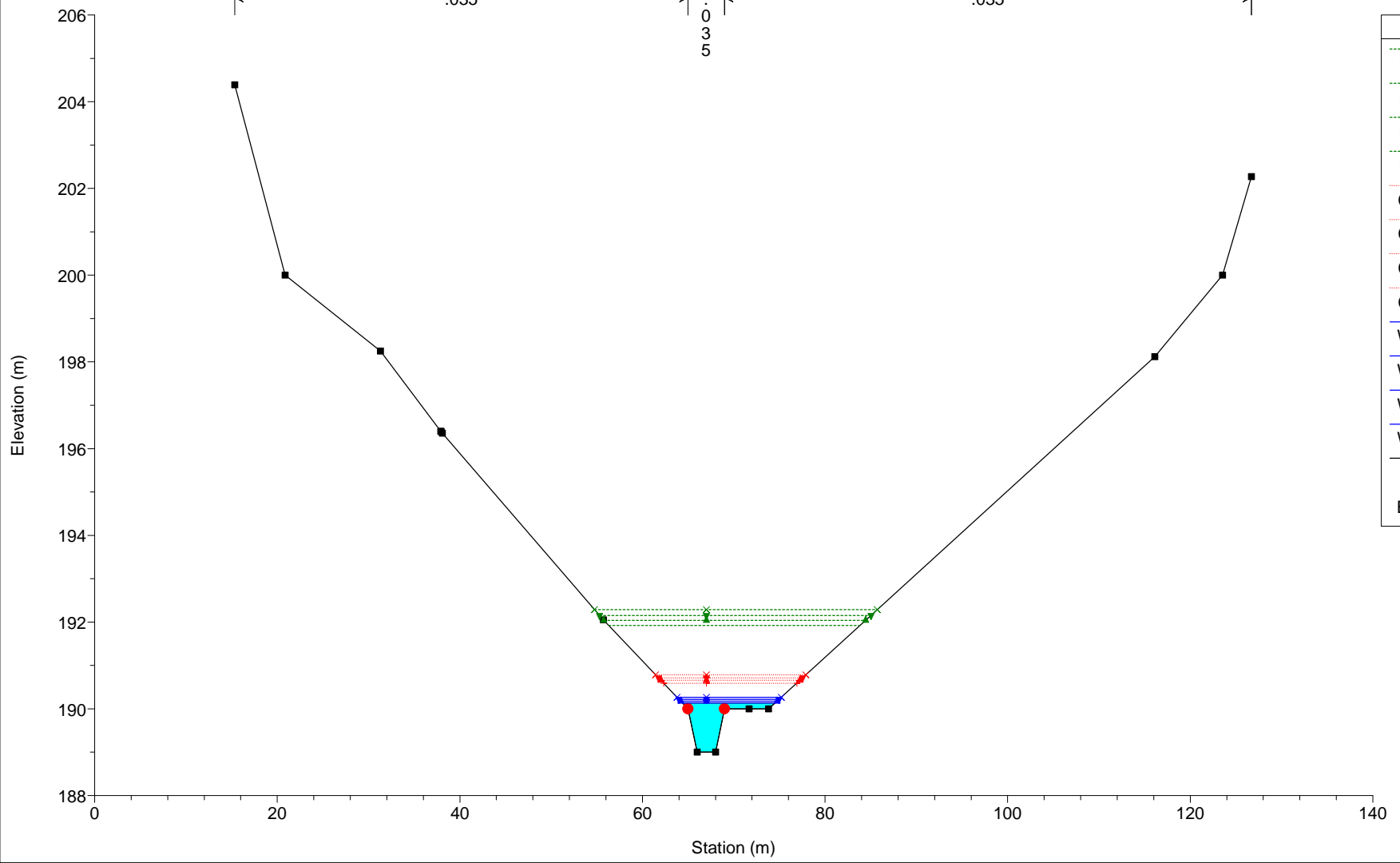
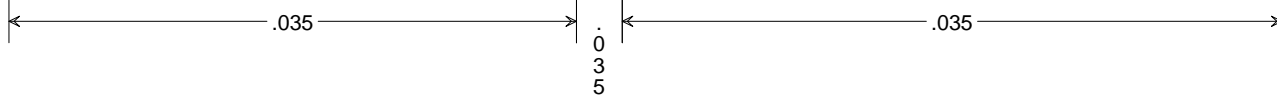
River = Badde Ghia Reach = monte RS = 1286.695



