



REGIONE AUTONOMA DELLA SARDEGNA



COMUNE DI SASSARI

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**STUDIO DI ASSETTO IDRAULICO DEL
TERRITORIO COMUNALE
VARIANTE AL PAI
ai sensi dell'Art. 37 c. 3 delle N.A.
Aggiornamento a seguito di prescrizioni
(prot. n. 12928 del 30.12.2020)**

DATA: Febbraio 2021	SCALA:	REV: 0	ALLEGATO:
ELABORATO: Simulazioni in moto permanente (RIO BADDE PERTUSU - RIO GALARU - RIU TRAINU ISPIRIDA - RIO SAN NICOLA)			C-6
TECNICO INCARICATO: Dott. Ing. Alessia Vargiu  ORDINE INGEGNERI PROVINCIA CAGLIARI N. 3934 Dott. Ing. ALESSIA VARGIU			
			COLLABORATORI: Dott. Ing. Pier Franco Azzena Dott. Ing. Michela Cardia Geom. Luisa Antonetti CONSULENTI: Dott. Ing. Fabio Cambula Dott. Ing. Marco Pani Dott. Ing. Silvia Pisano
DIRIGENTE SETTORE PIANIFICAZIONE TERRITORIALE, PAESAGGIO E SVILUPPO TURISTICO Dott. Ing. Giovanni Antonio Pisoni			

COMUNE DI SASSARI

Studio di Assetto Idraulico del territorio comunale

Variante al PAI ai sensi dell'art. 374 c.3 delle N.A.

Aggiornamento a seguito di prescrizioni (prot. N. 12928 del 30.12.2020)

Area di indagine: **TERRITORIO COMUNALE**

SIMULAZIONI IN MOTO PERMANENTE

Il presente elaborato contiene i seguenti modelli:

23. Rio Badde Pertusu

24. Rio Galaru

25. Rio Trainu Ispirida

26. Rio San Nicola

COMUNE DI SASSARI

Studio di Assetto Idraulico del territorio comunale

Variante al PAI ai sensi dell'art. 374 c.3 delle N.A.

Aggiornamento a seguito di prescrizioni (prot. N. 12928 del 30.12.2020)

Area di indagine: **TERRITORIO COMUNALE**

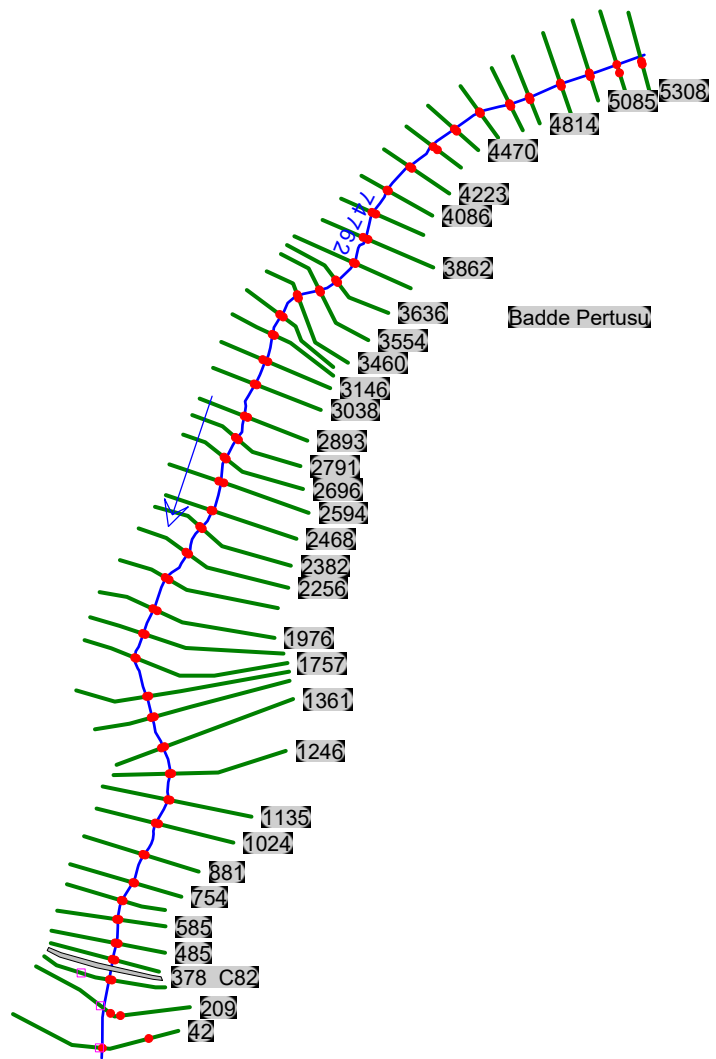
SIMULAZIONI IN MOTO PERMANENTE

Modello 23 : Rio Badde Pertusu

- Schema planimetrico del modello matematico;
- Profili longitudinali con livelli idrici per i tempi di ritorno 50, 100, 200 e 500 anni;
- Sezioni trasversali con livelli idrici per tempi di ritorno 50, 100, 200 e 500 anni;
- Tabulati numerici di output per tempi di ritorno 50, 100, 200 e 500 anni;
- Calcolo della portata critica;
- Profilo longitudinale del livello idrico per il tempo di ritorno critico TC;
- Verifica dei franchi idraulici e della portata critica;

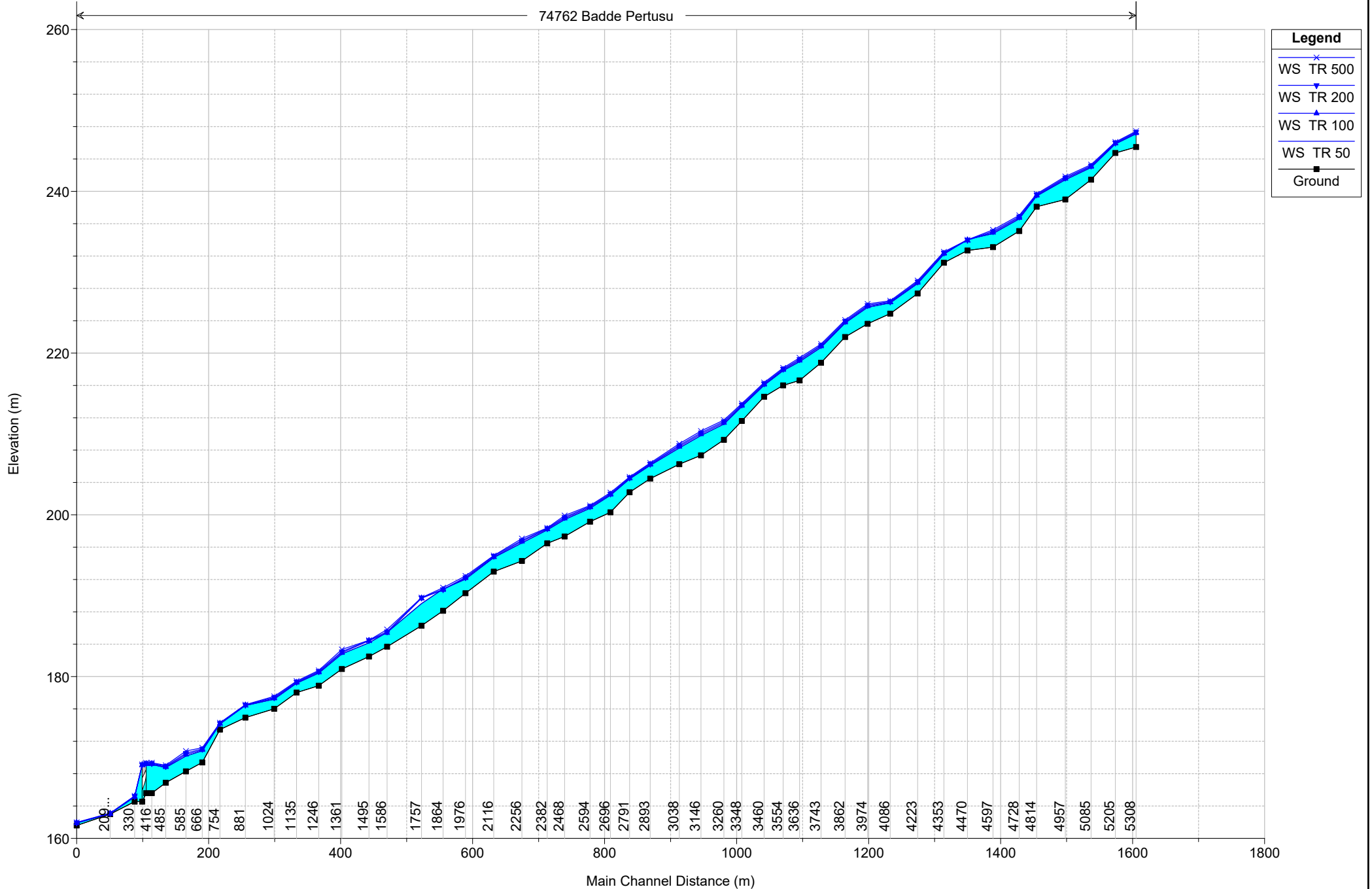
River	Reach	RS	PORTATE mc/s			
			TR 50	TR 100	TR 200	TR 500
74762	Badde Pertusu	5308	22.96	27.258	31.632	37.596

River	Reach	PROFILI	condizioni al contorno	
			upstream	downstream
74762	Badde Pertusu	all	Critical Depth	Critical Depth



74762-BaddePertusu Plan: Plan 01 2/5/2021

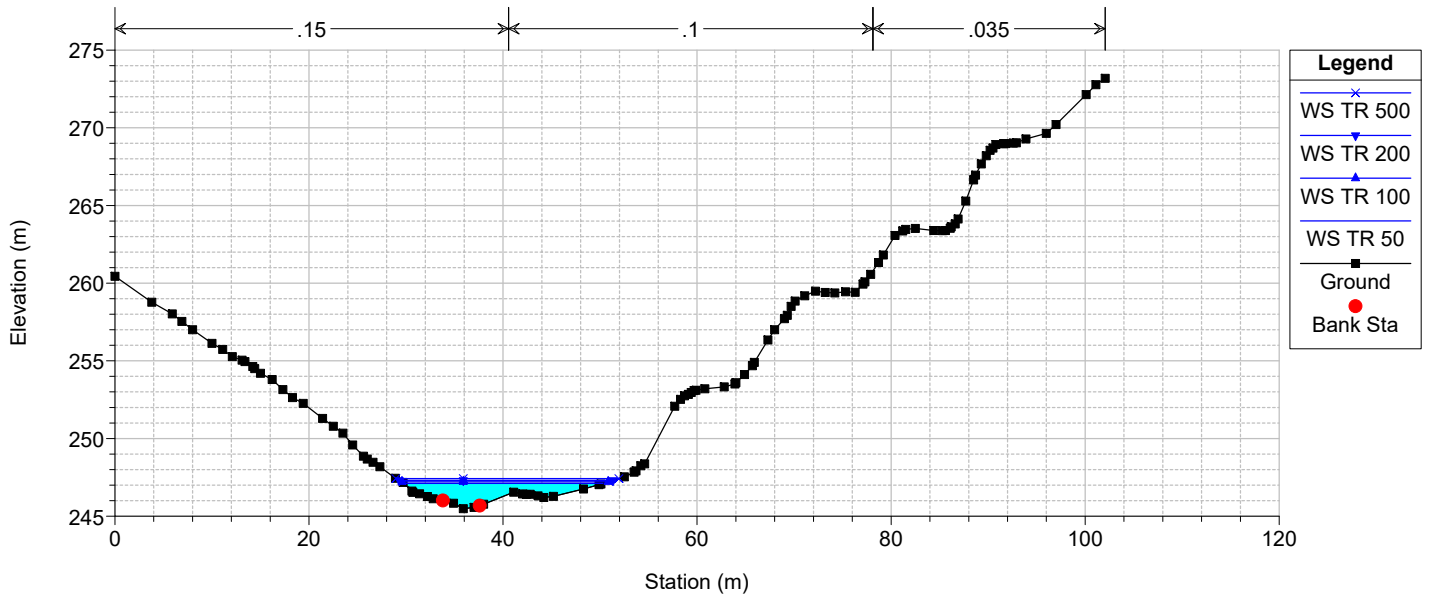
Geom: 74762-BaddePertusu Flow: Badde_Pertusu COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

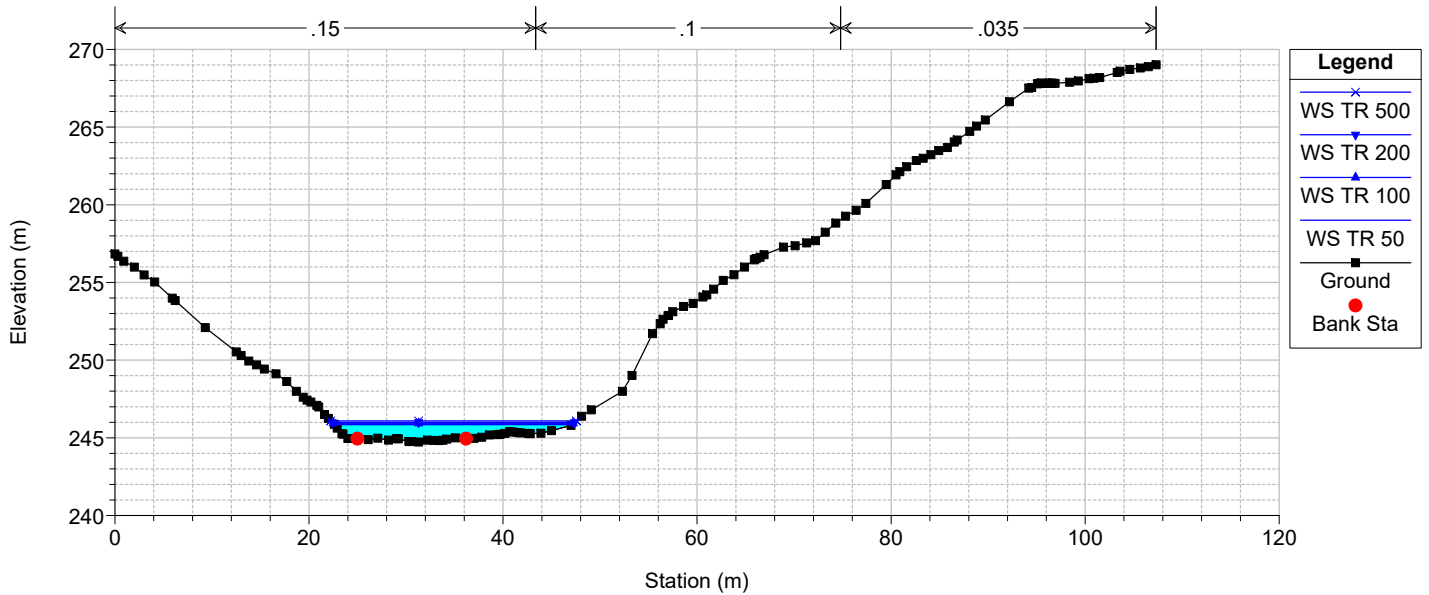
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

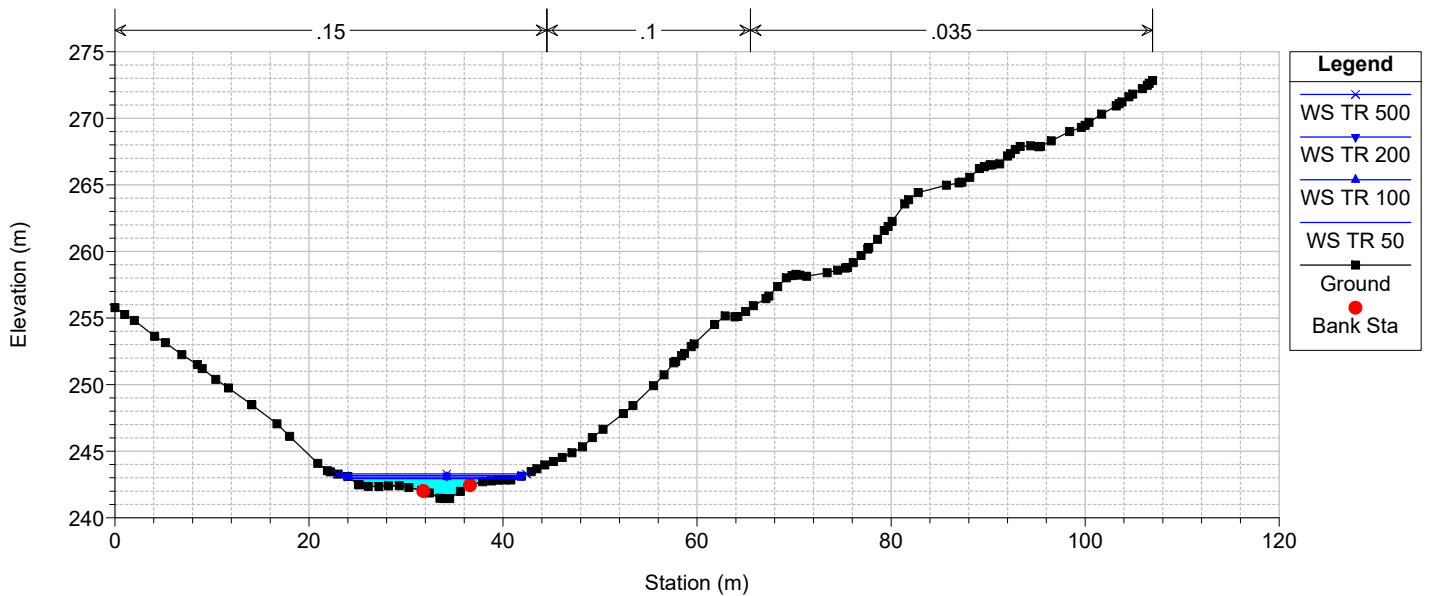
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

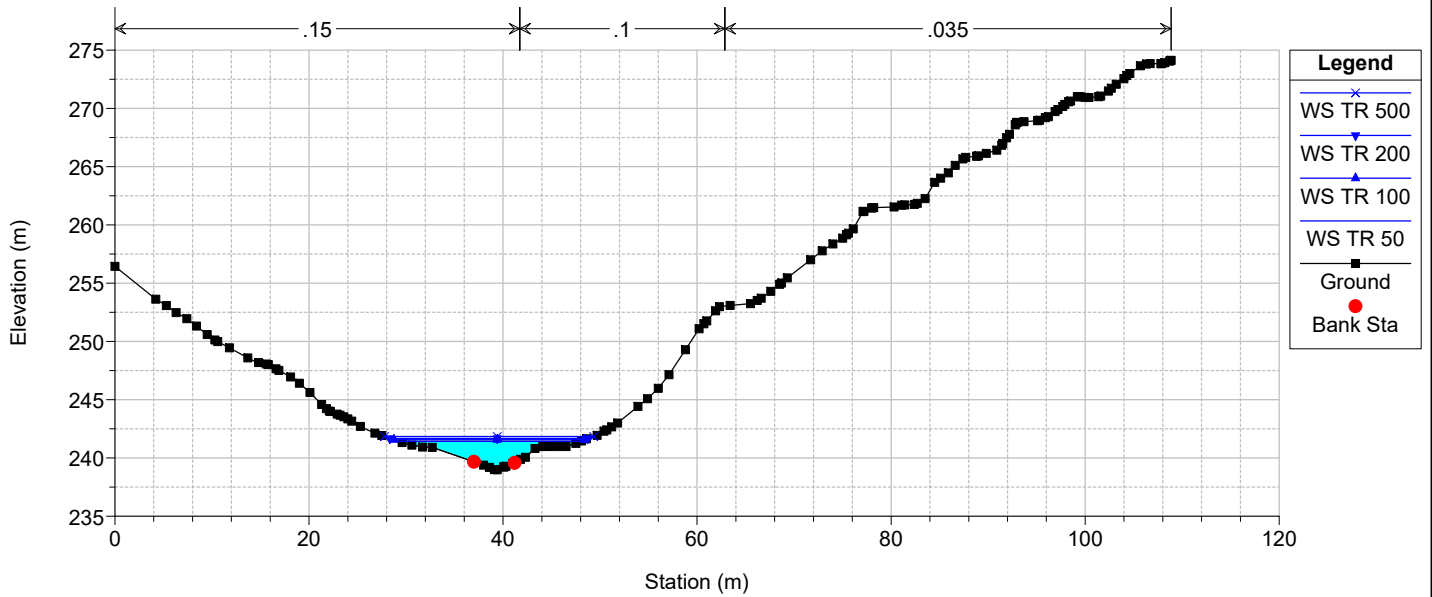
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

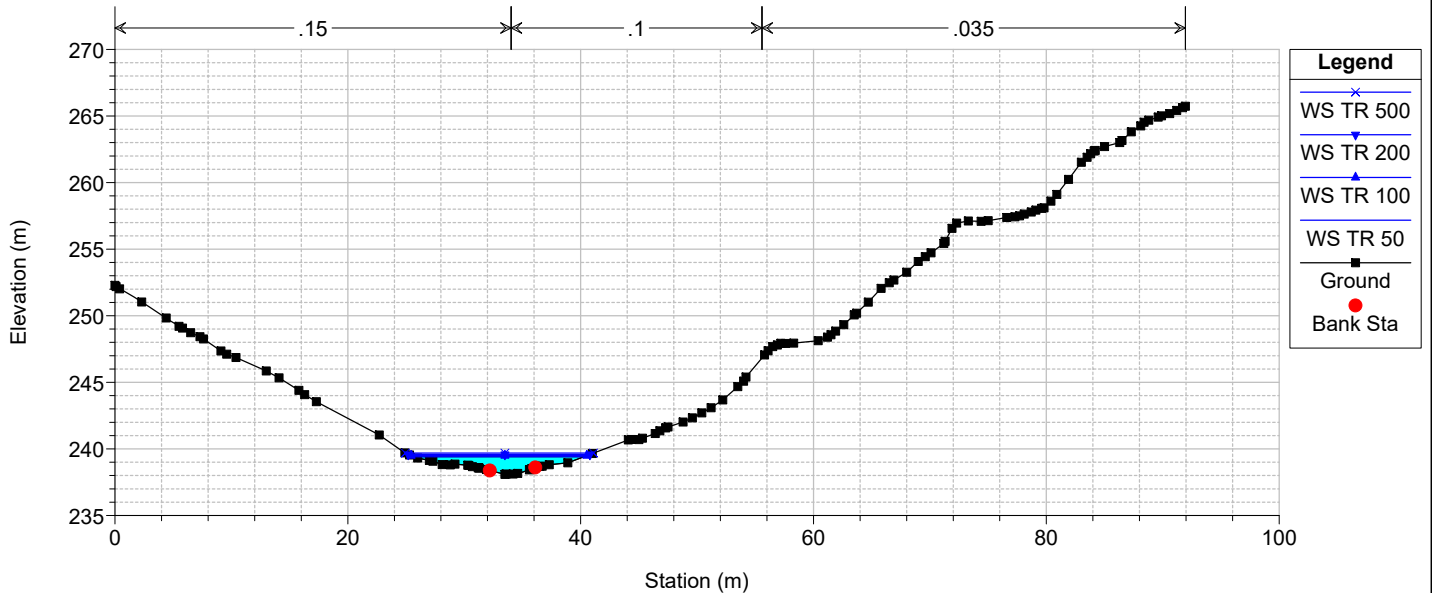
River = 74762 Reach = Badde Pertusu RS = 4957 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

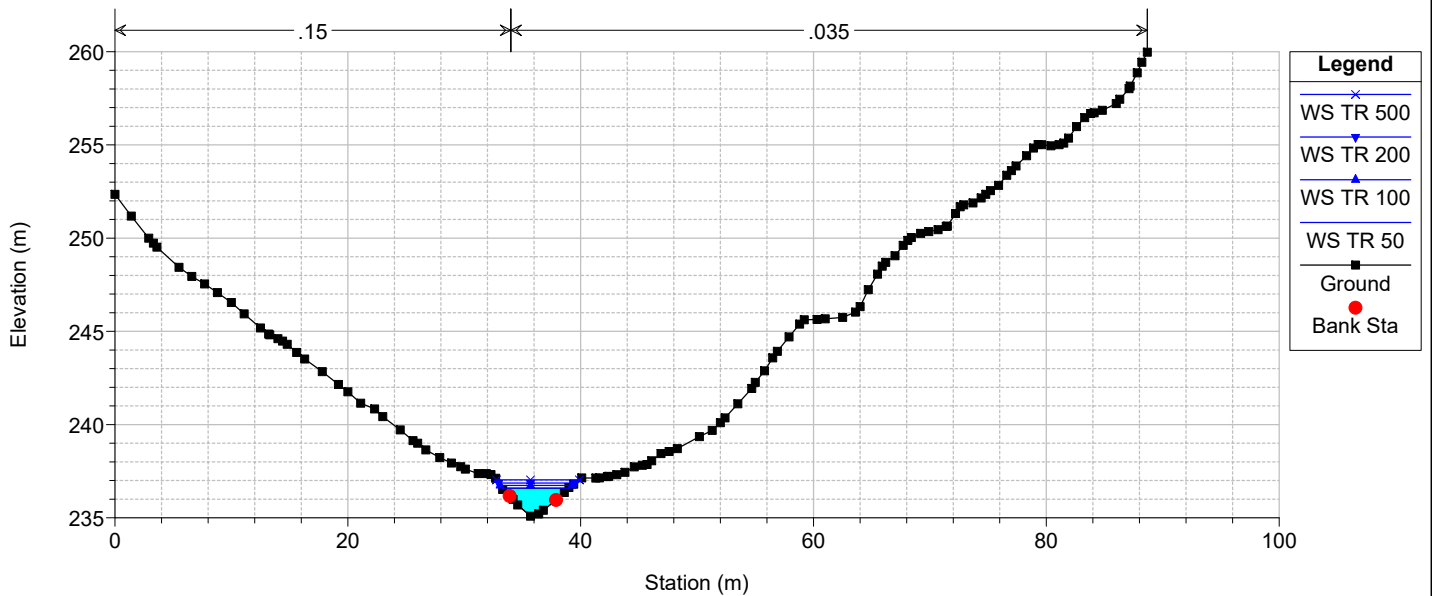
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

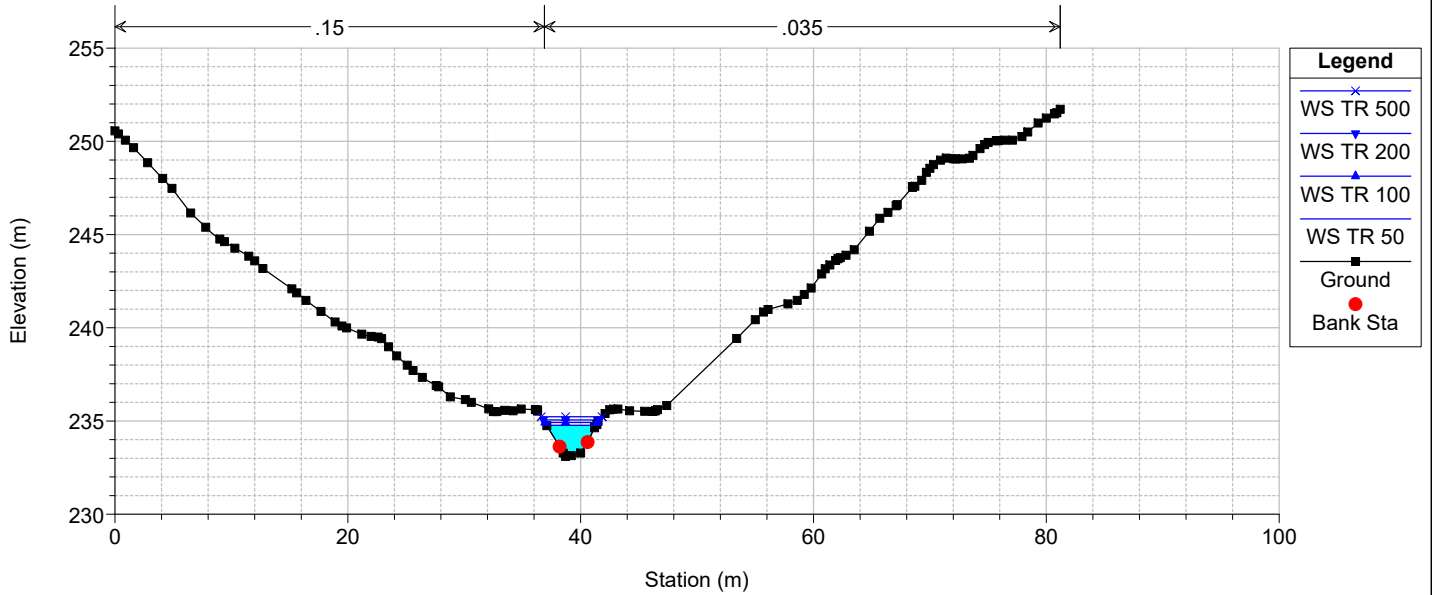
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

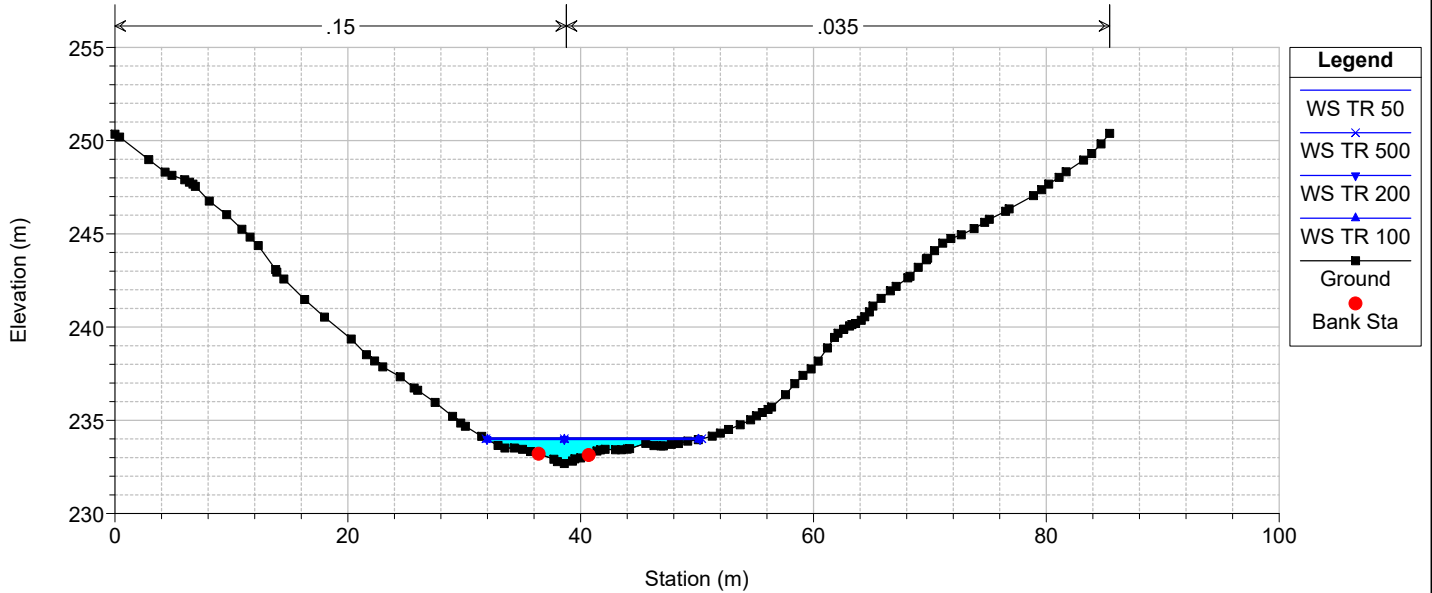
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

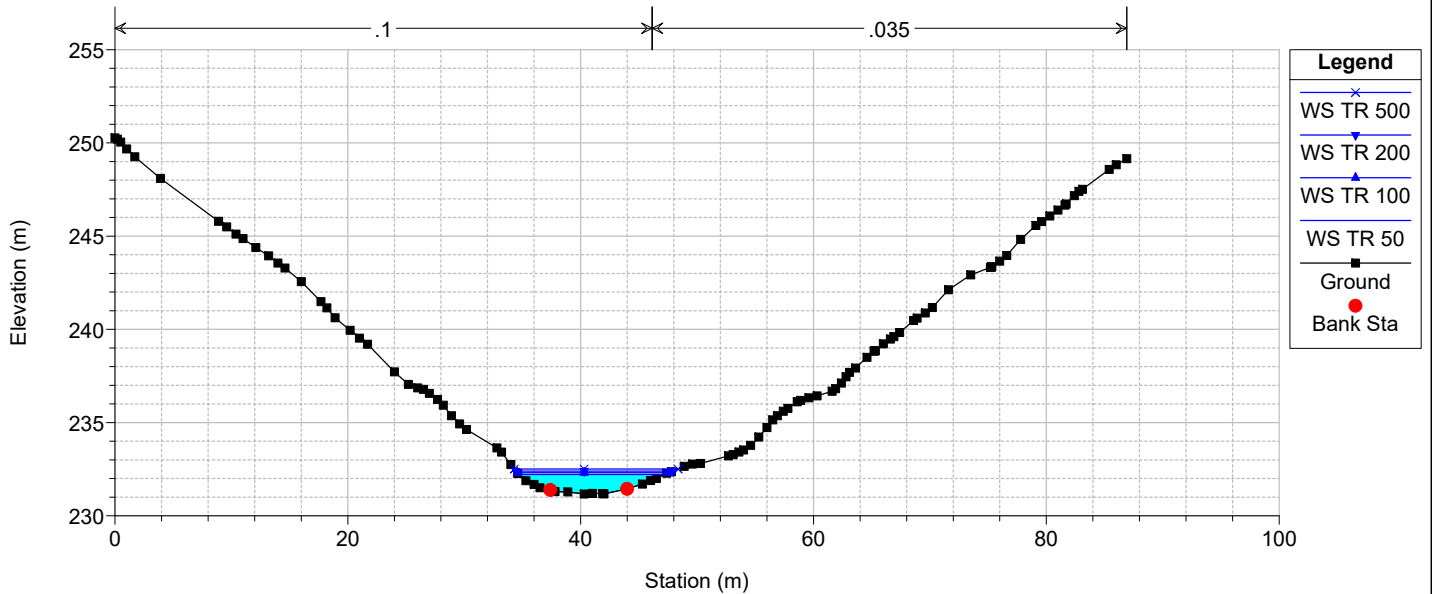
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

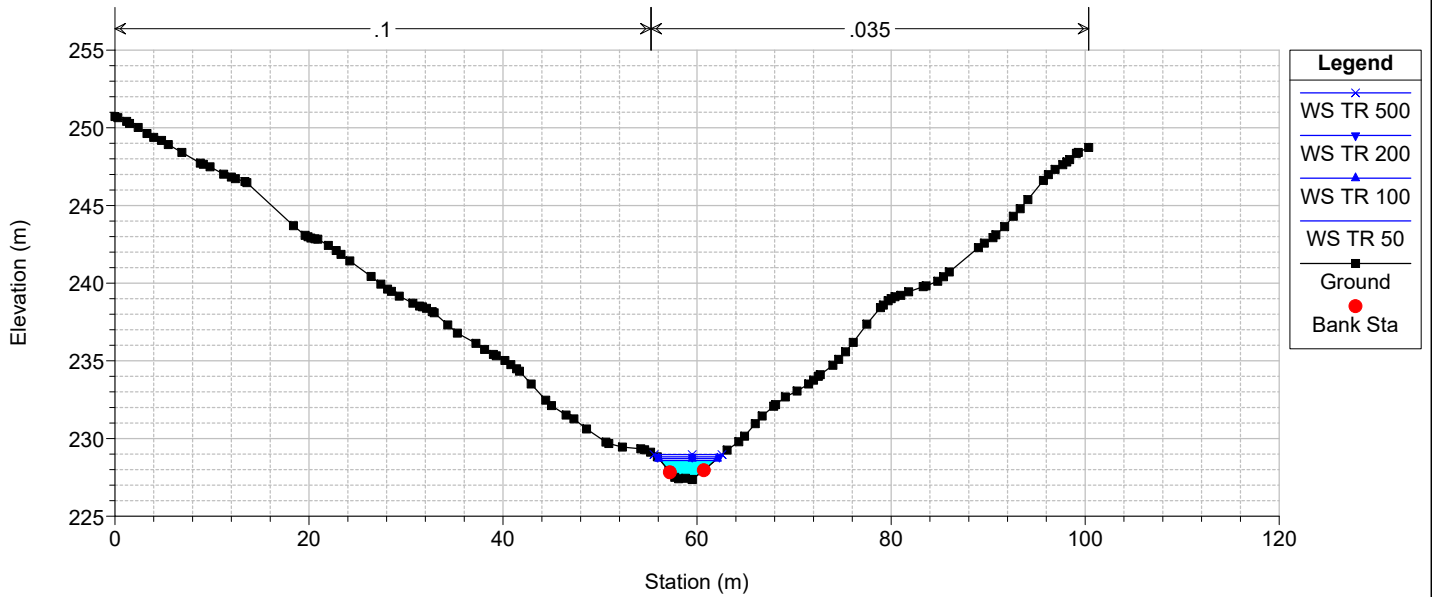
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

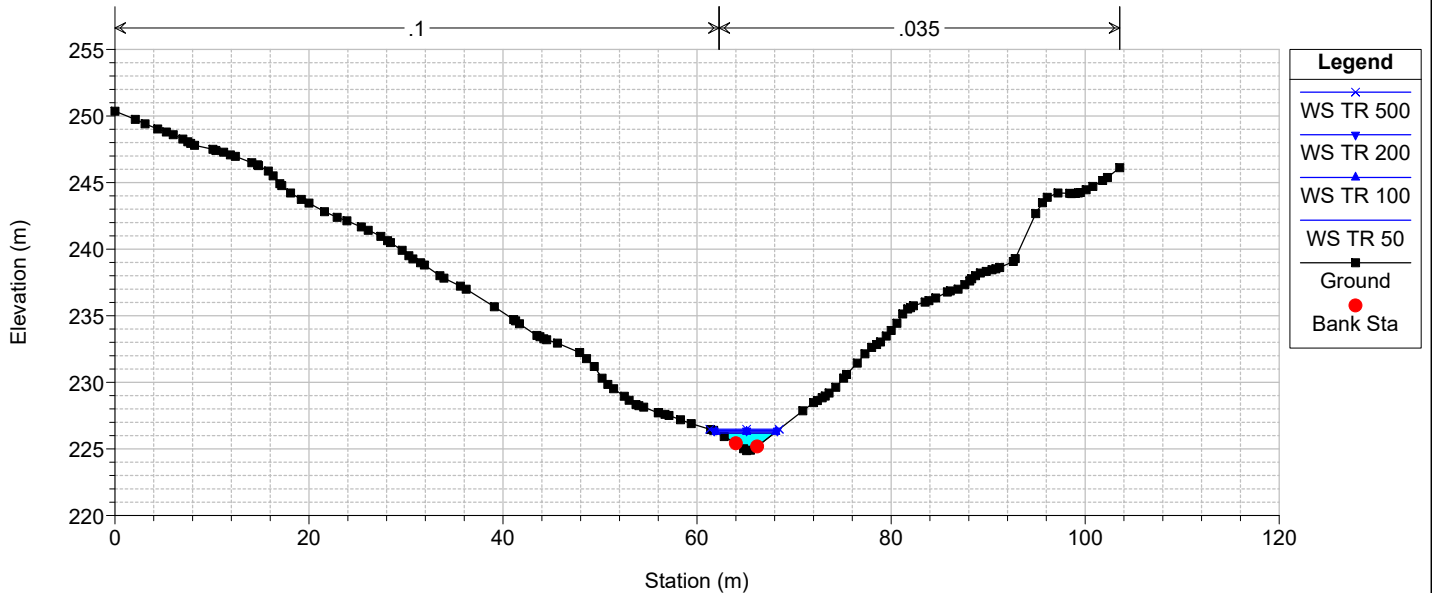
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

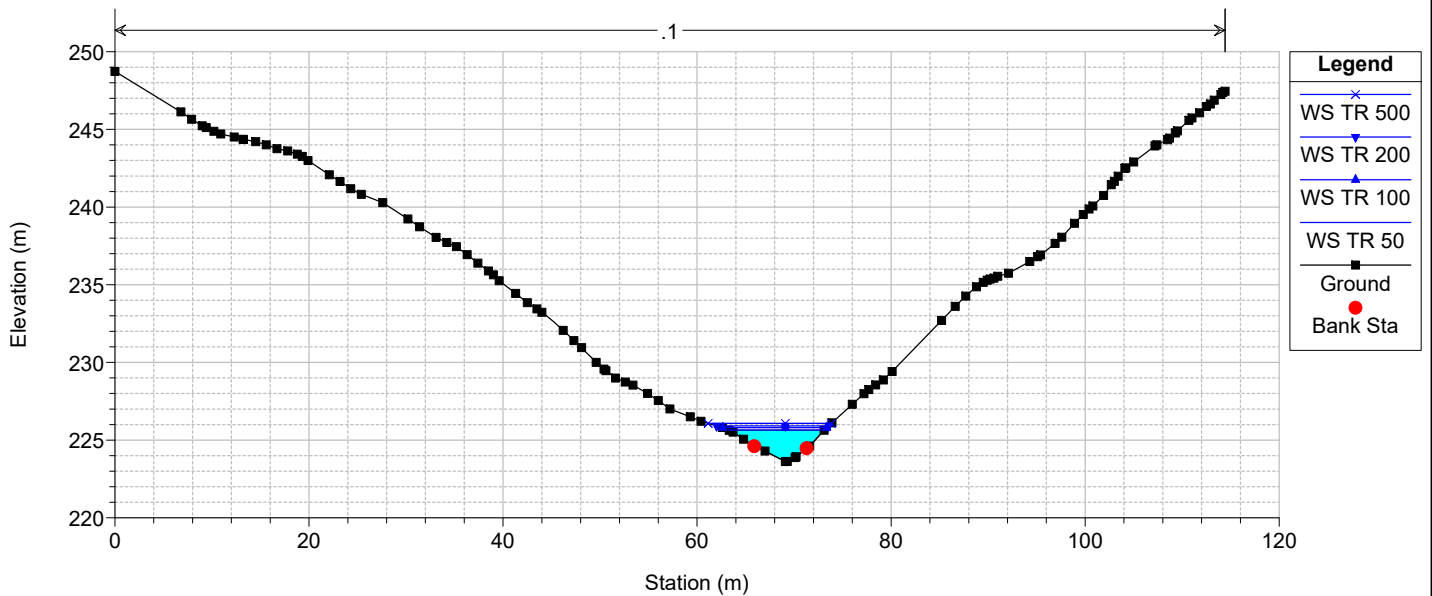
River = 74762 Reach = Badde Pertusu RS = 4086 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

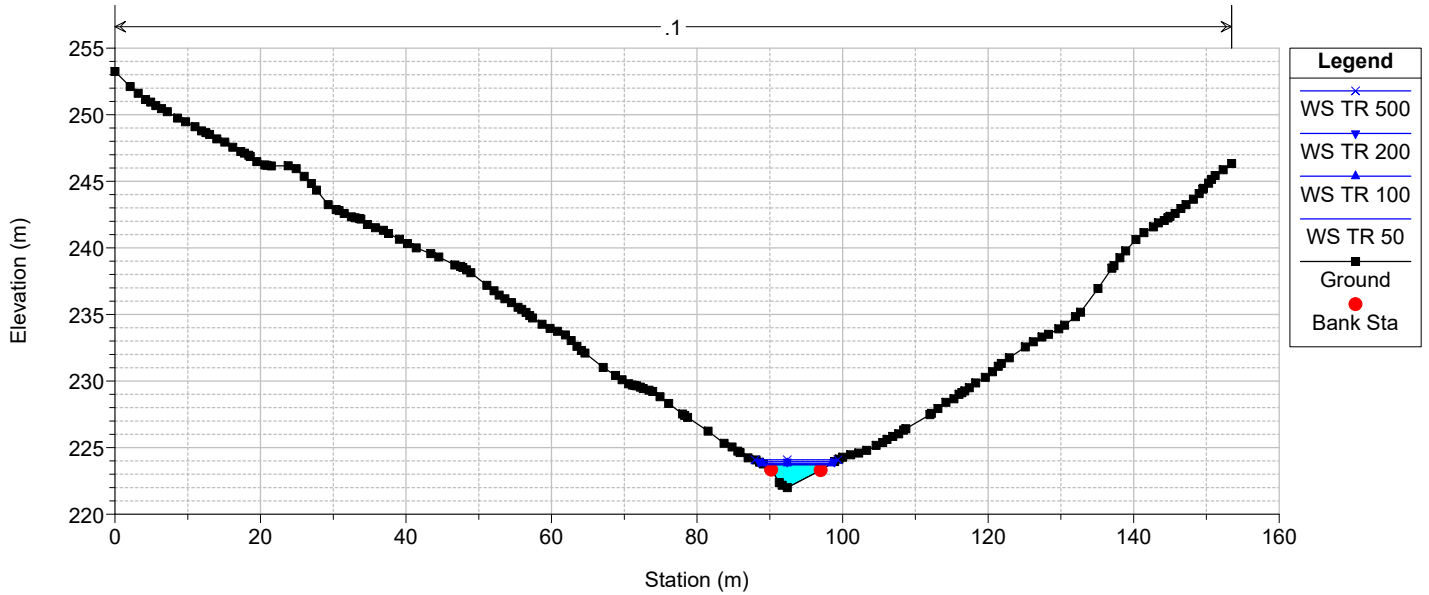
River = 74762 Reach = Badde Pertusu RS = 3974 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

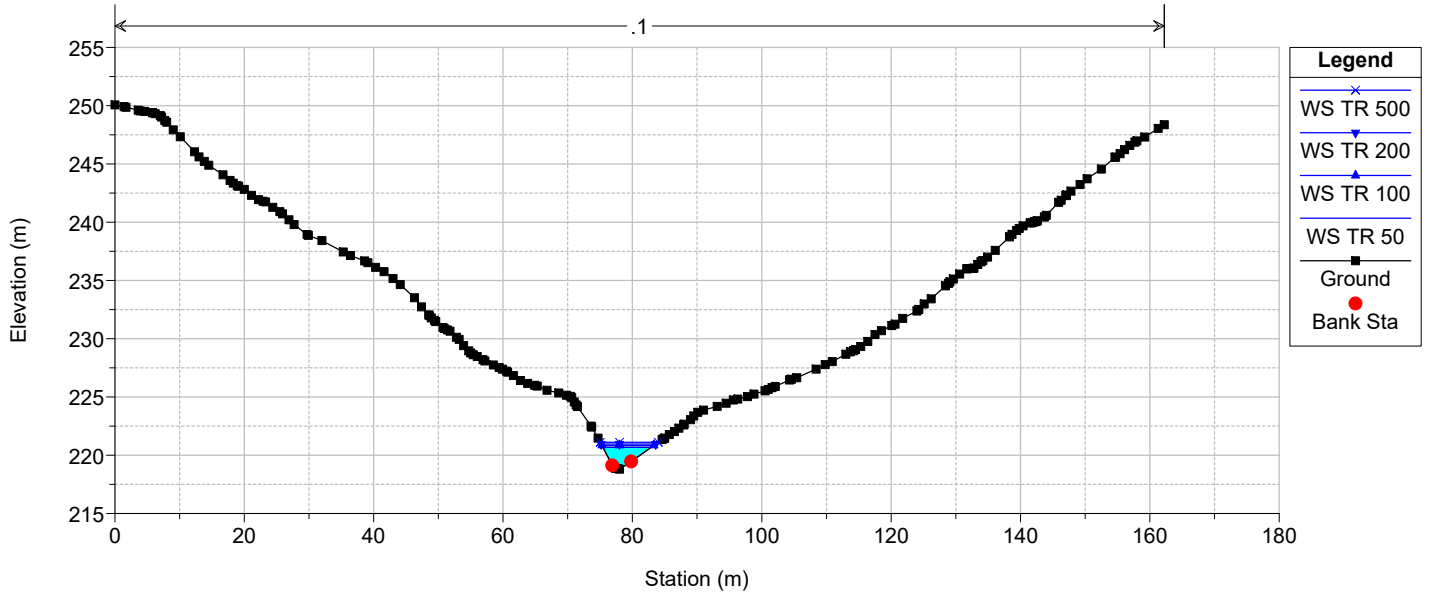
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

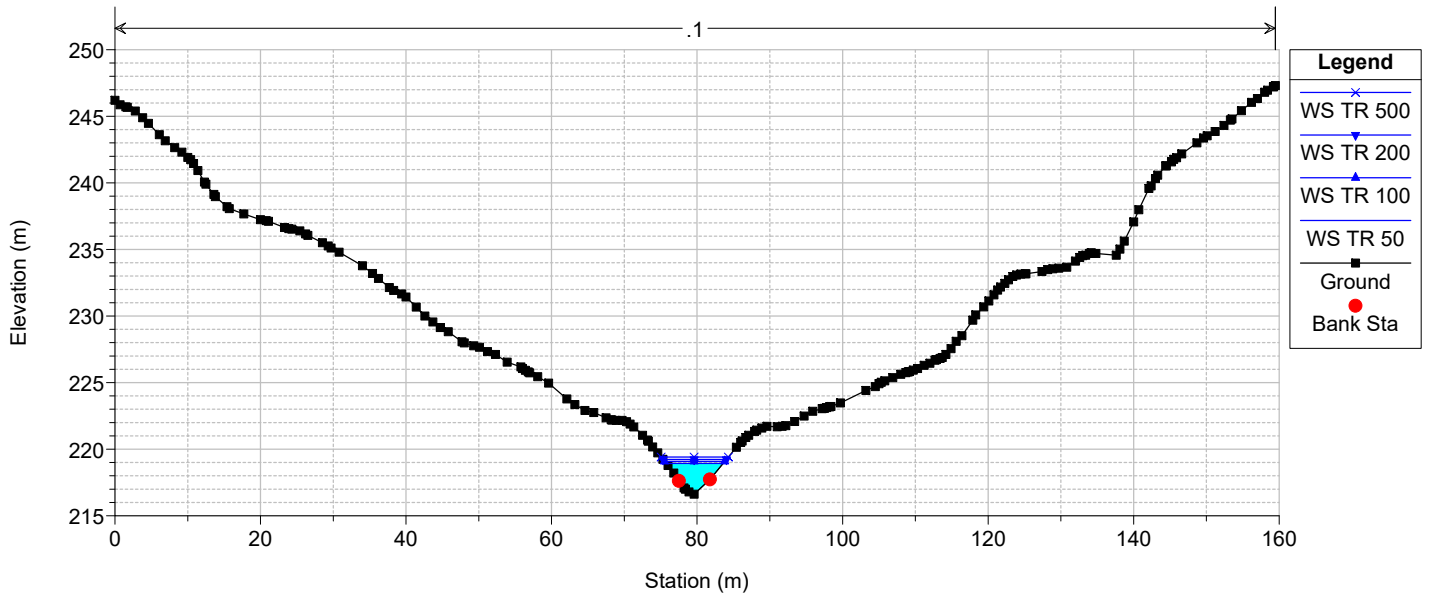
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

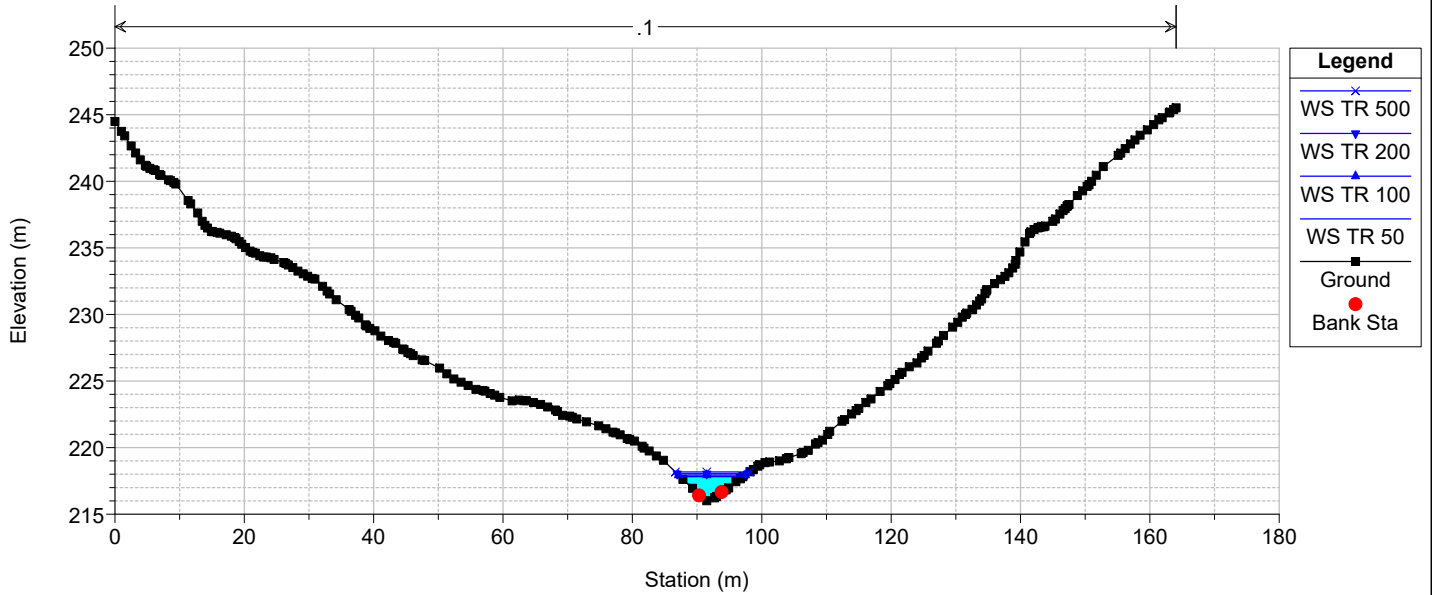
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

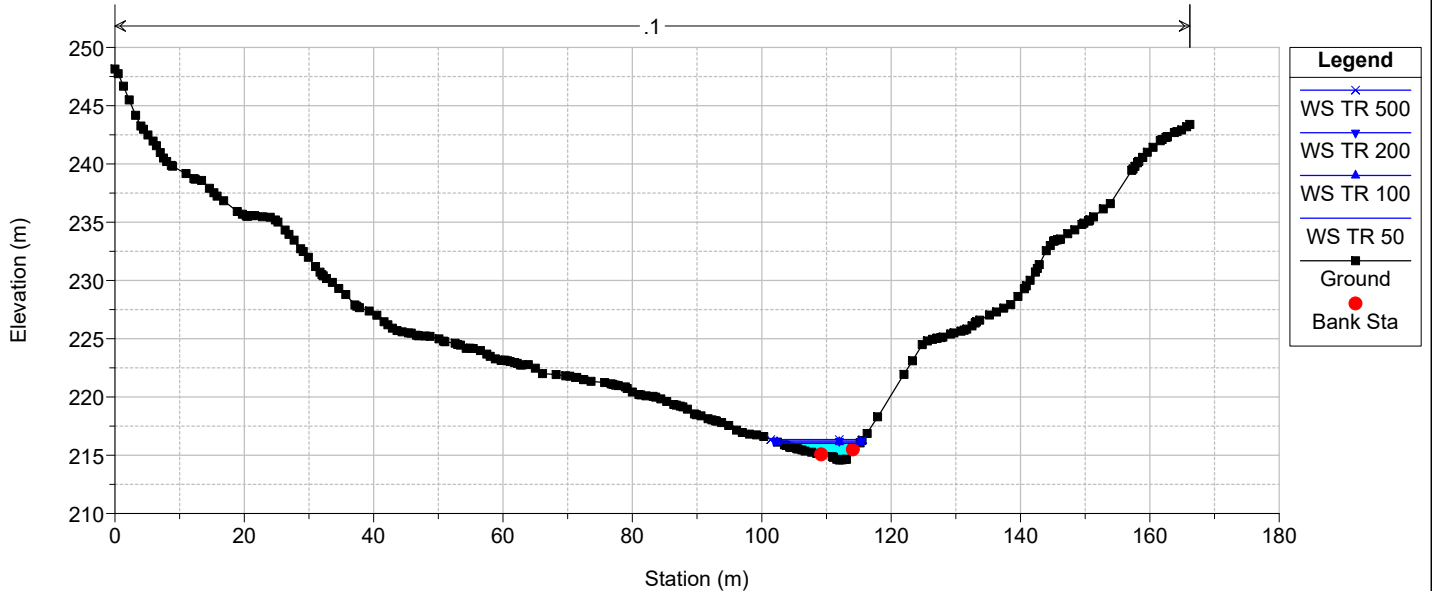
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

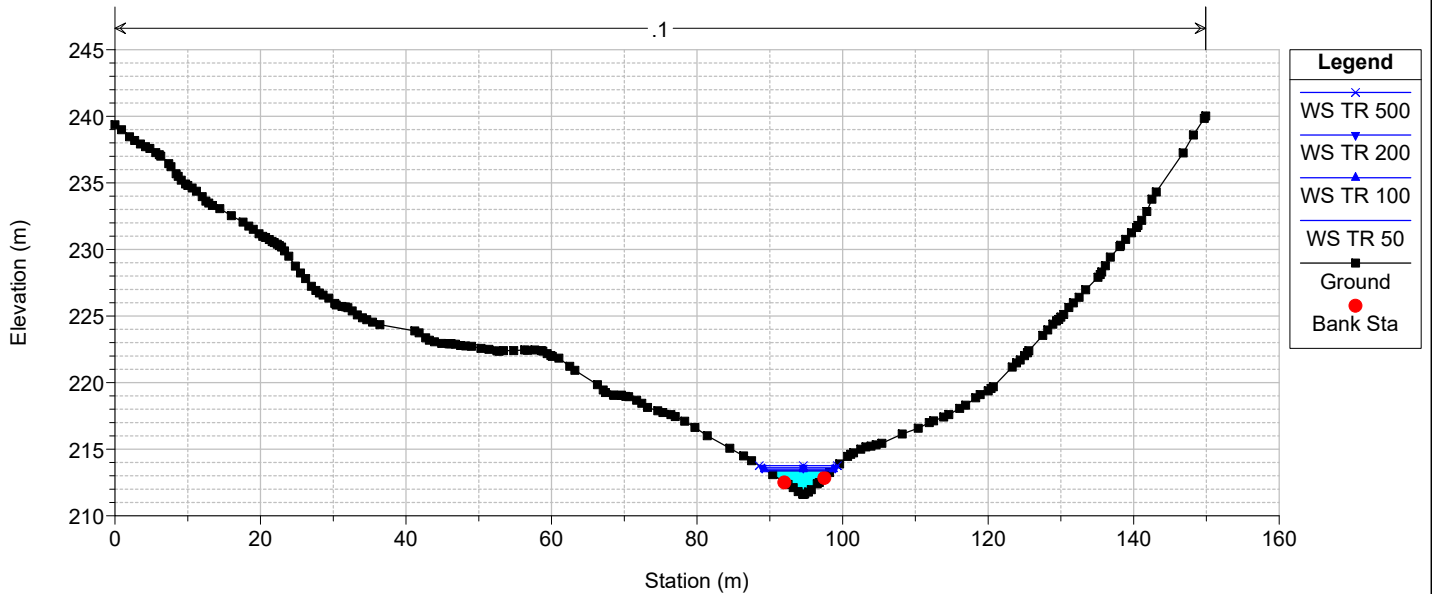
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

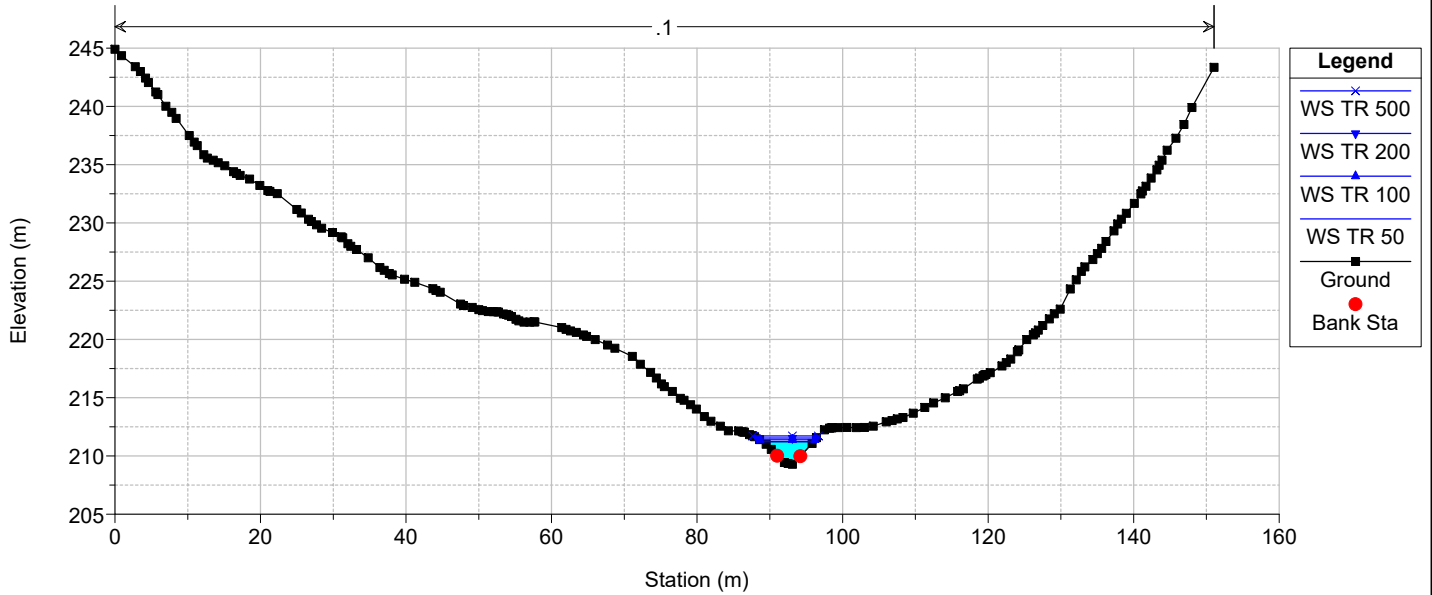
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

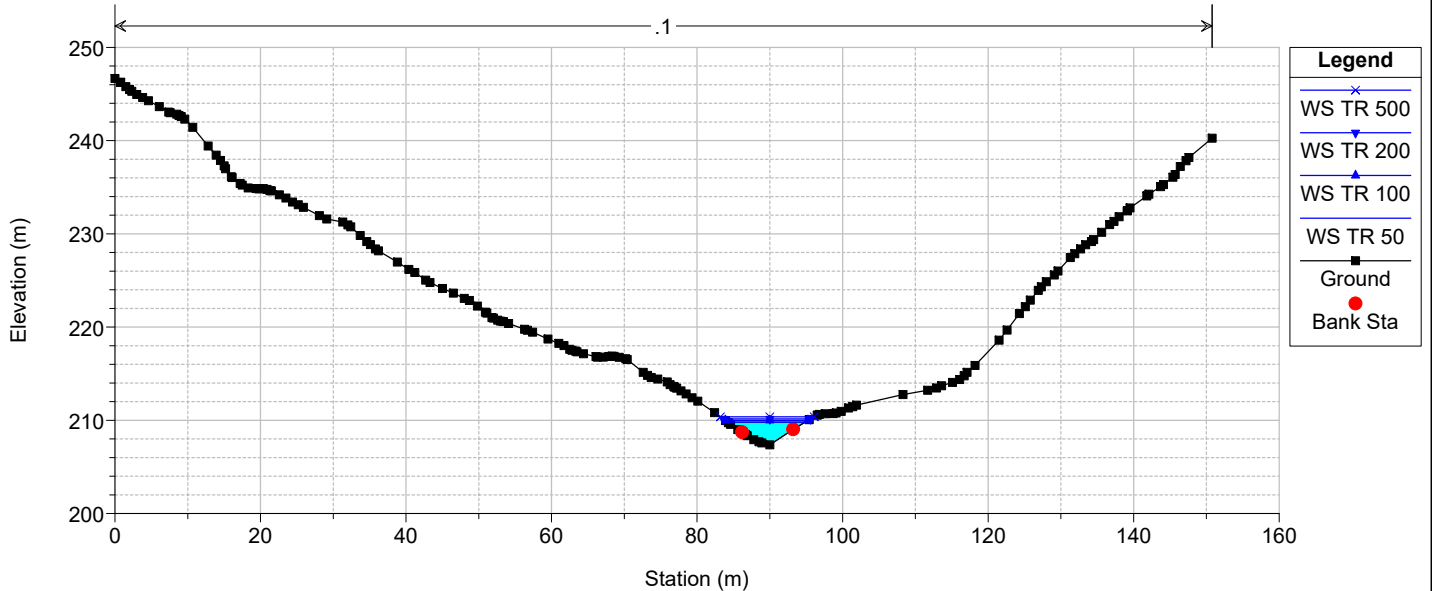
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

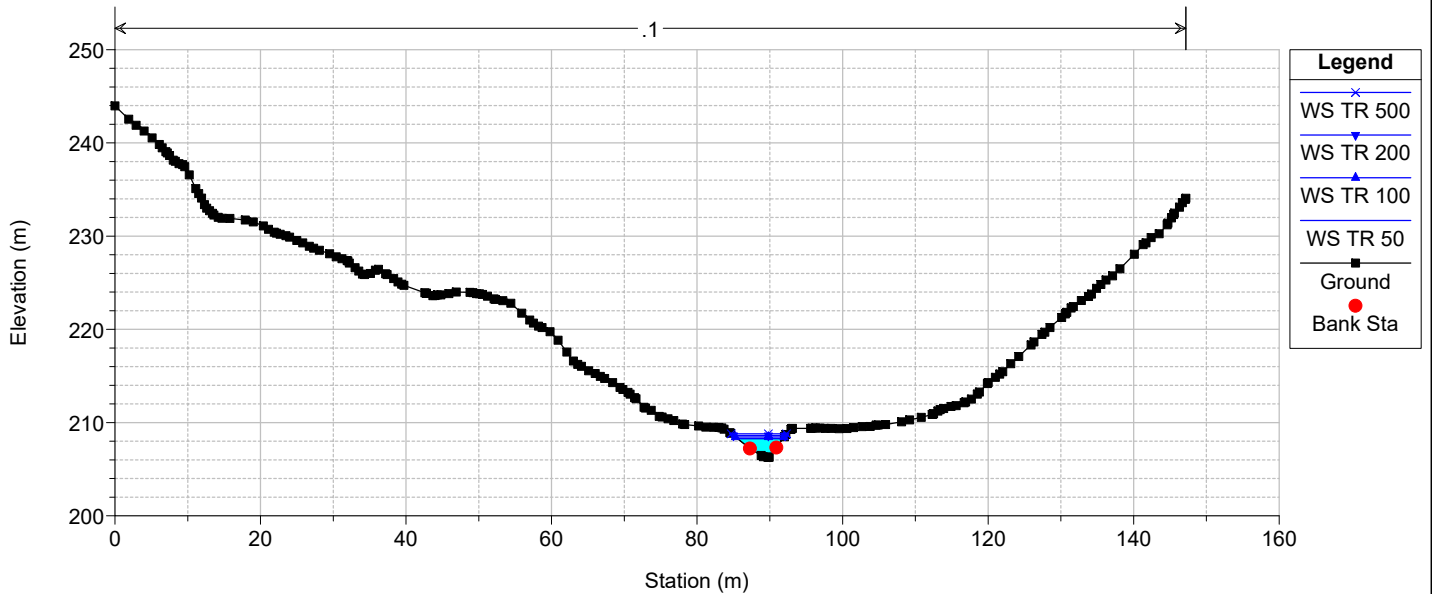
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

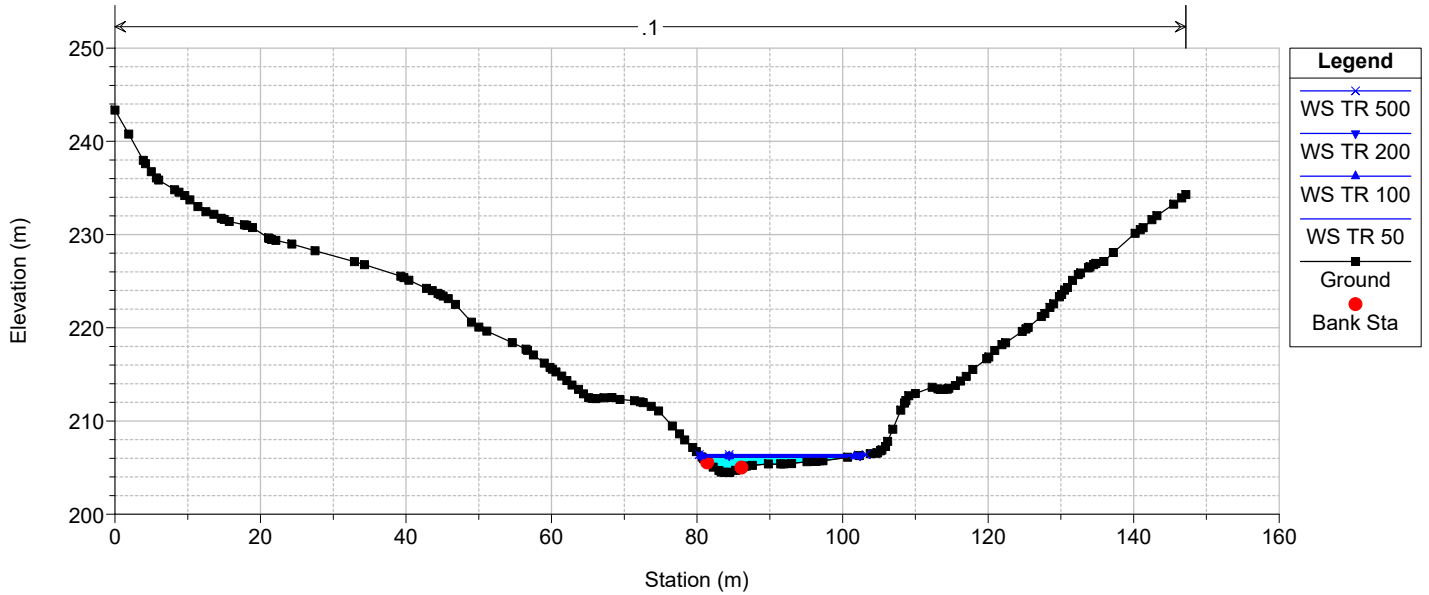
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

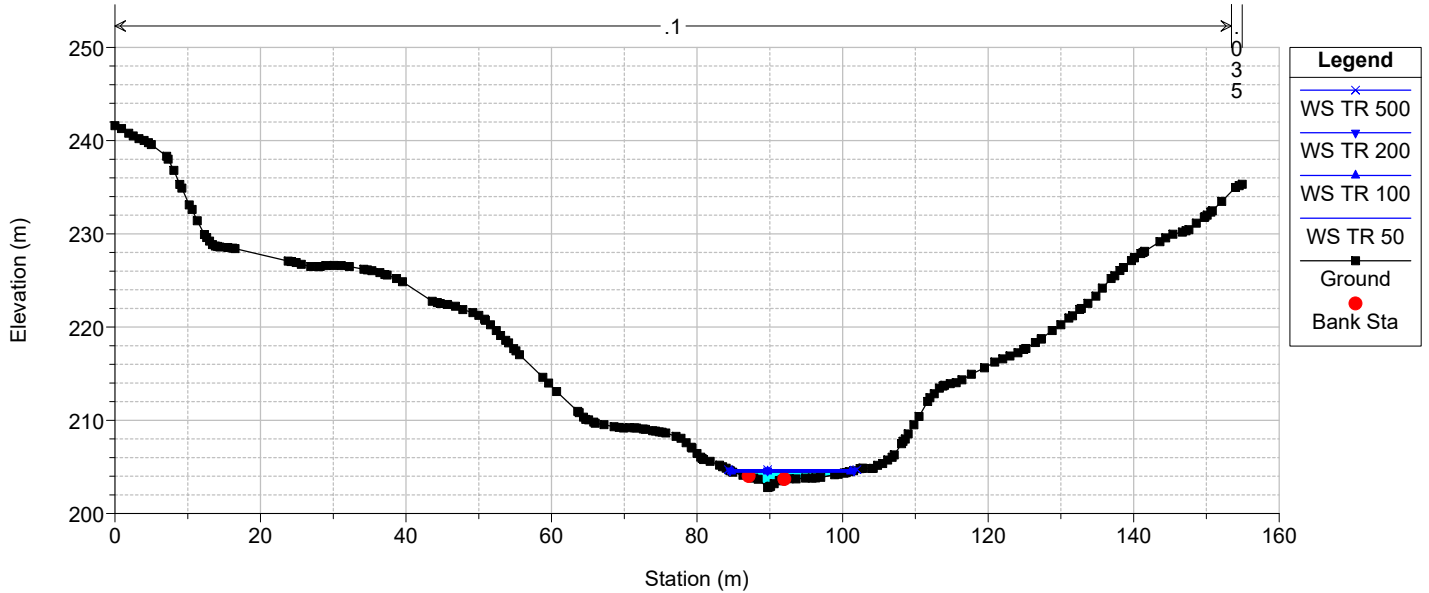
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

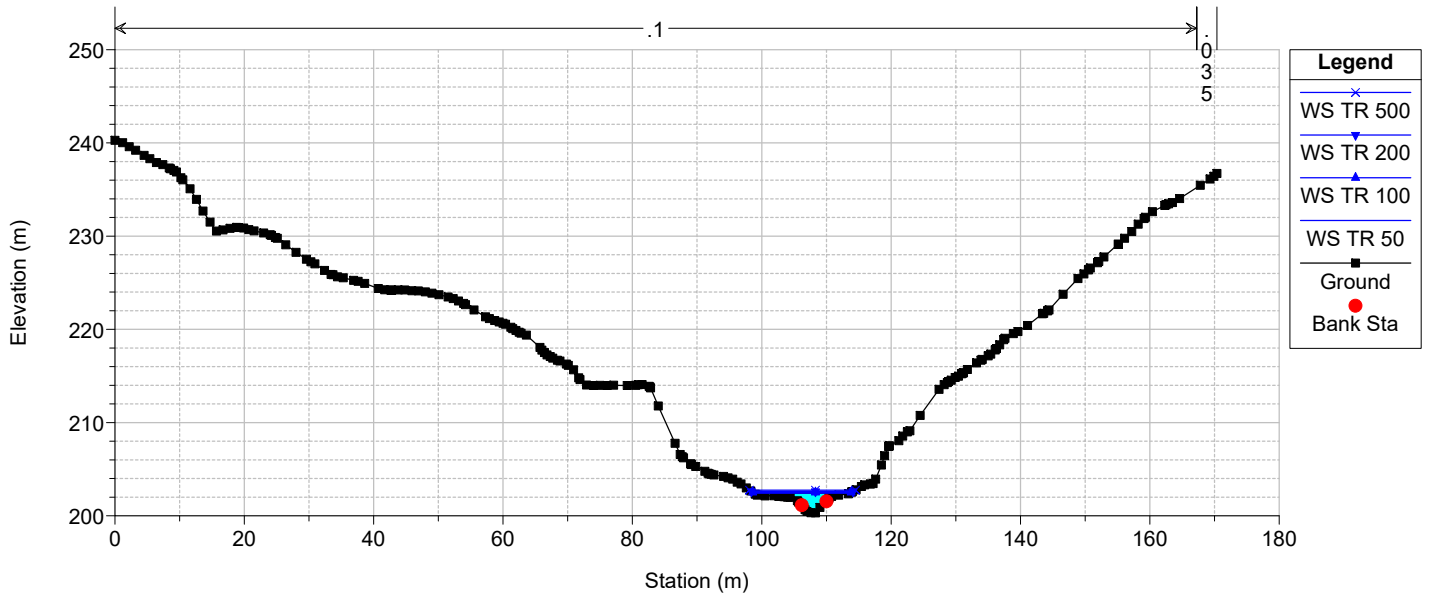
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

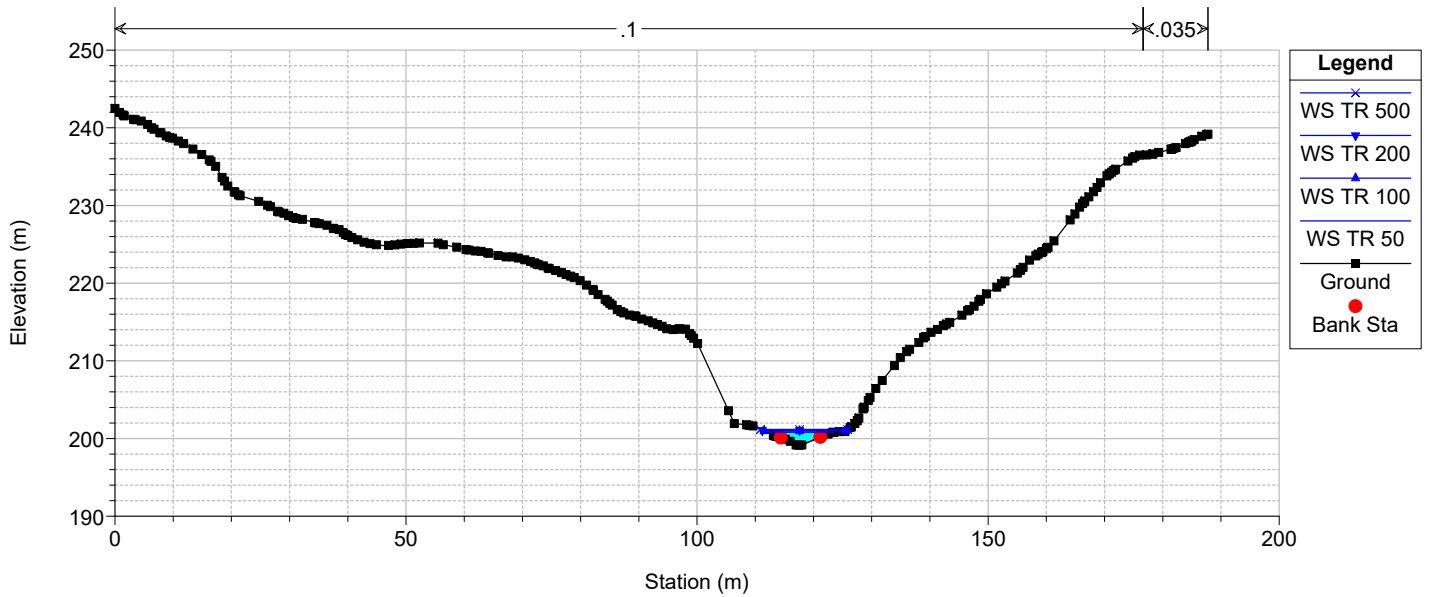
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

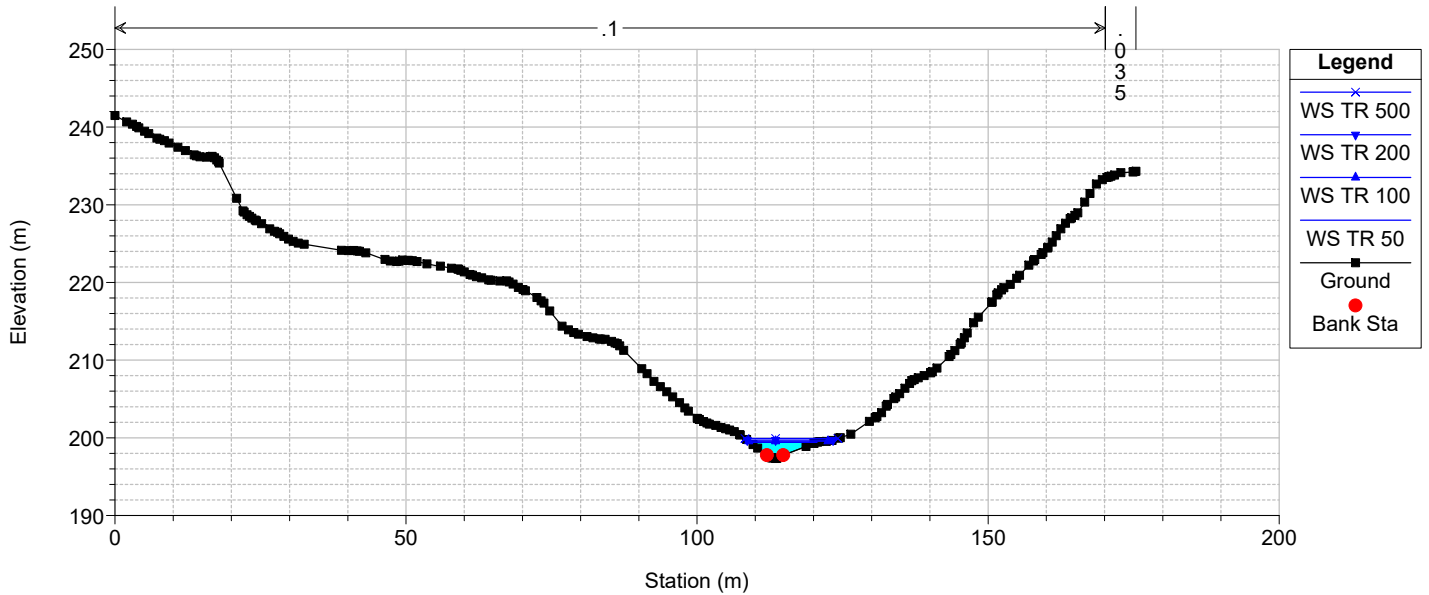
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

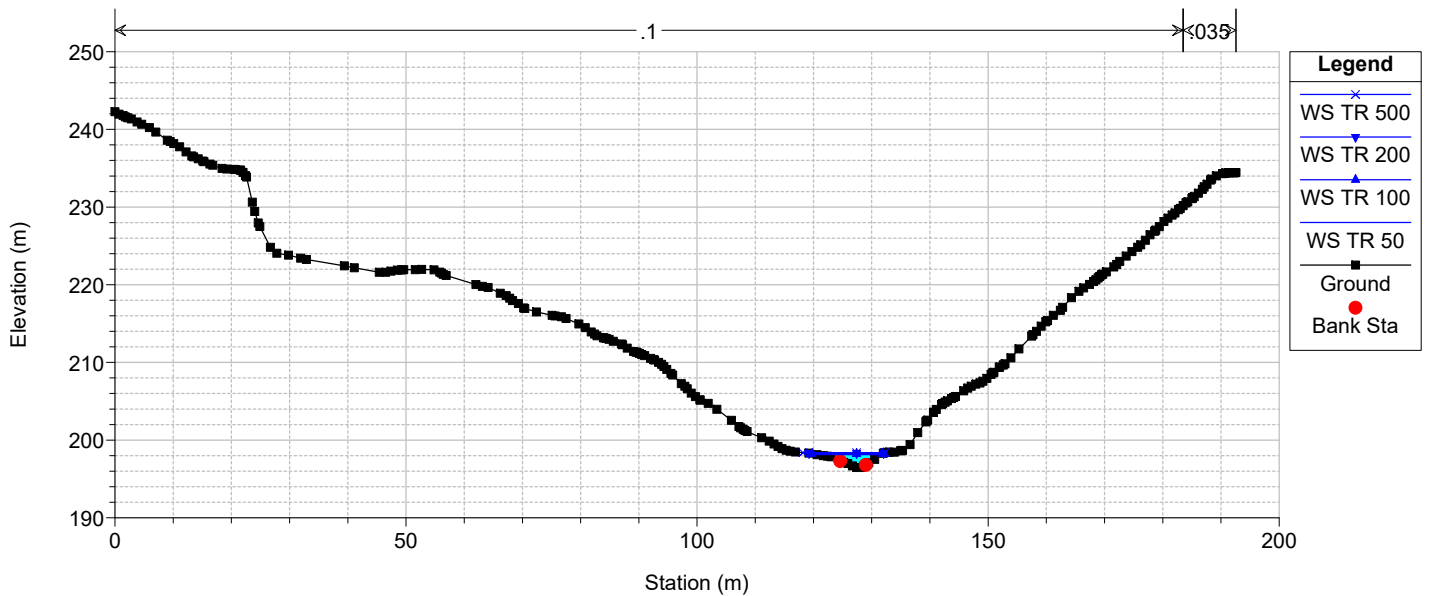
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Geom: 74762-BaddePertusu Flow: Badde_Pertusu

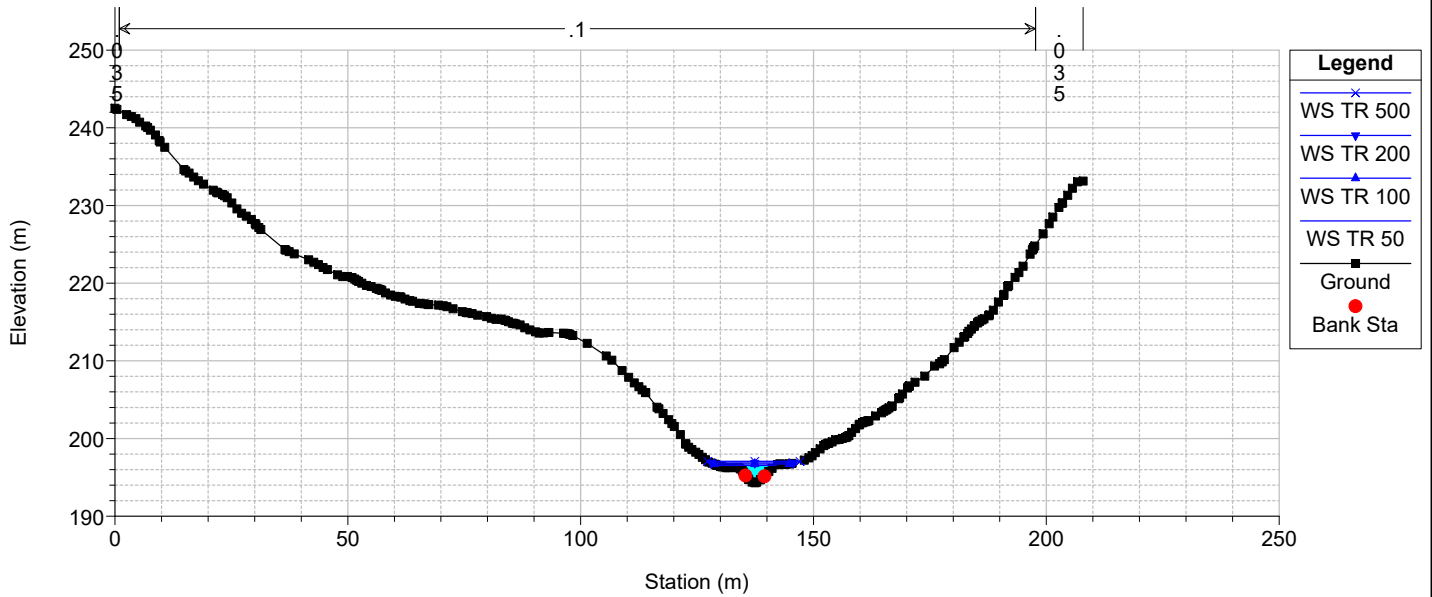
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Geom: 74762-BaddePertusu Flow: Badde_Pertusu

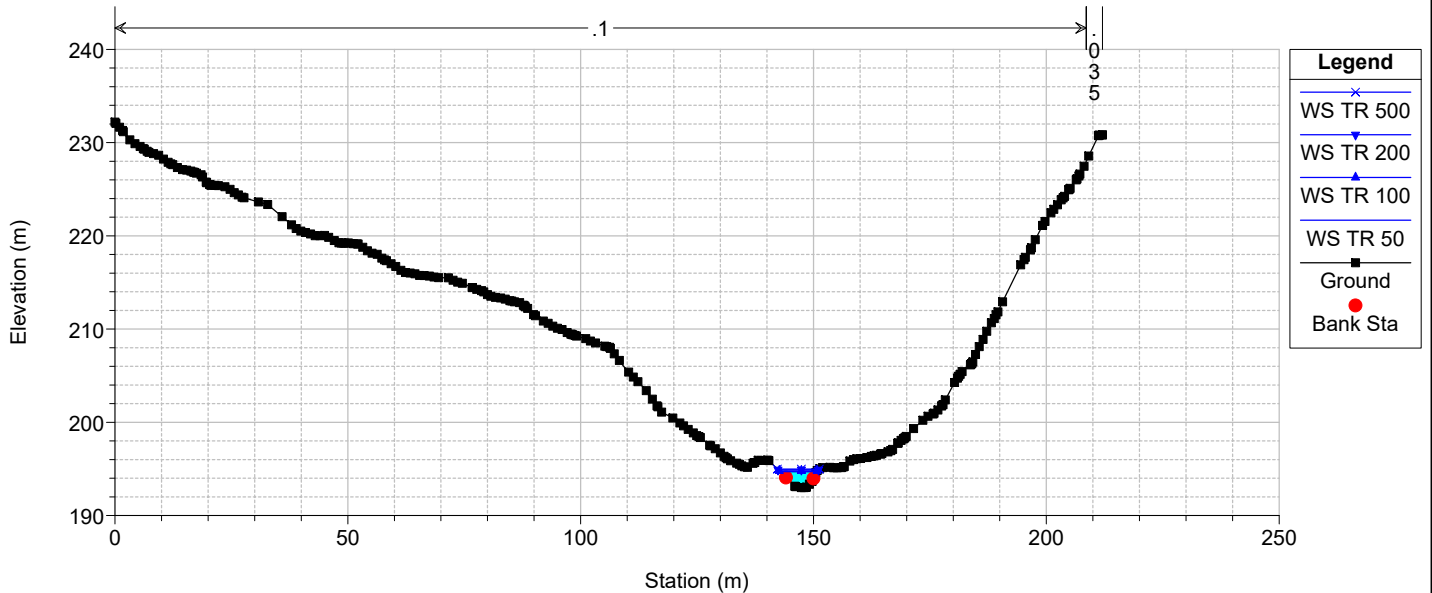
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

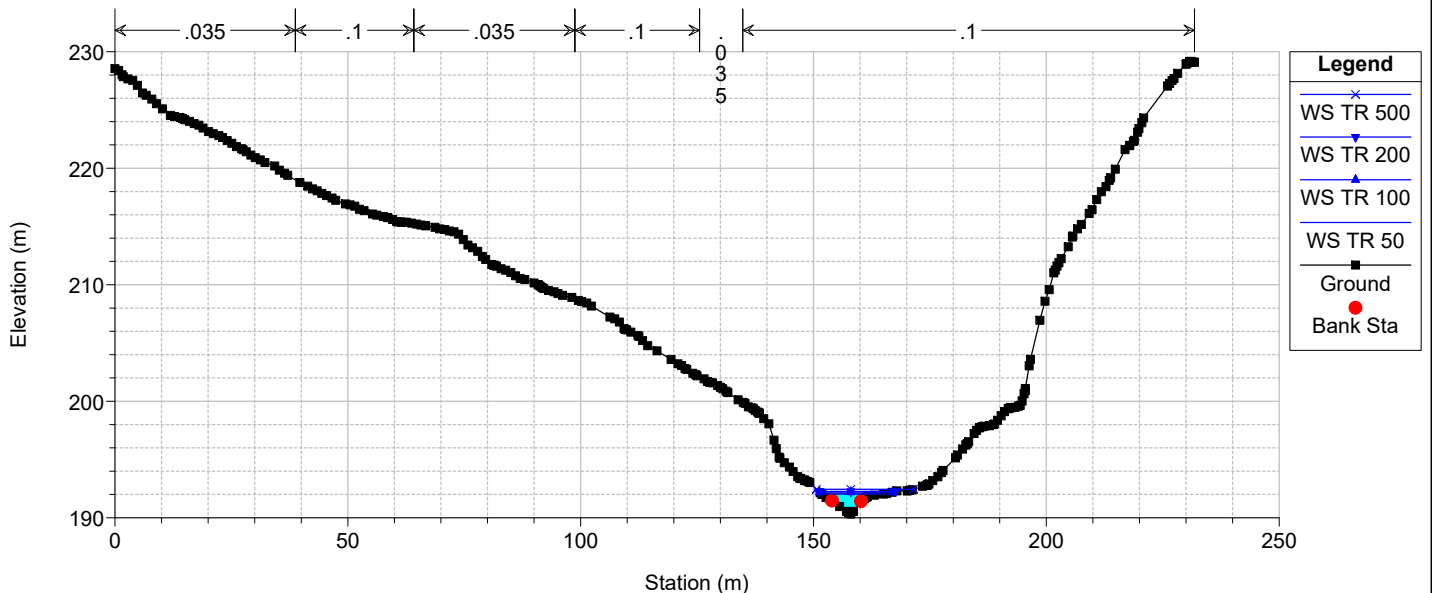
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

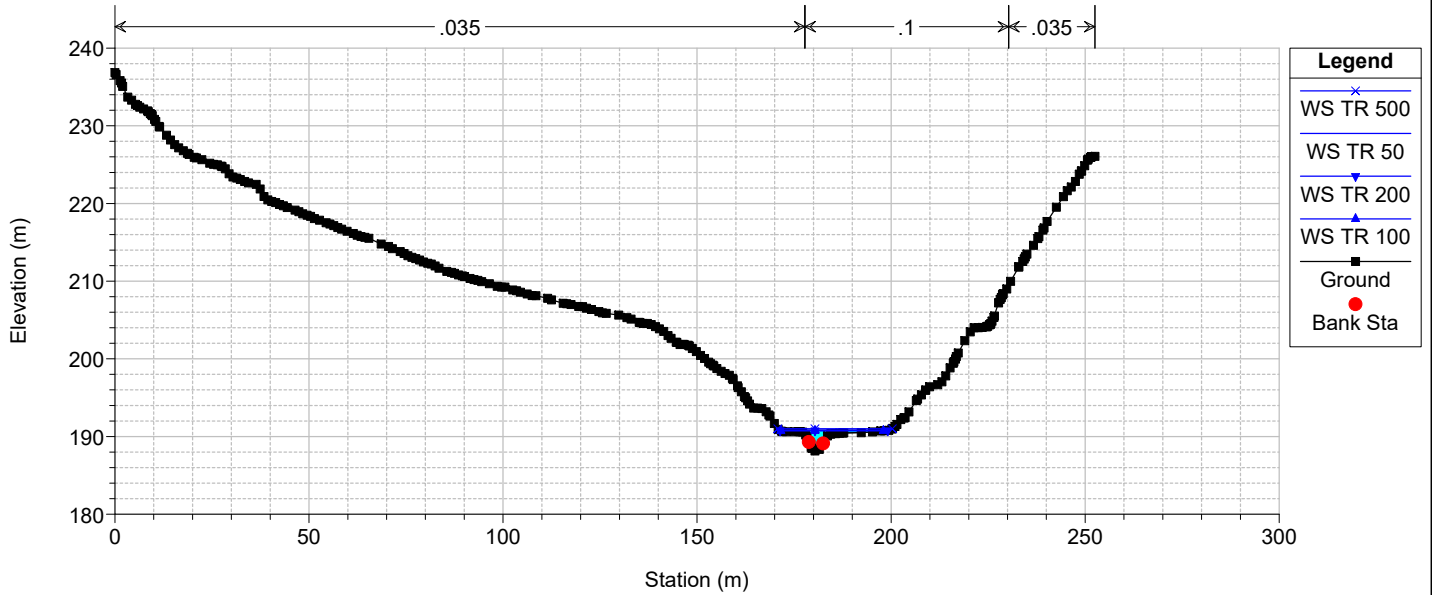
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

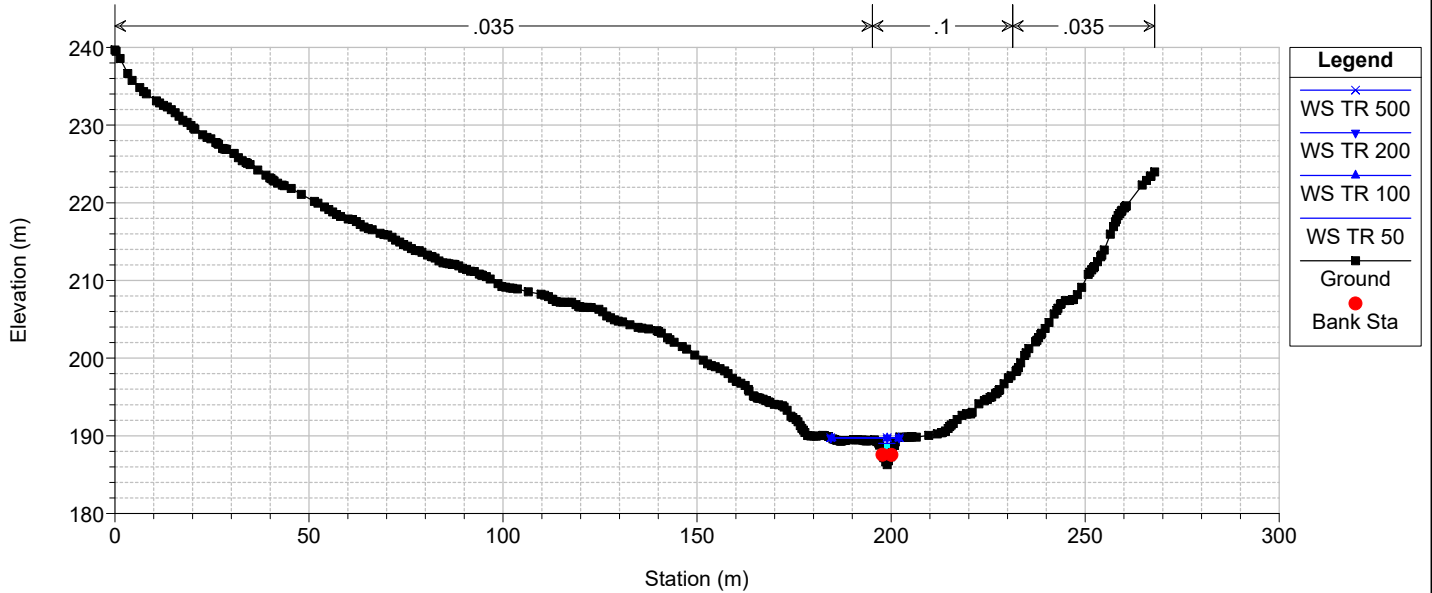
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

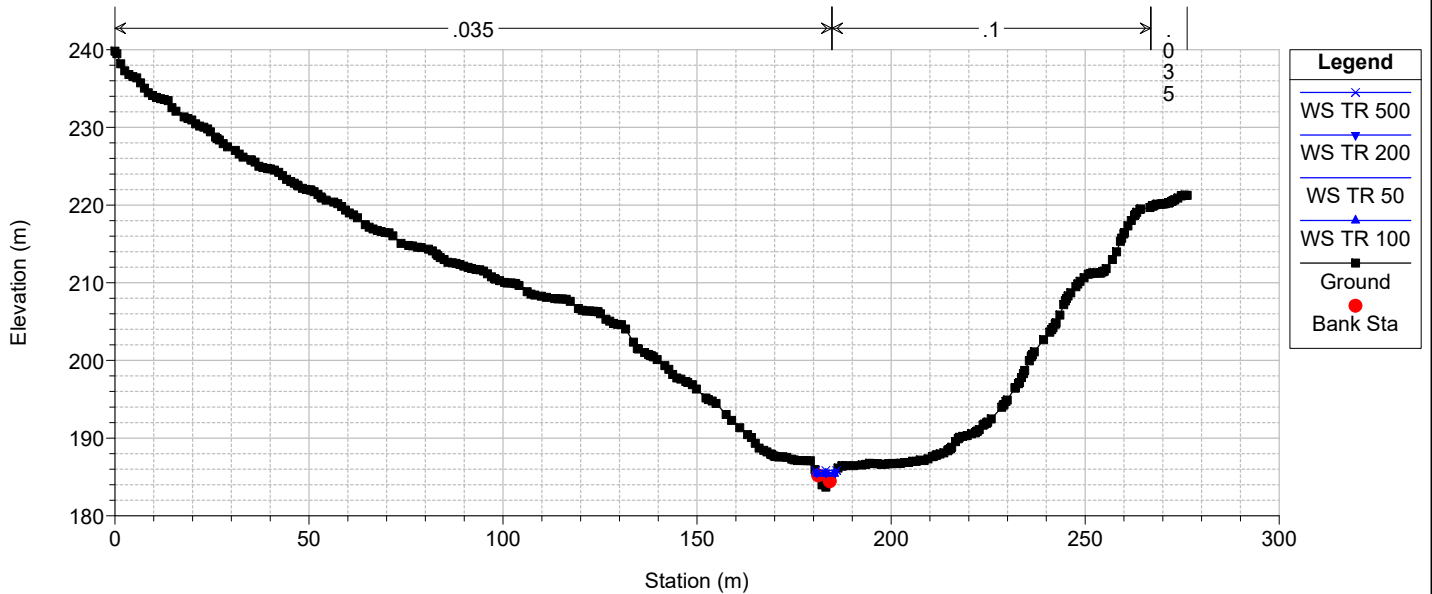
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

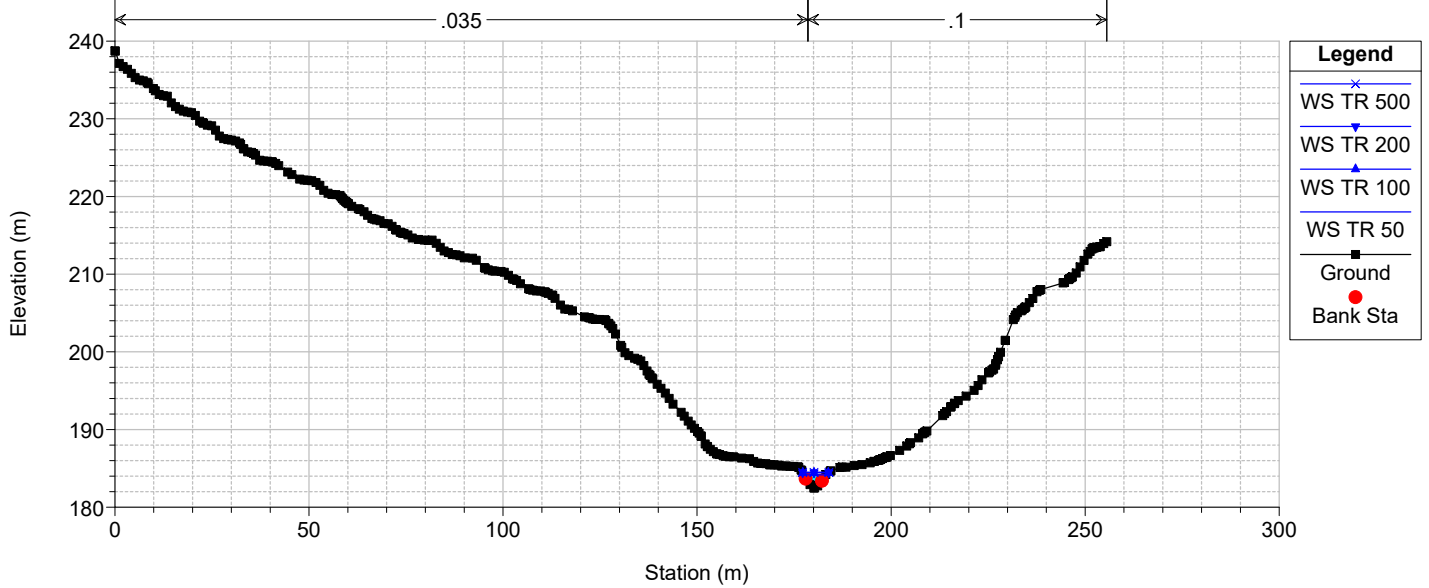
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