Badde Ghia Plan: Plan 01

Geom: Badde Ghia

River = Badde Ghia Reach = monte RS = 1044.254

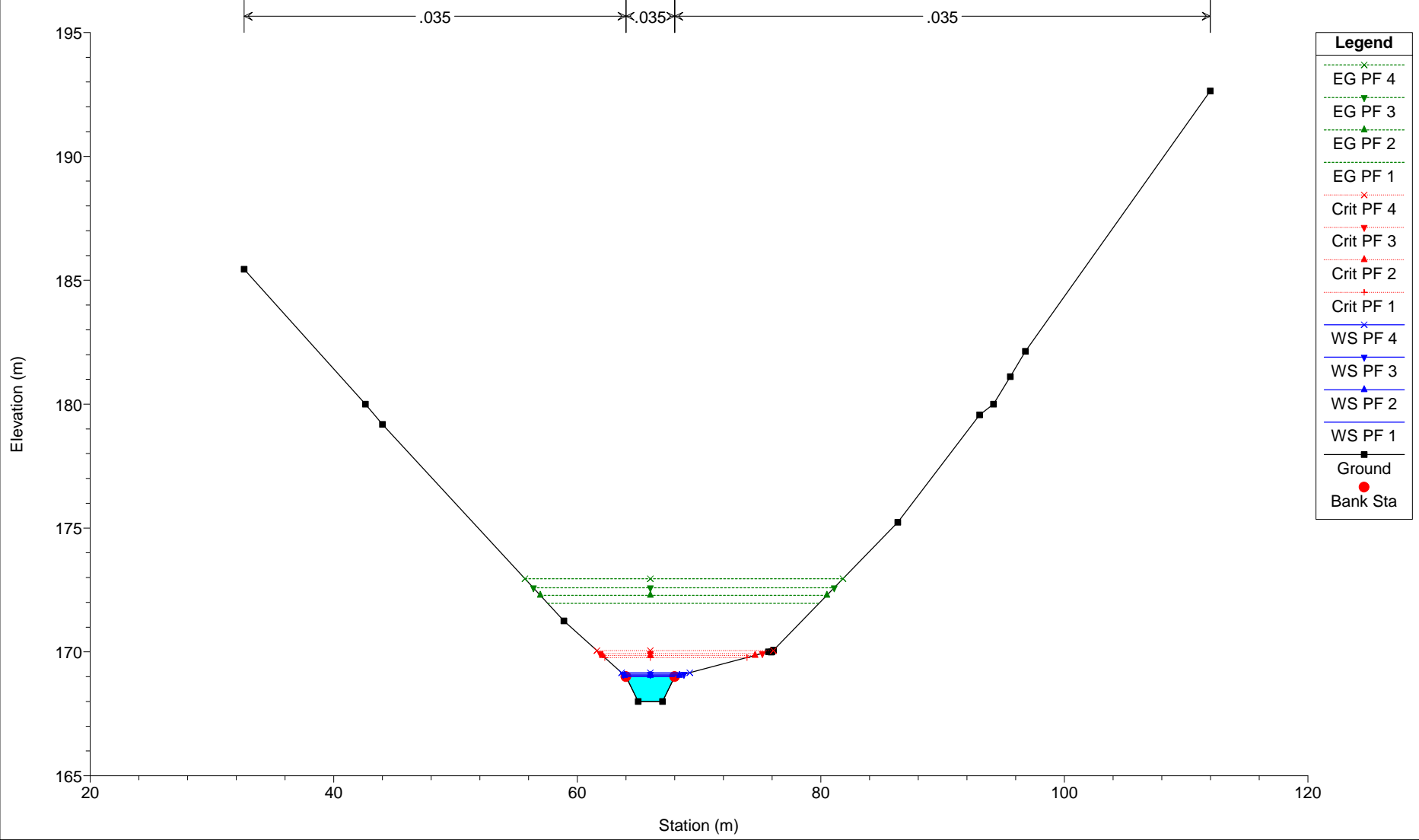


Legend	
EG PF 4	Green dashed line with 'x' marker
EG PF 3	Green dashed line with inverted triangle marker
EG PF 2	Green dashed line with triangle marker
EG PF 1	Green dashed line with 'x' marker
Crit PF 4	Red dotted line with 'x' marker
Crit PF 3	Red dotted line with inverted triangle marker
Crit PF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

Badde Ghia Plan: Plan 01

Geom: Badde Ghia

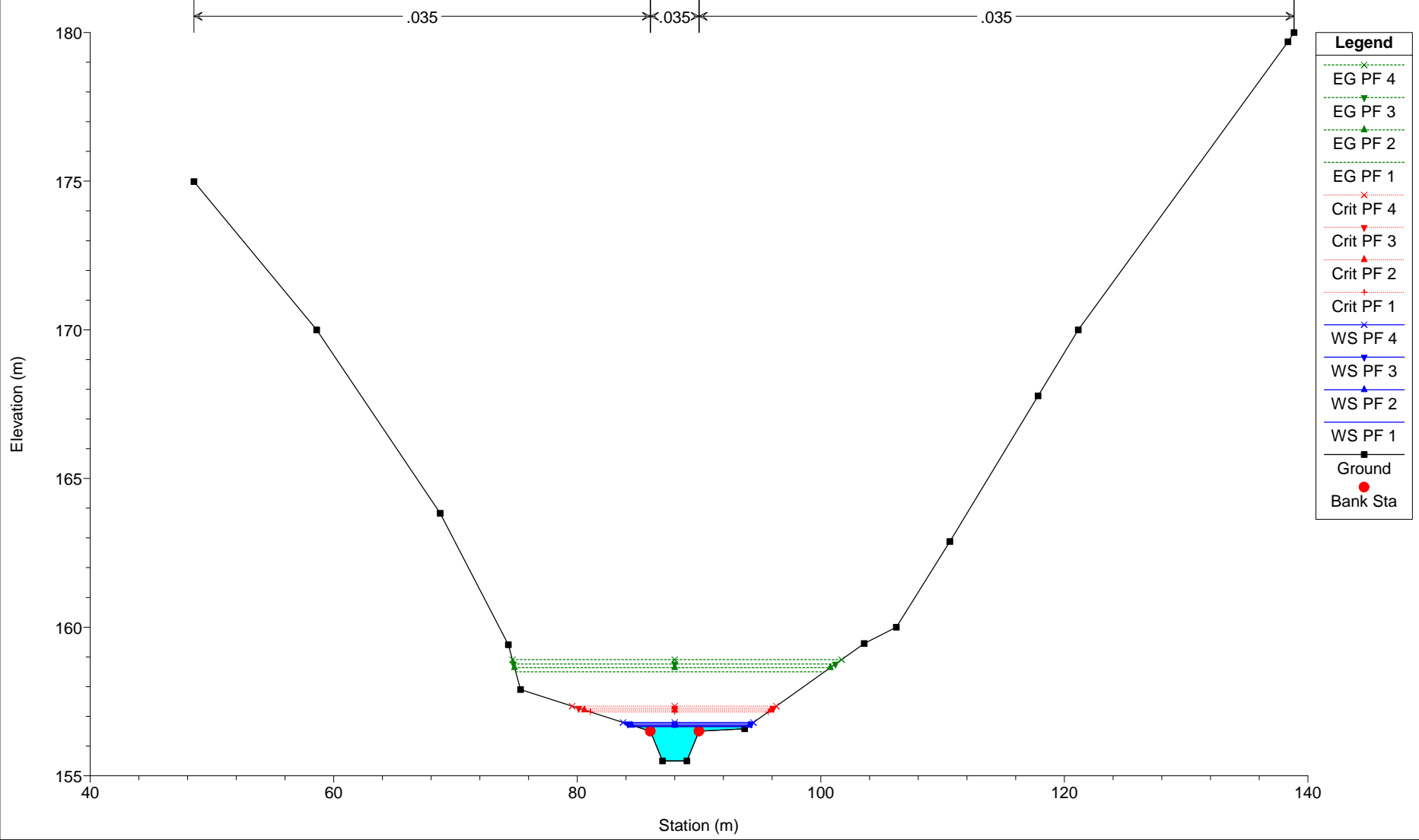
River = Badde Ghia Reach = monte RS = 888.1266



Badde Ghia Plan: Plan 01

Geom: Badde Ghia

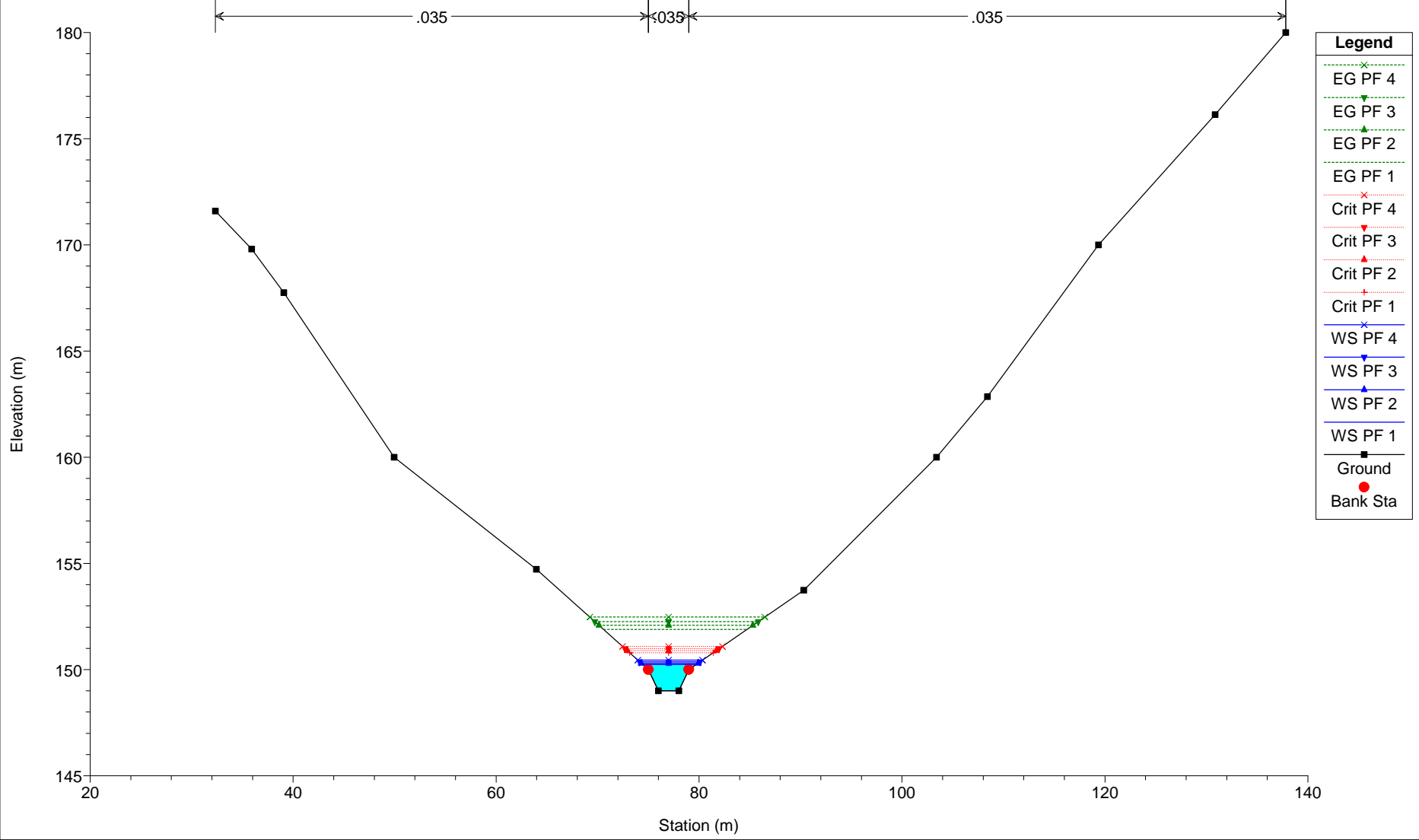
River = Badde Ghia Reach = monte RS = 699.1658