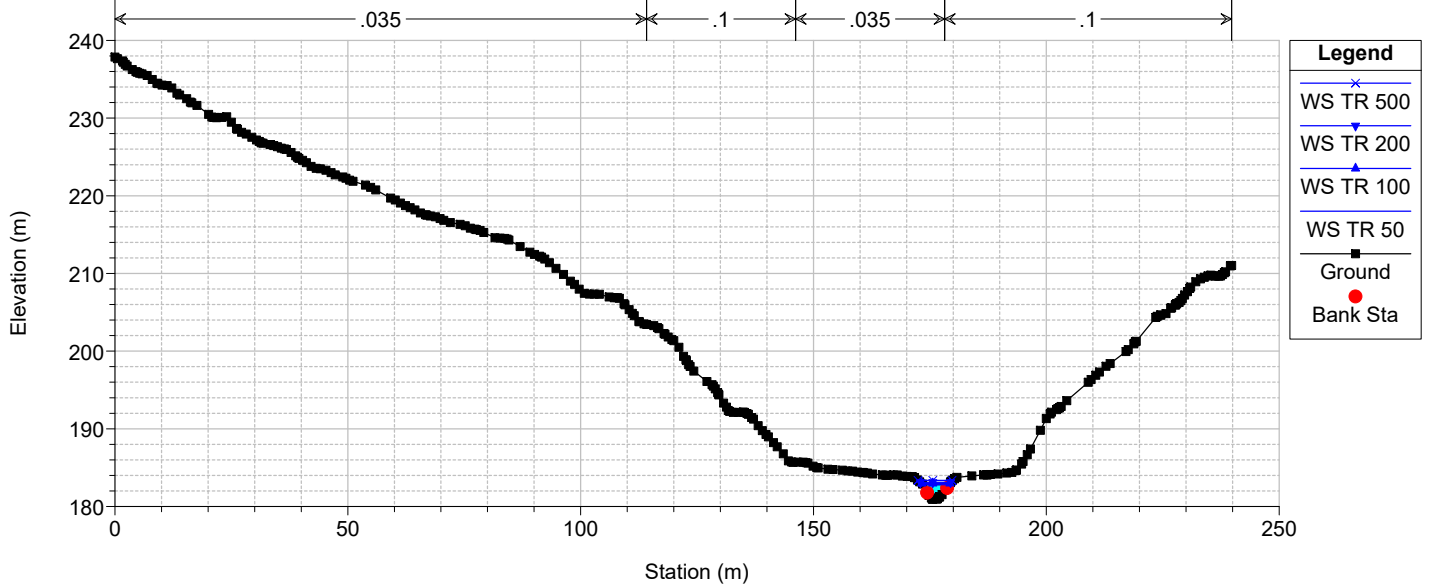
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

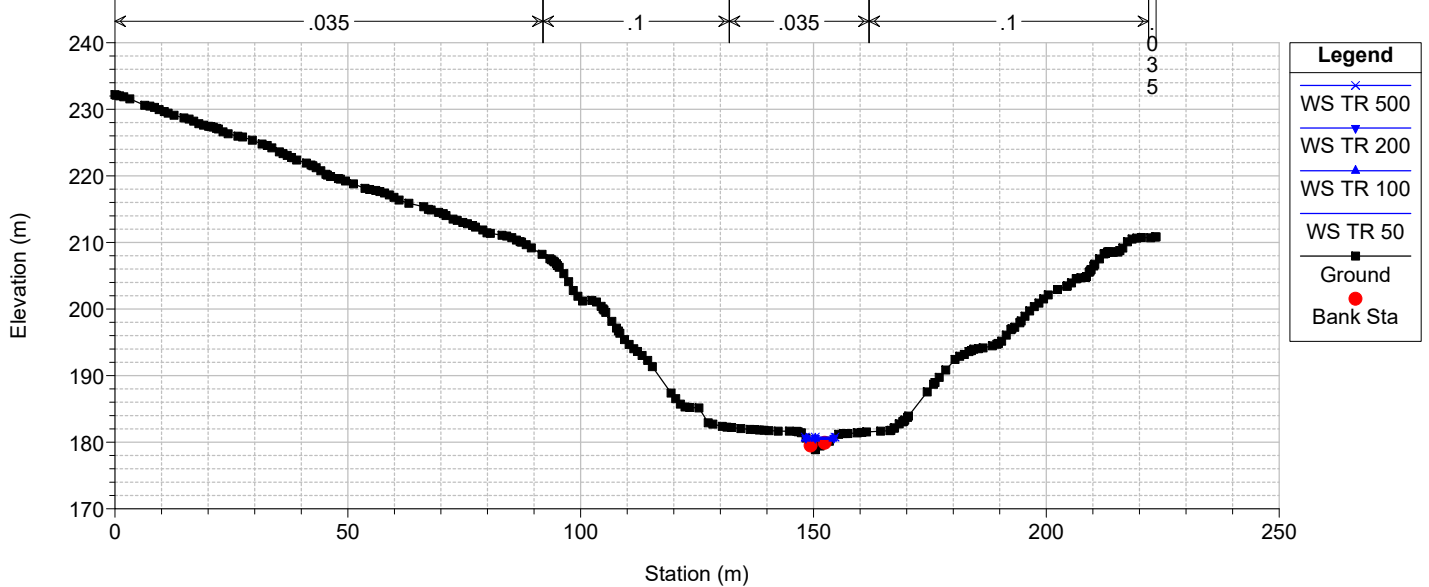
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

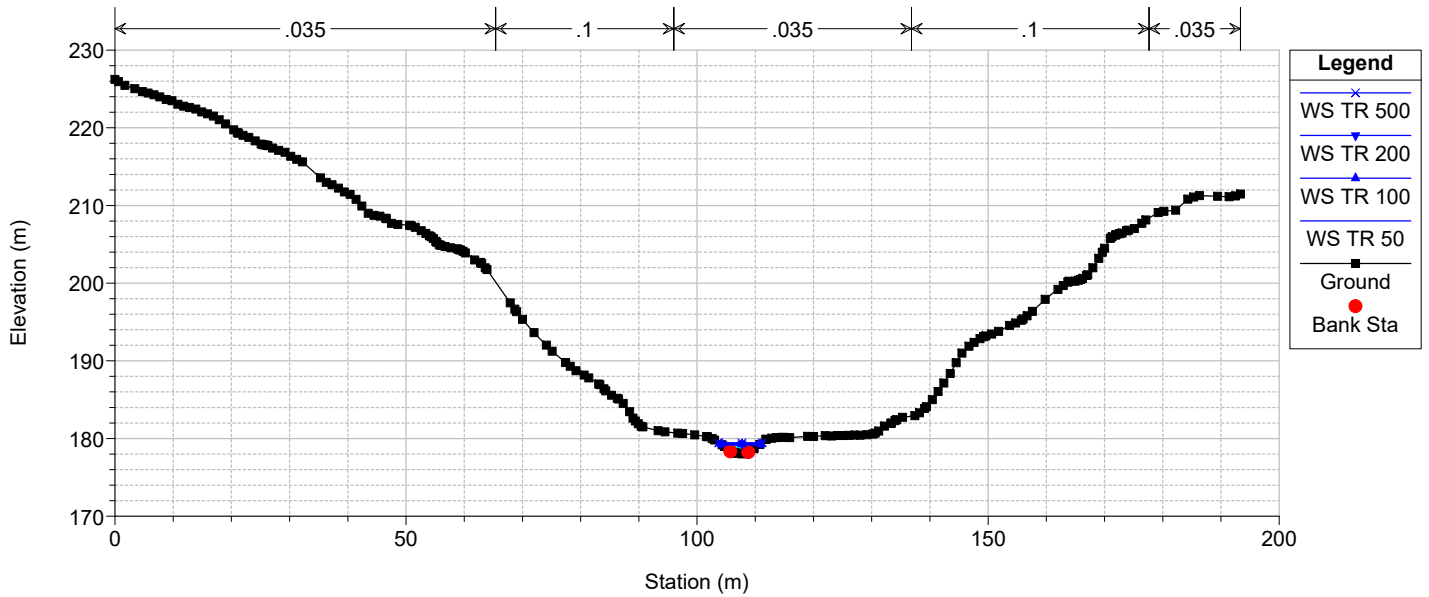
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

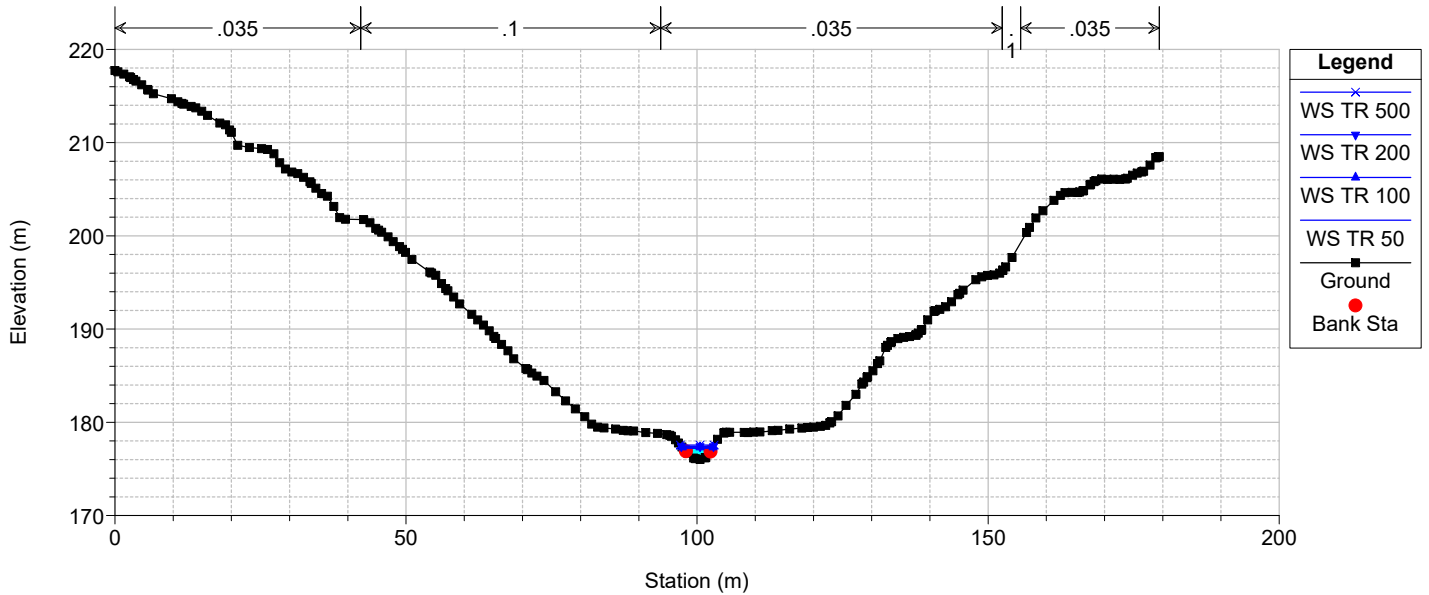
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74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

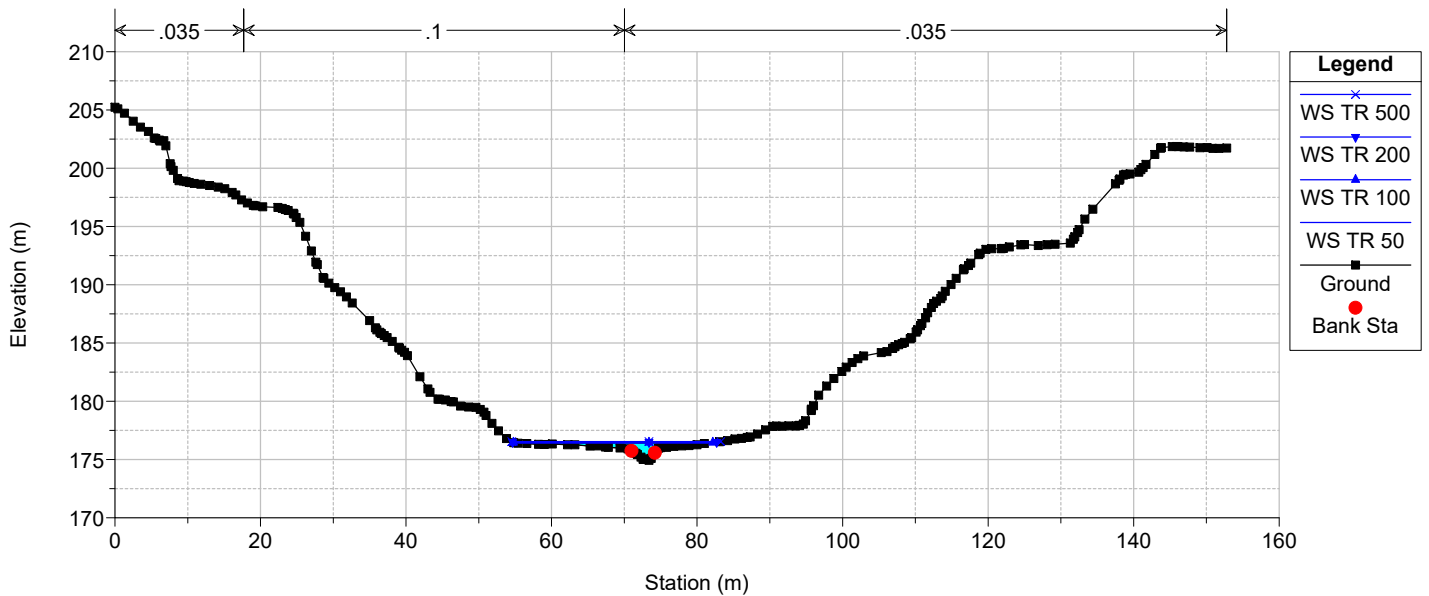
River = 74762 Reach = Badde Pertusu RS = 1024 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

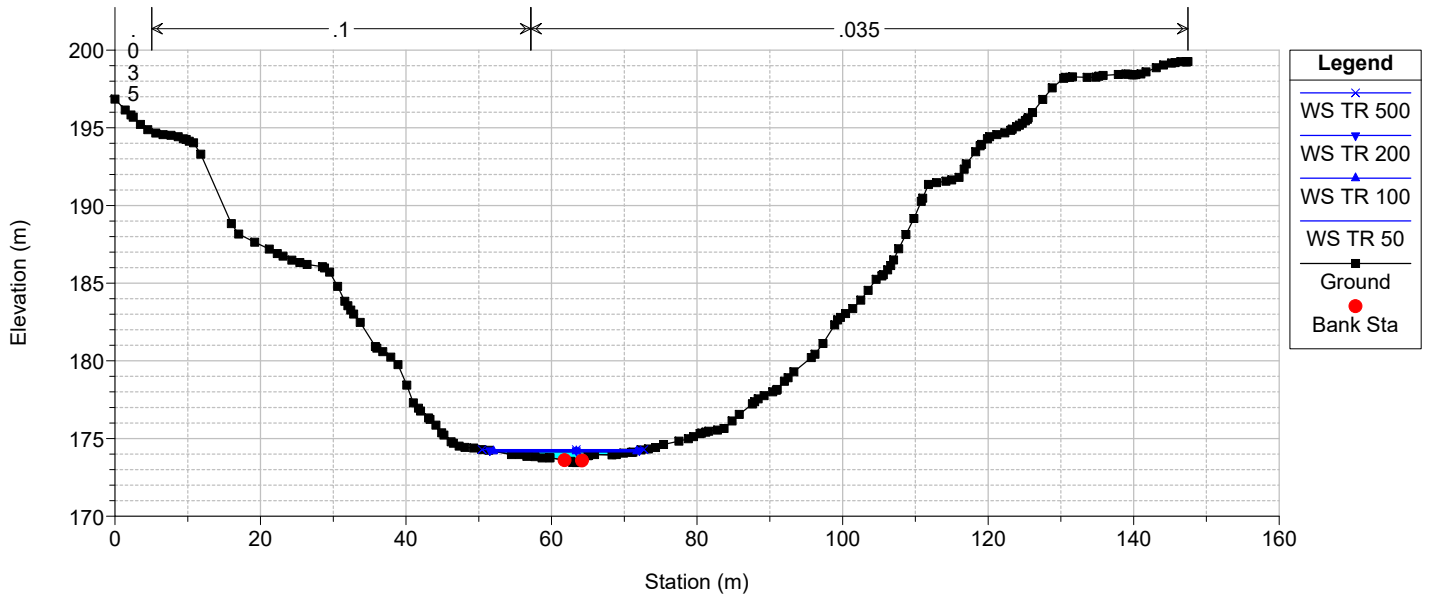
River = 74762 Reach = Badde Pertusu RS = 881 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

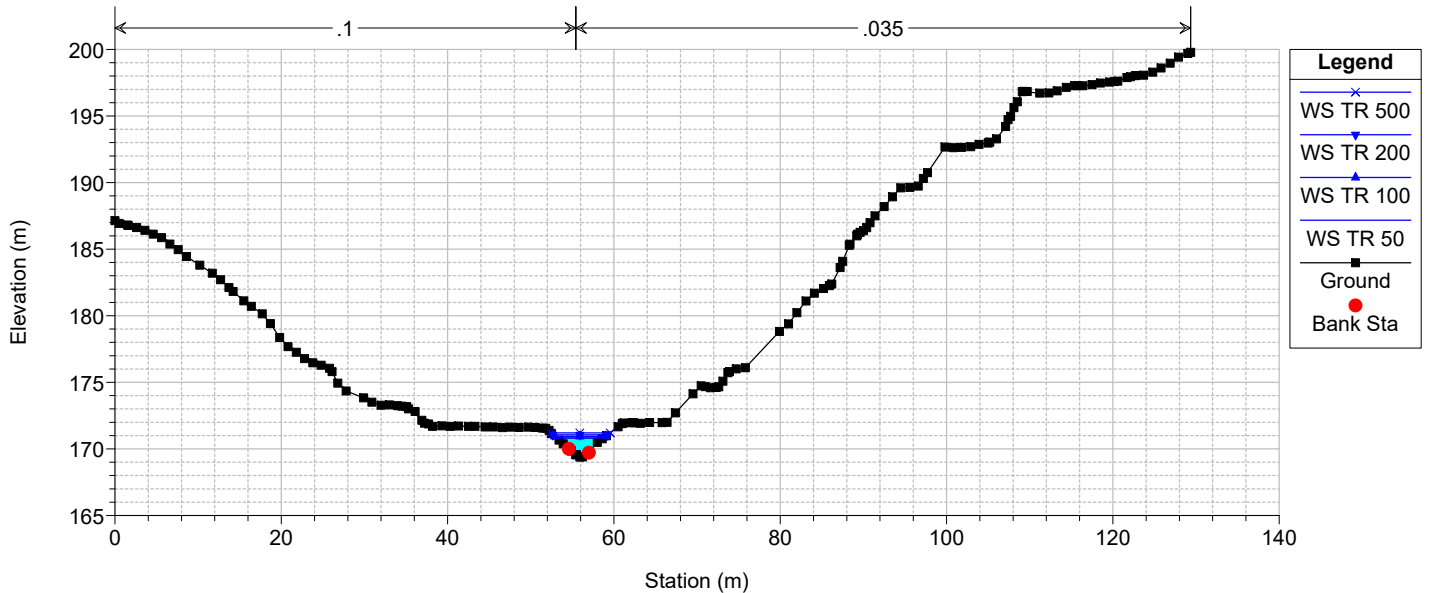
River = 74762 Reach = Badde Pertusu RS = 754 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

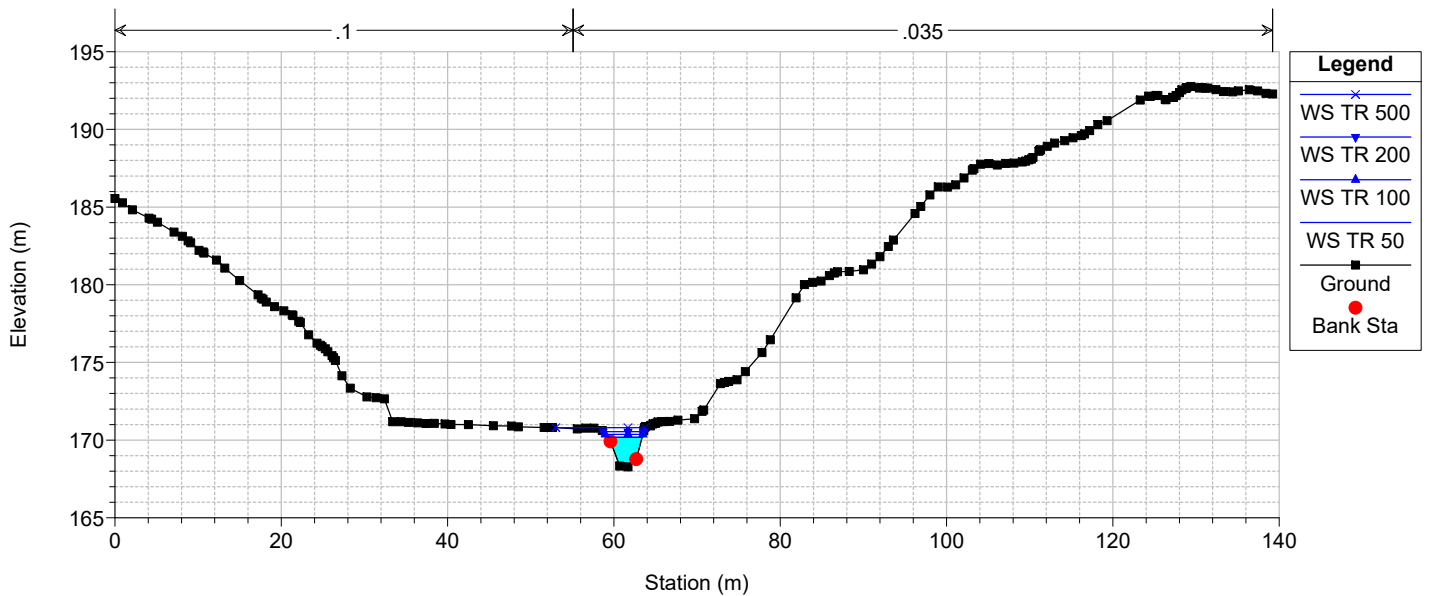
River = 74762 Reach = Badde Pertusu RS = 666 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

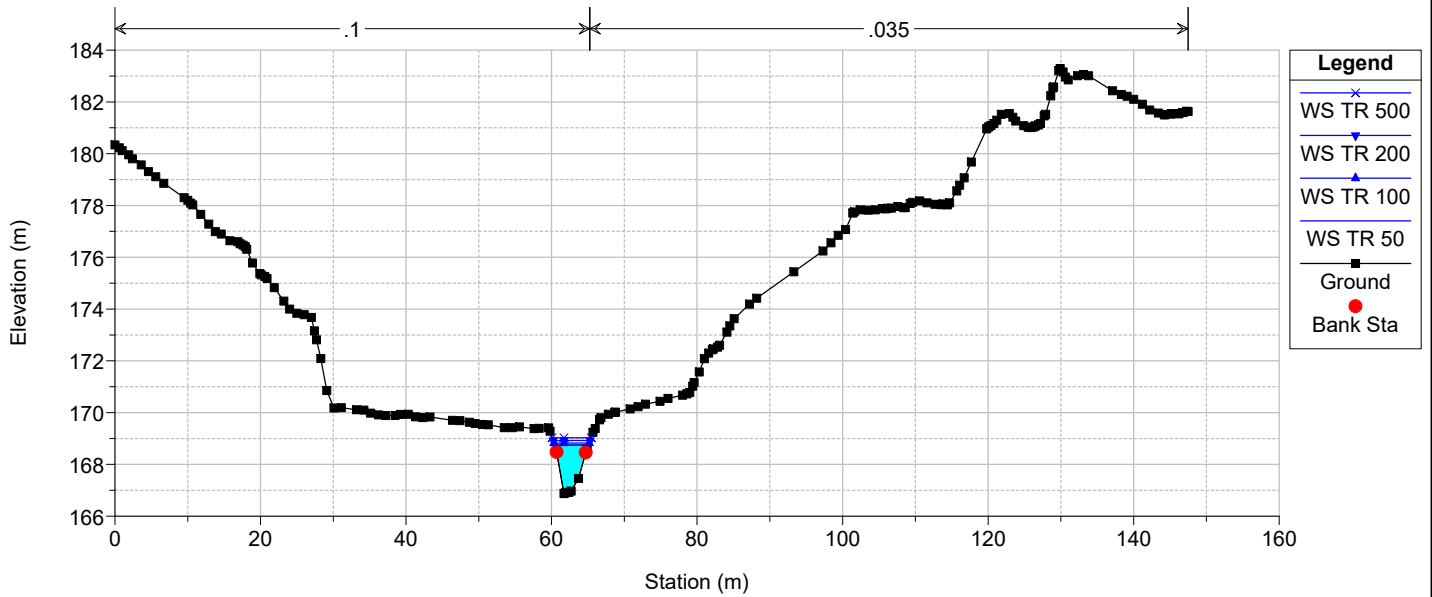
River = 74762 Reach = Badde Pertusu RS = 585 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

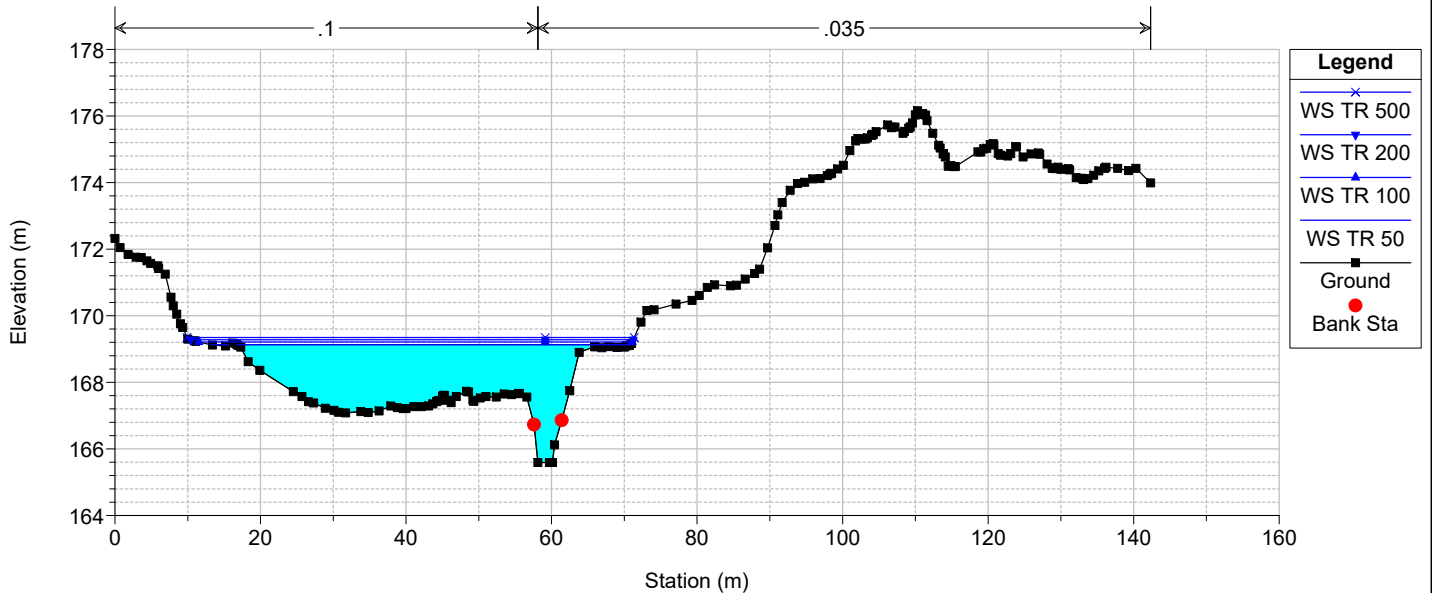
River = 74762 Reach = Badde Pertusu RS = 485 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

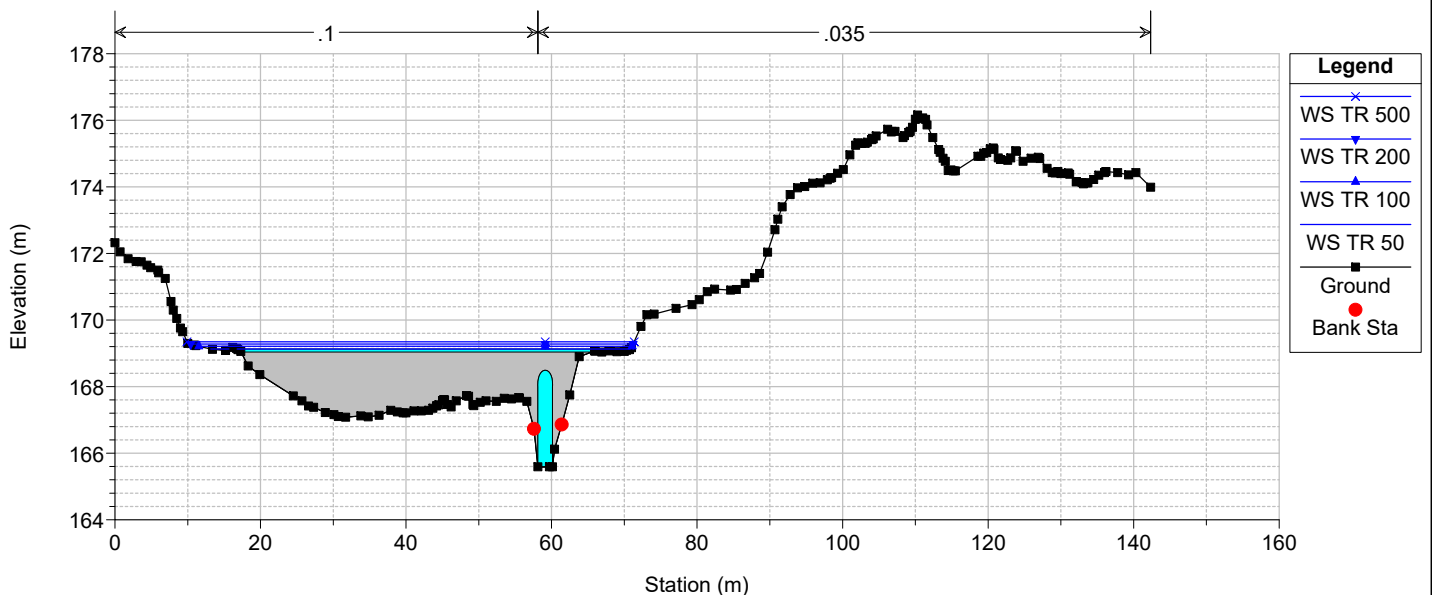
River = 74762 Reach = Badde Pertusu RS = 416 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

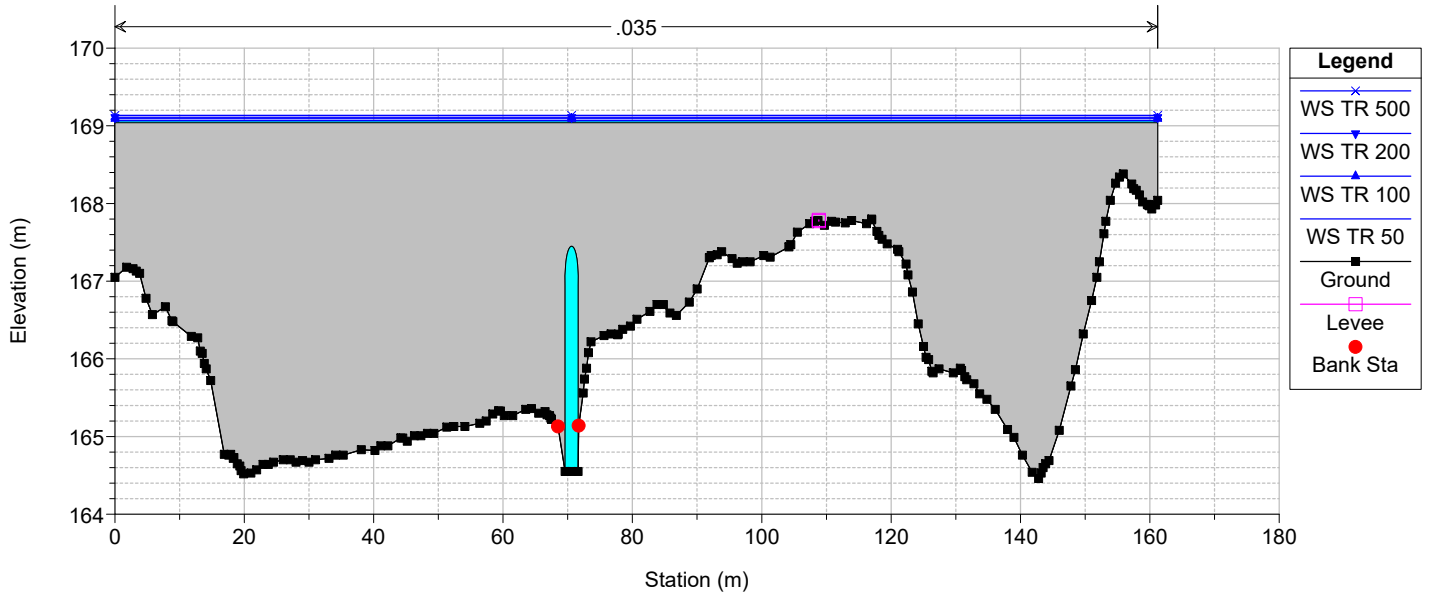
River = 74762 Reach = Badde Pertusu RS = 378 Culv C82 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

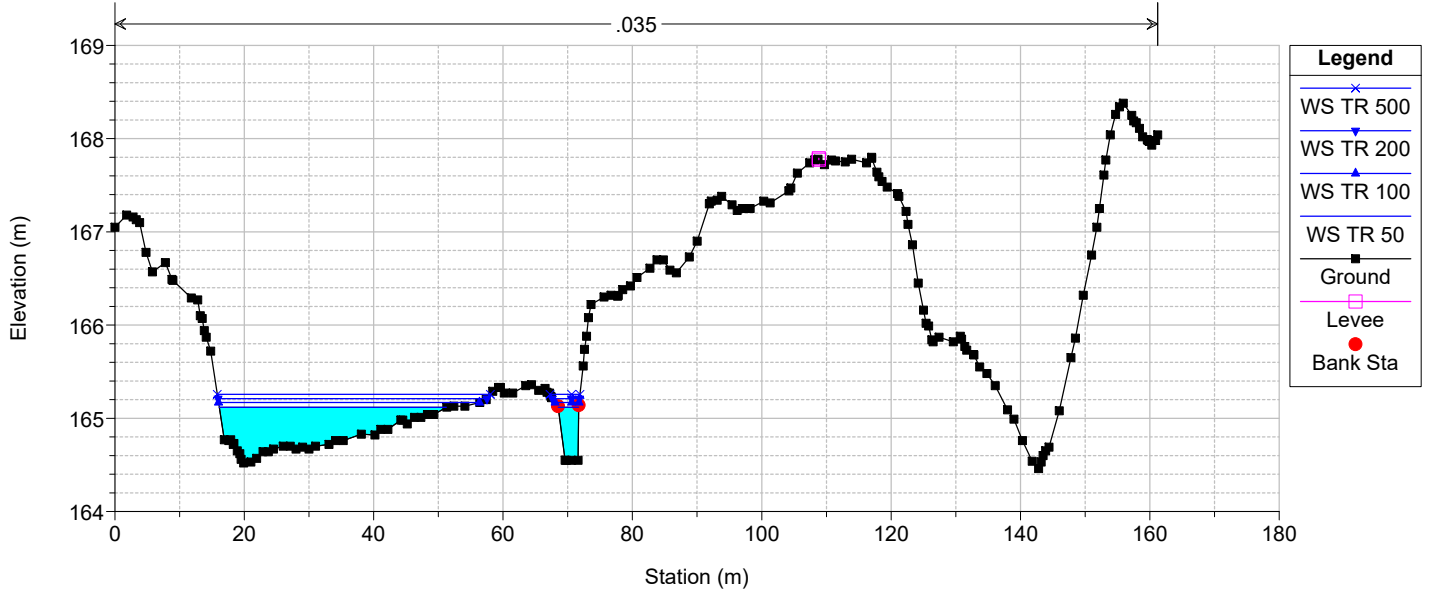
River = 74762 Reach = Badde Pertusu RS = 378 Culv C82 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

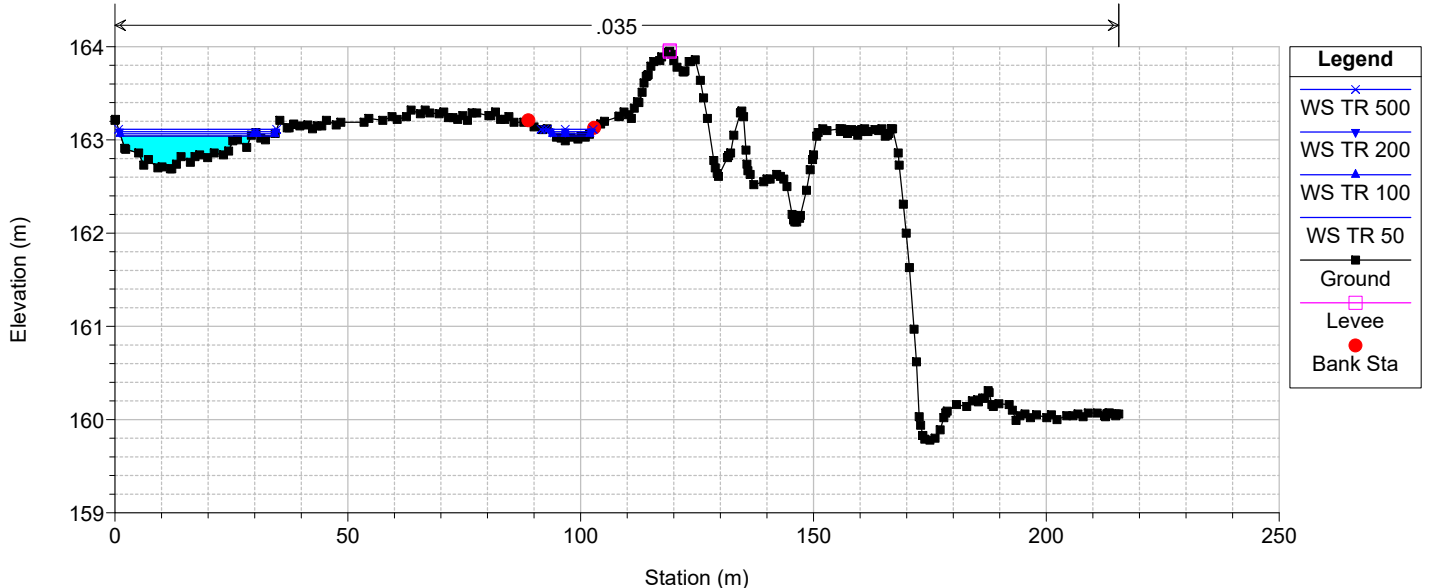
River = 74762 Reach = Badde Pertusu RS = 330 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

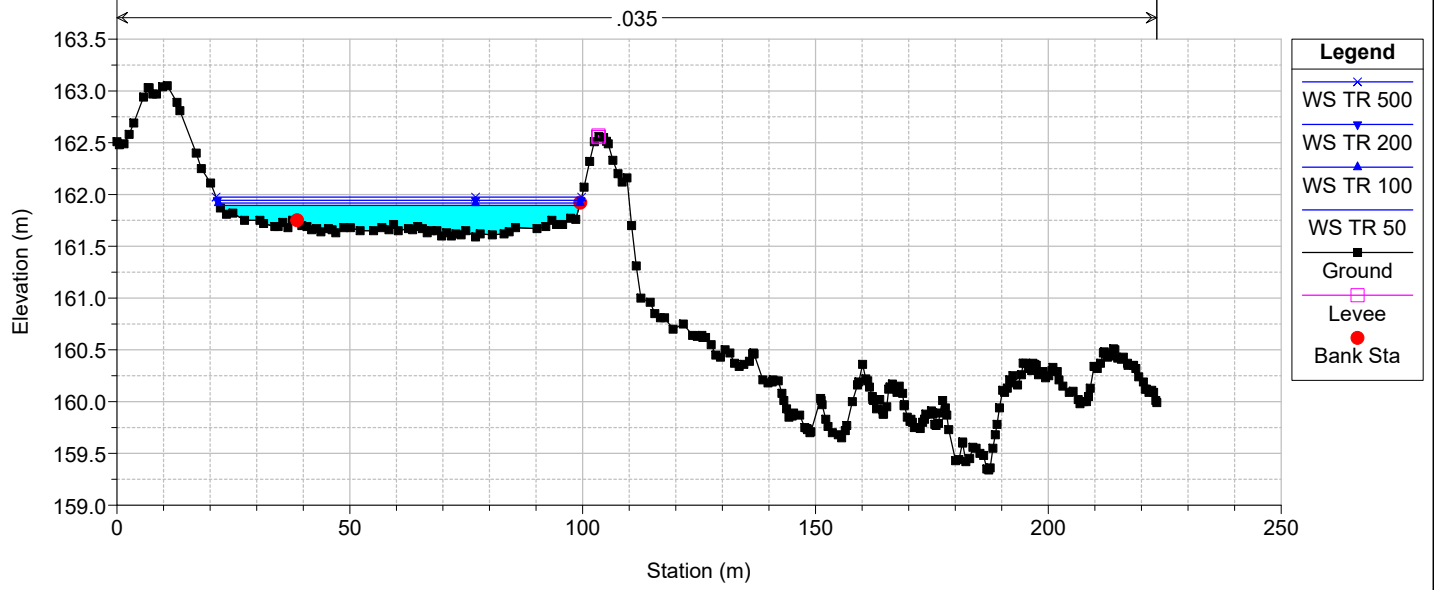
River = 74762 Reach = Badde Pertusu RS = 209 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



74762-BaddePertusu Plan: Plan 01 2/5/2021

Geom: 74762-BaddePertusu Flow: Badde_Pertusu

River = 74762 Reach = Badde Pertusu RS = 42 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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 Pertusu	5308	TR 50	22.96	245.48	247.11	246.77	247.21	0.036412	1.58	17.10	20.52	0.42
Badde Pertusu	5308	TR 100	27.26	245.48	247.21	246.83	247.32	0.036448	1.66	19.21	21.26	0.43
Badde Pertusu	5308	TR 200	31.63	245.48	247.31	246.90	247.43	0.036467	1.73	21.26	22.04	0.43
Badde Pertusu	5308	TR 500	37.60	245.48	247.42	246.99	247.56	0.036733	1.82	23.88	22.99	0.44
Badde Pertusu	5205	TR 50	22.96	244.73	245.85		245.94	0.045101	1.39	18.43	24.48	0.45
Badde Pertusu	5205	TR 100	27.26	244.73	245.93		246.03	0.046764	1.48	20.32	24.74	0.46
Badde Pertusu	5205	TR 200	31.63	244.73	246.00		246.11	0.048473	1.58	22.09	24.98	0.48
Badde Pertusu	5205	TR 500	37.60	244.73	246.09		246.22	0.050007	1.69	24.40	25.30	0.49
Badde Pertusu	5085	TR 50	22.96	241.44	242.94	242.91	243.22	0.140063	2.65	10.85	16.90	0.78
Badde Pertusu	5085	TR 100	27.26	241.44	243.05	242.99	243.33	0.128621	2.69	12.72	17.51	0.76
Badde Pertusu	5085	TR 200	31.63	241.44	243.16	243.07	243.44	0.118364	2.73	14.68	18.32	0.74
Badde Pertusu	5085	TR 500	37.60	241.44	243.29	243.15	243.58	0.109671	2.80	17.23	19.47	0.72
Badde Pertusu	4957	TR 50	22.96	238.99	241.43		241.51	0.020054	1.51	19.62	18.78	0.33
Badde Pertusu	4957	TR 100	27.26	238.99	241.56		241.65	0.020217	1.58	22.22	19.62	0.34
Badde Pertusu	4957	TR 200	31.63	238.99	241.68	240.85	241.78	0.020651	1.65	24.61	20.39	0.34
Badde Pertusu	4957	TR 500	37.60	238.99	241.84	241.15	241.95	0.020917	1.74	27.86	21.54	0.35
Badde Pertusu	4814	TR 50	22.96	238.09	239.41	239.41	239.74	0.117512	2.98	10.08	14.59	0.88
Badde Pertusu	4814	TR 100	27.26	238.09	239.50	239.50	239.86	0.119928	3.15	11.31	15.09	0.90
Badde Pertusu	4814	TR 200	31.63	238.09	239.58	239.58	239.97	0.117411	3.27	12.67	15.61	0.90
Badde Pertusu	4814	TR 500	37.60	238.09	239.68	239.68	240.11	0.118519	3.45	14.27	16.17	0.92
Badde Pertusu	4728	TR 50	22.96	235.09	236.59	237.01	237.88	0.043435	5.11	4.80	5.73	1.57
Badde Pertusu	4728	TR 100	27.26	235.09	236.73	237.10	238.09	0.039247	5.28	5.65	6.17	1.53
Badde Pertusu	4728	TR 200	31.63	235.09	236.87	237.46	238.29	0.036327	5.44	6.49	6.58	1.49
Badde Pertusu	4728	TR 500	37.60	235.09	237.04	237.62	238.53	0.032759	5.60	7.68	7.11	1.45
Badde Pertusu	4597	TR 50	22.96	233.10	234.77	235.29	236.37	0.032317	5.86	4.46	4.27	1.55
Badde Pertusu	4597	TR 100	27.26	233.10	234.92	235.49	236.66	0.031480	6.17	5.11	4.53	1.55
Badde Pertusu	4597	TR 200	31.63	233.10	235.05	235.89	236.92	0.030693	6.43	5.75	4.80	1.56
Badde Pertusu	4597	TR 500	37.60	233.10	235.23	236.03	237.24	0.029644	6.74	6.62	5.24	1.55
Badde Pertusu	4470	TR 50	22.96	232.68	234.05	234.01	234.35	0.032548	1.79	11.50	18.91	0.54
Badde Pertusu	4470	TR 100	27.26	232.68	233.96	234.11	234.51	0.074331	2.56	9.91	18.13	0.80
Badde Pertusu	4470	TR 200	31.63	232.68	233.98	234.18	234.68	0.089452	2.85	10.26	18.30	0.88
Badde Pertusu	4470	TR 500	37.60	232.68	234.01	234.28	234.92	0.109719	3.20	10.72	18.53	0.98
Badde Pertusu	4353	TR 50	22.96	231.17	232.21	232.21	232.57	0.085666	2.82	9.02	12.48	0.92
Badde Pertusu	4353	TR 100	27.26	231.17	232.31	232.31	232.69	0.081149	2.94	10.28	13.00	0.91
Badde Pertusu	4353	TR 200	31.63	231.17	232.40	232.40	232.81	0.079179	3.06	11.43	13.50	0.92
Badde Pertusu	4353	TR 500	37.60	231.17	232.51	232.51	232.96	0.075458	3.18	12.98	14.07	0.91
Badde Pertusu	4223	TR 50	22.96	227.36	228.59	229.12	230.15	0.041294	5.73	4.42	5.67	1.78
Badde Pertusu	4223	TR 100	27.26	227.36	228.71	229.26	230.39	0.039240	5.99	5.11	6.04	1.77
Badde Pertusu	4223	TR 200	31.63	227.36	228.82	229.42	230.59	0.037114	6.19	5.81	6.40	1.75
Badde Pertusu	4223	TR 500	37.60	227.36	228.96	229.59	230.84	0.034936	6.45	6.77	7.00	1.72
Badde Pertusu	4086	TR 50	22.96	224.87	226.19	226.76	228.15	0.054622	6.86	4.09	5.81	2.06
Badde Pertusu	4086	TR 100	27.26	224.87	226.28	226.91	228.42	0.054939	7.24	4.63	6.18	2.09
Badde Pertusu	4086	TR 200	31.63	224.87	226.37	227.04	228.68	0.055072	7.59	5.18	6.53	2.12
Badde Pertusu	4086	TR 500	37.60	224.87	226.47	227.19	228.99	0.054996	7.99	5.91	7.15	2.15
Badde Pertusu	3974	TR 50	22.96	223.62	225.65	225.29	225.91	0.032876	2.37	10.98	9.87	0.60
Badde Pertusu	3974	TR 100	27.26	223.62	225.80	225.43	226.08	0.032541	2.50	12.55	10.73	0.61
Badde Pertusu	3974	TR 200	31.63	223.62	225.92	225.56	226.24	0.033902	2.67	13.87	11.56	0.63
Badde Pertusu	3974	TR 500	37.60	223.62	226.07	225.72	226.43	0.034684	2.85	15.77	12.69	0.64
Badde Pertusu	3862	TR 50	22.96	221.99	223.71	223.68	224.16	0.086924	2.99	7.96	8.91	0.90
Badde Pertusu	3862	TR 100	27.26	221.99	223.82	223.82	224.33	0.089271	3.21	8.92	9.53	0.93
Badde Pertusu	3862	TR 200	31.63	221.99	223.94	223.94	224.49	0.083466	3.32	10.19	10.36	0.91
Badde Pertusu	3862	TR 500	37.60	221.99	224.09	224.09	224.68	0.080491	3.49	11.76	11.38	0.91
Badde Pertusu	3743	TR 50	22.96	218.80	220.69	220.69	221.24	0.073782	3.63	7.84	7.50	0.90
Badde Pertusu	3743	TR 100	27.26	218.80	220.85	220.85	221.43	0.071024	3.78	9.06	8.05	0.90
Badde Pertusu	3743	TR 200	31.63	218.80	220.96	221.00	221.61	0.074228	4.03	9.99	8.44	0.93
Badde Pertusu	3743	TR 500	37.60	218.80	221.12	221.17	221.83	0.075248	4.27	11.34	8.98	0.95
Badde Pertusu	3636	TR 50	22.96	216.62	218.93	218.54	219.24	0.035177	2.60	10.00	7.80	0.61
Badde Pertusu	3636	TR 100	27.26	216.62	219.09	218.70	219.44	0.035936	2.78	11.27	8.27	0.63
Badde Pertusu	3636	TR 200	31.63	216.62	219.23	218.86	219.62	0.036593	2.94	12.53	8.71	0.64
Badde Pertusu	3636	TR 500	37.60	216.62	219.41	219.04	219.85	0.037664	3.15	14.12	9.24	0.66
Badde Pertusu	3554	TR 50	22.96	216.01	217.82	217.70	218.19	0.051791	2.99	9.55	9.78	0.76
Badde Pertusu	3554	TR 100	27.26	216.01	217.94	217.83	218.35	0.054364	3.21	10.69	10.35	0.79
Badde Pertusu	3554	TR 200	31.63	216.01	218.04	217.95	218.50	0.056897	3.41	11.77	10.86	0.81
Badde Pertusu	3554	TR 500	37.60	216.01	218.17	218.11	218.68	0.059123	3.64	13.24	11.53	0.84
Badde Pertusu	3460	TR 50	22.96	214.59	216.02	216.00	216.38	0.077643	2.93	9.28	12.22	0.87
Badde Pertusu	3460	TR 100	27.26	214.59	216.13	216.10	216.51	0.074872	3.06	10.66	12.92	0.87
Badde Pertusu	3460	TR 200	31.63	214.59	216.23	216.20	216.64	0.072597	3.17	12.01	13.51	0.86
Badde Pertusu	3460	TR 500	37.60	214.59	216.35	216.32	216.80	0.071254	3.33	13.71	14.20	0.87
Badde Pertusu	3348	TR 50	22.96	211.60	213.38	213.32	213.82	0.073107	3.02	8.31	8.91	0.86
Badde Pertusu	3348	TR 100	27.26	211.60	213.50	213.47	213.99	0.073565	3.21	9.40	9.49	0.87
Badde Pertusu	3348	TR 200	31.63	211.60	213.61	213.60	214.15	0.073895	3.39	10.48	10.03	0.88
Badde Pertusu	3348	TR 500	37.60	211.60	213.76	213.75	214.34	0.072787	3.58	11.99	10.74	0.89

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 Pertusu	3260	TR 50	22.96	209.28	211.22	211.22	211.79	0.075849	3.59	7.56	6.99	0.89
Badde Pertusu	3260	TR 100	27.26	209.28	211.39	211.39	212.00	0.073038	3.75	8.75	7.56	0.89
Badde Pertusu	3260	TR 200	31.63	209.28	211.54	211.54	212.18	0.070698	3.89	9.95	8.16	0.88
Badde Pertusu	3260	TR 500	37.60	209.28	211.72	211.72	212.41	0.069291	4.09	11.51	9.00	0.89
Badde Pertusu	3146	TR 50	22.96	207.36	209.81	209.07	209.95	0.016109	1.75	14.17	10.67	0.42
Badde Pertusu	3146	TR 100	27.26	207.36	209.98	209.21	210.15	0.015891	1.85	16.14	11.37	0.42
Badde Pertusu	3146	TR 200	31.63	207.36	210.15	209.34	210.33	0.015635	1.94	18.11	12.03	0.43
Badde Pertusu	3146	TR 500	37.60	207.36	210.37	209.50	210.56	0.015305	2.04	20.76	12.89	0.43
Badde Pertusu	3038	TR 50	22.96	206.26	208.27	208.27	208.88	0.086377	3.59	7.13	6.25	0.91
Badde Pertusu	3038	TR 100	27.26	206.26	208.44	208.44	209.10	0.081928	3.75	8.25	6.70	0.90
Badde Pertusu	3038	TR 200	31.63	206.26	208.60	208.60	209.29	0.079579	3.90	9.32	7.09	0.90
Badde Pertusu	3038	TR 500	37.60	206.26	208.79	208.79	209.54	0.077193	4.10	10.73	7.59	0.90
Badde Pertusu	2893	TR 50	22.96	204.47	206.12	205.90	206.27	0.030849	2.03	14.83	20.03	0.56
Badde Pertusu	2893	TR 100	27.26	204.47	206.22	205.98	206.38	0.030684	2.13	16.87	21.05	0.57
Badde Pertusu	2893	TR 200	31.63	204.47	206.30	206.06	206.48	0.031020	2.23	18.76	21.93	0.58
Badde Pertusu	2893	TR 500	37.60	204.47	206.41	206.15	206.60	0.031254	2.34	21.21	22.90	0.58
Badde Pertusu	2791	TR 50	22.96	202.79	204.43	204.43	204.75	0.086574	2.80	10.00	15.83	0.88
Badde Pertusu	2791	TR 100	27.26	202.79	204.51	204.51	204.86	0.087157	2.95	11.27	16.39	0.90
Badde Pertusu	2791	TR 200	31.63	202.79	204.60	204.60	204.96	0.085108	3.06	12.66	17.04	0.90
Badde Pertusu	2791	TR 500	37.60	202.79	204.70	204.70	205.09	0.083007	3.20	14.42	17.65	0.90
Badde Pertusu	2696	TR 50	22.96	200.31	202.42	202.40	202.76	0.049661	2.85	10.46	14.77	0.70
Badde Pertusu	2696	TR 100	27.26	200.31	202.51	202.51	202.88	0.051715	3.02	11.90	15.23	0.72
Badde Pertusu	2696	TR 200	31.63	200.31	202.61	202.60	203.00	0.051513	3.12	13.46	15.72	0.72
Badde Pertusu	2696	TR 500	37.60	200.31	202.75	202.71	203.14	0.049055	3.20	15.73	16.40	0.71
Badde Pertusu	2594	TR 50	22.96	199.15	200.81	200.68	201.13	0.055880	2.58	9.81	11.66	0.75
Badde Pertusu	2594	TR 100	27.26	199.15	200.95	200.78	201.28	0.051160	2.67	11.67	13.98	0.73
Badde Pertusu	2594	TR 200	31.63	199.15	201.06	200.95	201.41	0.050614	2.79	13.15	14.46	0.74
Badde Pertusu	2594	TR 500	37.60	199.15	201.16	201.08	201.56	0.053230	3.00	14.70	14.95	0.77
Badde Pertusu	2468	TR 50	22.96	197.33	199.41		199.63	0.027599	2.46	12.44	11.50	0.57
Badde Pertusu	2468	TR 100	27.26	197.33	199.57		199.81	0.028659	2.64	14.38	13.61	0.59
Badde Pertusu	2468	TR 200	31.63	197.33	199.71		199.96	0.027904	2.73	16.40	14.73	0.59
Badde Pertusu	2468	TR 500	37.60	197.33	199.92	199.44	200.16	0.024808	2.73	19.61	15.93	0.56
Badde Pertusu	2382	TR 50	22.96	196.47	198.13	198.09	198.54	0.066083	3.06	8.99	11.12	0.84
Badde Pertusu	2382	TR 100	27.26	196.47	198.24	198.24	198.69	0.066848	3.25	10.28	12.07	0.86
Badde Pertusu	2382	TR 200	31.63	196.47	198.32	198.32	198.83	0.071082	3.47	11.32	12.81	0.89
Badde Pertusu	2382	TR 500	37.60	196.47	198.39	198.39	199.02	0.085801	3.92	12.16	14.07	0.99
Badde Pertusu	2256	TR 50	22.96	194.30	196.52	196.14	196.81	0.031509	2.53	11.31	12.77	0.59
Badde Pertusu	2256	TR 100	27.26	194.30	196.72	196.18	197.00	0.028879	2.58	13.96	16.09	0.57
Badde Pertusu	2256	TR 200	31.63	194.30	196.85	196.58	197.14	0.028038	2.66	16.22	17.64	0.57
Badde Pertusu	2256	TR 500	37.60	194.30	197.07	196.67	197.33	0.023663	2.60	20.32	19.82	0.53
Badde Pertusu	2116	TR 50	22.96	192.98	194.70		195.08	0.053852	2.73	8.83	7.87	0.74
Badde Pertusu	2116	TR 100	27.26	192.98	194.78	194.64	195.24	0.062098	3.04	9.47	8.12	0.80
Badde Pertusu	2116	TR 200	31.63	192.98	194.92	194.78	195.42	0.061216	3.20	10.59	8.70	0.81
Badde Pertusu	2116	TR 500	37.60	192.98	194.97	194.95	195.63	0.076115	3.66	11.09	8.98	0.91
Badde Pertusu	1976	TR 50	22.96	190.31	192.05	192.05	192.44	0.071030	2.87	9.10	13.60	0.84
Badde Pertusu	1976	TR 100	27.26	190.31	192.19	192.19	192.57	0.061675	2.88	11.22	15.72	0.80
Badde Pertusu	1976	TR 200	31.63	190.31	192.27	192.27	192.69	0.065475	3.08	12.40	16.47	0.83
Badde Pertusu	1976	TR 500	37.60	190.31	192.45	192.45	192.83	0.053696	3.02	15.90	20.84	0.76
Badde Pertusu	1864	TR 50	22.96	188.13	190.82	190.08	190.97	0.015331	1.93	17.12	28.28	0.40
Badde Pertusu	1864	TR 100	27.26	188.13	190.73	190.29	191.02	0.030058	2.63	14.60	26.40	0.56
Badde Pertusu	1864	TR 200	31.63	188.13	190.79	190.84	191.11	0.033603	2.82	16.03	27.76	0.60
Badde Pertusu	1864	TR 500	37.60	188.13	191.00	190.90	191.21	0.021759	2.41	22.10	29.49	0.49
Badde Pertusu	1757	TR 50	22.96	186.29	189.03	189.03	189.84	0.110600	4.18	6.30	4.21	0.92
Badde Pertusu	1757	TR 100	27.26	186.29	189.68	189.68	189.98	0.033806	2.76	12.46	17.21	0.53
Badde Pertusu	1757	TR 200	31.63	186.29	189.75	189.75	190.07	0.034615	2.84	13.68	17.60	0.54
Badde Pertusu	1757	TR 500	37.60	186.29	189.77	189.77	190.19	0.045704	3.28	13.98	17.69	0.62
Badde Pertusu	1586	TR 50	22.96	183.69	185.47	185.90	186.84	0.034183	5.35	4.64	4.57	1.49
Badde Pertusu	1586	TR 100	27.26	183.69	185.41	186.08	187.56	0.056544	6.67	4.38	4.44	1.90
Badde Pertusu	1586	TR 200	31.63	183.69	185.57	186.28	187.75	0.049502	6.76	5.12	4.81	1.82
Badde Pertusu	1586	TR 500	37.60	183.69	185.83	186.40	187.87	0.037950	6.62	6.44	5.40	1.64
Badde Pertusu	1495	TR 50	22.96	182.48	184.17	184.39	185.04	0.131512	4.20	5.72	5.65	1.20
Badde Pertusu	1495	TR 100	27.26	182.48	184.43	184.56	185.20	0.090999	3.97	7.32	6.53	1.03
Badde Pertusu	1495	TR 200	31.63	182.48	184.48	184.70	185.44	0.109009	4.44	7.63	6.70	1.14
Badde Pertusu	1495	TR 500	37.60	182.48	184.50	184.95	185.81	0.147473	5.20	7.75	6.76	1.32
Badde Pertusu	1361	TR 50	22.96	180.93	182.80	182.80	183.43	0.020849	3.58	6.70	5.65	0.96
Badde Pertusu	1361	TR 100	27.26	180.93	182.96	182.96	183.66	0.020029	3.78	7.65	6.05	0.96
Badde Pertusu	1361	TR 200	31.63	180.93	183.10	183.13	183.87	0.019898	3.98	8.53	6.47	0.97
Badde Pertusu	1361	TR 500	37.60	180.93	183.35	183.35	184.13	0.017113	4.04	10.25	7.30	0.92
Badde Pertusu	1246	TR 50	22.96	178.88	180.43	181.00	182.24	0.049966	6.22	4.16	5.38	1.90
Badde Pertusu	1246	TR 100	27.26	178.88	180.54	181.14	182.49	0.048346	6.53	4.78	5.70	1.90
Badde Pertusu	1246	TR 200	31.63	178.88	180.65	181.22	182.72	0.046574	6.78	5.41	6.01	1.89
Badde Pertusu	1246	TR 500	37.60	178.88	180.77	181.29	183.05	0.046461	7.18	6.16	6.40	1.91

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 Pertusu	1135	TR 50	22.96	178.02	179.18	179.64	180.64	0.039976	5.77	4.66	6.37	1.81
Badde Pertusu	1135	TR 100	27.26	178.02	179.26	179.79	180.91	0.041035	6.17	5.23	6.71	1.86
Badde Pertusu	1135	TR 200	31.63	178.02	179.35	179.89	181.17	0.041834	6.53	5.79	7.01	1.90
Badde Pertusu	1135	TR 500	37.60	178.02	179.45	180.02	181.49	0.042617	6.96	6.53	7.39	1.95
Badde Pertusu	1024	TR 50	22.96	176.01	177.21	177.76	179.00	0.056650	5.96	3.95	5.02	2.00
Badde Pertusu	1024	TR 100	27.26	176.01	177.32	177.93	179.29	0.053890	6.27	4.51	5.28	1.99
Badde Pertusu	1024	TR 200	31.63	176.01	177.42	178.08	179.56	0.051880	6.55	5.06	5.52	1.98
Badde Pertusu	1024	TR 500	37.60	176.01	177.55	178.27	179.90	0.049672	6.90	5.79	5.82	1.97
Badde Pertusu	881	TR 50	22.96	174.93	176.42	176.66	177.17	0.023590	4.45	9.09	26.46	1.32
Badde Pertusu	881	TR 100	27.26	174.93	176.46	176.73	177.34	0.027291	4.89	10.15	27.42	1.43
Badde Pertusu	881	TR 200	31.63	174.93	176.49	176.78	177.50	0.031021	5.32	11.11	28.04	1.53
Badde Pertusu	881	TR 500	37.60	174.93	176.53	176.88	177.71	0.036036	5.85	12.25	28.70	1.66
Badde Pertusu	754	TR 50	22.96	173.45	174.14	174.45	175.46	0.101302	6.60	5.29	18.74	2.66
Badde Pertusu	754	TR 100	27.26	173.45	174.18	174.51	175.51	0.095354	6.72	6.21	19.68	2.61
Badde Pertusu	754	TR 200	31.63	173.45	174.23	174.56	175.56	0.090755	6.85	7.12	20.55	2.58
Badde Pertusu	754	TR 500	37.60	173.45	174.29	174.64	175.64	0.086340	7.03	8.35	22.25	2.55
Badde Pertusu	666	TR 50	22.96	169.39	170.82	171.34	172.49	0.118449	5.97	4.36	5.63	1.73
Badde Pertusu	666	TR 100	27.26	169.39	170.94	171.49	172.71	0.111090	6.17	5.09	6.14	1.70
Badde Pertusu	666	TR 200	31.63	169.39	171.06	171.53	172.90	0.104631	6.32	5.82	6.60	1.67
Badde Pertusu	666	TR 500	37.60	169.39	171.20	171.61	173.13	0.097196	6.49	6.81	7.12	1.64
Badde Pertusu	585	TR 50	22.96	168.28	170.18	170.44	171.25	0.021819	4.67	5.25	4.18	1.21
Badde Pertusu	585	TR 100	27.26	168.28	170.37	170.61	171.53	0.020573	4.89	6.04	4.53	1.20
Badde Pertusu	585	TR 200	31.63	168.28	170.54	171.16	171.78	0.019344	5.07	6.88	4.88	1.18
Badde Pertusu	585	TR 500	37.60	168.28	170.80	171.37	172.09	0.017330	5.22	8.45	10.68	1.14
Badde Pertusu	485	TR 50	22.96	166.87	168.75	168.99	169.72	0.200020	4.37	5.34	4.70	1.22
Badde Pertusu	485	TR 100	27.26	166.87	168.83	169.20	170.03	0.232759	4.89	5.70	4.88	1.33
Badde Pertusu	485	TR 200	31.63	166.87	168.92	169.36	170.32	0.247761	5.27	6.18	5.10	1.38
Badde Pertusu	485	TR 500	37.60	166.87	169.03	169.80	170.70	0.271093	5.78	6.75	5.36	1.47
Badde Pertusu	416	TR 50	22.96	165.59	169.13	167.60	169.14	0.000299	0.57	80.65	56.51	0.10
Badde Pertusu	416	TR 100	27.26	165.59	169.21	167.70	169.22	0.000396	0.67	85.18	59.55	0.12
Badde Pertusu	416	TR 200	31.63	165.59	169.28	167.81	169.29	0.000471	0.74	89.29	60.81	0.13
Badde Pertusu	416	TR 500	37.60	165.59	169.35	167.89	169.36	0.000581	0.83	93.64	61.46	0.14
Badde Pertusu	378 C82		Culvert									
Badde Pertusu	330	TR 50	22.96	164.55	165.12	165.12	165.28	0.017279	1.99	12.81	38.26	0.94
Badde Pertusu	330	TR 100	27.26	164.55	165.17	165.17	165.34	0.017118	2.11	14.98	44.02	0.94
Badde Pertusu	330	TR 200	31.63	164.55	165.21	165.21	165.39	0.016282	2.17	16.85	45.80	0.93
Badde Pertusu	330	TR 500	37.60	164.55	165.26	165.26	165.46	0.015864	2.26	18.99	46.82	0.93
Badde Pertusu	209	TR 50	22.96	162.99	163.04	163.25	163.80	0.149522	0.83	6.06	37.38	1.85
Badde Pertusu	209	TR 100	27.26	162.99	163.07	163.27	163.87	0.145337	1.29	7.03	40.52	2.04
Badde Pertusu	209	TR 200	31.63	162.99	163.09	163.30	163.94	0.157764	1.69	7.93	42.37	2.25
Badde Pertusu	209	TR 500	37.60	162.99	163.11	163.32	164.05	0.150840	1.92	9.08	44.45	2.28
Badde Pertusu	42	TR 50	22.96	161.59	161.89	161.89	162.00	0.018651	1.47	16.33	77.34	0.98
Badde Pertusu	42	TR 100	27.26	161.59	161.92	161.92	162.04	0.018649	1.56	18.16	77.70	0.99
Badde Pertusu	42	TR 200	31.63	161.59	161.94	161.94	162.07	0.017818	1.63	20.18	78.07	0.98
Badde Pertusu	42	TR 500	37.60	161.59	161.97	161.97	162.12	0.017373	1.73	22.61	78.50	0.99

COMUNE DI SASSARI

Studio di Assetto Idraulico del territorio comunale

Variante al PAI ai sensi dell'art. 374 c.3 delle N.A.

Aggiornamento a seguito di prescrizioni (prot. N. 12928 del 30.12.2020)

Area di indagine: **TERRITORIO COMUNALE**

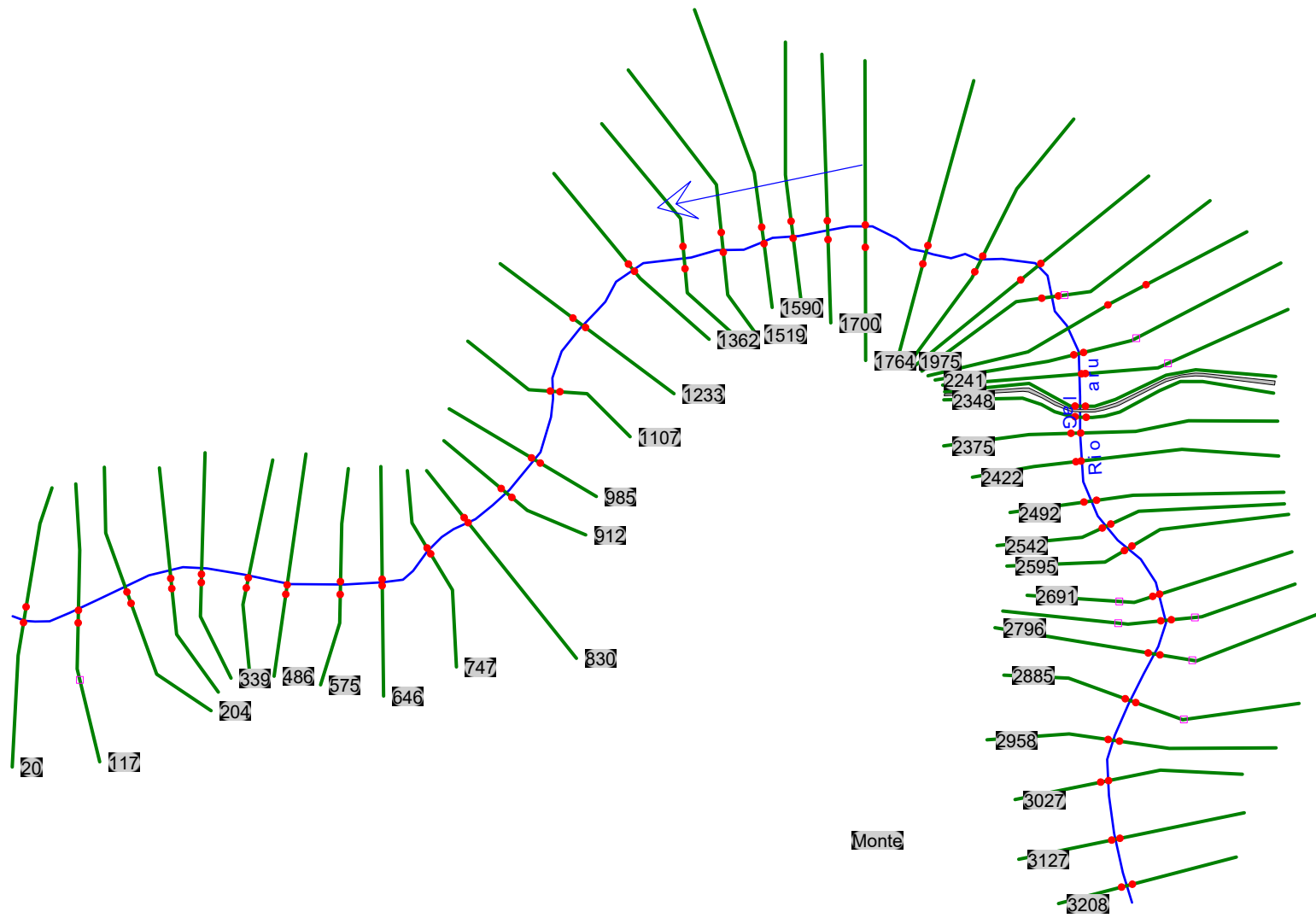
SIMULAZIONI IN MOTO PERMANENTE

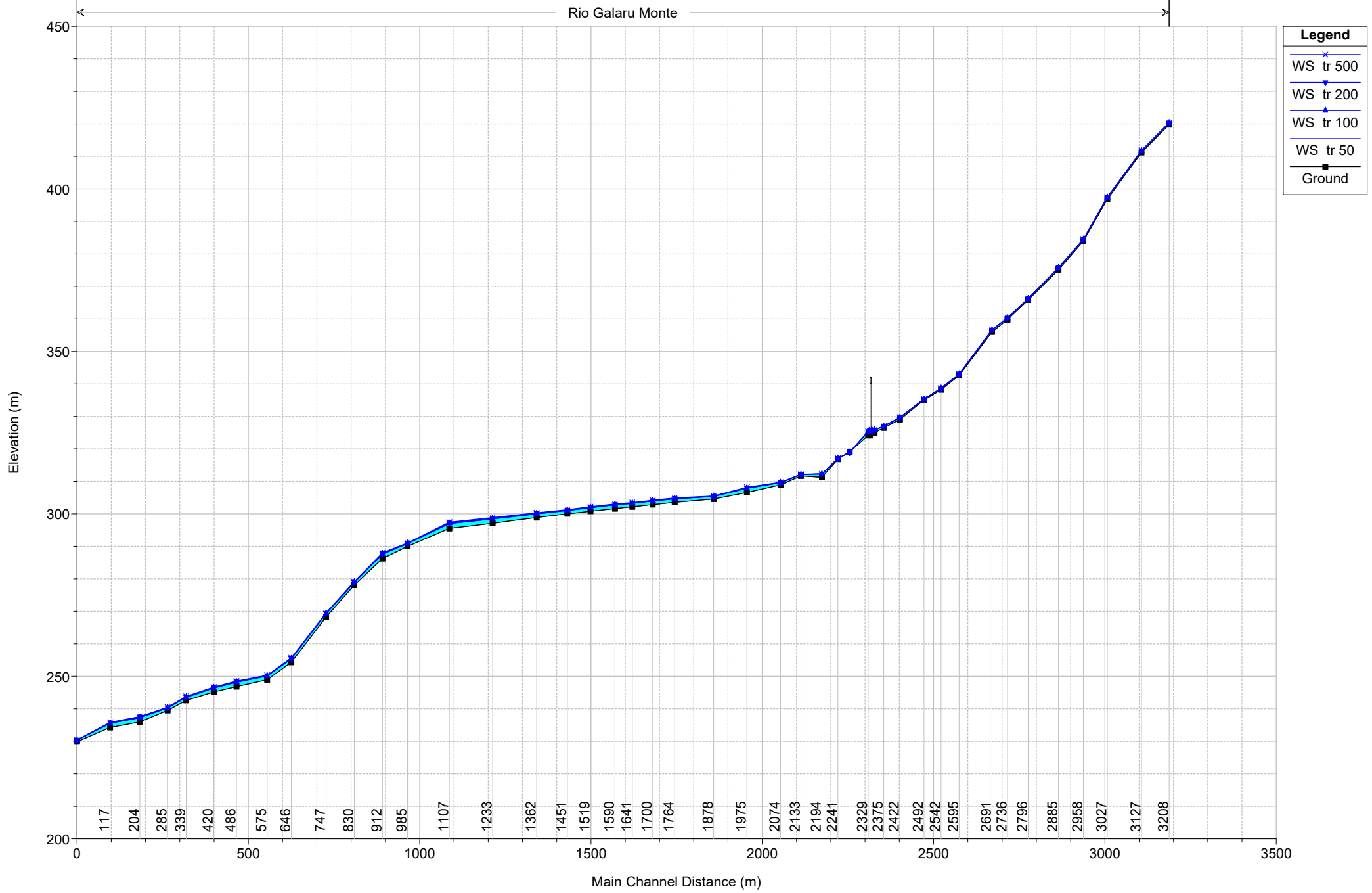
Modello 24 : Rio Galaru

- Schema planimetrico del modello matematico;
- Profili longitudinali con livelli idrici per i tempi di ritorno 50, 100, 200 e 500 anni;
- Sezioni trasversali con livelli idrici per tempi di ritorno 50, 100, 200 e 500 anni;
- Tabulati numerici di output per tempi di ritorno 50, 100, 200 e 500 anni;
- Calcolo della portata critica;
- Profilo longitudinale del livello idrico per il tempo di ritorno critico TC;
- Verifica dei franchi idraulici e della portata critica;

River	Reach	RS	PORTATE mc/s			
			tr 50	tr 100	tr 200	tr 500
Rio Galaru	Monte	3208	9.614	11.175	12.804	15.168
Rio Galaru	Monte	2074	64.495	77.655	91.049	109.089

River	Reach	PROFILI	condizioni al contorno	
			upstream	downstream
Rio Galaru	Monte	all	Critical Depth	Normal Depth S = 0.048

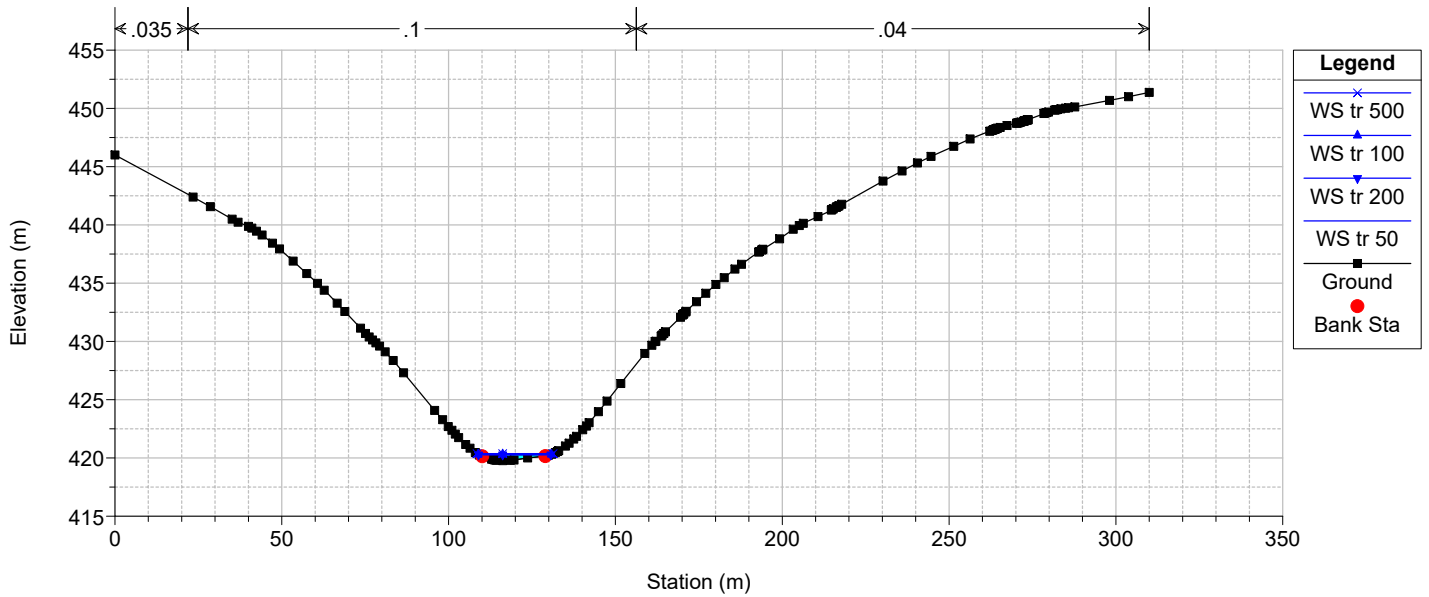




rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

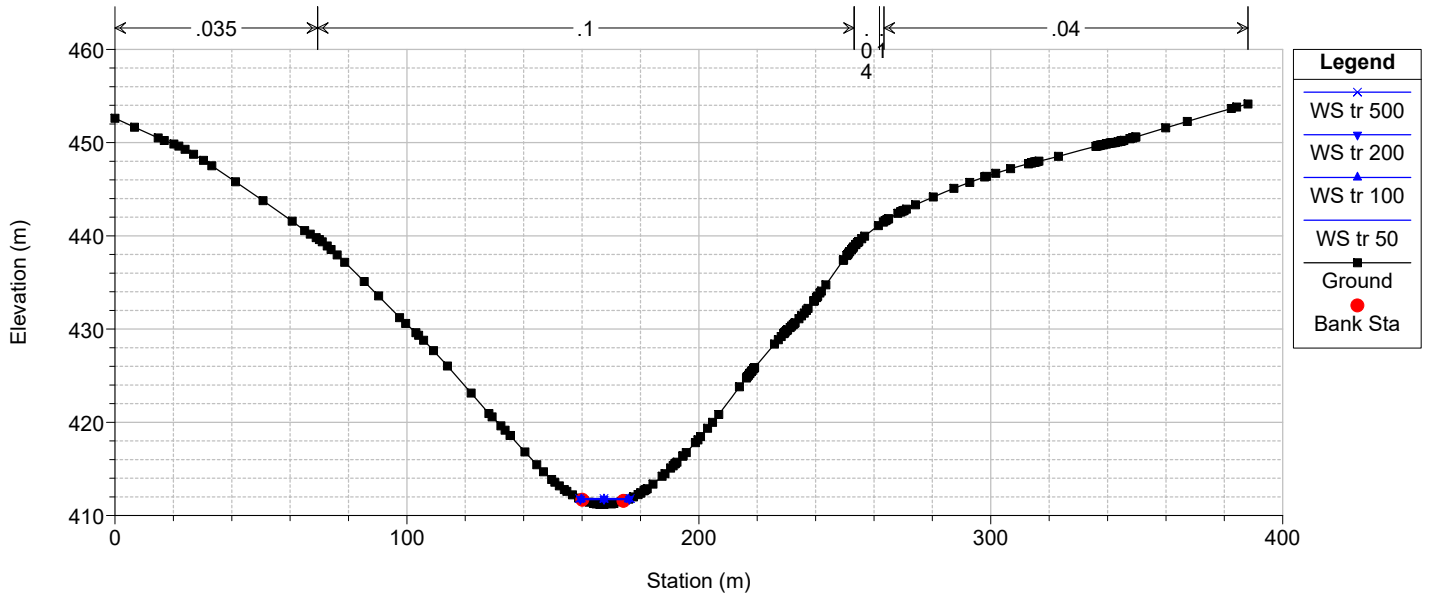
River = Rio Galaru Reach = Monte RS = 3208 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

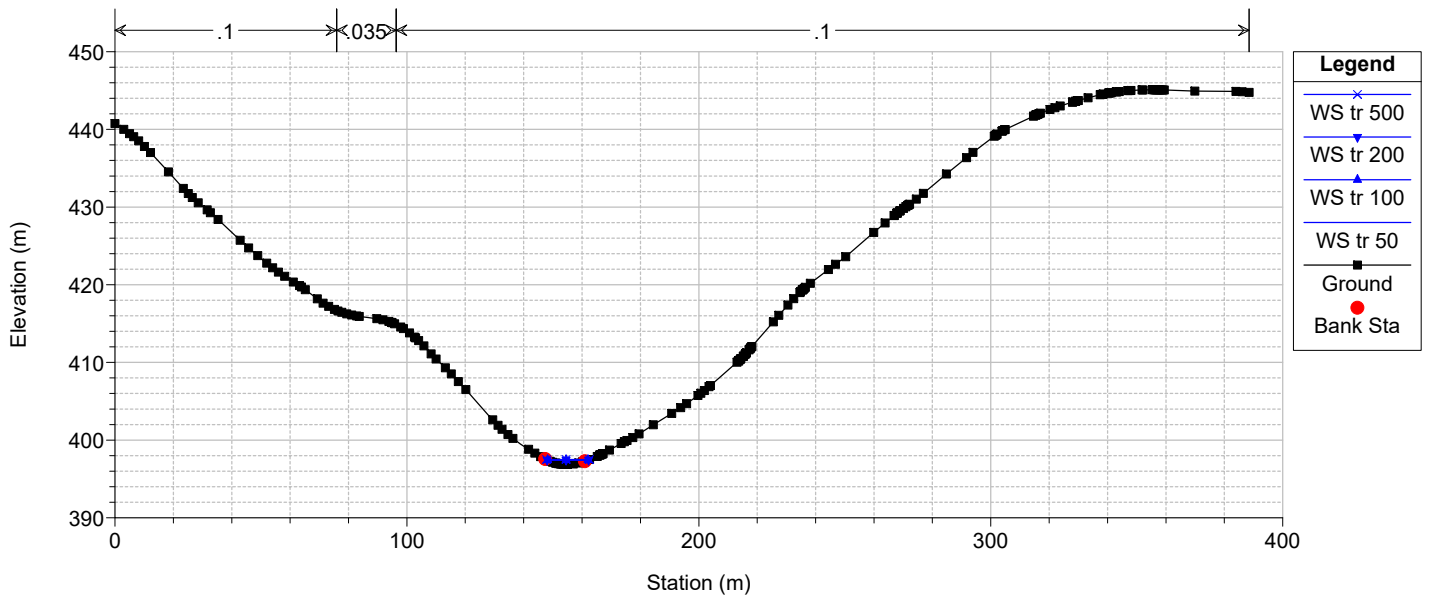
River = Rio Galaru Reach = Monte RS = 3127 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

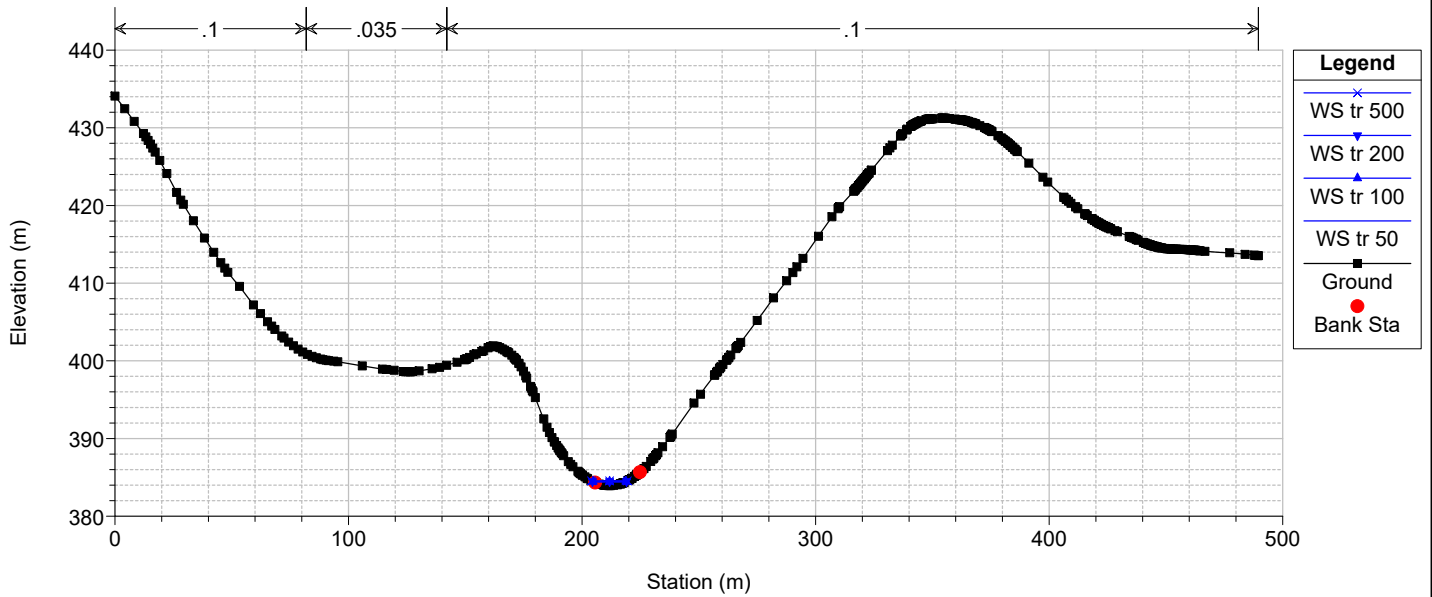
River = Rio Galaru Reach = Monte RS = 3027 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio galaru Flow: rio galaru

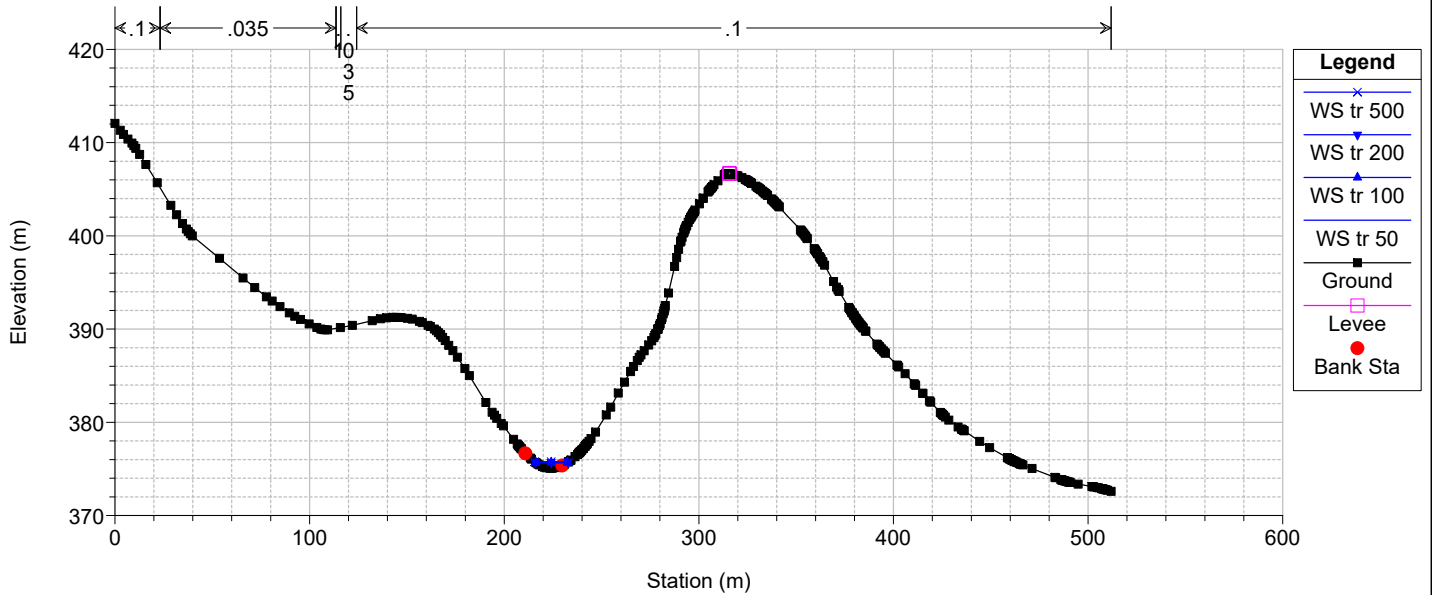
River = Rio Galaru Reach = Monte RS = 2958 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio galaru Flow: rio galaru

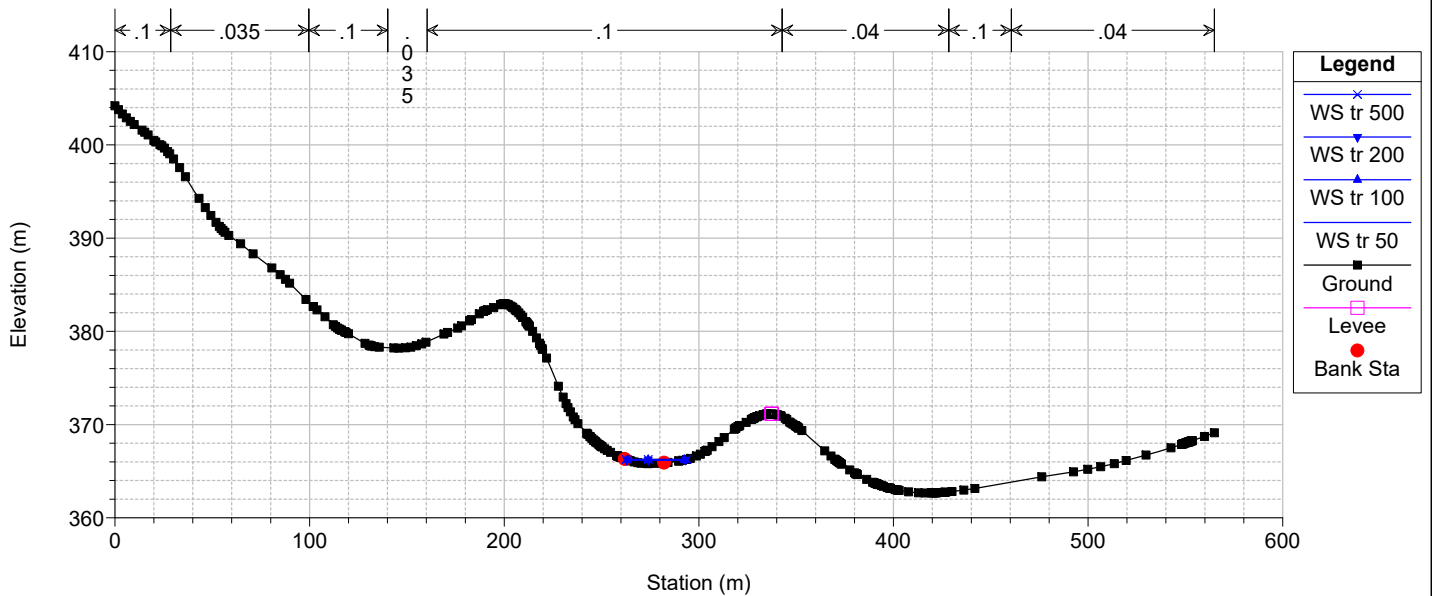
River = Rio Galaru Reach = Monte RS = 2885 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio galaru Flow: rio galaru

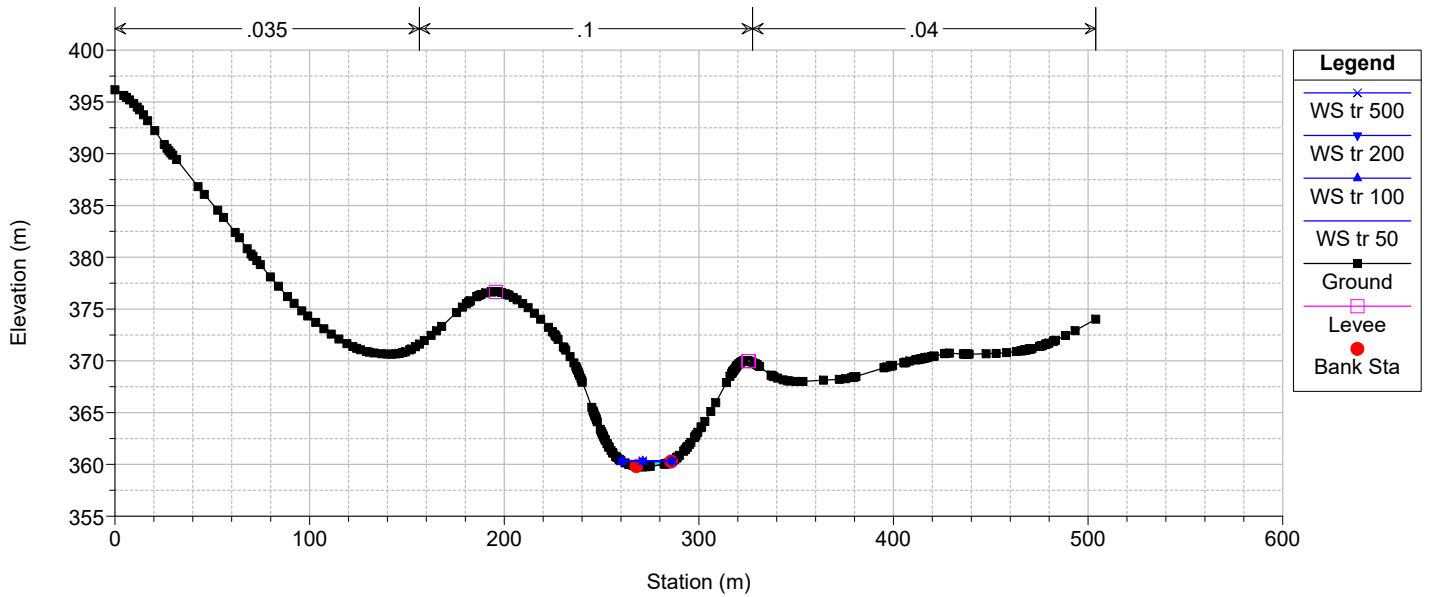
River = Rio Galaru Reach = Monte RS = 2796 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

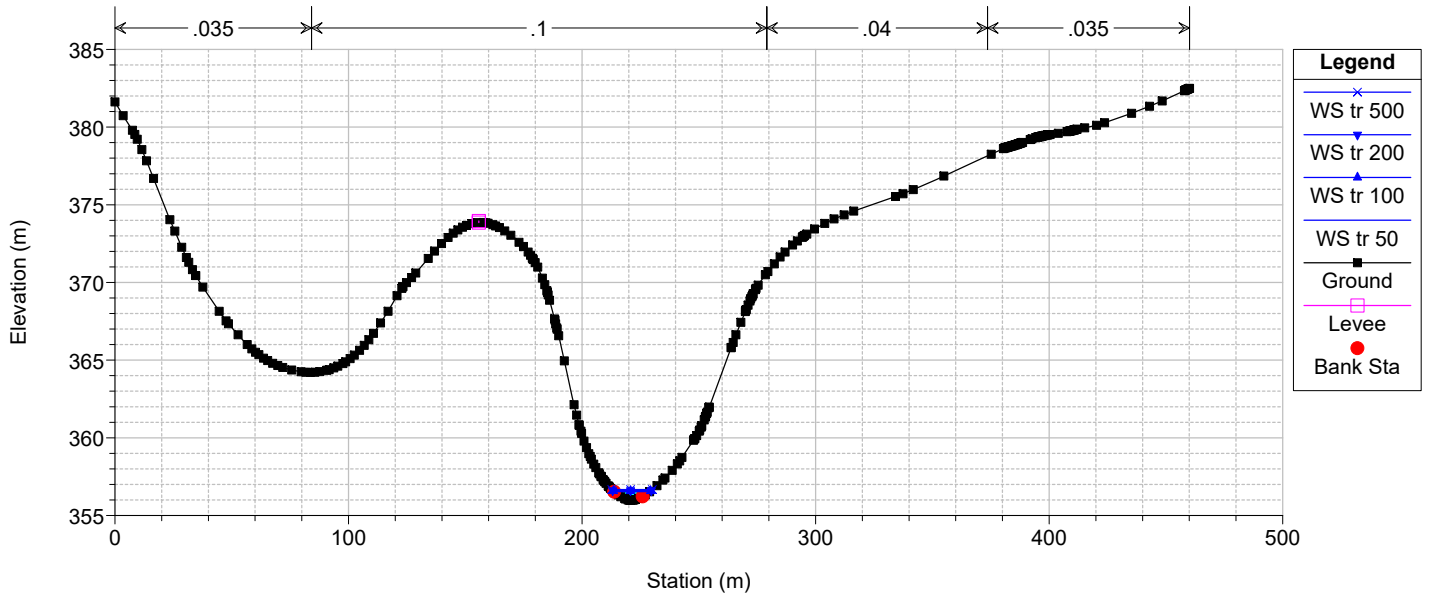
River = Rio Galaru Reach = Monte RS = 2736 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

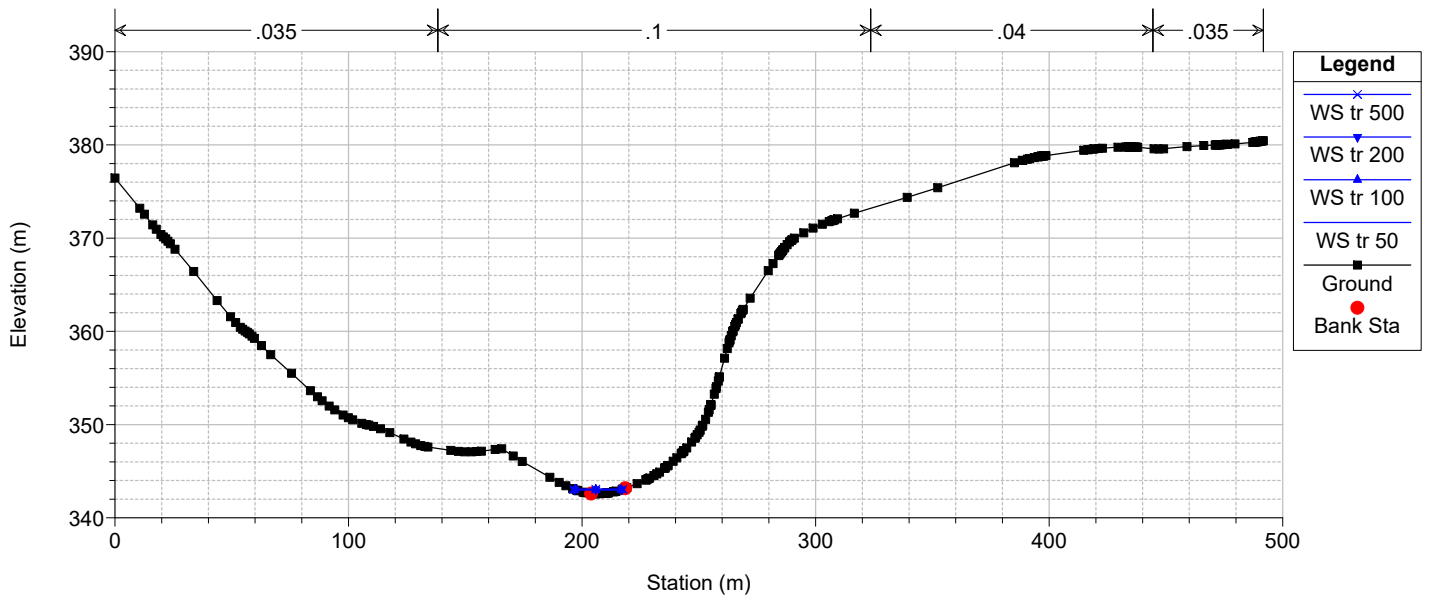
River = Rio Galaru Reach = Monte RS = 2691 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

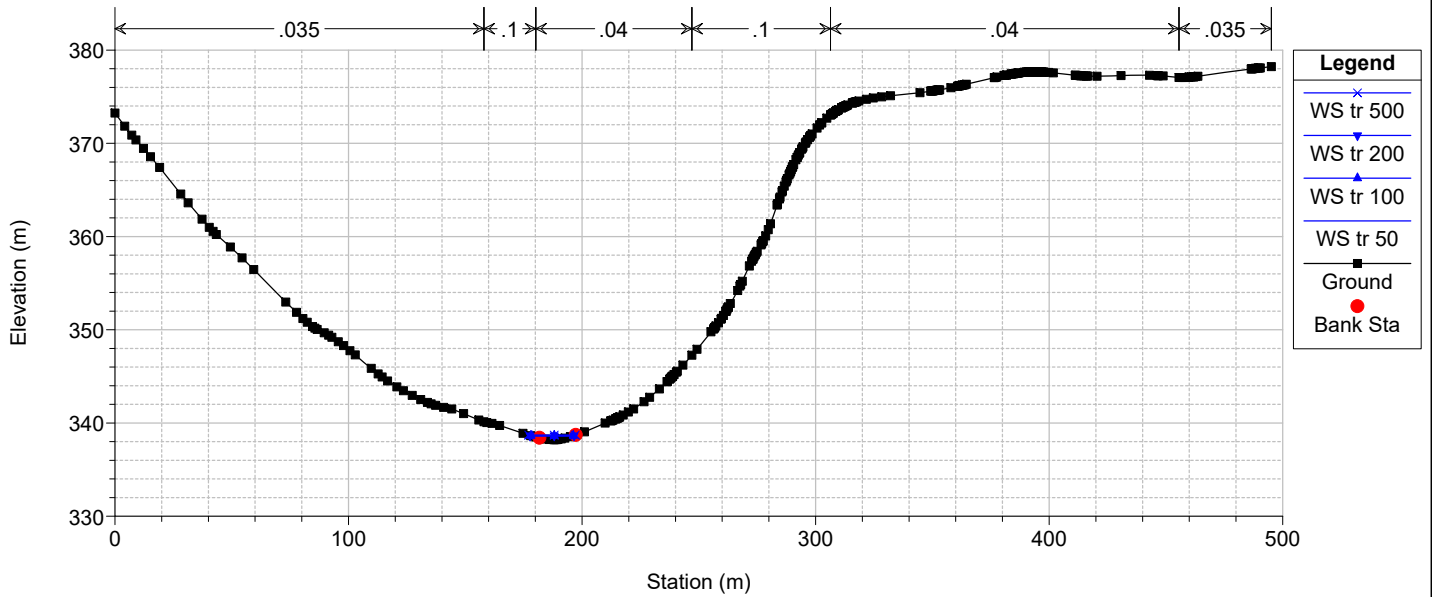
River = Rio Galaru Reach = Monte RS = 2595 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