Badde Ghia Plan: Plan 01

Geom: Badde Ghia

River = Badde Ghia Reach = monte RS = 576.1298

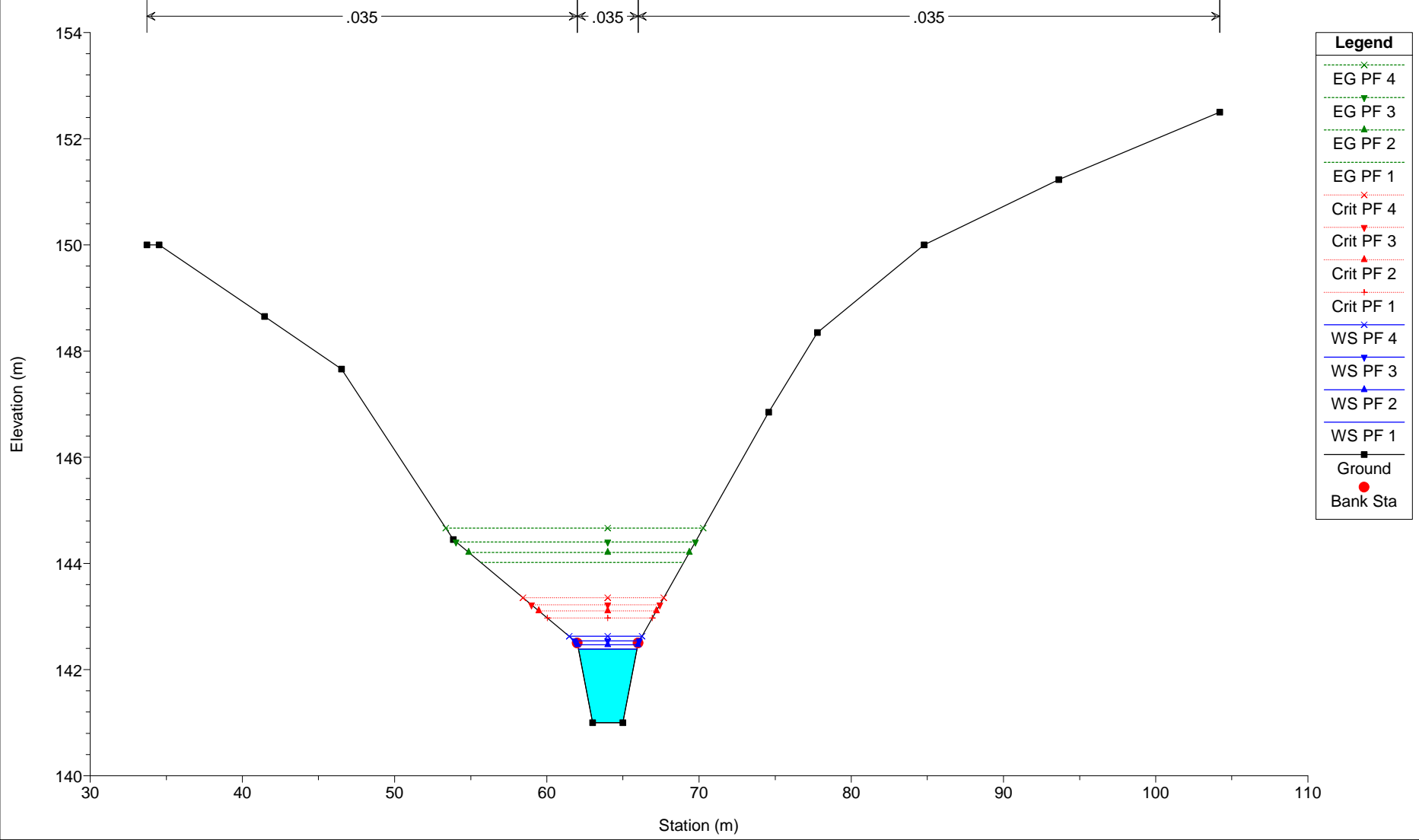


- Legend**
- EG PF 4
 - EG PF 3
 - EG PF 2
 - EG PF 1
 - Crit PF 4
 - Crit PF 3
 - Crit PF 2
 - Crit PF 1
 - WS PF 4
 - WS PF 3
 - WS PF 2
 - WS PF 1
 - Ground
 - Bank Sta

Badde Ghia Plan: Plan 01

Geom: Badde Ghia

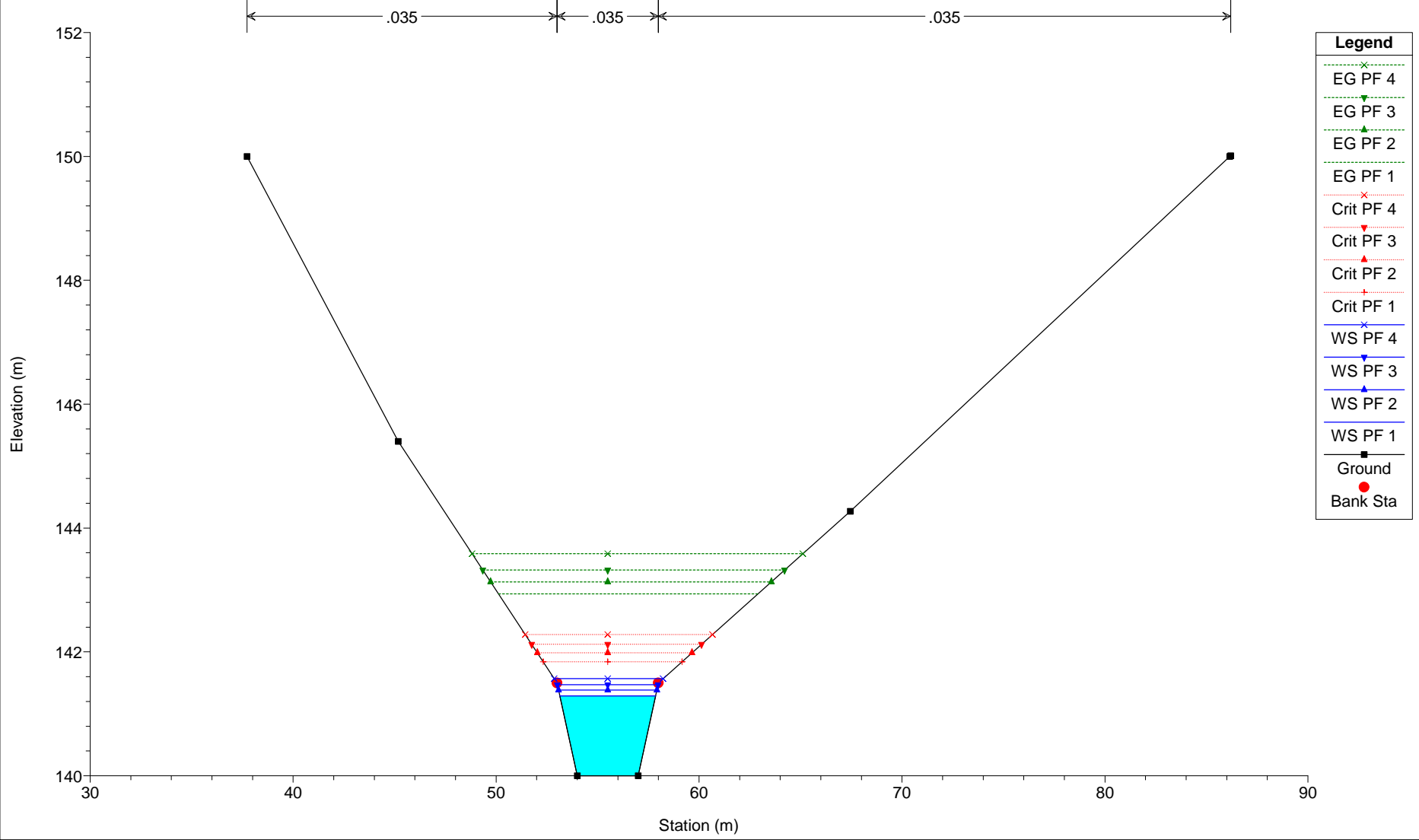
River = Badde Ghia Reach = monte RS = 437.8251