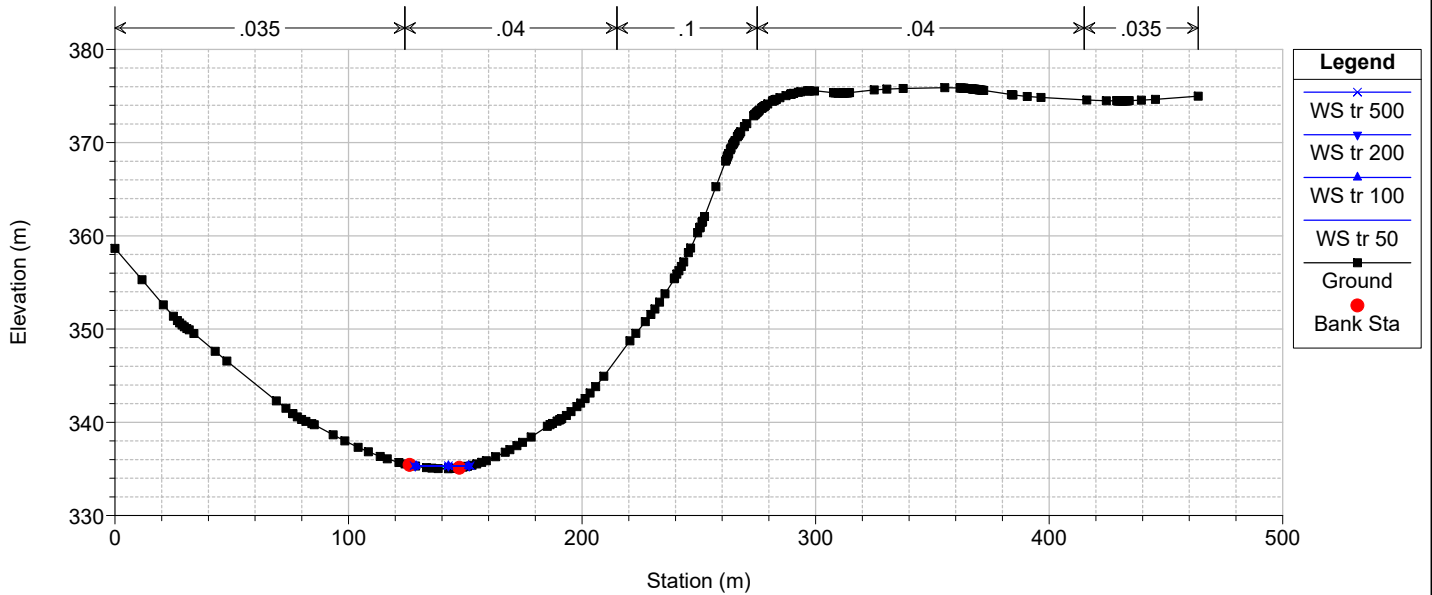
River = Rio Galaru Reach = Monte RS = 2542 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

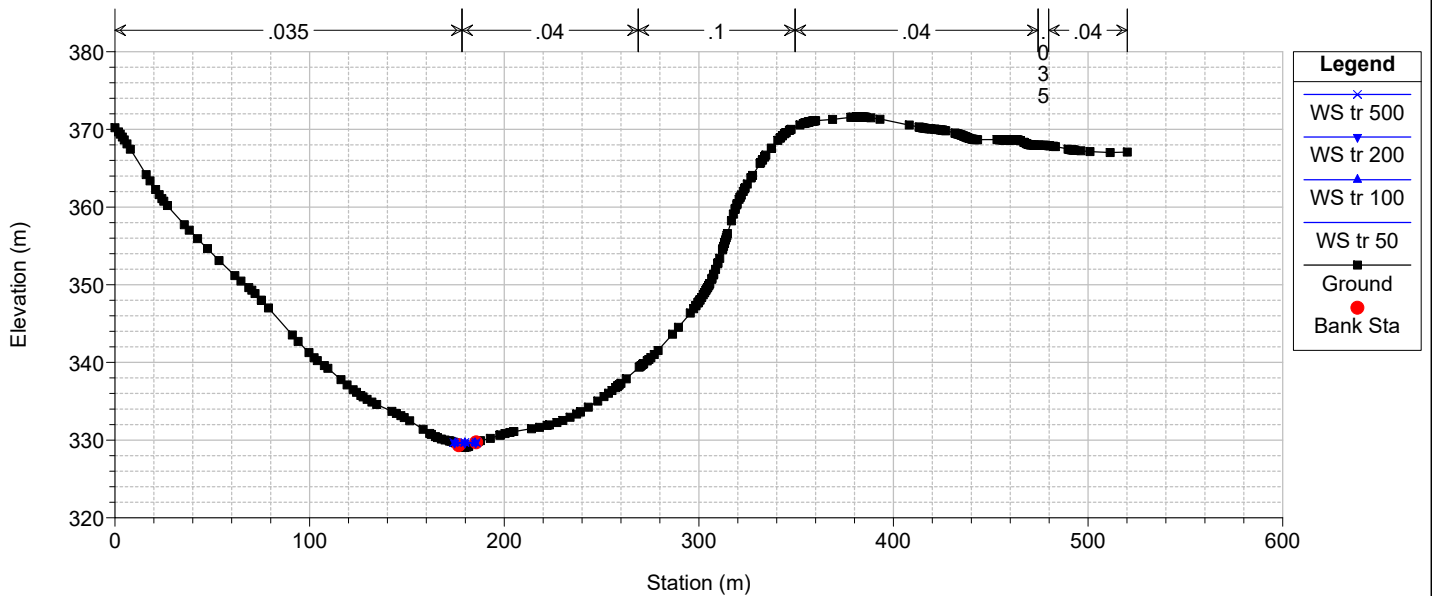
River = Rio Galaru Reach = Monte RS = 2492 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

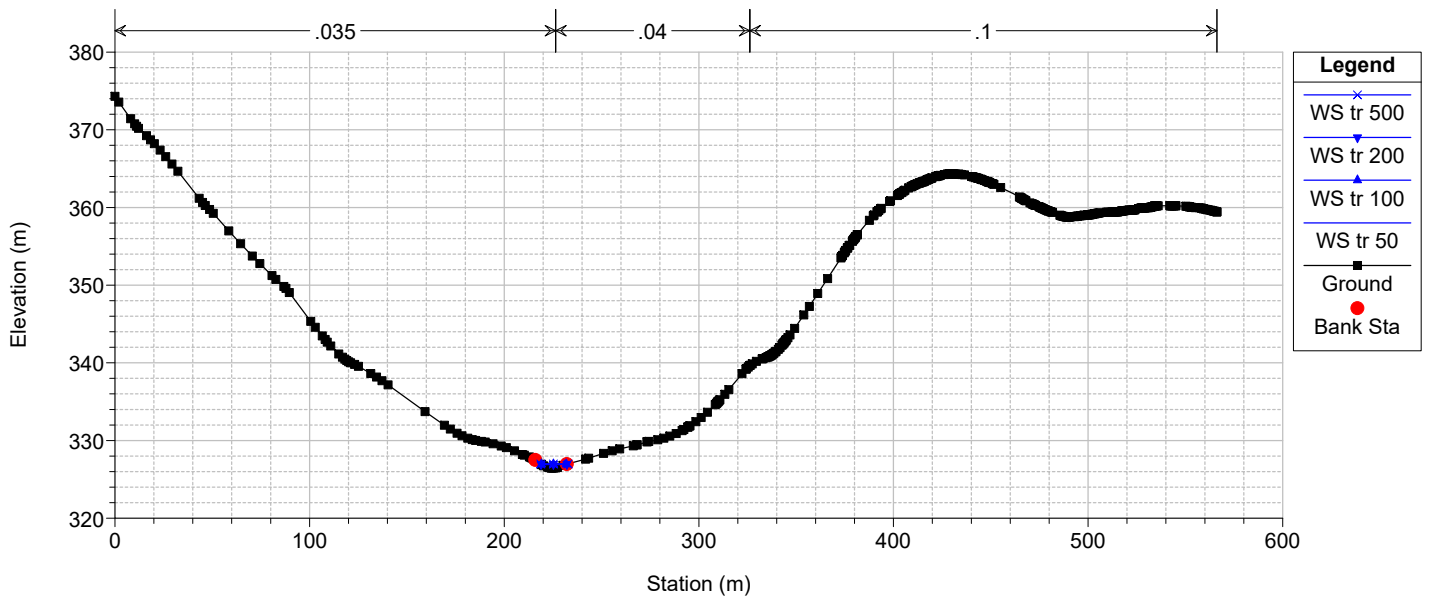
River = Rio Galaru Reach = Monte RS = 2422 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

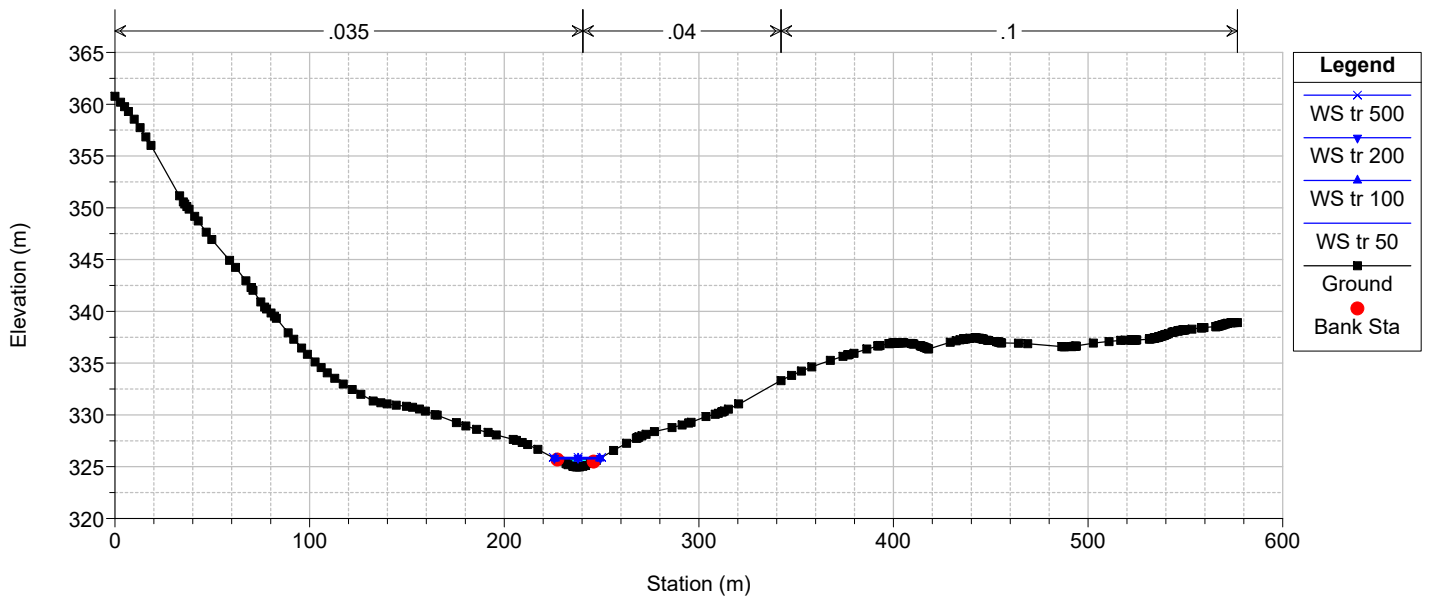
River = Rio Galaru Reach = Monte RS = 2375 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

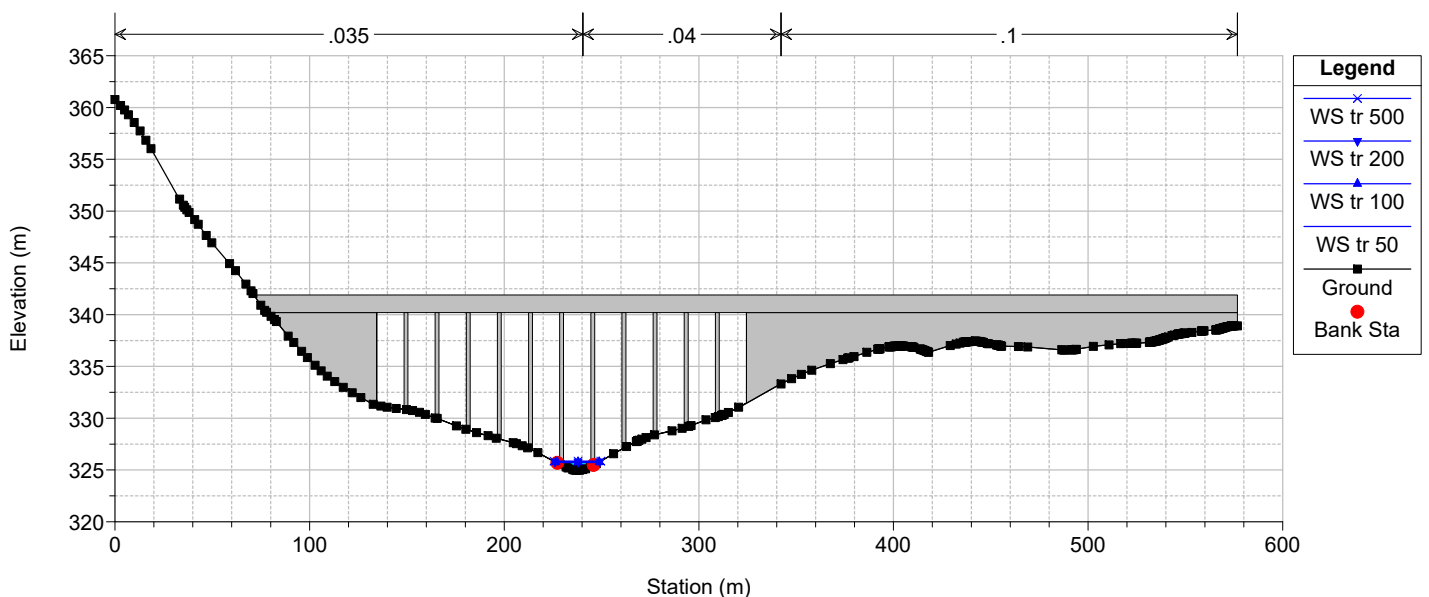
River = Rio Galaru Reach = Monte RS = 2348 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

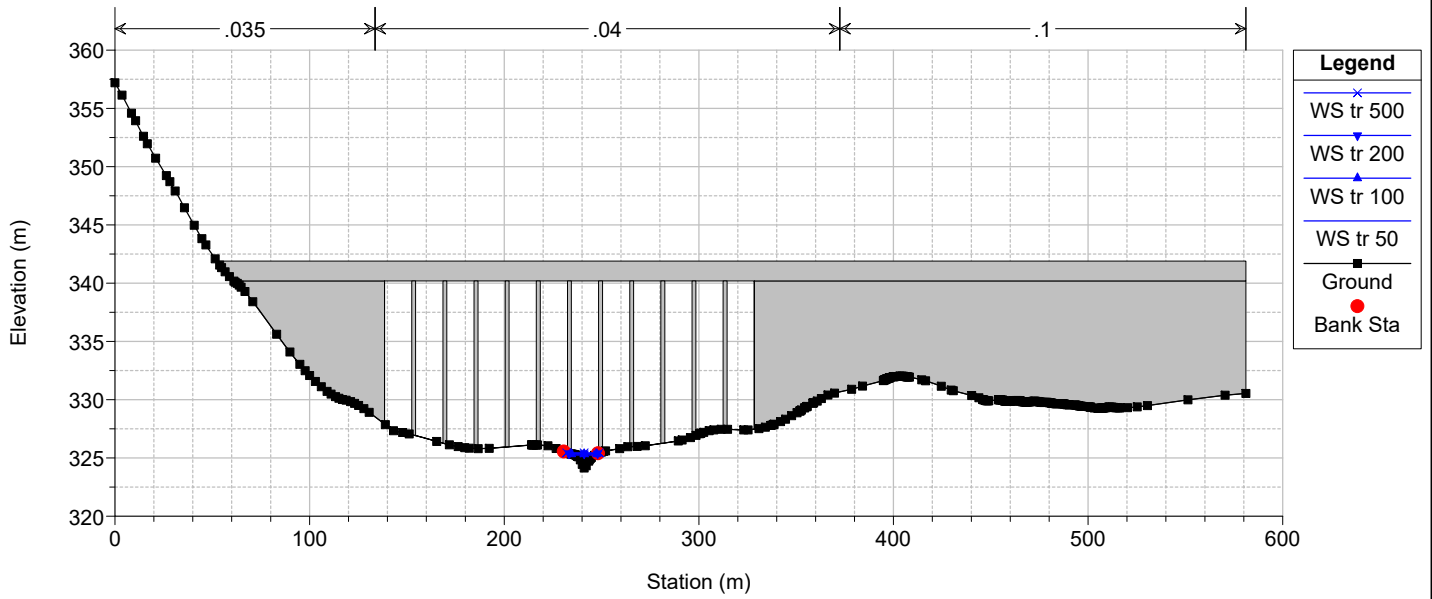
River = Rio Galaru Reach = Monte RS = 2337 BR Ferroviario COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

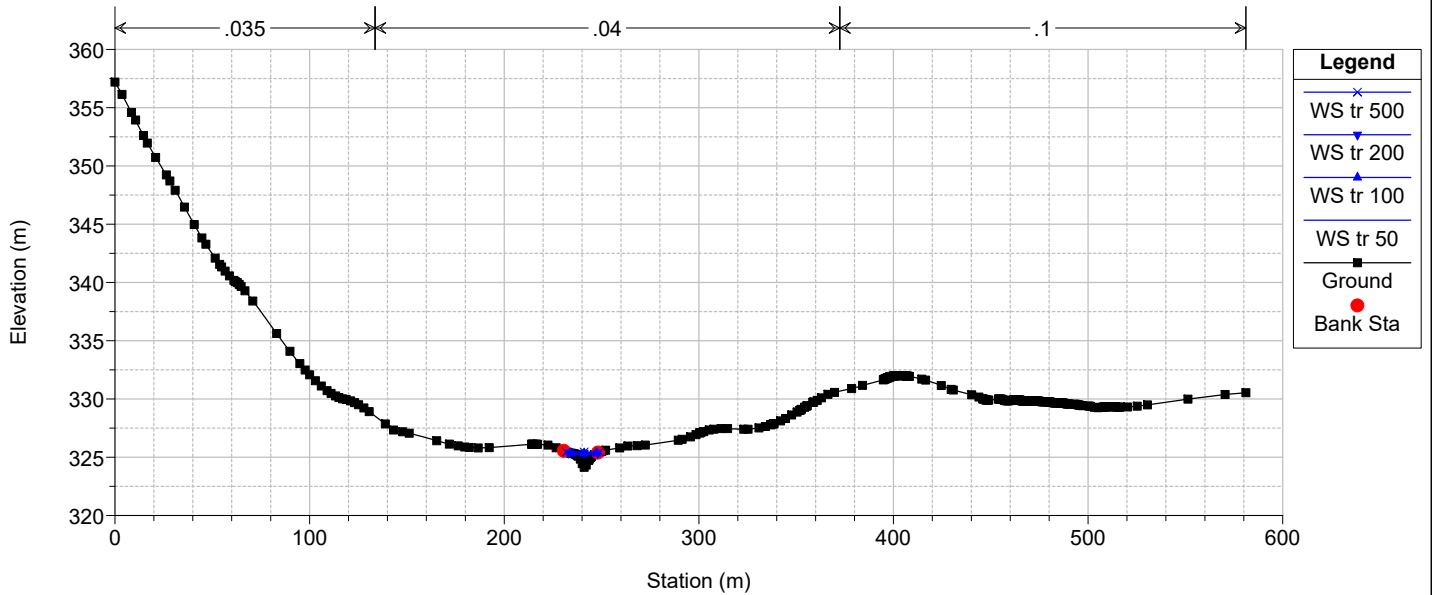
River = Rio Galaru Reach = Monte RS = 2337 BR Ferroviario COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

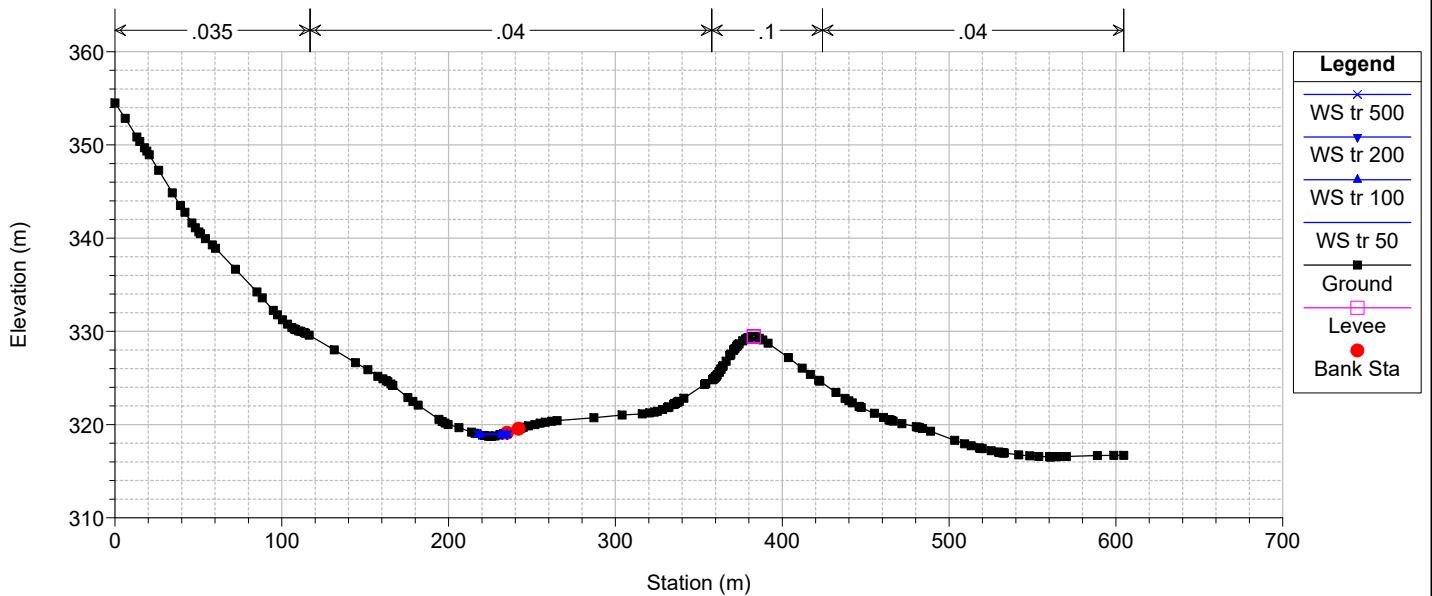
River = Rio Galaru Reach = Monte RS = 2329 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

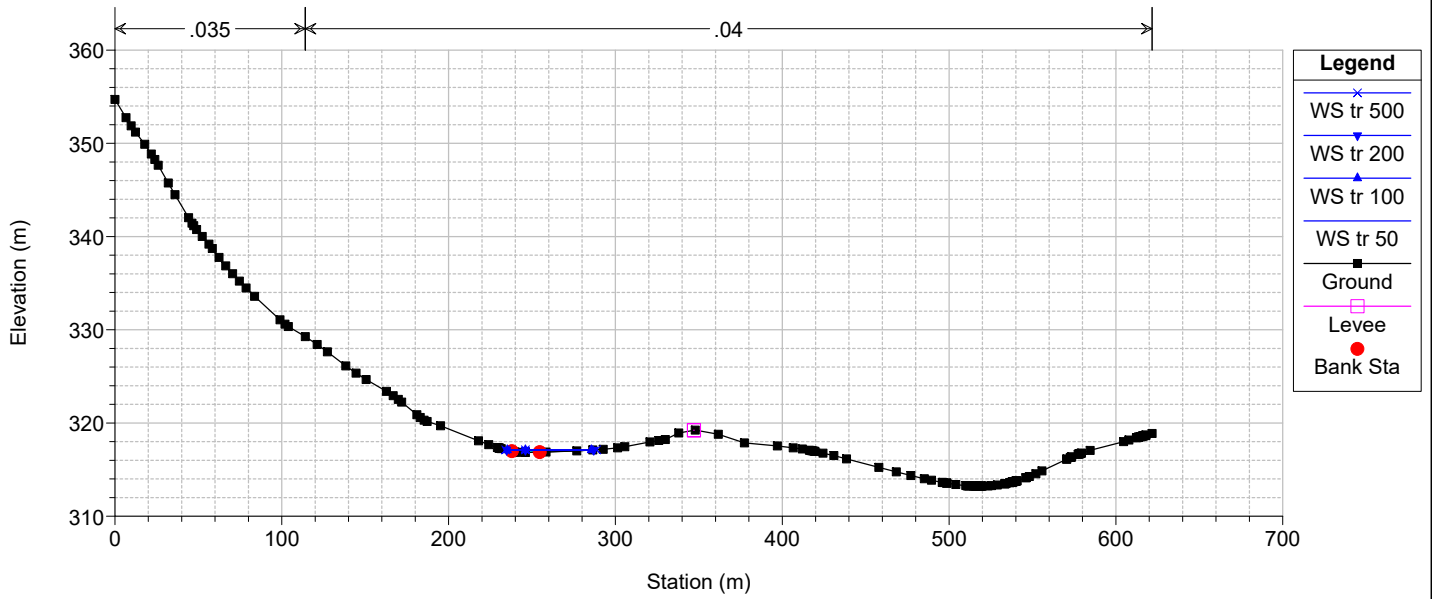
River = Rio Galaru Reach = Monte RS = 2275 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

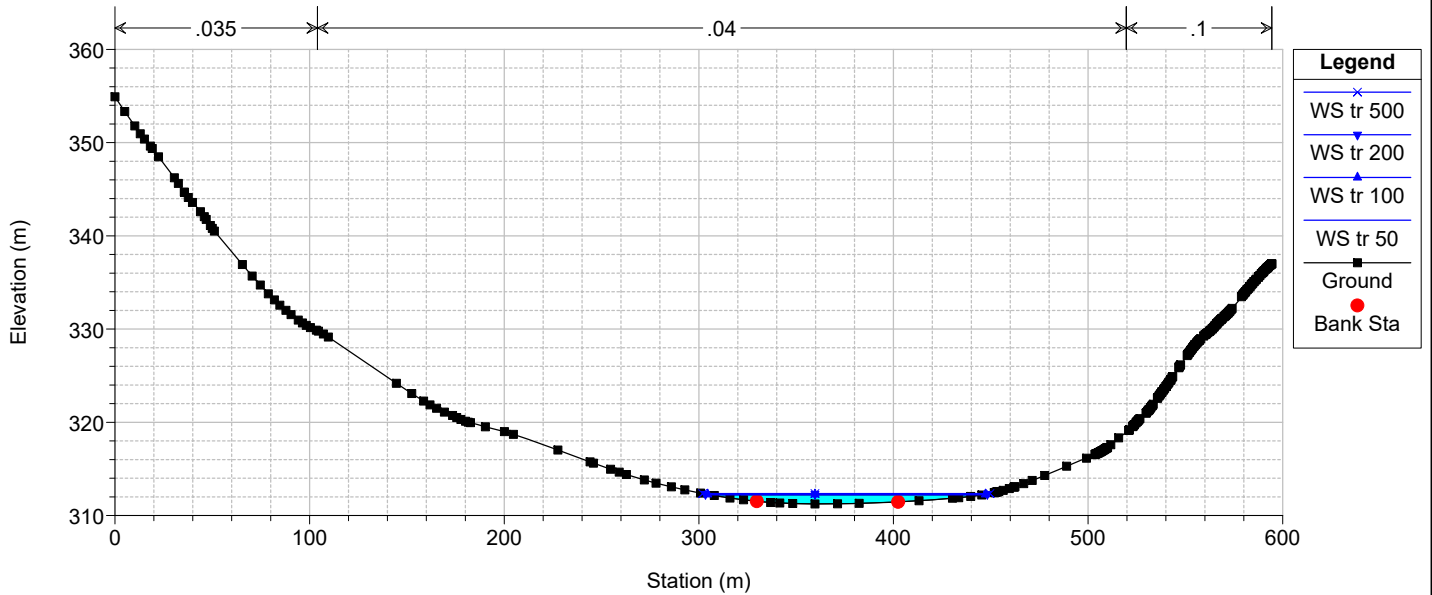
River = Rio Galaru Reach = Monte RS = 2241 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

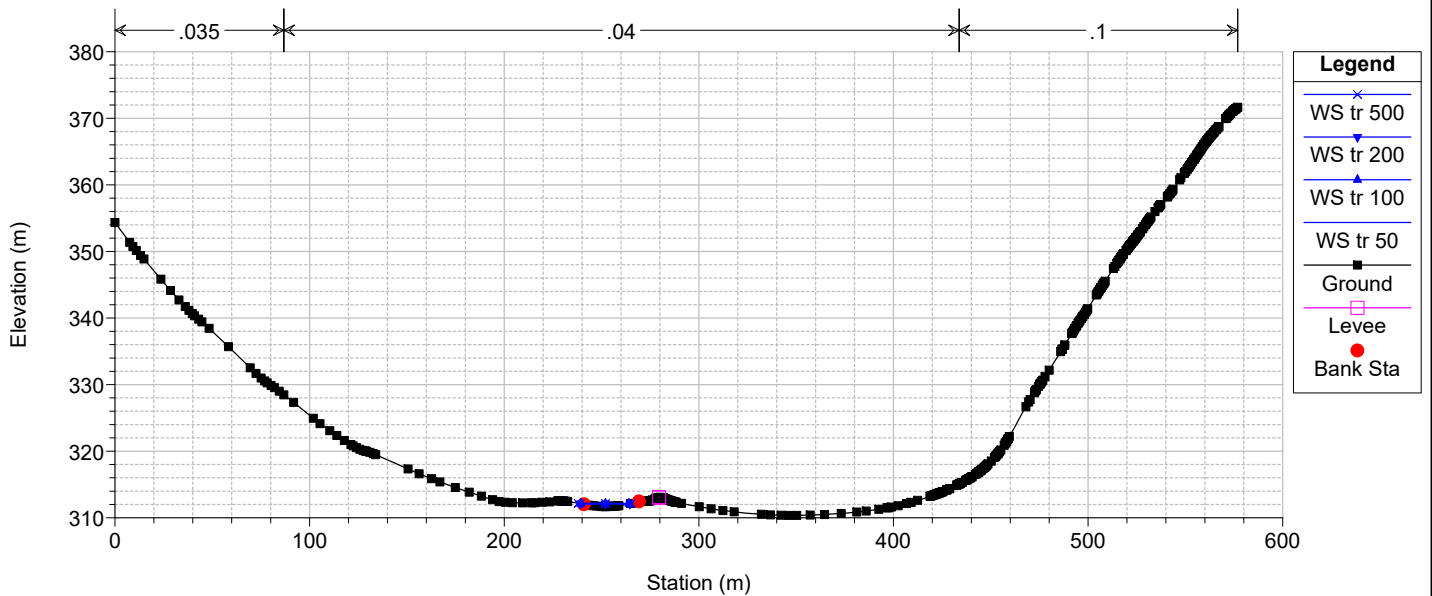
River = Rio Galaru Reach = Monte RS = 2194 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

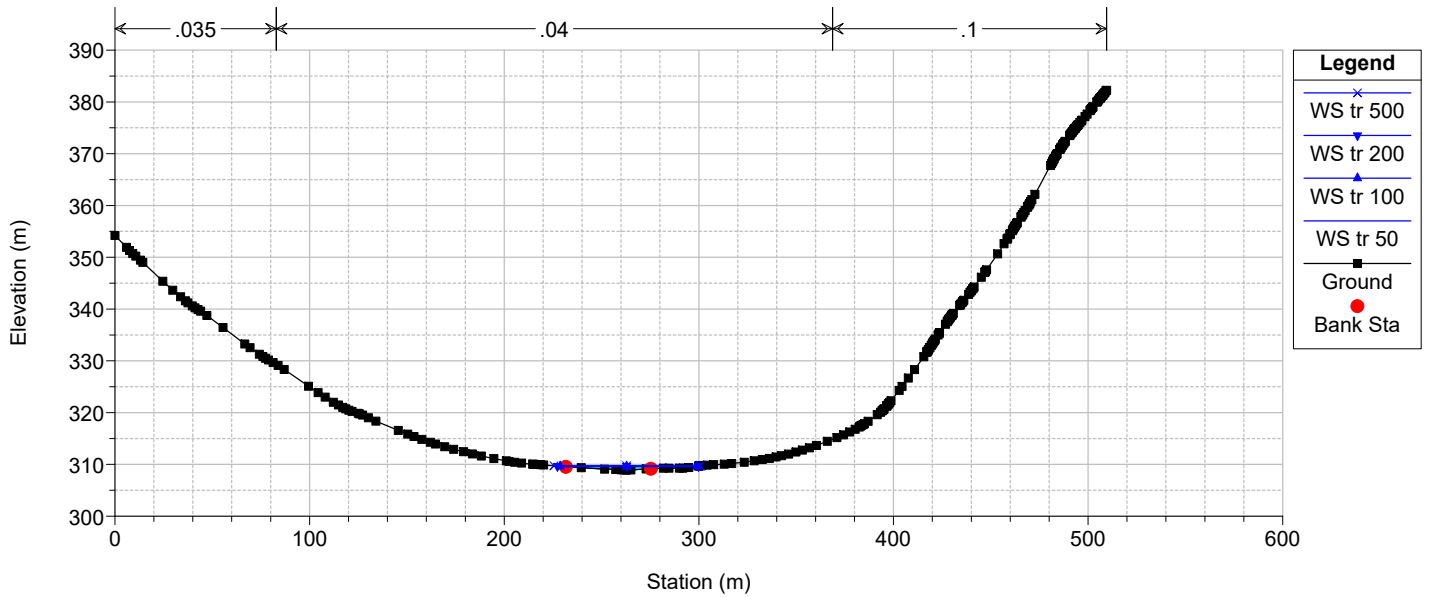
River = Rio Galaru Reach = Monte RS = 2133 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

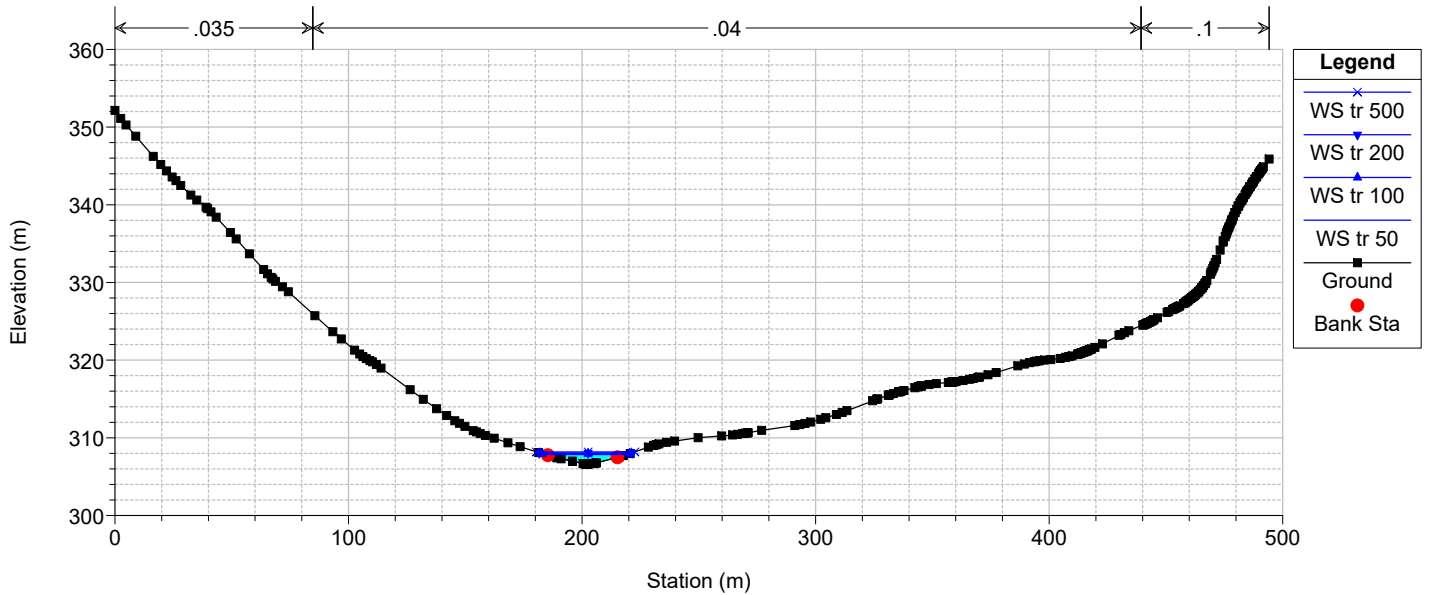
River = Rio Galaru Reach = Monte RS = 2074 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

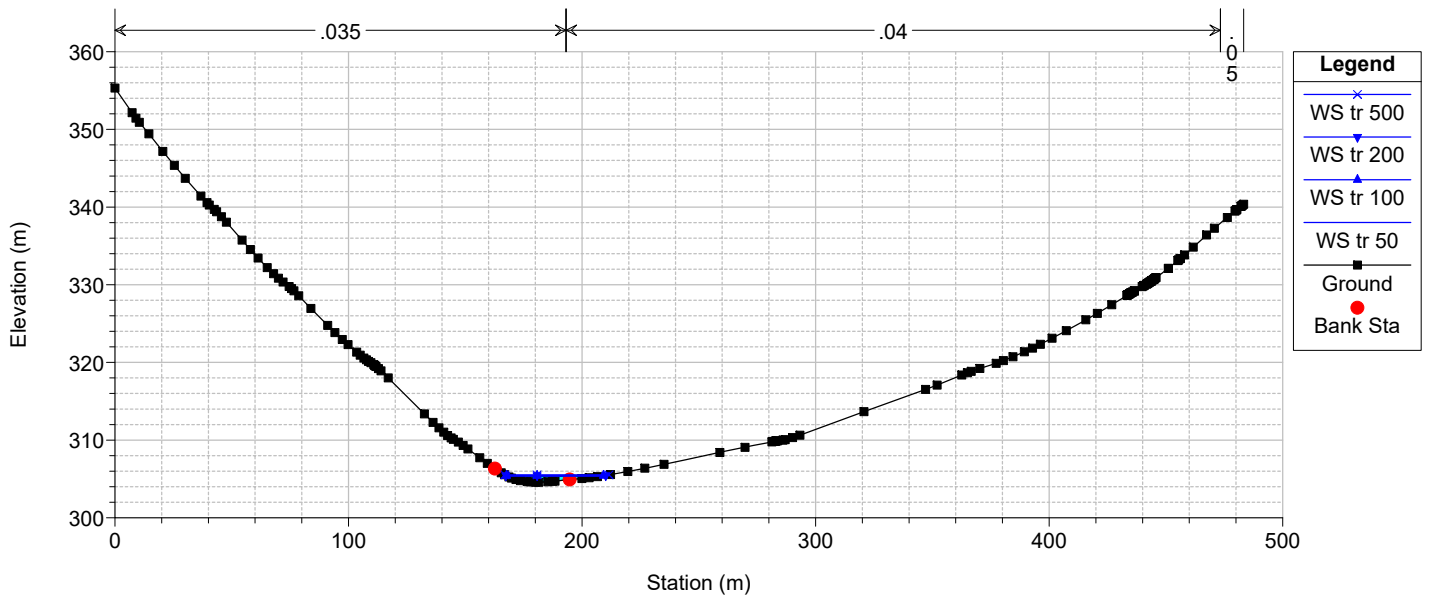
River = Rio Galaru Reach = Monte RS = 1975 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

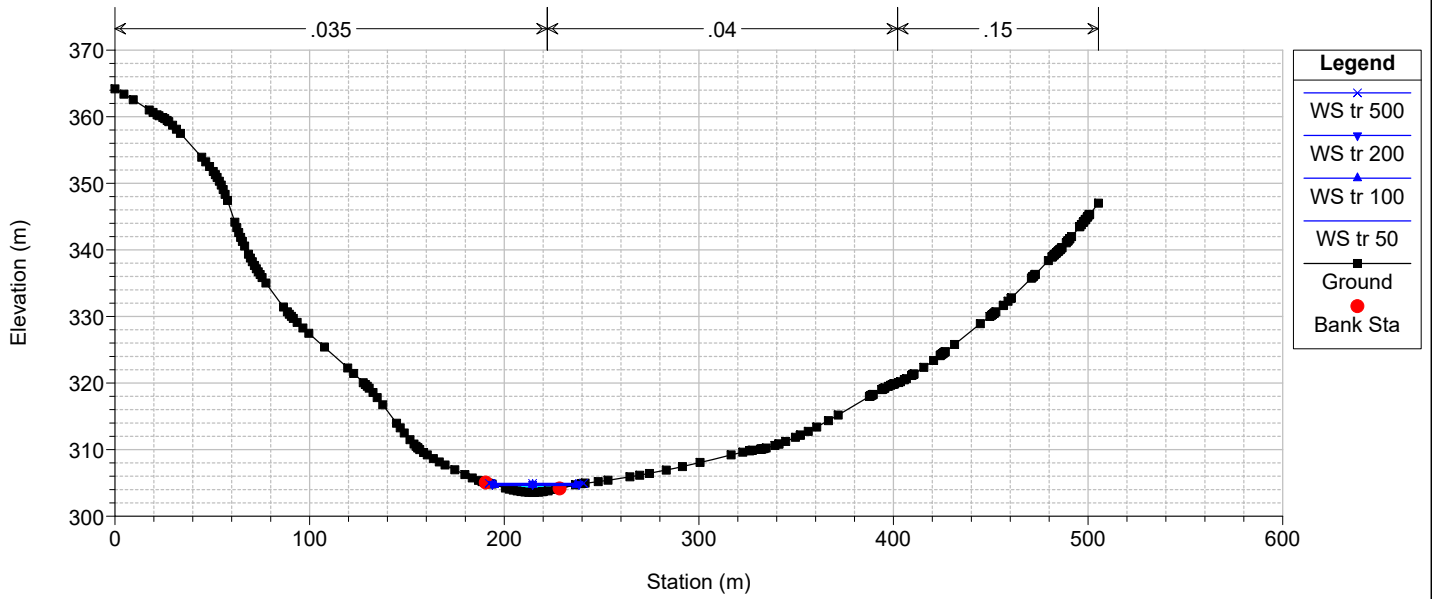
River = Rio Galaru Reach = Monte RS = 1878 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

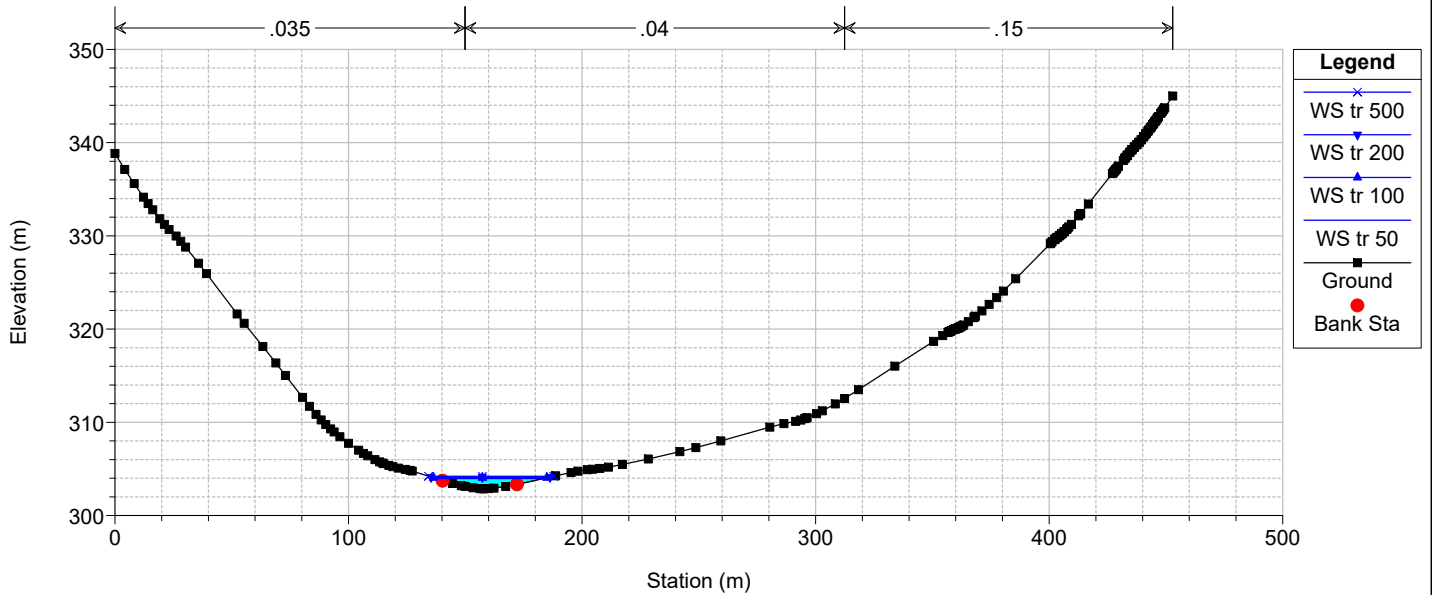
River = Rio Galaru Reach = Monte RS = 1764 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

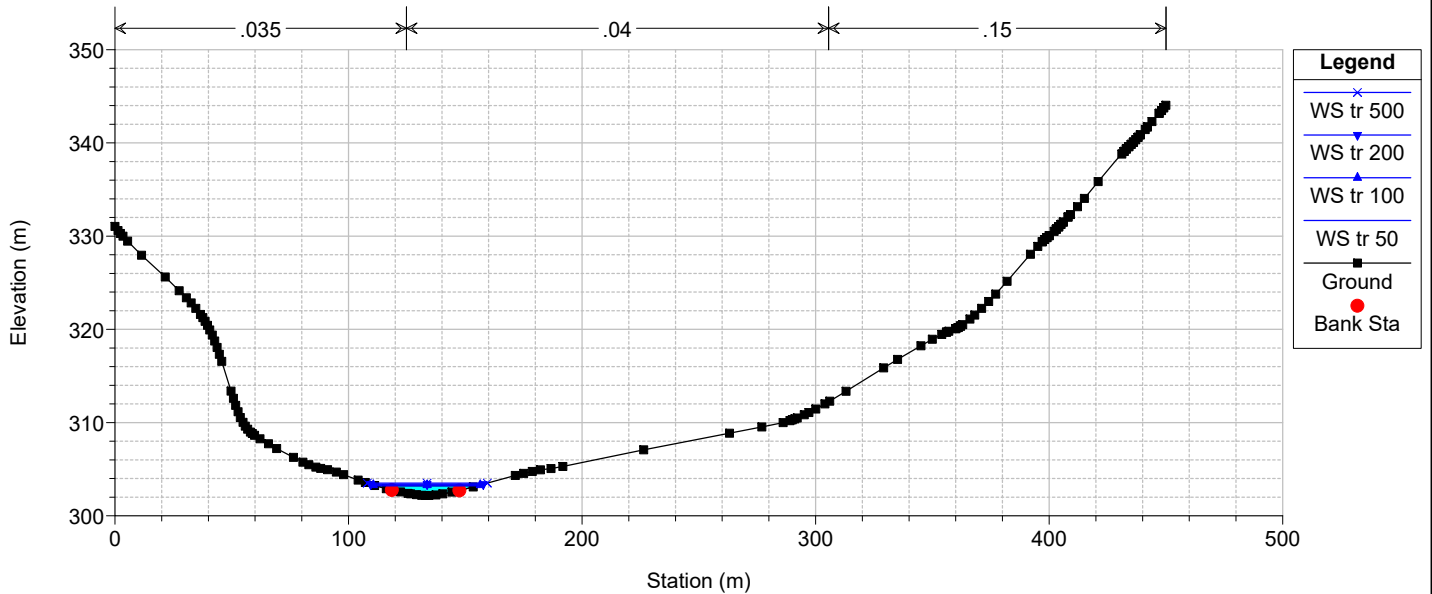
River = Rio Galaru Reach = Monte RS = 1700 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

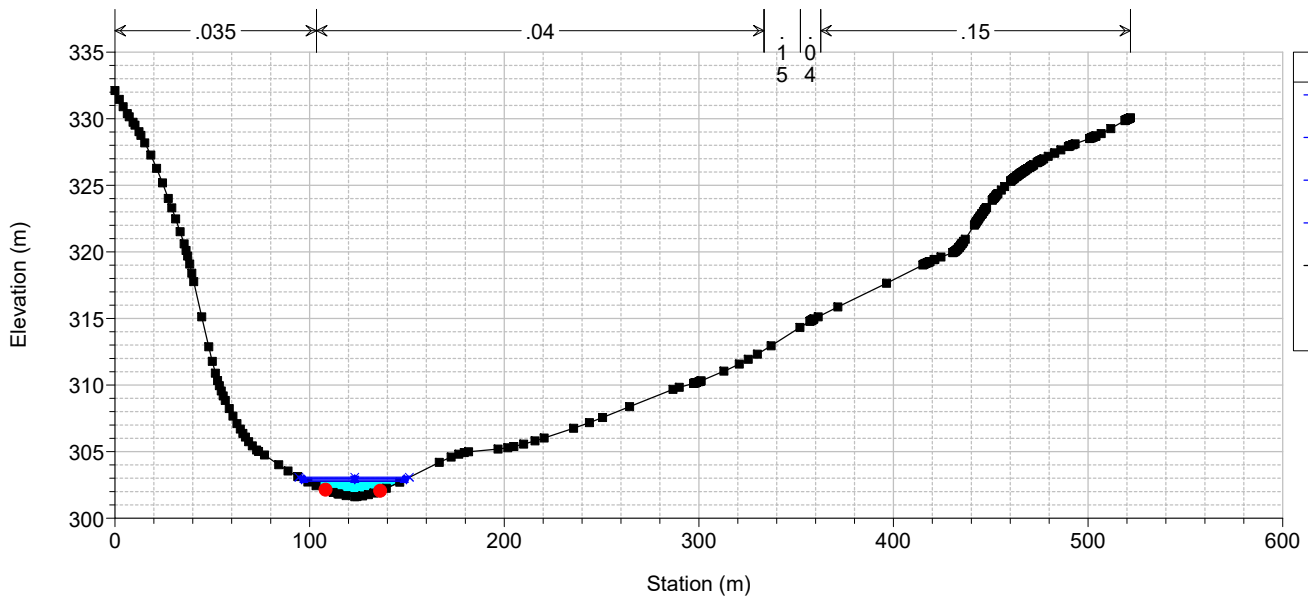
River = Rio Galaru Reach = Monte RS = 1641 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

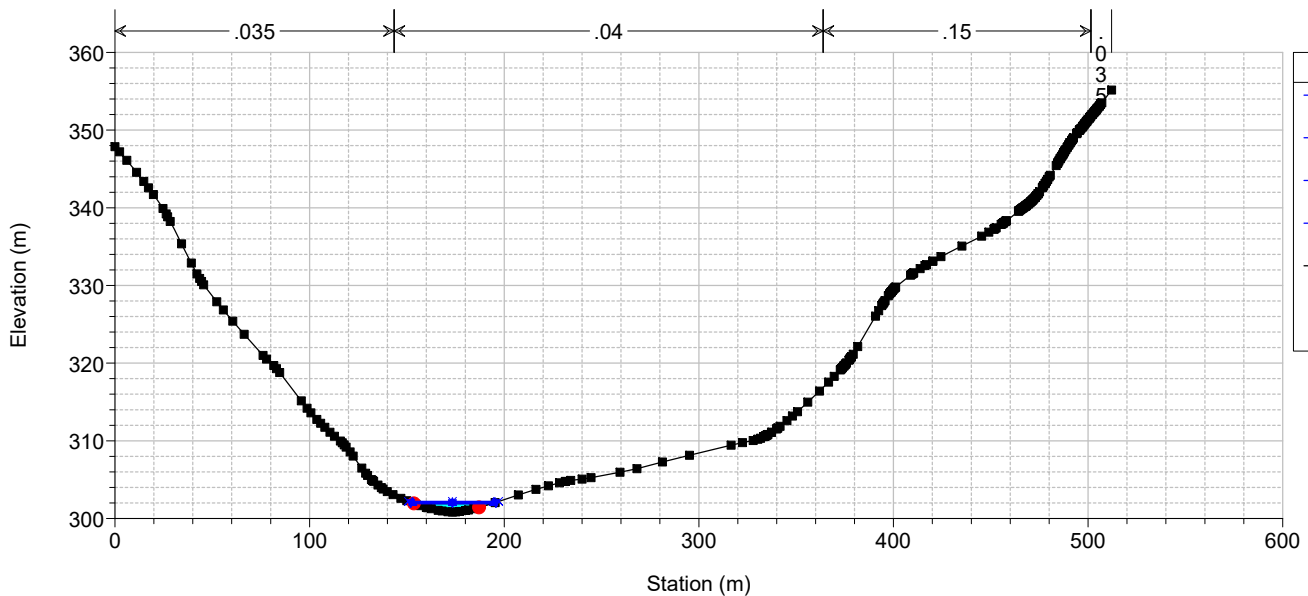
River = Rio Galaru Reach = Monte RS = 1590 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

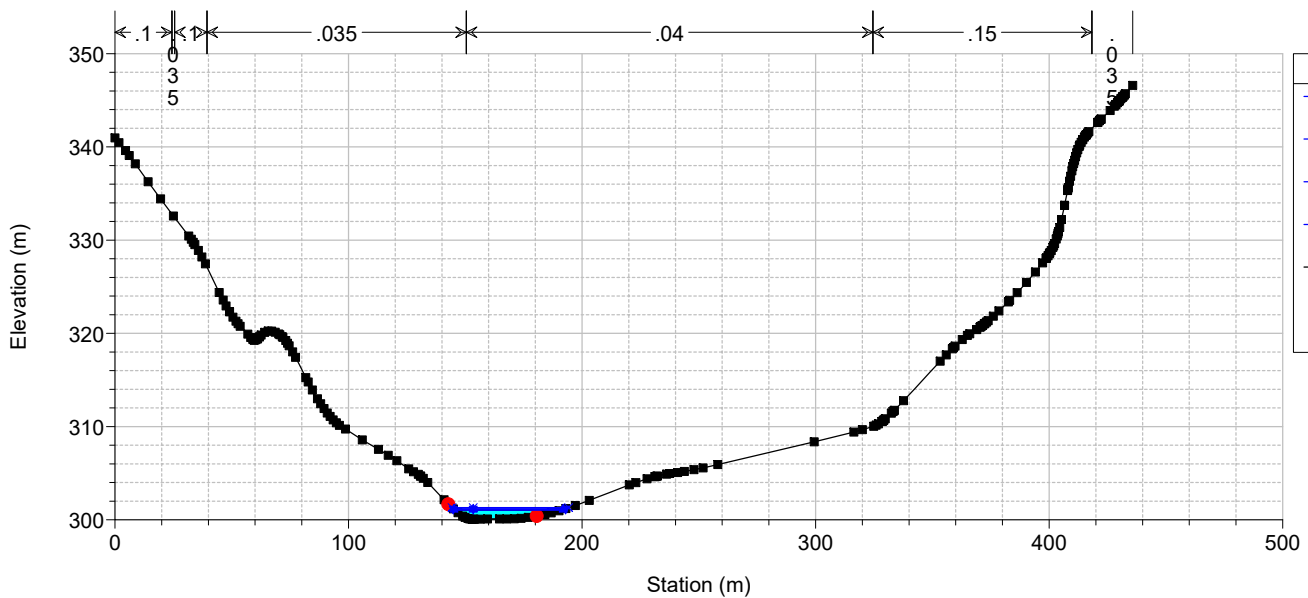
River = Rio Galaru Reach = Monte RS = 1519 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

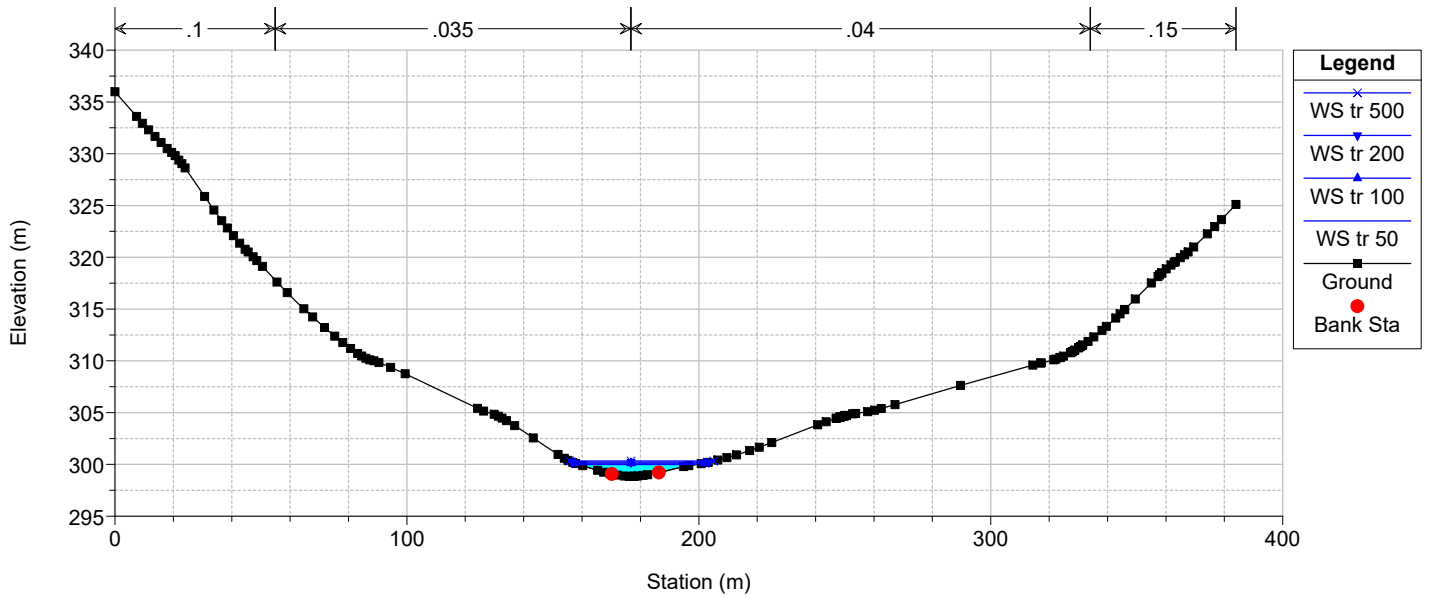
River = Rio Galaru Reach = Monte RS = 1451 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

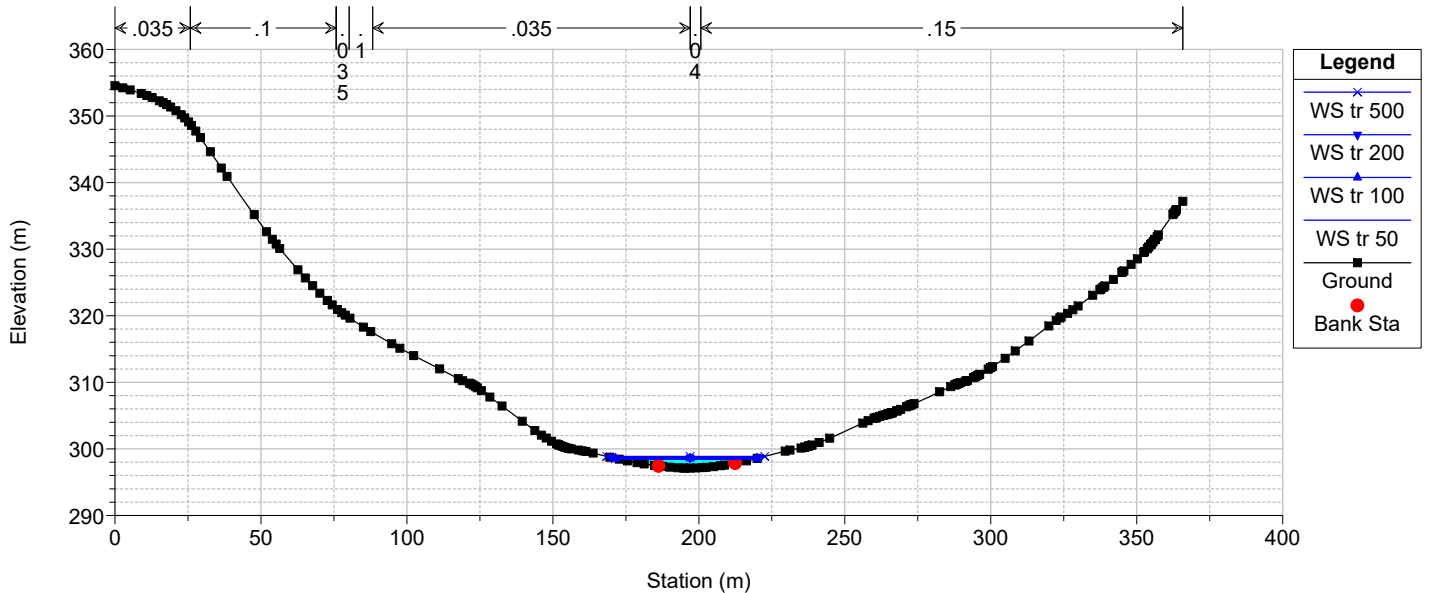
River = Rio Galaru Reach = Monte RS = 1362 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

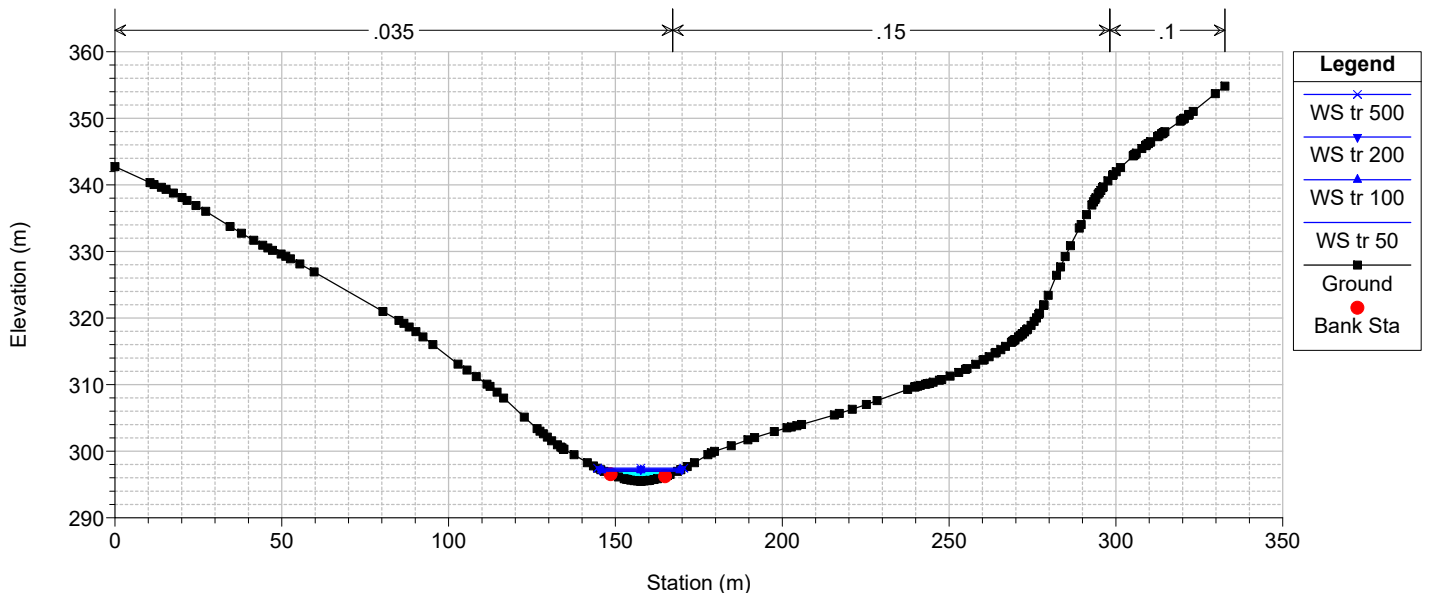
River = Rio Galaru Reach = Monte RS = 1233 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

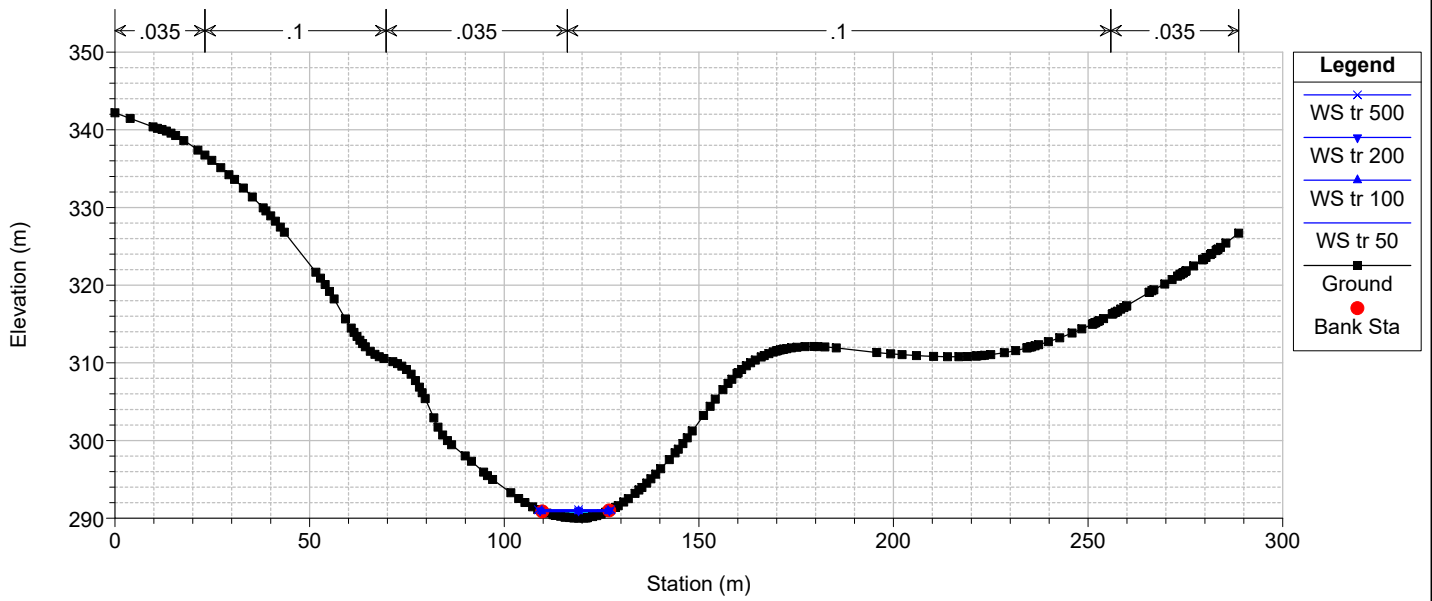
River = Rio Galaru Reach = Monte RS = 1107 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

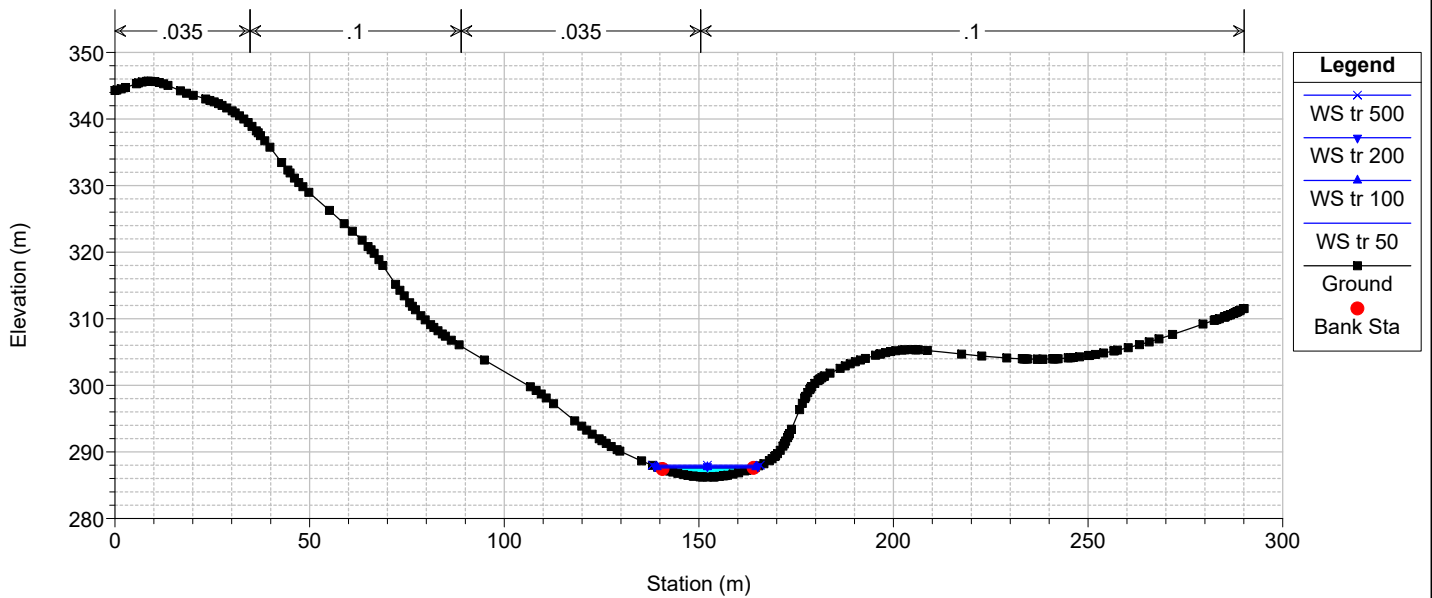
River = Rio Galaru Reach = Monte RS = 985 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

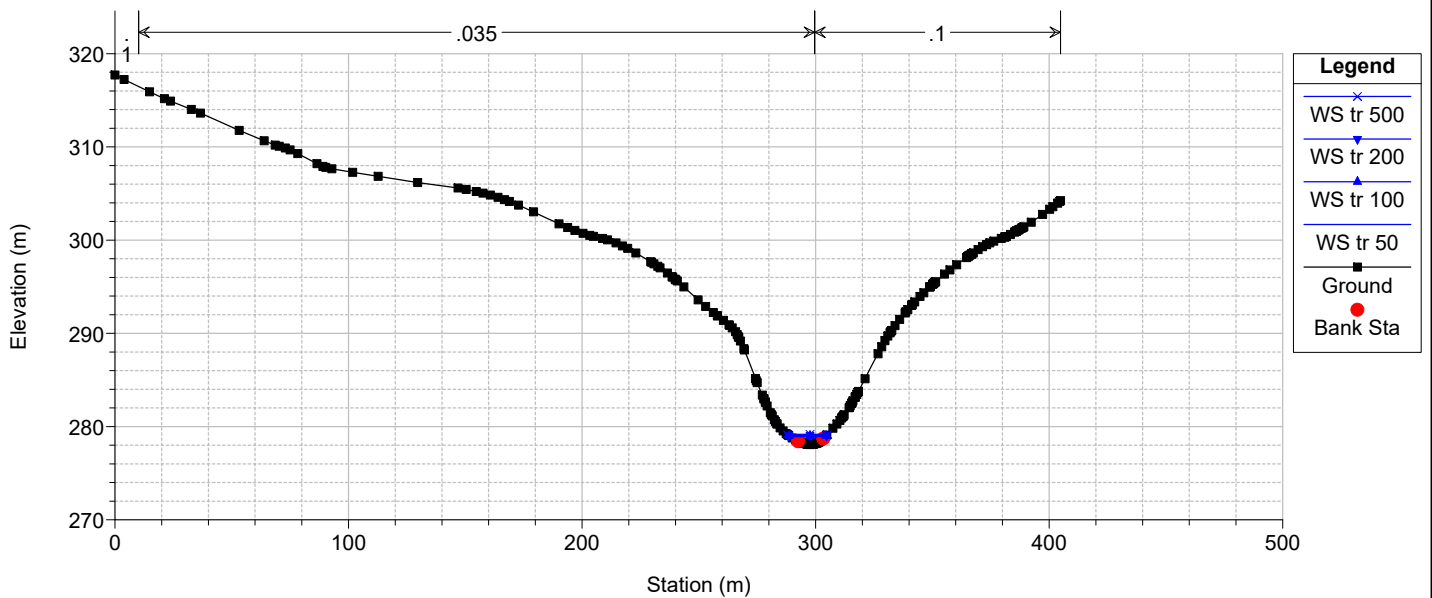
River = Rio Galaru Reach = Monte RS = 912 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

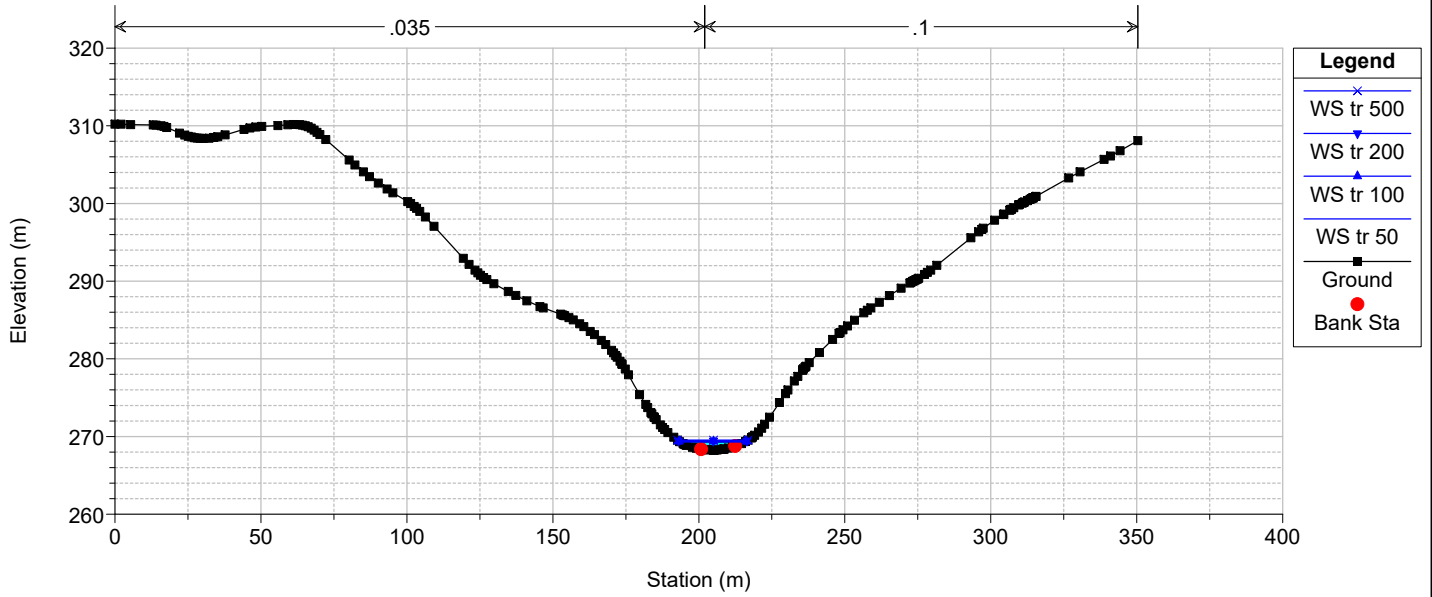
River = Rio Galaru Reach = Monte RS = 830 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

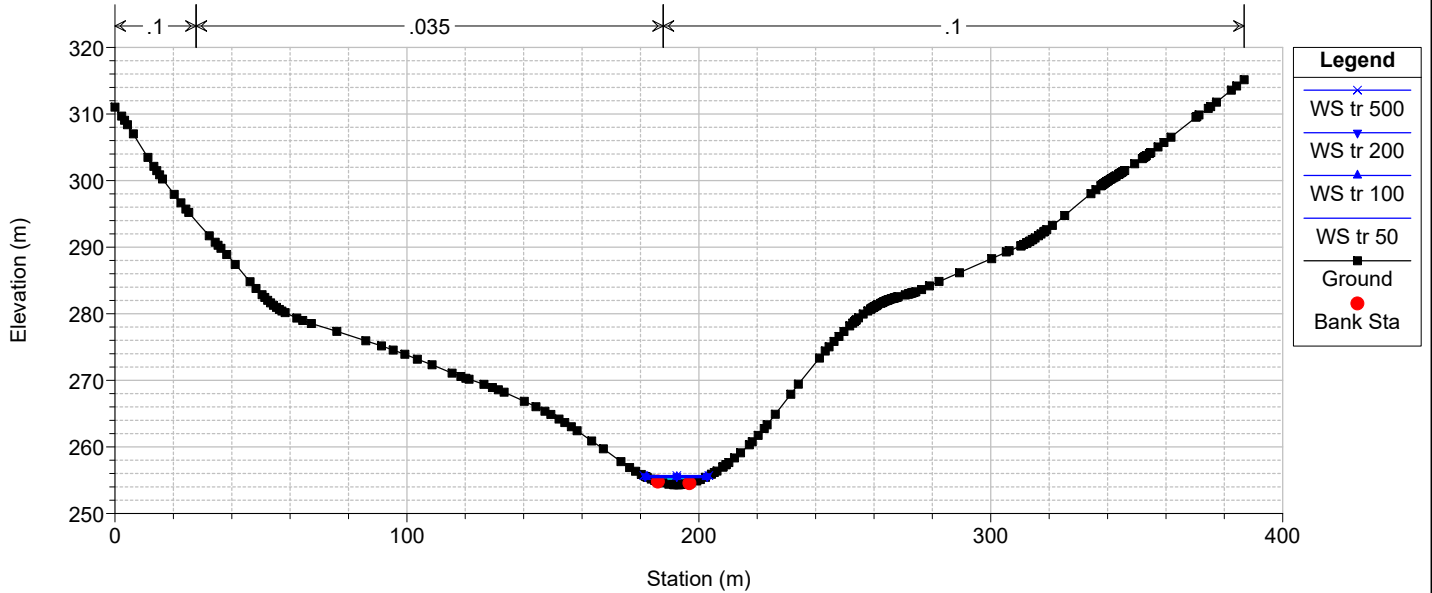
River = Rio Galaru Reach = Monte RS = 747 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

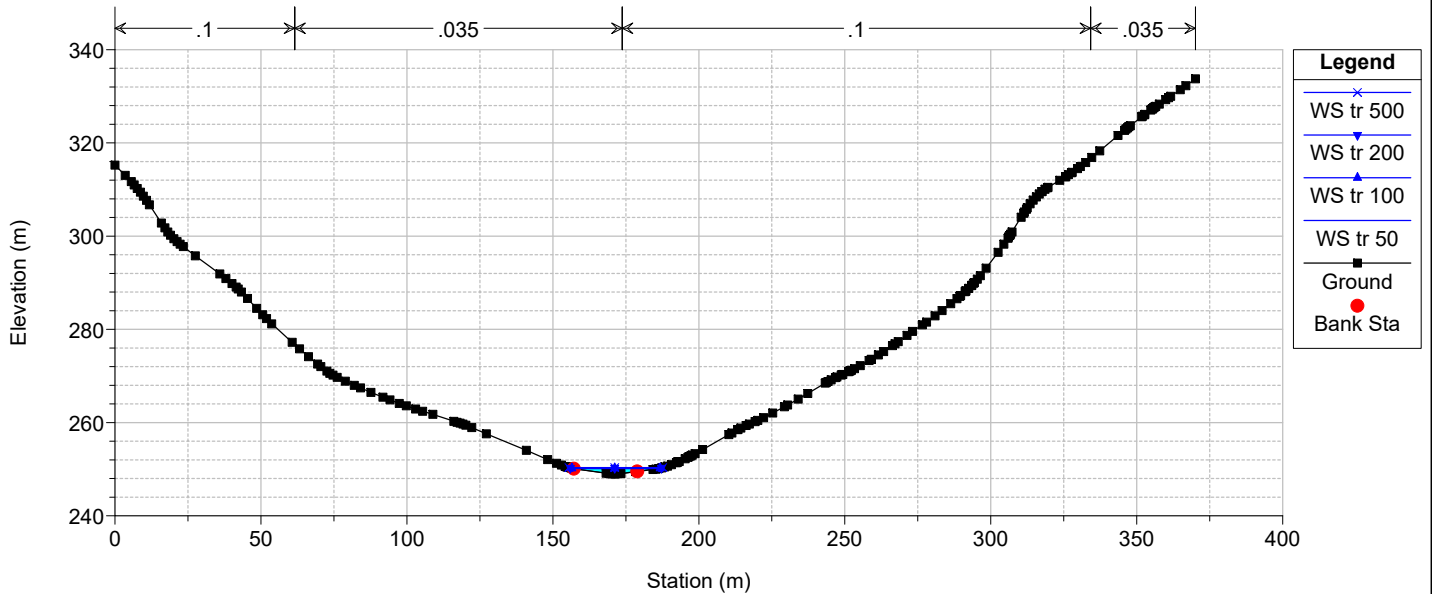
River = Rio Galaru Reach = Monte RS = 646 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

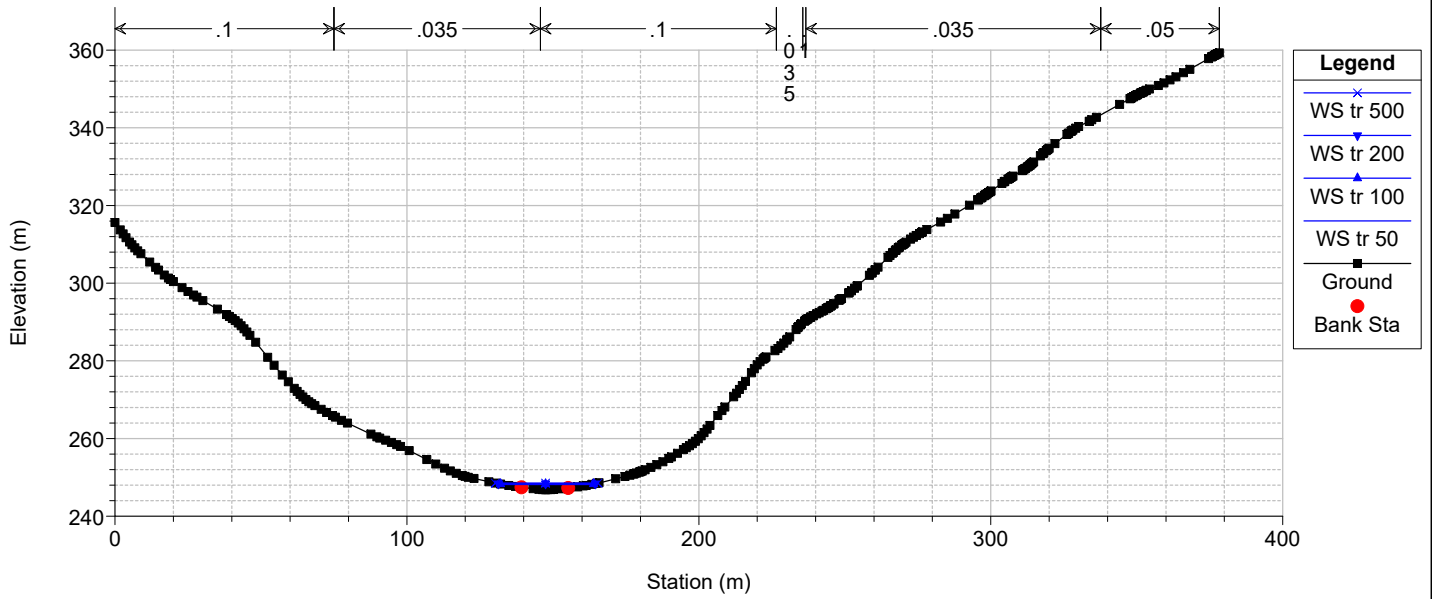
River = Rio Galaru Reach = Monte RS = 575 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

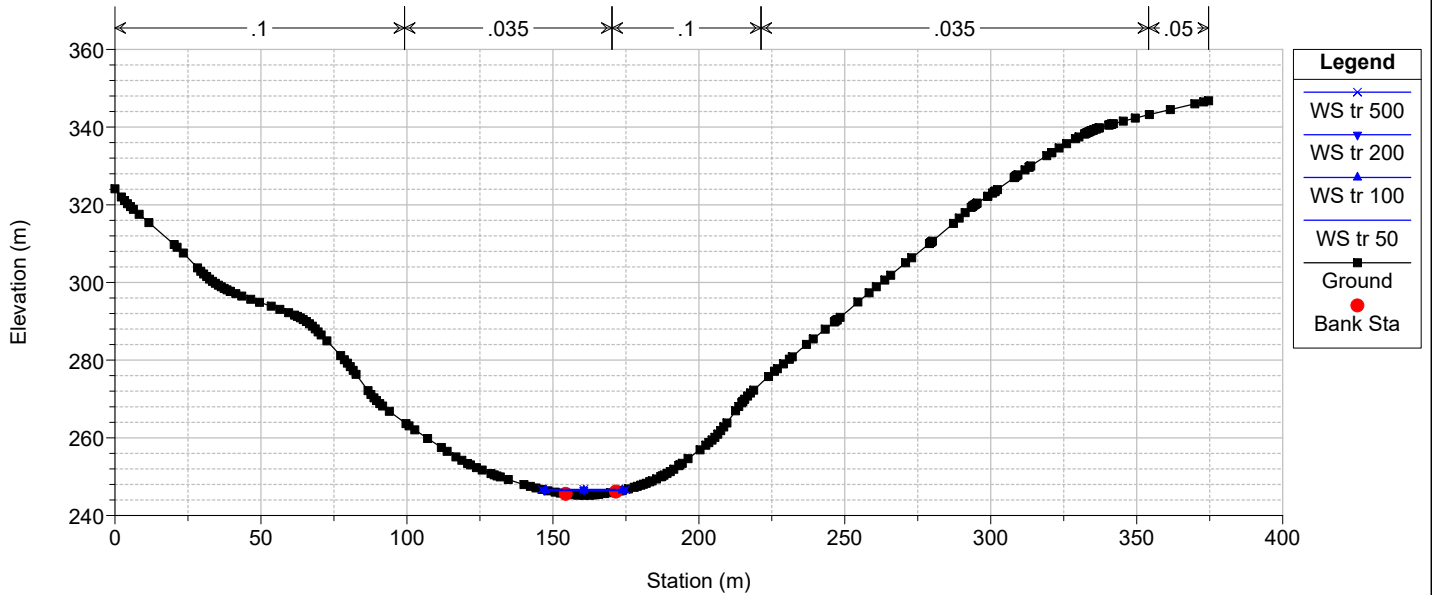
River = Rio Galaru Reach = Monte RS = 486 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

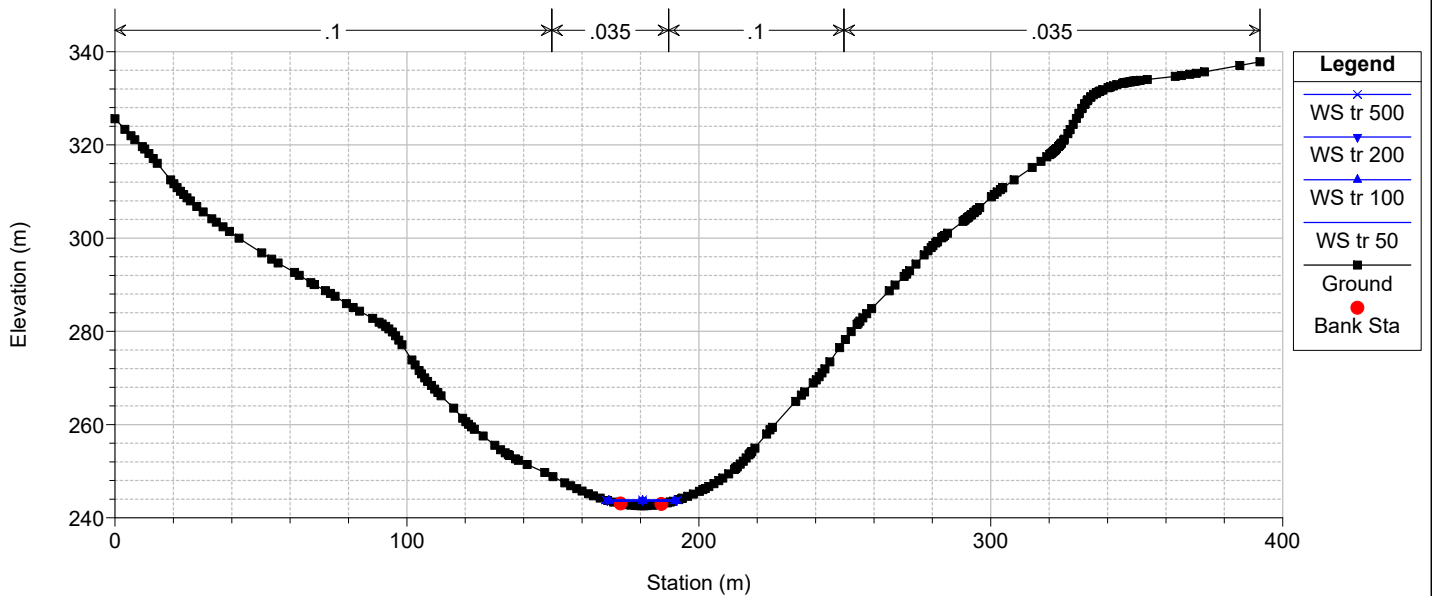
River = Rio Galaru Reach = Monte RS = 420 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

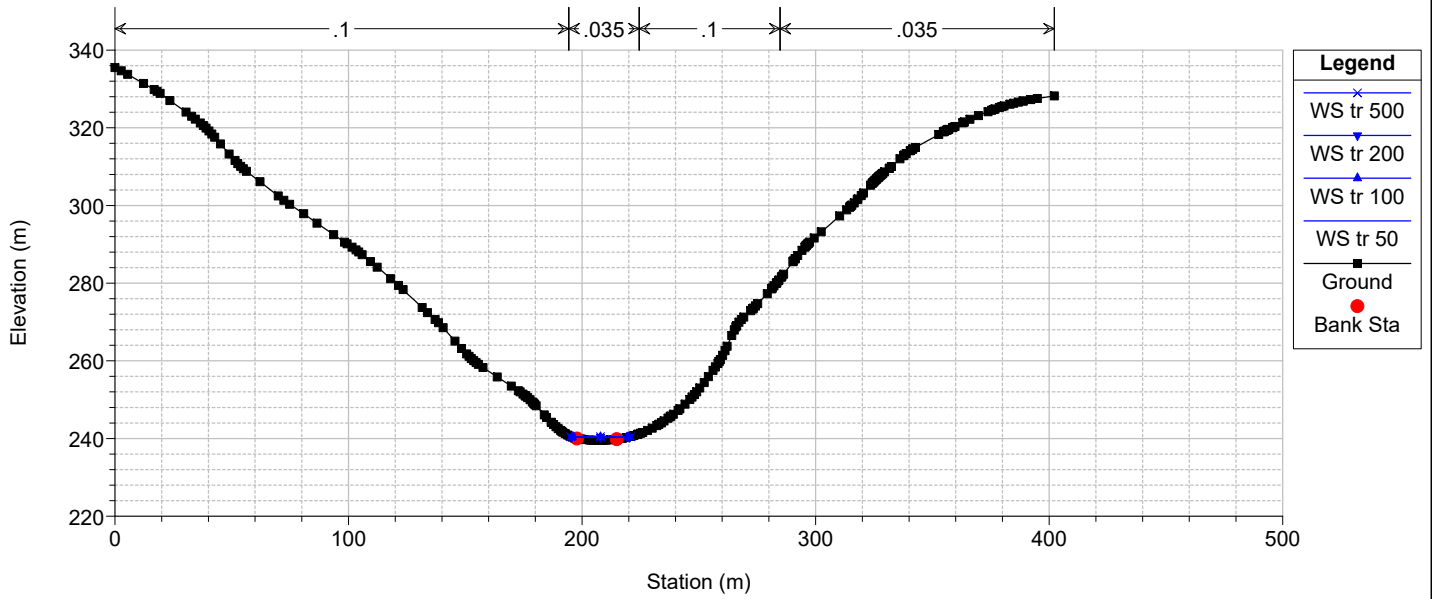
River = Rio Galaru Reach = Monte RS = 339 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

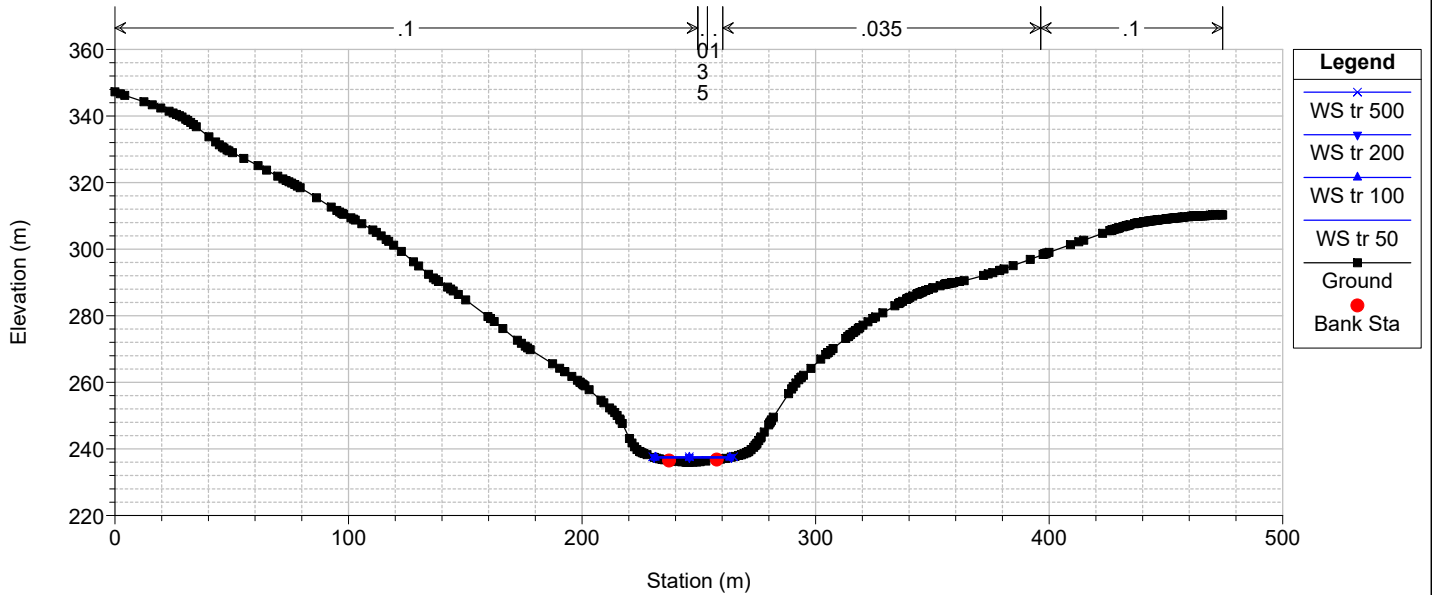
River = Rio Galaru Reach = Monte RS = 285 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

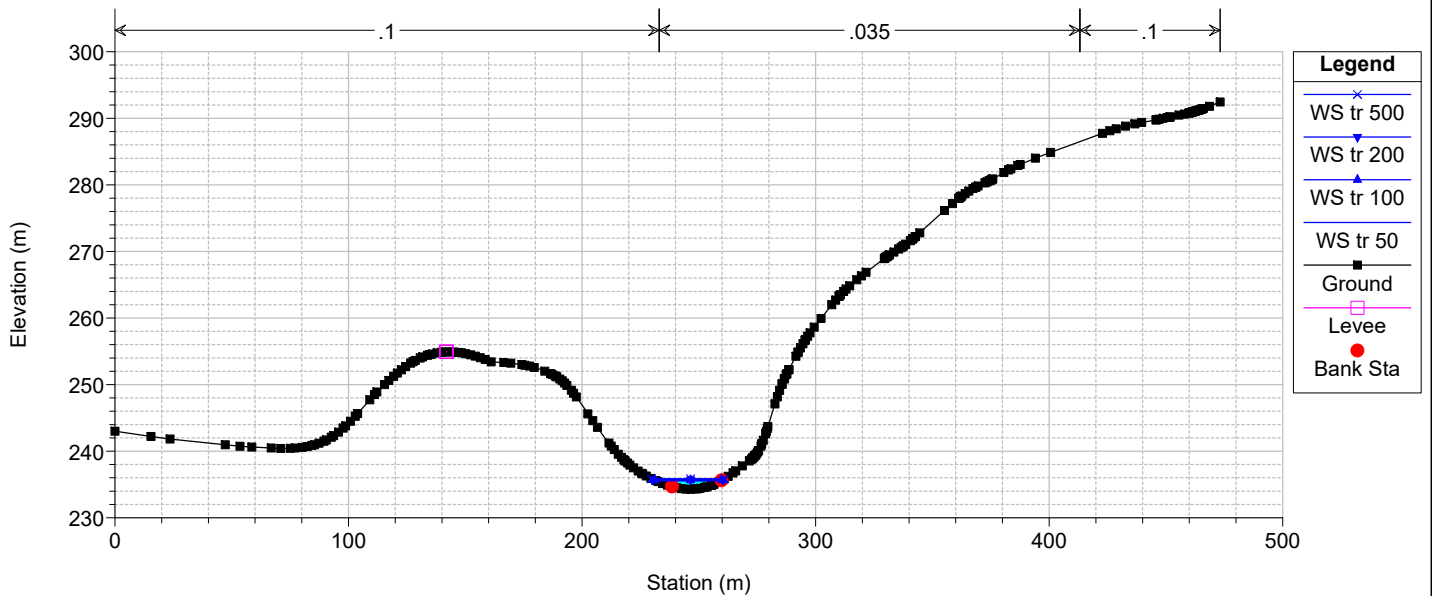
River = Rio Galaru Reach = Monte RS = 204 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio_galaru Flow: rio_galaru

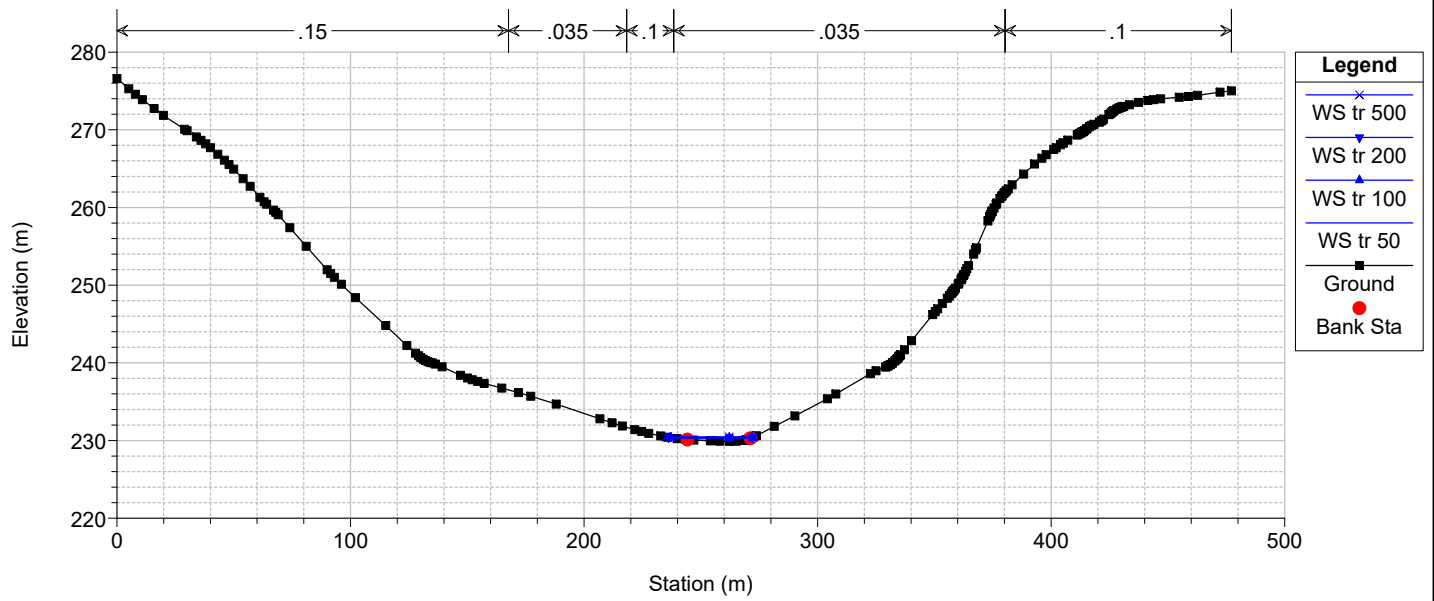
River = Rio Galaru Reach = Monte RS = 117 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



rio_galaru Plan: rio_galaru 2/8/2021

Geom: rio galaru Flow: rio galaru

River = Rio Galaru Reach = Monte RS = 20 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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
Monte	3208	tr 50	9.61	419.77	420.28	420.23	420.39	0.084432	1.44	6.79	21.49	0.78
Monte	3208	tr 100	11.18	419.77	420.31	420.26	420.43	0.088579	1.55	7.37	21.90	0.81
Monte	3208	tr 200	12.80	419.77	420.29	420.29	420.47	0.132262	1.85	7.07	21.68	0.98
Monte	3208	tr 500	15.17	419.77	420.37	420.34	420.53	0.095715	1.79	8.77	22.79	0.86
Monte	3127	tr 50	9.61	411.18	411.69	411.69	411.87	0.135660	1.87	5.20	15.45	0.99
Monte	3127	tr 100	11.18	411.18	411.74	411.74	411.93	0.127478	1.95	5.84	16.13	0.98
Monte	3127	tr 200	12.80	411.18	411.77	411.77	411.98	0.122026	2.02	6.48	16.70	0.97
Monte	3127	tr 500	15.17	411.18	411.83	411.83	412.05	0.115856	2.13	7.37	17.41	0.96
Monte	3027	tr 50	9.61	396.86	397.40	397.42	397.61	0.151078	2.02	4.79	13.44	1.05
Monte	3027	tr 100	11.18	396.86	397.43	397.46	397.67	0.161407	2.18	5.19	13.81	1.10
Monte	3027	tr 200	12.80	396.86	397.46	397.50	397.73	0.169535	2.32	5.60	14.18	1.14
Monte	3027	tr 500	15.17	396.86	397.50	397.56	397.81	0.180140	2.50	6.16	14.68	1.19
Monte	2958	tr 50	9.61	383.94	384.41	384.47	384.67	0.232305	2.28	4.24	13.50	1.27
Monte	2958	tr 100	11.18	383.94	384.45	384.51	384.73	0.214914	2.34	4.81	14.07	1.25
Monte	2958	tr 200	12.80	383.94	384.49	384.56	384.79	0.203615	2.41	5.37	14.61	1.23
Monte	2958	tr 500	15.17	383.94	384.54	384.61	384.86	0.191276	2.50	6.16	15.33	1.21
Monte	2885	tr 50	9.61	375.06	375.65	375.59	375.78	0.081421	1.63	6.09	15.68	0.79
Monte	2885	tr 100	11.18	375.06	375.68	375.63	375.83	0.087756	1.75	6.61	16.25	0.83
Monte	2885	tr 200	12.80	375.06	375.72	375.67	375.89	0.089611	1.84	7.22	16.76	0.84
Monte	2885	tr 500	15.17	375.06	375.77	375.73	375.96	0.092318	1.96	8.04	17.37	0.87
Monte	2796	tr 50	9.61	365.81	366.17	366.17	366.29	0.147976	1.62	6.41	27.82	0.99
Monte	2796	tr 100	11.18	365.81	366.20	366.20	366.32	0.134692	1.64	7.37	29.14	0.96
Monte	2796	tr 200	12.80	365.81	366.23	366.23	366.36	0.131742	1.69	8.17	30.16	0.96
Monte	2796	tr 500	15.17	365.81	366.26	366.26	366.41	0.127697	1.77	9.29	31.34	0.96
Monte	2736	tr 50	9.61	359.76	360.27	360.17	360.34	0.056493	1.21	8.31	24.84	0.64
Monte	2736	tr 100	11.18	359.76	360.30	360.20	360.38	0.057224	1.29	9.11	25.42	0.65
Monte	2736	tr 200	12.80	359.76	360.33	360.23	360.42	0.059053	1.37	9.84	25.94	0.67
Monte	2736	tr 500	15.17	359.76	360.37	360.27	360.47	0.059849	1.47	10.93	26.70	0.69
Monte	2691	tr 50	9.61	355.98	356.53	356.53	356.71	0.122826	1.89	5.31	15.32	0.96
Monte	2691	tr 100	11.18	355.98	356.57	356.57	356.76	0.119138	1.98	5.92	15.91	0.96
Monte	2691	tr 200	12.80	355.98	356.62	356.62	356.82	0.112871	2.05	6.60	16.55	0.95
Monte	2691	tr 500	15.17	355.98	356.67	356.67	356.89	0.109416	2.16	7.48	17.32	0.95
Monte	2595	tr 50	9.61	342.56	342.99	343.01	343.16	0.164669	1.86	5.45	19.21	1.07
Monte	2595	tr 100	11.18	342.56	343.02	343.04	343.20	0.170915	1.96	5.97	19.85	1.10
Monte	2595	tr 200	12.80	342.56	343.04	343.07	343.25	0.183012	2.09	6.42	20.38	1.14
Monte	2595	tr 500	15.17	342.56	343.08	343.12	343.31	0.190902	2.23	7.12	21.13	1.18
Monte	2542	tr 50	9.61	338.20	338.60	338.68	338.87	0.047933	2.34	4.25	17.24	1.41
Monte	2542	tr 100	11.18	338.20	338.63	338.71	338.92	0.046925	2.44	4.78	18.07	1.42
Monte	2542	tr 200	12.80	338.20	338.66	338.75	338.97	0.045295	2.52	5.35	18.87	1.41
Monte	2542	tr 500	15.17	338.20	338.70	338.79	339.04	0.044350	2.63	6.11	19.87	1.41
Monte	2492	tr 50	9.61	335.02	335.28	335.39	335.61	0.094187	2.58	3.85	21.73	1.87
Monte	2492	tr 100	11.18	335.02	335.30	335.42	335.67	0.096624	2.73	4.25	22.49	1.91
Monte	2492	tr 200	12.80	335.02	335.32	335.44	335.73	0.100910	2.89	4.60	23.12	1.97
Monte	2492	tr 500	15.17	335.02	335.34	335.48	335.80	0.103260	3.07	5.14	23.96	2.02
Monte	2422	tr 50	9.61	329.04	329.59	329.75	330.12	0.065402	3.28	3.02	9.54	1.76
Monte	2422	tr 100	11.18	329.04	329.63	329.81	330.19	0.063643	3.39	3.40	10.08	1.76
Monte	2422	tr 200	12.80	329.04	329.67	329.85	330.26	0.061343	3.48	3.82	10.72	1.74
Monte	2422	tr 500	15.17	329.04	329.71	329.92	330.36	0.059829	3.63	4.37	11.55	1.75
Monte	2375	tr 50	9.61	326.45	326.91	327.03	327.30	0.053031	2.77	3.46	12.30	1.67
Monte	2375	tr 100	11.18	326.45	326.93	327.07	327.37	0.054500	2.93	3.82	12.76	1.71
Monte	2375	tr 200	12.80	326.45	326.96	327.11	327.44	0.056491	3.08	4.16	13.23	1.75
Monte	2375	tr 500	15.17	326.45	327.00	327.17	327.55	0.057909	3.28	4.63	13.94	1.79
Monte	2348	tr 50	9.61	324.99	325.75	325.49	325.79	0.002847	0.96	10.25	21.84	0.42
Monte	2348	tr 100	11.18	324.99	325.79	325.53	325.85	0.002844	1.02	11.33	22.78	0.43
Monte	2348	tr 200	12.80	324.99	325.84	325.57	325.90	0.002891	1.08	12.35	23.64	0.44
Monte	2348	tr 500	15.17	324.99	325.90	325.62	325.96	0.002938	1.15	13.80	24.80	0.45
Monte	2337	Ferrovioario	Bridge									
Monte	2329	tr 50	9.61	324.14	325.25	325.25	325.48	0.021343	2.13	4.52	9.87	1.00
Monte	2329	tr 100	11.18	324.14	325.33	325.33	325.54	0.021742	2.06	5.42	12.68	1.01
Monte	2329	tr 200	12.80	324.14	325.39	325.39	325.60	0.021683	2.03	6.30	15.07	1.00
Monte	2329	tr 500	15.17	324.14	325.45	325.45	325.67	0.020904	2.09	7.29	17.02	1.00
Monte	2275	tr 50	9.61	319.12	318.92	319.18	321.49	1.512168		1.35	12.18	0.00
Monte	2275	tr 100	11.18	319.12	318.93	319.21	321.58	1.394845		1.55	12.85	0.00
Monte	2275	tr 200	12.80	319.12	318.96	319.24	321.27	1.035024		1.90	13.96	0.00
Monte	2275	tr 500	15.17	319.12	319.00	319.28	321.02	0.755217		2.41	15.41	0.00
Monte	2241	tr 50	9.61	316.84	317.08	317.10	317.18	0.034335	1.64	7.08	48.72	1.14
Monte	2241	tr 100	11.18	316.84	317.09	317.12	317.21	0.035295	1.73	7.79	50.44	1.17
Monte	2241	tr 200	12.80	316.84	317.11	317.14	317.23	0.034334	1.79	8.66	52.30	1.17
Monte	2241	tr 500	15.17	316.84	317.13	317.16	317.27	0.034015	1.89	9.78	54.44	1.18
Monte	2194	tr 50	9.61	311.24	312.22	311.44	312.22	0.000025	0.12	93.84	140.52	0.04
Monte	2194	tr 100	11.18	311.24	312.26	311.45	312.27	0.000028	0.13	99.86	142.71	0.04

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
Monte	2194	tr 200	12.80	311.24	312.31	311.47	312.31	0.000031	0.14	105.76	144.83	0.04
Monte	2194	tr 500	15.17	311.24	312.36	311.49	312.36	0.000036	0.15	113.78	147.65	0.05
Monte	2133	tr 50	9.61	311.67	312.07	312.07	312.20	0.023959	1.60	6.03	23.56	0.99
Monte	2133	tr 100	11.18	311.67	312.10	312.10	312.25	0.023086	1.66	6.76	24.71	0.99
Monte	2133	tr 200	12.80	311.67	312.13	312.13	312.28	0.022400	1.72	7.51	25.83	0.98
Monte	2133	tr 500	15.17	311.67	312.17	312.17	312.34	0.021456	1.80	8.58	27.26	0.98
Monte	2074	tr 50	64.50	308.92	309.57	309.67	309.94	0.040826	2.80	24.50	67.98	1.39
Monte	2074	tr 100	77.65	308.92	309.62	309.73	310.03	0.039770	2.98	27.84	70.30	1.40
Monte	2074	tr 200	91.05	308.92	309.67	309.79	310.12	0.038782	3.13	31.14	72.51	1.40
Monte	2074	tr 500	109.09	308.92	309.72	309.87	310.23	0.037719	3.32	35.40	75.19	1.41
Monte	1975	tr 50	64.50	306.59	307.85	307.85	308.22	0.016281	2.71	24.31	35.16	0.98
Monte	1975	tr 100	77.65	306.59	307.96	307.96	308.37	0.015155	2.85	28.19	37.49	0.96
Monte	1975	tr 200	91.05	306.59	308.07	308.07	308.50	0.013961	2.95	32.33	39.75	0.94
Monte	1975	tr 500	109.09	306.59	308.19	308.19	308.66	0.013211	3.10	37.37	42.21	0.93
Monte	1878	tr 50	64.50	304.58	305.36	305.56	306.00	0.033457	3.68	19.21	40.11	1.52
Monte	1878	tr 100	77.65	304.58	305.42	305.65	306.17	0.036024	4.01	21.37	41.55	1.60
Monte	1878	tr 200	91.05	304.58	305.46	305.74	306.34	0.038879	4.33	23.31	42.79	1.68
Monte	1878	tr 500	109.09	304.58	305.53	305.84	306.53	0.040670	4.66	26.13	44.54	1.74
Monte	1764	tr 50	64.50	303.56	304.62	304.62	304.96	0.012819	2.60	25.72	39.23	0.96
Monte	1764	tr 100	77.65	303.56	304.72	304.72	305.09	0.012628	2.74	29.65	41.77	0.97
Monte	1764	tr 200	91.05	303.56	304.82	304.82	305.21	0.012175	2.84	33.82	44.49	0.96
Monte	1764	tr 500	109.09	303.56	304.94	304.94	305.36	0.011736	2.95	39.38	48.38	0.96
Monte	1700	tr 50	64.50	302.86	303.96	303.88	304.21	0.009717	2.28	30.32	46.02	0.80
Monte	1700	tr 100	77.65	302.86	304.05	303.97	304.33	0.009912	2.45	34.35	48.60	0.82
Monte	1700	tr 200	91.05	302.86	304.12	304.06	304.45	0.010180	2.61	38.13	50.90	0.84
Monte	1700	tr 500	109.09	302.86	304.21	304.18	304.59	0.010710	2.83	42.65	53.52	0.87
Monte	1641	tr 50	64.50	302.18	303.20	303.20	303.53	0.013500	2.59	26.75	43.20	0.92
Monte	1641	tr 100	77.65	302.18	303.30	303.30	303.66	0.013018	2.73	30.92	45.82	0.92
Monte	1641	tr 200	91.05	302.18	303.39	303.39	303.77	0.012491	2.85	35.15	48.25	0.91
Monte	1641	tr 500	109.09	302.18	303.50	303.50	303.91	0.011792	2.98	40.86	51.35	0.90
Monte	1590	tr 50	64.50	301.61	302.78	302.61	302.98	0.006989	2.06	34.73	48.91	0.66
Monte	1590	tr 100	77.65	301.61	302.88	302.71	303.10	0.006955	2.19	39.71	51.55	0.67
Monte	1590	tr 200	91.05	301.61	302.96	302.80	303.21	0.007059	2.32	44.25	53.86	0.69
Monte	1590	tr 500	109.09	301.61	303.07	302.91	303.34	0.007113	2.47	50.24	56.75	0.70
Monte	1519	tr 50	64.50	300.83	301.90	301.90	302.23	0.016225	2.59	25.71	39.29	0.96
Monte	1519	tr 100	77.65	300.83	301.99	301.99	302.36	0.015850	2.74	29.39	41.49	0.97
Monte	1519	tr 200	91.05	300.83	302.09	302.09	302.49	0.014832	2.85	33.40	43.73	0.96
Monte	1519	tr 500	109.09	300.83	302.20	302.20	302.64	0.013922	2.99	38.58	46.39	0.94
Monte	1451	tr 50	64.50	300.06	301.03	300.88	301.24	0.008303	2.07	32.73	45.24	0.72
Monte	1451	tr 100	77.65	300.06	301.11	300.97	301.35	0.008754	2.25	36.46	46.68	0.75
Monte	1451	tr 200	91.05	300.06	301.19	301.06	301.47	0.008952	2.40	40.31	48.12	0.77
Monte	1451	tr 500	109.09	300.06	301.30	301.17	301.61	0.008915	2.55	45.64	49.91	0.79
Monte	1362	tr 50	64.50	298.85	299.99	299.99	300.35	0.011480	2.90	26.64	40.26	0.91
Monte	1362	tr 100	77.65	298.85	300.12	300.12	300.48	0.010471	2.98	31.80	44.19	0.89
Monte	1362	tr 200	91.05	298.85	300.22	300.22	300.60	0.010071	3.09	36.35	46.85	0.88
Monte	1362	tr 500	109.09	298.85	300.33	300.33	300.75	0.010022	3.26	41.61	49.33	0.89
Monte	1233	tr 50	64.50	297.11	298.43	298.13	298.59	0.006768	1.80	38.40	45.72	0.54
Monte	1233	tr 100	77.65	297.11	298.57	298.23	298.74	0.006474	1.88	44.75	48.43	0.54
Monte	1233	tr 200	91.05	297.11	298.70	298.32	298.88	0.006136	1.93	51.34	50.97	0.52
Monte	1233	tr 500	109.09	297.11	298.87	298.44	299.07	0.005670	1.99	60.38	54.15	0.51
Monte	1107	tr 50	64.50	295.50	297.00	297.00	297.51	0.010415	3.22	21.08	22.25	0.95
Monte	1107	tr 100	77.65	295.50	297.14	297.14	297.70	0.009853	3.39	24.47	23.46	0.94
Monte	1107	tr 200	91.05	295.50	297.28	297.28	297.89	0.009457	3.55	27.78	24.57	0.94
Monte	1107	tr 500	109.09	295.50	297.45	297.45	298.12	0.009217	3.77	31.91	25.88	0.94
Monte	985	tr 50	64.50	290.00	290.84	291.46	293.42	0.518015	7.11	9.07	16.44	3.06
Monte	985	tr 100	77.65	290.00	290.91	291.60	293.80	0.490914	7.52	10.33	17.14	3.07
Monte	985	tr 200	91.05	290.00	290.99	291.73	294.12	0.454696	7.85	11.62	17.79	3.05
Monte	985	tr 500	109.09	290.00	291.09	291.91	294.47	0.398838	8.16	13.44	18.66	2.96
Monte	912	tr 50	64.50	286.23	287.59	287.59	288.05	0.034139	2.99	21.64	24.17	0.99
Monte	912	tr 100	77.65	286.23	287.71	287.71	288.22	0.032208	3.16	24.69	25.36	0.99
Monte	912	tr 200	91.05	286.23	287.84	287.84	288.39	0.029707	3.29	27.98	26.47	0.97
Monte	912	tr 500	109.09	286.23	287.99	287.99	288.60	0.027730	3.46	32.12	27.78	0.96
Monte	830	tr 50	64.50	278.07	278.91	279.63	282.20	0.193584	8.22	8.26	15.00	3.19
Monte	830	tr 100	77.65	278.07	278.99	279.79	282.62	0.188265	8.66	9.53	15.77	3.18
Monte	830	tr 200	91.05	278.07	279.07	279.94	283.06	0.187367	9.12	10.71	16.43	3.19
Monte	830	tr 500	109.09	278.07	279.16	280.11	283.52	0.180853	9.57	12.35	17.26	3.17
Monte	747	tr 50	64.50	268.25	269.30	269.66	270.43	0.099465	3.58	15.66	22.12	1.20
Monte	747	tr 100	77.65	268.25	269.38	269.80	270.72	0.102975	3.85	17.49	22.86	1.23
Monte	747	tr 200	91.05	268.25	269.46	269.94	270.99	0.105145	4.09	19.27	23.46	1.26
Monte	747	tr 500	109.09	268.25	269.55	270.11	271.35	0.109263	4.39	21.43	24.16	1.30
Monte	646	tr 50	64.50	254.32	255.39	255.78	256.66	0.195577	5.10	13.67	19.54	1.68

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
Monte	646	tr 100	77.65	254.32	255.49	255.93	256.91	0.187546	5.37	15.63	20.47	1.68
Monte	646	tr 200	91.05	254.32	255.58	256.07	257.17	0.183235	5.64	17.45	21.22	1.70
Monte	646	tr 500	109.09	254.32	255.69	256.24	257.47	0.176025	5.92	19.89	22.25	1.70
Monte	575	tr 50	64.50	248.97	250.12	250.34	250.88	0.043208	3.94	18.17	29.25	1.47
Monte	575	tr 100	77.65	248.97	250.19	250.45	251.09	0.044537	4.27	20.38	30.25	1.52
Monte	575	tr 200	91.05	248.97	250.26	250.57	251.28	0.045538	4.58	22.54	31.16	1.57
Monte	575	tr 500	109.09	248.97	250.35	250.71	251.54	0.047014	4.96	25.23	32.18	1.62
Monte	486	tr 50	64.50	246.82	248.16	248.16	248.58	0.028676	3.00	24.39	30.14	0.90
Monte	486	tr 100	77.65	246.82	248.28	248.28	248.75	0.027598	3.17	28.07	31.78	0.91
Monte	486	tr 200	91.05	246.82	248.39	248.39	248.90	0.026425	3.30	31.78	33.26	0.90
Monte	486	tr 500	109.09	246.82	248.54	248.54	249.09	0.024725	3.44	36.83	35.16	0.89
Monte	420	tr 50	64.50	245.20	246.38	246.54	247.04	0.018763	3.71	18.64	25.02	1.24
Monte	420	tr 100	77.65	245.20	246.48	246.66	247.23	0.018722	3.96	21.29	26.24	1.25
Monte	420	tr 200	91.05	245.20	246.58	246.79	247.40	0.018716	4.18	23.88	27.36	1.27
Monte	420	tr 500	109.09	245.20	246.70	246.94	247.63	0.018796	4.46	27.18	28.72	1.28
Monte	339	tr 50	64.50	242.59	243.54	243.93	244.80	0.042468	5.13	13.62	21.53	1.81
Monte	339	tr 100	77.65	242.59	243.64	244.06	245.02	0.040828	5.42	15.73	22.61	1.81
Monte	339	tr 200	91.05	242.59	243.73	244.19	245.22	0.039393	5.67	17.83	23.59	1.81
Monte	339	tr 500	109.09	242.59	243.84	244.35	245.47	0.037814	5.97	20.57	24.74	1.80
Monte	285	tr 50	64.50	239.51	240.28	240.72	241.82	0.072036	5.63	12.12	23.14	2.26
Monte	285	tr 100	77.65	239.51	240.35	240.85	242.10	0.071930	6.03	13.74	23.93	2.30
Monte	285	tr 200	91.05	239.51	240.41	240.96	242.36	0.071535	6.38	15.32	24.66	2.33
Monte	285	tr 500	109.09	239.51	240.50	241.09	242.68	0.070690	6.79	17.38	25.57	2.36
Monte	204	tr 50	64.50	235.99	237.27	237.27	237.68	0.043377	2.92	24.26	30.45	0.93
Monte	204	tr 100	77.65	235.99	237.39	237.39	237.84	0.041345	3.06	28.07	31.85	0.92
Monte	204	tr 200	91.05	235.99	237.50	237.50	237.98	0.040286	3.21	31.62	33.09	0.92
Monte	204	tr 500	109.09	235.99	237.64	237.64	238.16	0.038586	3.37	36.34	34.59	0.91
Monte	117	tr 50	64.50	234.29	235.55	235.55	235.97	0.011205	2.92	23.13	27.73	0.96
Monte	117	tr 100	77.65	234.29	235.66	235.67	236.13	0.011428	3.13	26.07	28.90	0.98
Monte	117	tr 200	91.05	234.29	235.75	235.77	236.28	0.011489	3.32	28.88	29.93	1.00
Monte	117	tr 500	109.09	234.29	235.87	235.92	236.48	0.011583	3.57	32.50	31.21	1.02
Monte	20	tr 50	64.50	229.88	230.32	230.76	232.78	0.268865	7.04	9.50	33.22	3.93
Monte	20	tr 100	77.65	229.88	230.37	230.85	232.95	0.236628	7.25	11.17	34.69	3.77
Monte	20	tr 200	91.05	229.88	230.41	230.94	233.14	0.215608	7.47	12.79	36.06	3.67
Monte	20	tr 500	109.09	229.88	230.47	231.05	233.36	0.194441	7.73	14.95	37.66	3.56

COMUNE DI SASSARI

Studio di Assetto Idraulico del territorio comunale

Variante al PAI ai sensi dell'art. 374 c.3 delle N.A.

Aggiornamento a seguito di prescrizioni (prot. N. 12928 del 30.12.2020)

Area di indagine: **TERRITORIO COMUNALE**

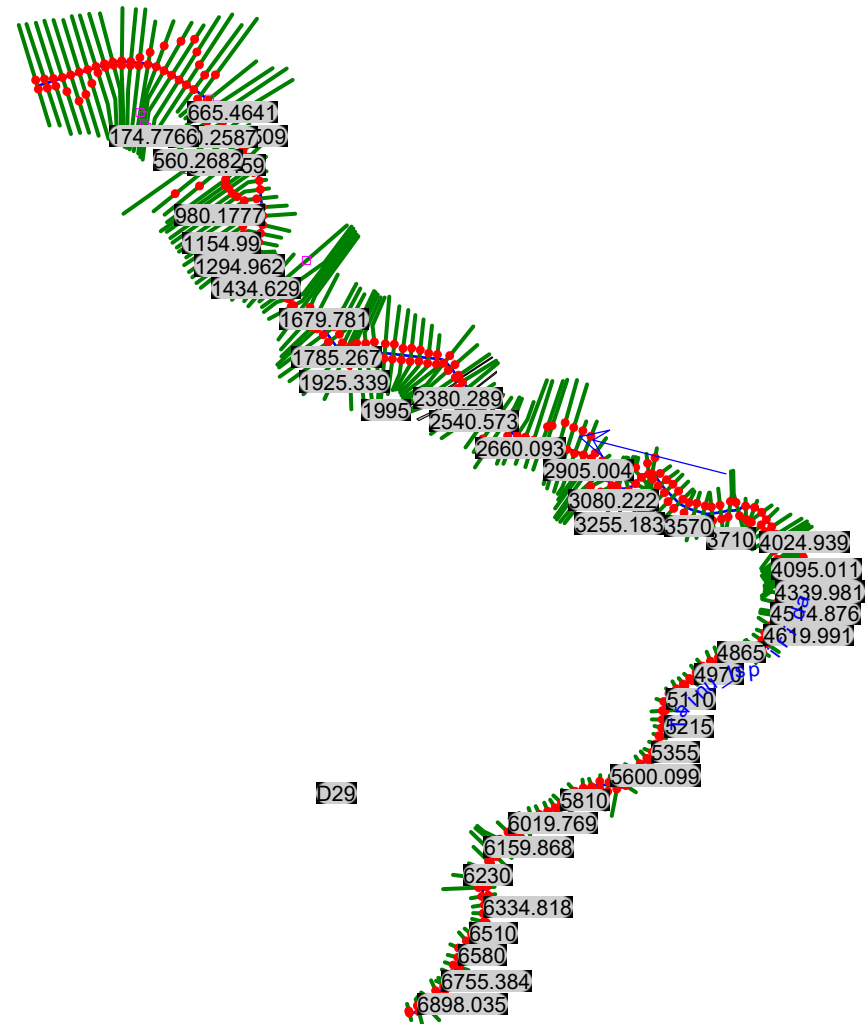
SIMULAZIONI IN MOTO PERMANENTE

Modello 25 : Rio Trainu Ispirida

- Schema planimetrico del modello matematico;
- Profili longitudinali con livelli idrici per i tempi di ritorno 50, 100, 200 e 500 anni;
- Sezioni trasversali con livelli idrici per tempi di ritorno 50, 100, 200 e 500 anni;
- Tabulati numerici di output per tempi di ritorno 50, 100, 200 e 500 anni;
- Calcolo della portata critica;
- Profilo longitudinale del livello idrico per il tempo di ritorno critico TC;
- Verifica dei franchi idraulici e della portata critica;

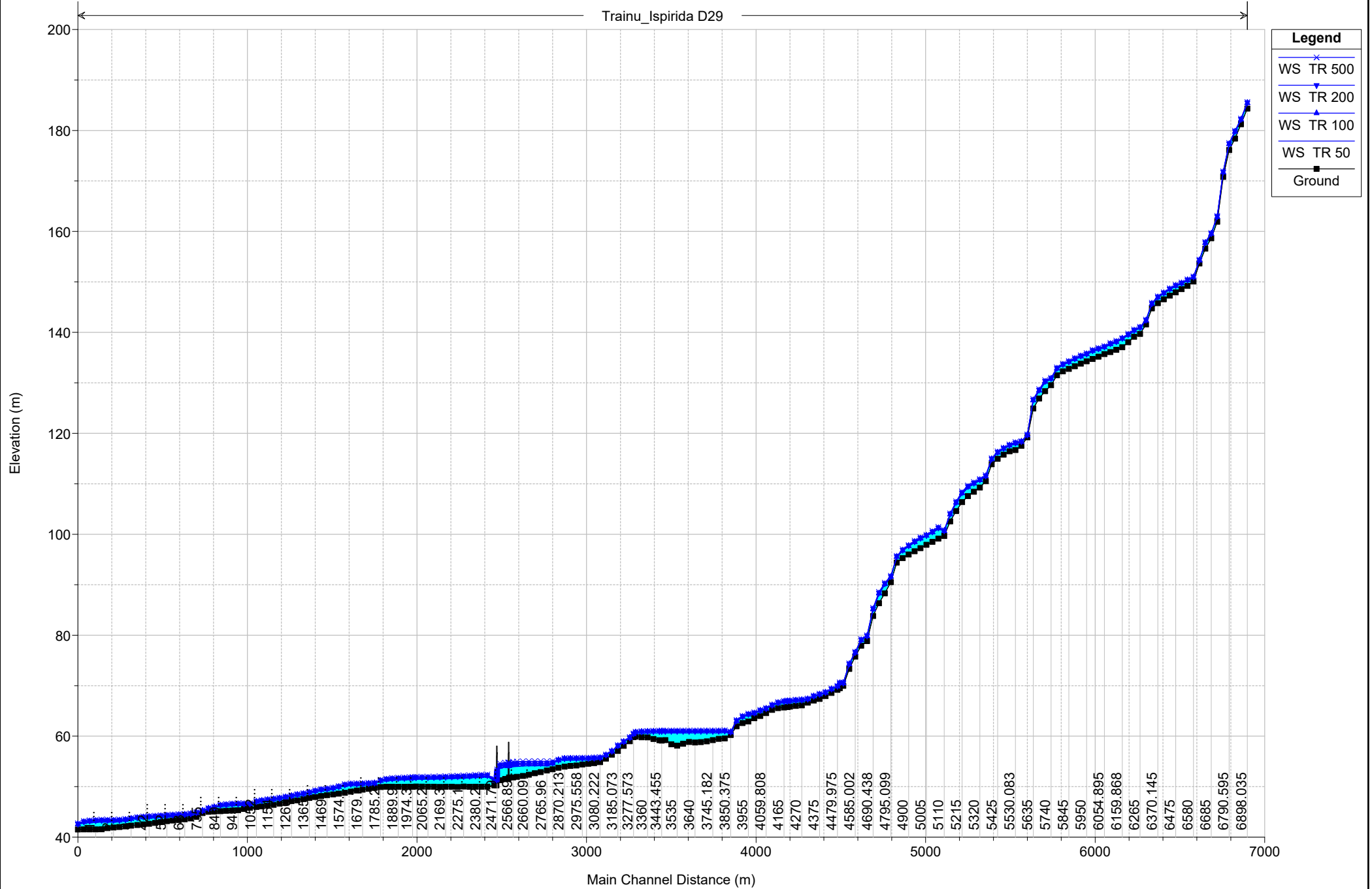
River	Reach	RS	PORTATE mc/s			
			TR 50	TR 100	TR 200	TR 500
Trainu_Ispirida	D29	6898.035	47.878	56.925	66.057	78.218
Trainu_Ispirida	D30	1609.867	75.88	90.336	104.931	124.372
Trainu_Ispirida	D31	105.0654	108.348	128.284	148.357	175.03

River	Reach	PROFILI	condizioni al contorno	
			upstream	downstream
Trainu_Ispirida	D29	all	Critical Depth	Normal Depth S = 0.08



Trainu_Ispirida Plan: Plan 01 2/3/2021

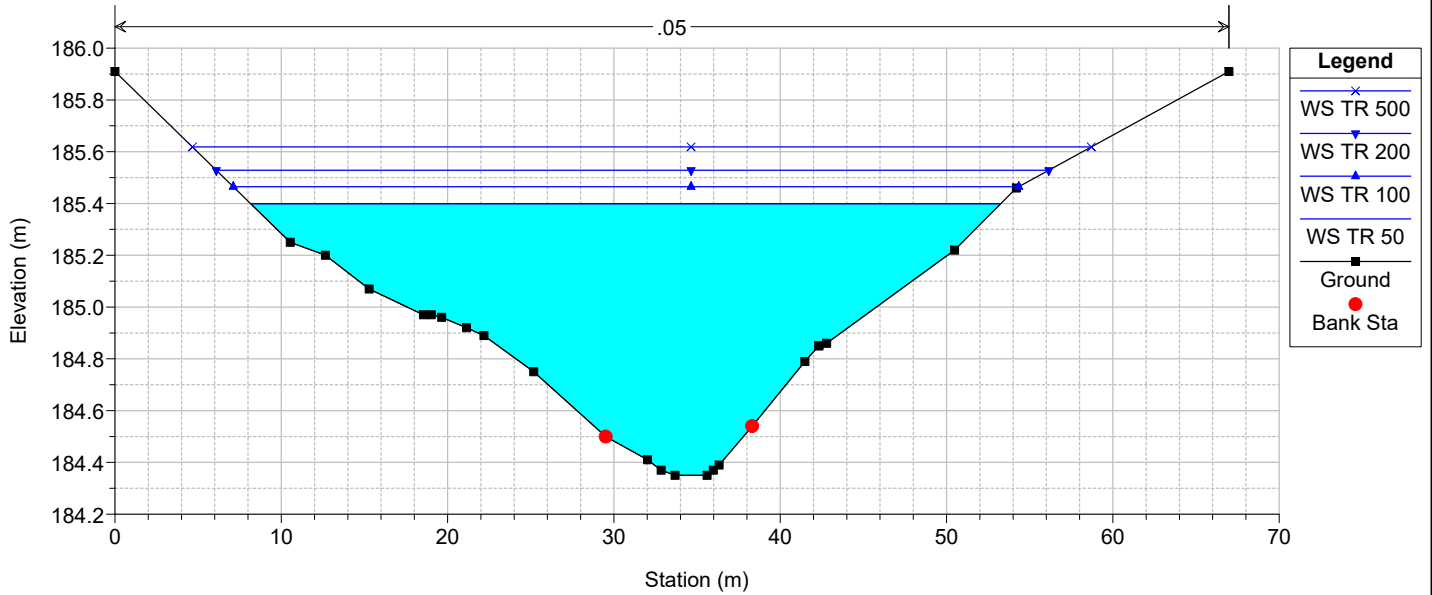
Geom: Trainu_Ispirida Flow: Trainu_Ispirida COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

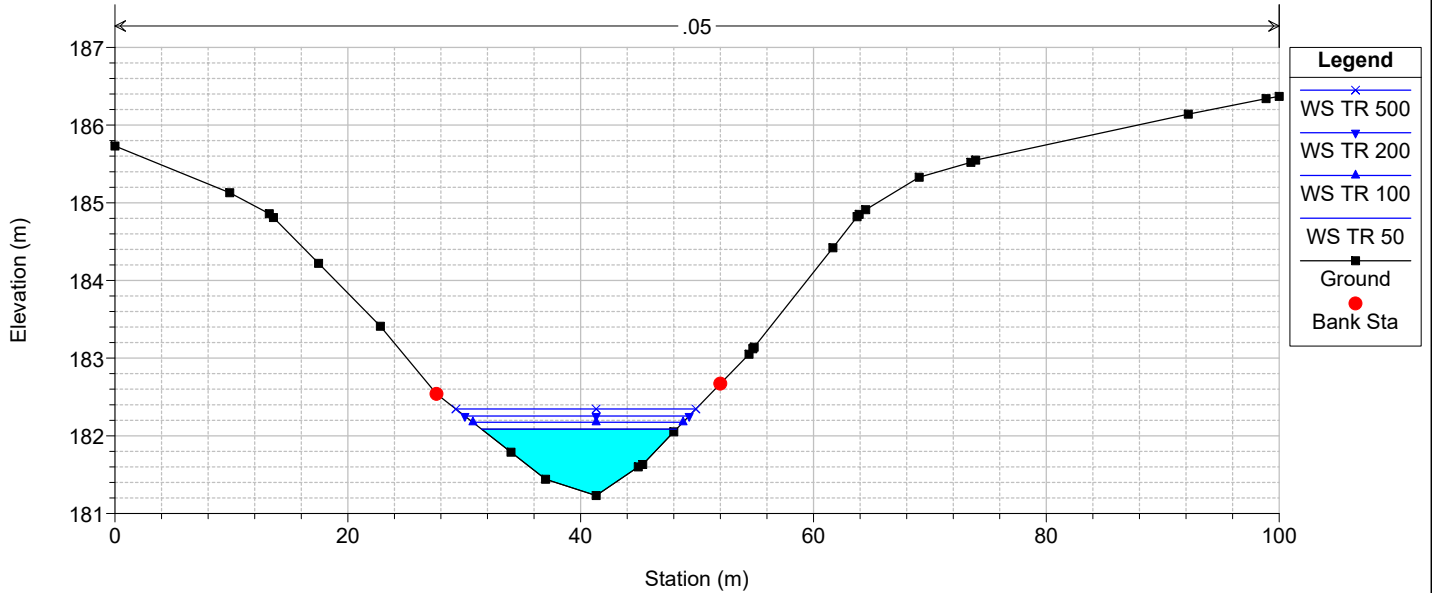
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Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

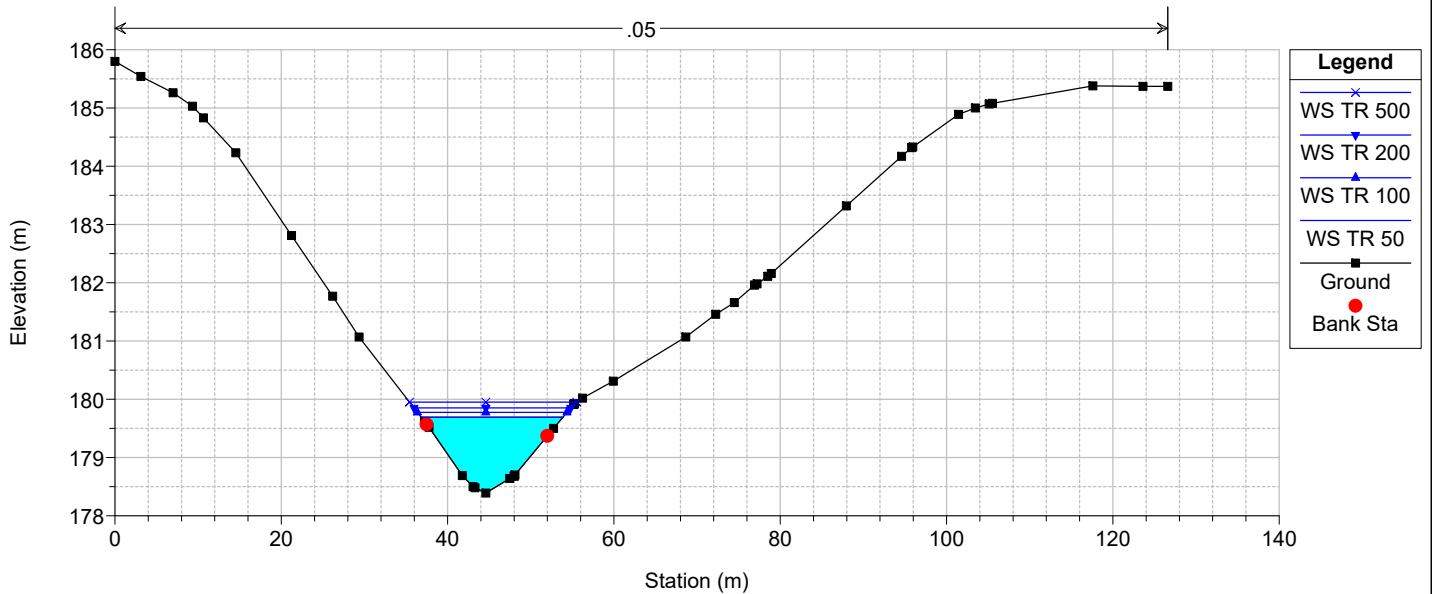
River = Trainu_Ispirida Reach = D29 RS = 6860 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

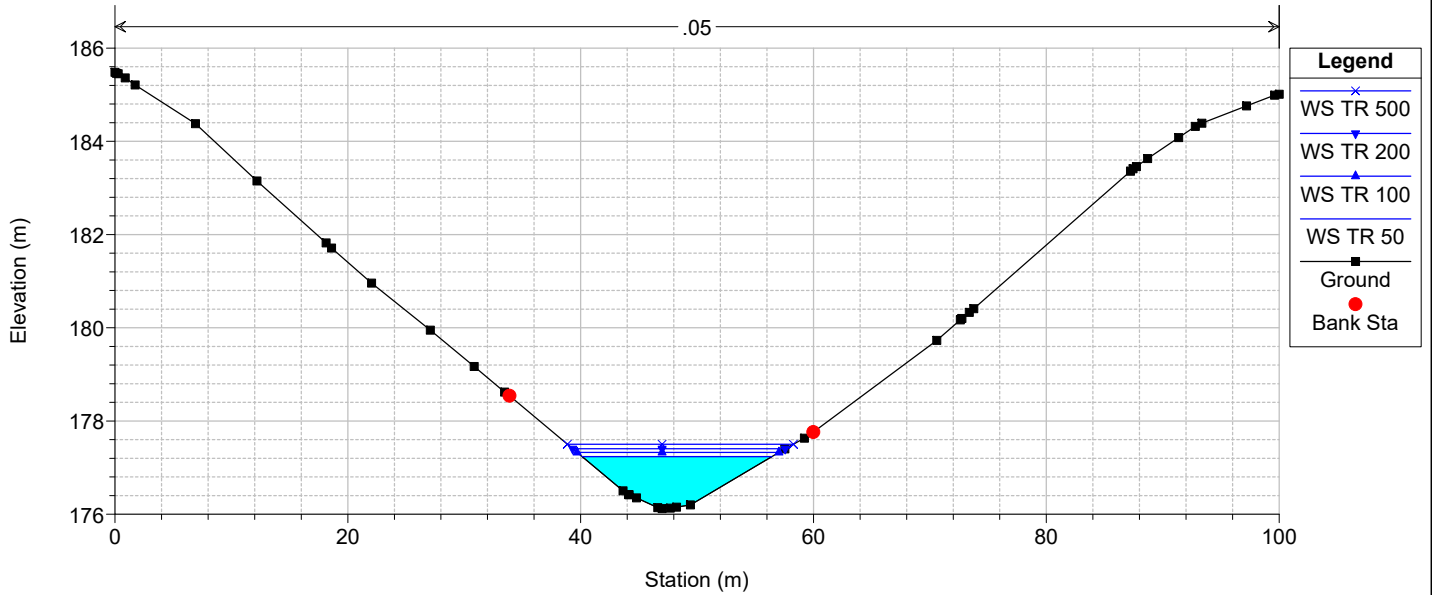
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Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

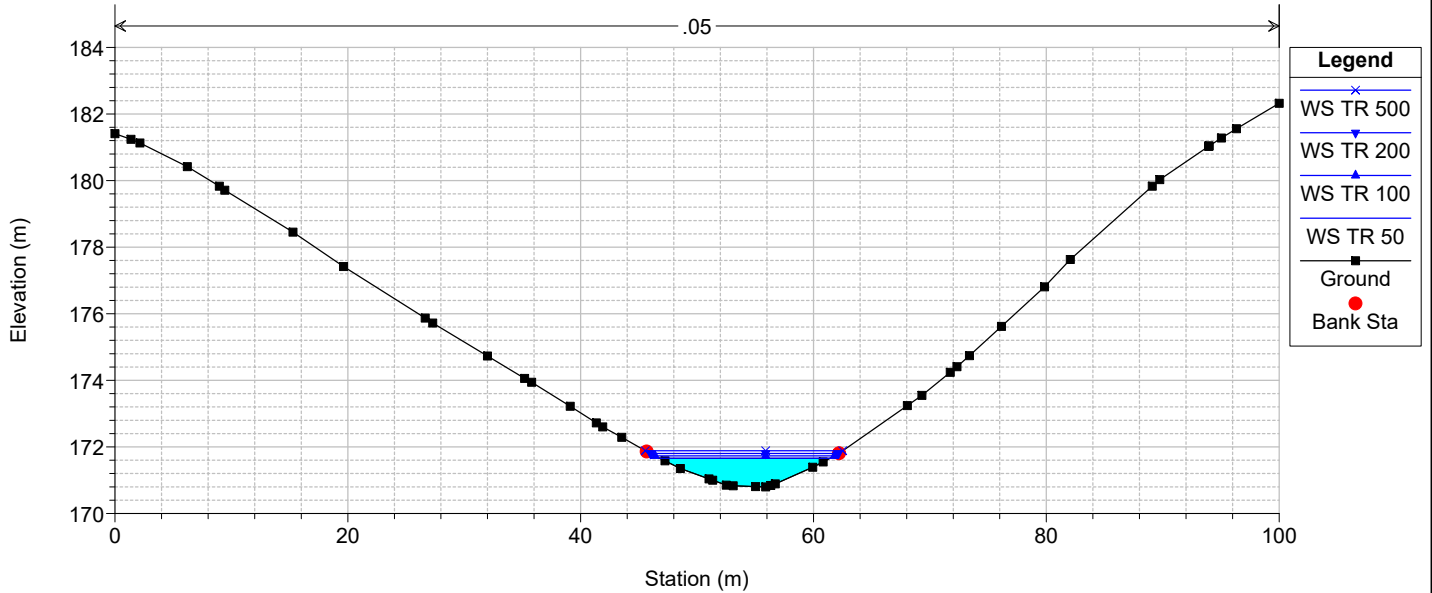
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Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

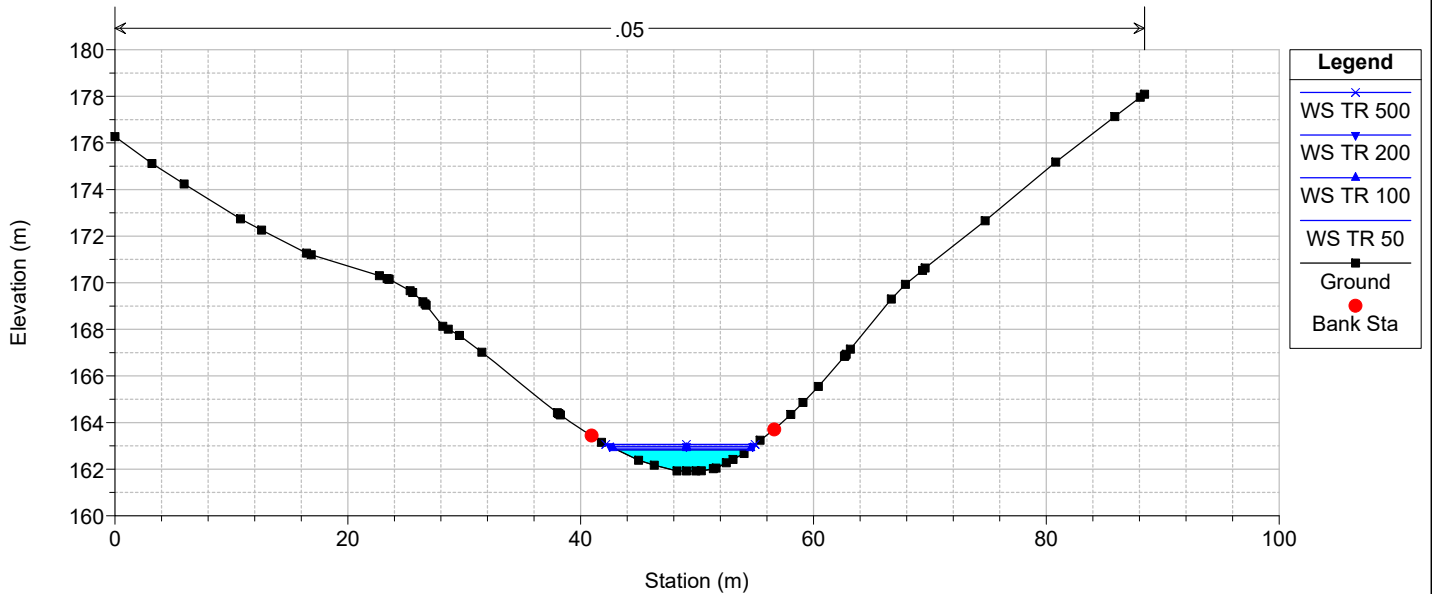
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Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

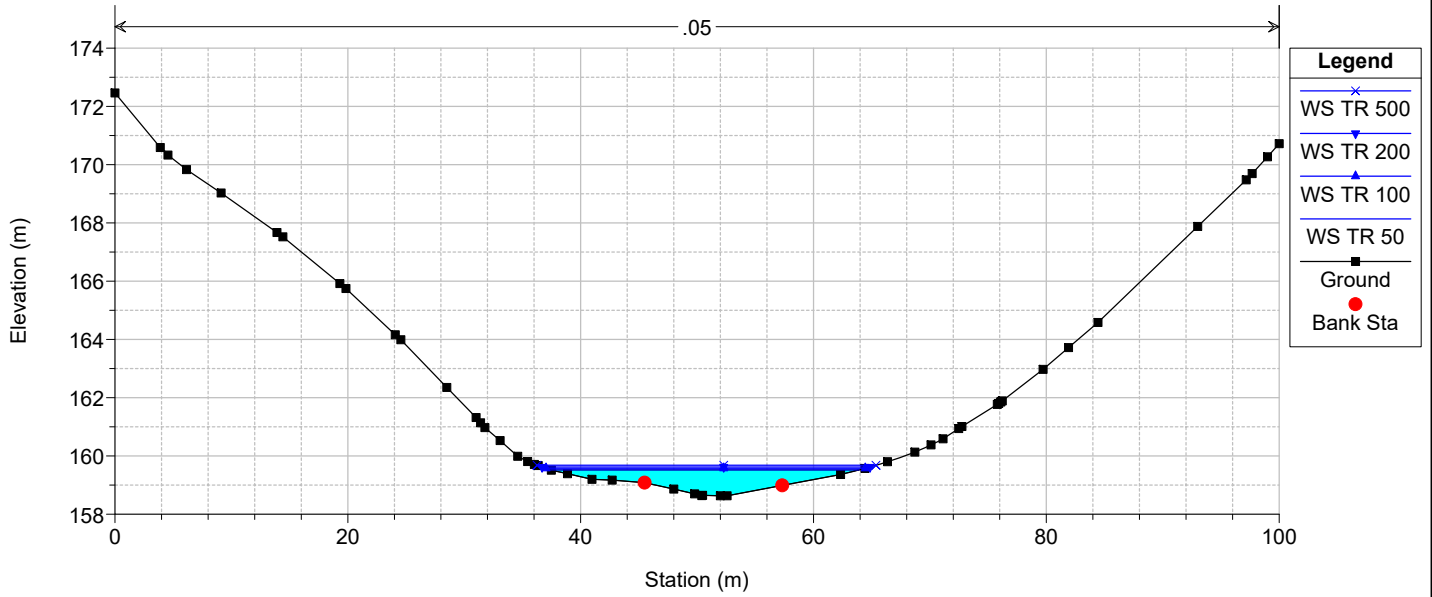
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Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

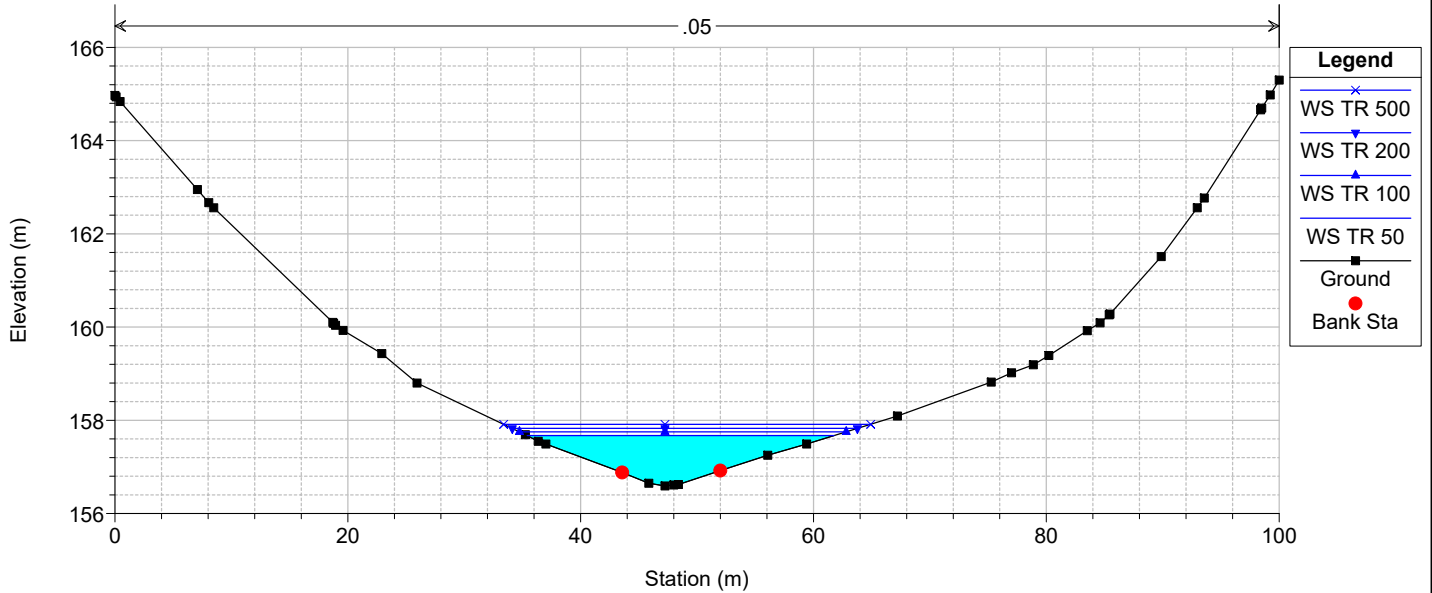
River = Trainu_Ispirida Reach = D29 RS = 6685 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

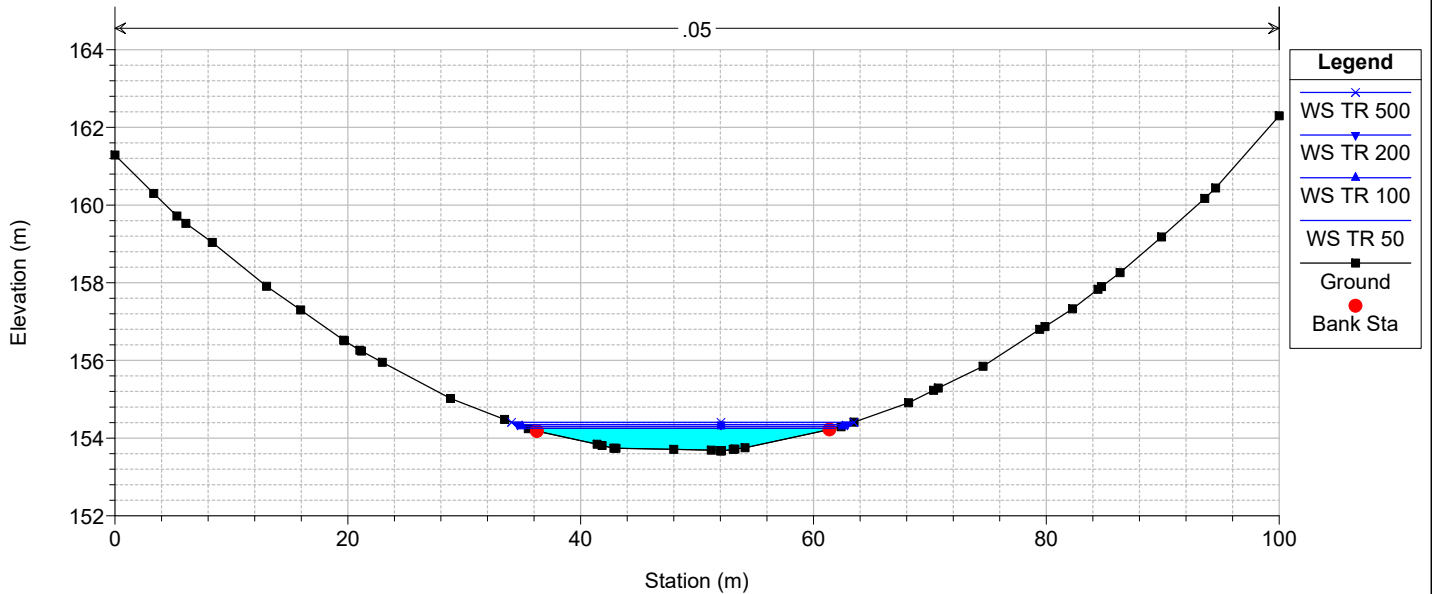
River = Trainu_Ispirida Reach = D29 RS = 6650 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

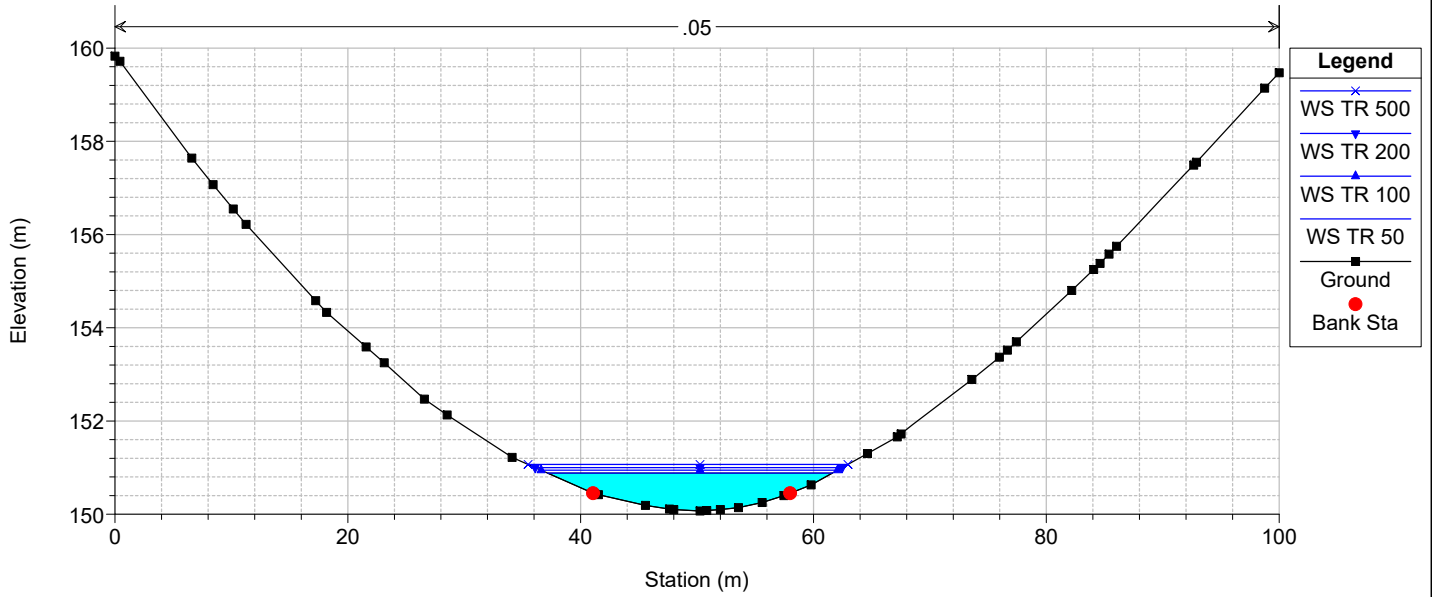
River = Trainu_Ispirida Reach = D29 RS = 6615 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

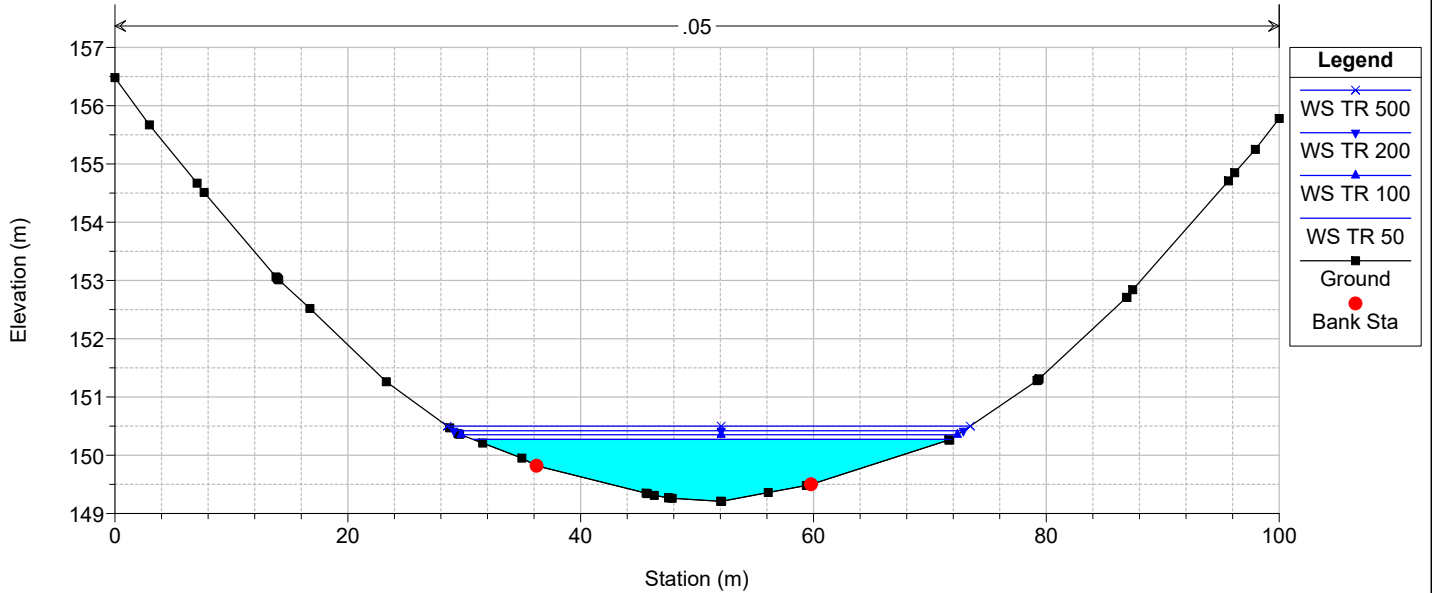
River = Trainu_Ispirida Reach = D29 RS = 6580 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

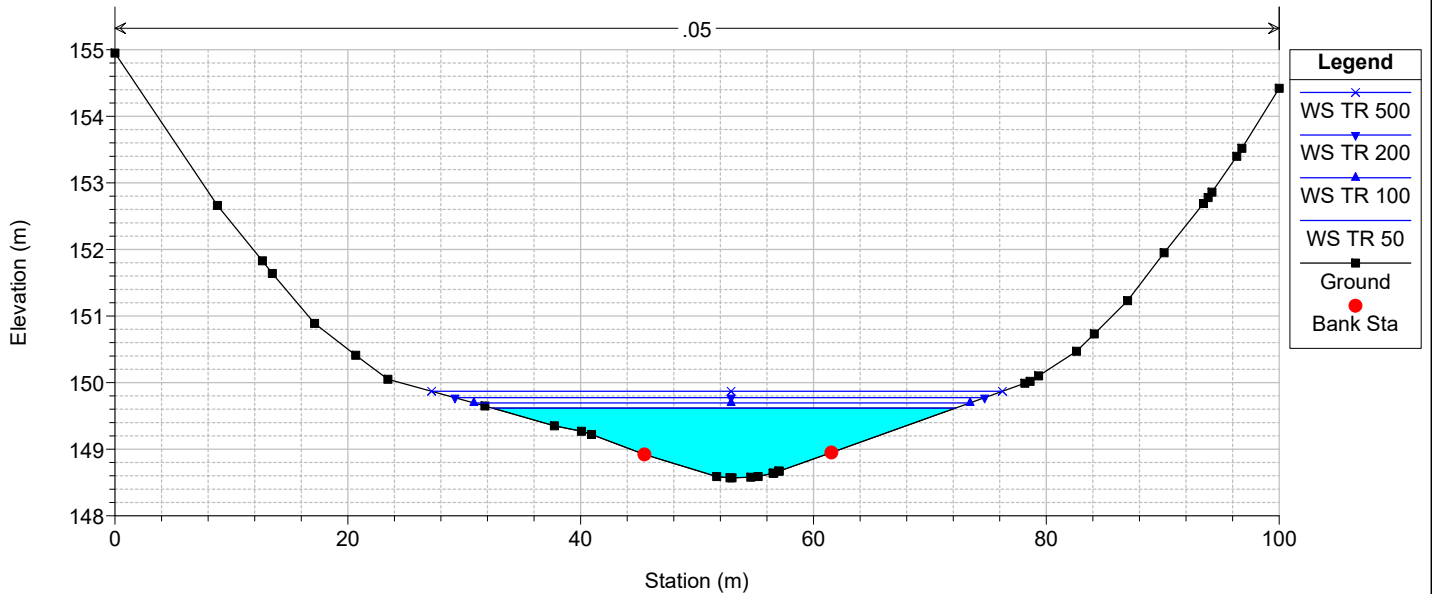
River = Trainu_Ispirida Reach = D29 RS = 6545 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

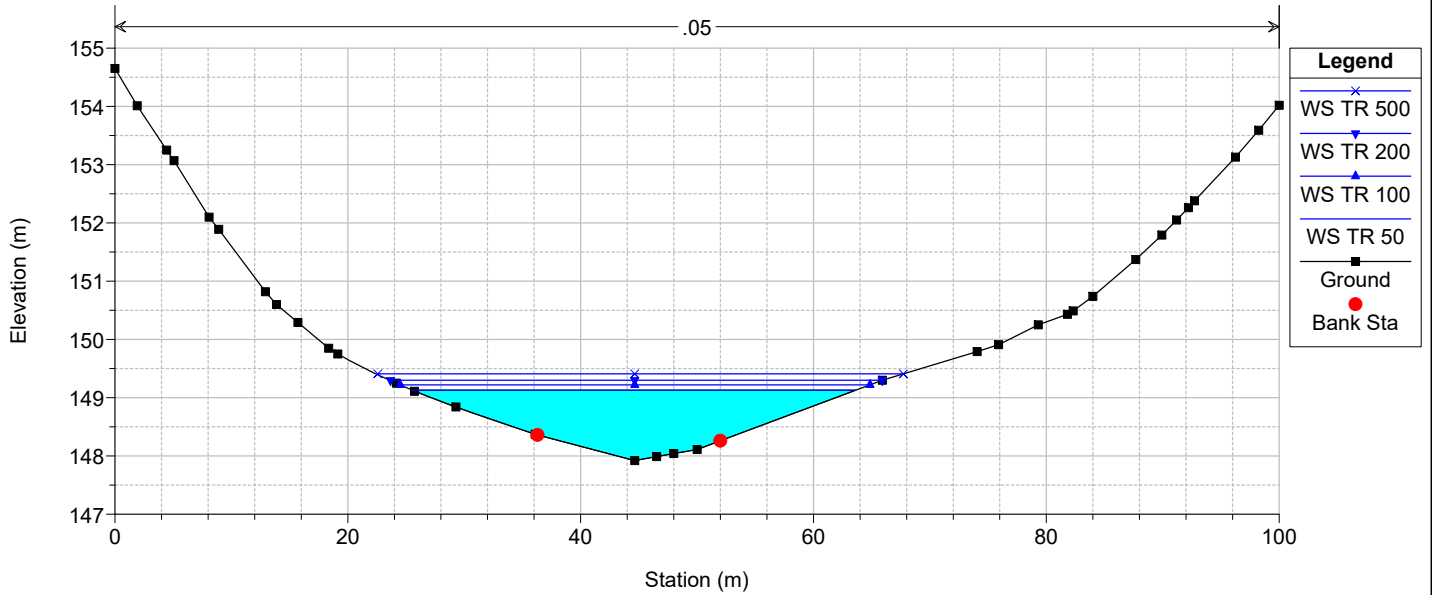
River = Trainu_Ispirida Reach = D29 RS = 6510 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

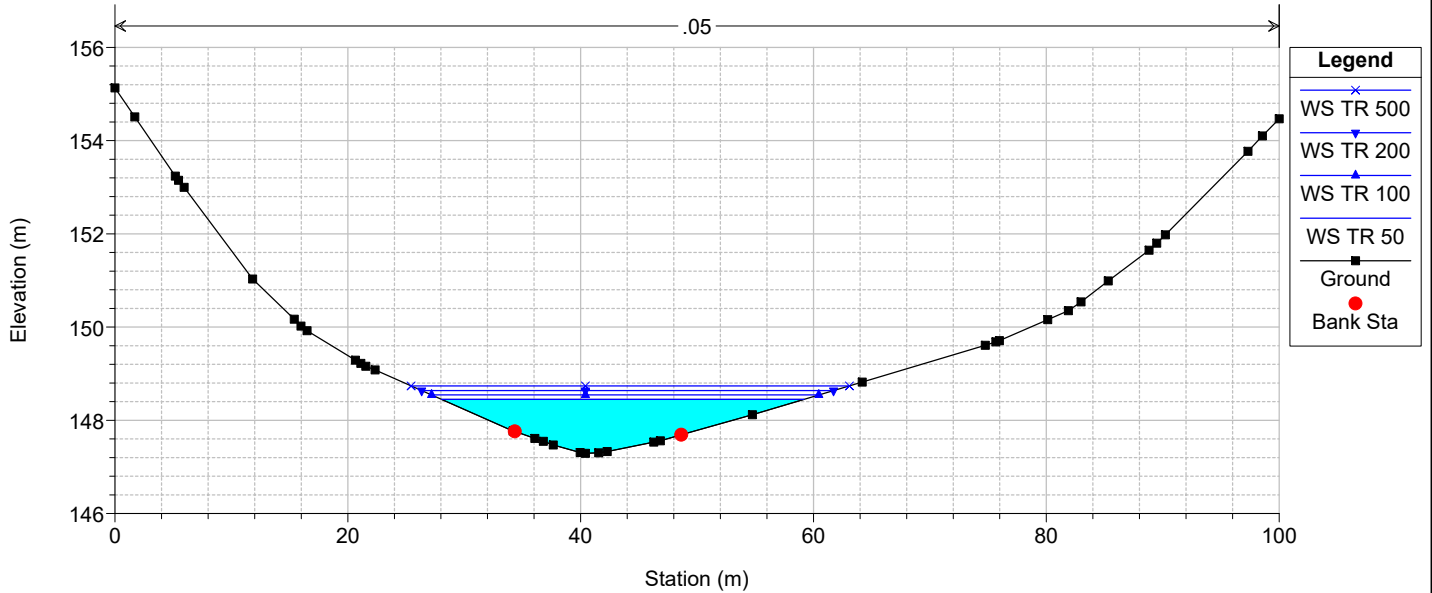
River = Trainu_Ispirida Reach = D29 RS = 6475 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

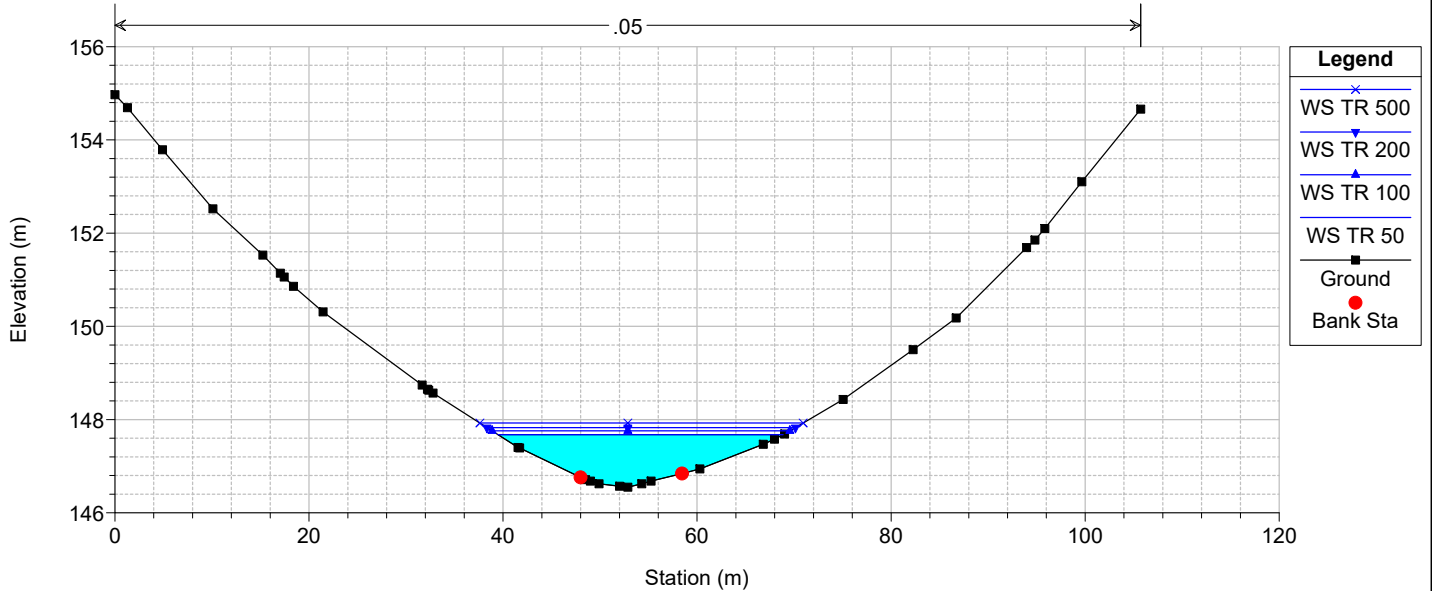
River = Trainu_Ispirida Reach = D29 RS = 6440 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

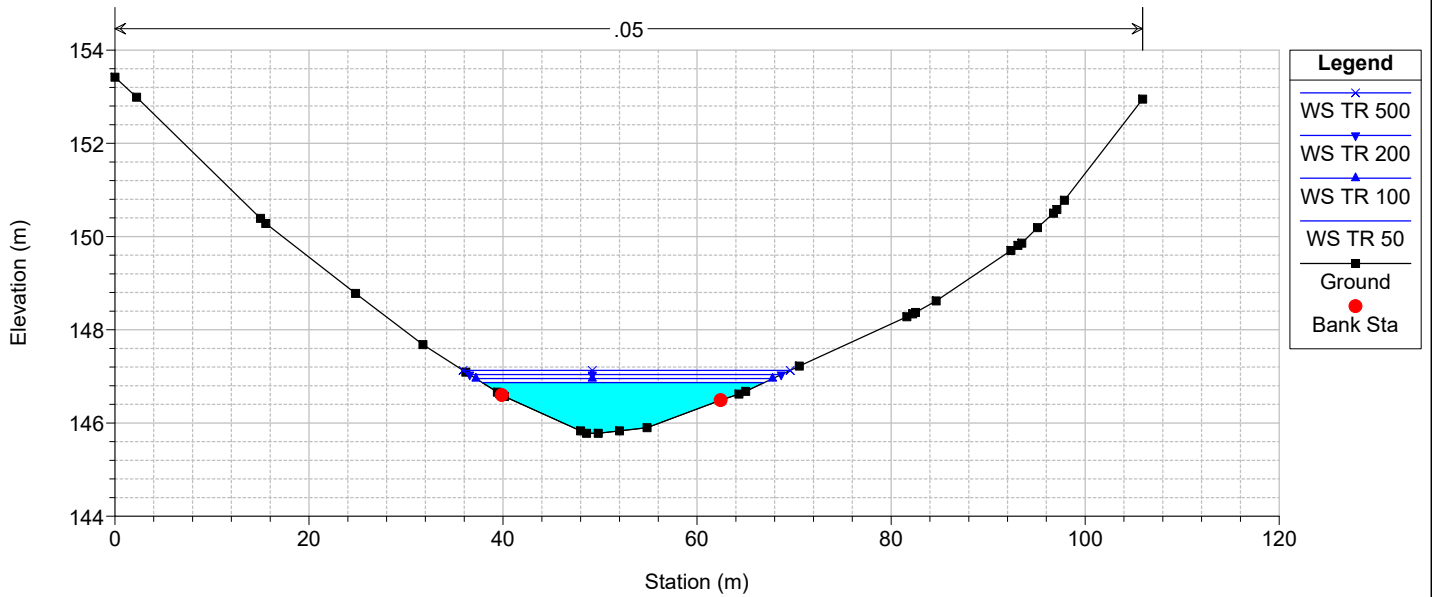
River = Trainu_Ispirida Reach = D29 RS = 6404.771 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

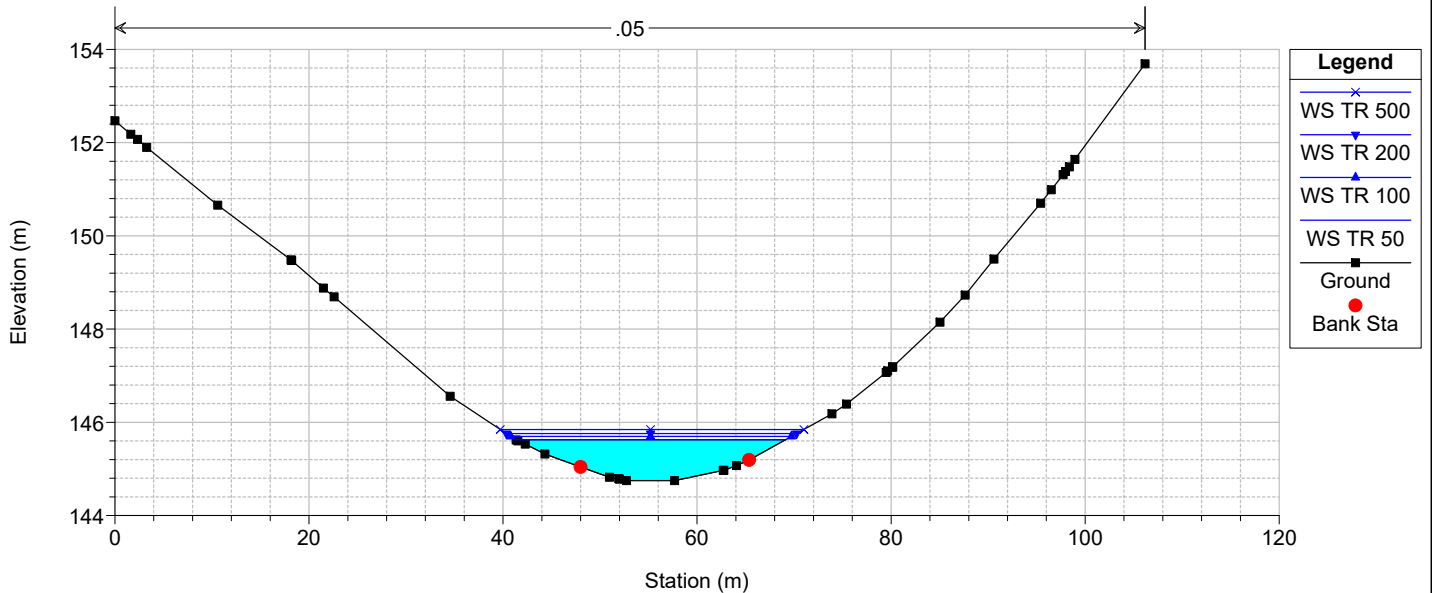
River = Trainu_Ispirida Reach = D29 RS = 6370.145 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

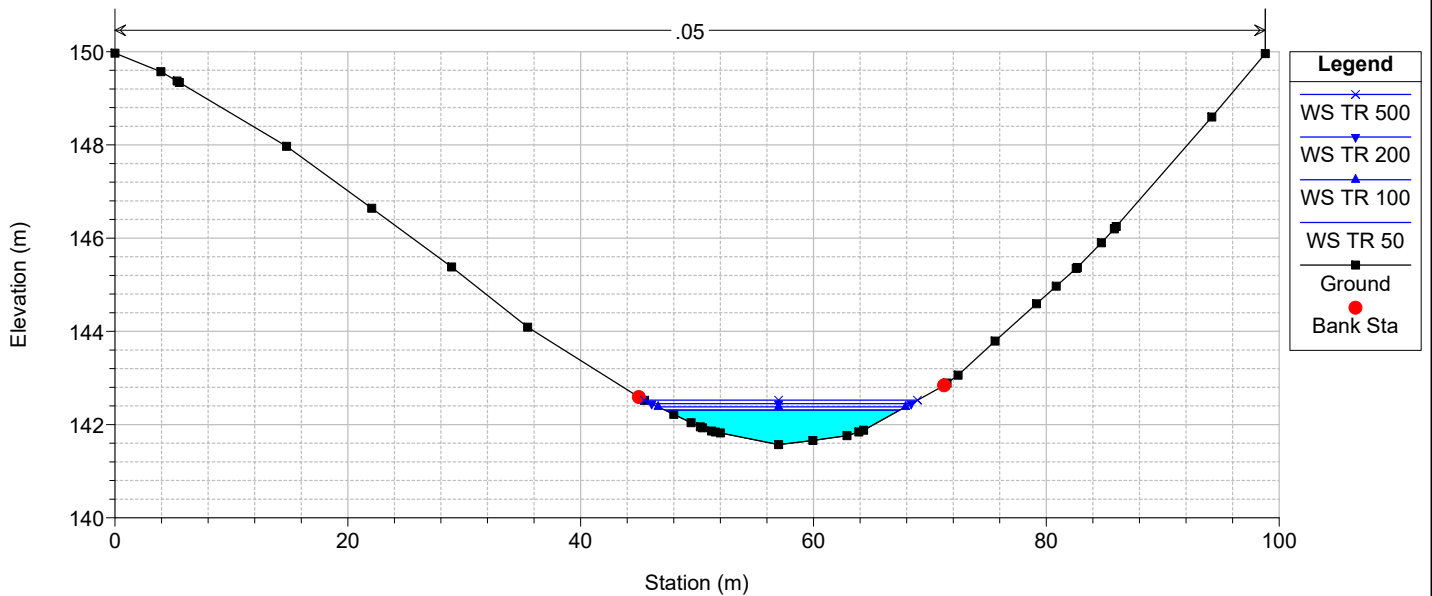
River = Trainu_Ispirida Reach = D29 RS = 6334.818 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

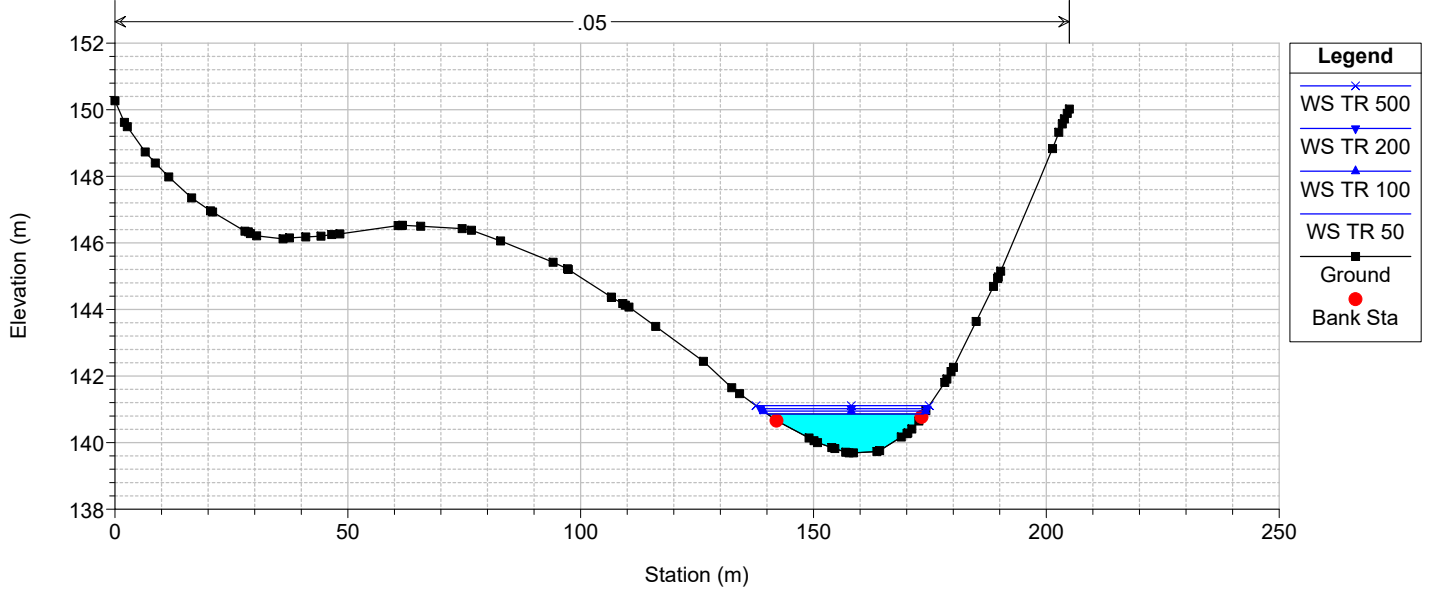
River = Trainu_Ispirida Reach = D29 RS = 6300 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

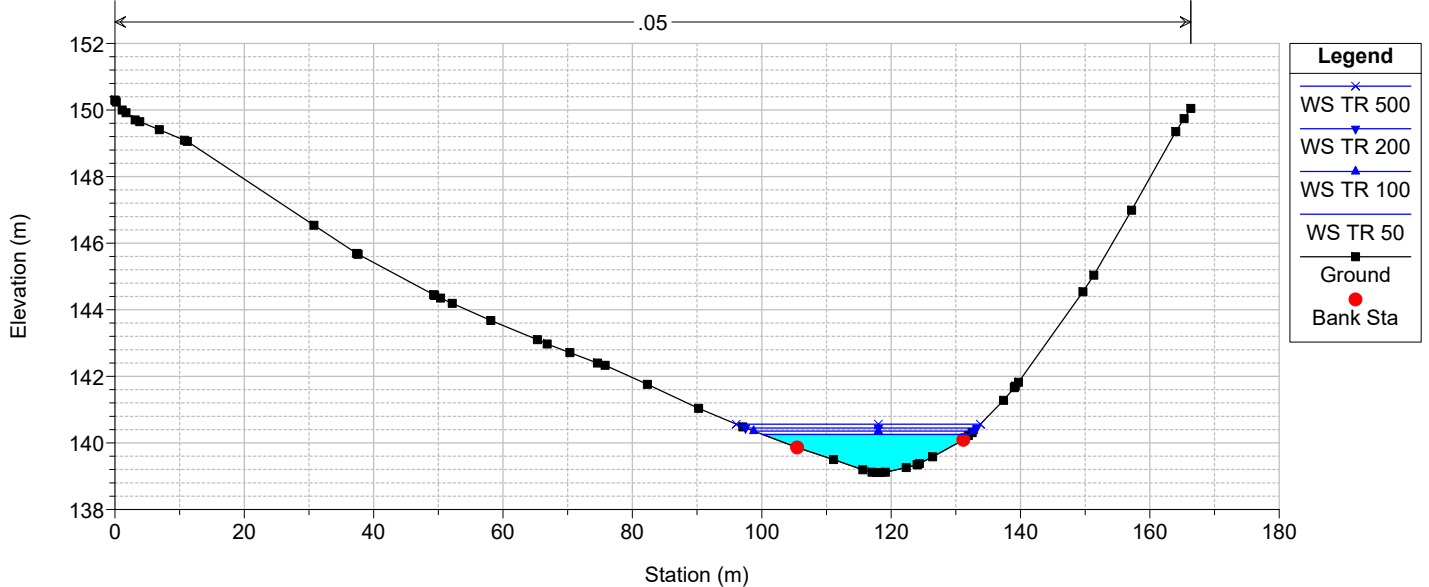
River = Trainu_Ispirida Reach = D29 RS = 6265 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

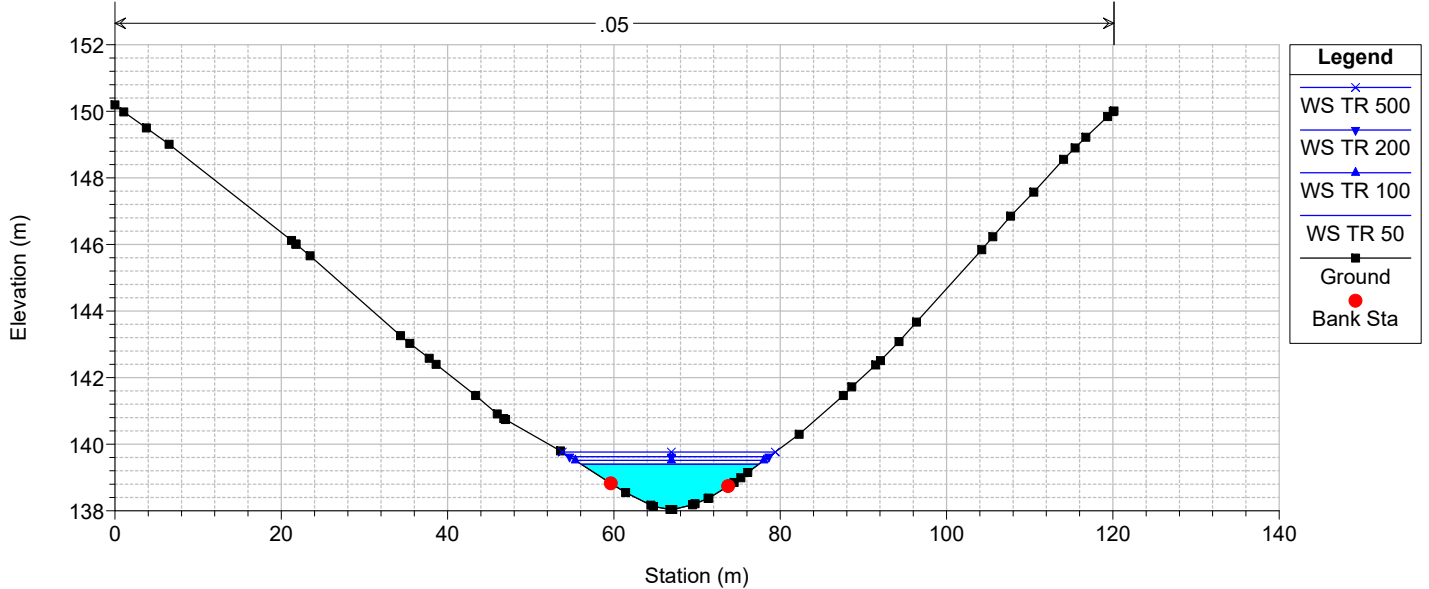
River = Trainu_Ispirida Reach = D29 RS = 6230 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

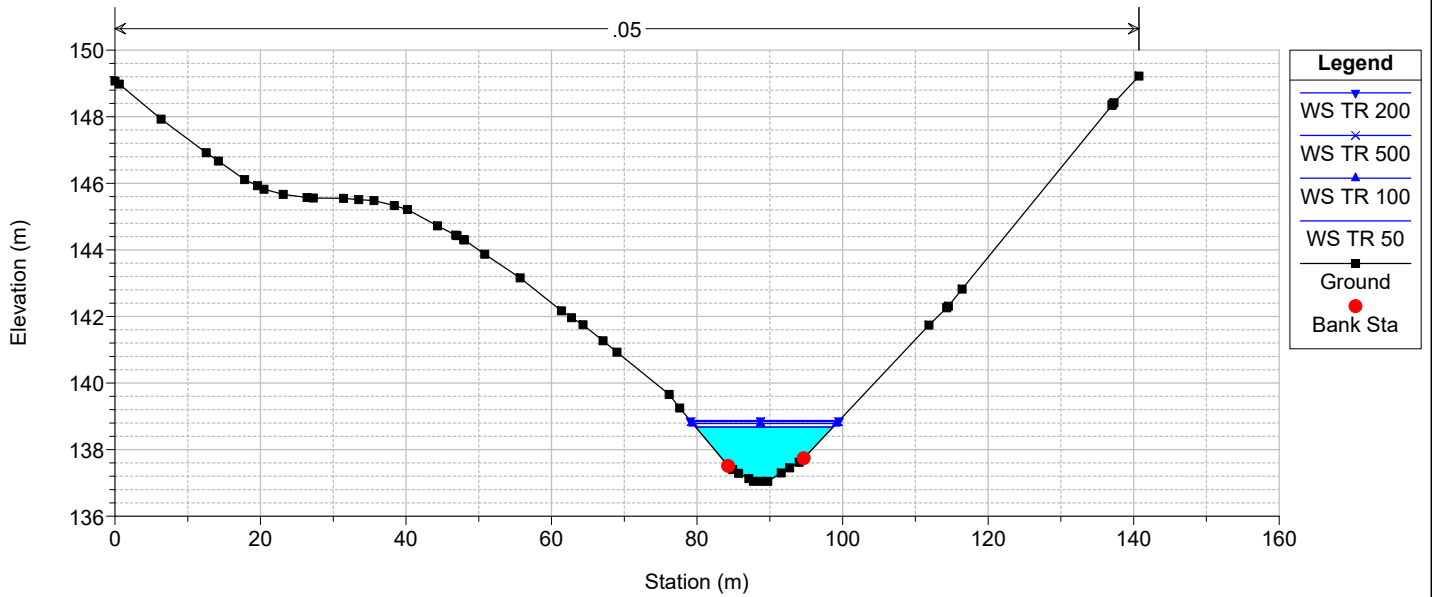
River = Trainu_Ispirida Reach = D29 RS = 6195 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

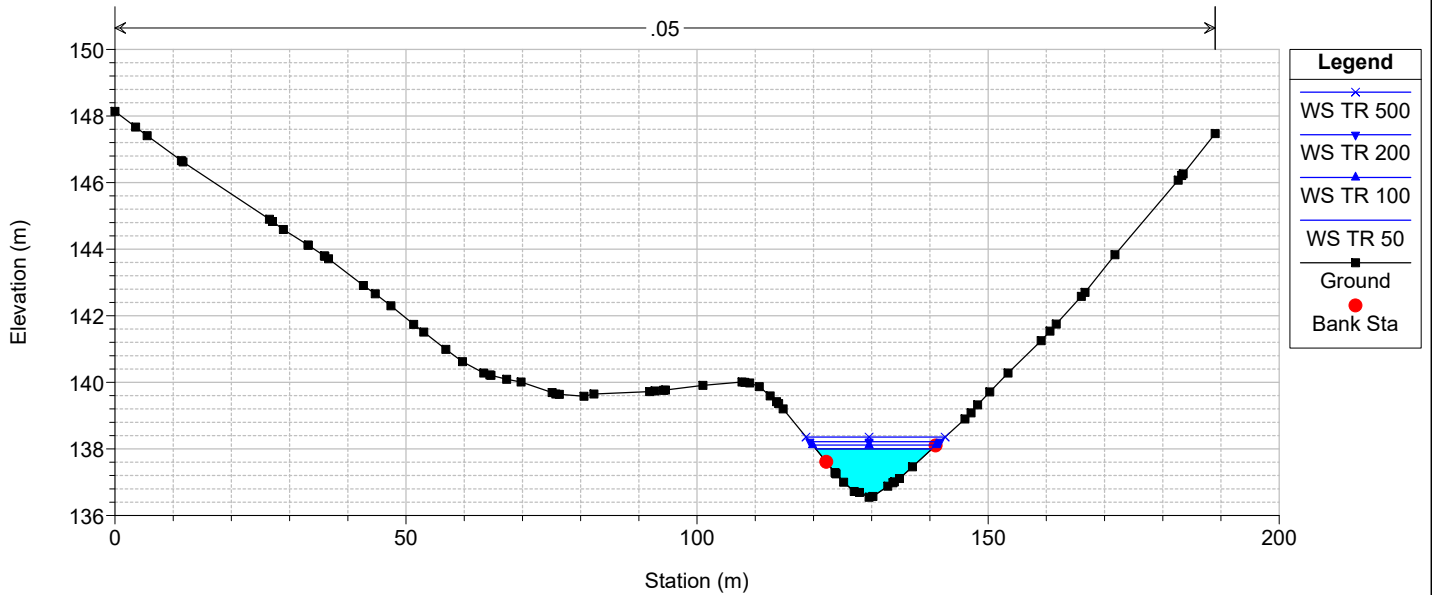
River = Trainu_Ispirida Reach = D29 RS = 6159.868 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

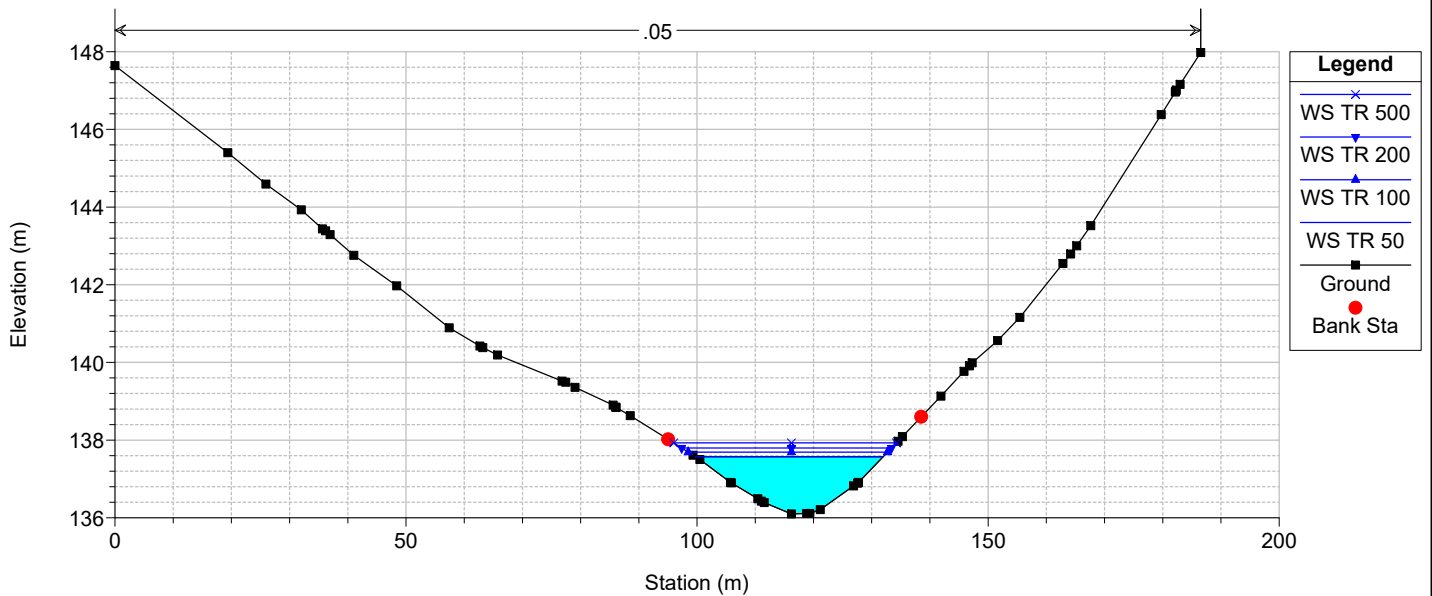
River = Trainu_Ispirida Reach = D29 RS = 6124.896 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

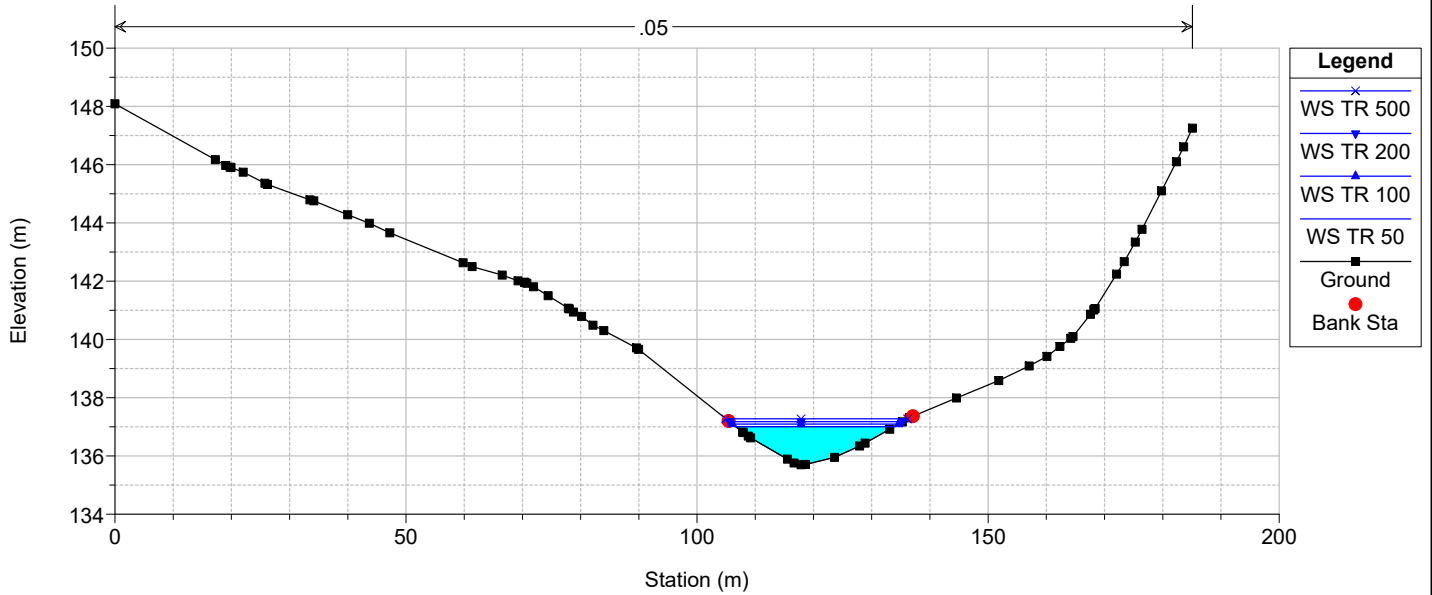
River = Trainu_Ispirida Reach = D29 RS = 6089.748 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

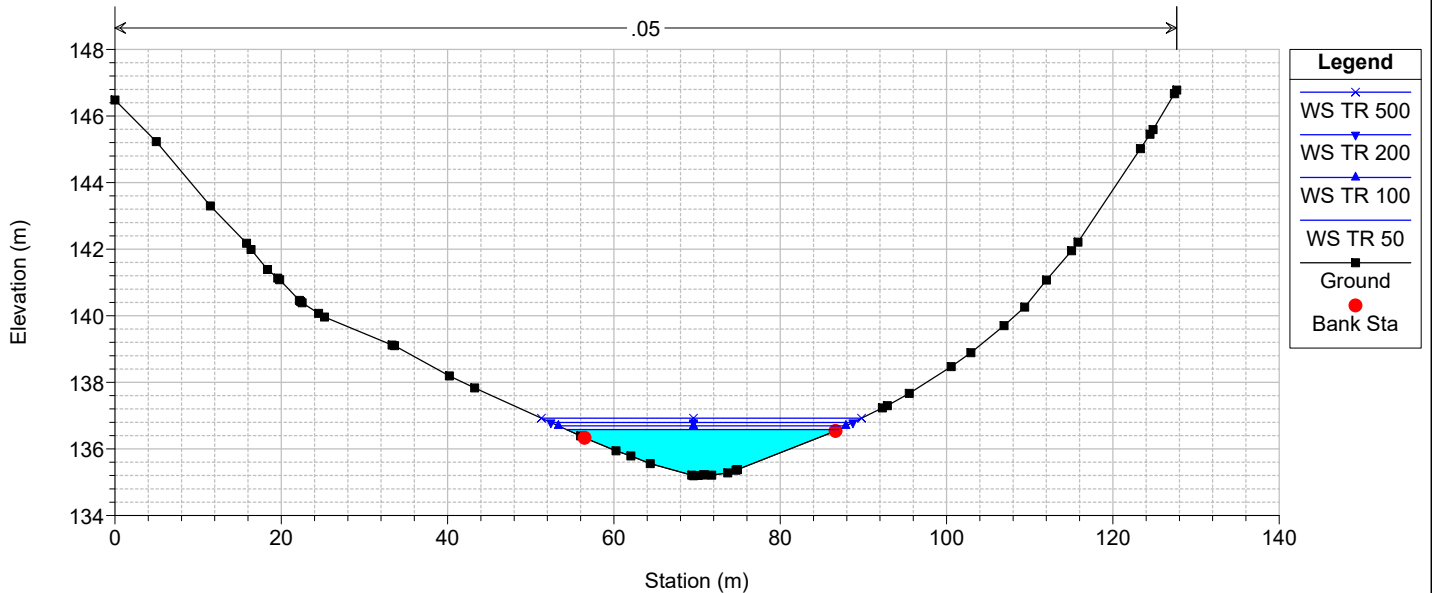
River = Trainu_Ispirida Reach = D29 RS = 6054.895 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

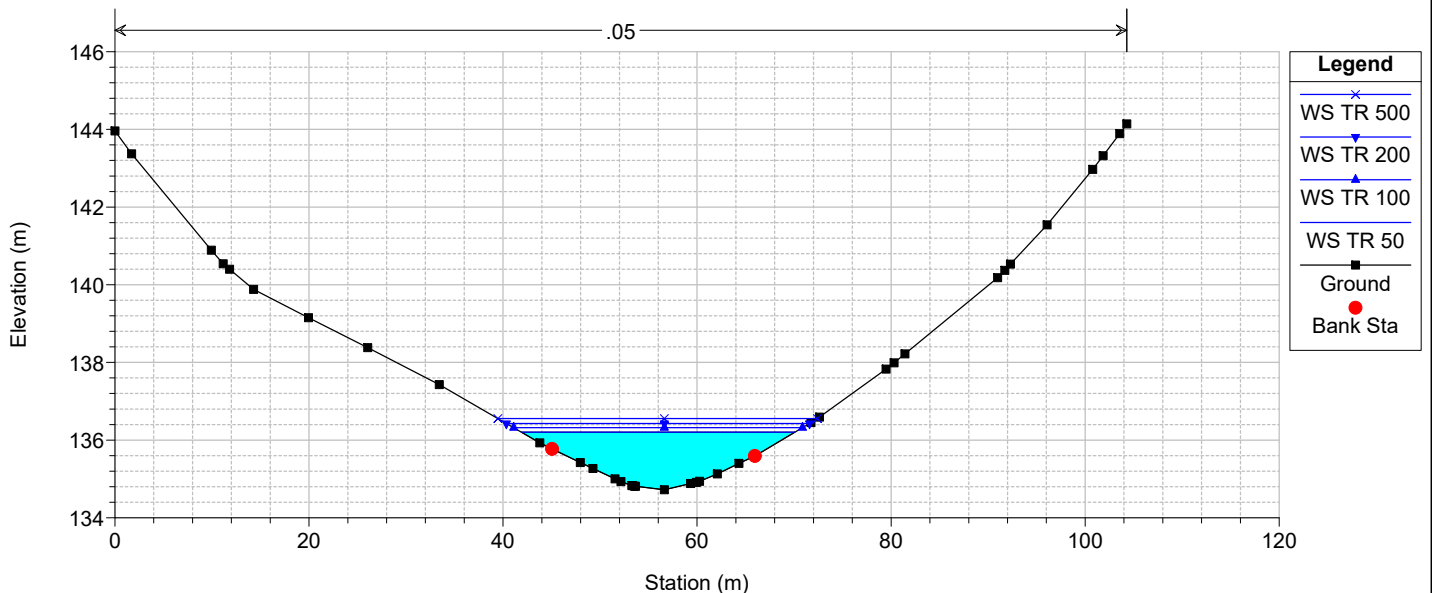
River = Trainu_Ispirida Reach = D29 RS = 6019.769 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