Badde Ghia Plan: Plan 01

Geom: Badde Ghia

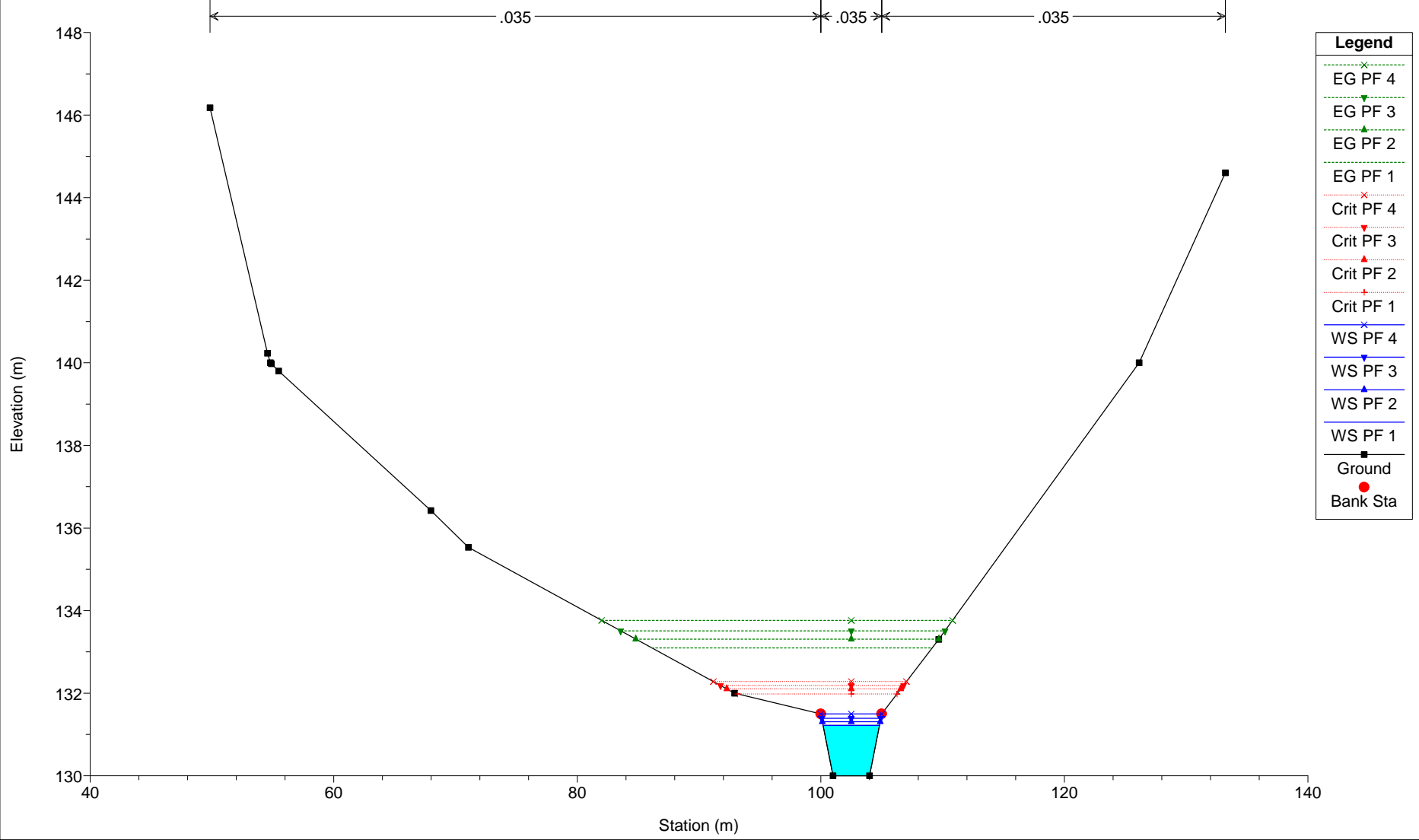
River = Badde Ghia Reach = valle RS = 395.7453



Badde Ghia Plan: Plan 01

Geom: Badde Ghia

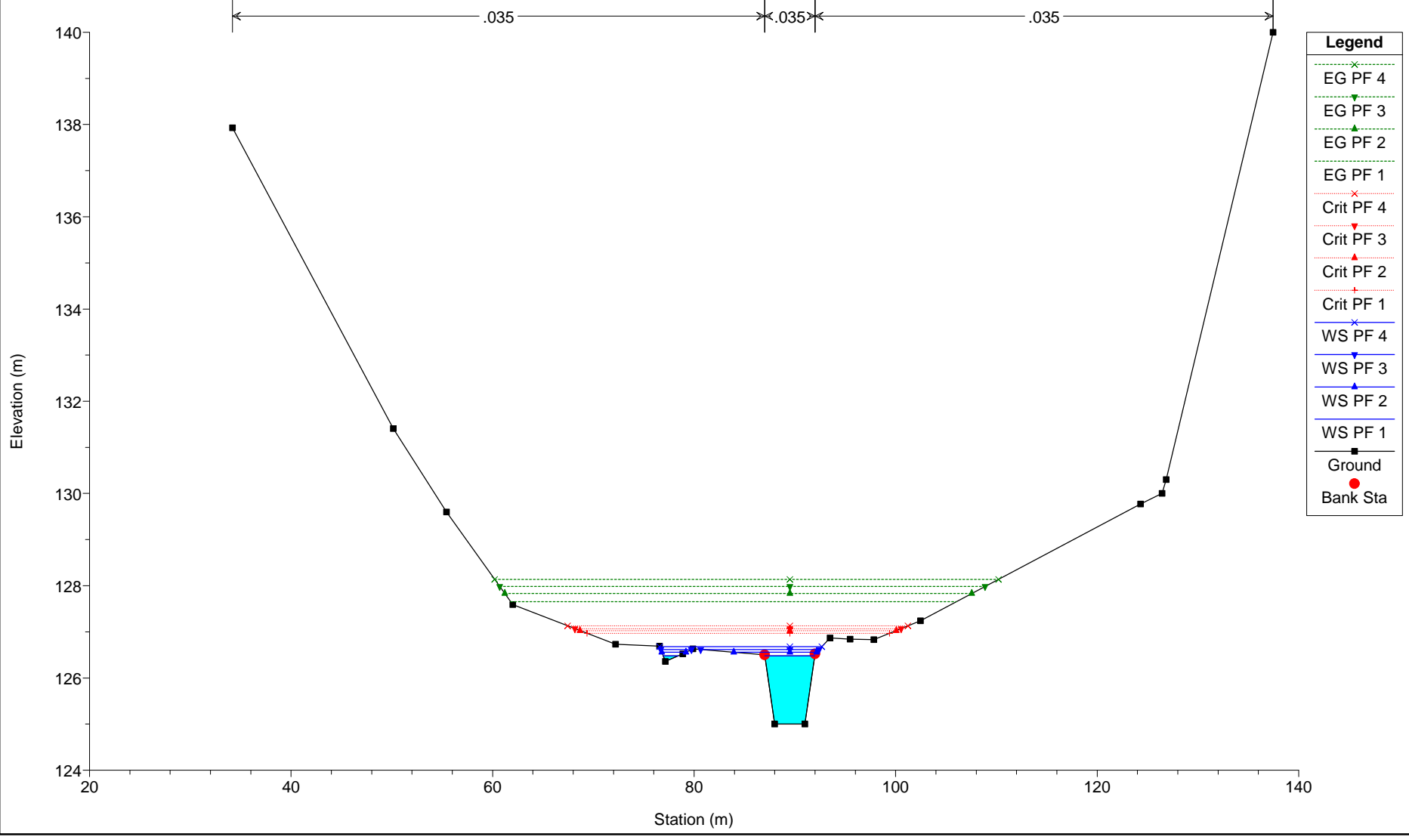
River = Badde Ghia Reach = valle RS = 224.5949



Badde Ghia Plan: Plan 01

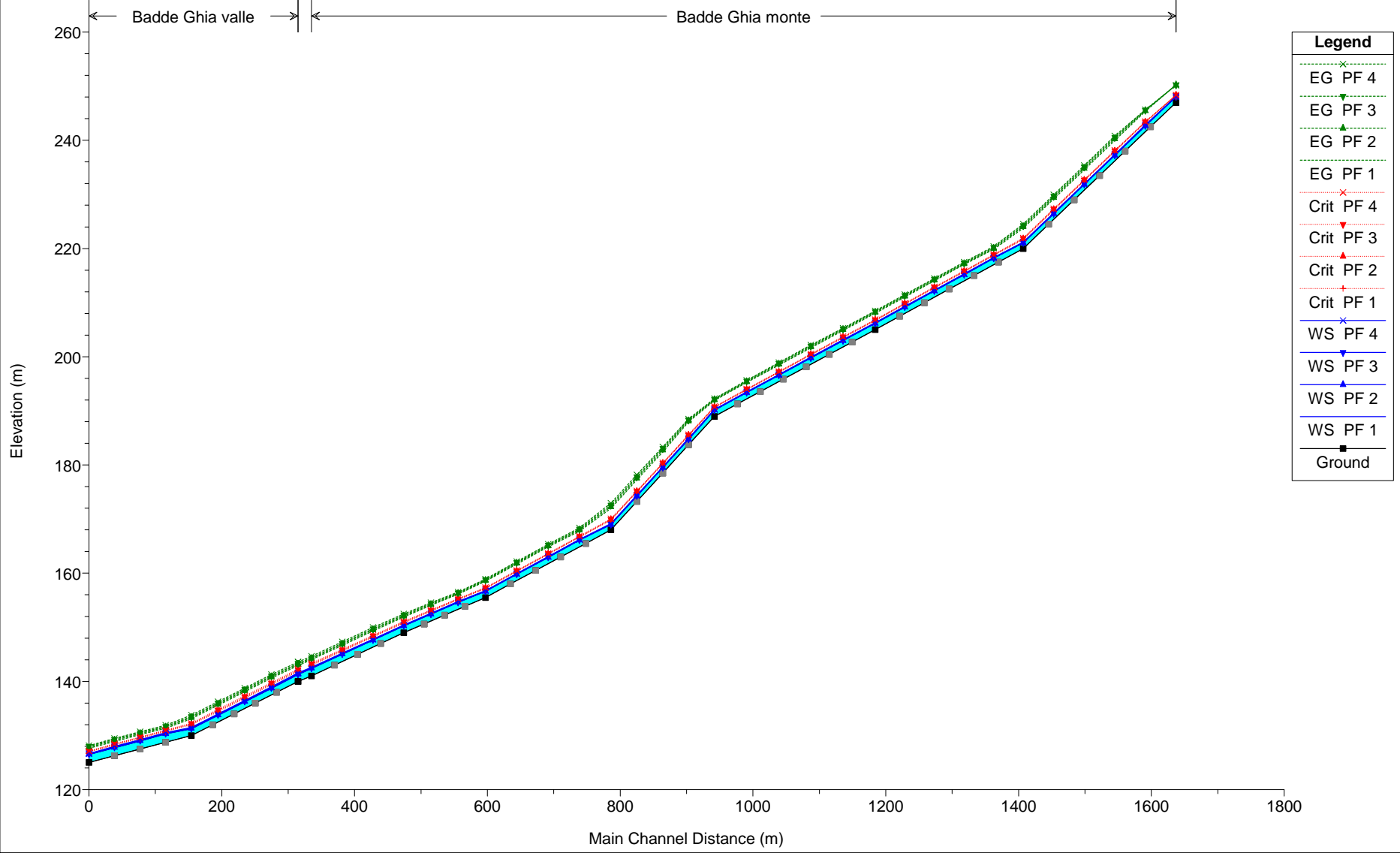
Geom: Badde Ghia

River = Badde Ghia Reach = valle RS = 70.90475



Badde Ghia Plan: Plan 01

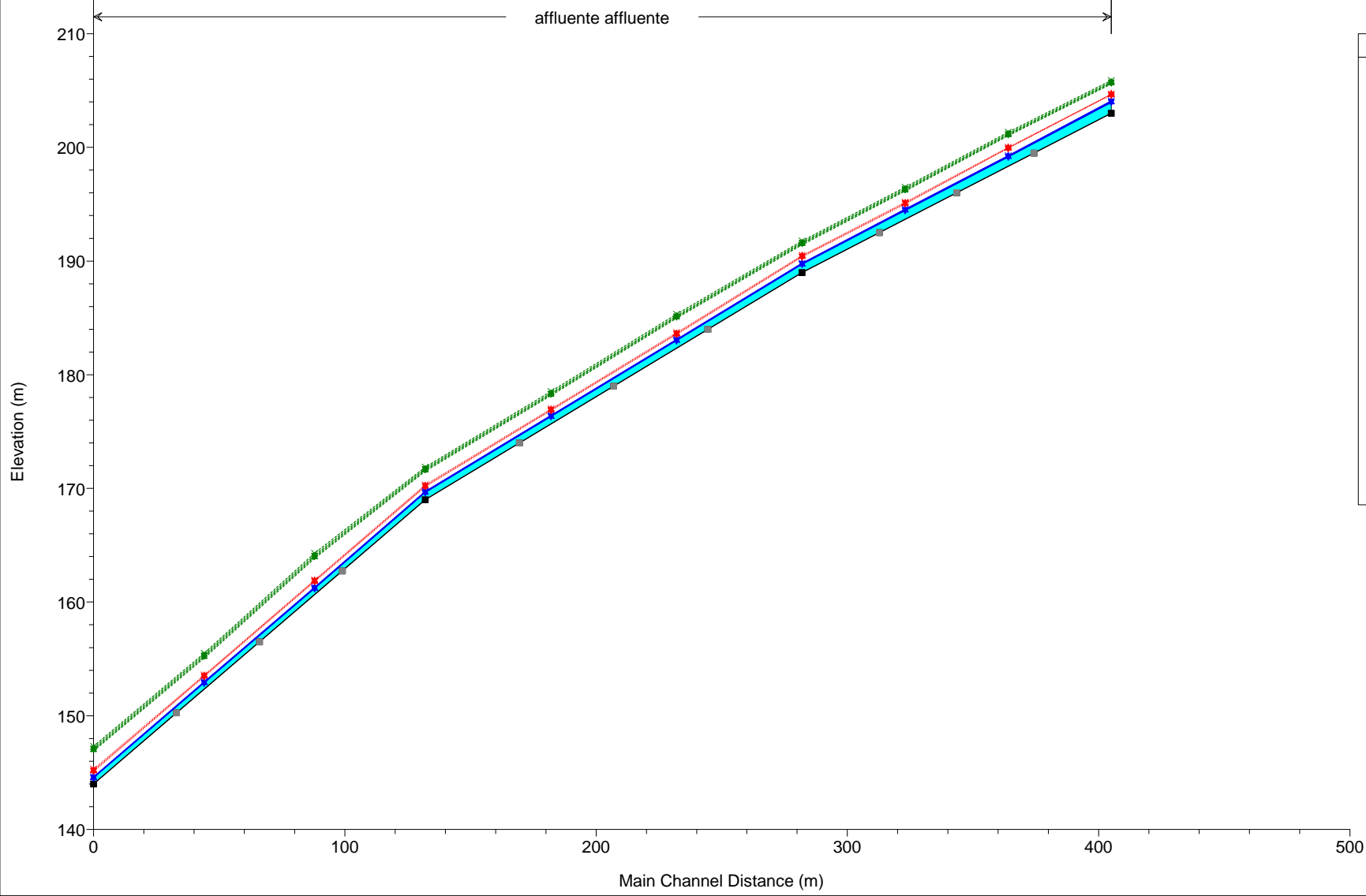
Geom: Badde Ghia



Badde Ghia Plan: Plan 01

Geom: Badde Ghia

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 circle markers)
Crit PF 4	(Red dotted line with 'x' markers)
Crit PF 3	(Red dash-dot line with inverted triangle markers)
Crit PF 2	(Red solid line with triangle markers)
Crit PF 1	(Red dashed line with circle markers)
WS PF 4	(Blue solid line with 'x' markers)
WS PF 3	(Blue dashed line with inverted triangle markers)
WS PF 2	(Blue dotted line with triangle markers)
WS PF 1	(Blue dash-dot line with circle 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
Badde Ghia	monte	1739.927	PF 1	22.90	247.00	248.04	248.29	250.28	0.100141	6.82	4.53	43.23	2.45
Badde Ghia	monte	1739.927	PF 2	25.56	247.00	248.06	248.32	250.25	0.100145	6.95	5.52	45.49	2.46
Badde Ghia	monte	1739.927	PF 3	28.22	247.00	248.08	248.34	250.21	0.100153	7.06	6.39	47.38	2.47
Badde Ghia	monte	1739.927	PF 4	31.78	247.00	248.10	248.36	250.17	0.100190	7.18	7.45	49.59	2.48
Badde Ghia	monte	1509.412	PF 1	22.90	220.00	221.03	221.69	223.75	0.117517	7.32	3.19	6.35	2.65
Badde Ghia	monte	1509.412	PF 2	25.56	220.00	221.08	221.76	224.00	0.117683	7.62	3.50	6.64	2.67
Badde Ghia	monte	1509.412	PF 3	28.22	220.00	221.12	221.84	224.23	0.117834	7.90	3.80	6.92	2.70
Badde Ghia	monte	1509.412	PF 4	31.78	220.00	221.18	221.93	224.50	0.118040	8.23	4.18	7.26	2.73
Badde Ghia	monte	1286.695	PF 1	22.90	205.00	206.16	206.67	208.04	0.067023	6.14	4.02	8.65	2.05
Badde Ghia	monte	1286.695	PF 2	25.56	205.00	206.21	206.74	208.19	0.067233	6.36	4.47	9.29	2.07
Badde Ghia	monte	1286.695	PF 3	28.22	205.00	206.26	206.80	208.32	0.067411	6.57	4.89	9.73	2.09
Badde Ghia	monte	1286.695	PF 4	31.78	205.00	206.31	206.88	208.48	0.067498	6.81	5.43	10.28	2.11
Badde Ghia	monte	1044.254	PF 1	22.90	189.00	190.13	190.59	191.92	0.068634	6.09	4.28	10.13	2.06
Badde Ghia	monte	1044.254	PF 2	25.56	189.00	190.18	190.66	192.04	0.068869	6.29	4.72	10.55	2.08
Badde Ghia	monte	1044.254	PF 3	28.22	189.00	190.22	190.72	192.15	0.069008	6.48	5.15	10.94	2.10