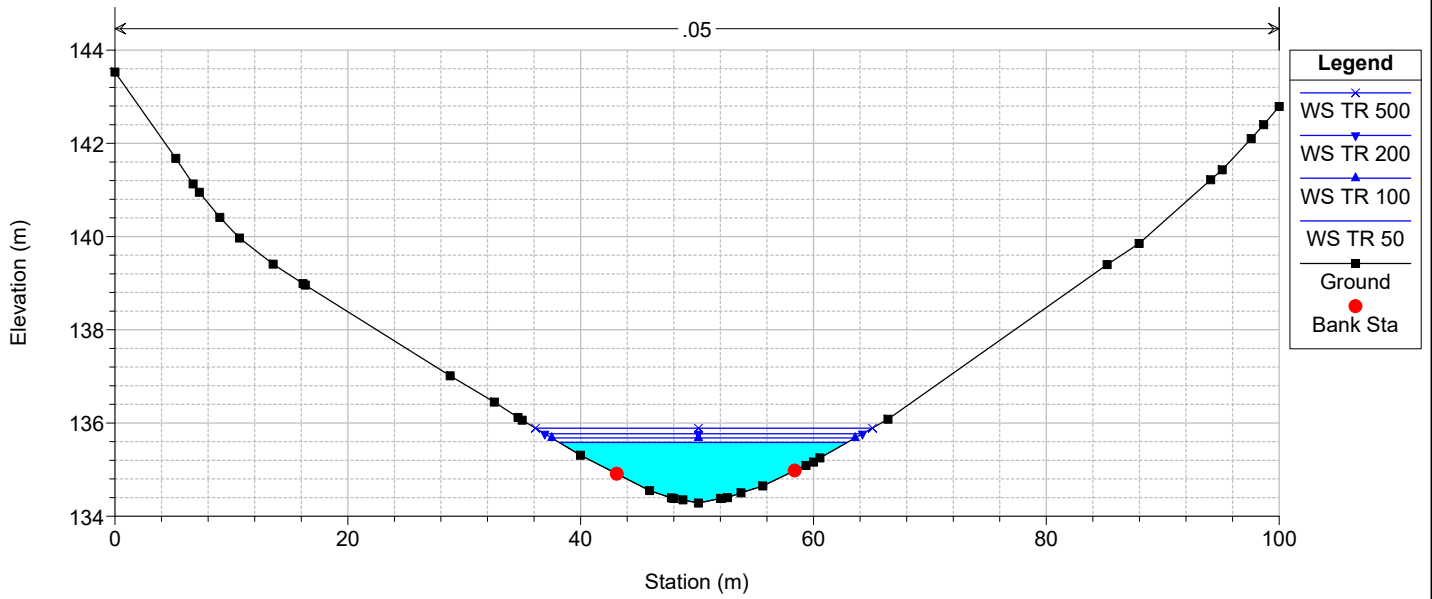
River = Trainu_Ispirida Reach = D29 RS = 5984.889 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

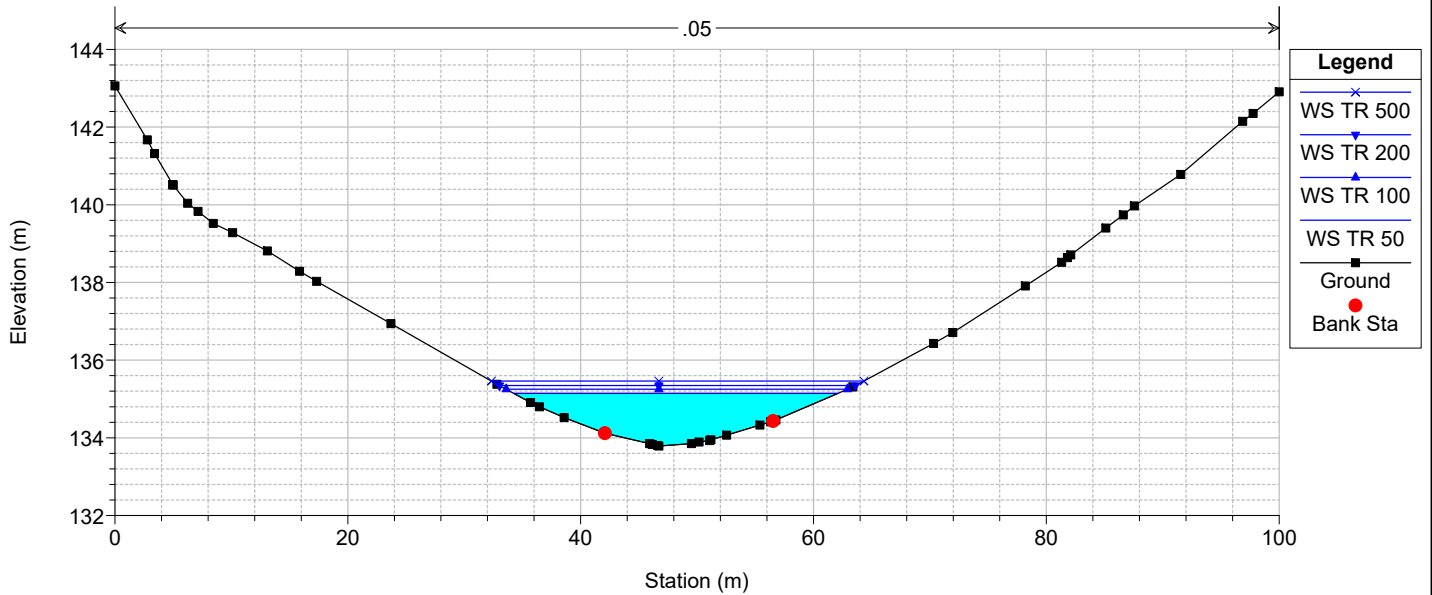
River = Trainu_Ispirida Reach = D29 RS = 5950 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

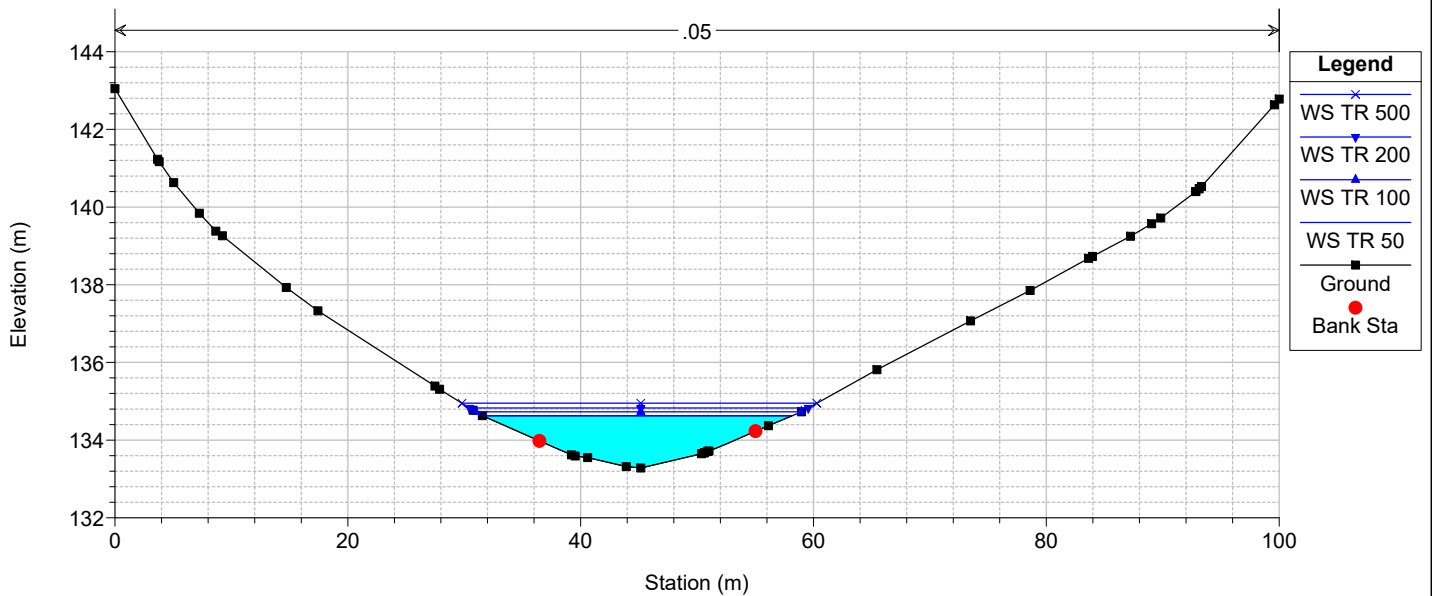
River = Trainu_Ispirida Reach = D29 RS = 5915.396 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



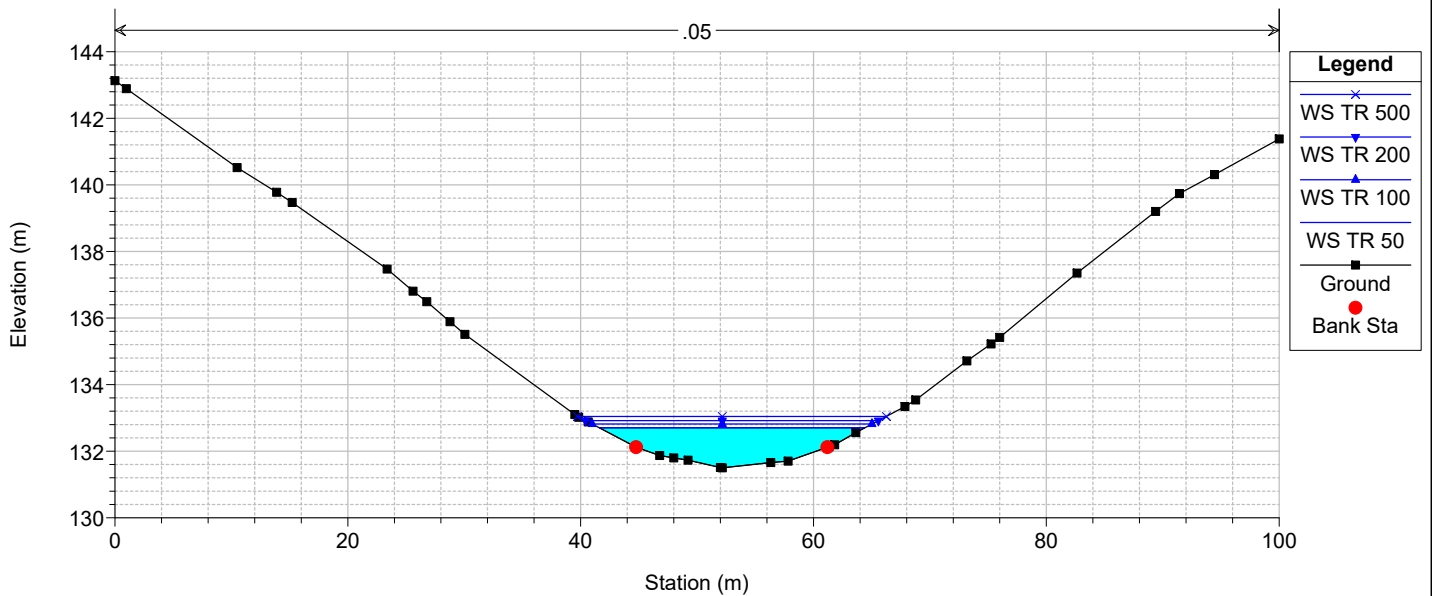
Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

River = Trainu_Ispirida Reach = D29 RS = 5879.936 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



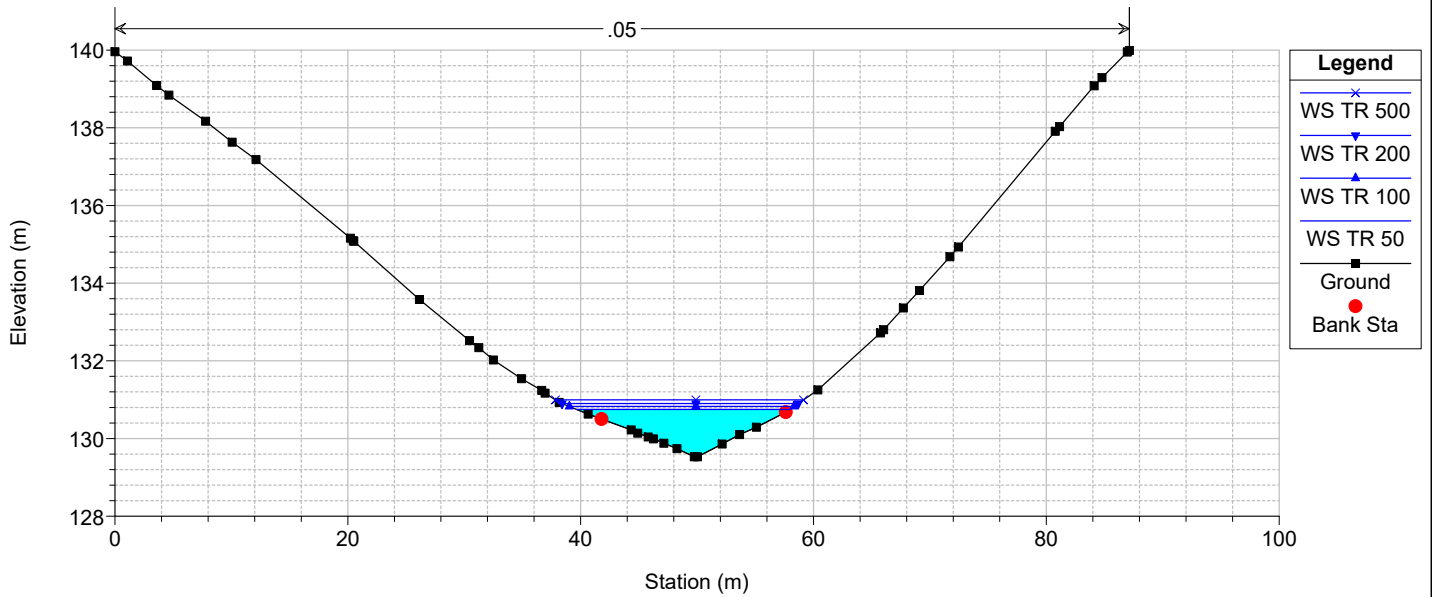
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Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

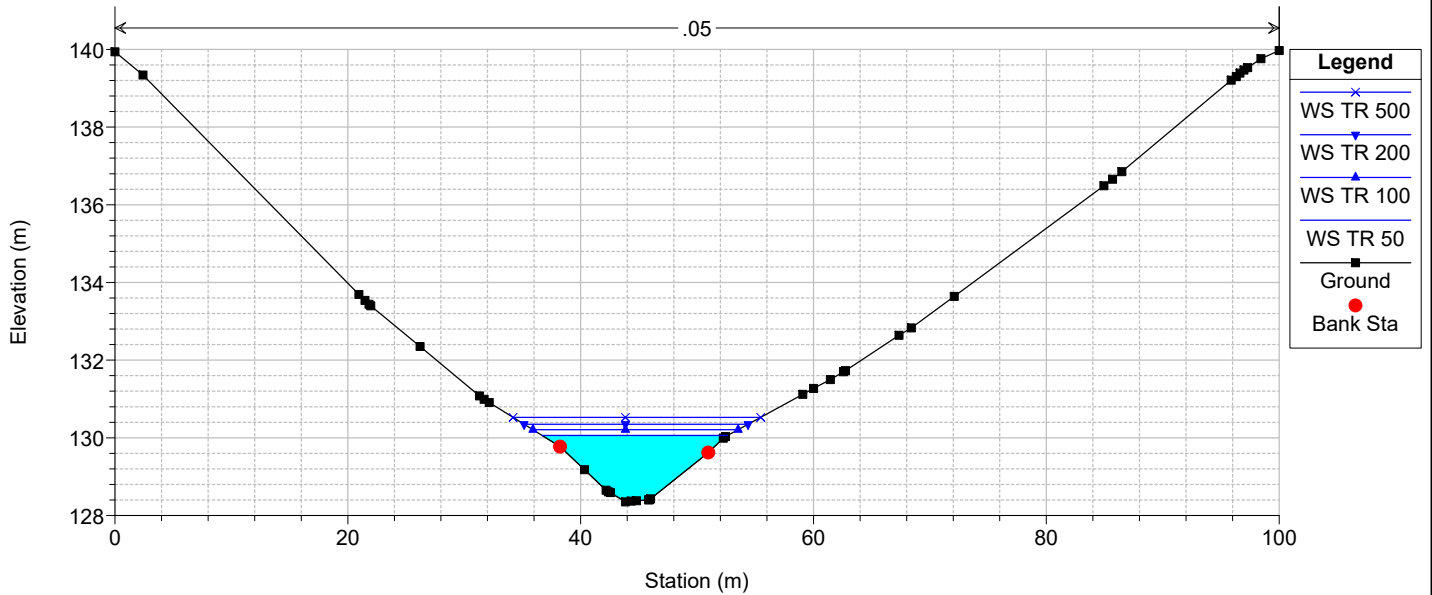
River = Trainu_Ispirida Reach = D29 RS = 5740 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

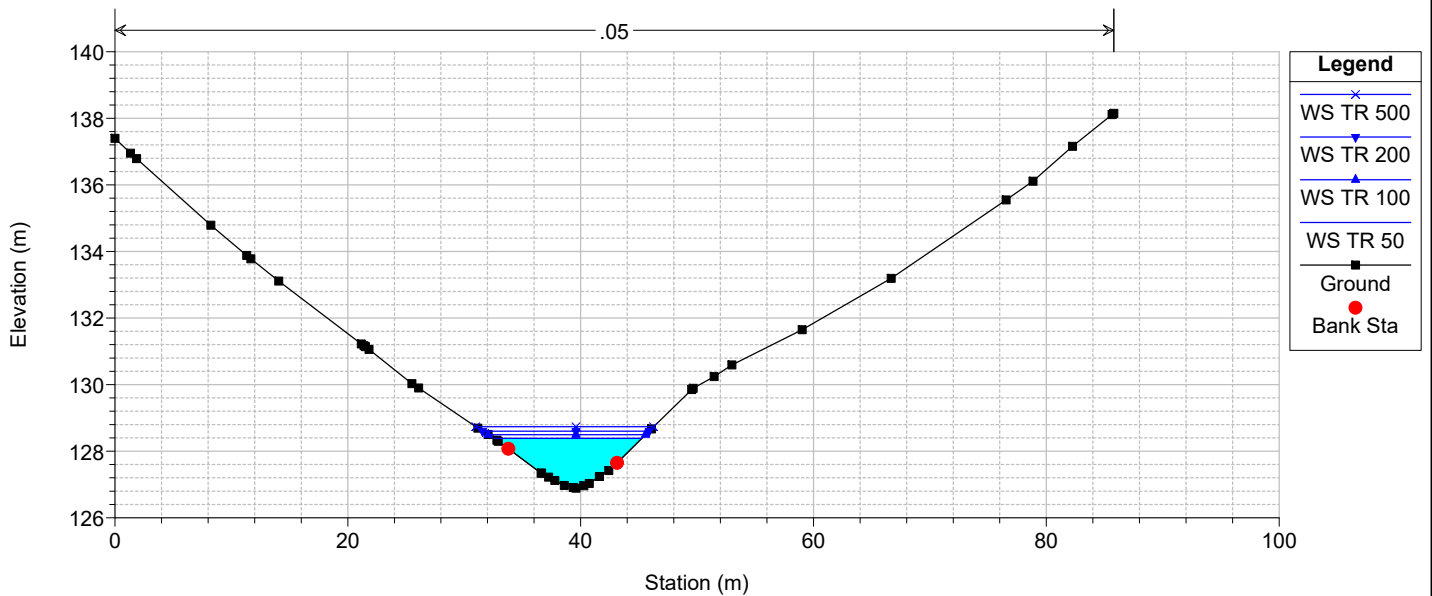
River = Trainu_Ispirida Reach = D29 RS = 5704.801 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

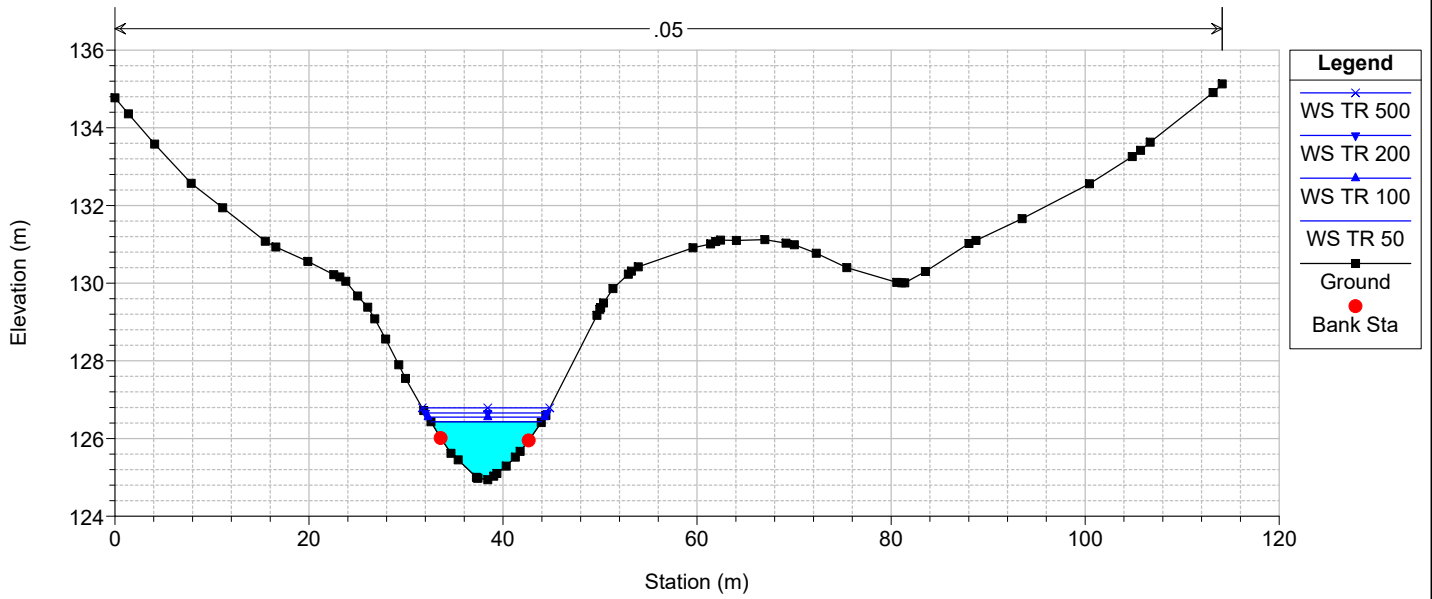
River = Trainu_Ispirida Reach = D29 RS = 5670 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

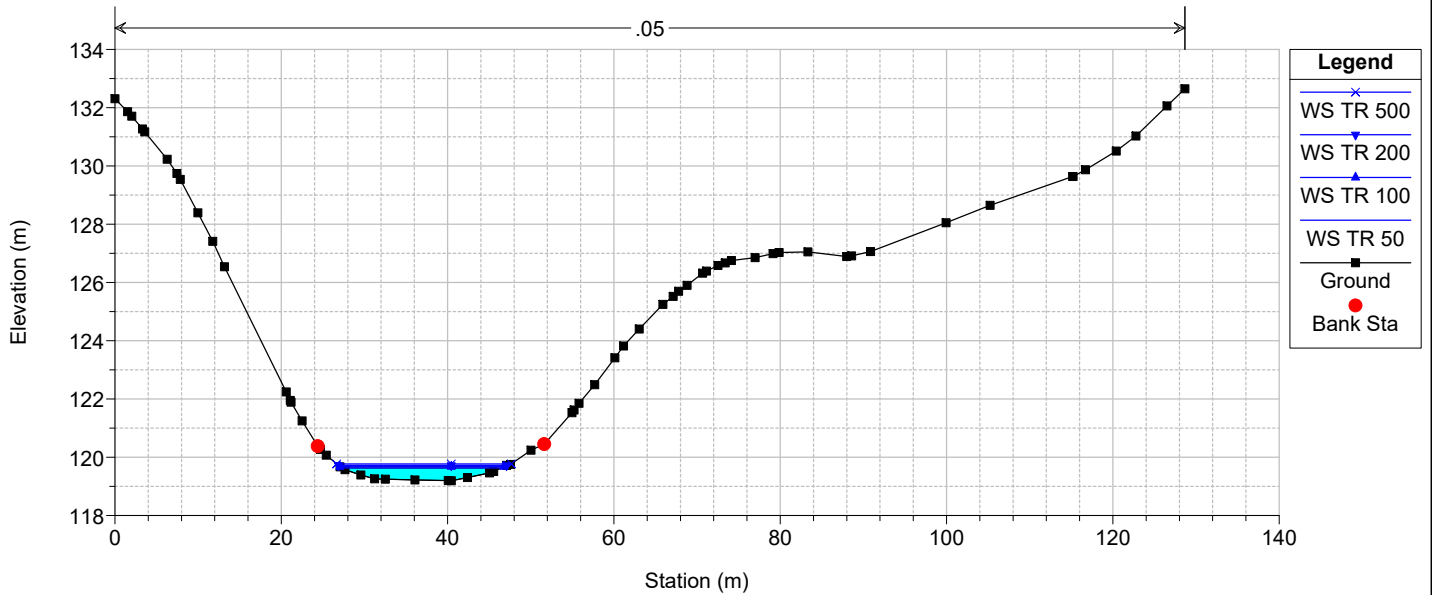
River = Trainu_Ispirida Reach = D29 RS = 5635 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

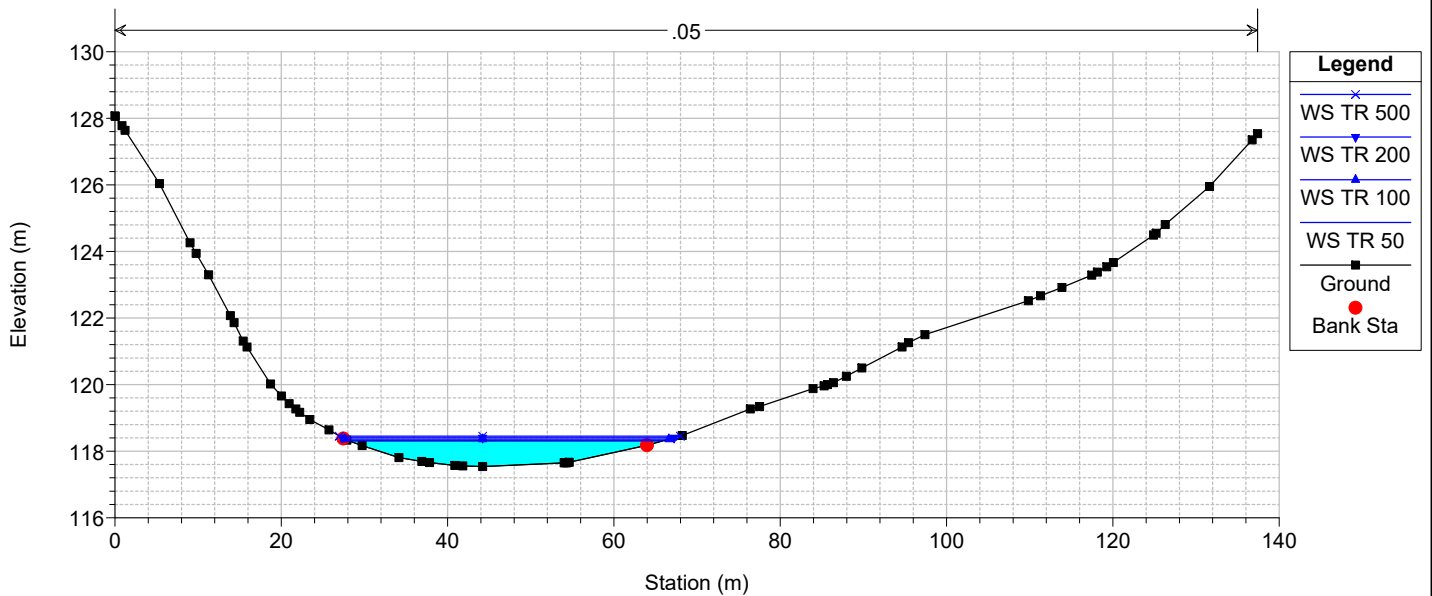
River = Trainu_Ispirida Reach = D29 RS = 5600.099 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

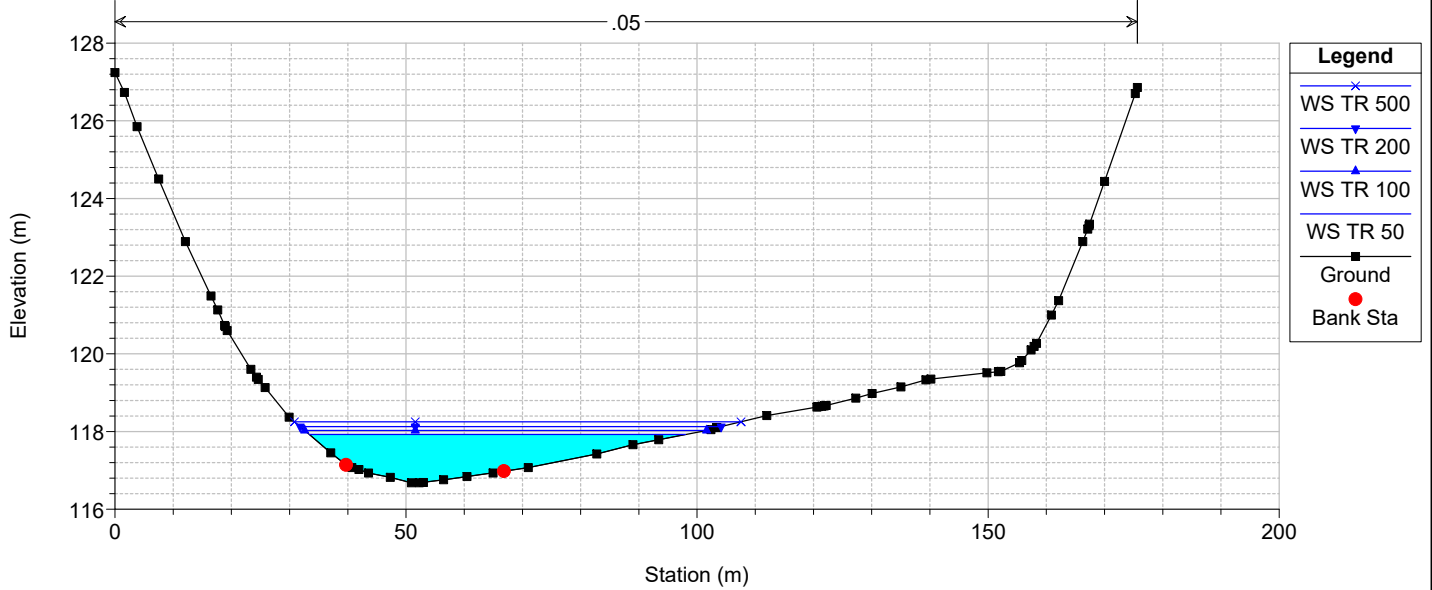
River = Trainu_Ispirida Reach = D29 RS = 5565 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

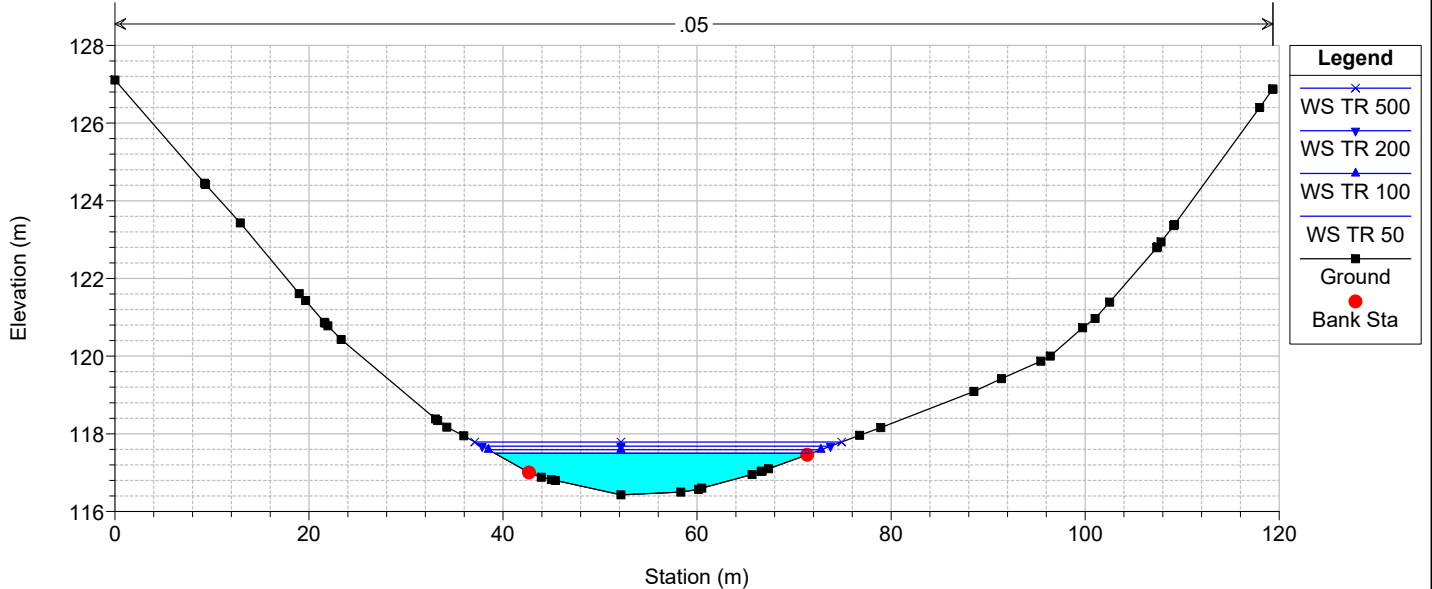
River = Trainu_Ispirida Reach = D29 RS = 5530.083 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

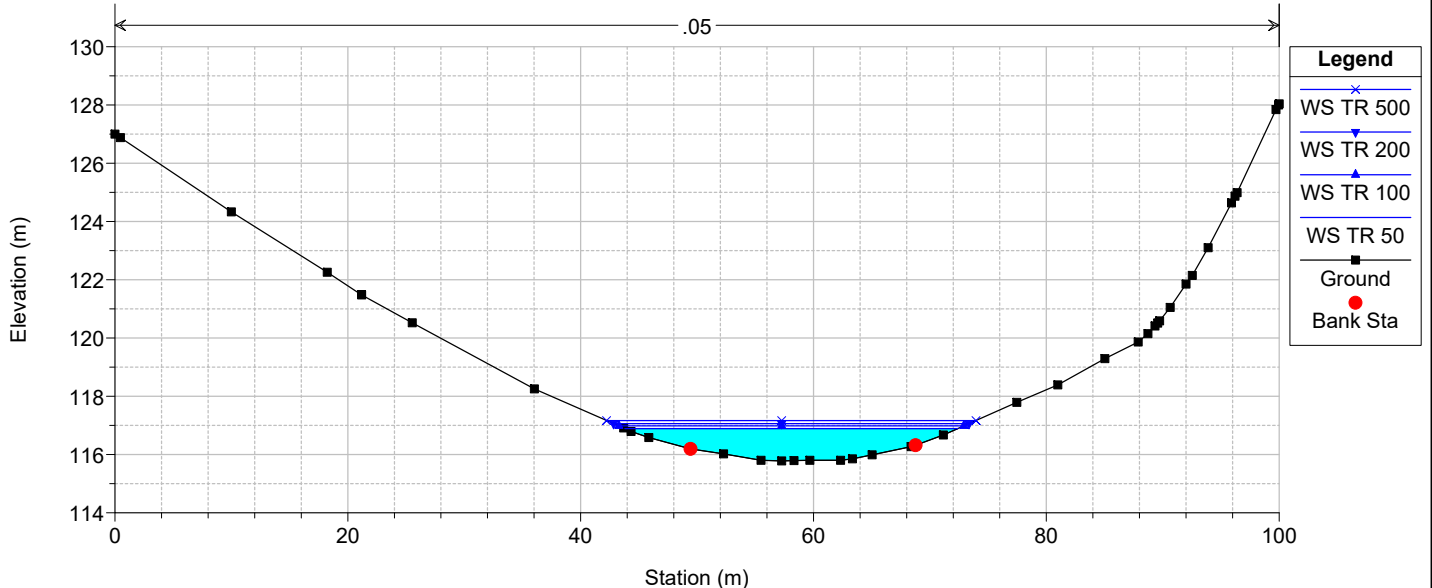
River = Trainu_Ispirida Reach = D29 RS = 5495 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

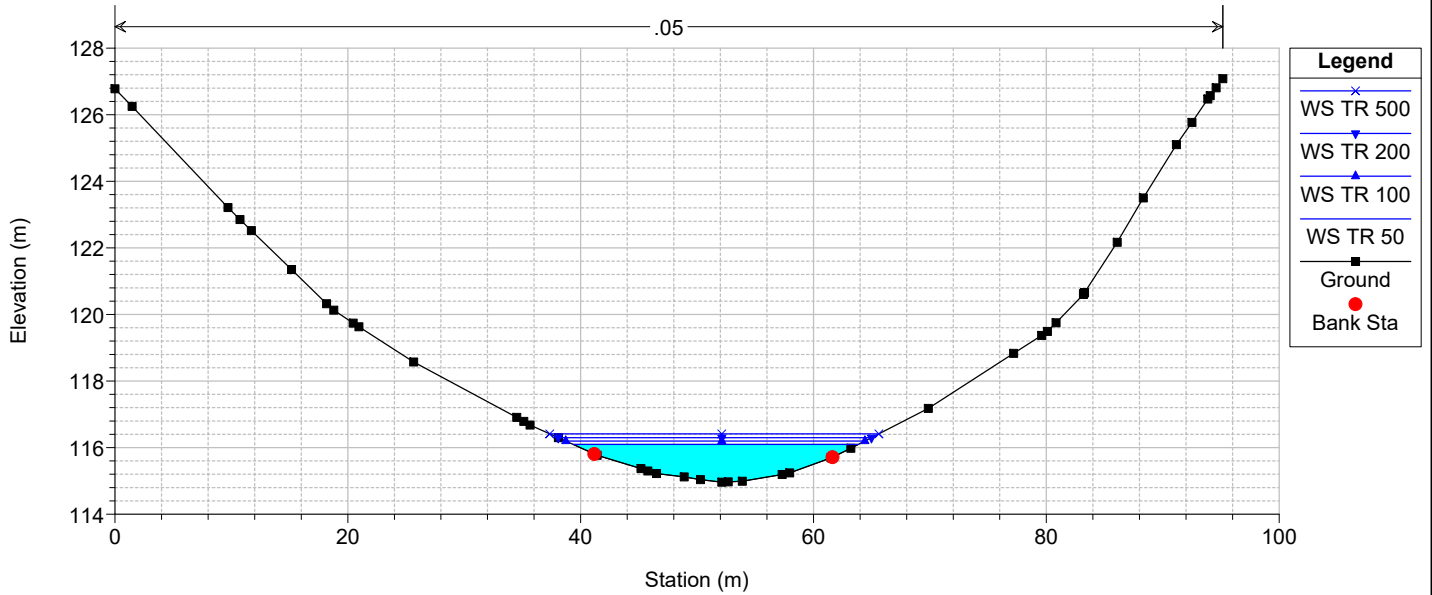
River = Trainu_Ispirida Reach = D29 RS = 5460 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

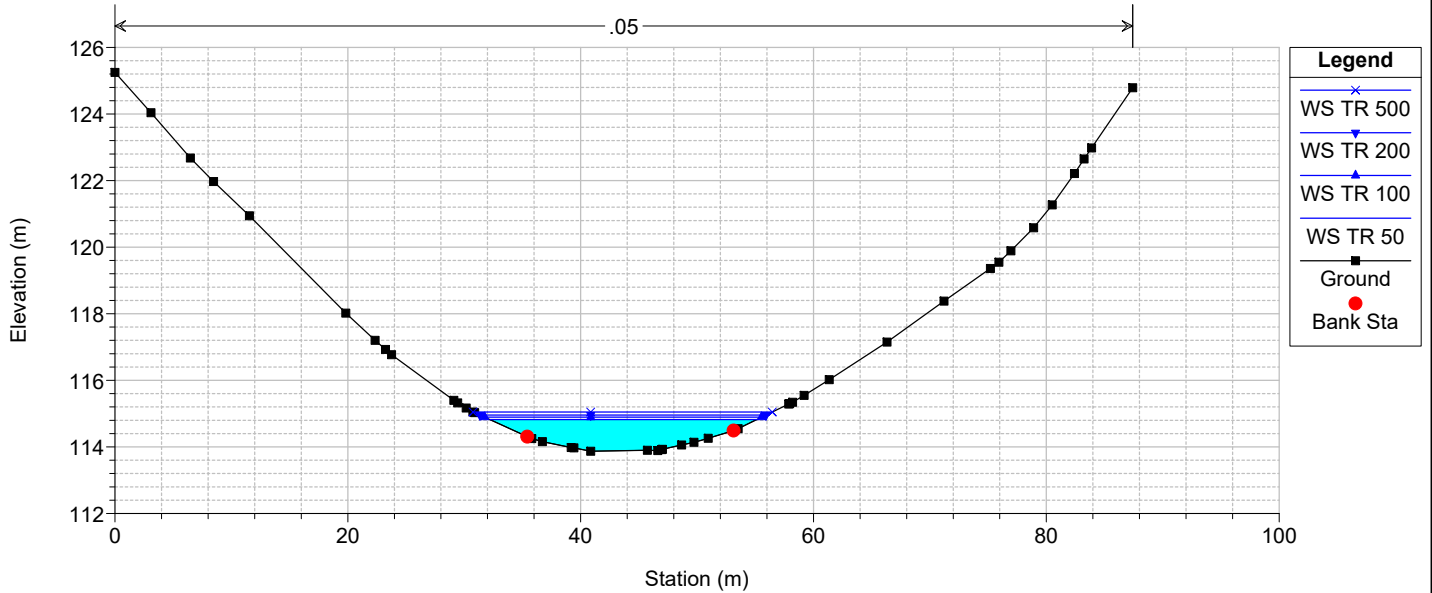
River = Trainu_Ispirida Reach = D29 RS = 5425 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

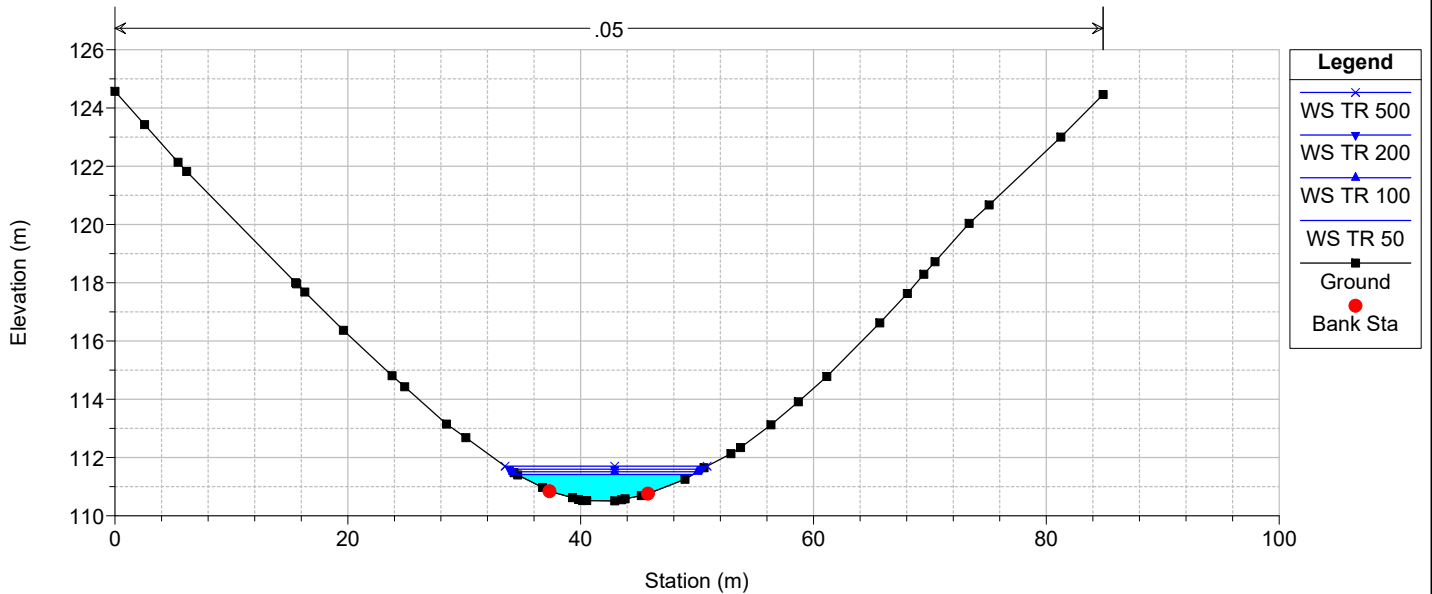
River = Trainu_Ispirida Reach = D29 RS = 5390 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

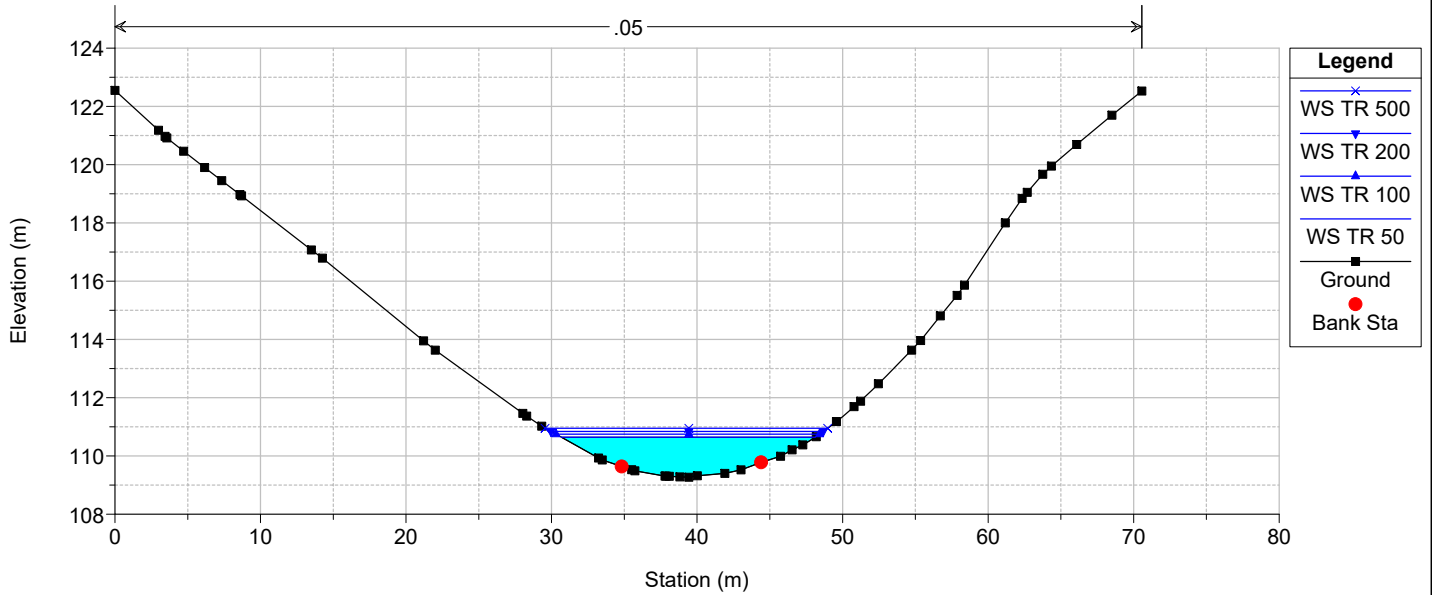
River = Trainu_Ispirida Reach = D29 RS = 5355 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

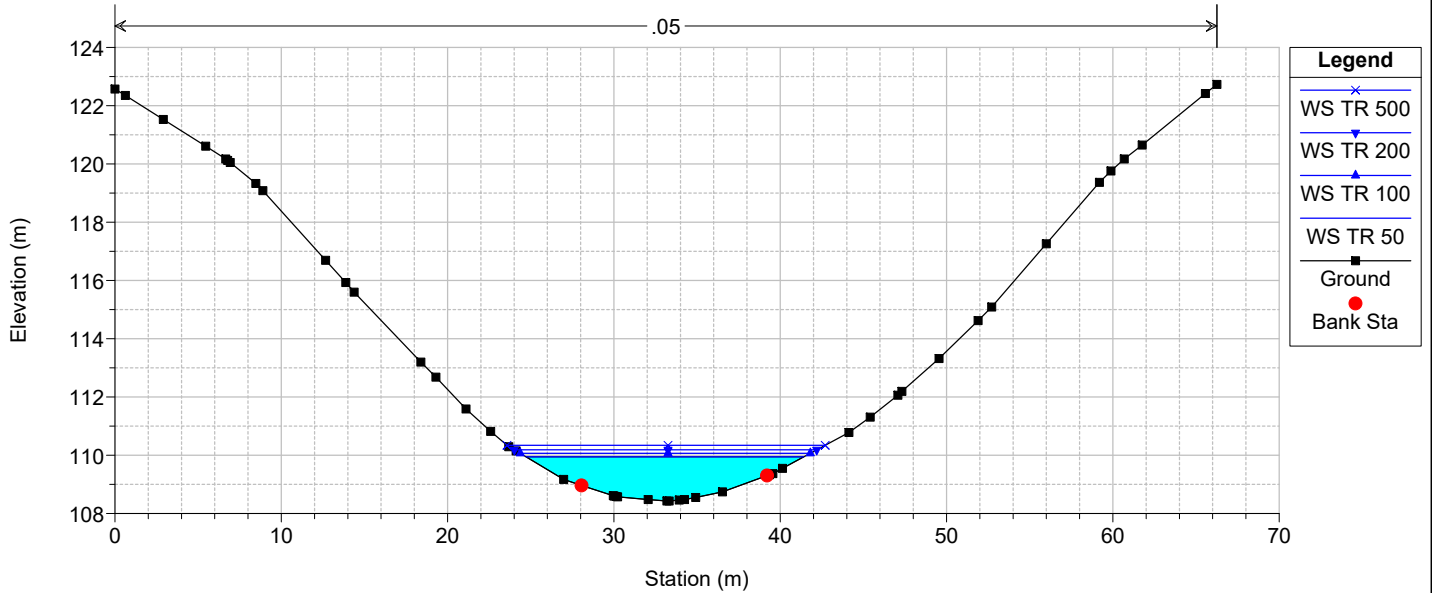
River = Trainu_Ispirida Reach = D29 RS = 5320 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

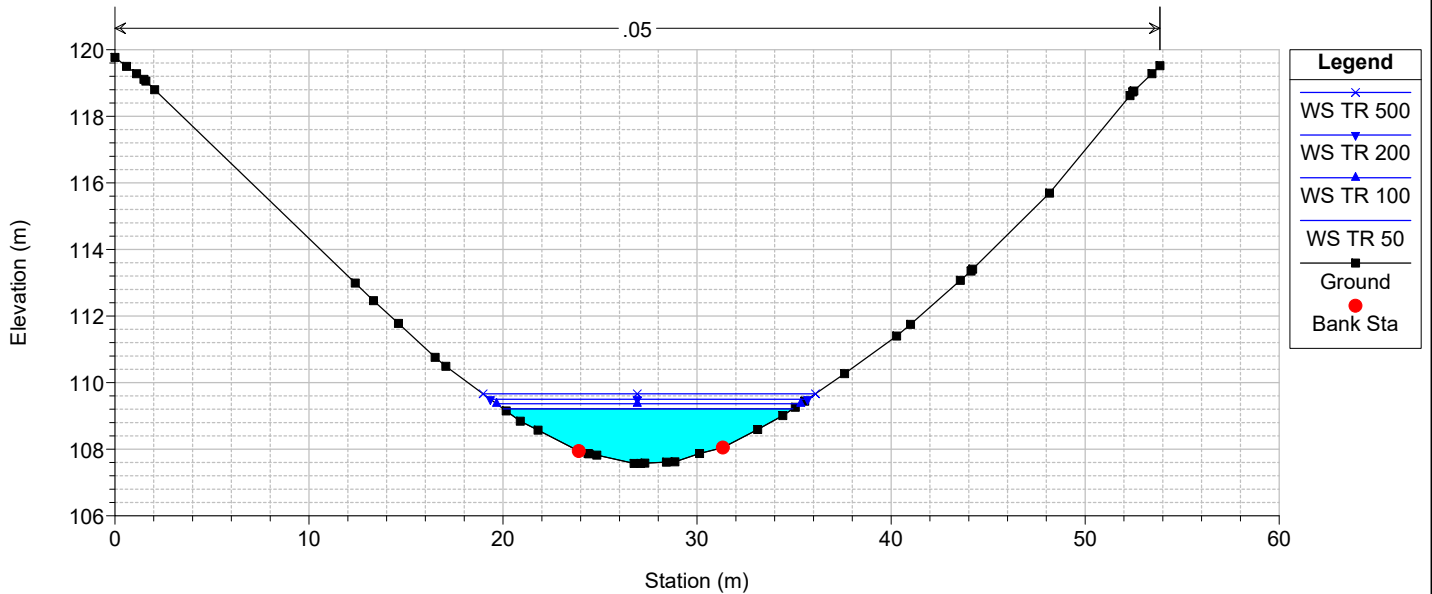
River = Trainu_Ispirida Reach = D29 RS = 5285 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

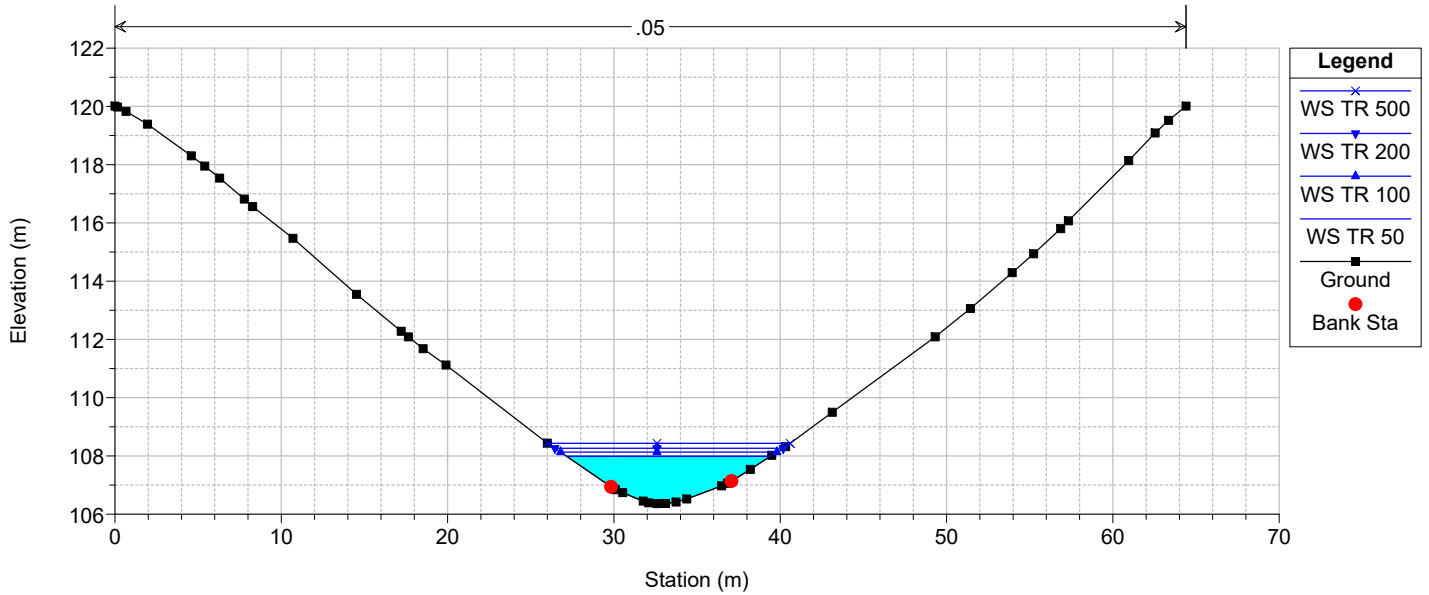
River = Trainu_Ispirida Reach = D29 RS = 5250 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

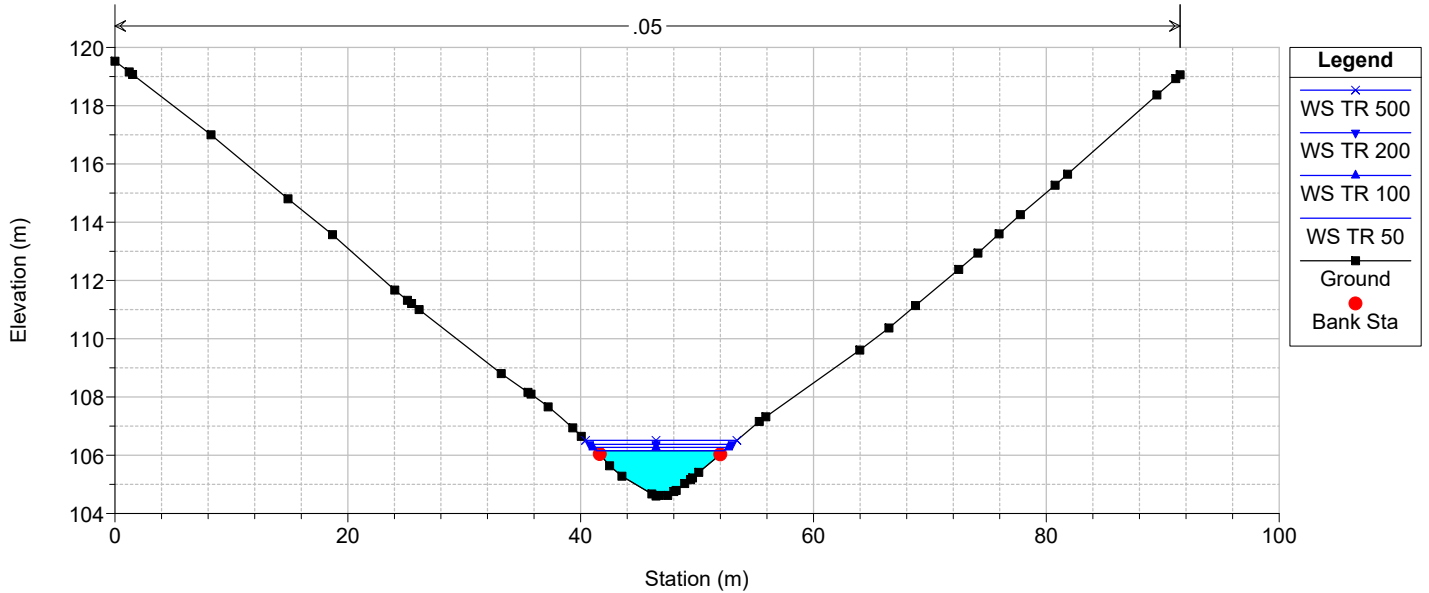
River = Trainu_Ispirida Reach = D29 RS = 5215 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

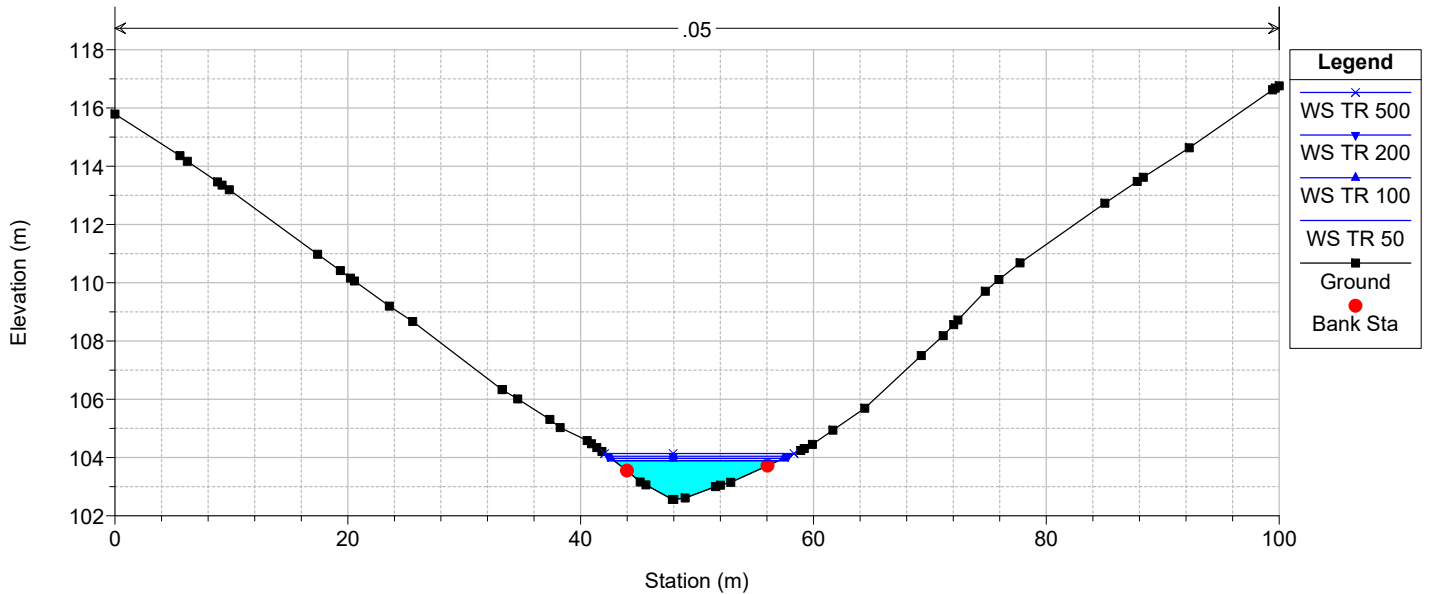
River = Trainu_Ispirida Reach = D29 RS = 5180 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

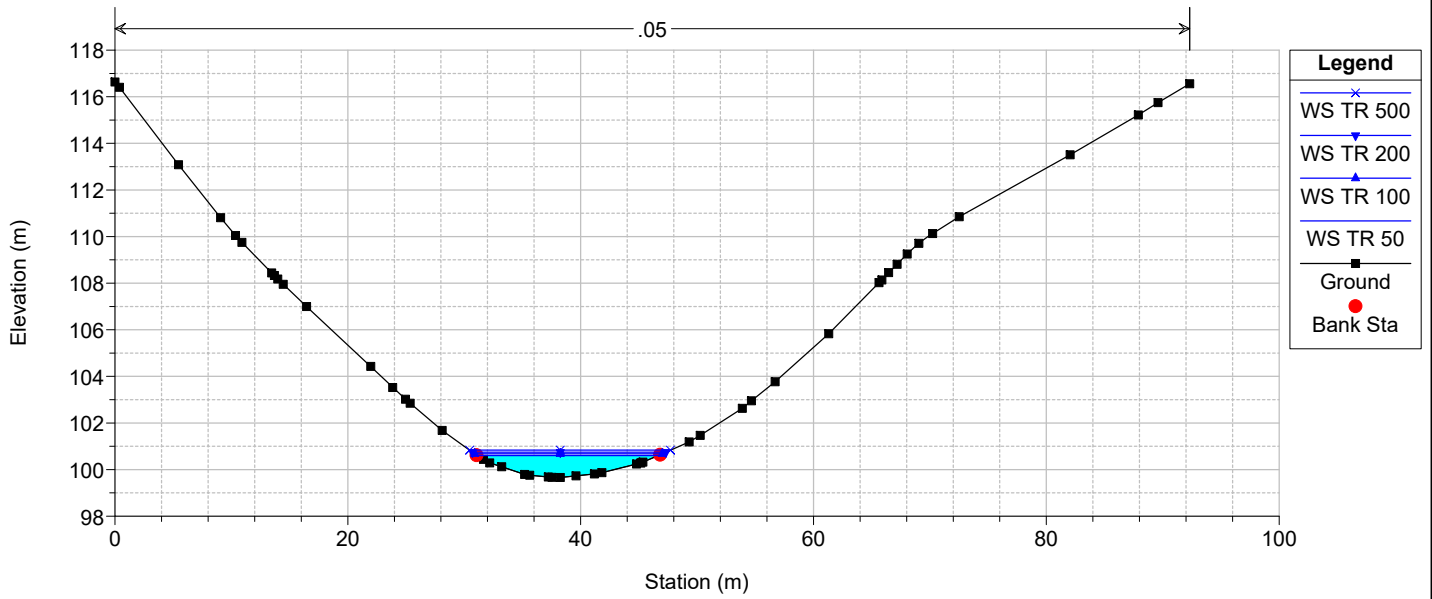
River = Trainu_Ispirida Reach = D29 RS = 5145 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

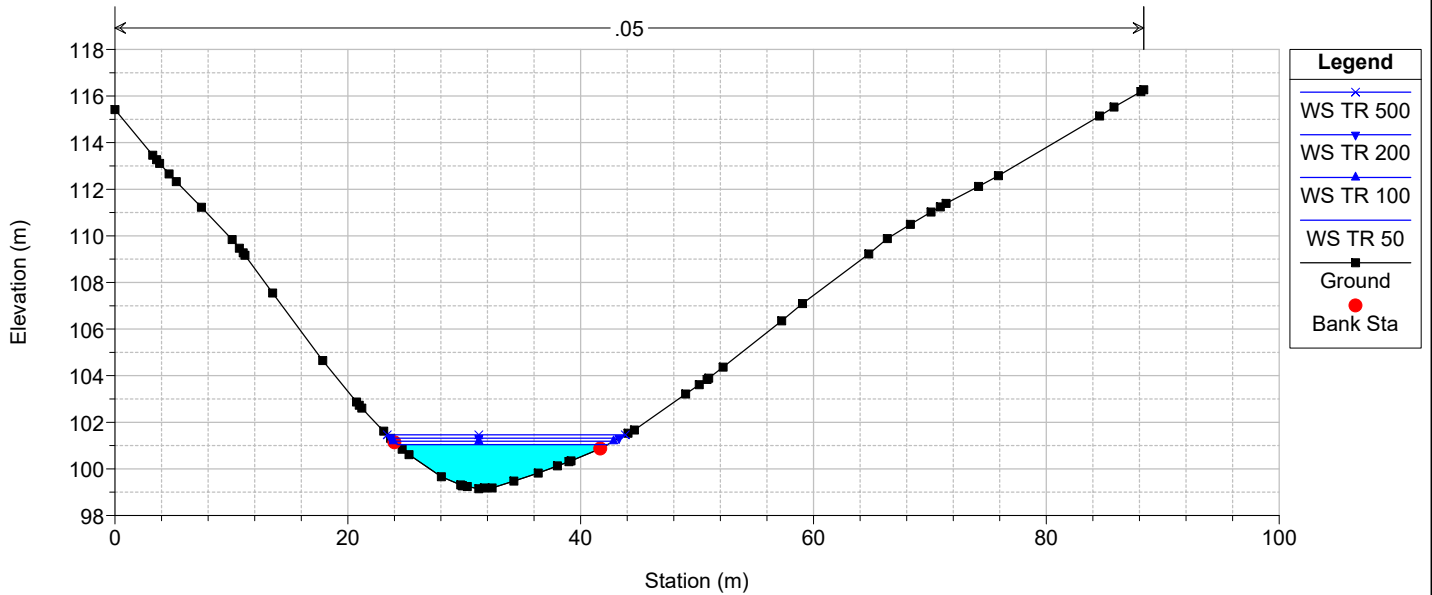
River = Trainu_Ispirida Reach = D29 RS = 5110 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

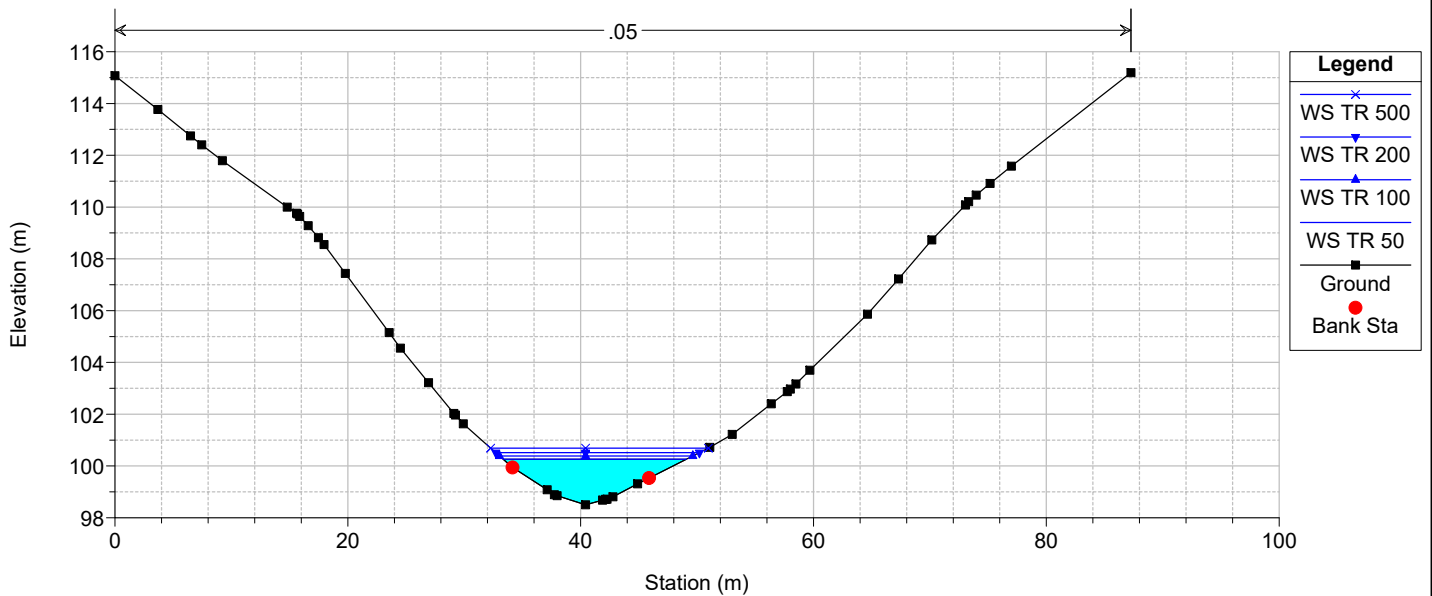
River = Trainu_Ispirida Reach = D29 RS = 5075 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

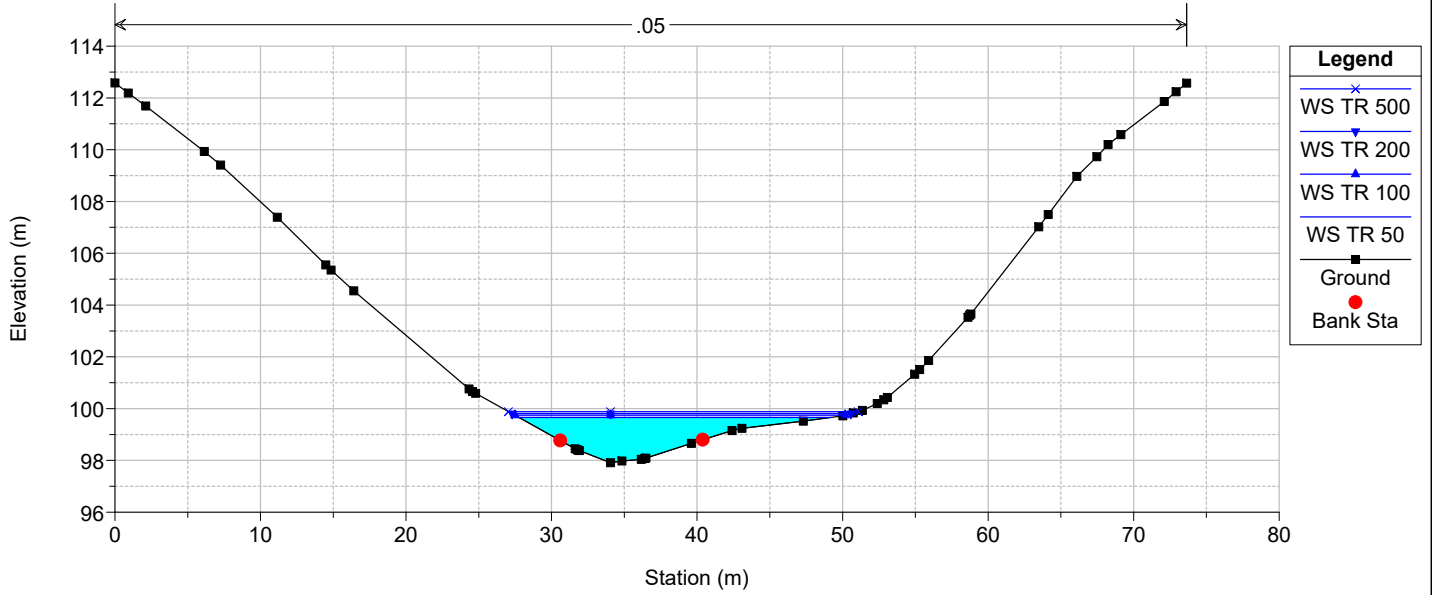
River = Trainu_Ispirida Reach = D29 RS = 5040 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

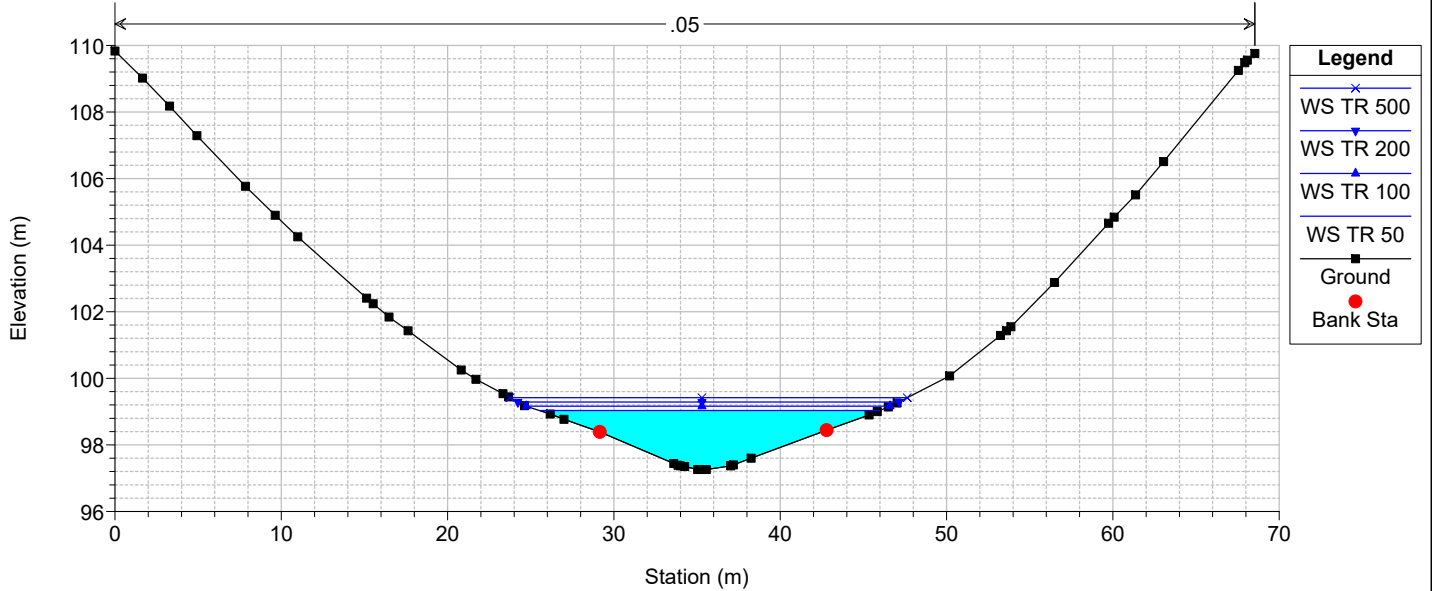
River = Trainu_Ispirida Reach = D29 RS = 5005 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

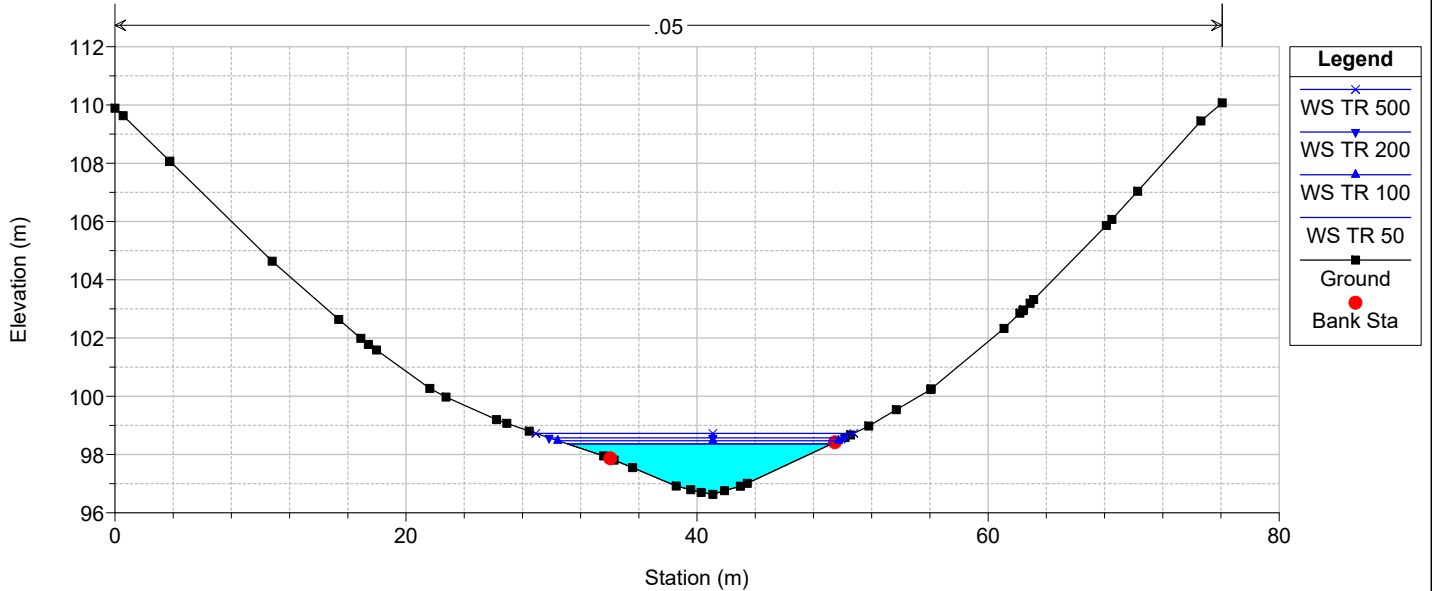
River = Trainu_Ispirida Reach = D29 RS = 4970 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

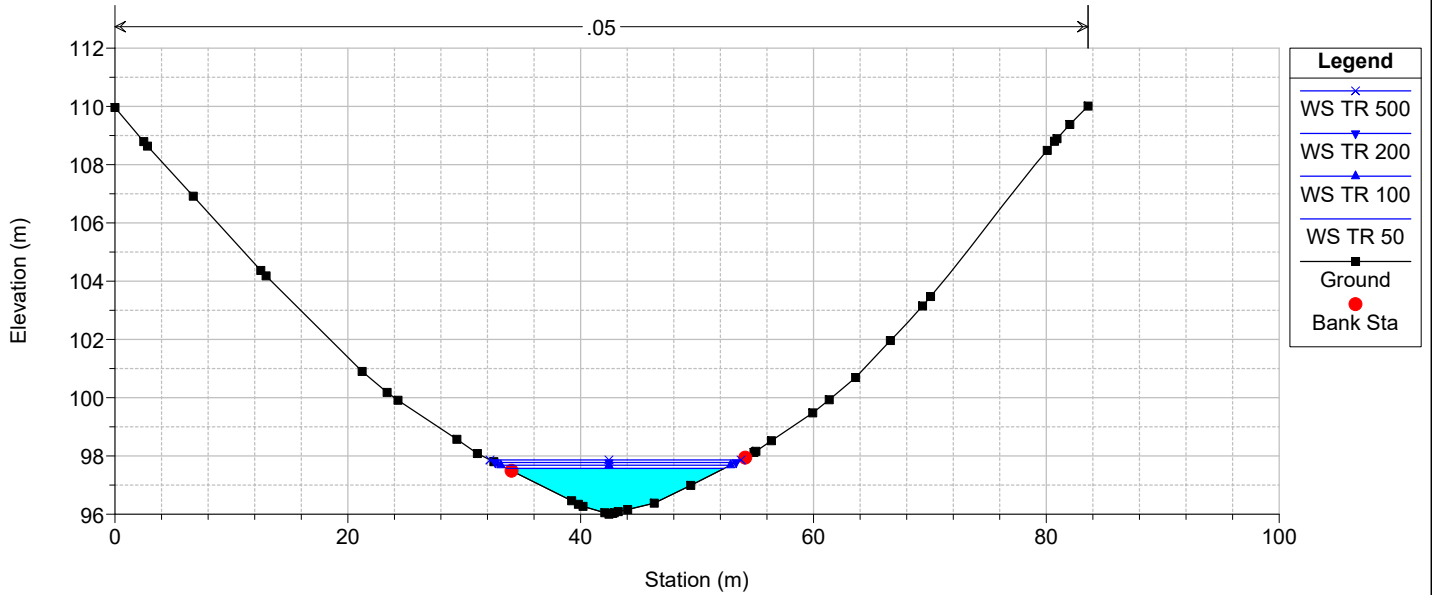
River = Trainu_Ispirida Reach = D29 RS = 4935 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

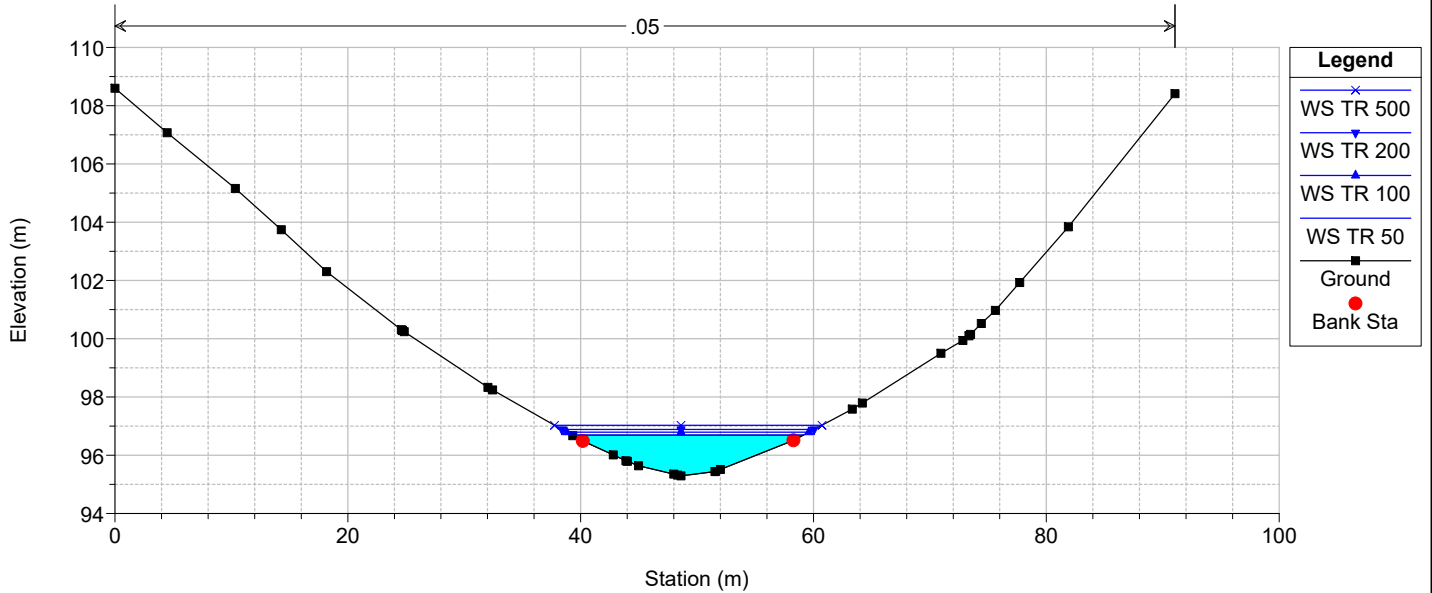
River = Trainu_Ispirida Reach = D29 RS = 4900 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

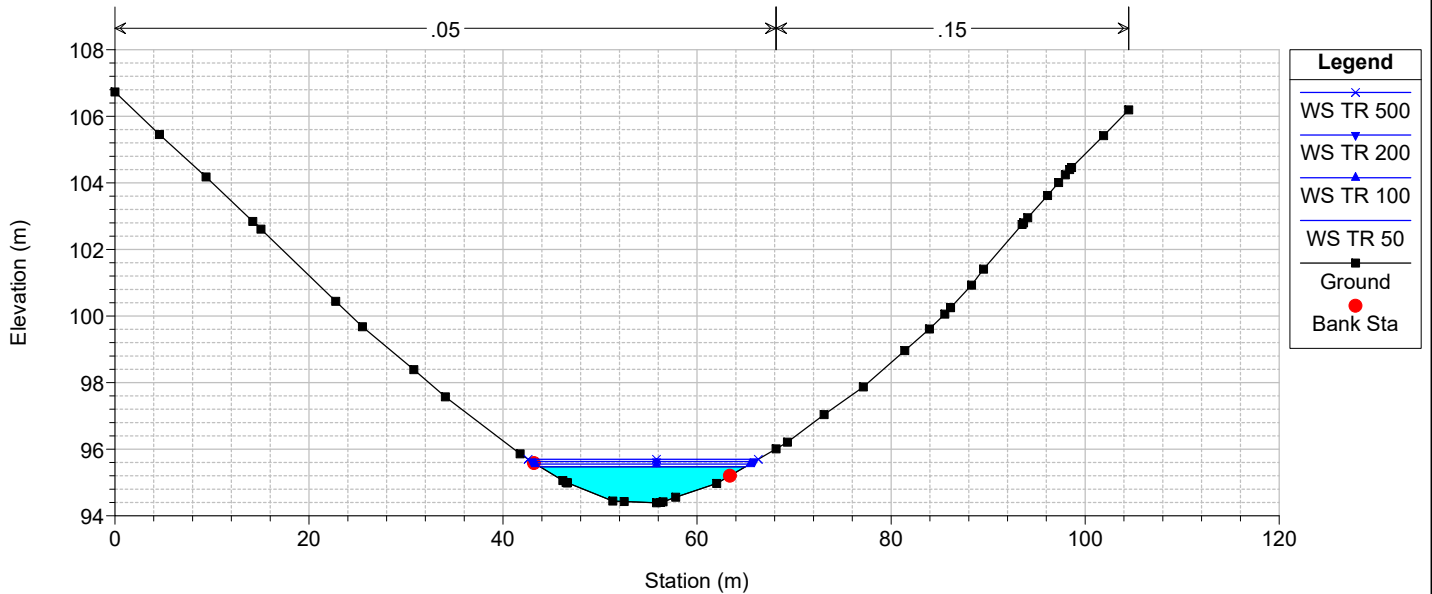
River = Trainu_Ispirida Reach = D29 RS = 4865 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

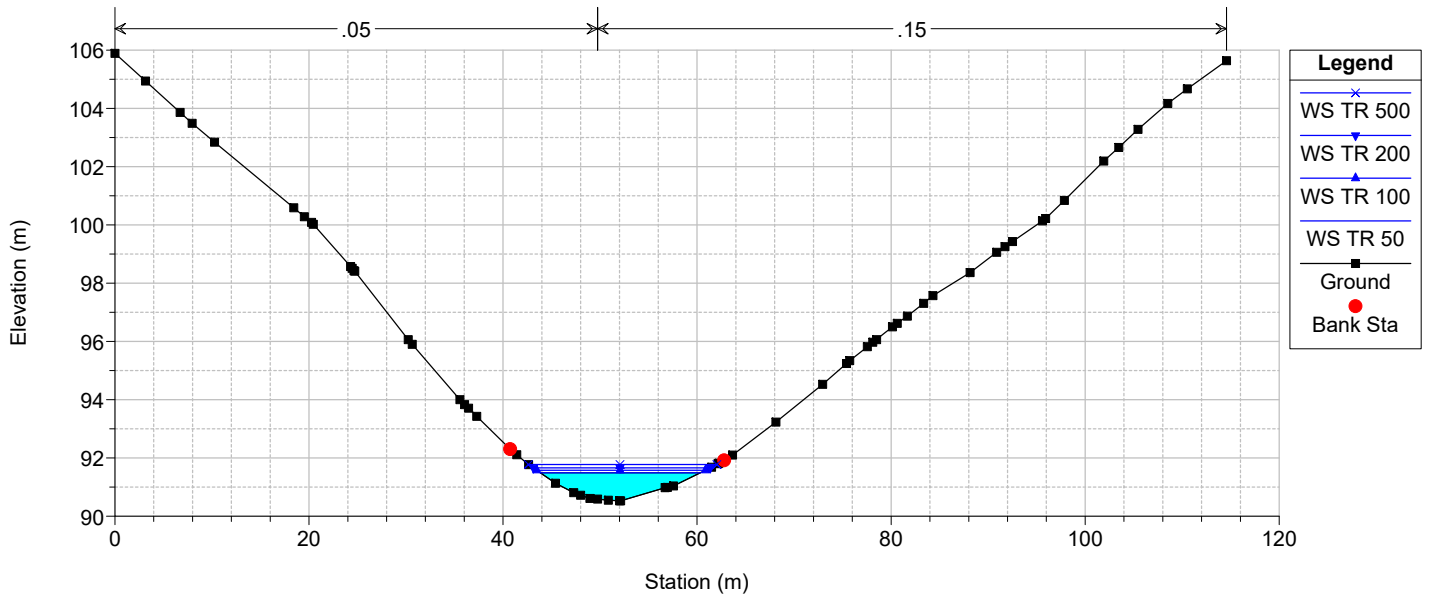
River = Trainu_Ispirida Reach = D29 RS = 4830.104 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

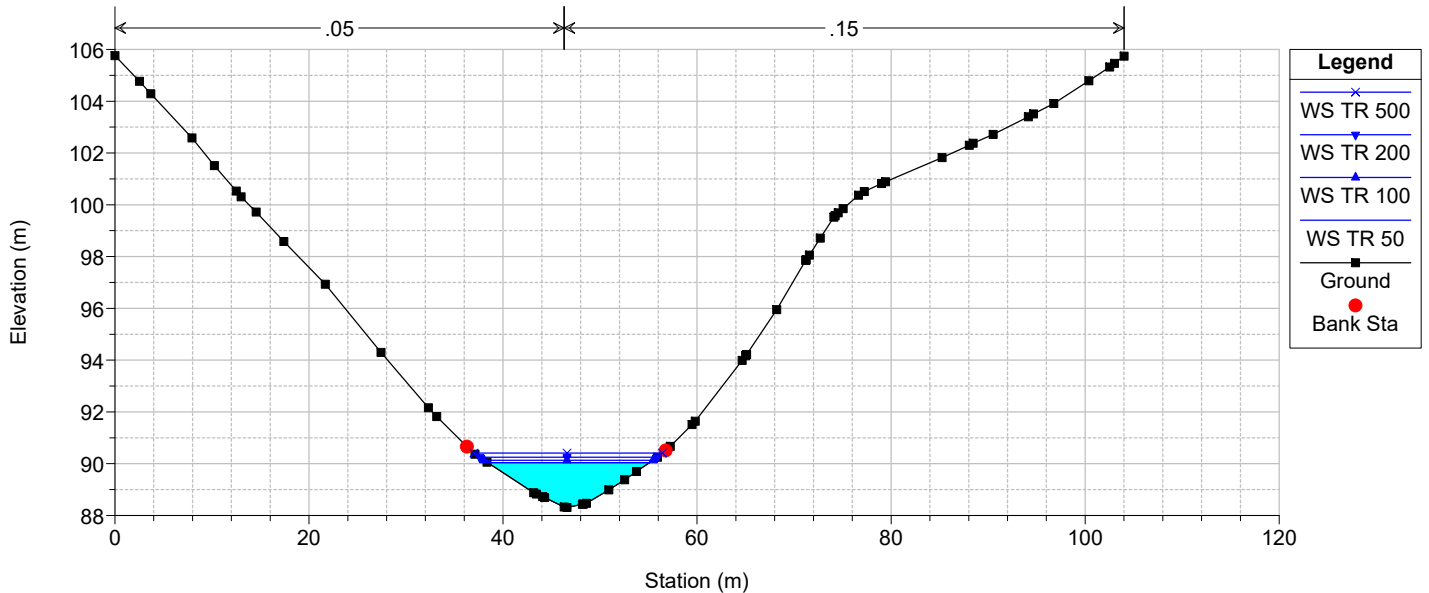
River = Trainu_Ispirida Reach = D29 RS = 4795.099 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

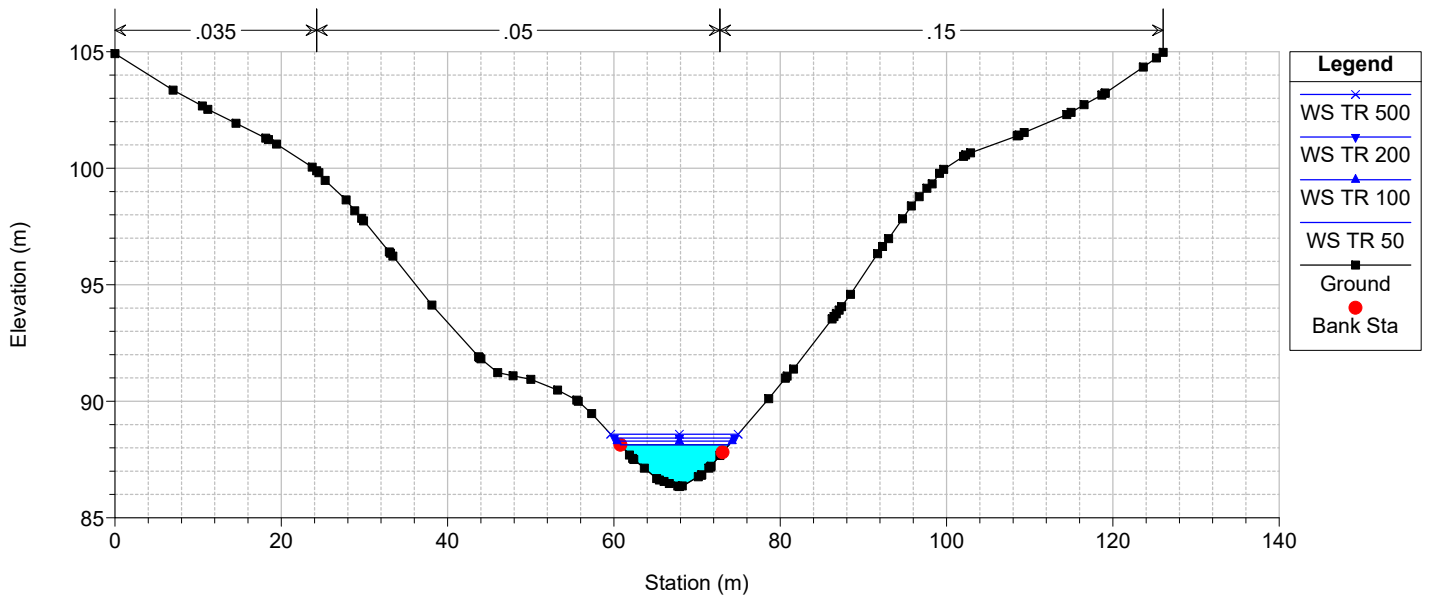
River = Trainu_Ispirida Reach = D29 RS = 4759.813 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

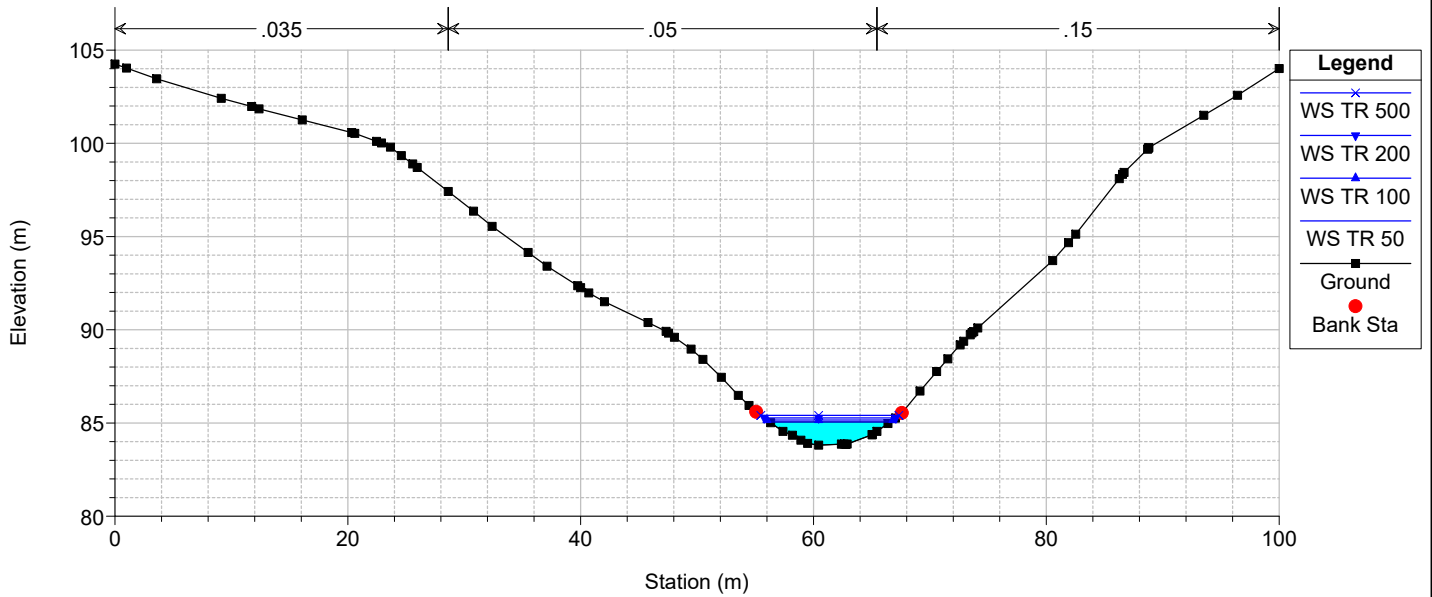
River = Trainu_Ispirida Reach = D29 RS = 4725 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

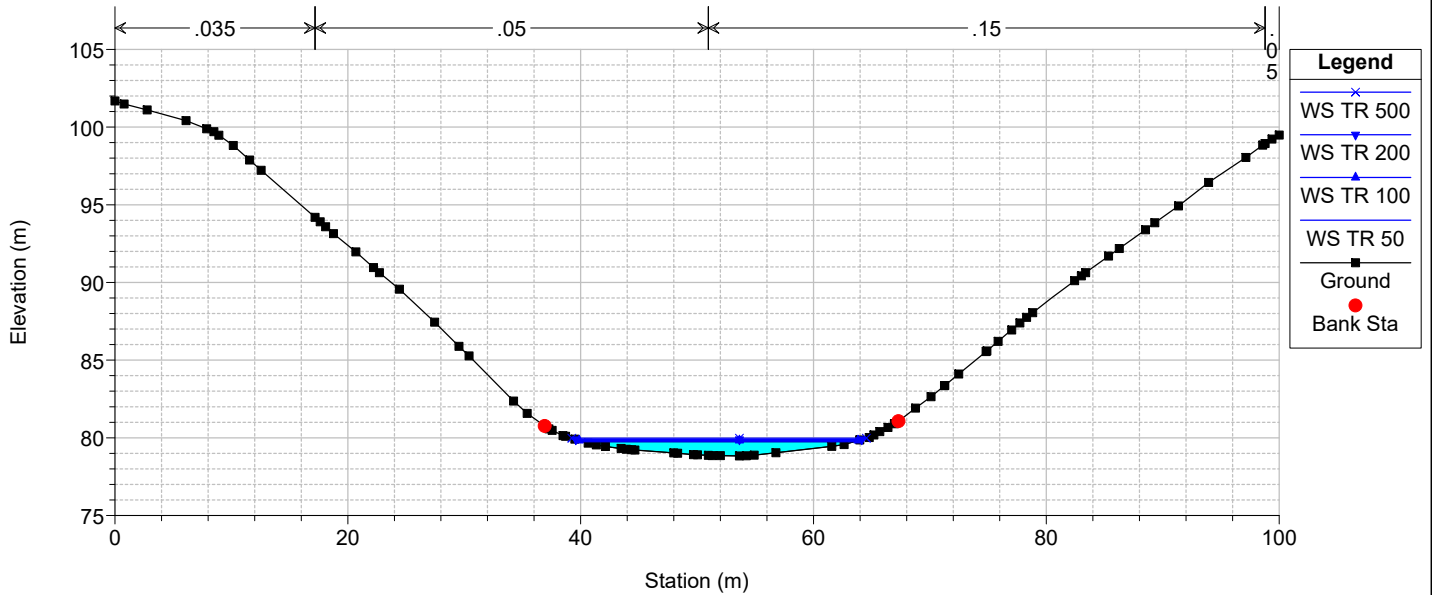
River = Trainu_Ispirida Reach = D29 RS = 4690.438 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

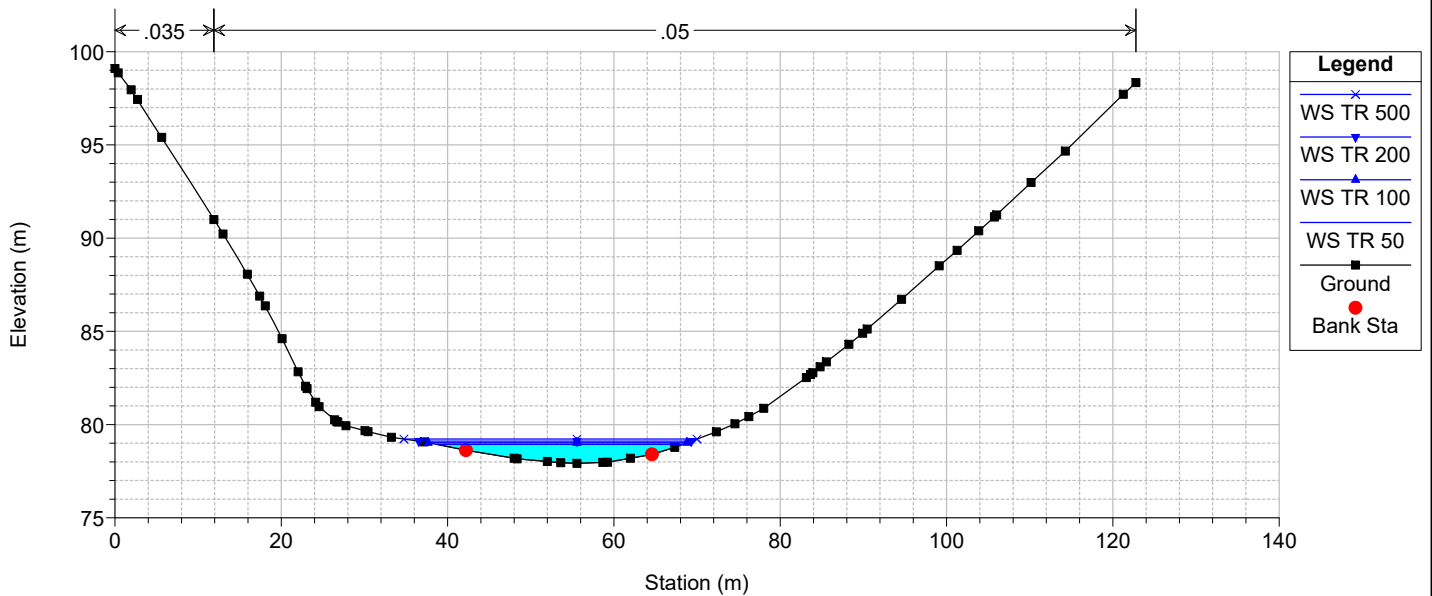
River = Trainu_Ispirida Reach = D29 RS = 4655 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

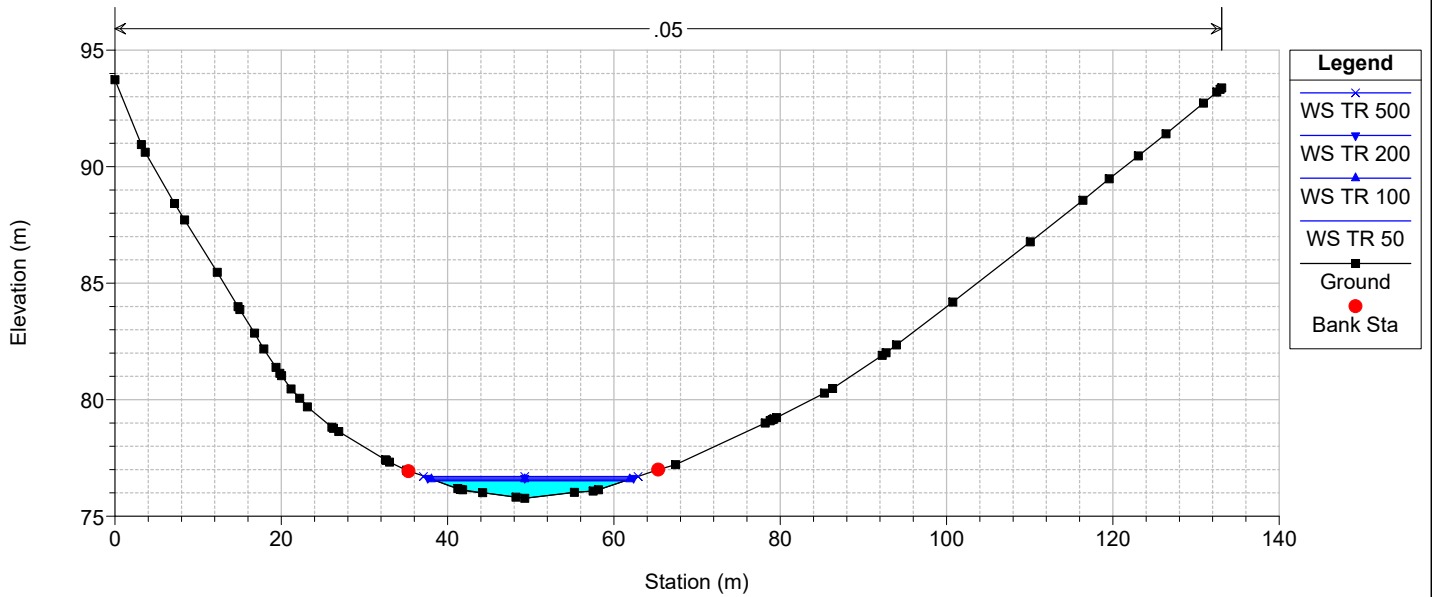
River = Trainu_Ispirida Reach = D29 RS = 4619.991 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

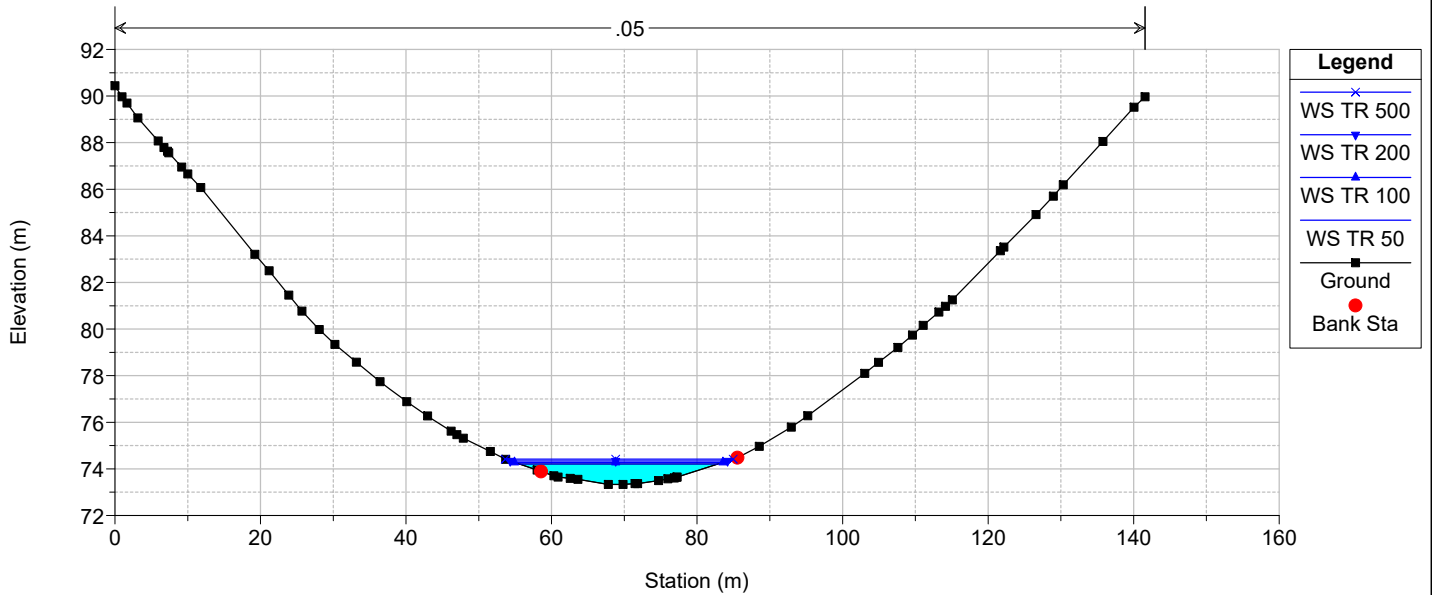
River = Trainu_Ispirida Reach = D29 RS = 4585.002 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

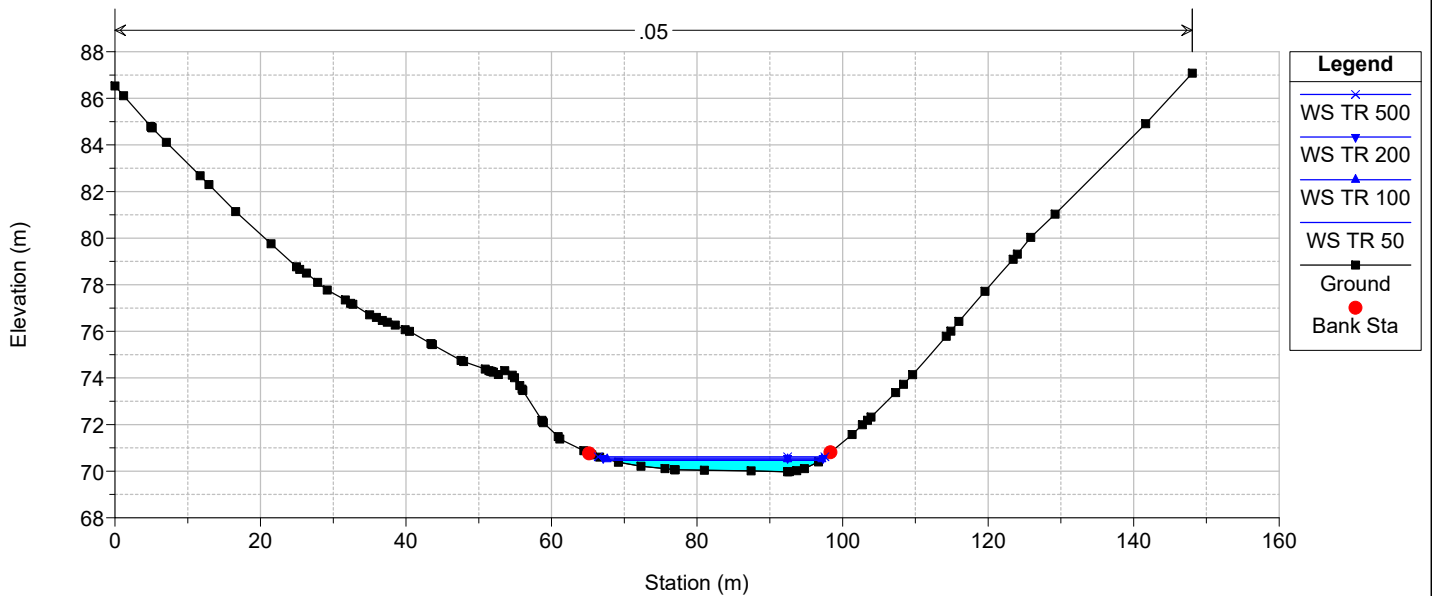
River = Trainu_Ispirida Reach = D29 RS = 4549.994 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

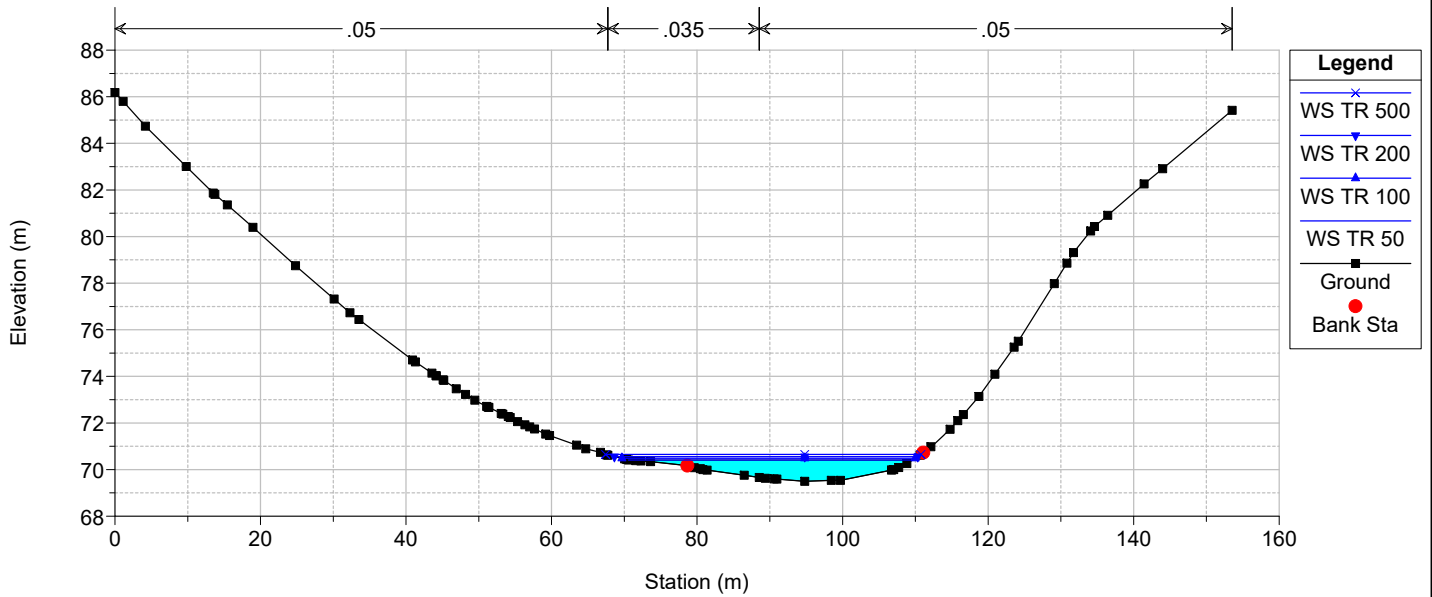
River = Trainu_Ispirida Reach = D29 RS = 4514.876 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

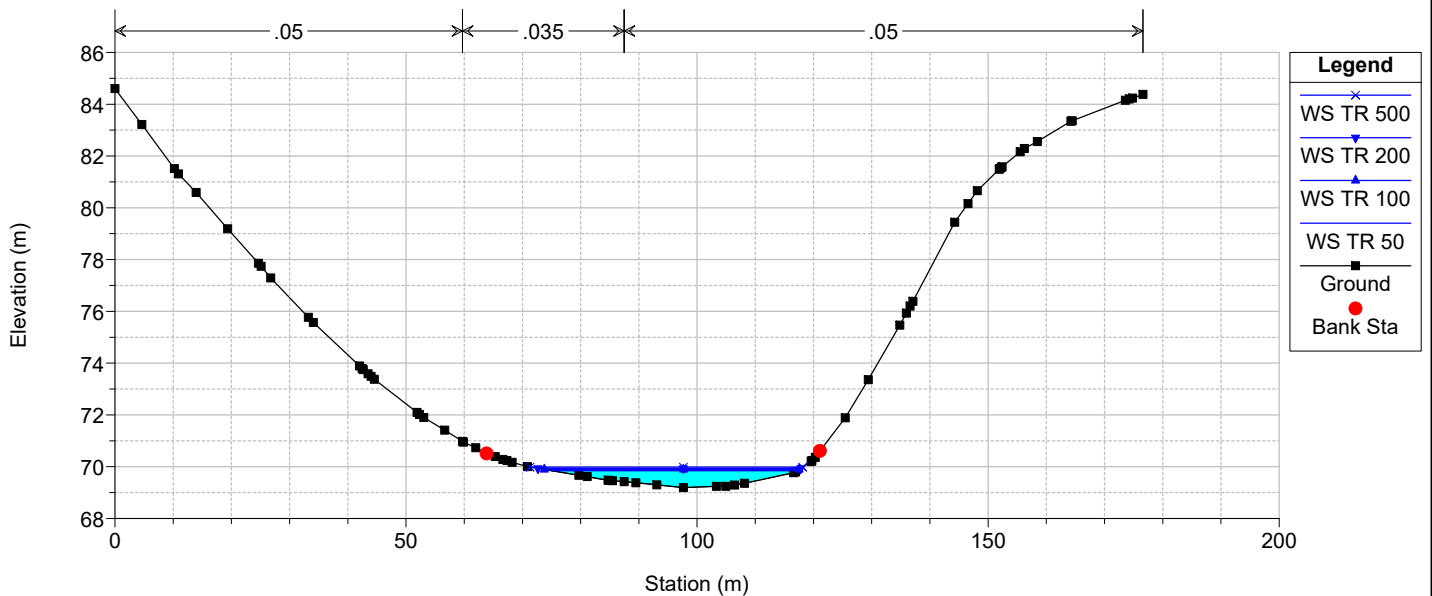
River = Trainu_Ispirida Reach = D29 RS = 4493.735 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

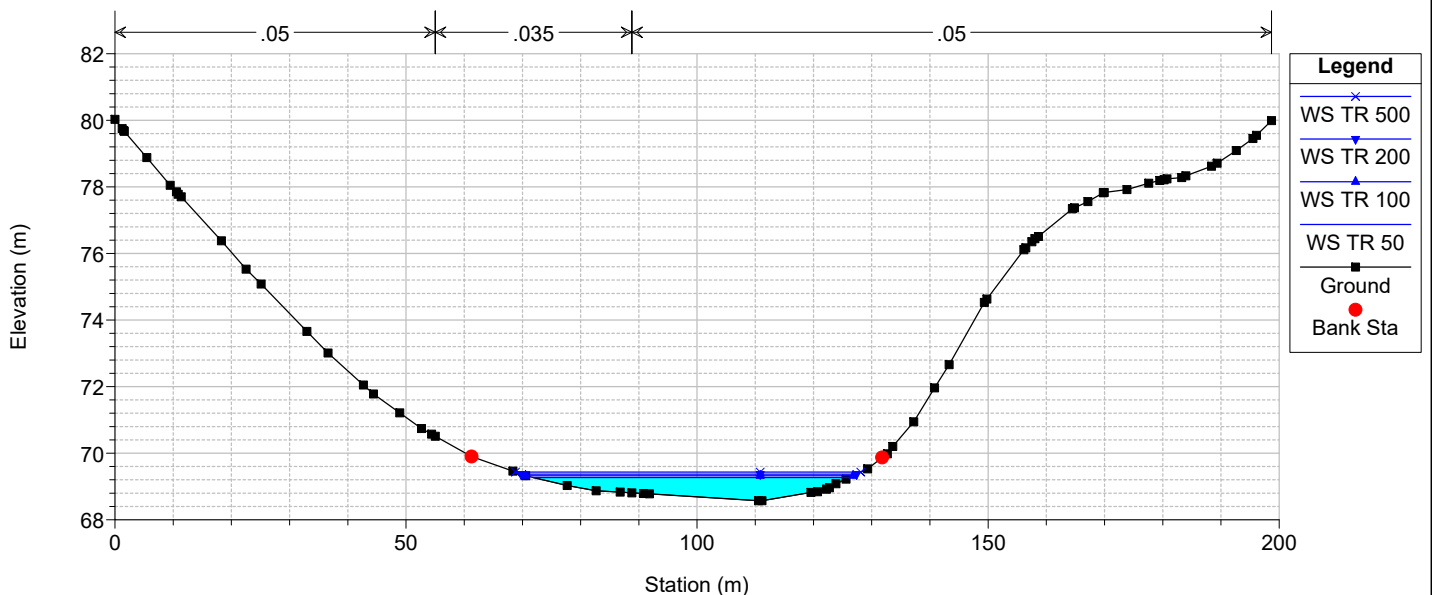
River = Trainu_Ispirida Reach = D29 RS = 4479.975 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

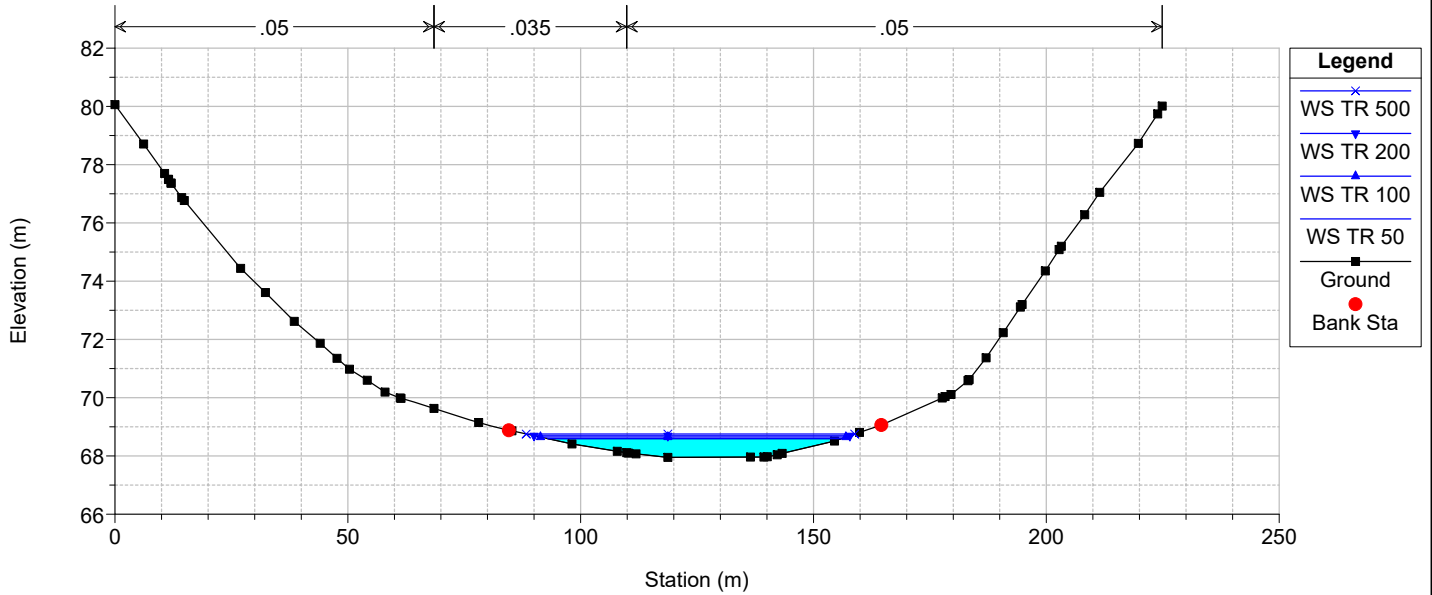
River = Trainu_Ispirida Reach = D29 RS = 4444.918 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

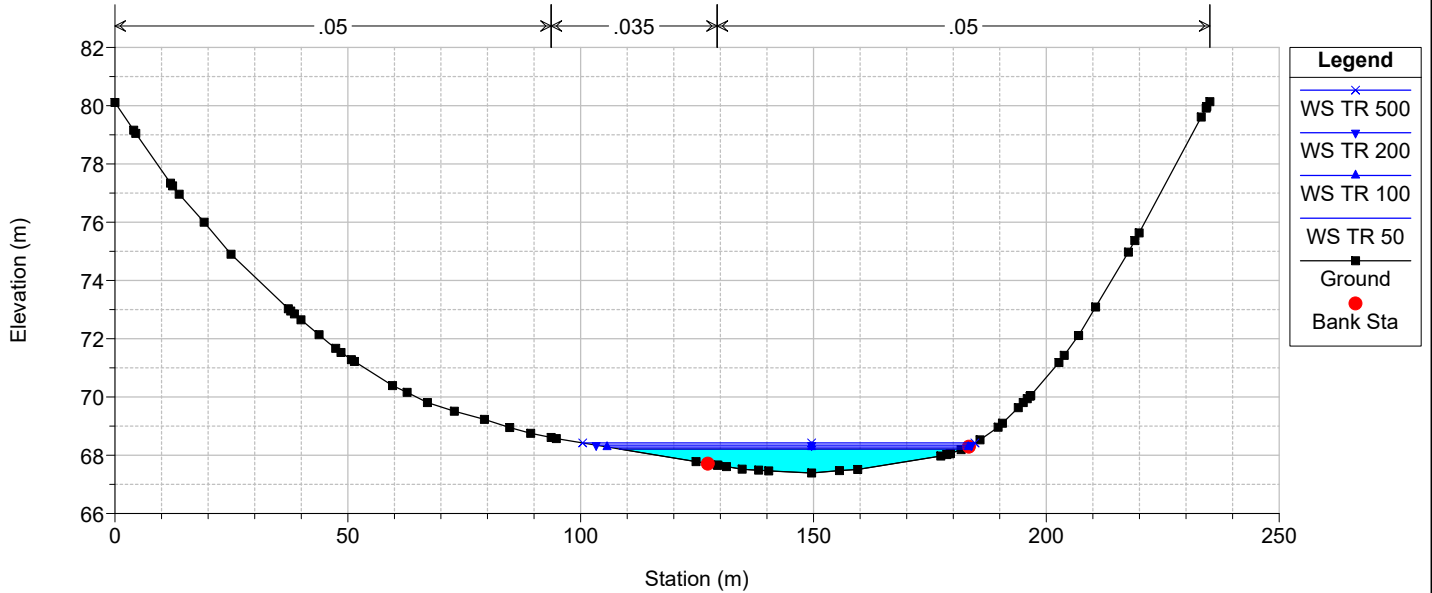
River = Trainu_Ispirida Reach = D29 RS = 4410 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

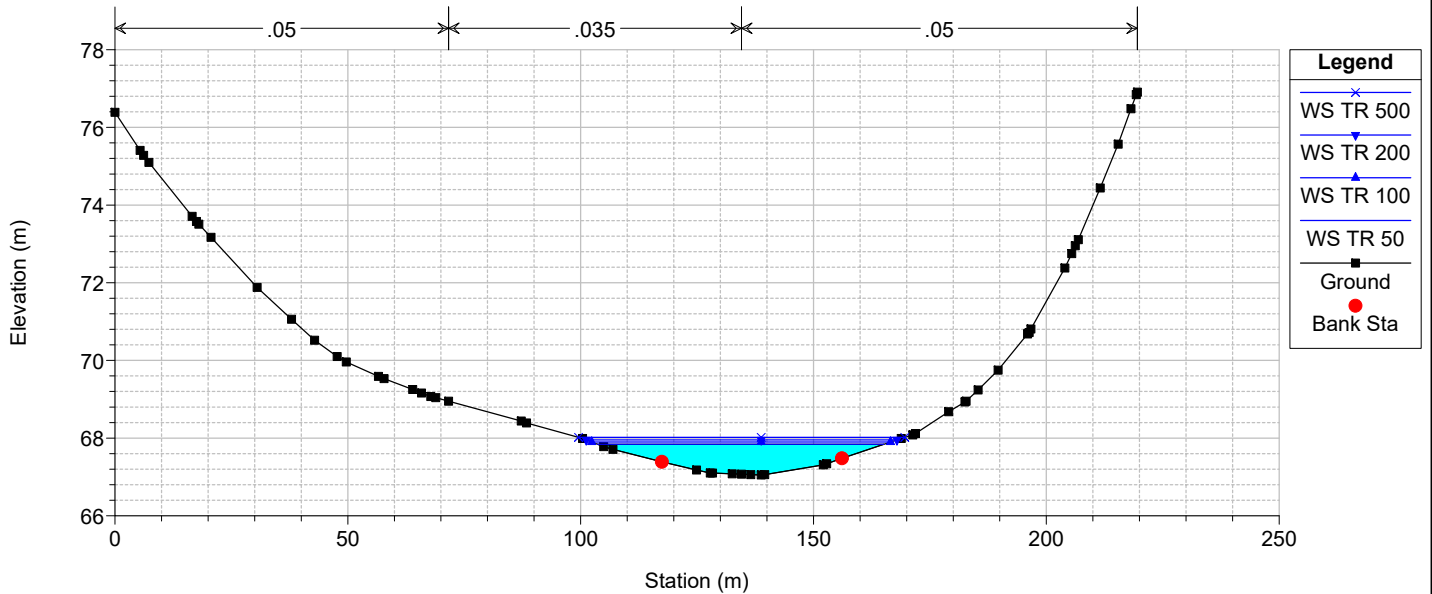
River = Trainu_Ispirida Reach = D29 RS = 4375 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

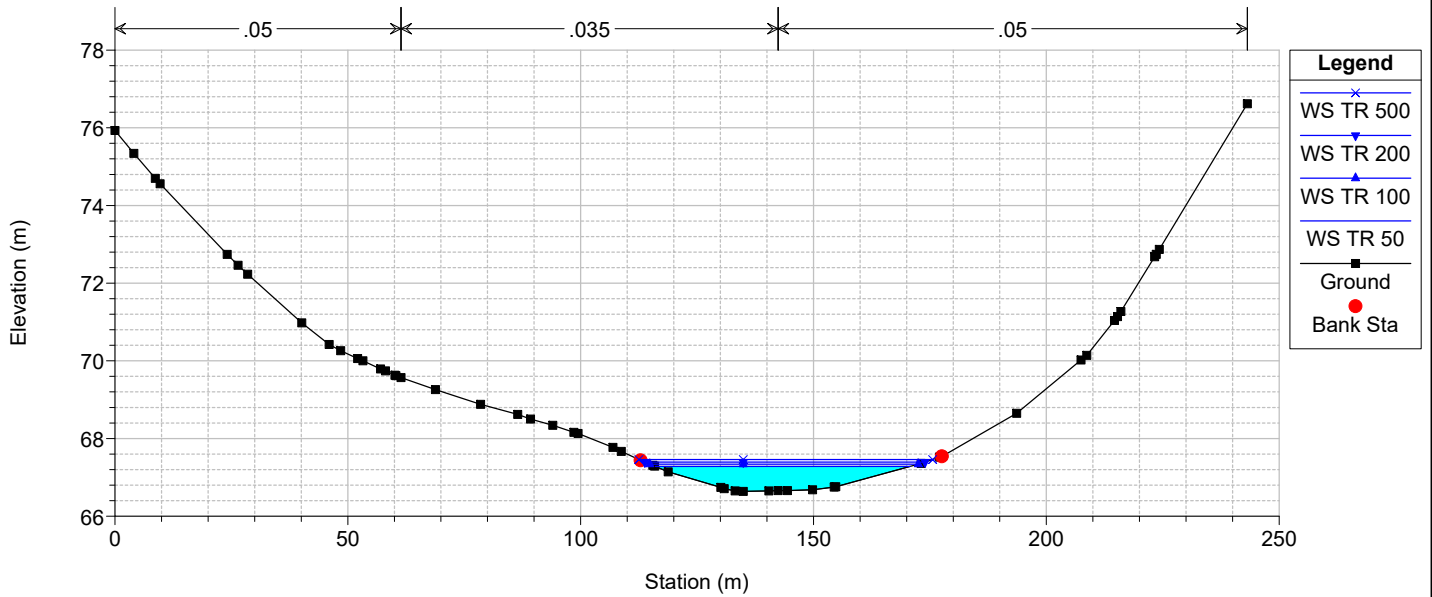
River = Trainu_Ispirida Reach = D29 RS = 4339.981 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

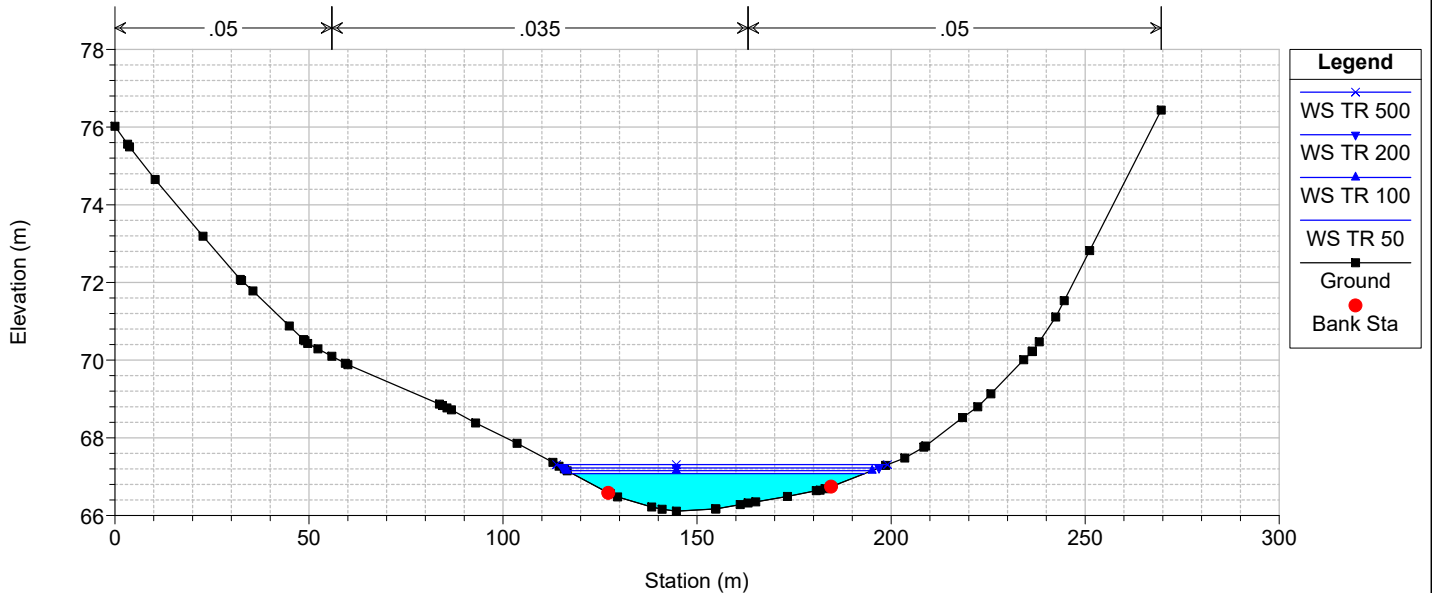
River = Trainu_Ispirida Reach = D29 RS = 4305.056 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

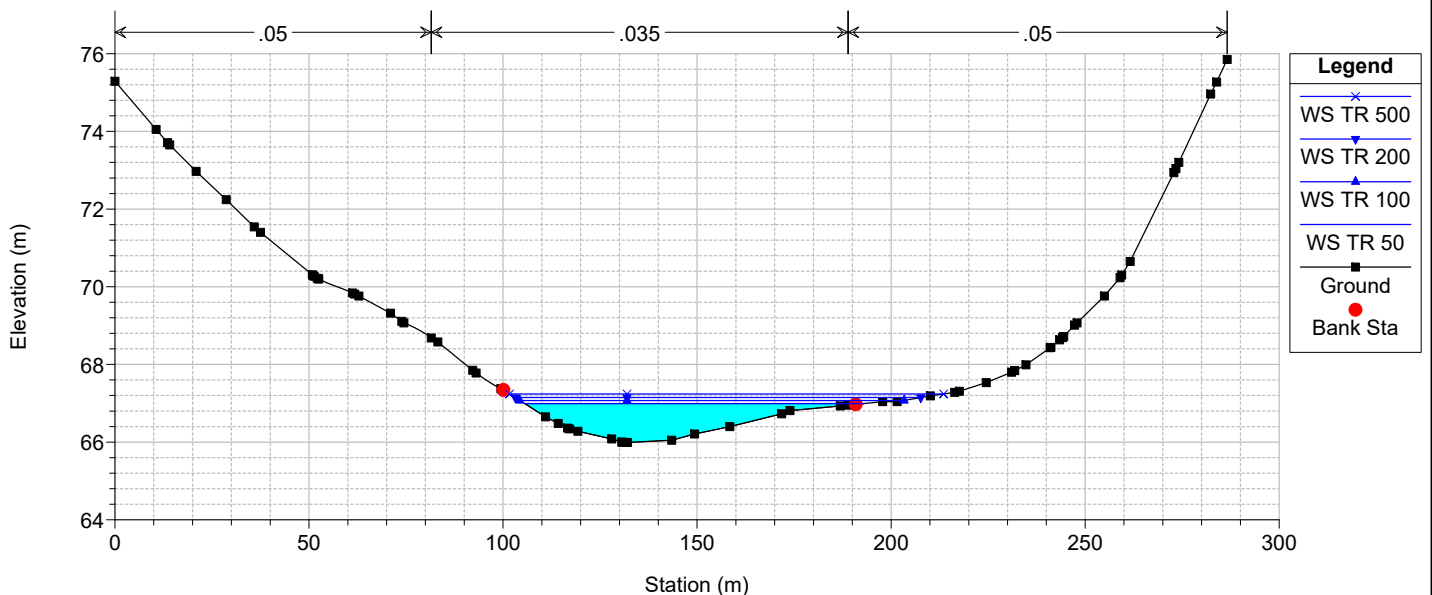
River = Trainu_Ispirida Reach = D29 RS = 4270 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

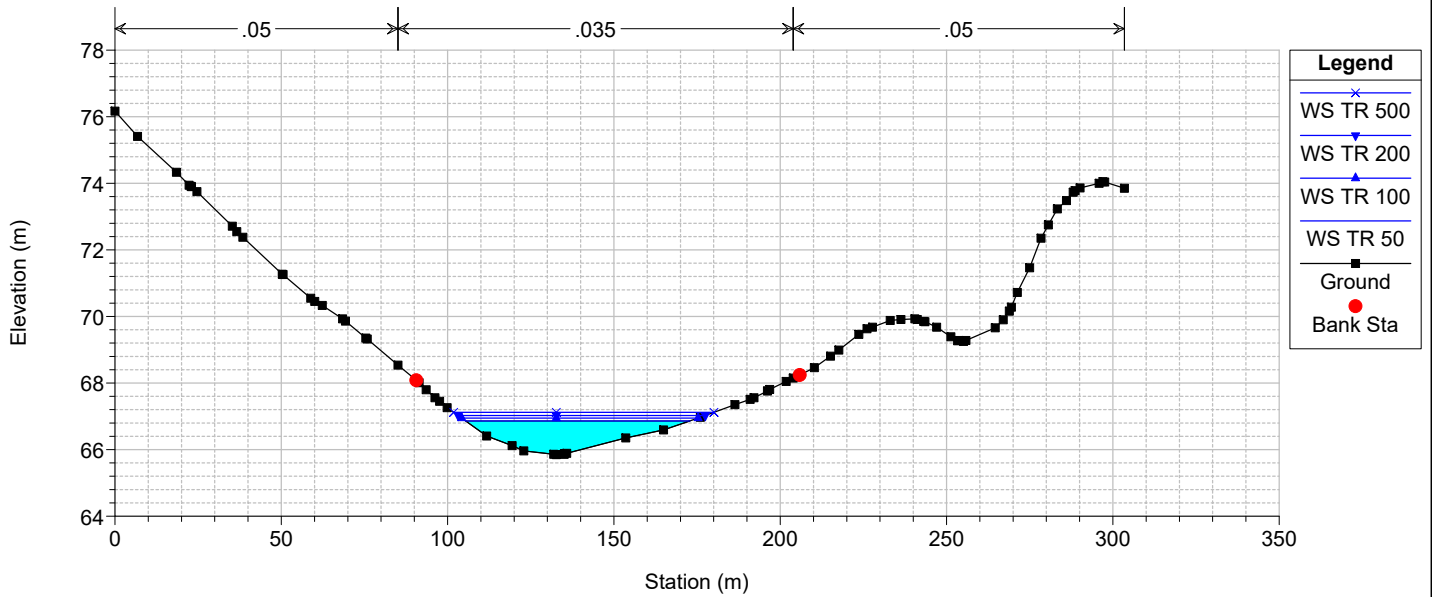
River = Trainu_Ispirida Reach = D29 RS = 4234.952 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

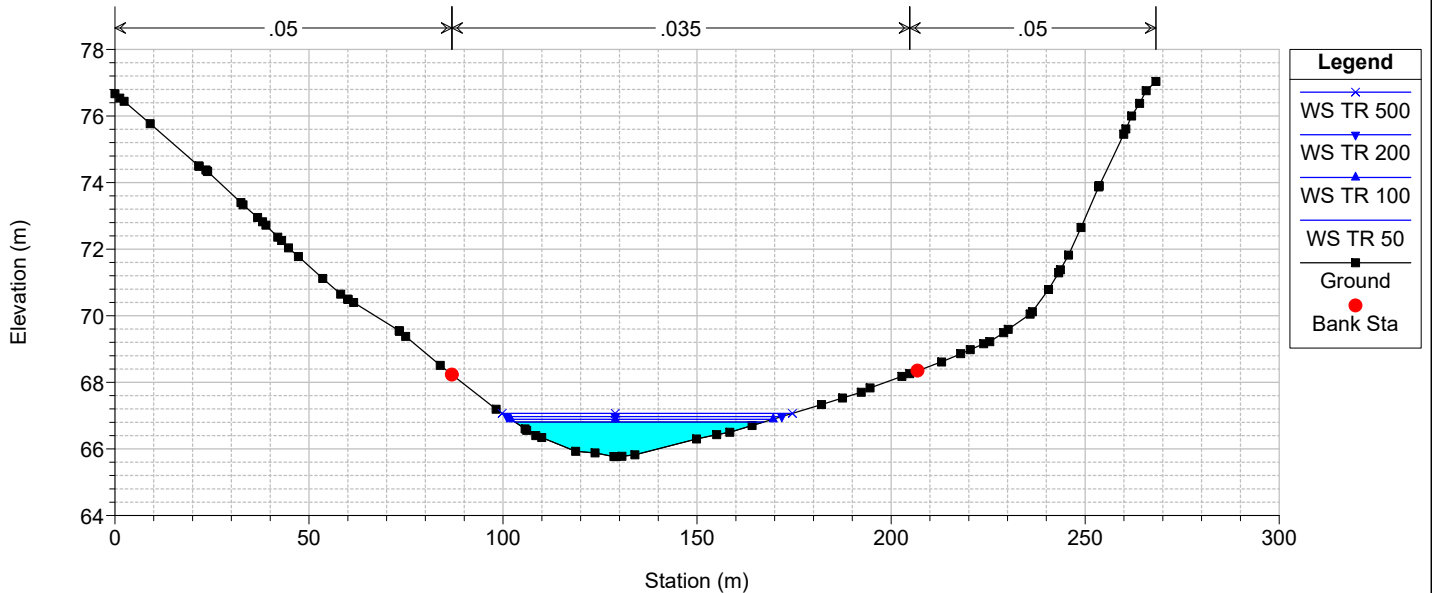
River = Trainu_Ispirida Reach = D29 RS = 4199.915 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

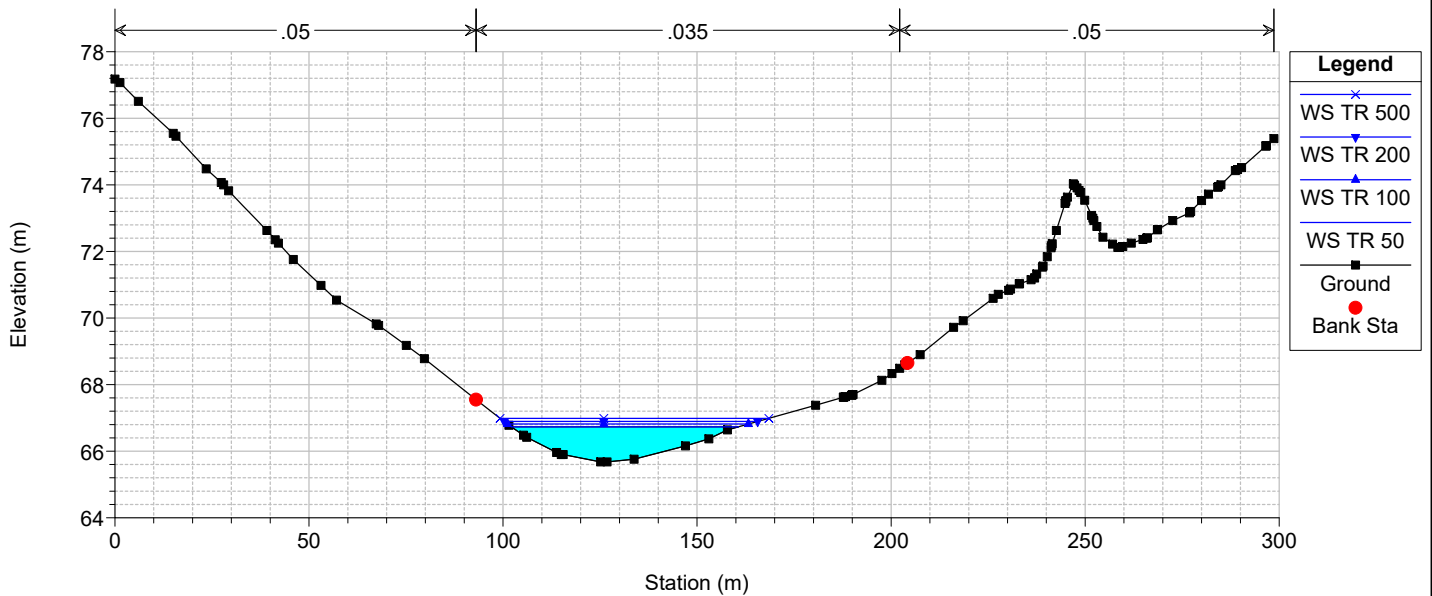
River = Trainu_Ispirida Reach = D29 RS = 4185.496 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

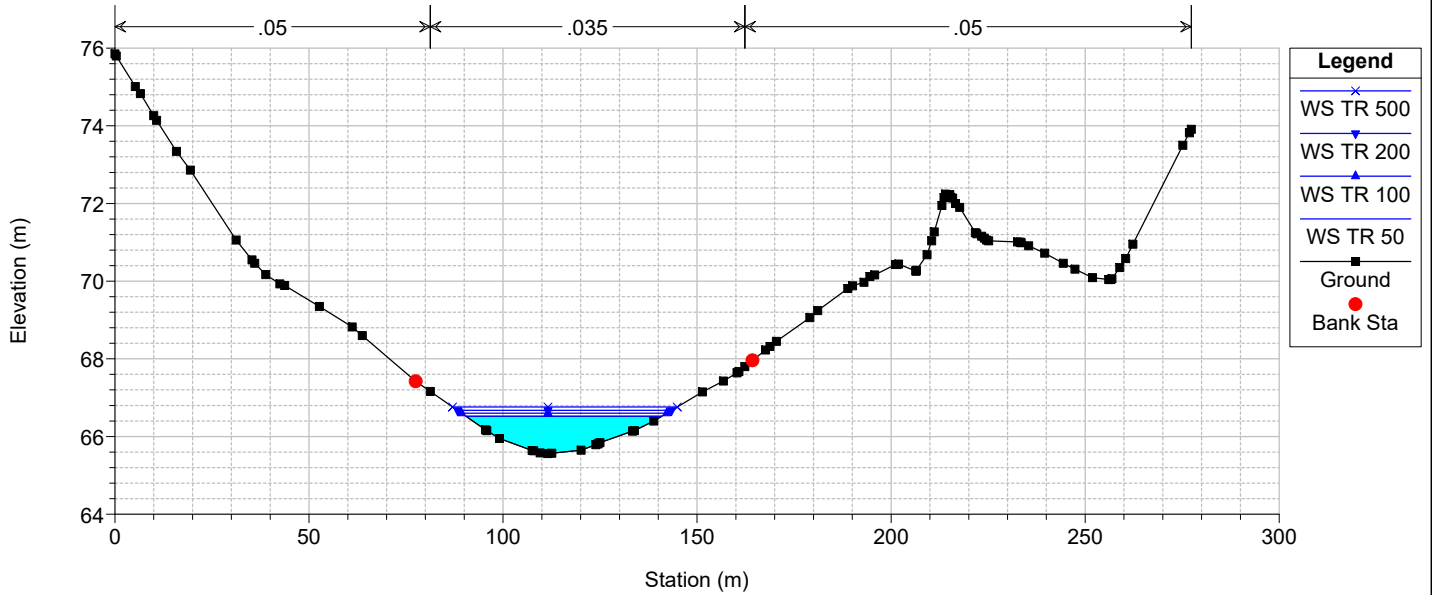
River = Trainu_Ispirida Reach = D29 RS = 4165 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

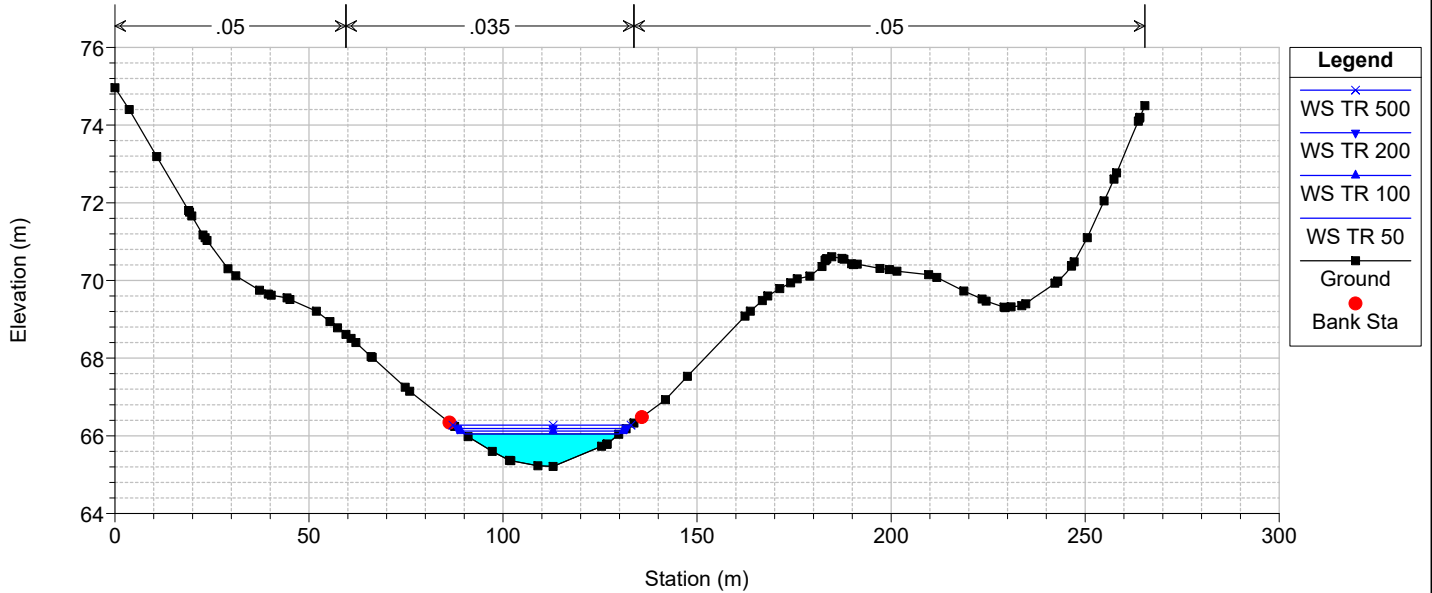
River = Trainu_Ispirida Reach = D29 RS = 4130 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

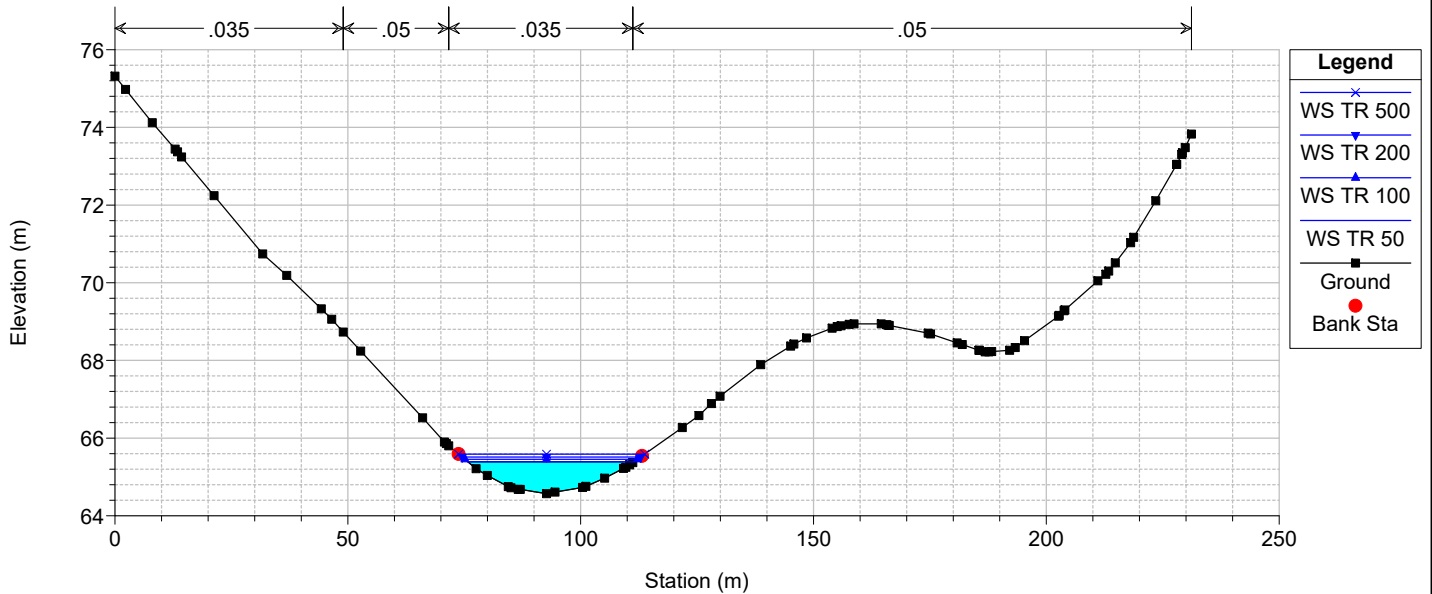
River = Trainu_Ispirida Reach = D29 RS = 4095.011 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

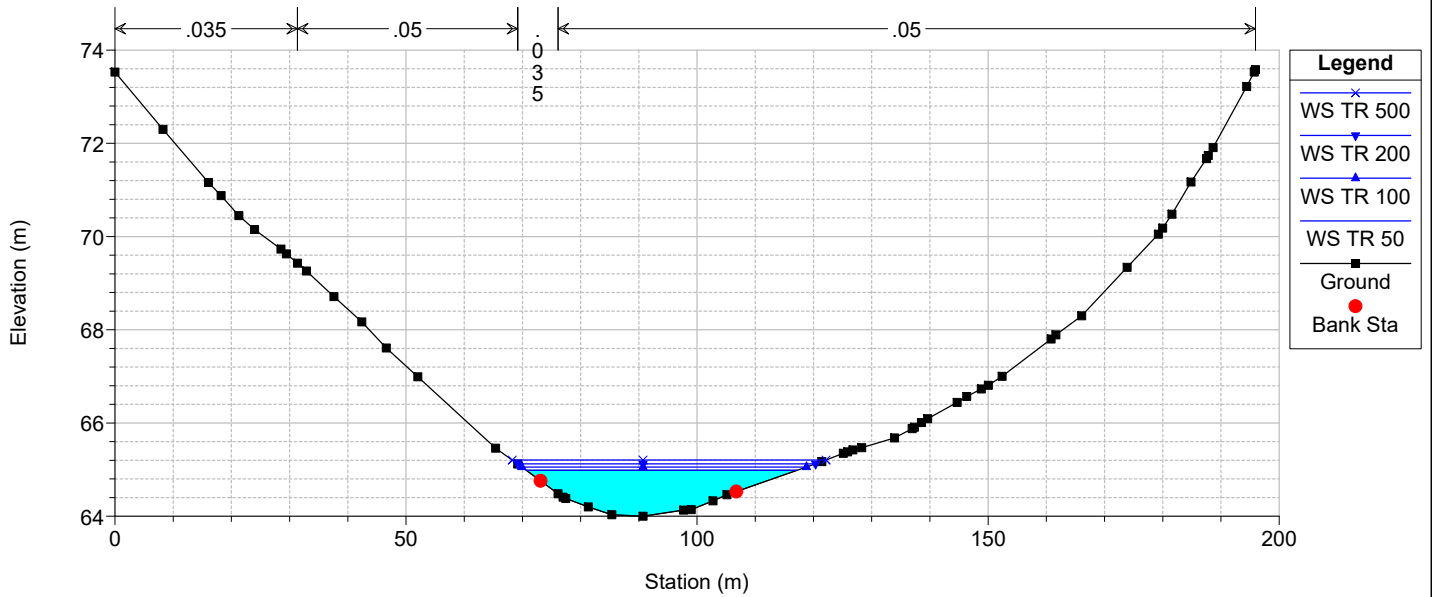
River = Trainu_Ispirida Reach = D29 RS = 4059.808 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

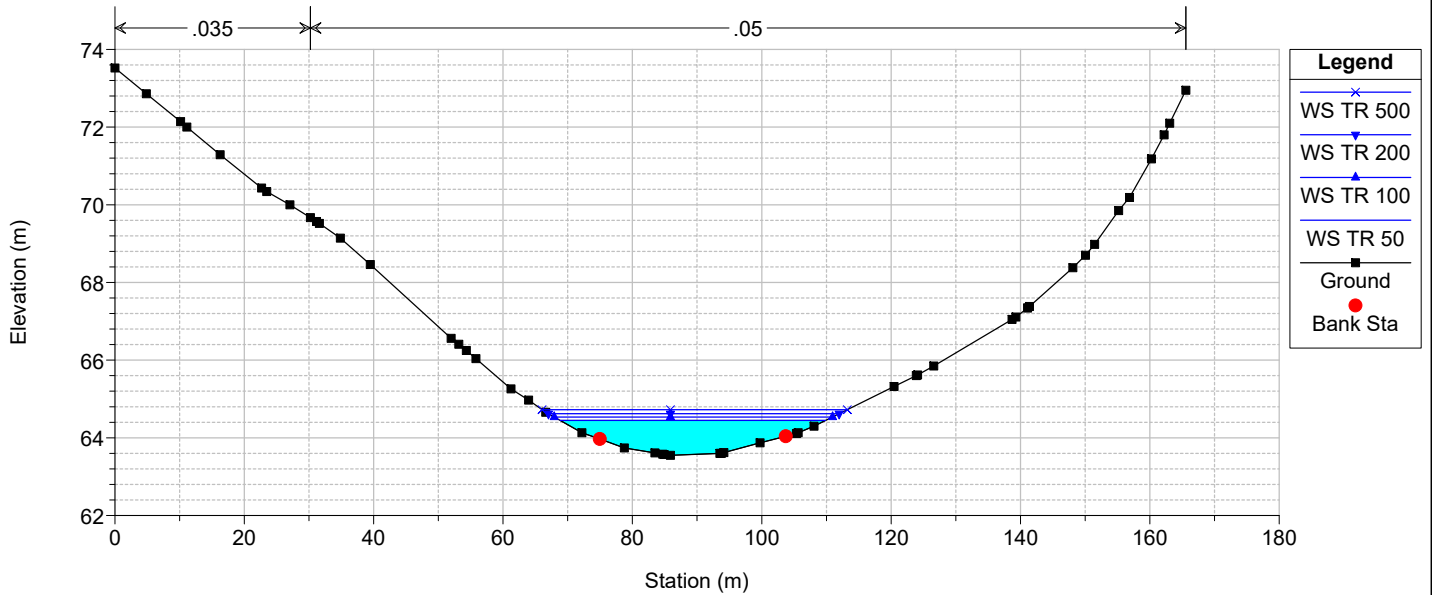
River = Trainu_Ispirida Reach = D29 RS = 4024.939 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

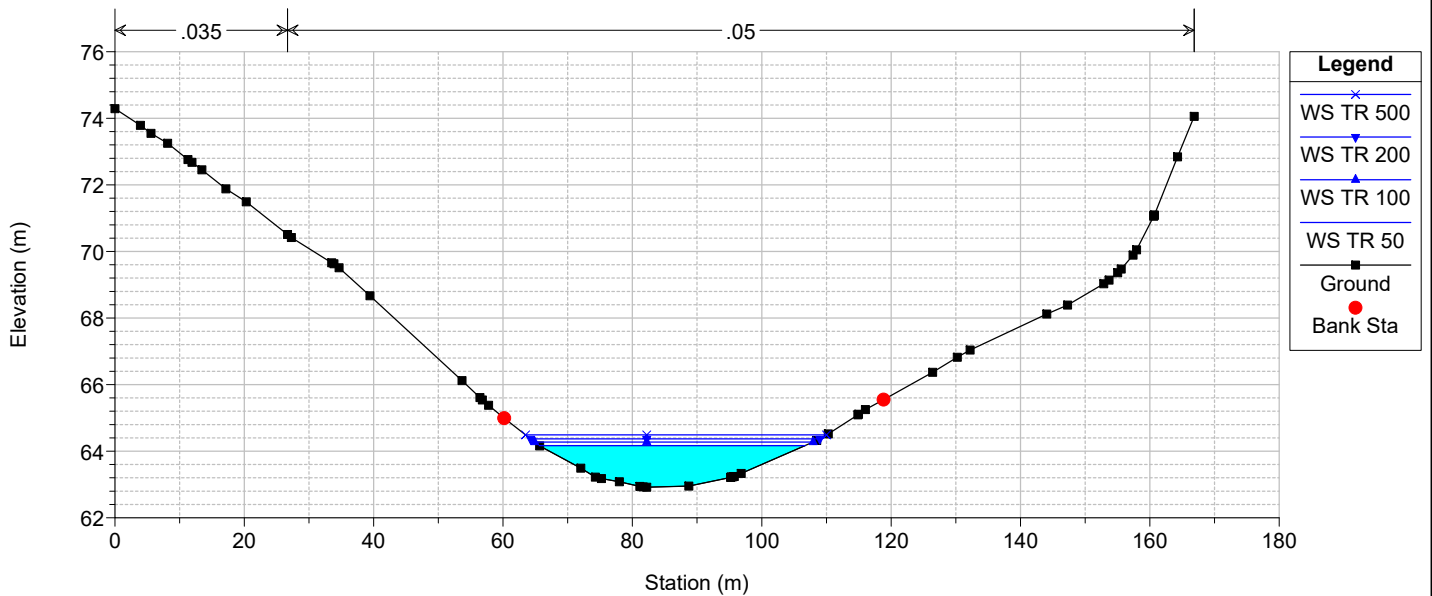
River = Trainu_Ispirida Reach = D29 RS = 3990.045 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

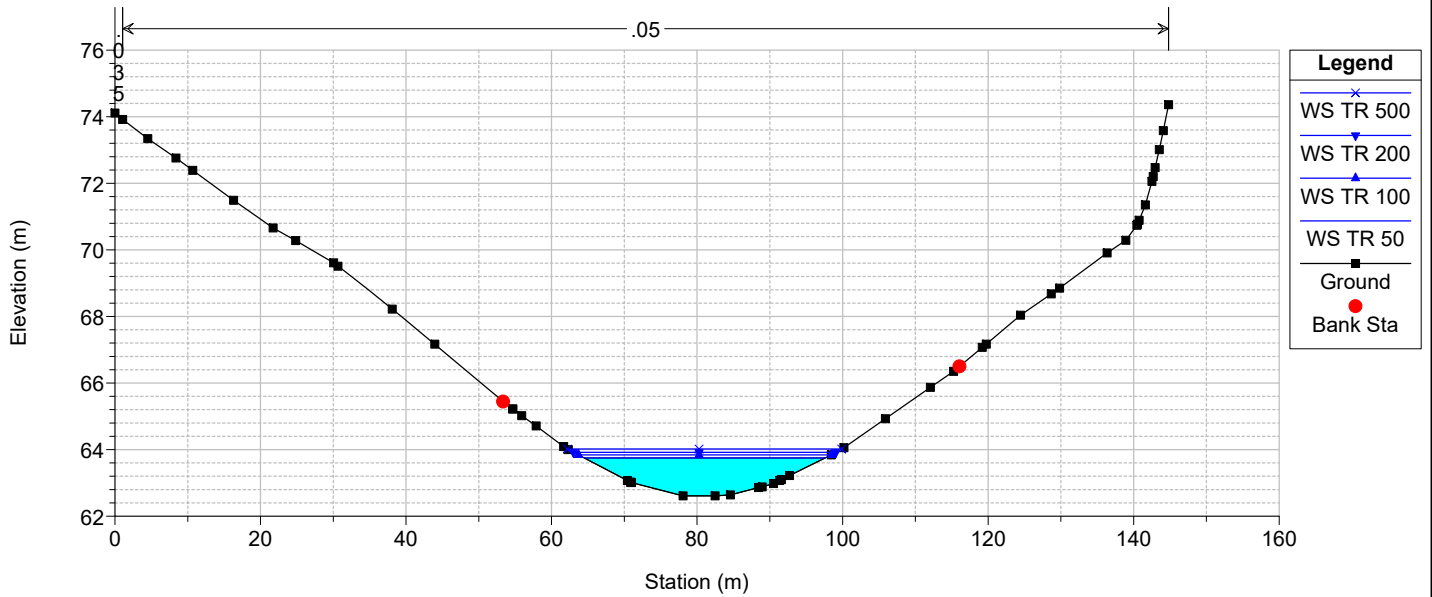
River = Trainu_Ispirida Reach = D29 RS = 3955 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

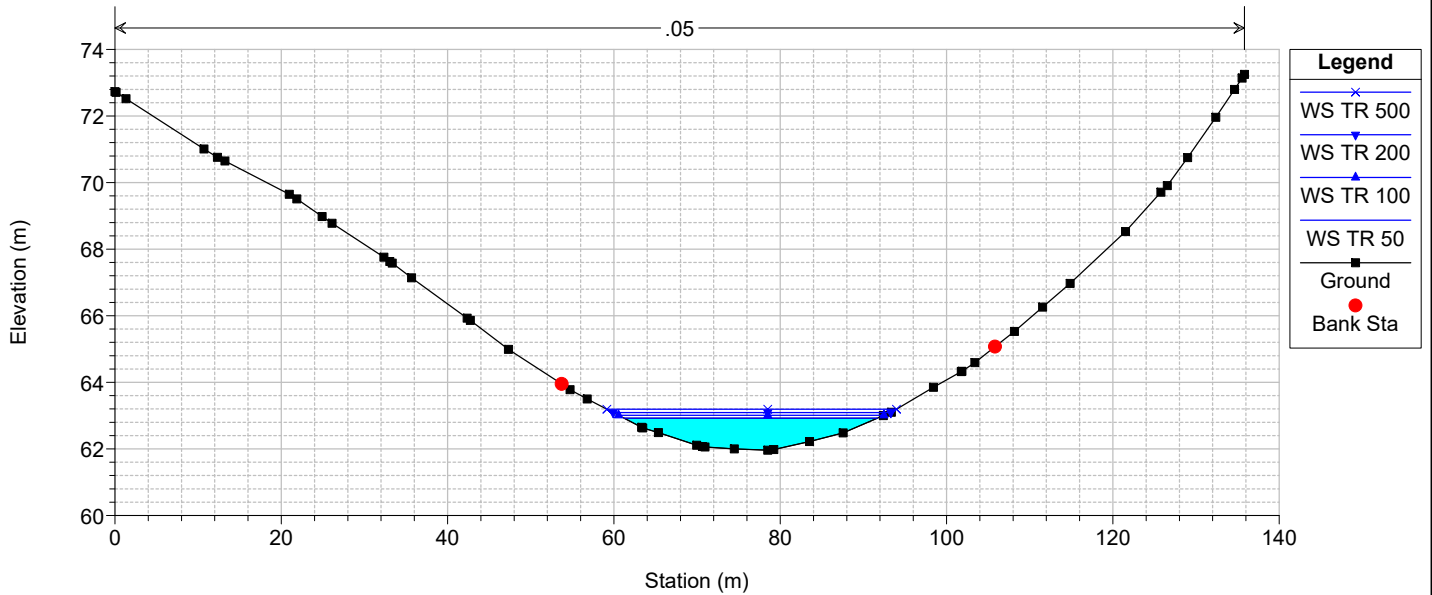
River = Trainu_Ispirida Reach = D29 RS = 3920.123 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

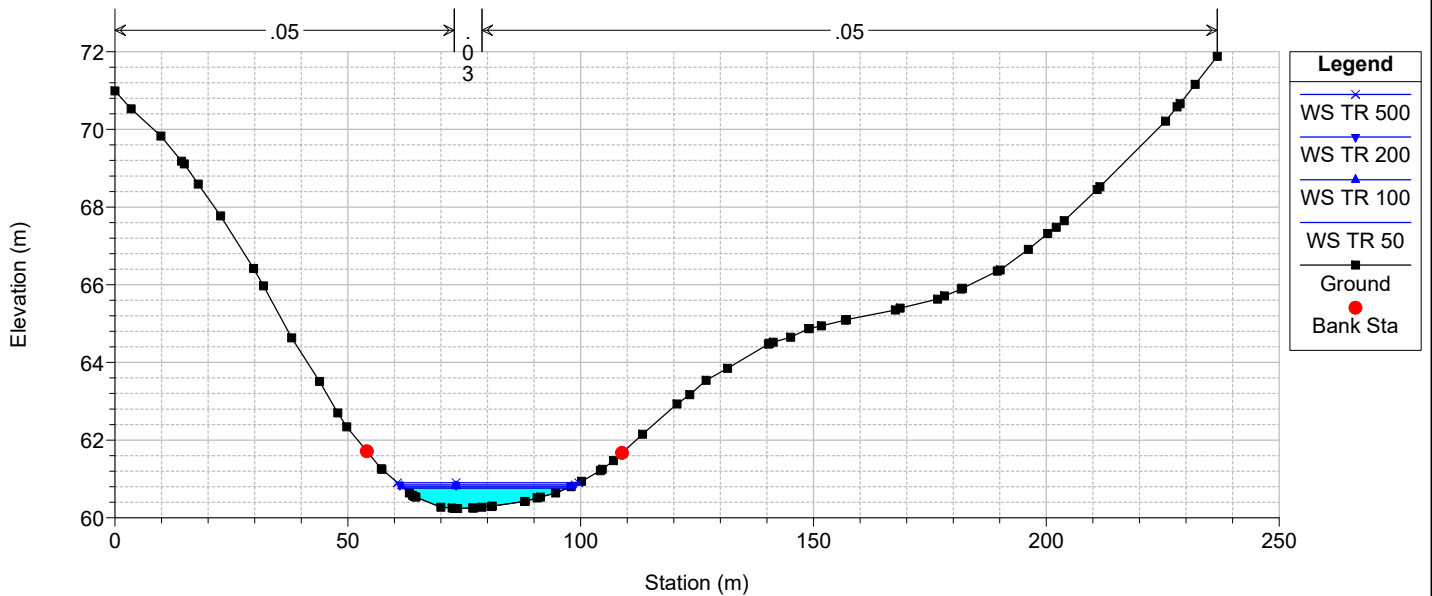
River = Trainu_Ispirida Reach = D29 RS = 3884.969 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

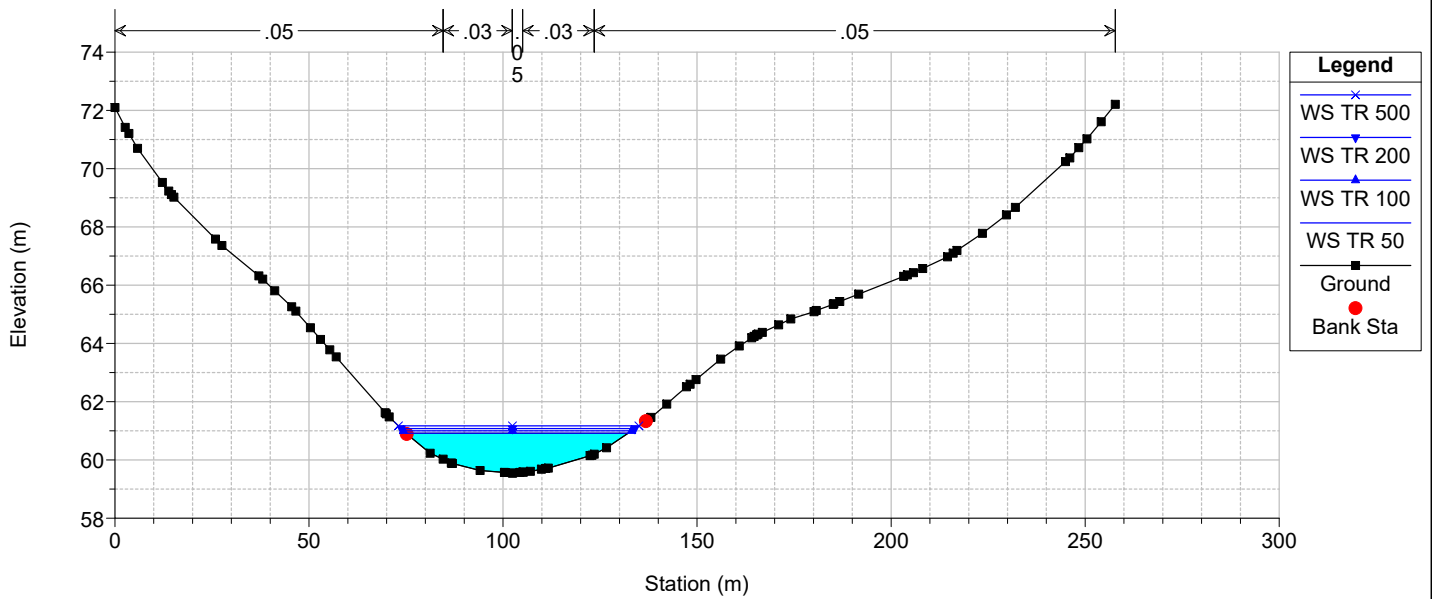
River = Trainu_Ispirida Reach = D29 RS = 3850.375 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

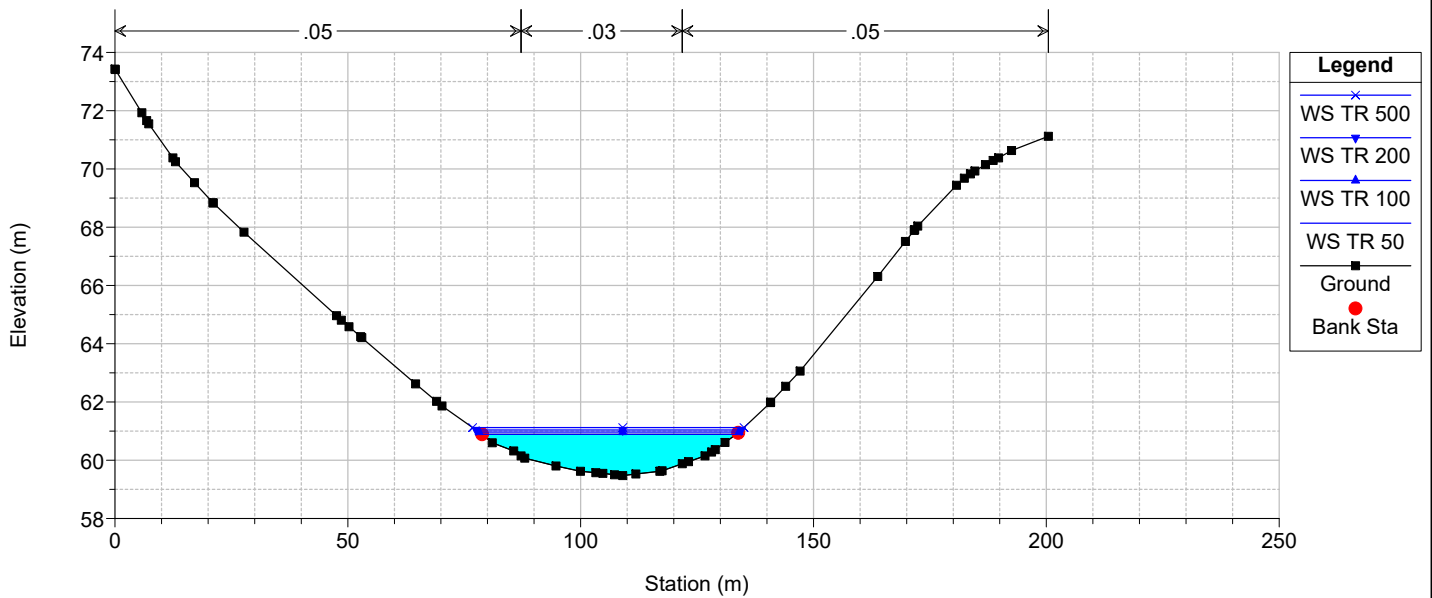
River = Trainu_Ispirida Reach = D29 RS = 3815.21 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

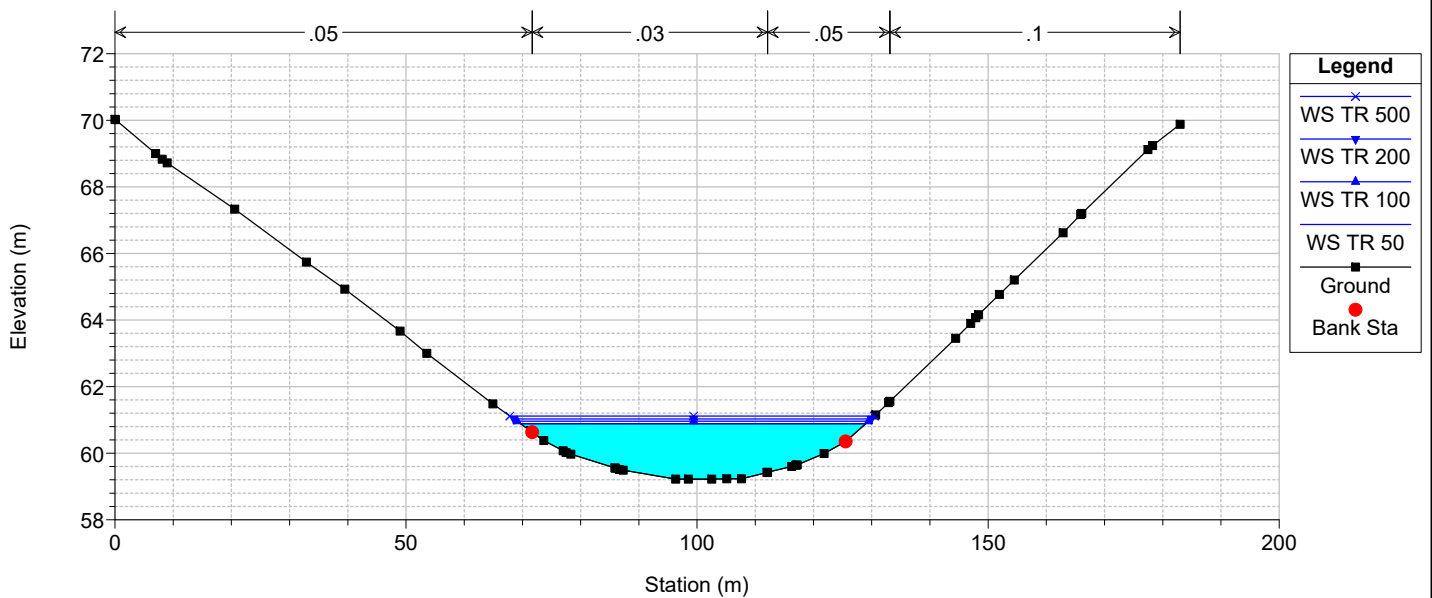
River = Trainu_Ispirida Reach = D29 RS = 3780.347 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

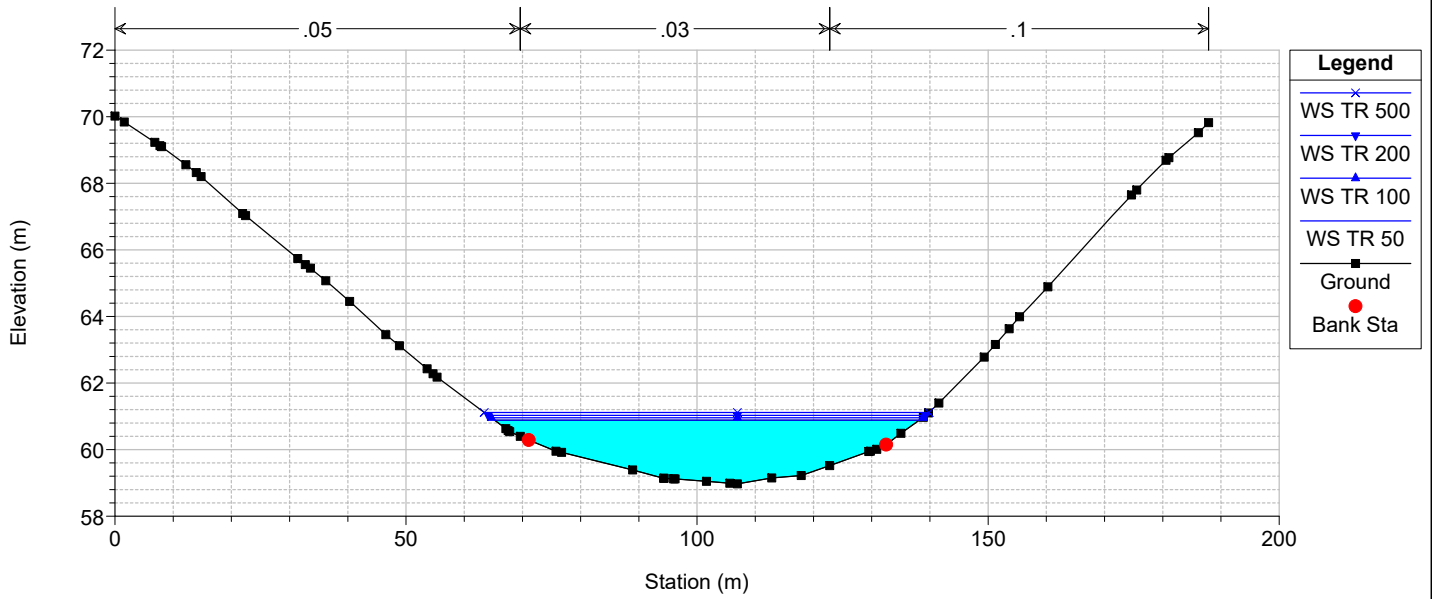
River = Trainu_Ispirida Reach = D29 RS = 3745.182 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

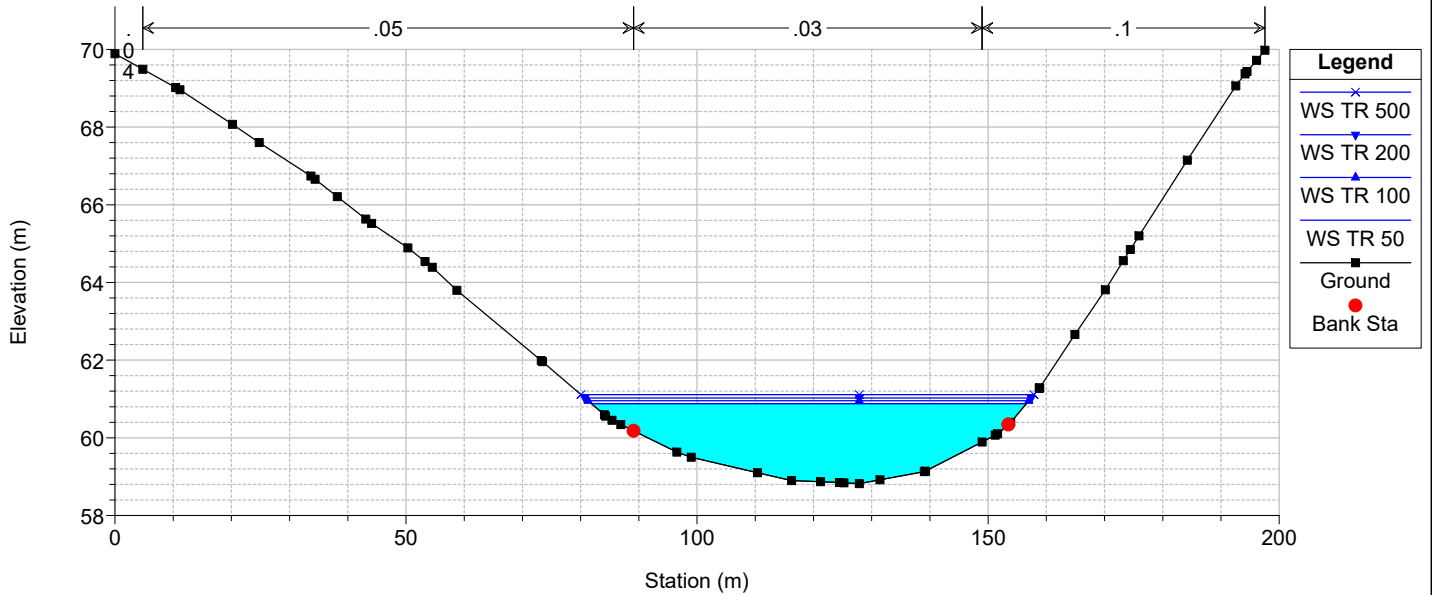
River = Trainu_Ispirida Reach = D29 RS = 3710 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

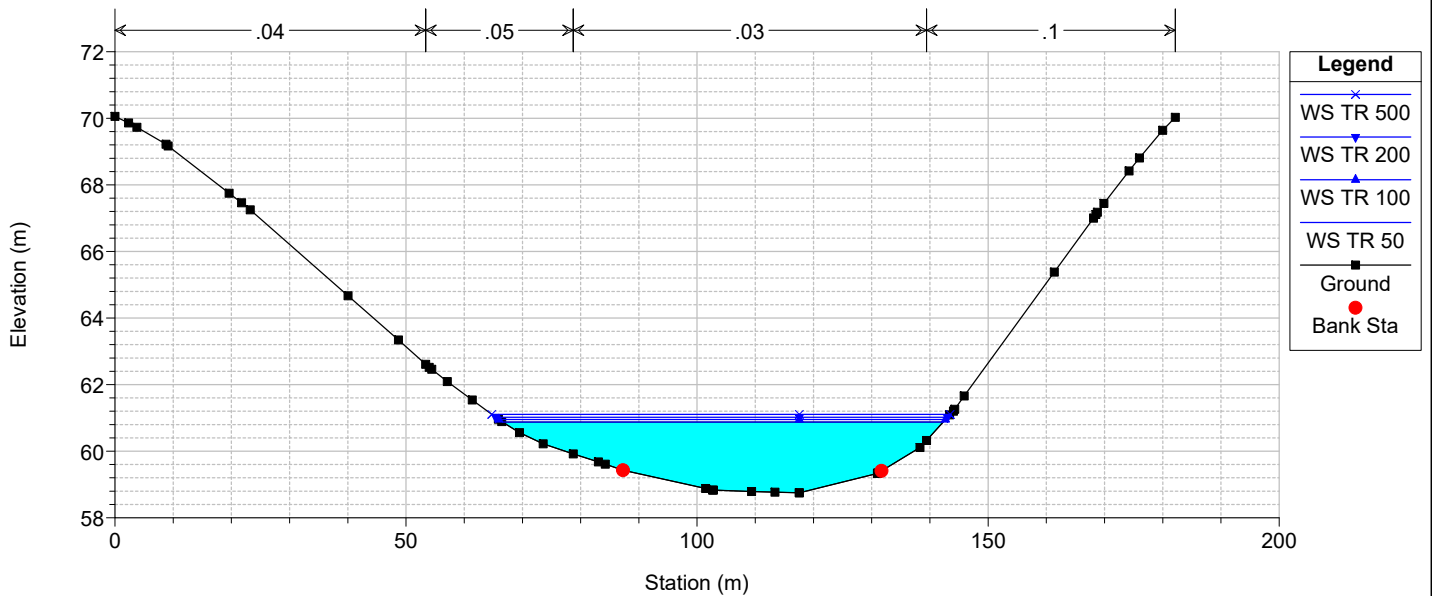
River = Trainu_Ispirida Reach = D29 RS = 3675 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

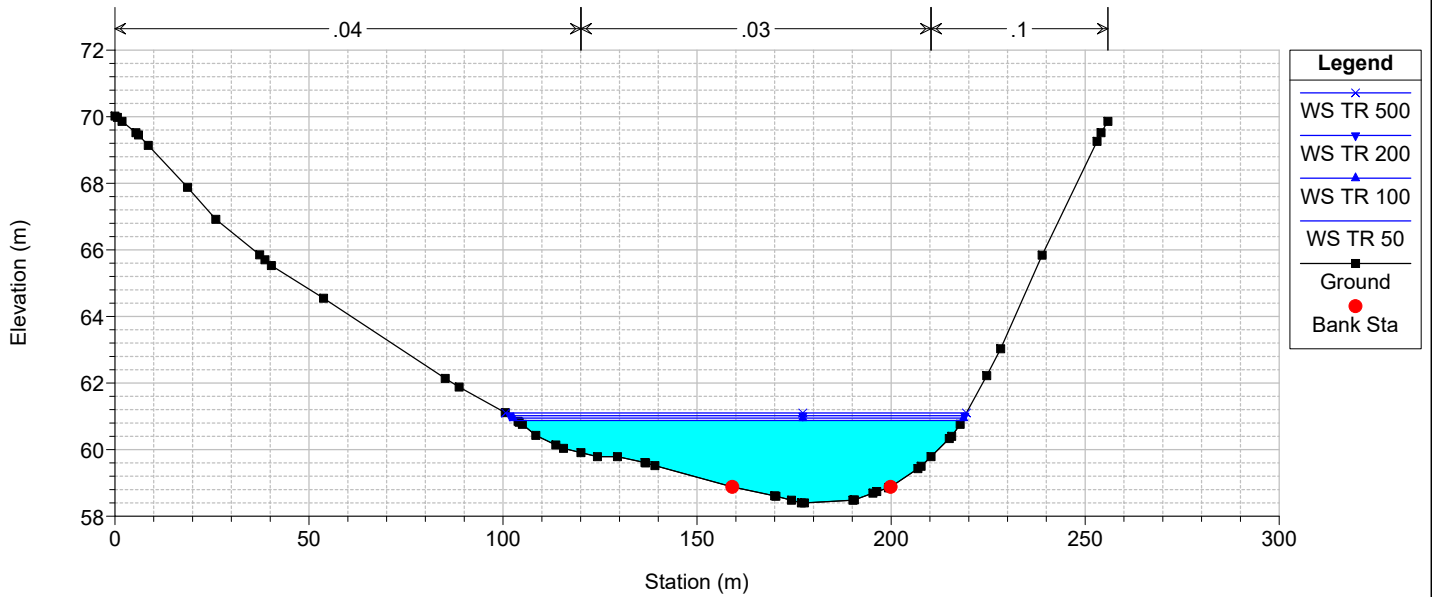
River = Trainu_Ispirida Reach = D29 RS = 3640 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

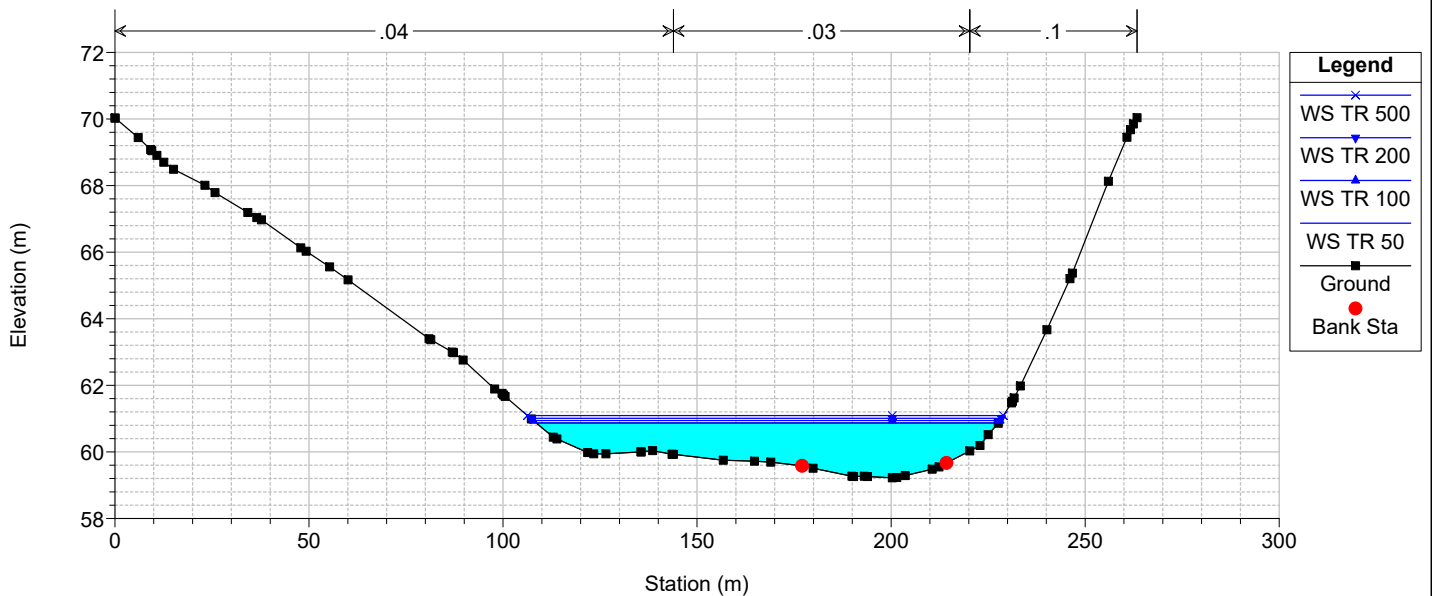
River = Trainu_Ispirida Reach = D29 RS = 3500.032 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

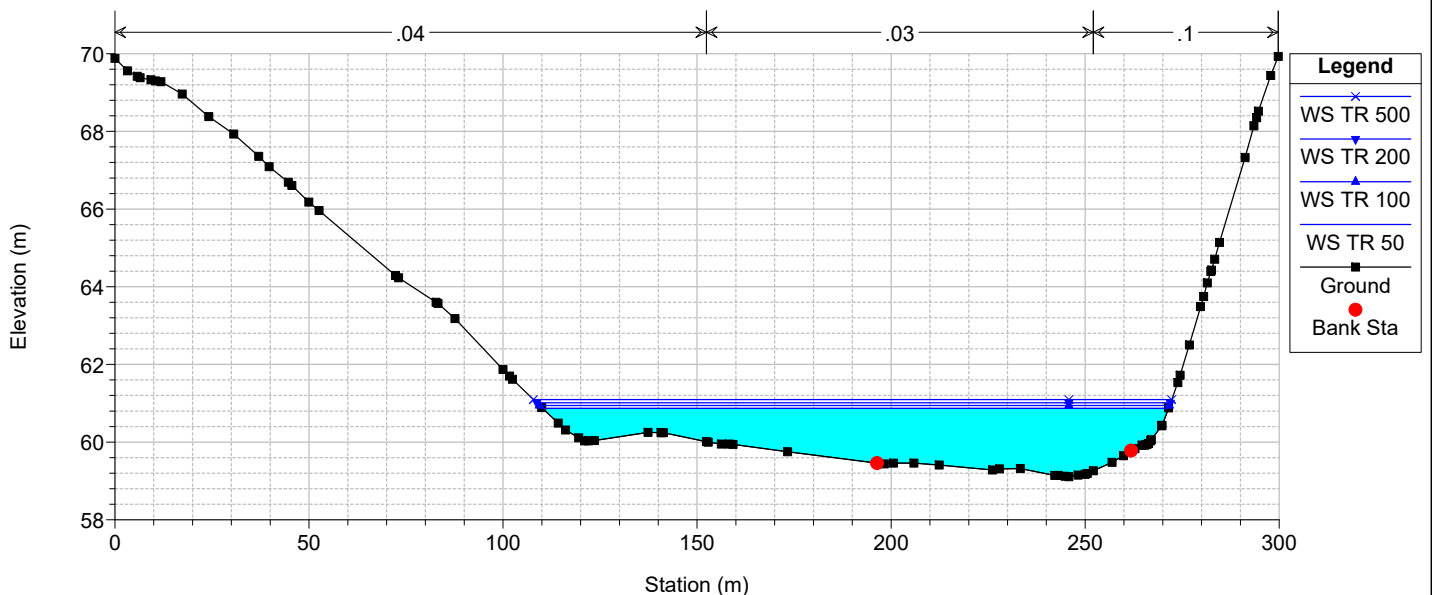
River = Trainu_Ispirida Reach = D29 RS = 3465.059 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

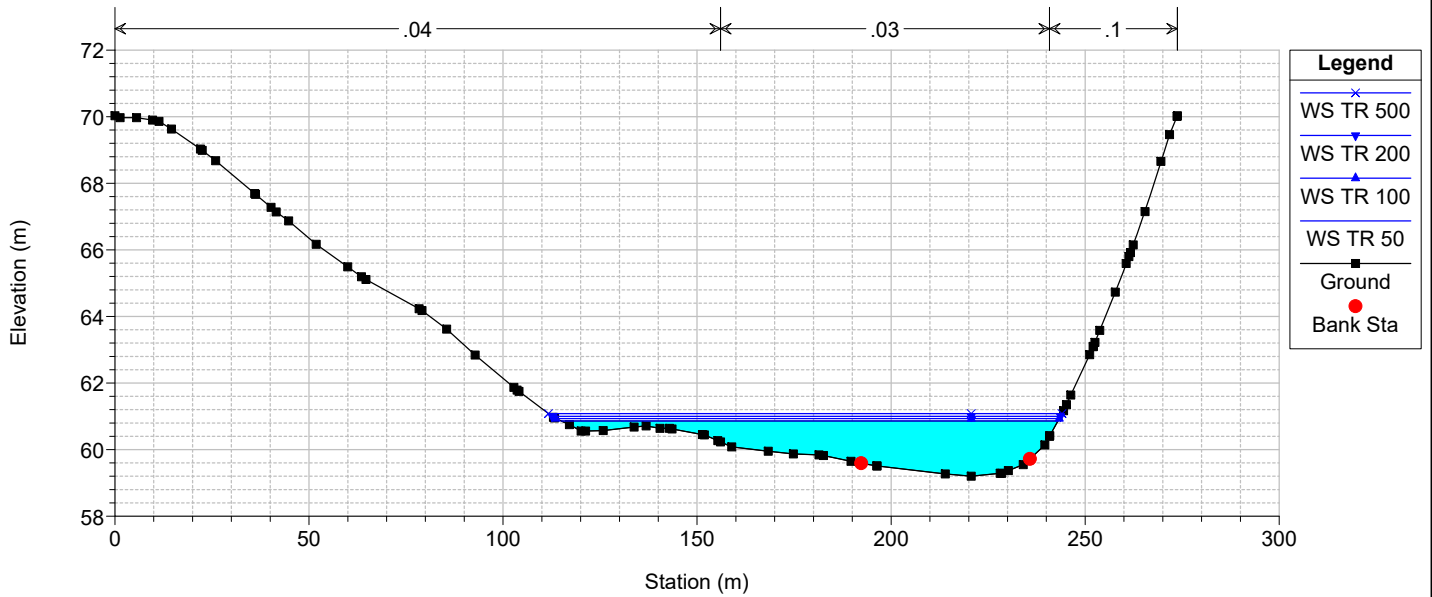
River = Trainu_Ispirida Reach = D29 RS = 3443.455 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

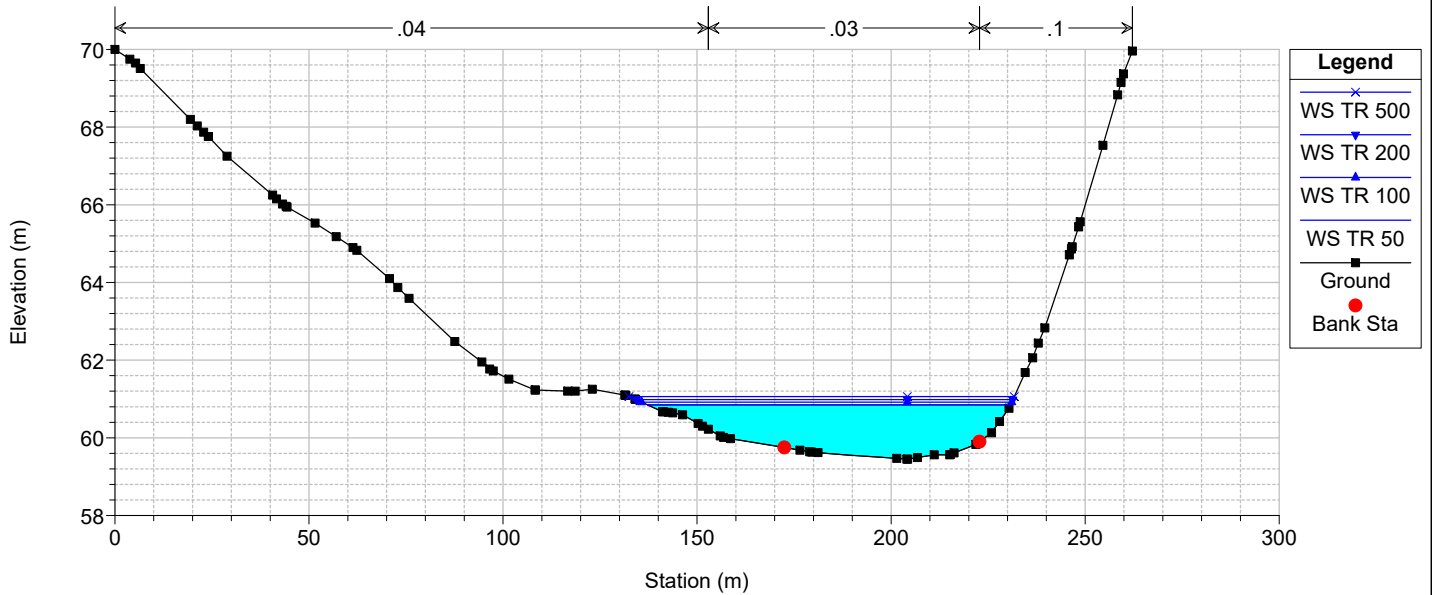
River = Trainu_Ispirida Reach = D29 RS = 3430.005 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

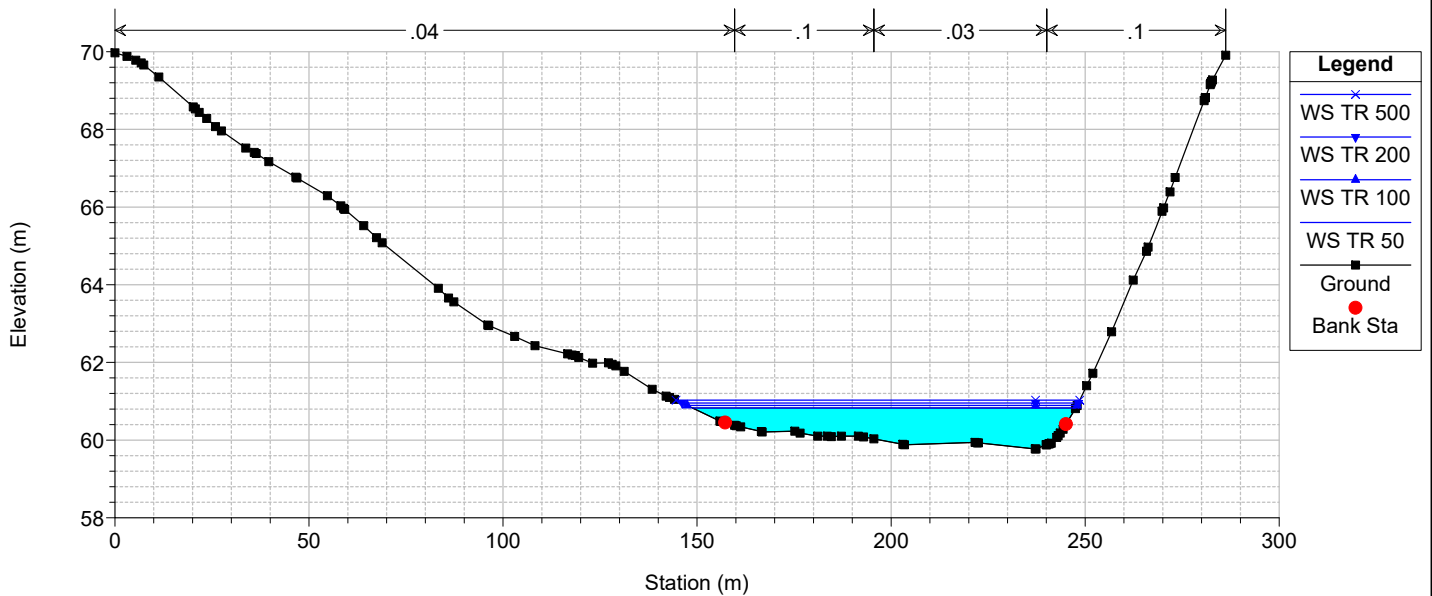
River = Trainu_Ispirida Reach = D29 RS = 3395 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