Badde Ghia	monte	1044.254	PF 4	31.78	189.00	190.27	190.79	192.29	0.069117	6.70	5.70	11.42	2.12
Badde Ghia	monte	888.1266	PF 1	22.90	168.00	169.00	169.77	171.96	0.134226	7.63	3.00	4.01	2.81
Badde Ghia	monte	888.1266	PF 2	25.56	168.00	169.05	169.86	172.29	0.134449	7.97	3.22	4.51	2.84
Badde Ghia	monte	888.1266	PF 3	28.22	168.00	169.10	169.94	172.59	0.134450	8.29	3.45	4.99	2.87
Badde Ghia	monte	888.1266	PF 4	31.78	168.00	169.16	170.05	172.96	0.133957	8.66	3.77	5.59	2.90
Badde Ghia	monte	699.1658	PF 1	22.90	155.50	156.65	157.15	158.50	0.067750	6.12	4.12	9.13	2.06
Badde Ghia	monte	699.1658	PF 2	25.56	155.50	156.70	157.21	158.63	0.067821	6.34	4.56	9.65	2.08
Badde Ghia	monte	699.1658	PF 3	28.22	155.50	156.74	157.27	158.76	0.067906	6.53	4.98	10.12	2.09
Badde Ghia	monte	699.1658	PF 4	31.78	155.50	156.79	157.34	158.91	0.068028	6.76	5.53	10.70	2.11
Badde Ghia	monte	576.1298	PF 1	22.90	149.00	150.24	150.79	151.90	0.052479	5.73	4.11	5.28	1.84
Badde Ghia	monte	576.1298	PF 2	25.56	149.00	150.30	150.89	152.09	0.052210	5.96	4.46	5.62	1.85
Badde Ghia	monte	576.1298	PF 3	28.22	149.00	150.36	150.98	152.26	0.051901	6.17	4.81	5.95	1.87
Badde Ghia	monte	576.1298	PF 4	31.78	149.00	150.44	151.09	152.47	0.051311	6.42	5.29	6.37	1.88
Badde Ghia	monte	437.8251	PF 1	22.90	141.00	142.38	142.97	144.02	0.056722	5.66	4.04	3.84	1.76
Badde Ghia	monte	437.8251	PF 2	25.56	141.00	142.47	143.11	144.21	0.057210	5.84	4.37	3.96	1.77
Badde Ghia	monte	437.8251	PF 3	28.22	141.00	142.54	143.22	144.41	0.057298	6.05	4.67	4.25	1.79
Badde Ghia	monte	437.8251	PF 4	31.78	141.00	142.63	143.35	144.67	0.057075	6.33	5.06	4.78	1.81
Badde Ghia	valle	395.7453	PF 1	28.32	140.00	141.29	141.84	142.94	0.051833	5.68	4.98	4.72	1.77
Badde Ghia	valle	395.7453	PF 2	31.80	140.00	141.39	141.98	143.13	0.051409	5.85	5.43	4.85	1.76
Badde Ghia	valle	395.7453	PF 3	35.26	140.00	141.47	142.12	143.32	0.051593	6.03	5.85	4.96	1.77
Badde Ghia	valle	395.7453	PF 4	39.89	140.00	141.57	142.28	143.59	0.051327	6.30	6.35	5.36	1.79
Badde Ghia	valle	224.5949	PF 1	28.32	130.00	131.22	131.98	133.10	0.062151	6.07	4.67	4.63	1.93