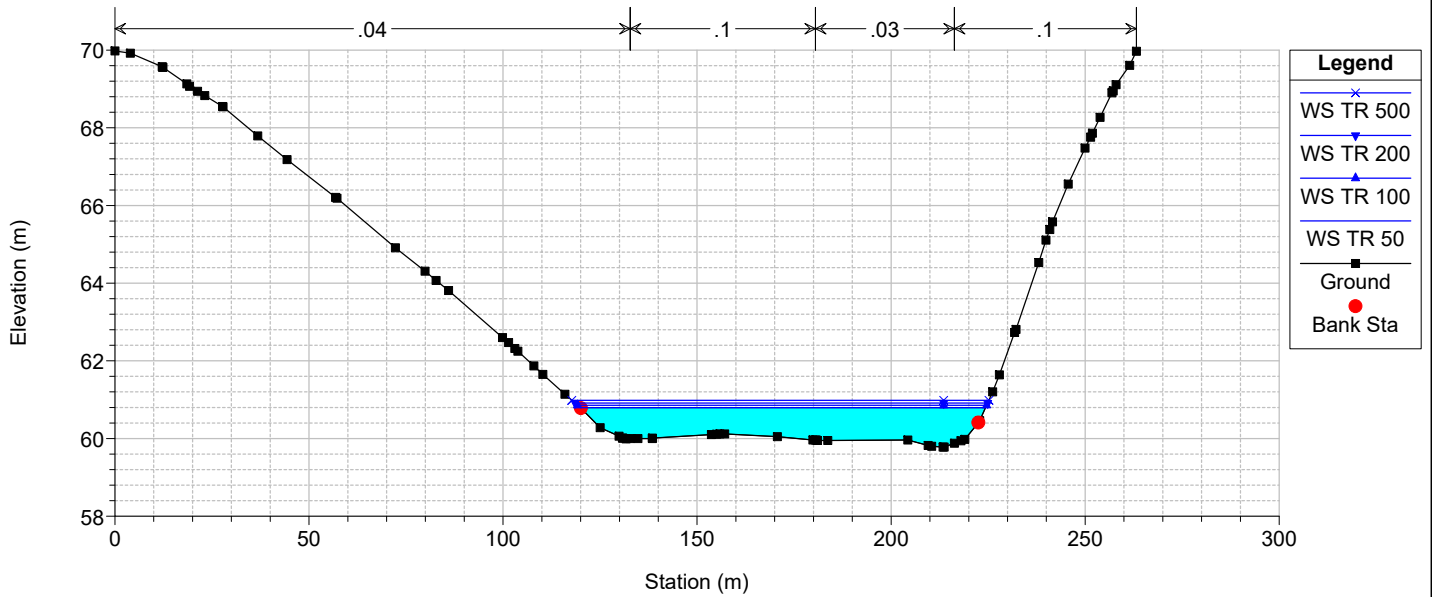
River = Trainu_Ispirida Reach = D29 RS = 3360 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

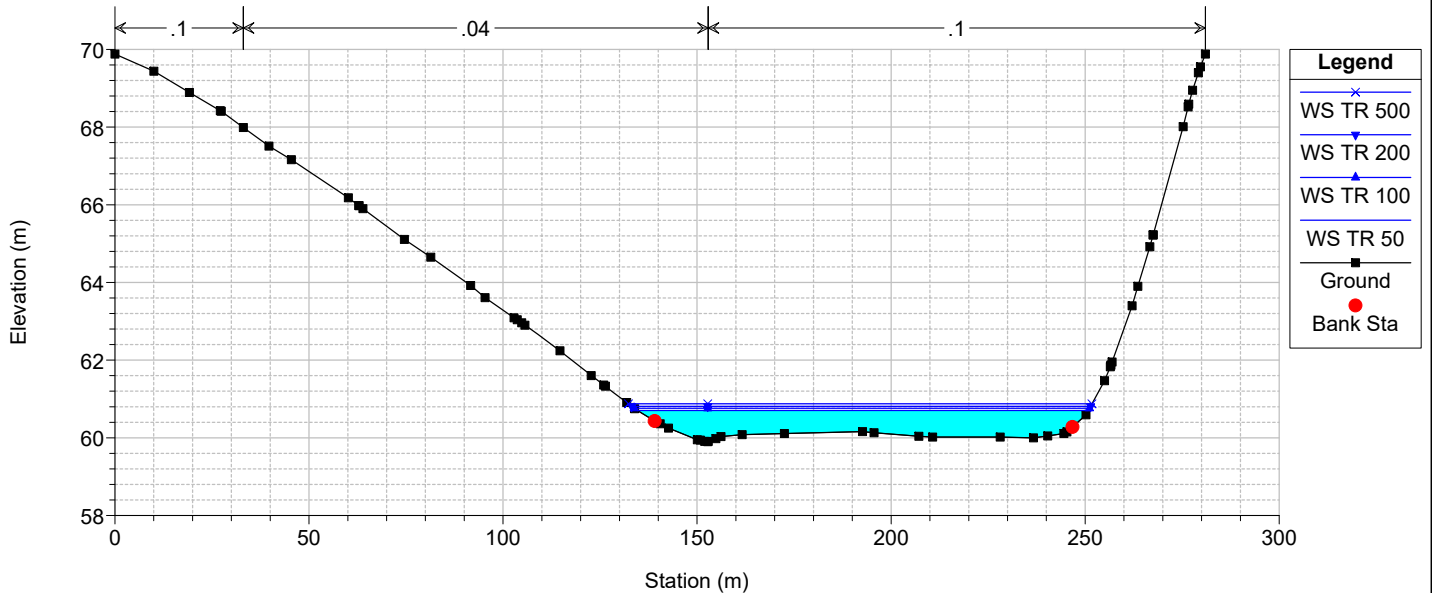
River = Trainu_Ispirida Reach = D29 RS = 3325 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

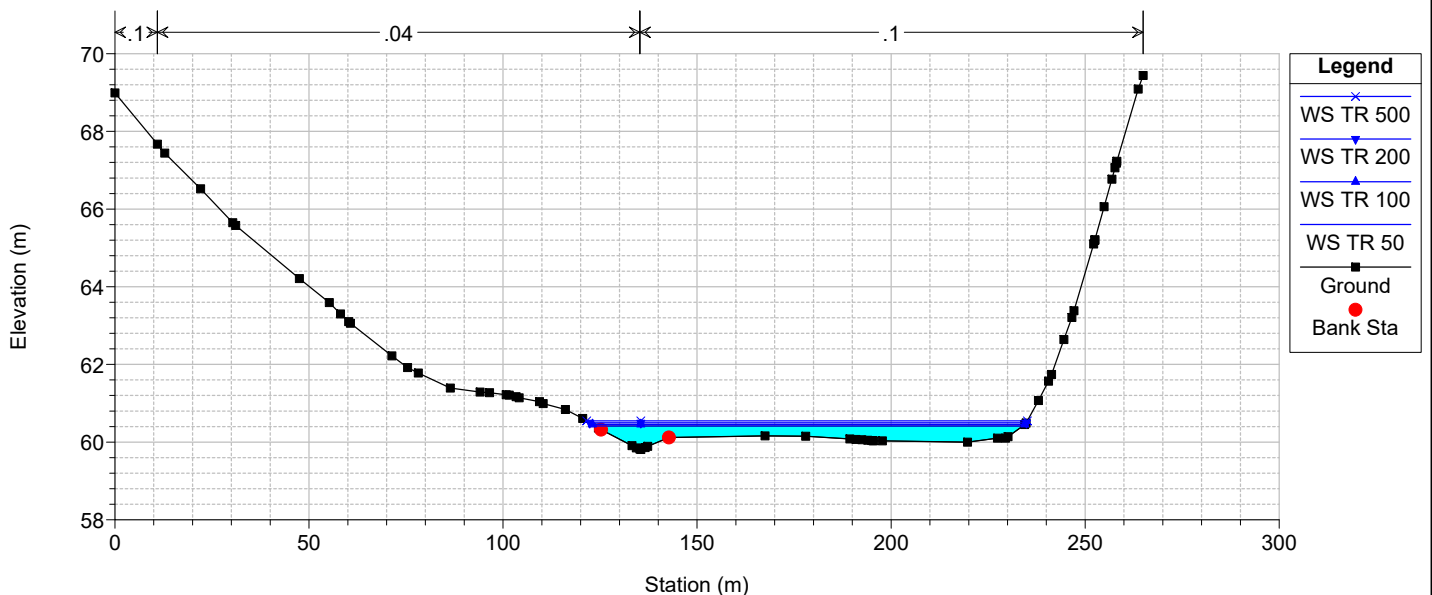
River = Trainu_Ispirida Reach = D29 RS = 3290 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

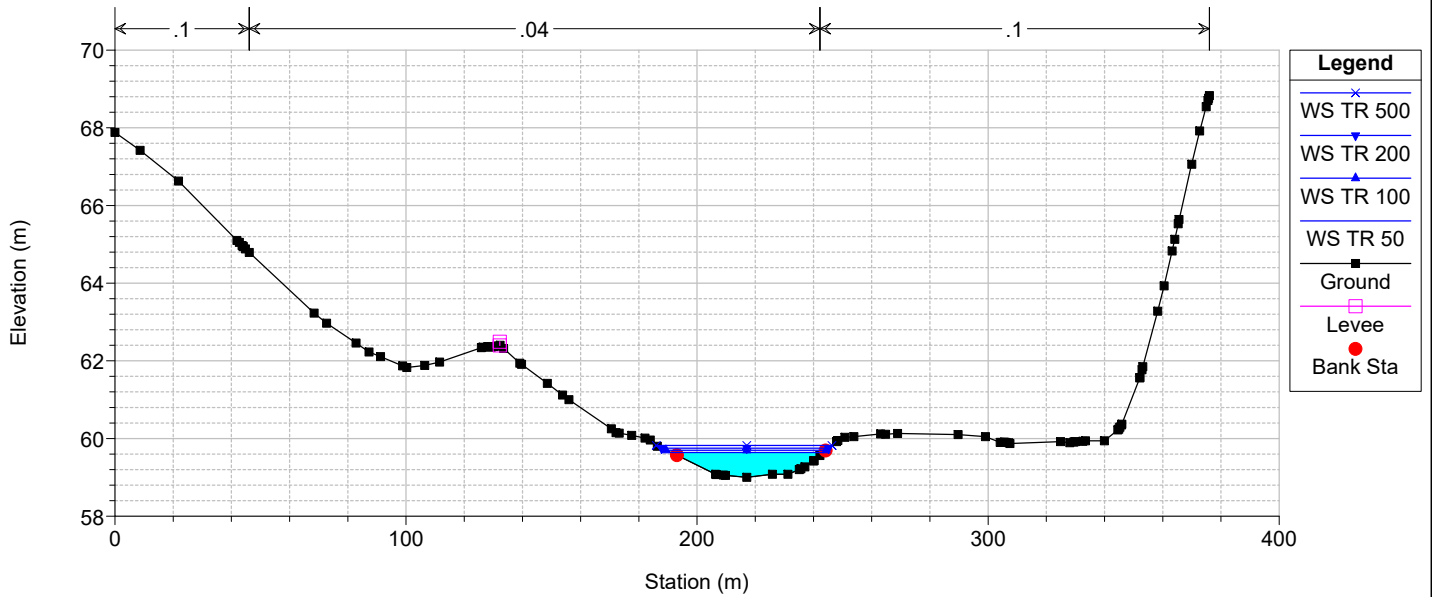
River = Trainu_Ispirida Reach = D29 RS = 3277.573 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

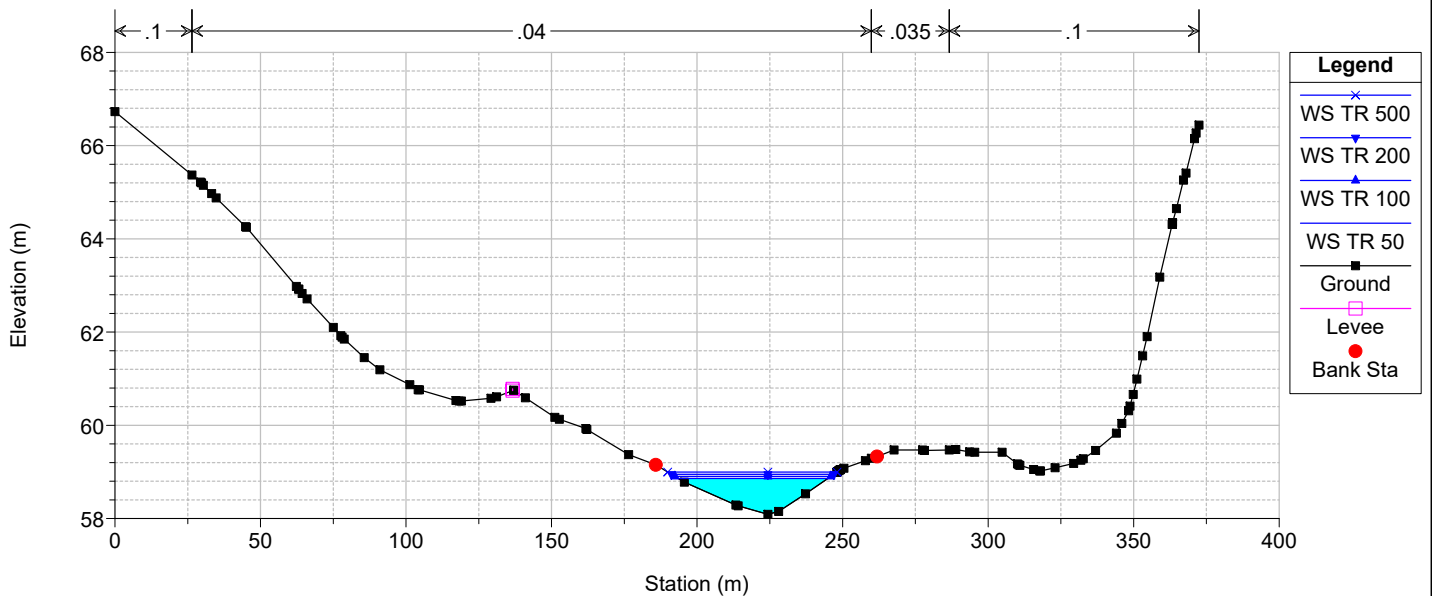
River = Trainu_Ispirida Reach = D29 RS = 3255.183 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

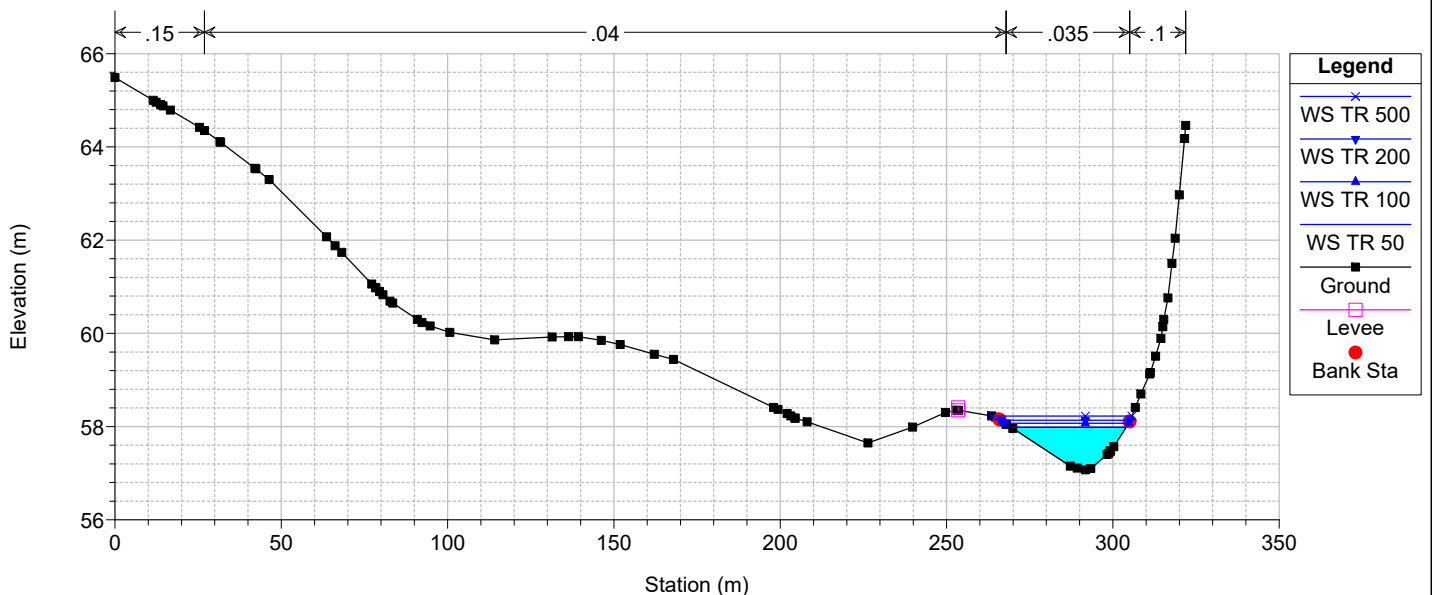
River = Trainu_Ispirida Reach = D29 RS = 3219.84 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

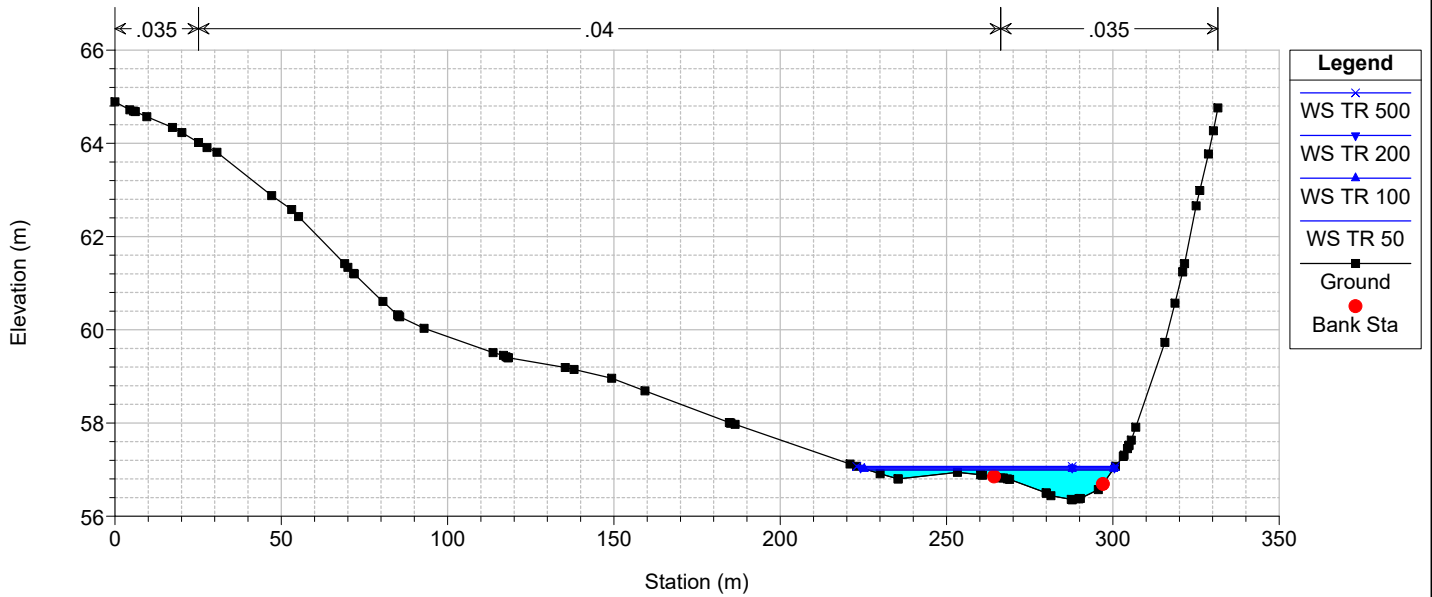
River = Trainu_Ispirida Reach = D29 RS = 3185.073 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

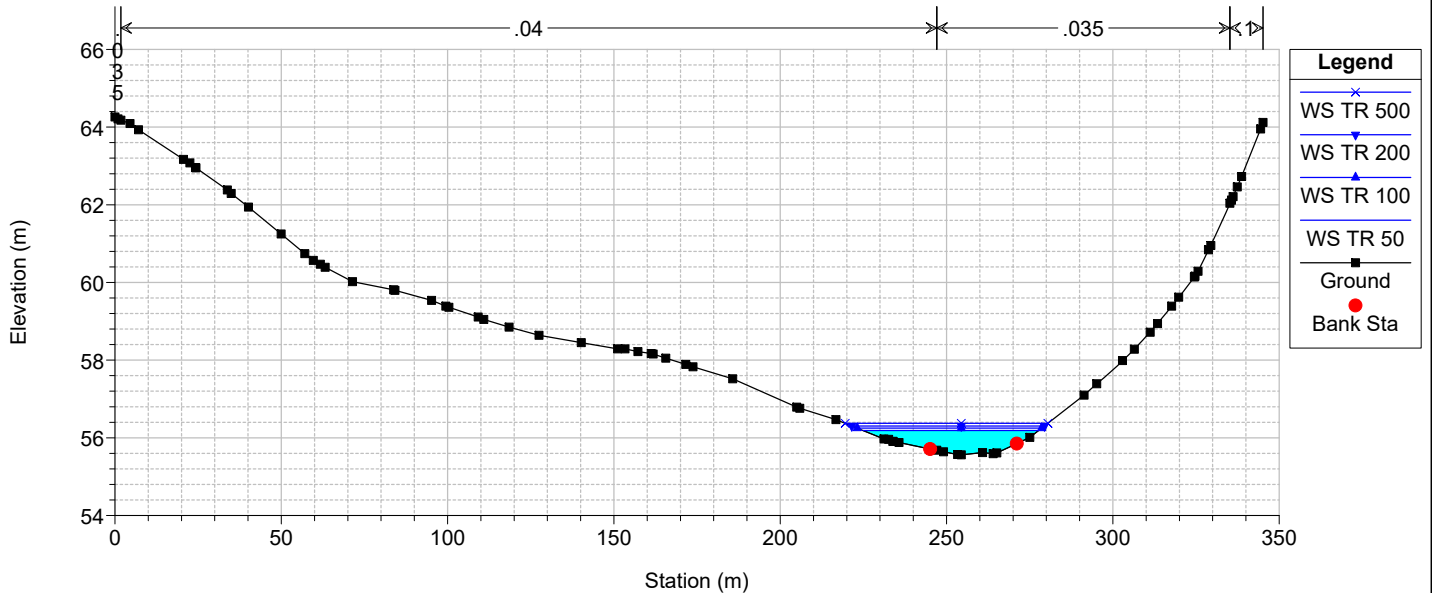
River = Trainu_Ispirida Reach = D29 RS = 3149.995 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

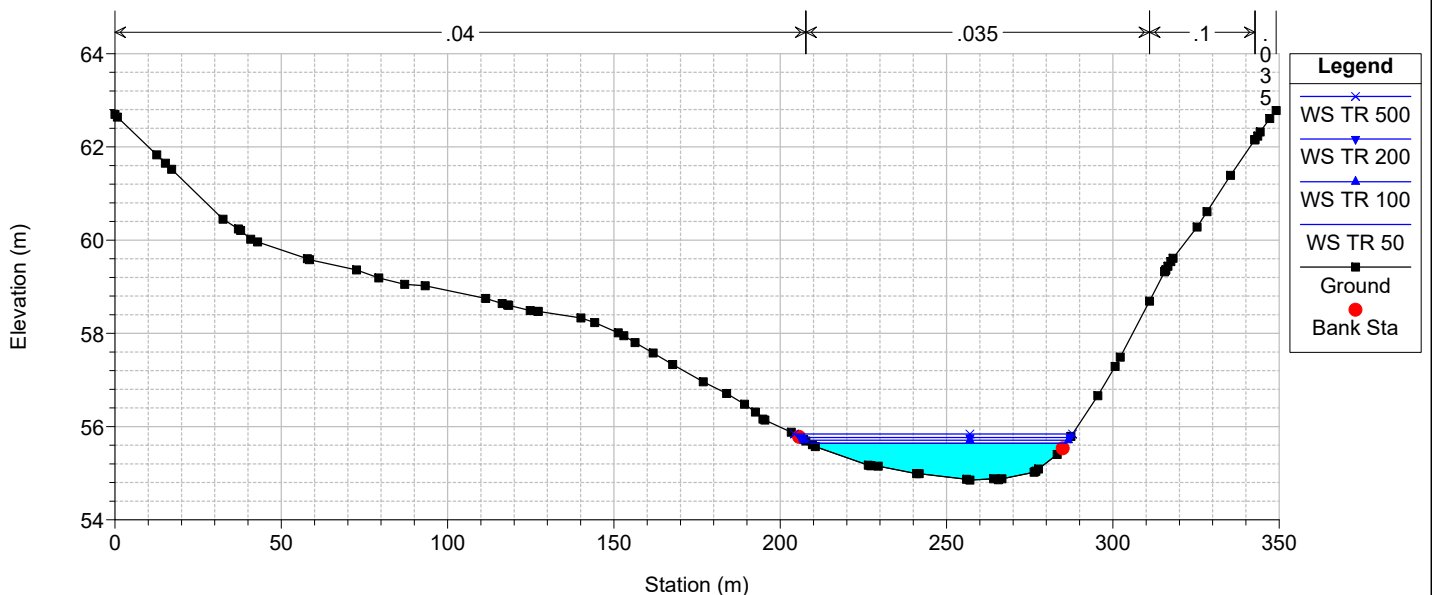
River = Trainu_Ispirida Reach = D29 RS = 3114.989 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

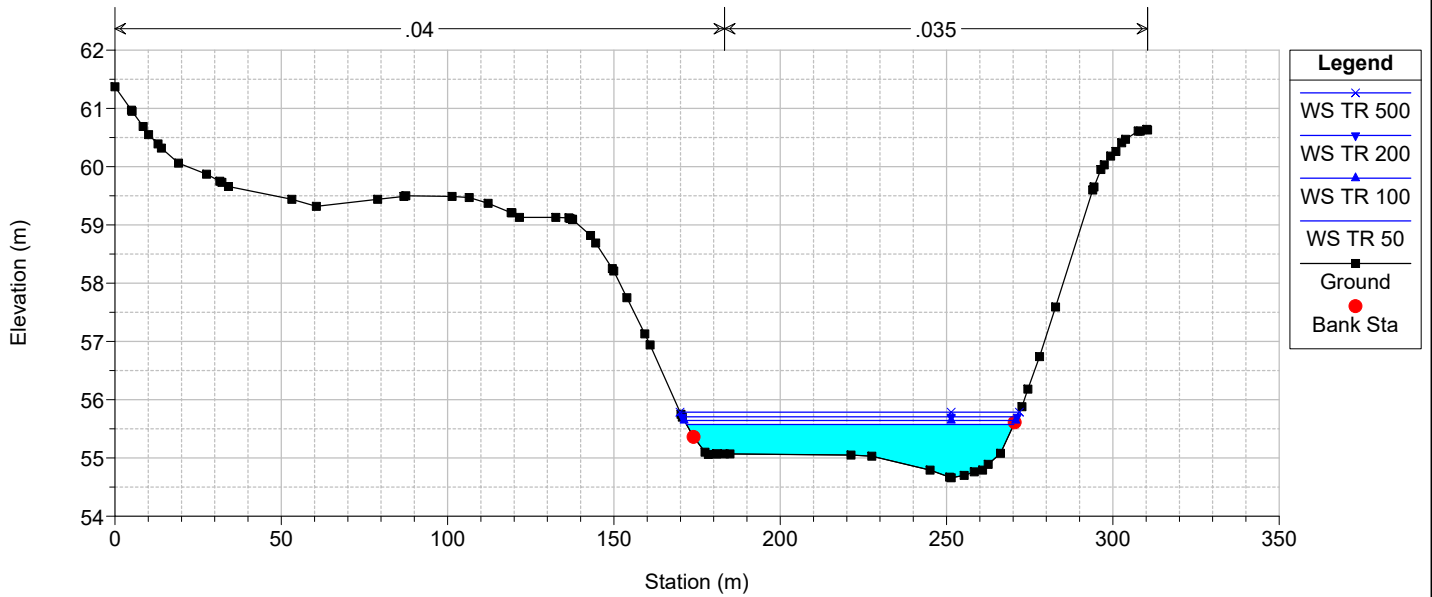
River = Trainu_Ispirida Reach = D29 RS = 3080.222 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

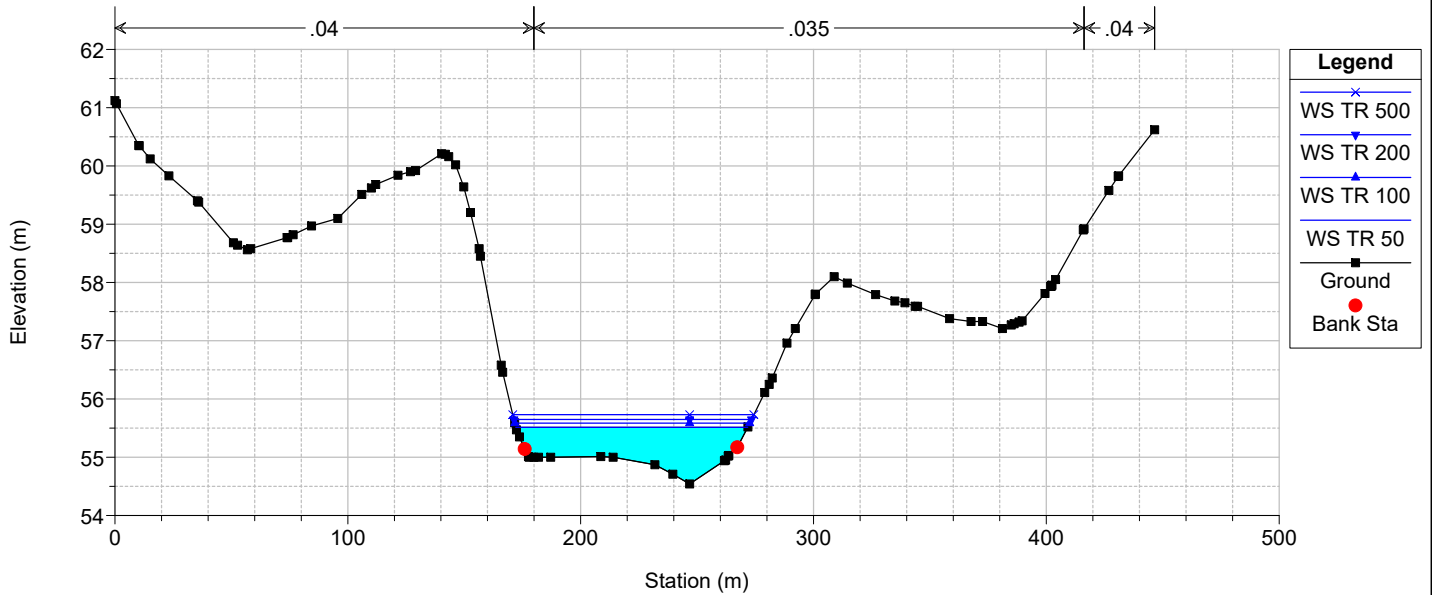
River = Trainu_Ispirida Reach = D29 RS = 3044.824 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

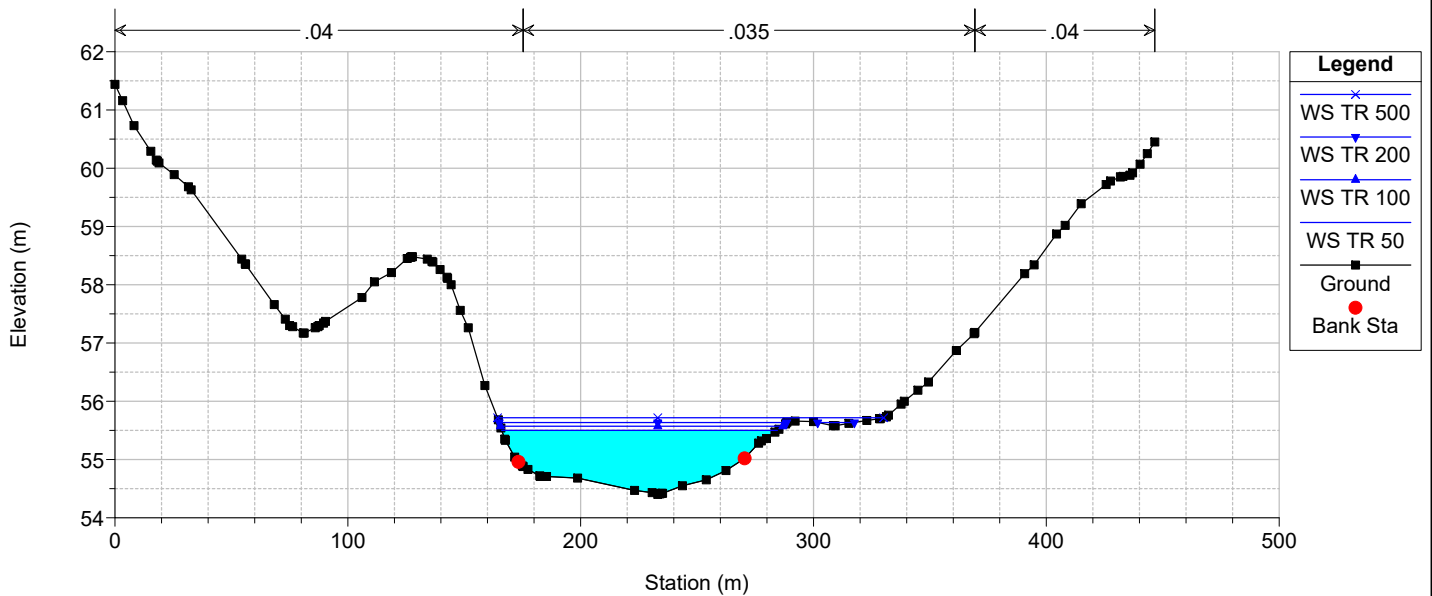
River = Trainu_Ispirida Reach = D29 RS = 3010.797 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

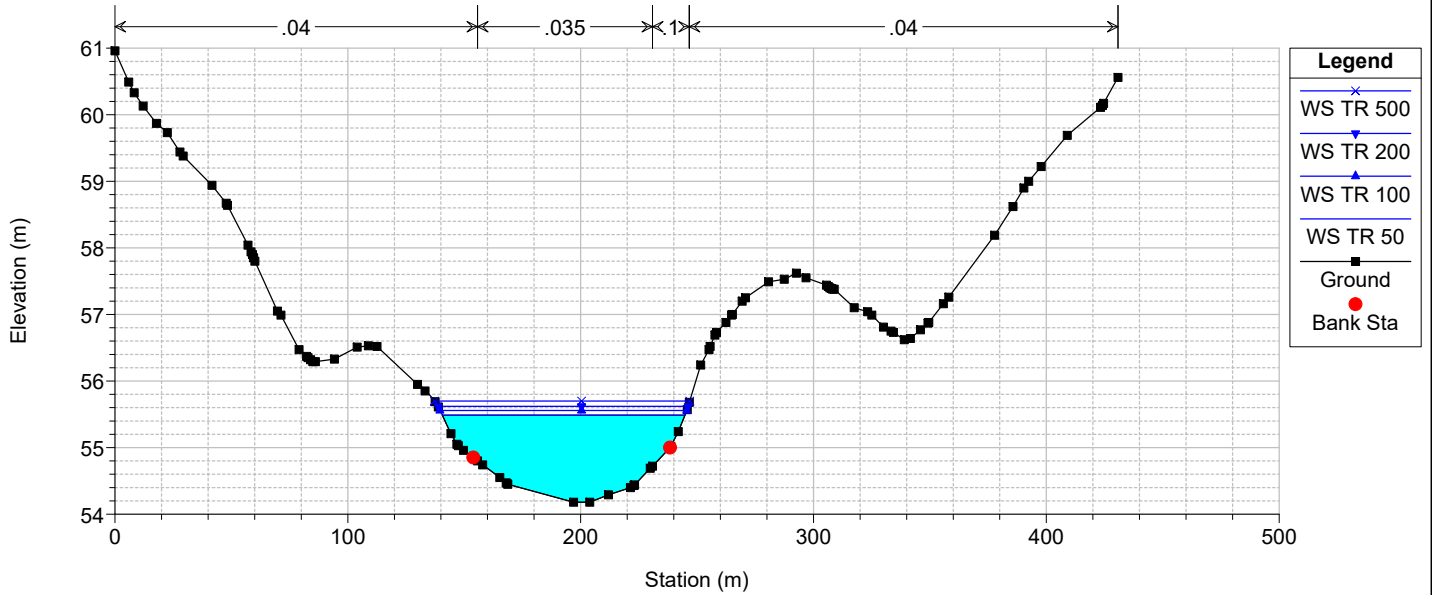
River = Trainu_Ispirida Reach = D29 RS = 2975.558 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

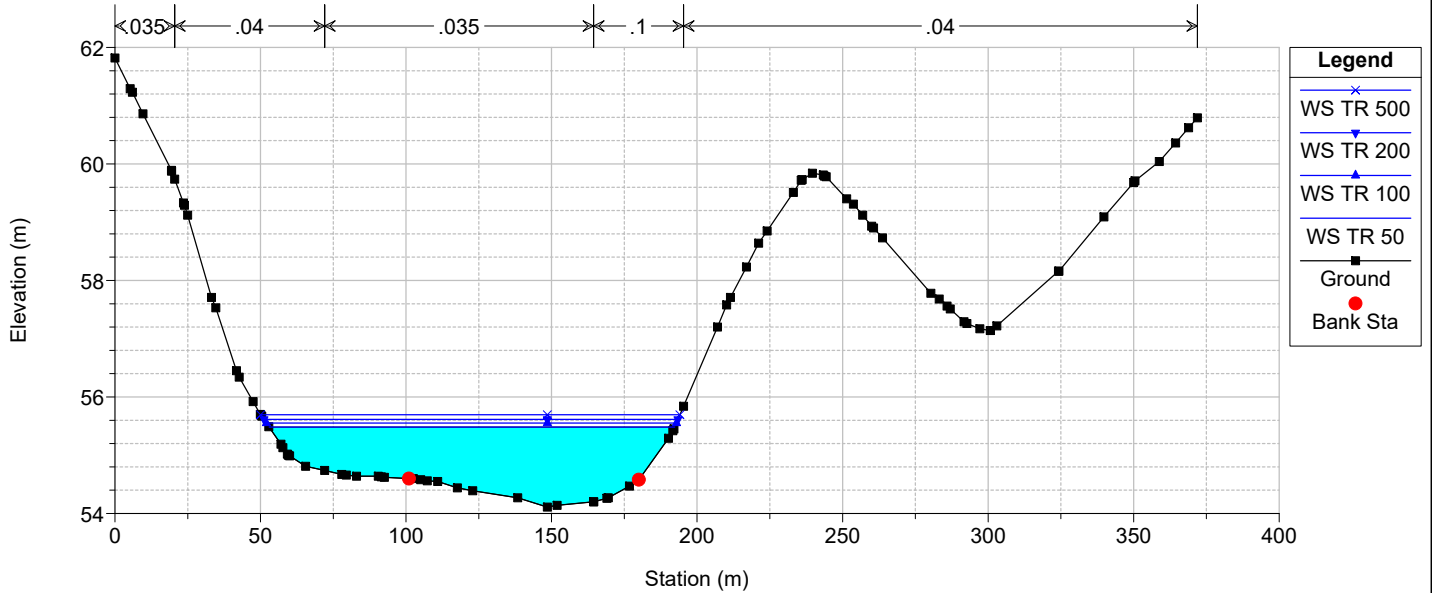
River = Trainu_Ispirida Reach = D29 RS = 2940 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

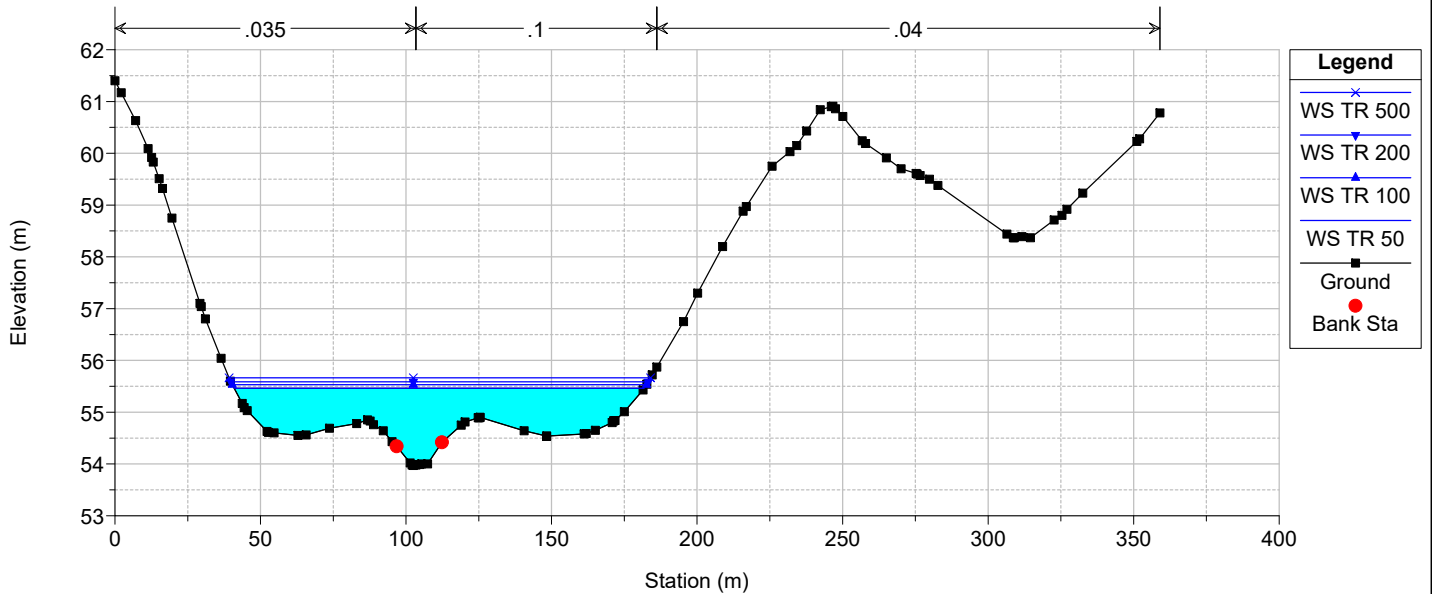
River = Trainu_Ispirida Reach = D29 RS = 2905.004 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

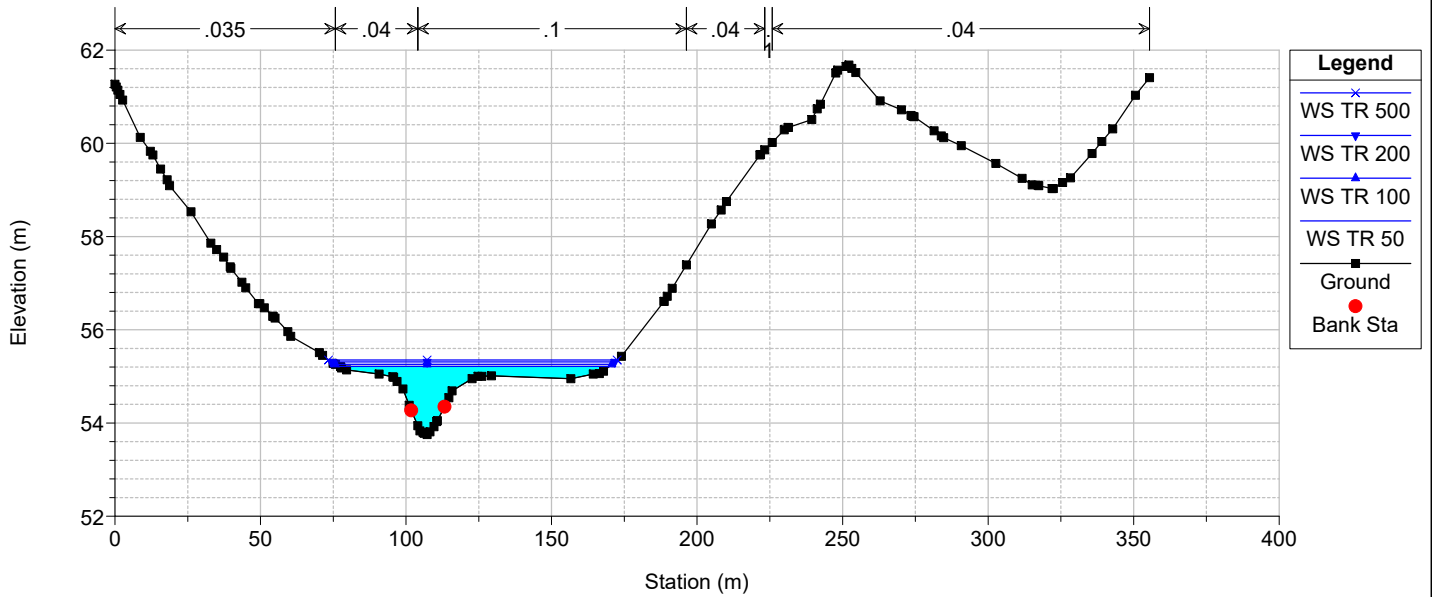
River = Trainu_Ispirida Reach = D29 RS = 2870.213 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

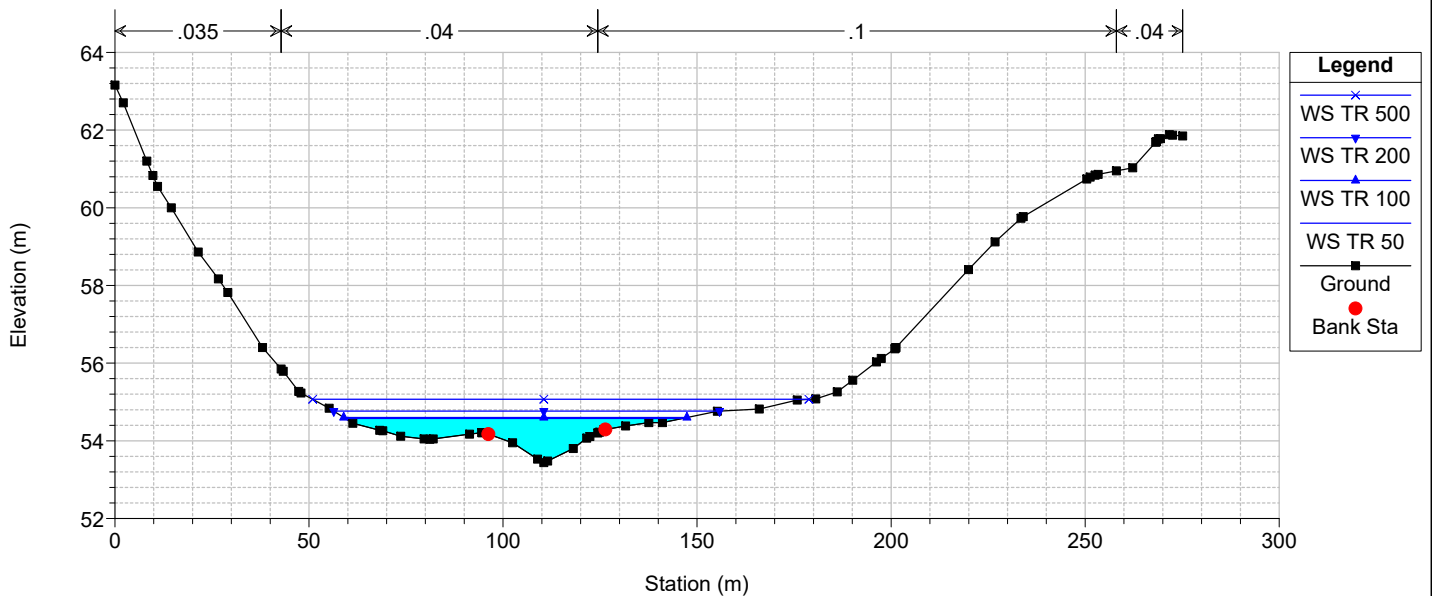
River = Trainu_Ispirida Reach = D29 RS = 2834.859 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

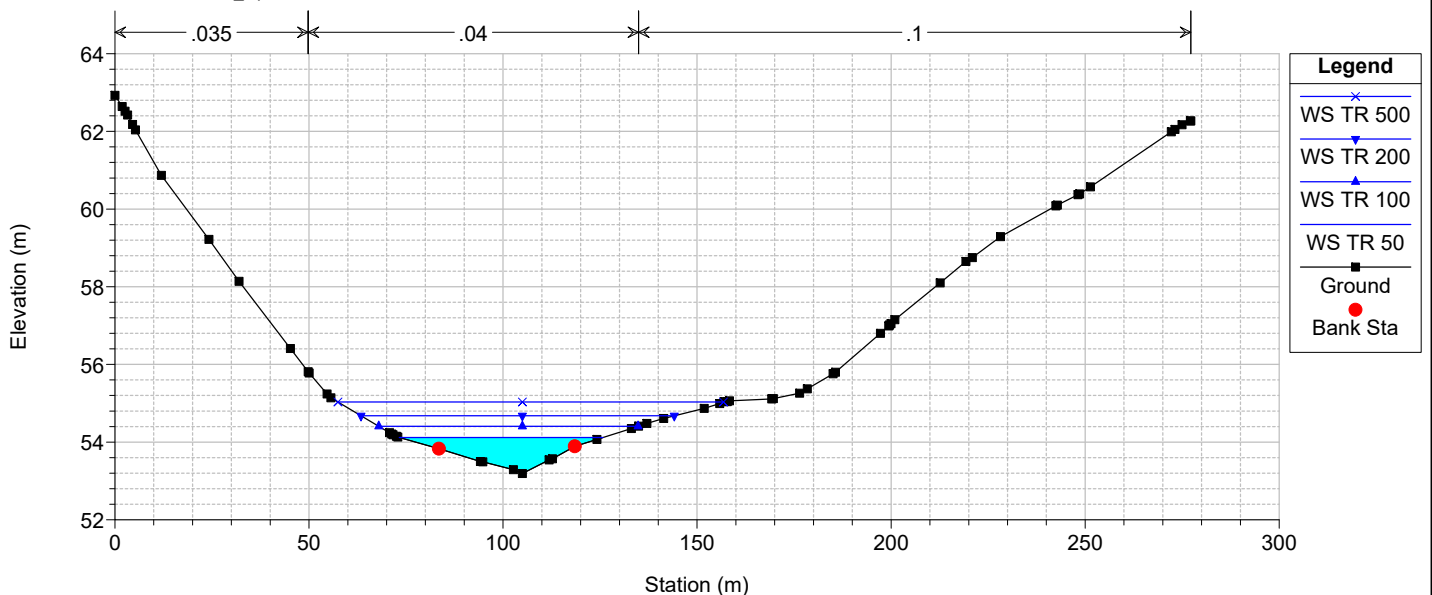
River = Trainu_Ispirida Reach = D29 RS = 2800.259 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

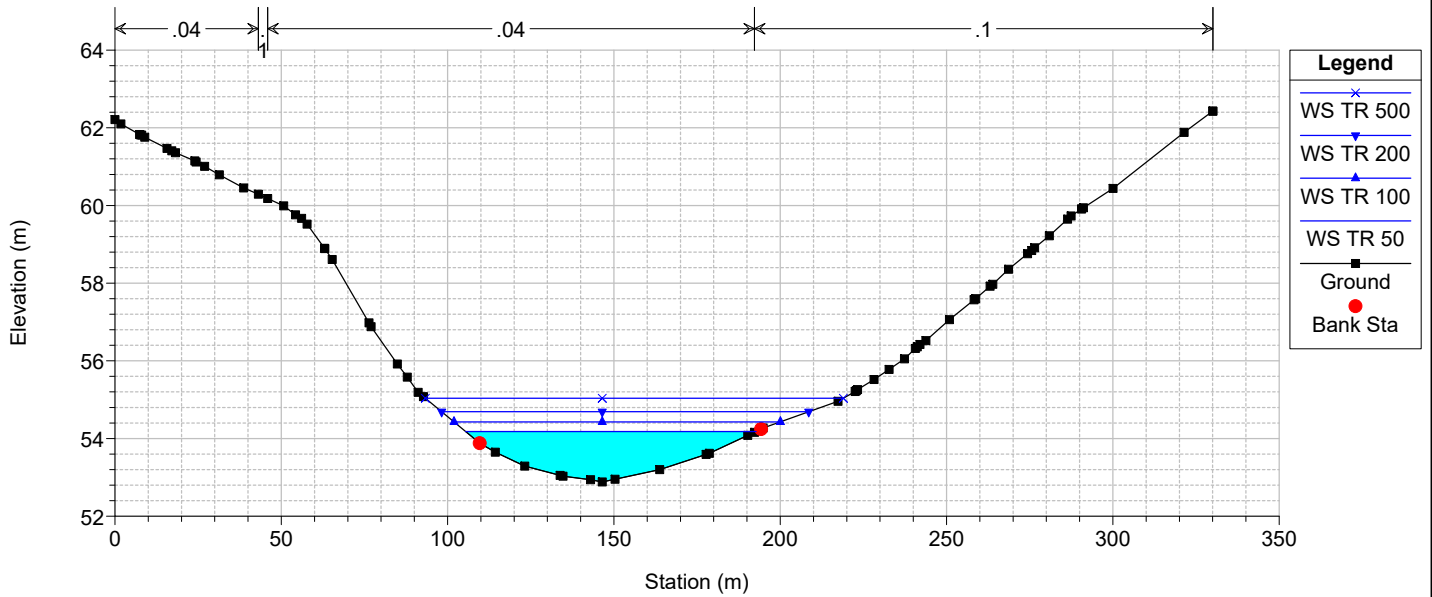
River = Trainu_Ispirida Reach = D29 RS = 2765.96 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

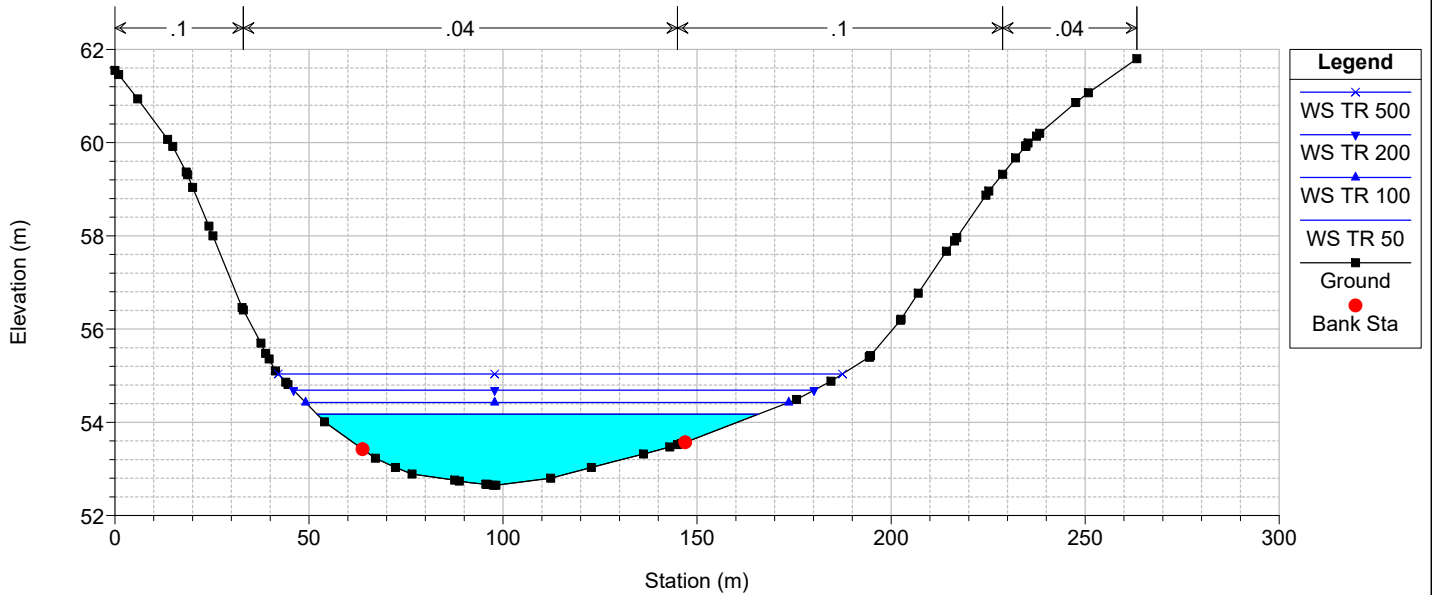
River = Trainu_Ispirida Reach = D29 RS = 2729.611 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

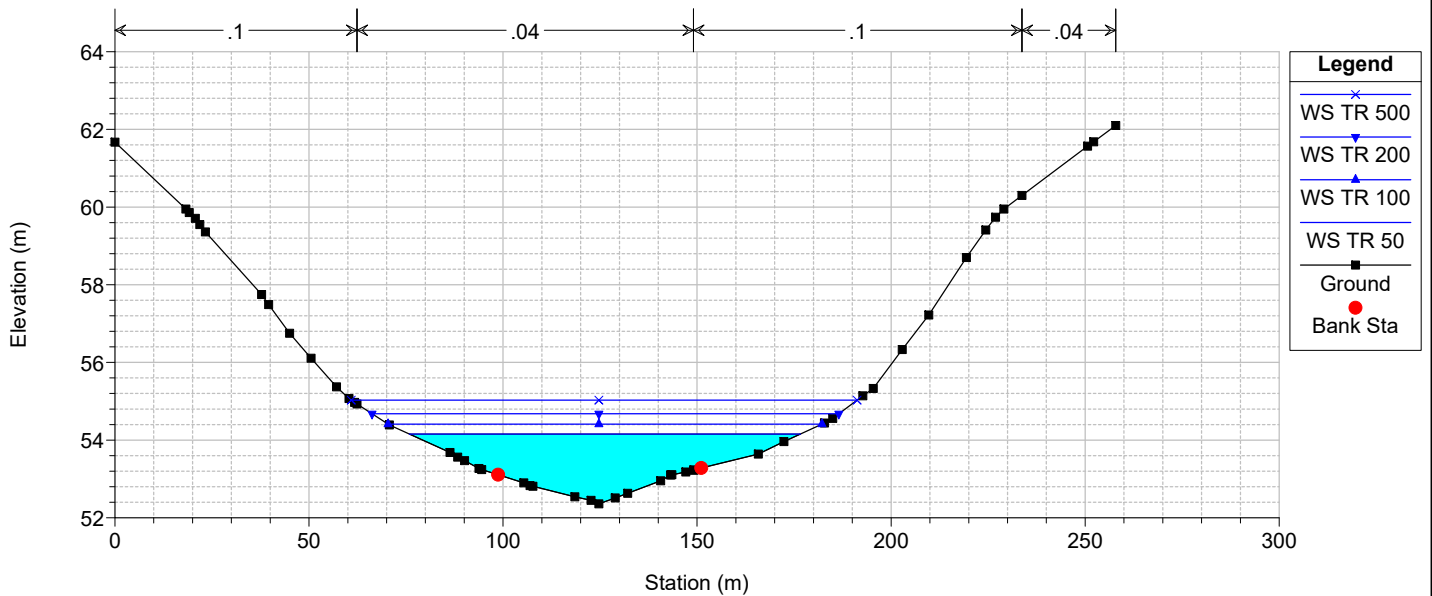
River = Trainu_Ispirida Reach = D29 RS = 2695.119 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

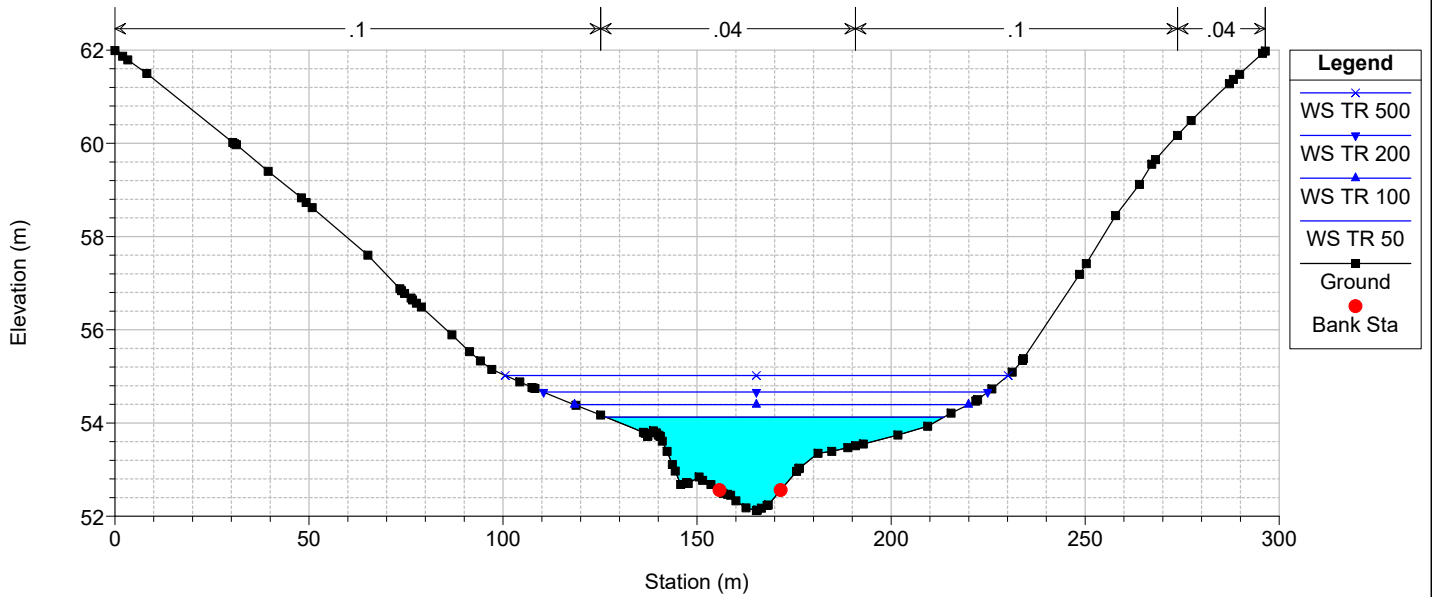
River = Trainu_Ispirida Reach = D29 RS = 2660.093 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

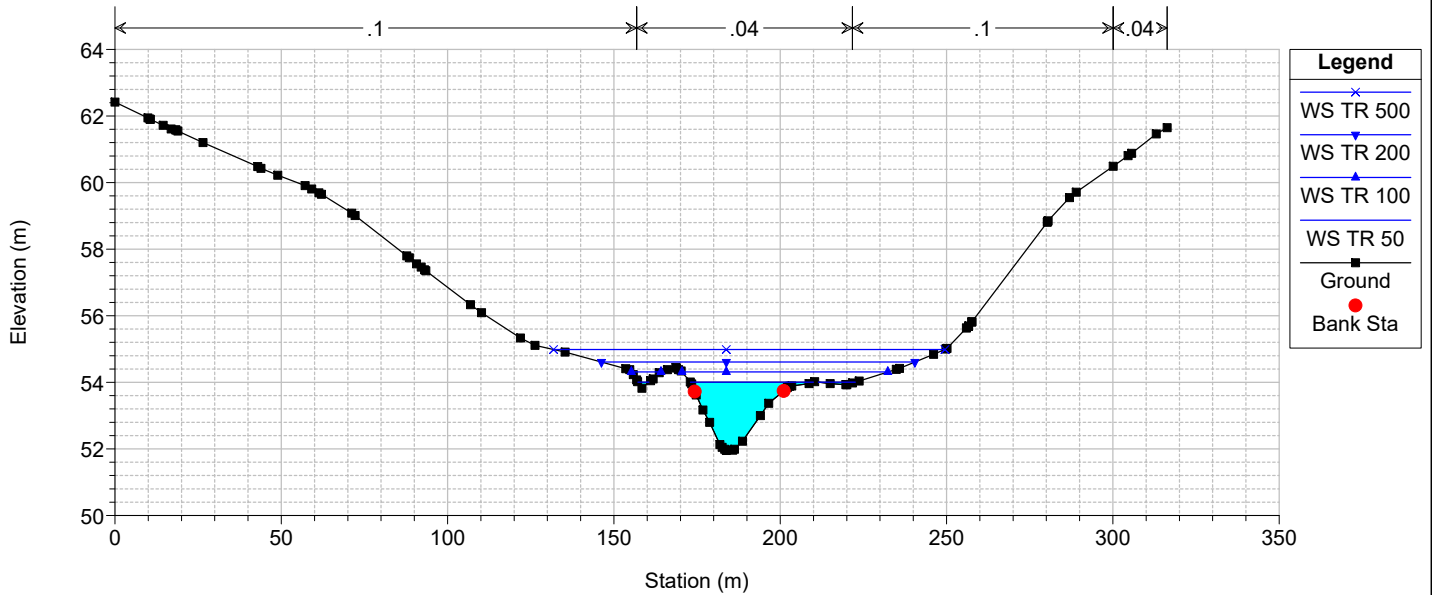
River = Trainu_Ispirida Reach = D29 RS = 2625.017 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

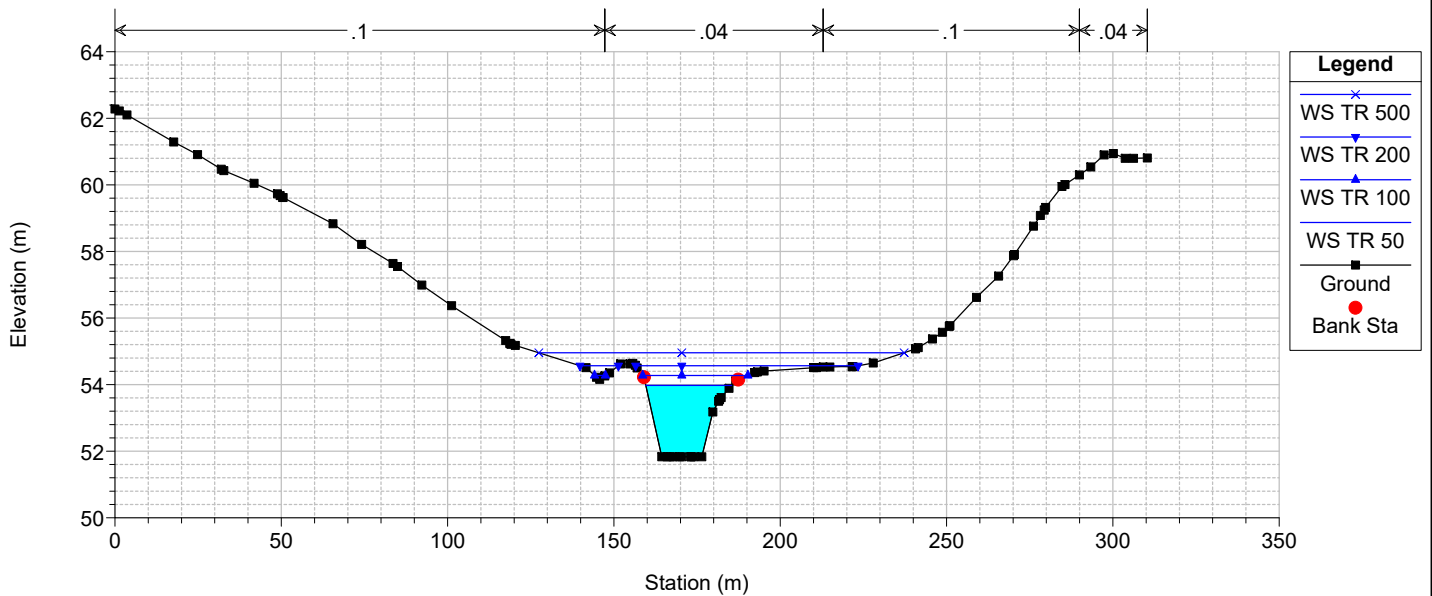
River = Trainu_Ispirida Reach = D29 RS = 2590.126 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

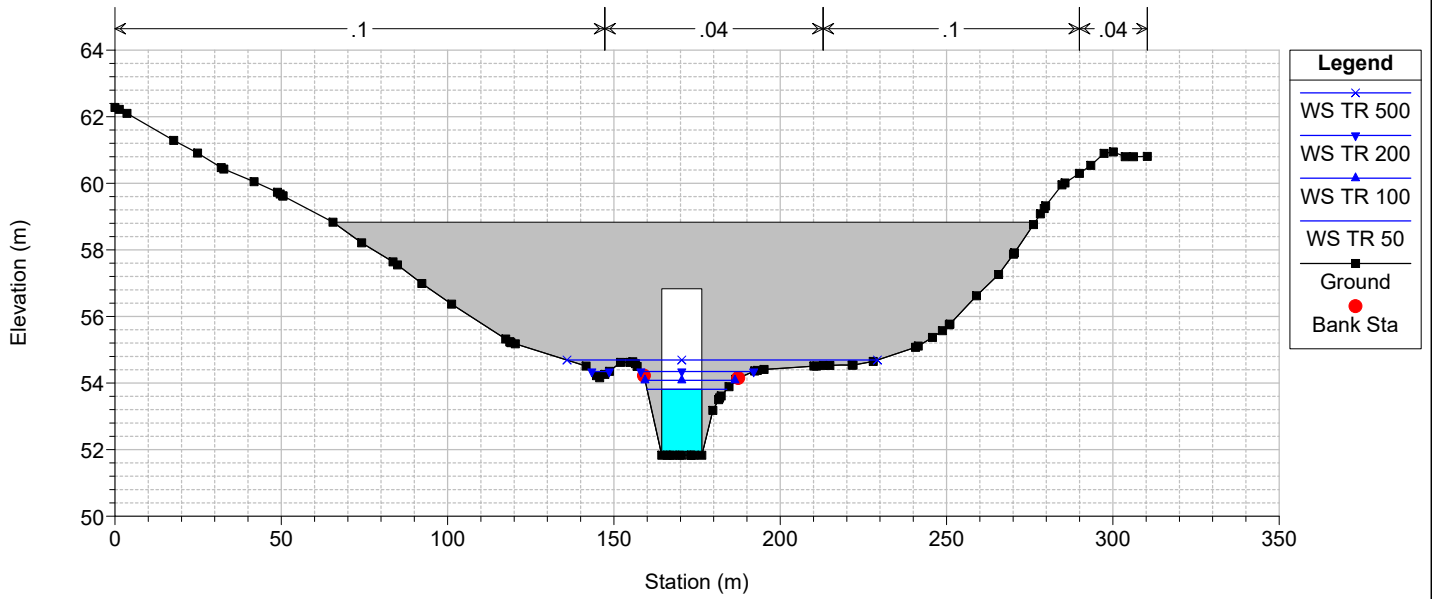
River = Trainu_Ispirida Reach = D29 RS = 2566.894 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

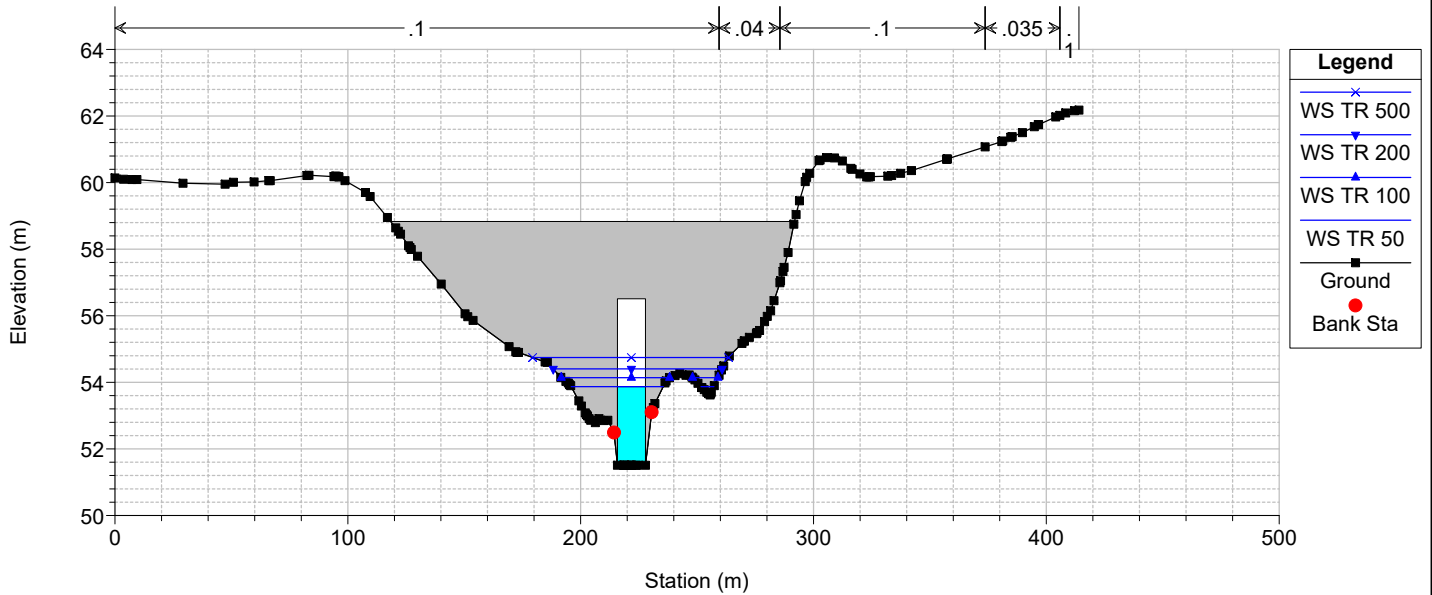
River = Trainu_Ispirida Reach = D29 RS = 2540.573 Culv D30 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

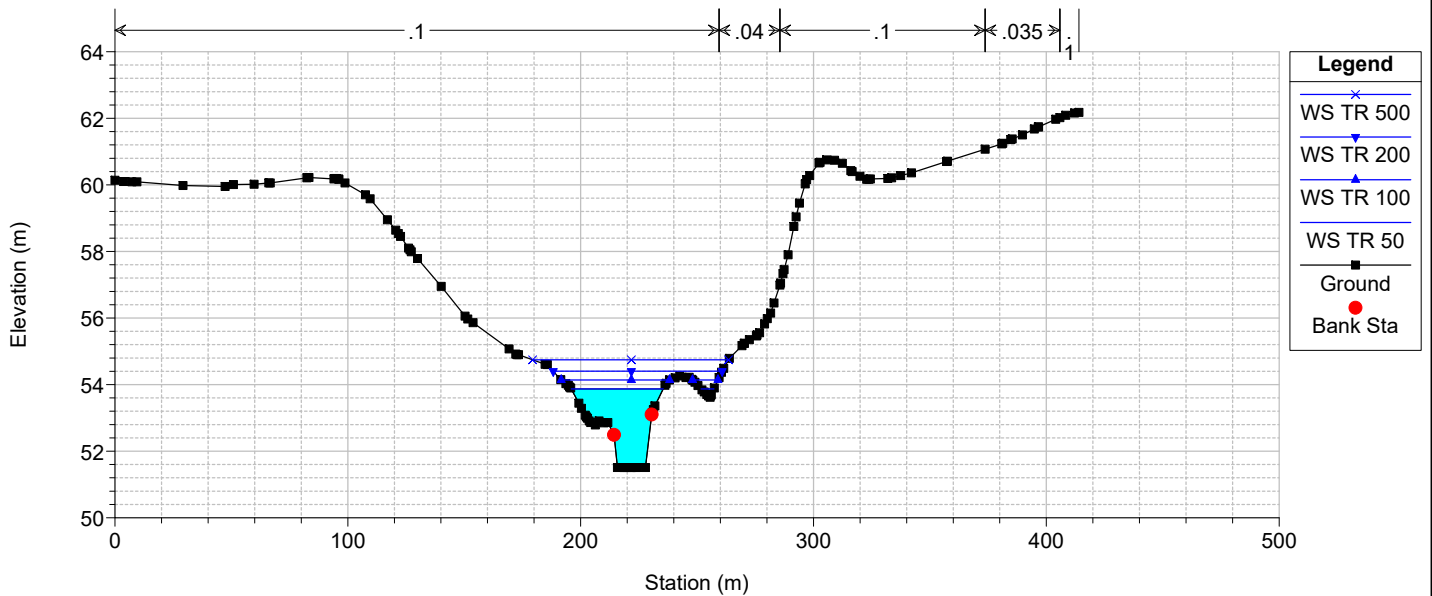
River = Trainu_Ispirida Reach = D29 RS = 2540.573 Culv D30 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

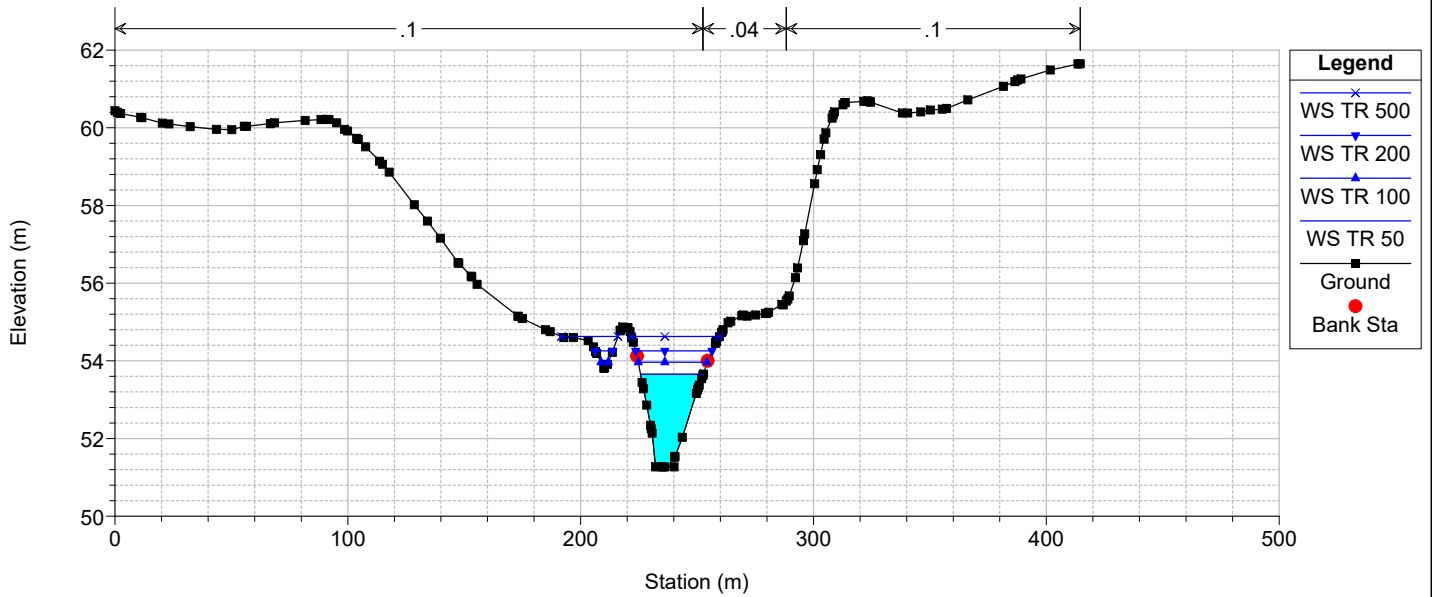
River = Trainu_Ispirida Reach = D29 RS = 2520.148 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

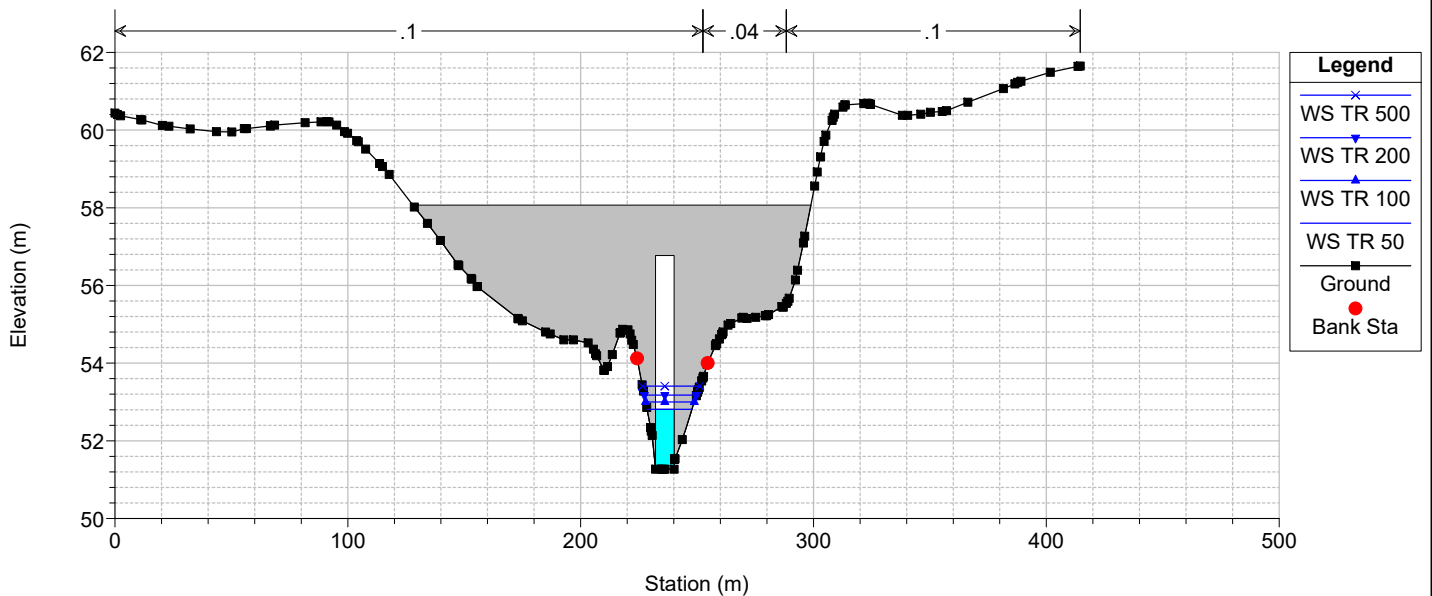
River = Trainu_Ispirida Reach = D29 RS = 2489.4 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

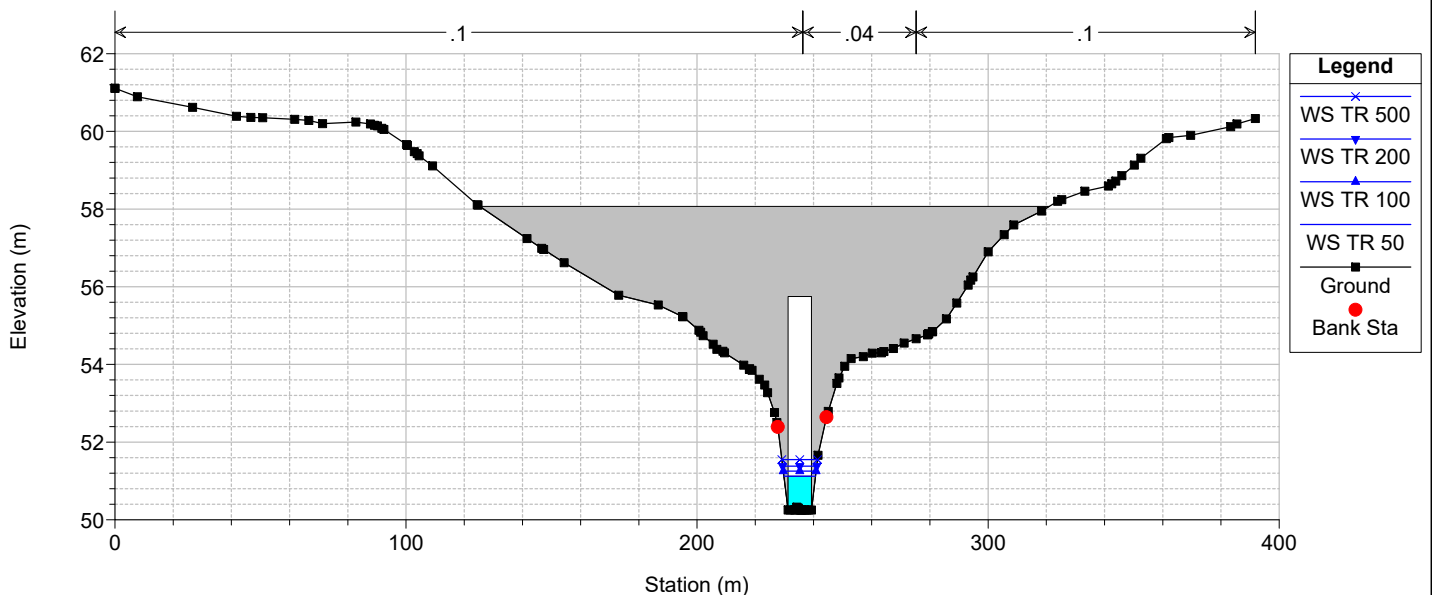
River = Trainu_Ispirida Reach = D29 RS = 2471.795 Culv D29 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

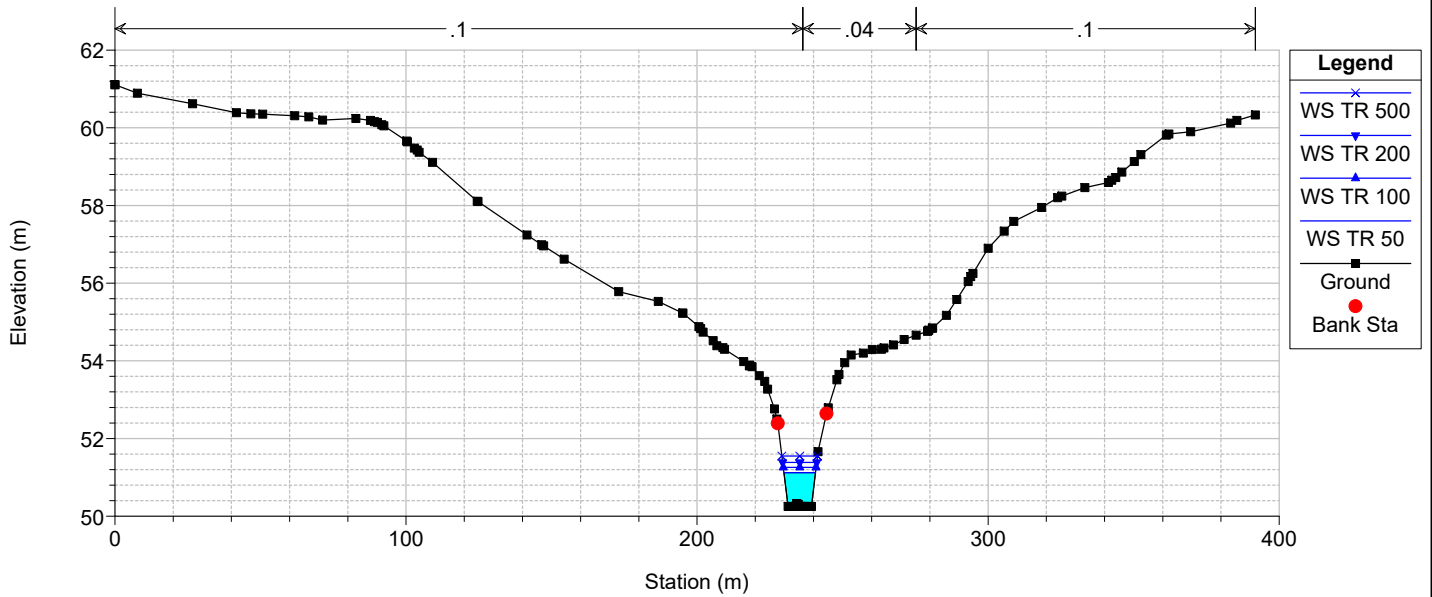
River = Trainu_Ispirida Reach = D29 RS = 2471.795 Culv D29 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

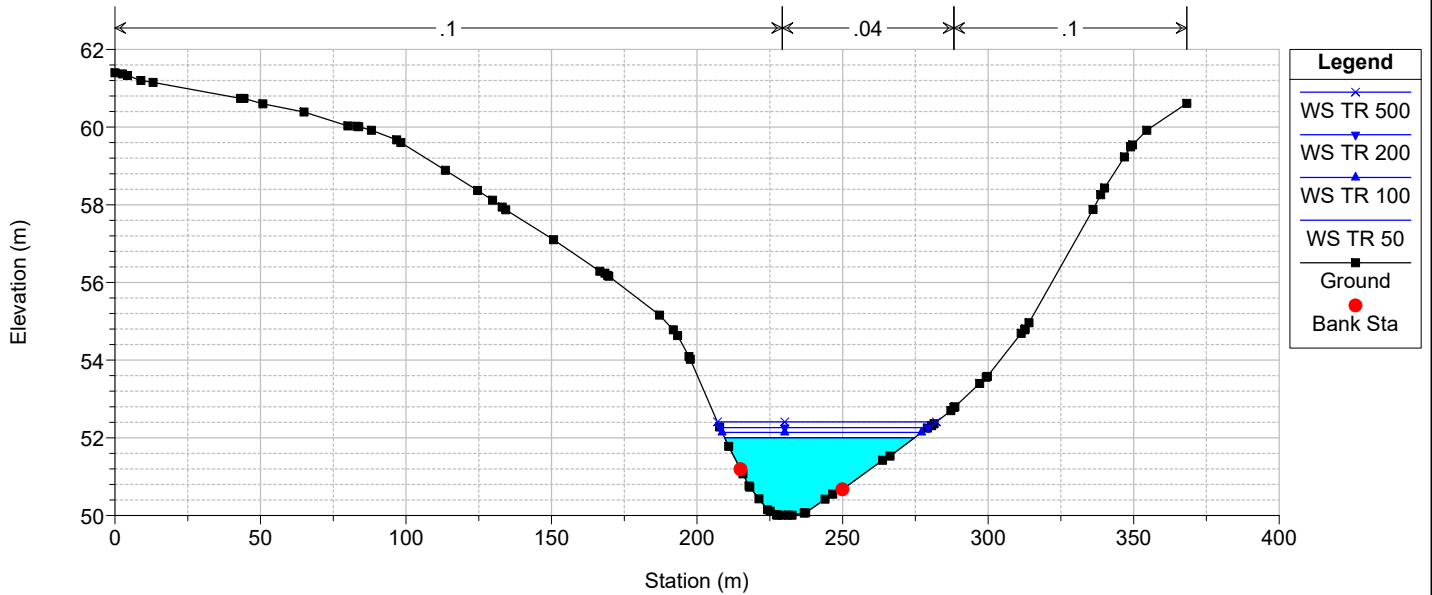
River = Trainu_Ispirida Reach = D29 RS = 2456.524 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

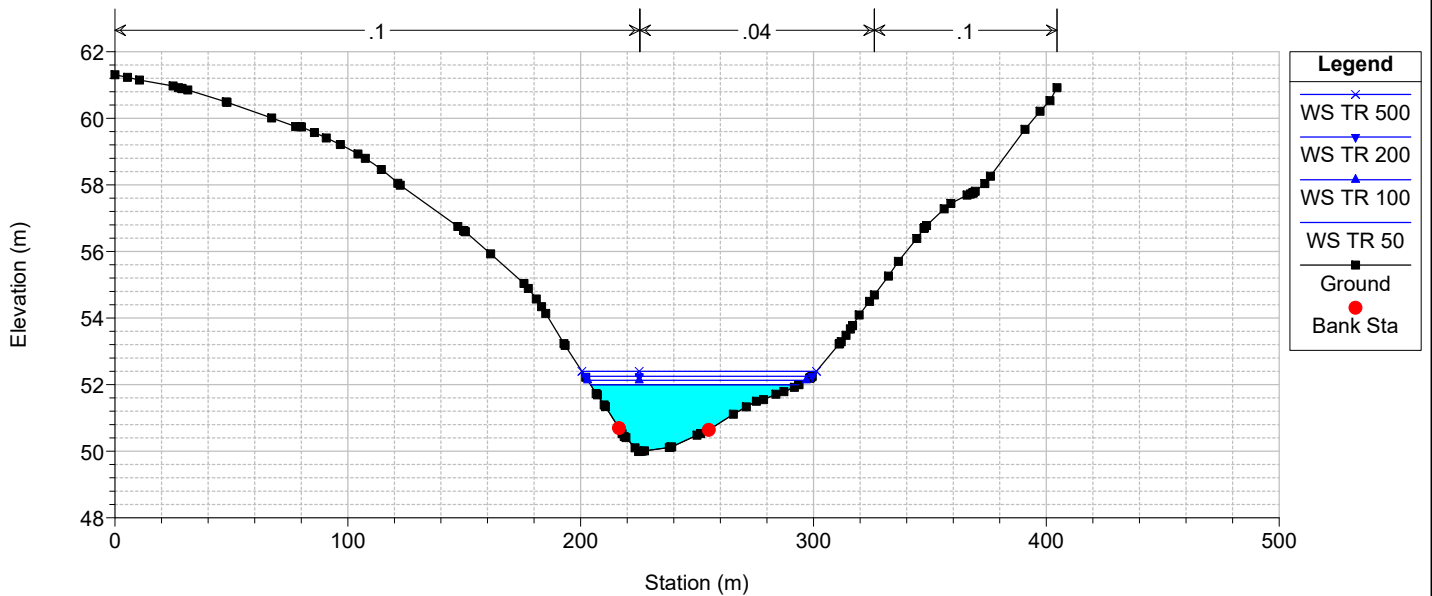
River = Trainu_Ispirida Reach = D29 RS = 2415.39 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

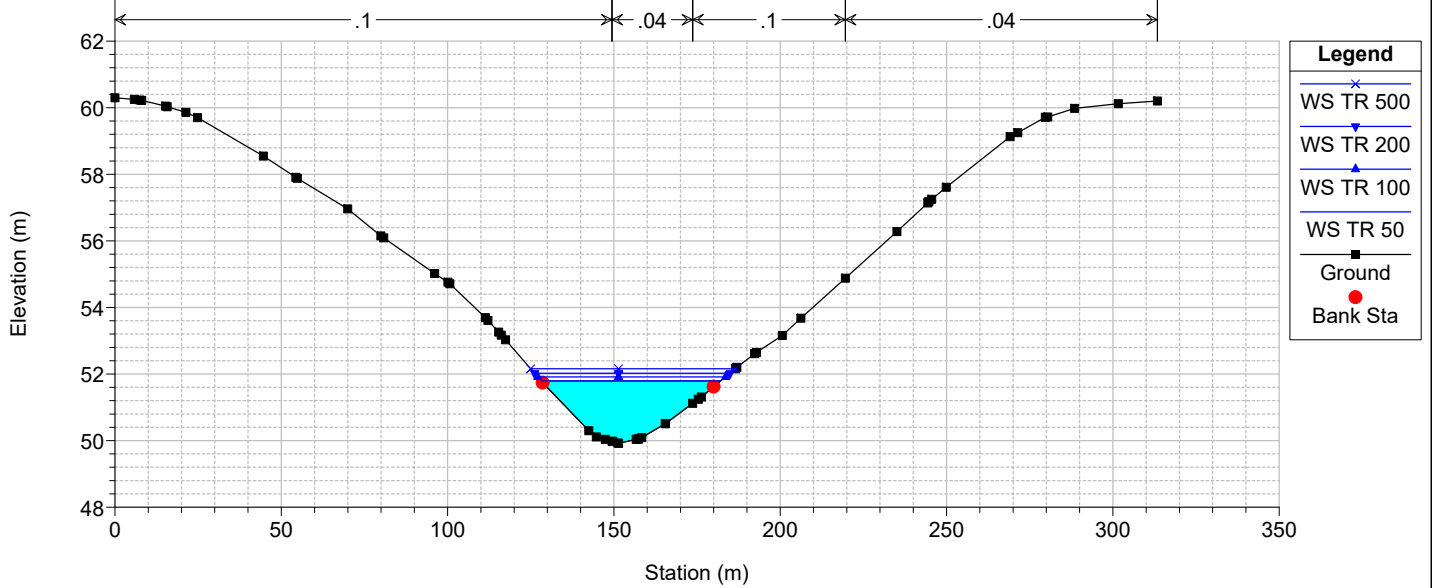
River = Trainu_Ispirida Reach = D29 RS = 2380.289 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

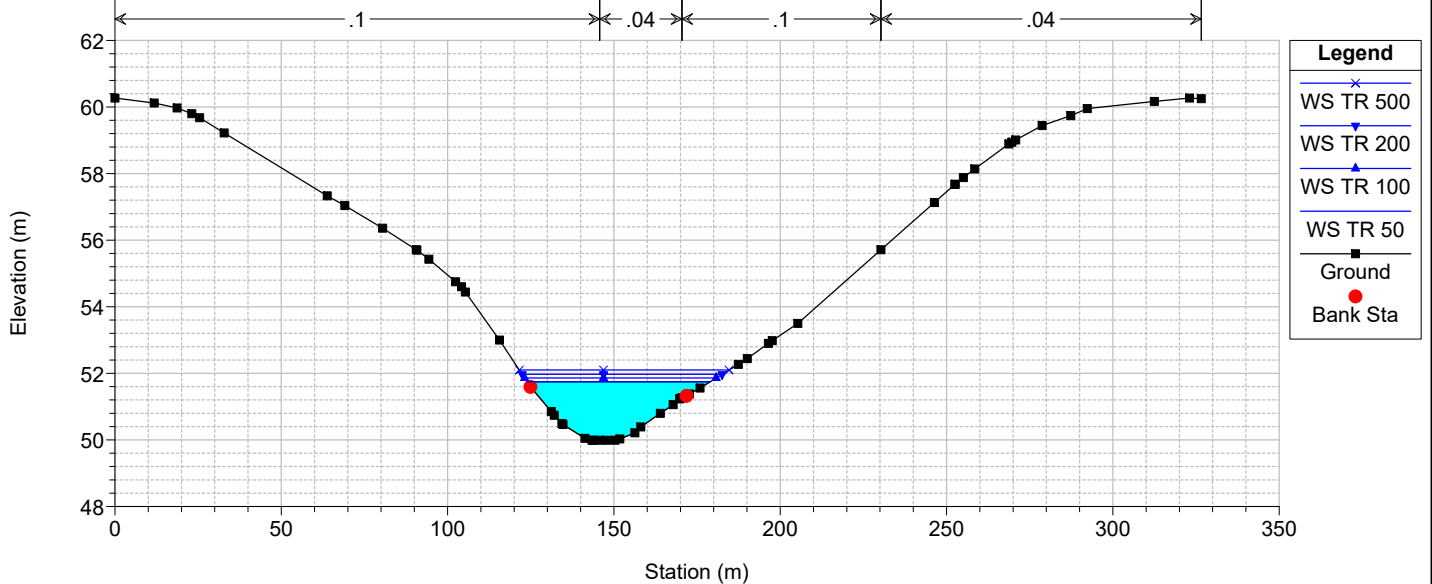
River = Trainu_Ispirida Reach = D29 RS = 2240.261 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

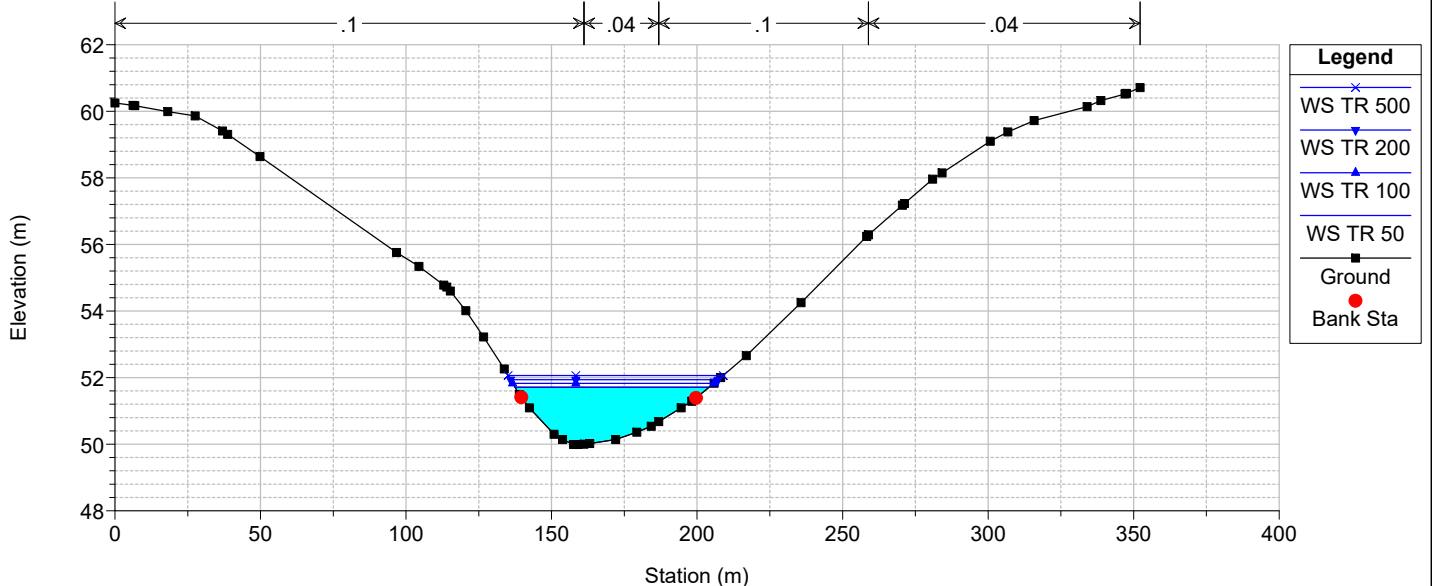
River = Trainu_Ispirida Reach = D29 RS = 2205.567 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

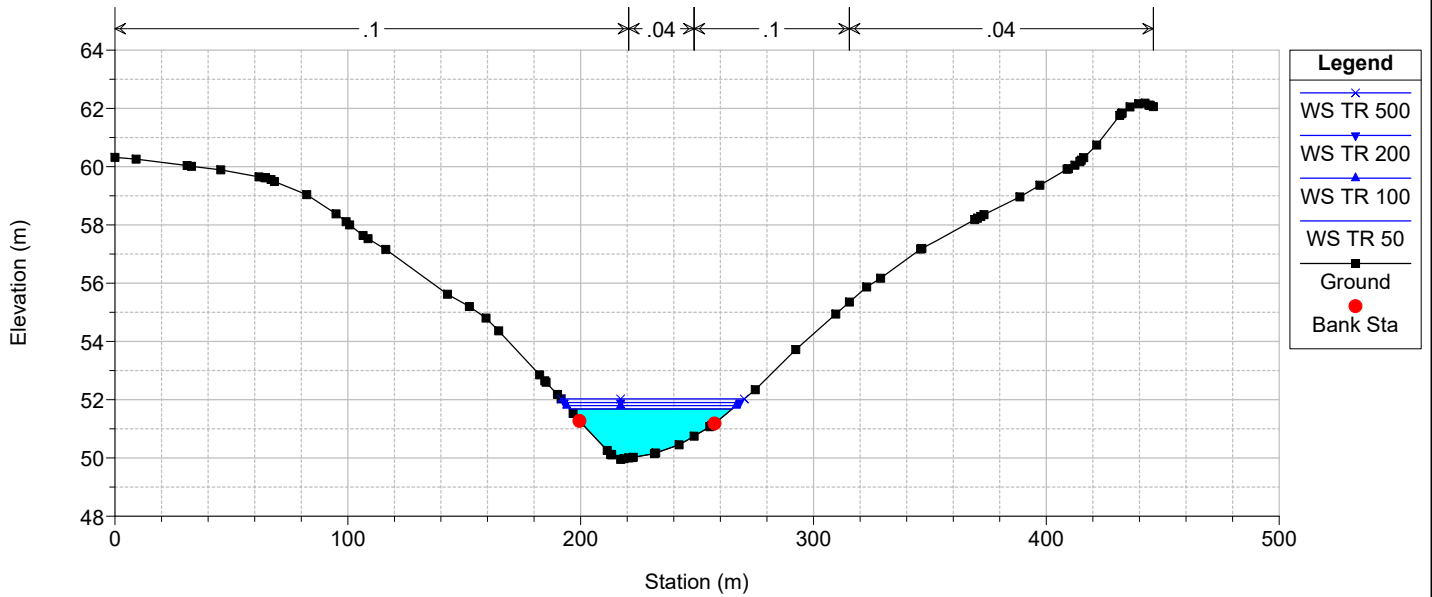
River = Trainu_Ispirida Reach = D29 RS = 2169.397 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