Badde Ghia	valle	224.5949	PF 2	31.80	130.00	131.31	132.10	133.31	0.062175	6.27	5.07	4.75	1.94
Badde Ghia	valle	224.5949	PF 3	35.26	130.00	131.39	132.19	133.51	0.062185	6.45	5.47	4.86	1.94
Badde Ghia	valle	224.5949	PF 4	39.89	130.00	131.50	132.28	133.76	0.062180	6.67	5.98	4.99	1.95
Badde Ghia	valle	70.90475	PF 1	28.32	125.00	126.48	126.97	127.65	0.032641	4.81	5.97	6.43	1.41
Badde Ghia	valle	70.90475	PF 2	31.80	125.00	126.56	127.03	127.83	0.033267	5.02	6.60	10.60	1.43
Badde Ghia	valle	70.90475	PF 3	35.26	125.00	126.62	127.07	127.98	0.033997	5.24	7.36	14.80	1.46
Badde Ghia	valle	70.90475	PF 4	39.89	125.00	126.68	127.13	128.14	0.034944	5.49	8.38	16.11	1.49
affluente	affluente	425.3397	PF 1	9.39	203.00	203.97	204.63	205.57	0.100180	5.61	1.67	2.46	2.17
affluente	affluente	425.3397	PF 2	10.09	203.00	204.00	204.64	205.67	0.100150	5.71	1.77	2.52	2.18
affluente	affluente	425.3397	PF 3	10.79	203.00	204.04	204.66	205.76	0.100169	5.81	1.86	2.57	2.18
affluente	affluente	425.3397	PF 4	11.80	203.00	204.09	204.68	205.89	0.100192	5.94	1.99	2.65	2.19
affluente	affluente	302.1161	PF 1	9.39	189.00	189.73	190.35	191.44	0.117706	5.80	1.62	2.95	2.50
affluente	affluente	302.1161	PF 2	10.09	189.00	189.76	190.40	191.54	0.117604	5.91	1.71	3.01	2.51
affluente	affluente	302.1161	PF 3	10.79	189.00	189.78	190.44	191.63	0.117516	6.02	1.79	3.07	2.51
affluente	affluente	302.1161	PF 4	11.80	189.00	189.82	190.49	191.76	0.117495	6.17	1.91	3.15	2.52
affluente	affluente	152.986	PF 1	9.39	169.00	169.64	170.14	171.52	0.136543	6.08	1.54	2.85	2.64
affluente	affluente	152.986	PF 2	10.09	169.00	169.67	170.19	171.63	0.136310	6.21	1.63	2.89	2.64
affluente	affluente	152.986	PF 3	10.79	169.00	169.69	170.24	171.73	0.136101	6.33	1.70	2.92	2.65
affluente	affluente	152.986	PF 4	11.80	169.00	169.73	170.30	171.88	0.135810	6.49	1.82	2.97	2.65
affluente	affluente	20.63561	PF 1	9.39	144.00	144.54	145.09	146.91	0.199643	6.81	1.38	3.08	3.25
affluente	affluente	20.63561	PF 2	10.09	144.00	144.57	145.16	147.03	0.198883	6.95	1.45	3.13	3.26
affluente	affluente	20.63561	PF 3	10.79	144.00	144.59	145.22	147.14	0.198090	7.08	1.52	3.18	3.27
affluente	affluente	20.63561	PF 4	11.80	144.00	144.62	145.30	147.31	0.197297	7.26	1.62	3.24	3.27