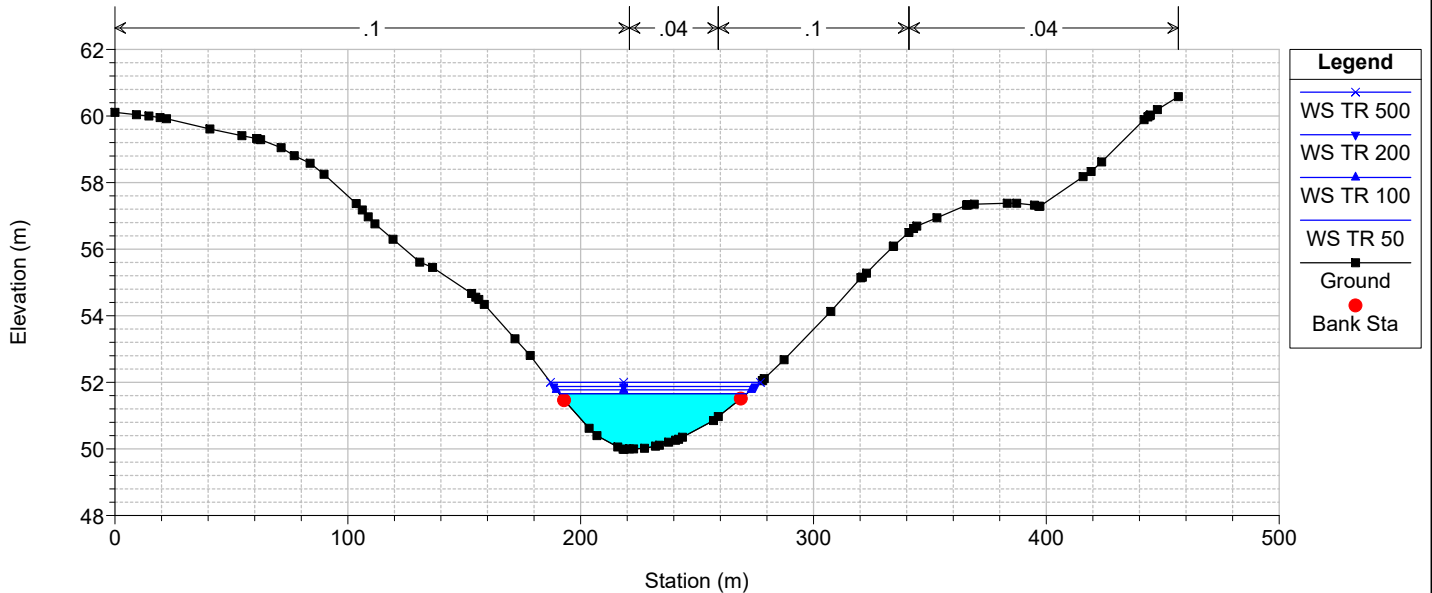
River = Trainu_Ispirida Reach = D29 RS = 2135.551 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

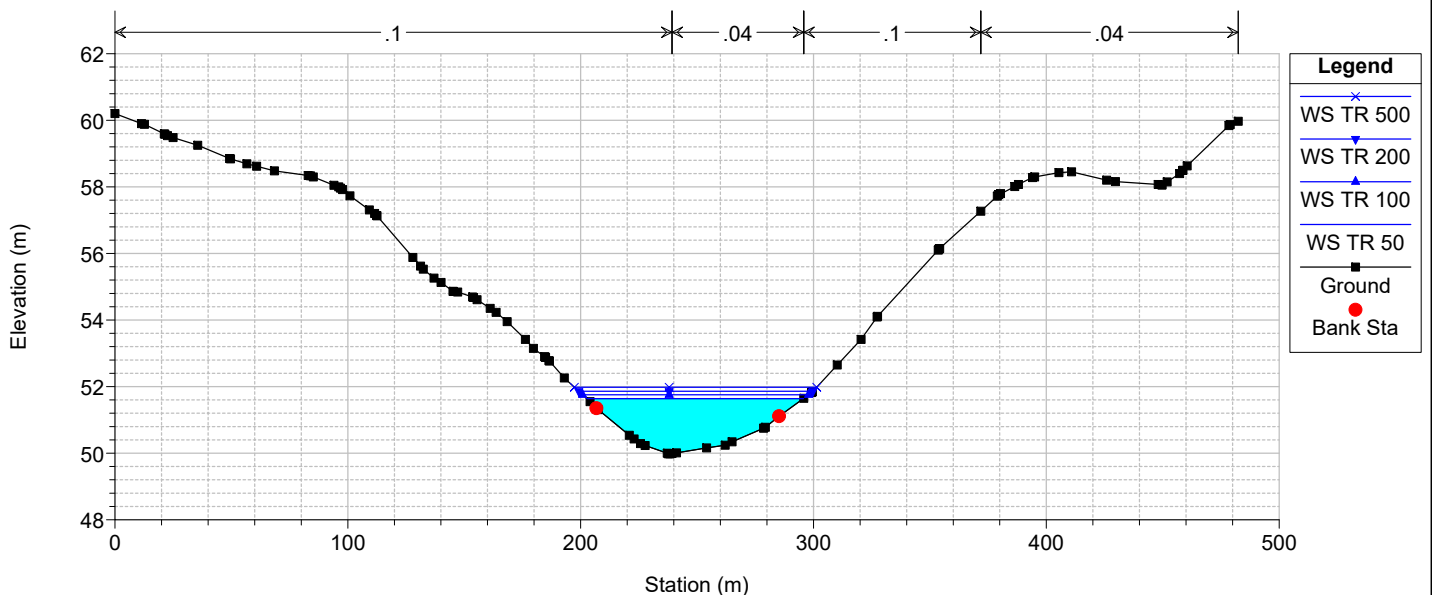
River = Trainu_Ispirida Reach = D29 RS = 2100.157 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

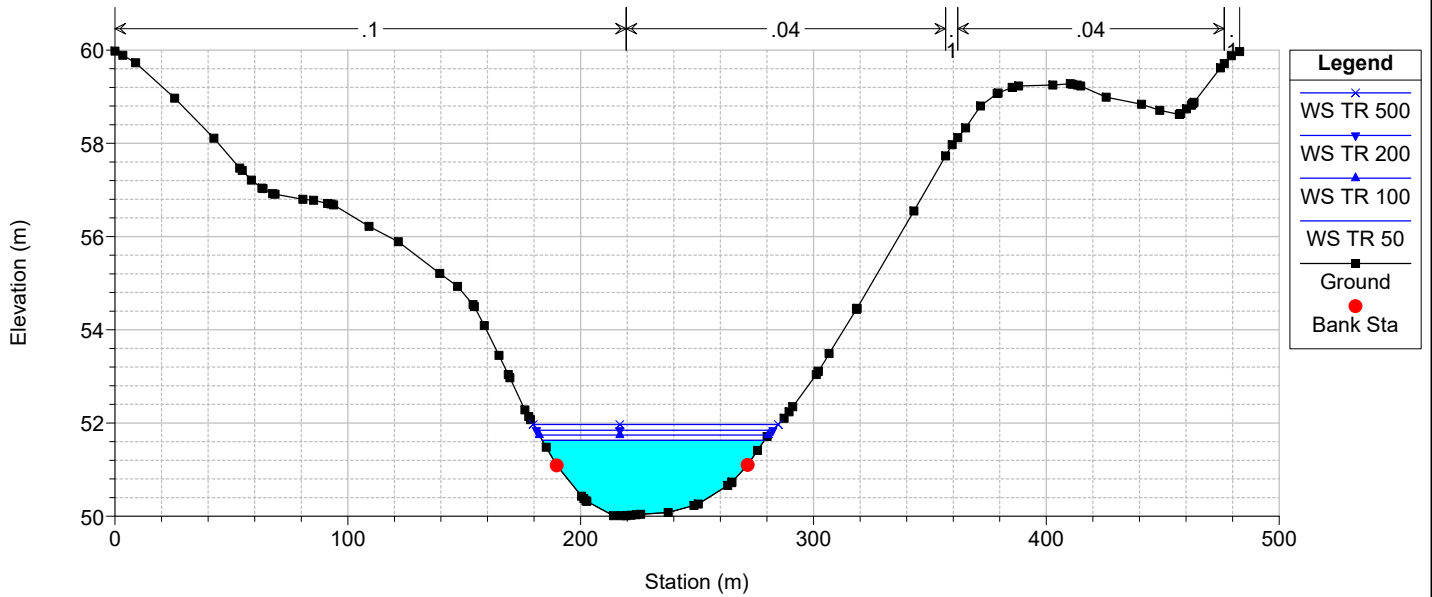
River = Trainu_Ispirida Reach = D29 RS = 2065.265 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

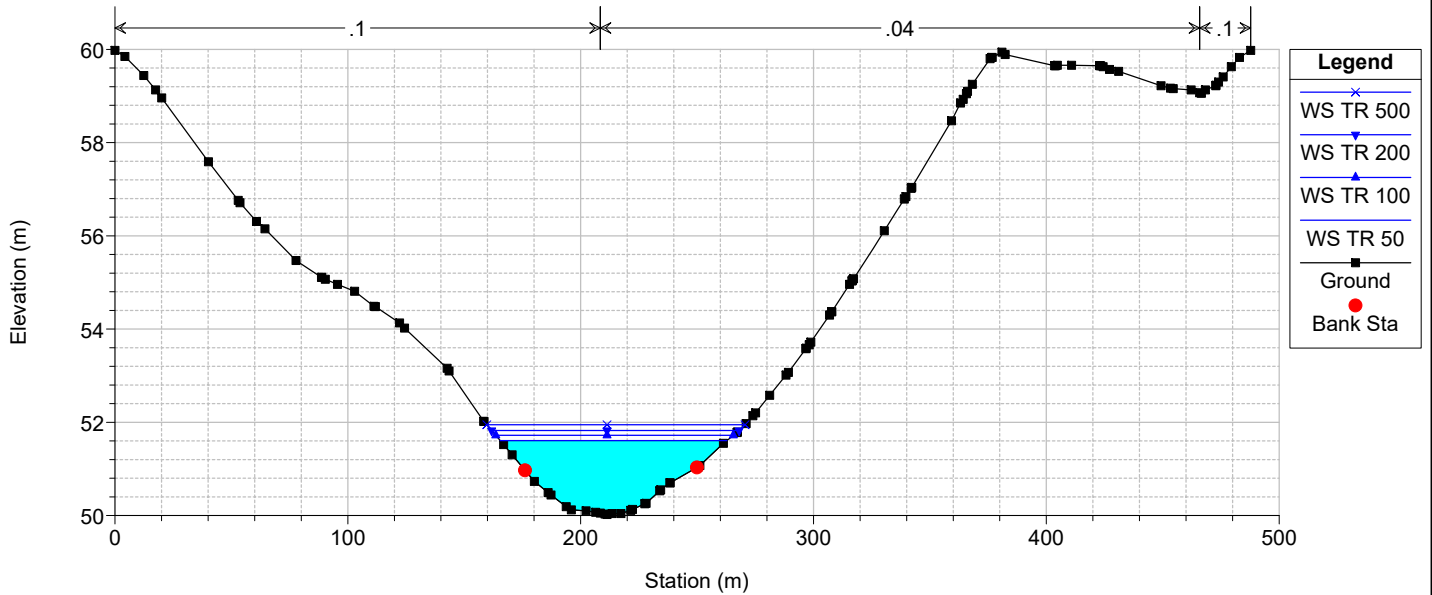
River = Trainu_Ispirida Reach = D29 RS = 2029.996 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

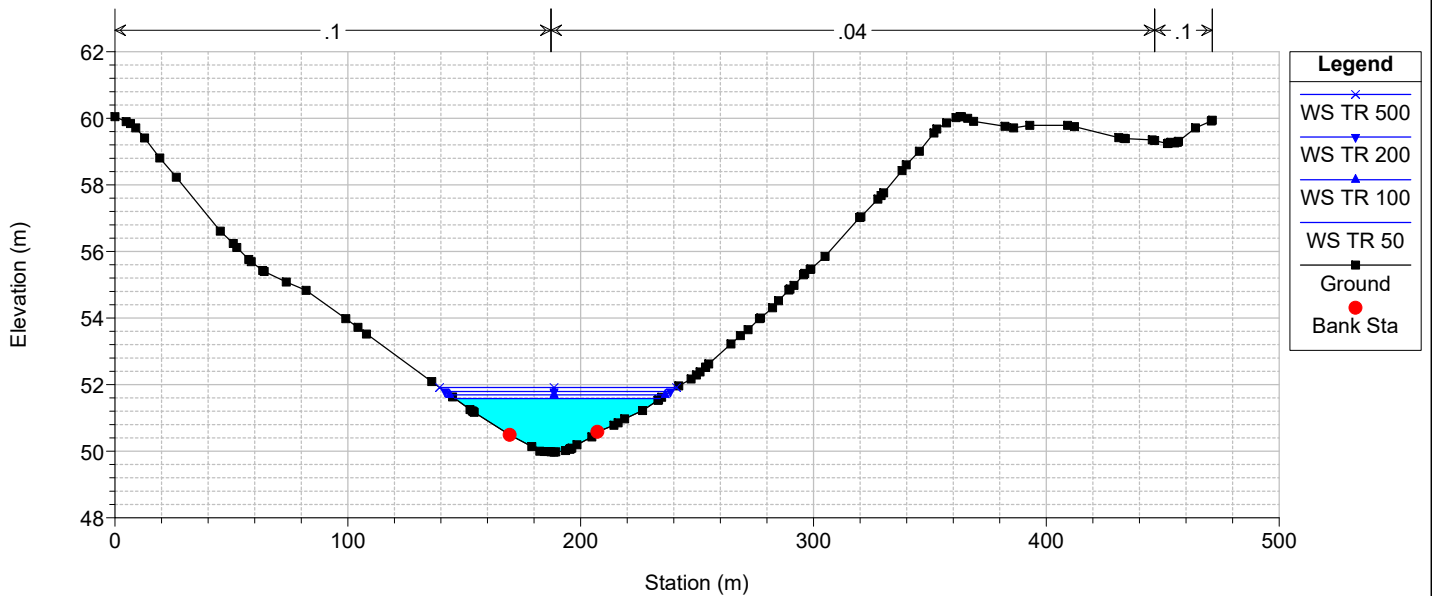
River = Trainu_Ispirida Reach = D29 RS = 1995 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

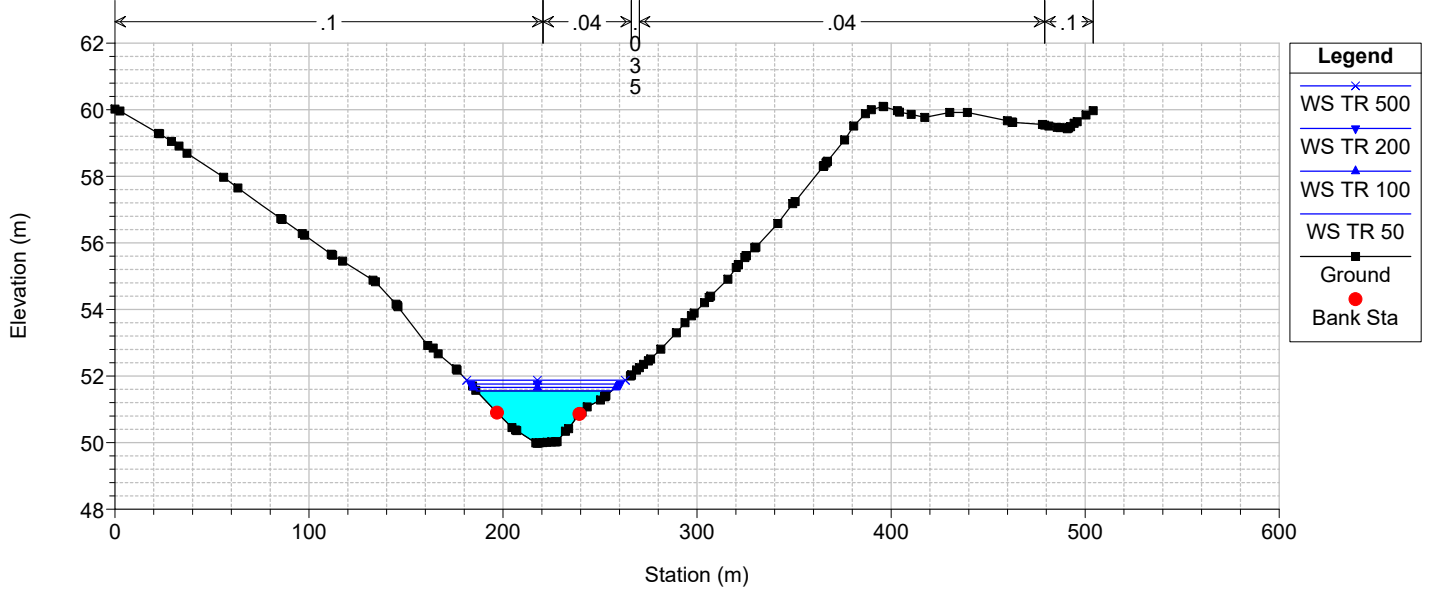
River = Trainu_Ispirida Reach = D29 RS = 1974.325 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

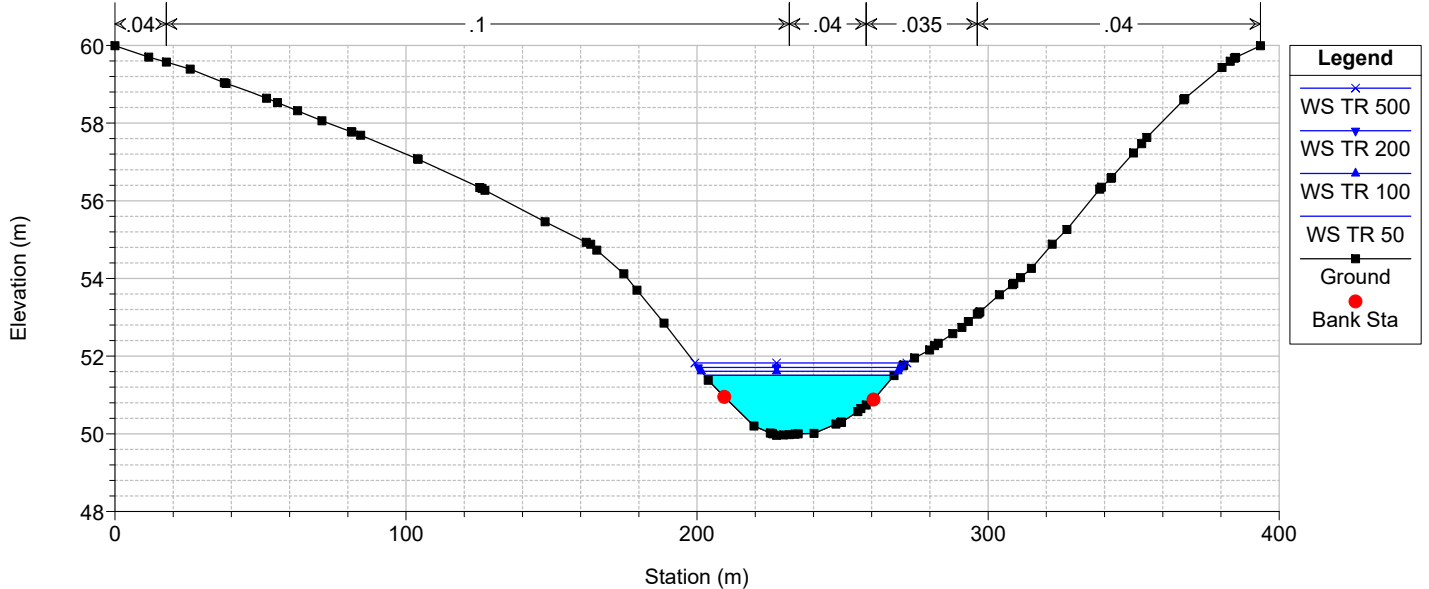
River = Trainu_Ispirida Reach = D29 RS = 1959.774 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

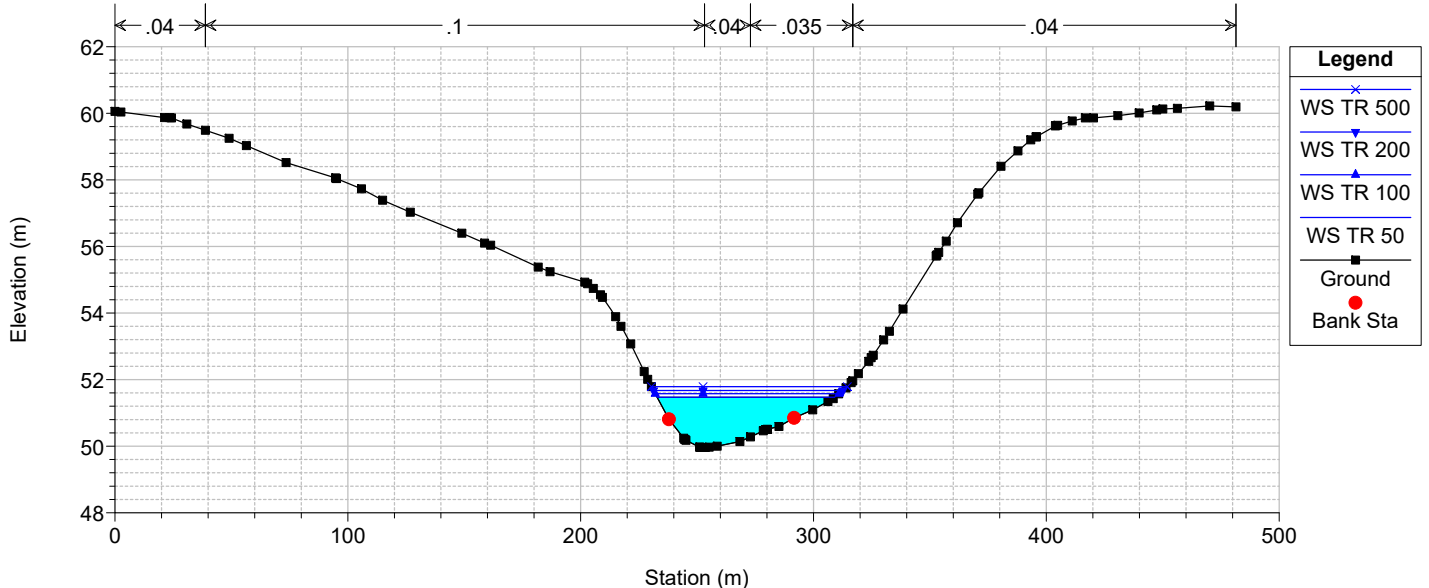
River = Trainu_Ispirida Reach = D29 RS = 1925.339 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

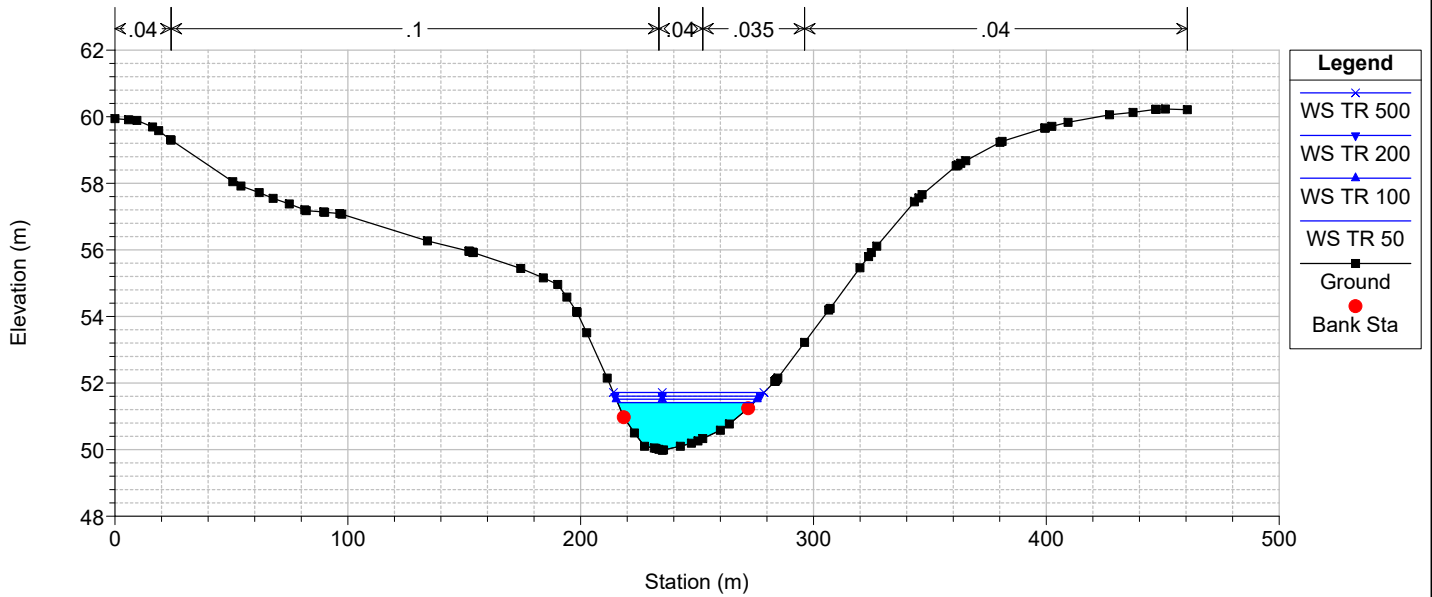
River = Trainu_Ispirida Reach = D29 RS = 1889.949 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

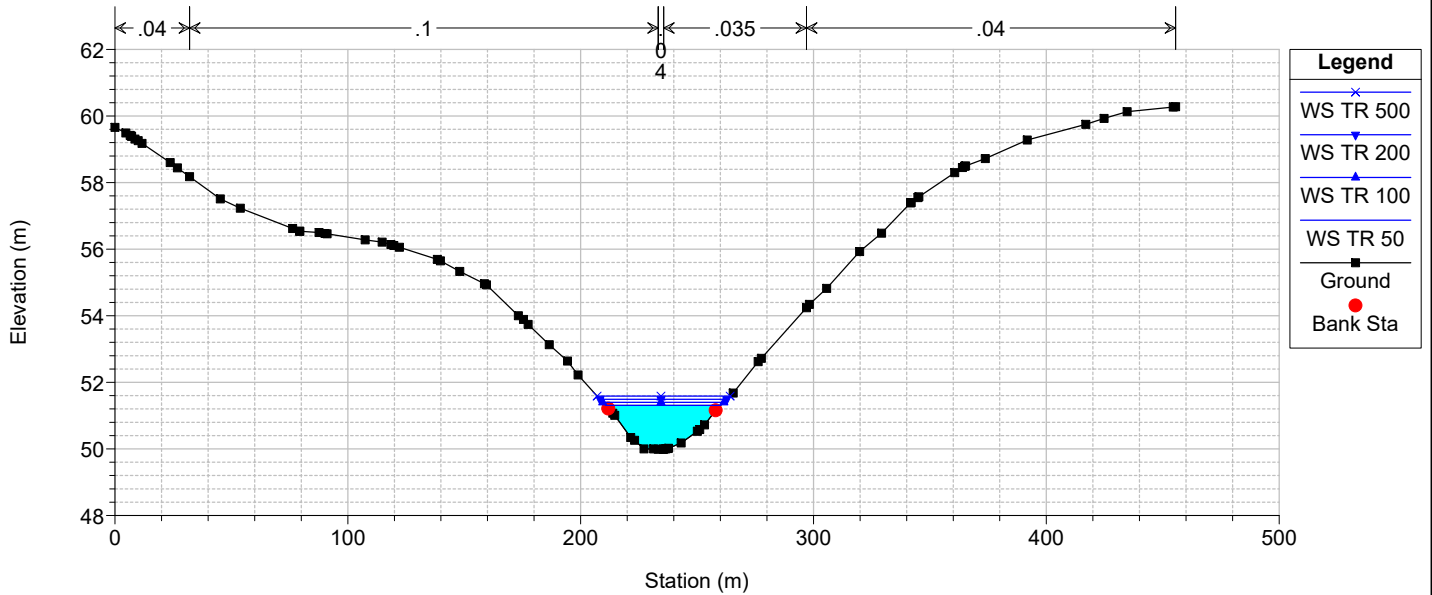
River = Trainu_Ispirida Reach = D29 RS = 1854.357 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

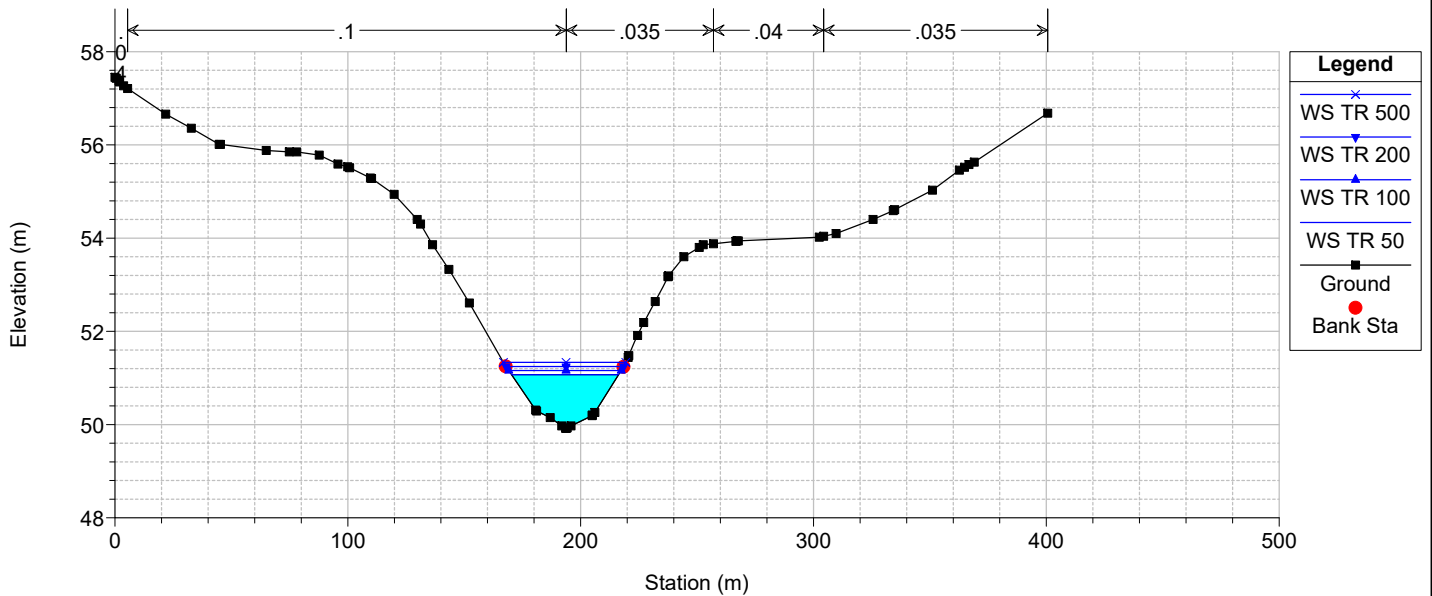
River = Trainu_Ispirida Reach = D29 RS = 1820.194 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

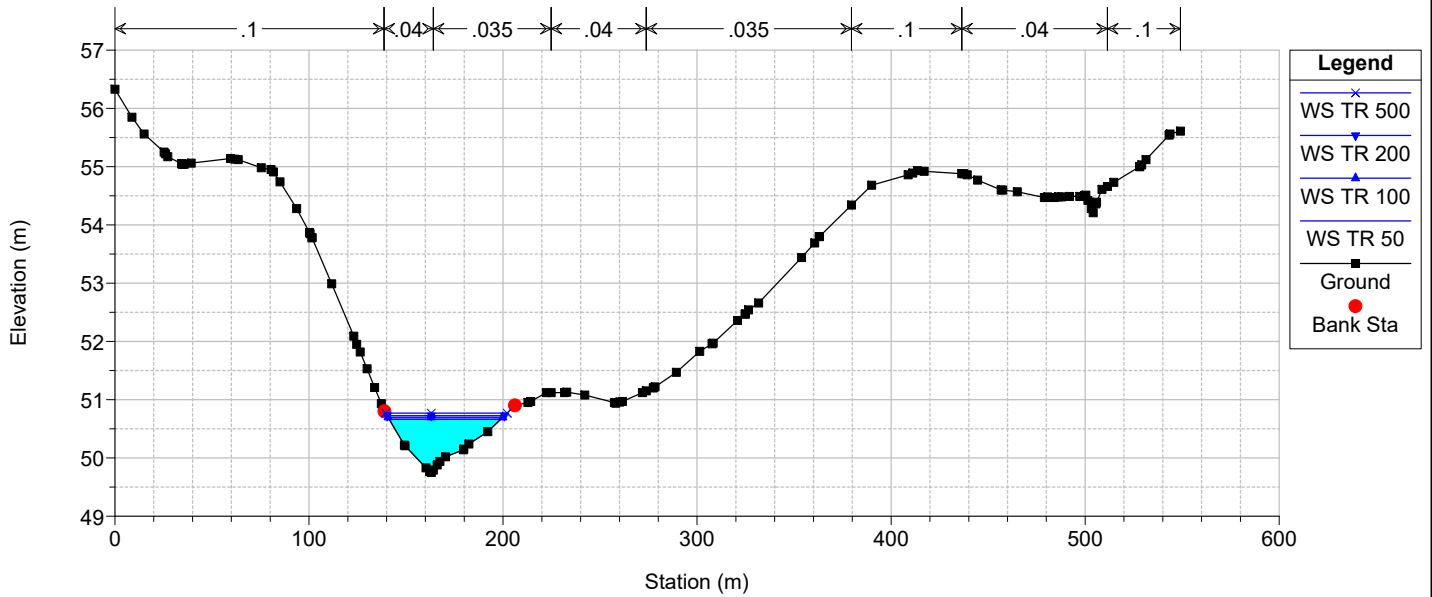
River = Trainu_Ispirida Reach = D29 RS = 1785.267 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

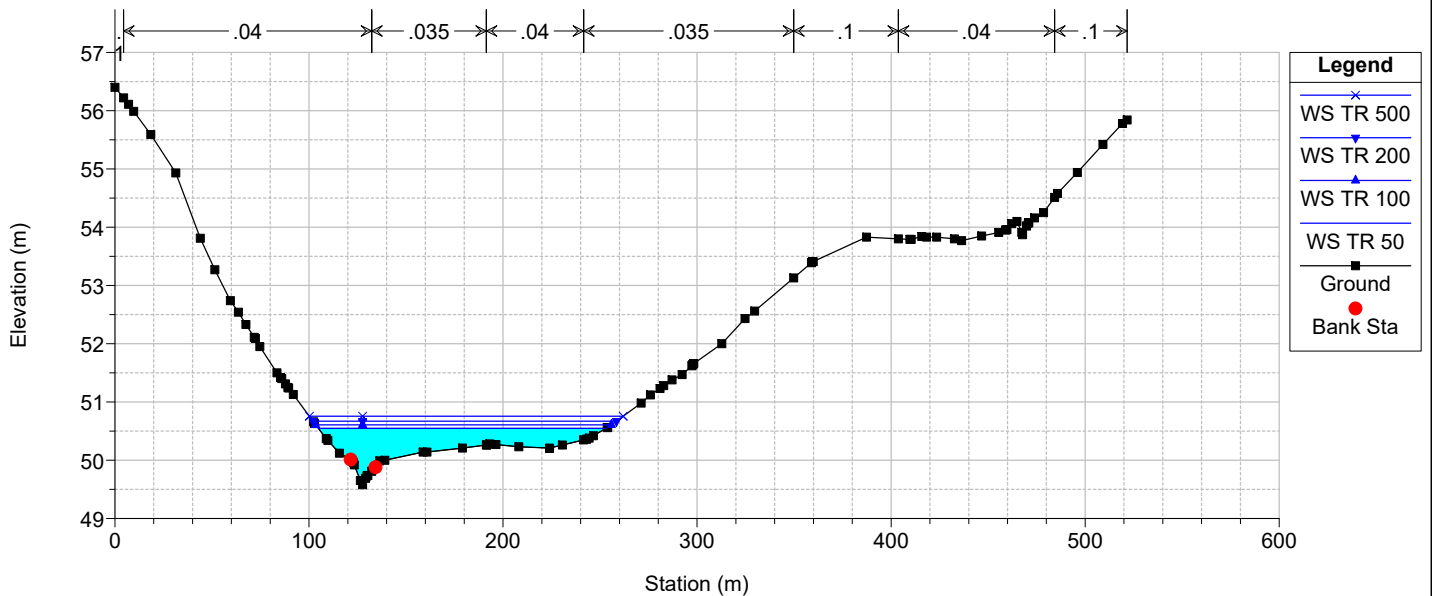
River = Trainu_Ispirida Reach = D29 RS = 1749.759 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

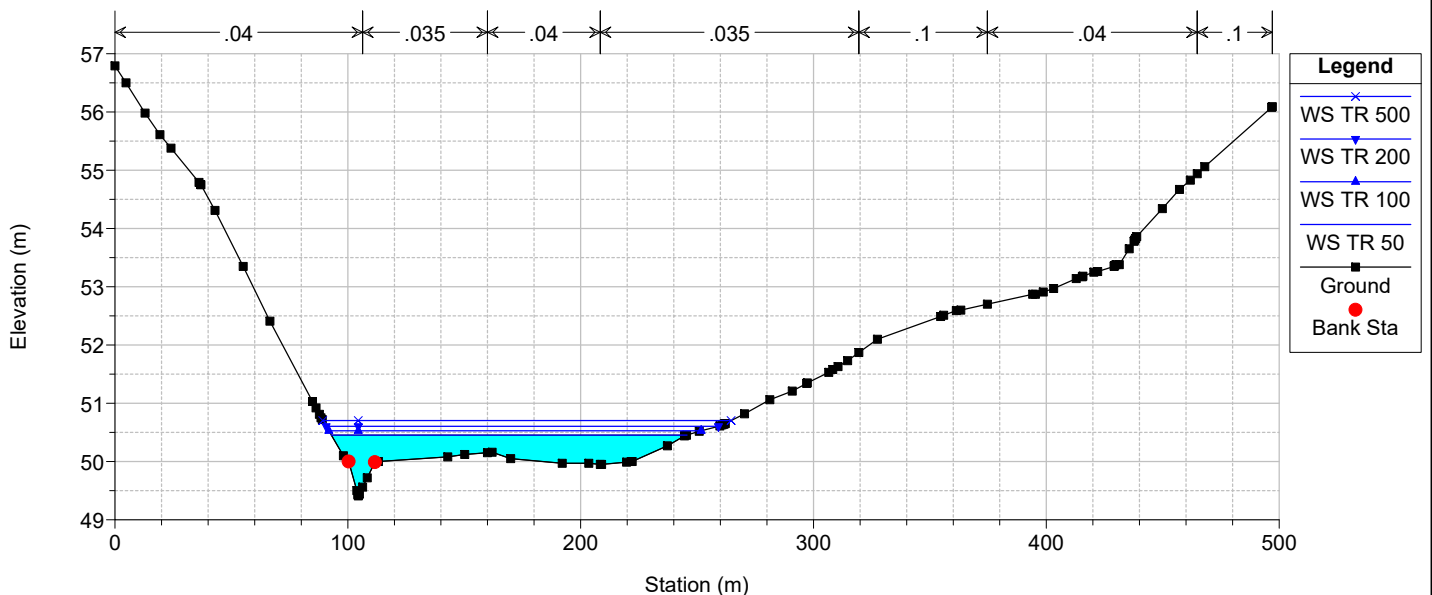
River = Trainu_Ispirida Reach = D29 RS = 1715.083 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

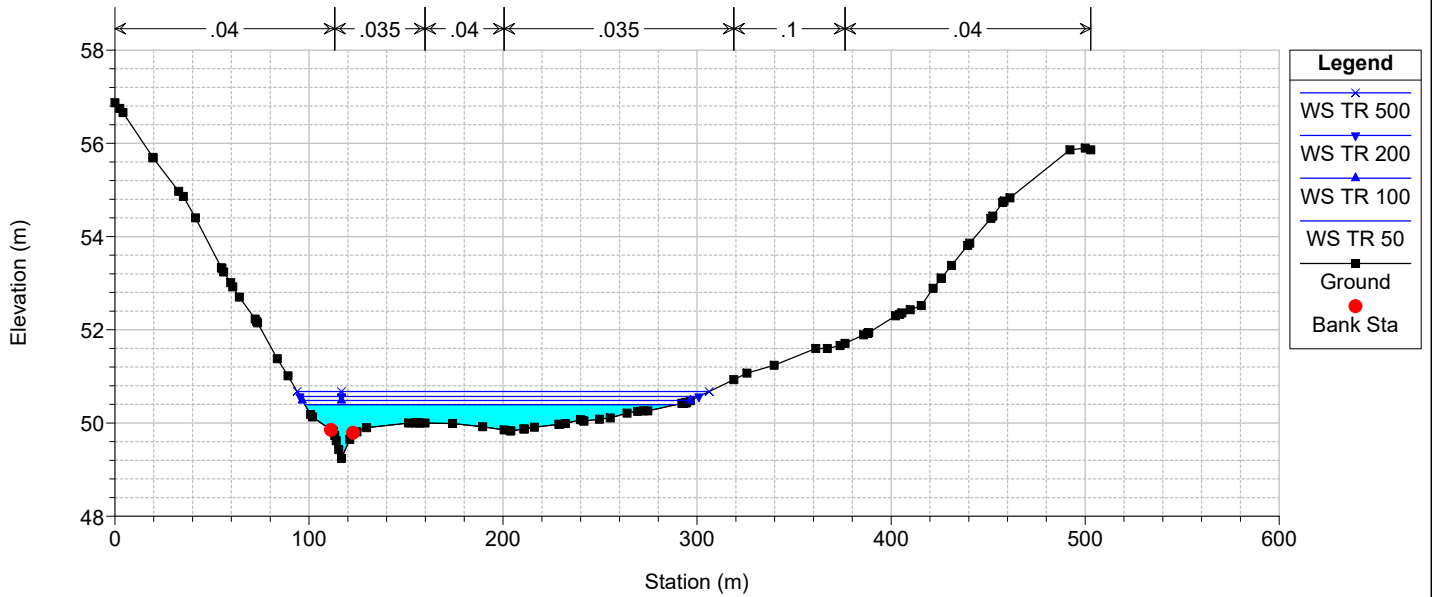
River = Trainu_Ispirida Reach = D29 RS = 1679.781 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

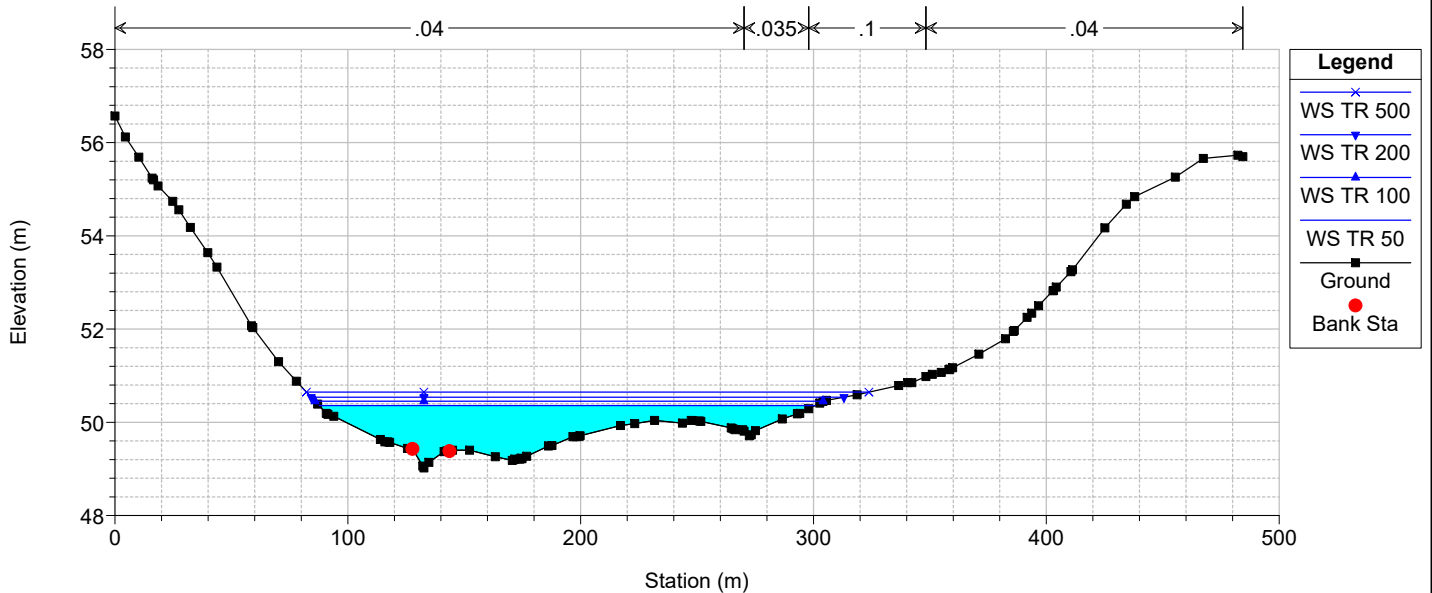
River = Trainu_Ispirida Reach = D29 RS = 1645.061 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

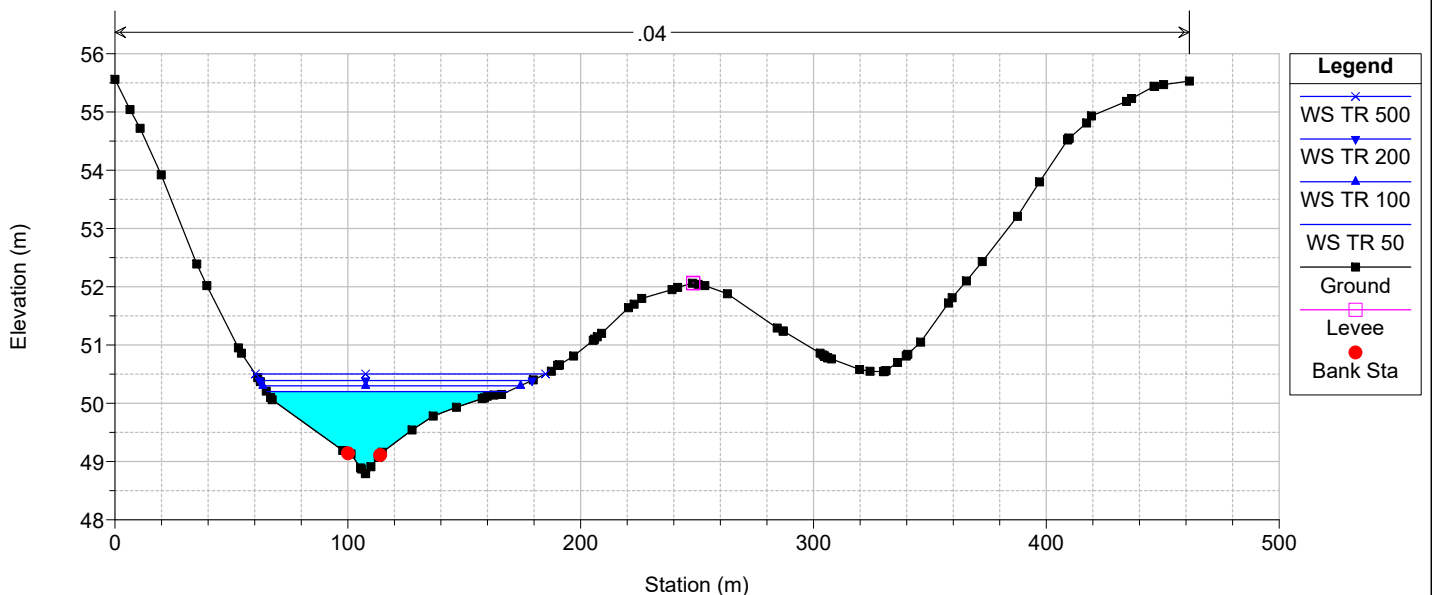
River = Trainu_Ispirida Reach = D29 RS = 1609.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

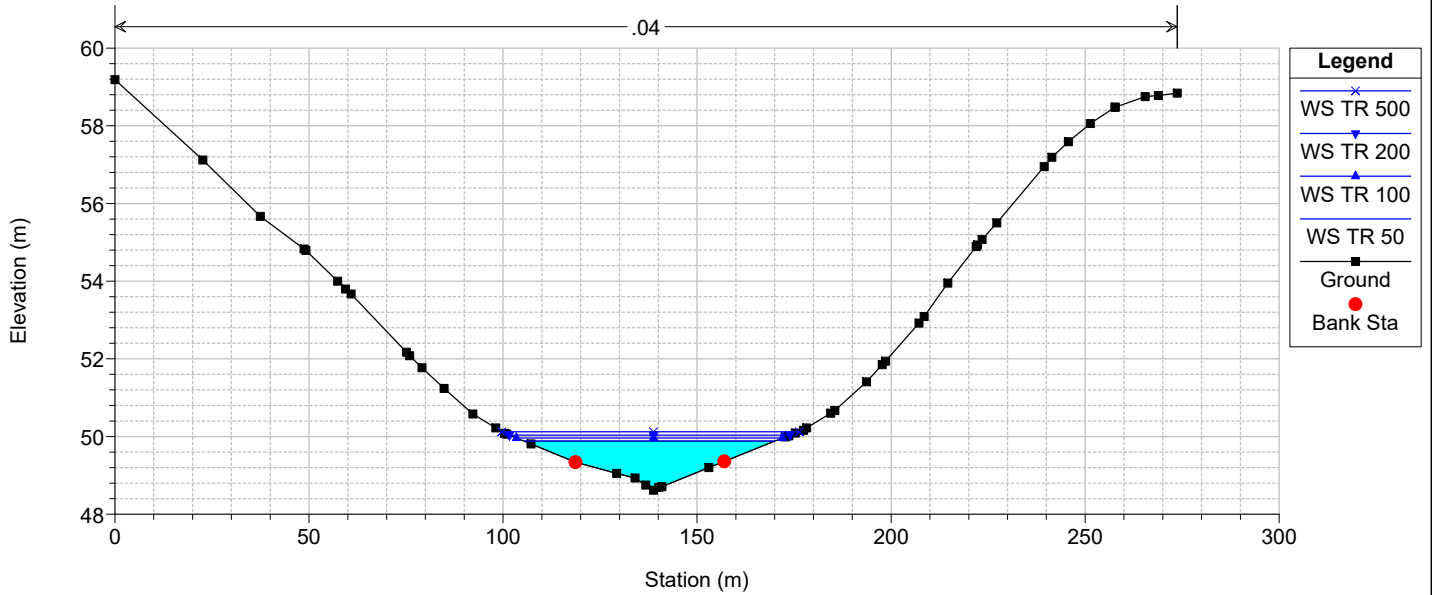
River = Trainu_Ispirida Reach = D29 RS = 1574.665 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

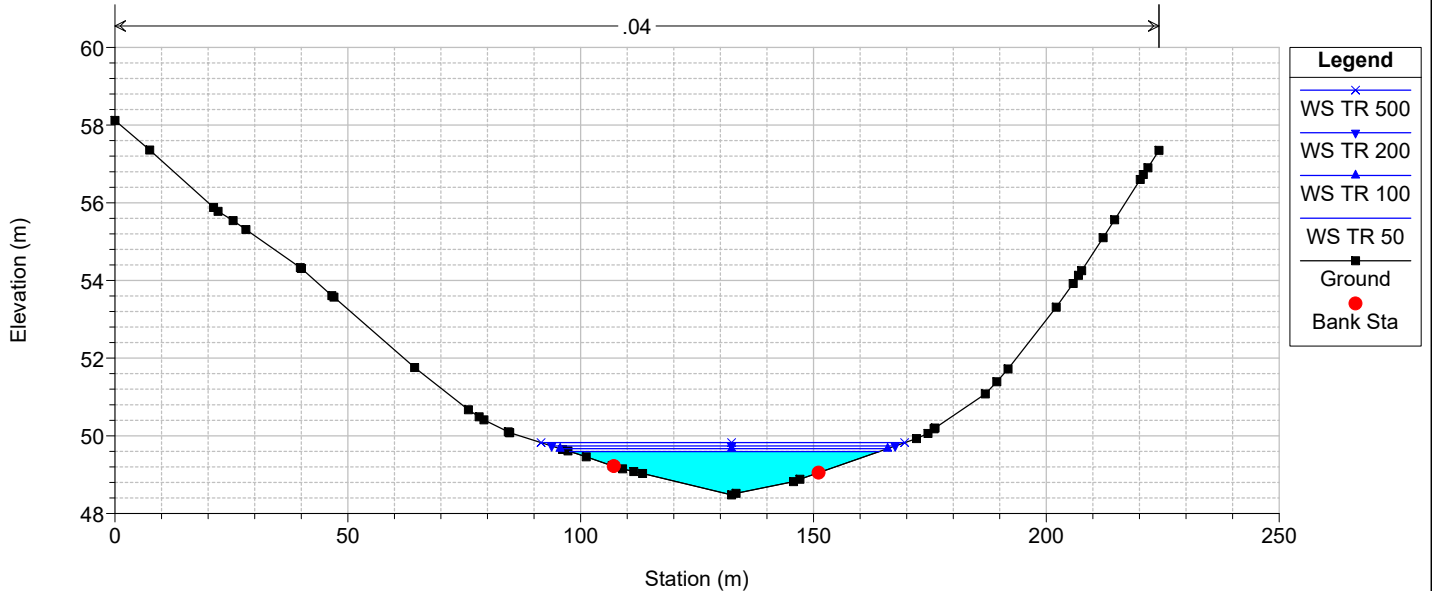
River = Trainu_Ispirida Reach = D29 RS = 1539.219 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

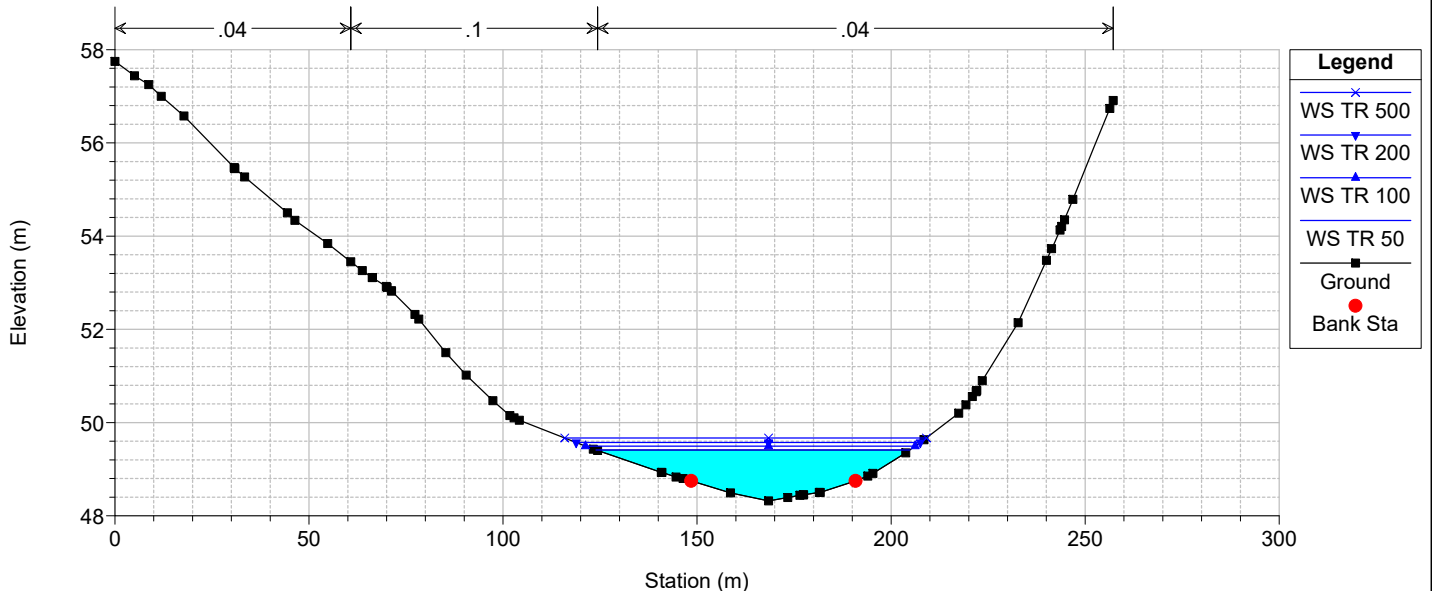
River = Trainu_Ispirida Reach = D29 RS = 1505.729 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

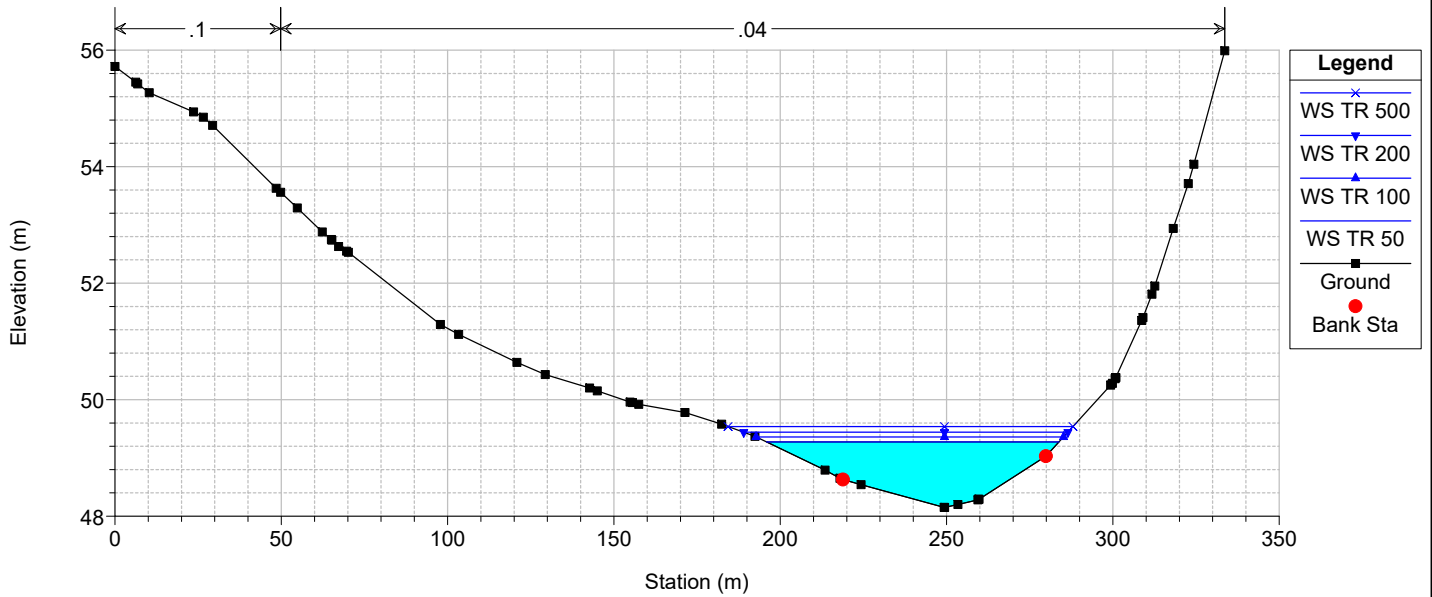
River = Trainu_Ispirida Reach = D29 RS = 1469.89 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

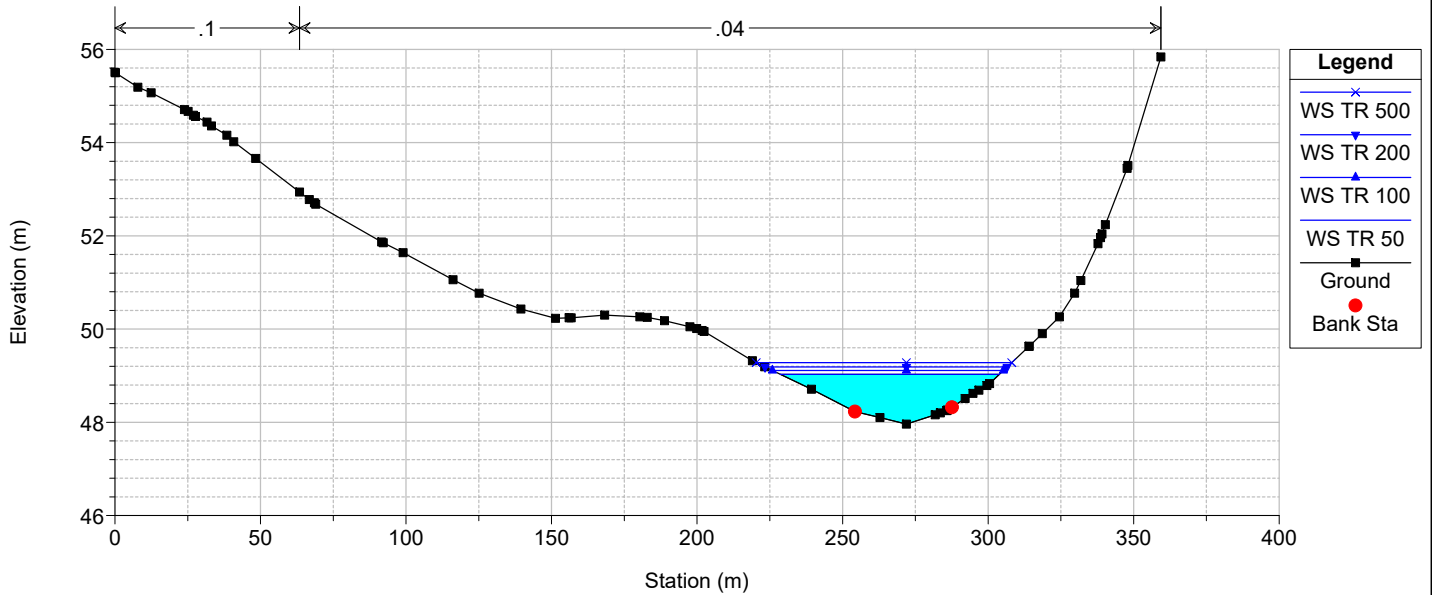
River = Trainu_Ispirida Reach = D29 RS = 1434.629 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

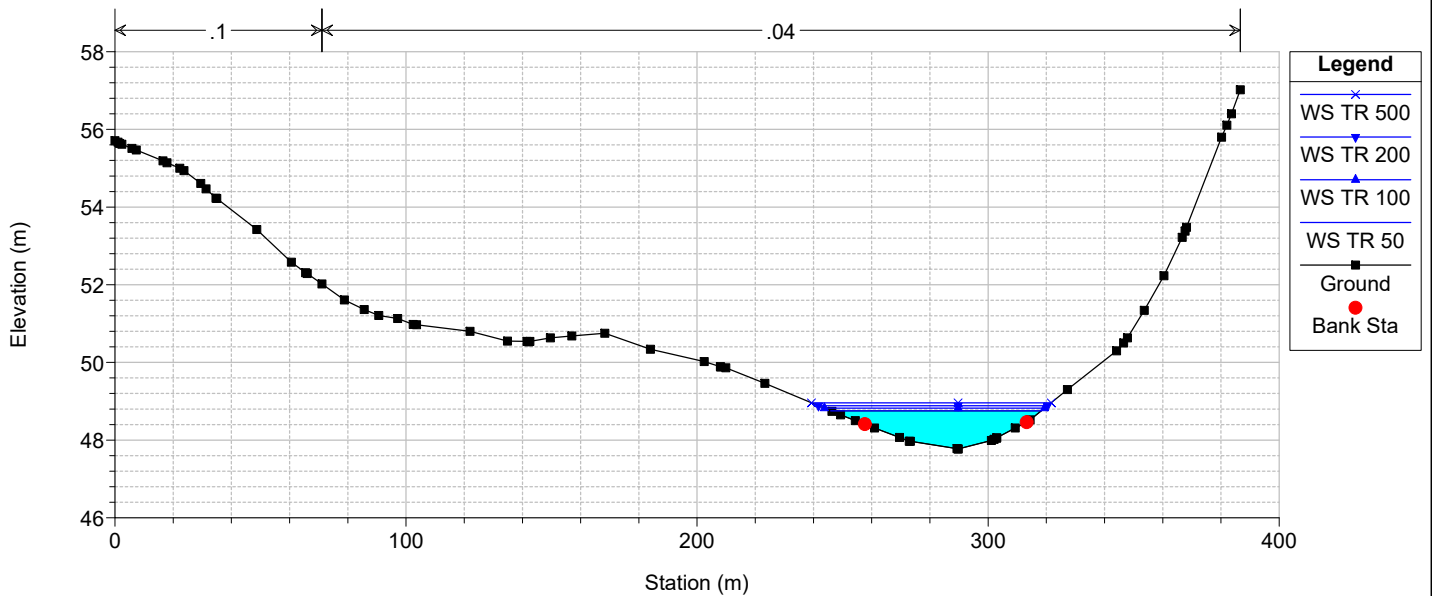
River = Trainu_Ispirida Reach = D29 RS = 1399.876 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

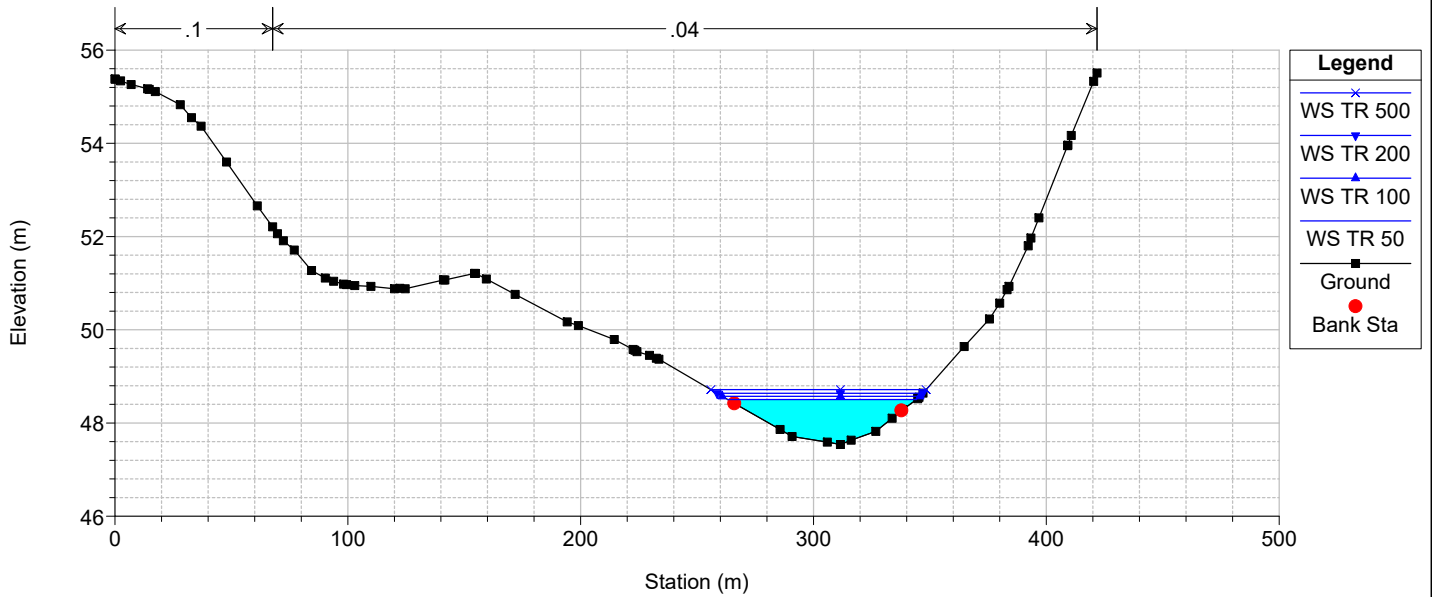
River = Trainu_Ispirida Reach = D29 RS = 1365.161 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

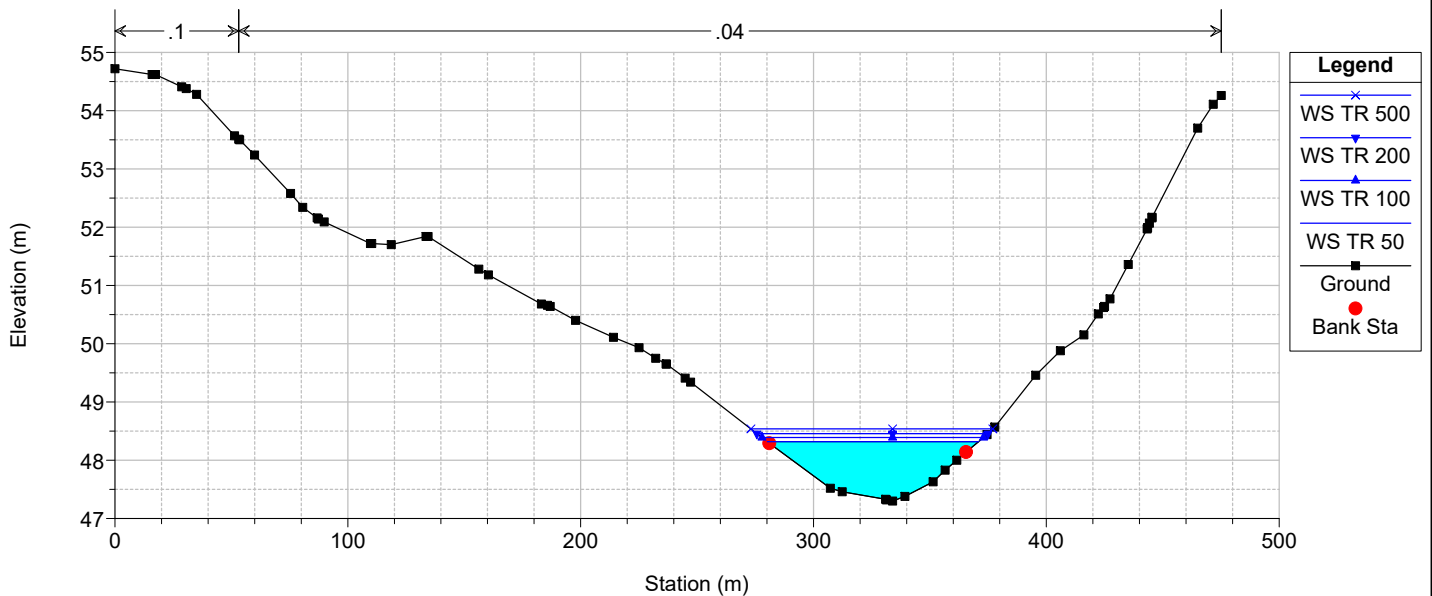
River = Trainu_Ispirida Reach = D29 RS = 1330.651 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

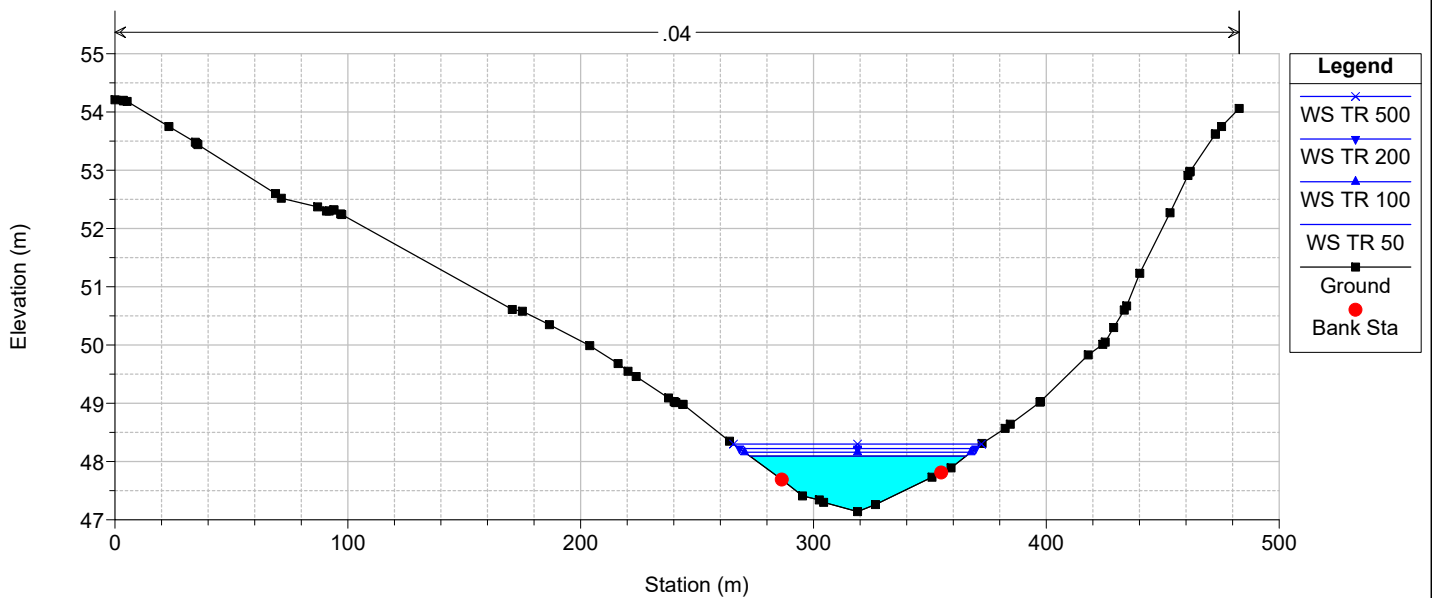
River = Trainu_Ispirida Reach = D29 RS = 1294.962 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

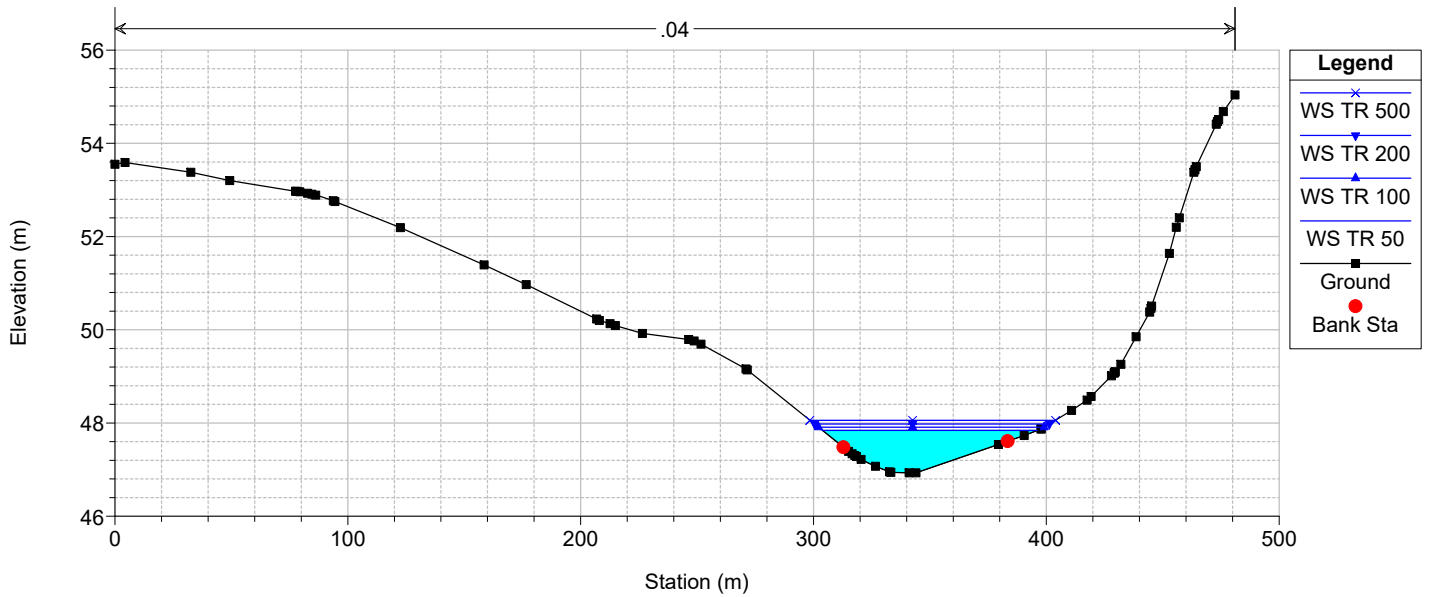
River = Trainu_Ispirida Reach = D29 RS = 1260.336 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

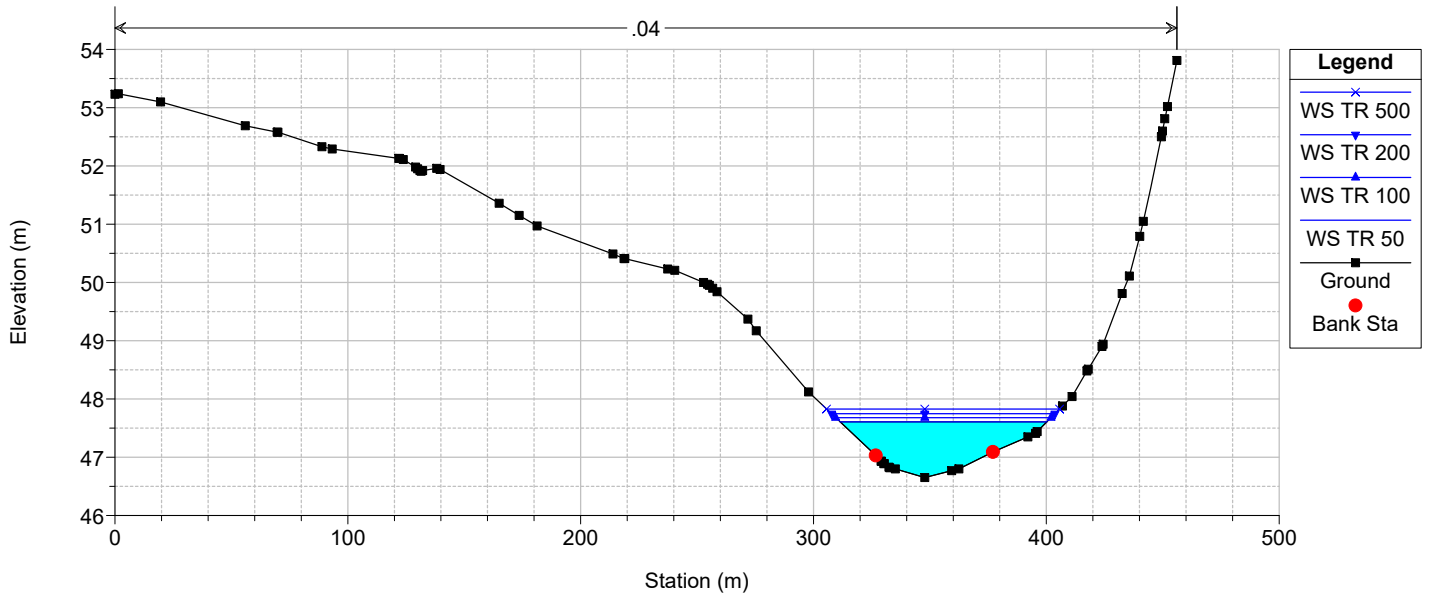
River = Trainu_Ispirida Reach = D29 RS = 1225.337 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

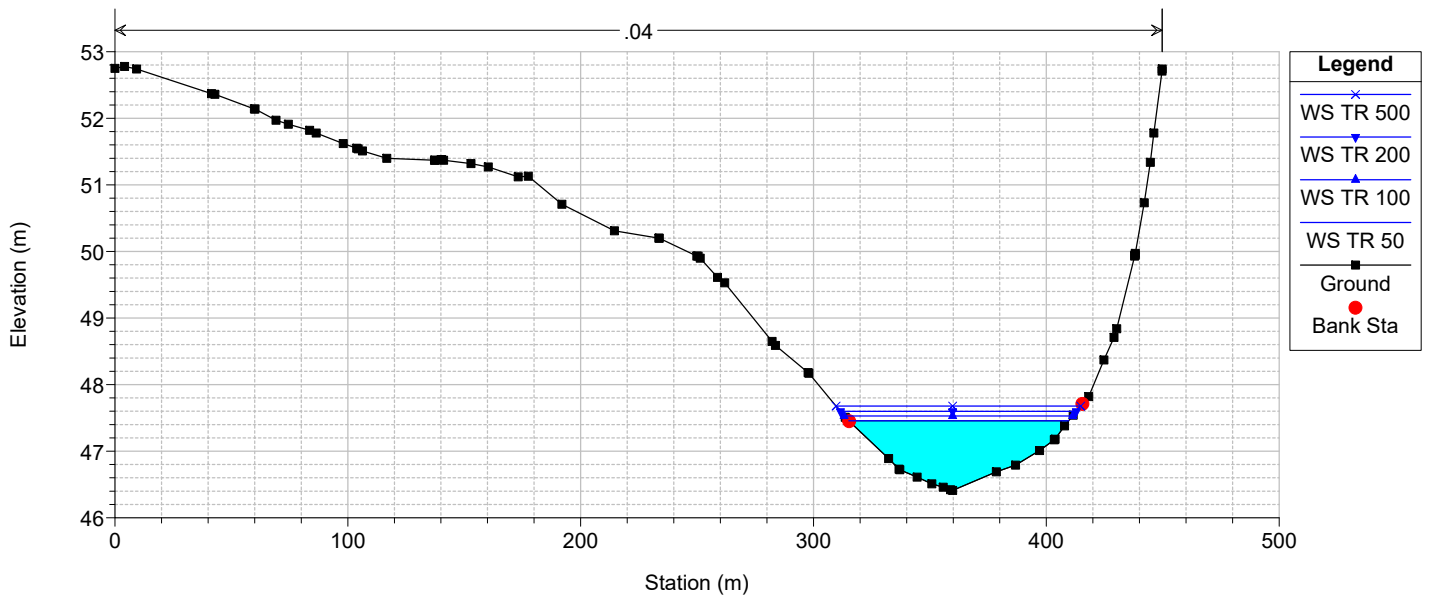
River = Trainu_Ispirida Reach = D29 RS = 1190.073 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

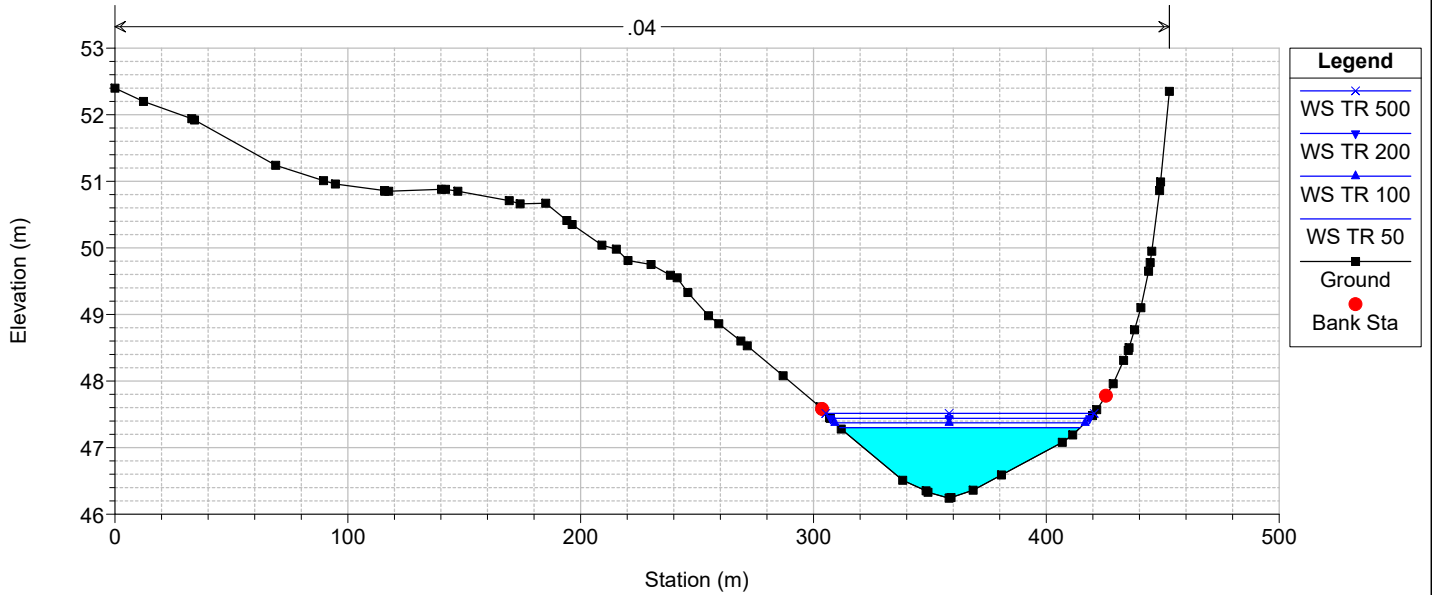
River = Trainu_Ispirida Reach = D29 RS = 1154.99 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

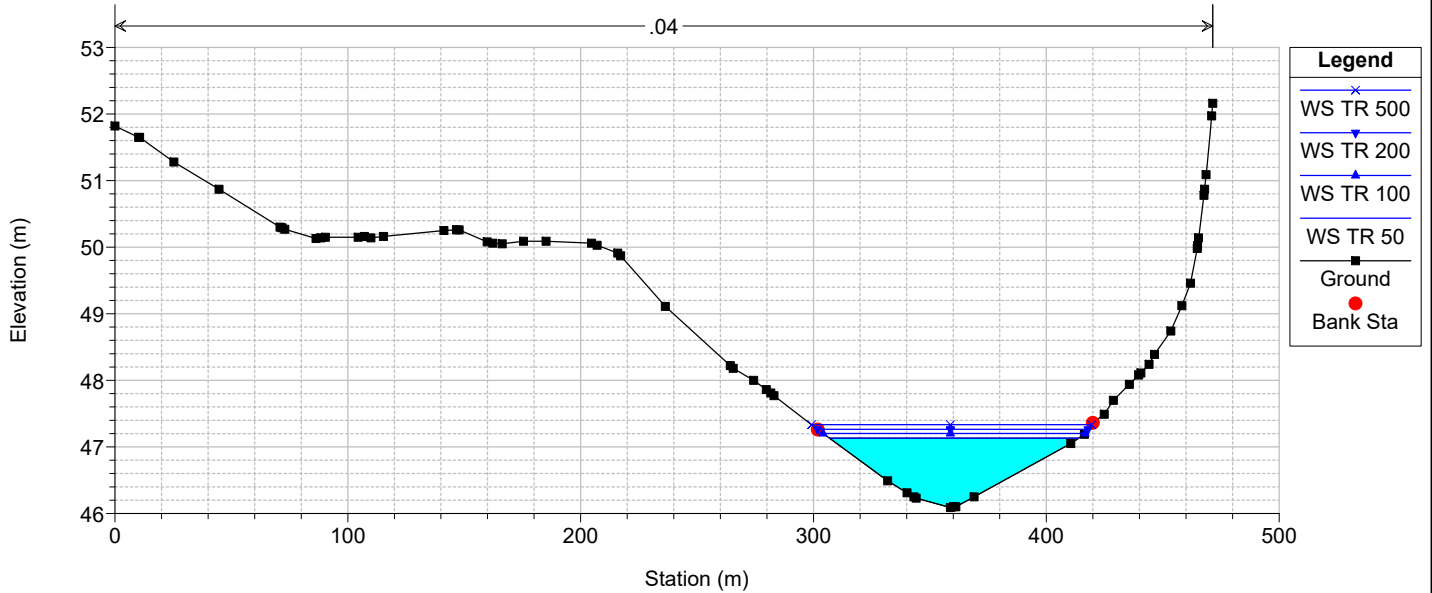
River = Trainu_Ispirida Reach = D29 RS = 1119.726 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

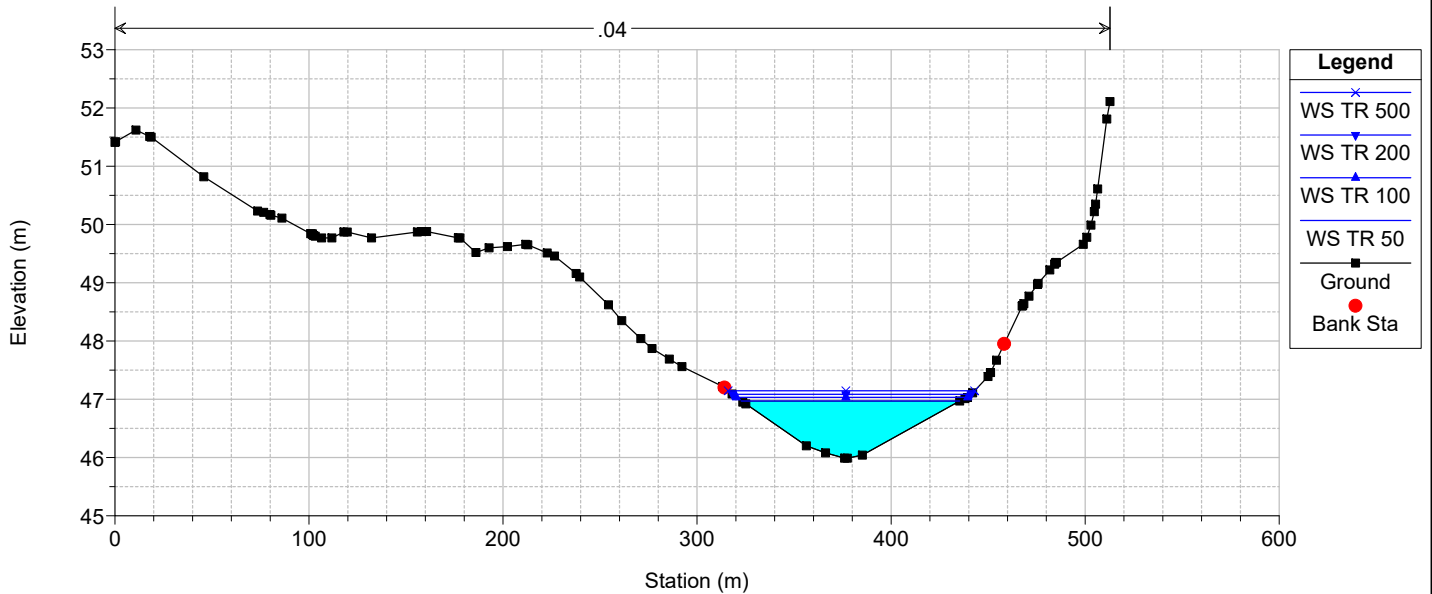
River = Trainu_Ispirida Reach = D29 RS = 1085.009 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



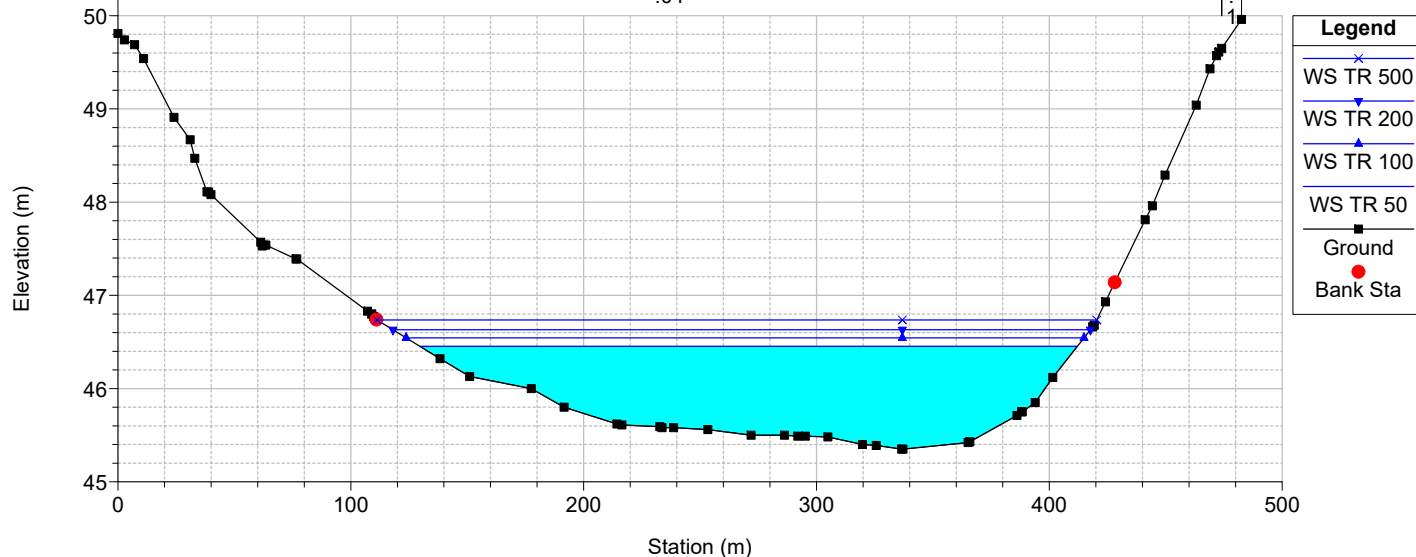
Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

River = Trainu_Ispirida Reach = D29 RS = 1052.927 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



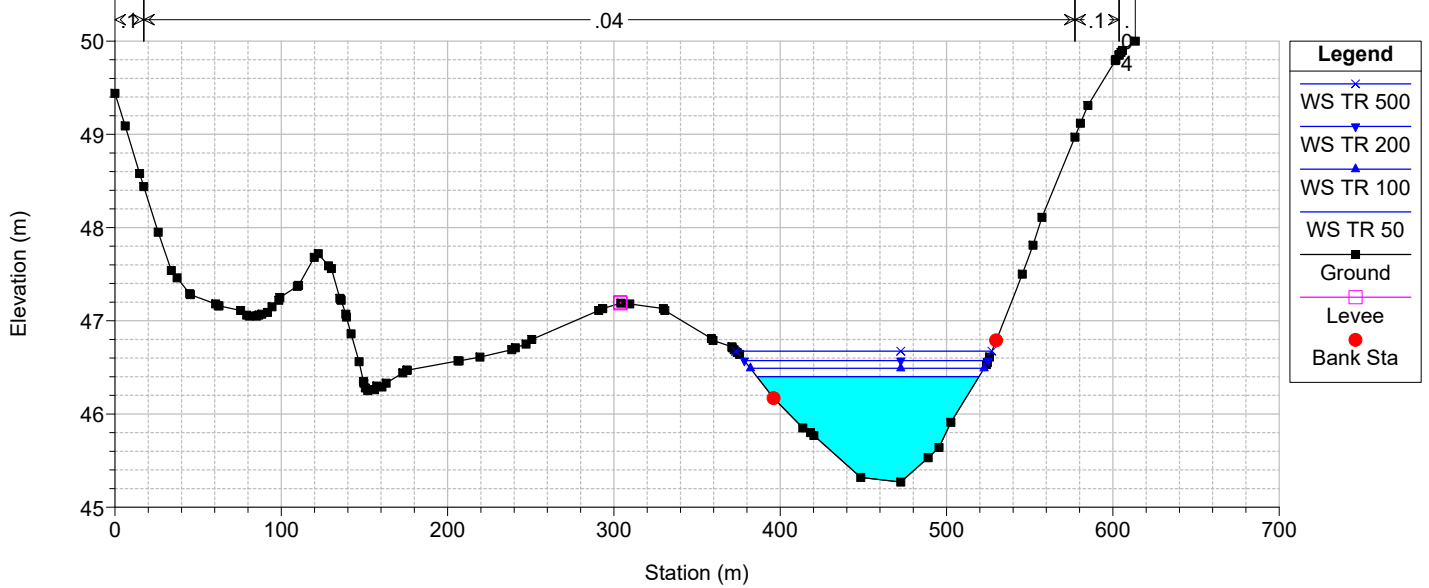
-.04



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

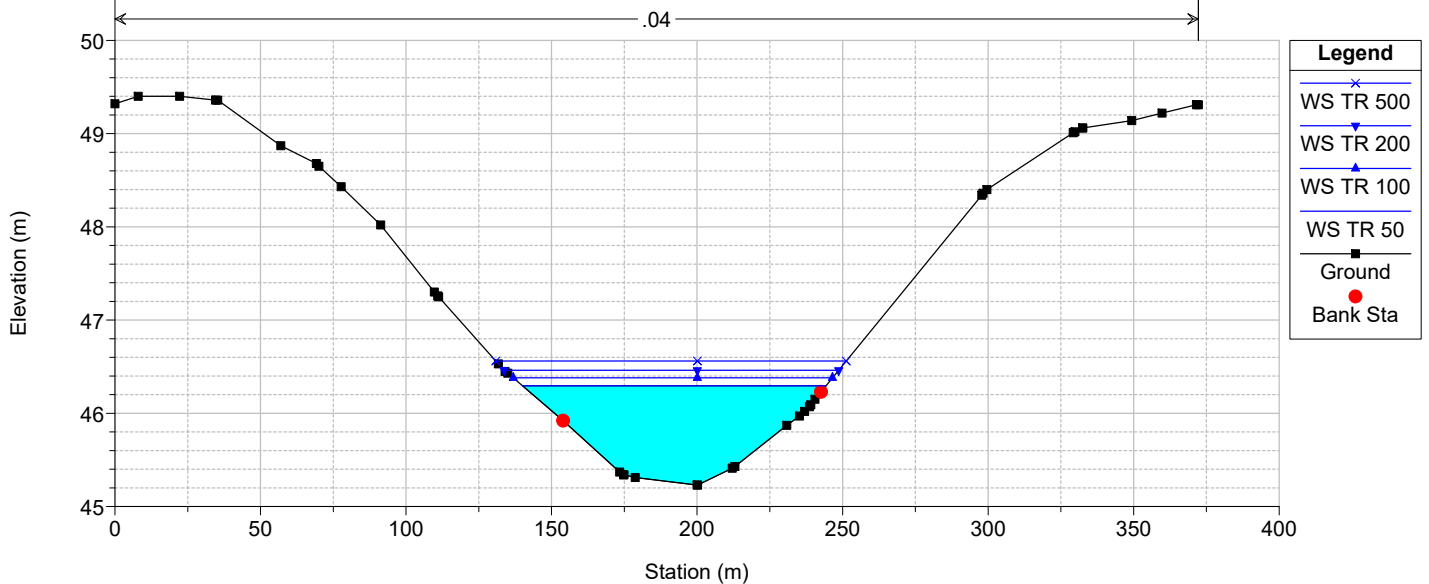
River = Trainu_Ispirida Reach = D29 RS = 909.8828 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

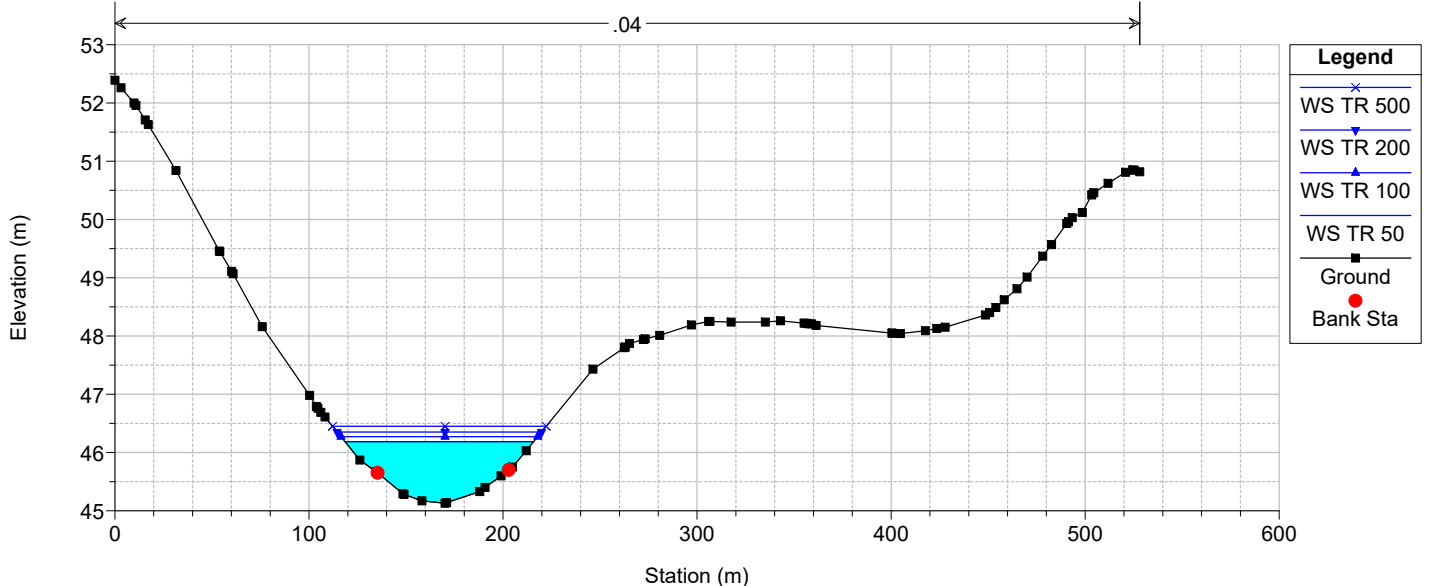
River = Trainu_Ispirida Reach = D29 RS = 874.459 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

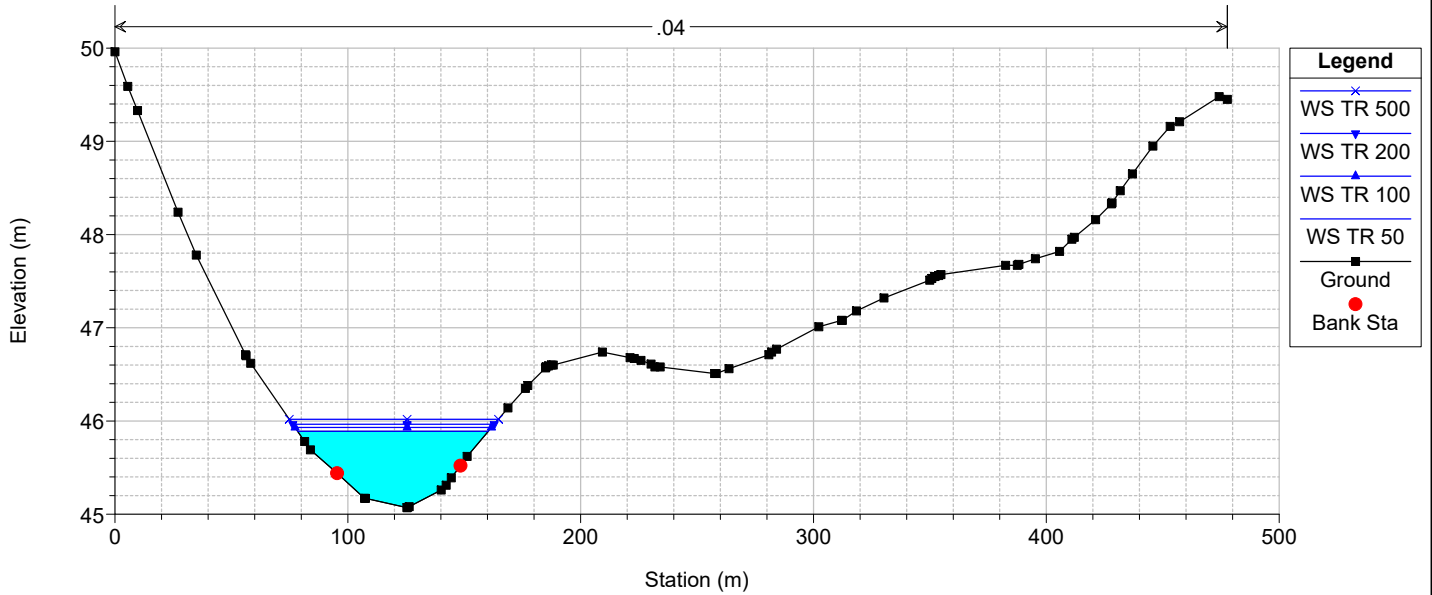
River = Trainu_Ispirida Reach = D29 RS = 840.6713 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

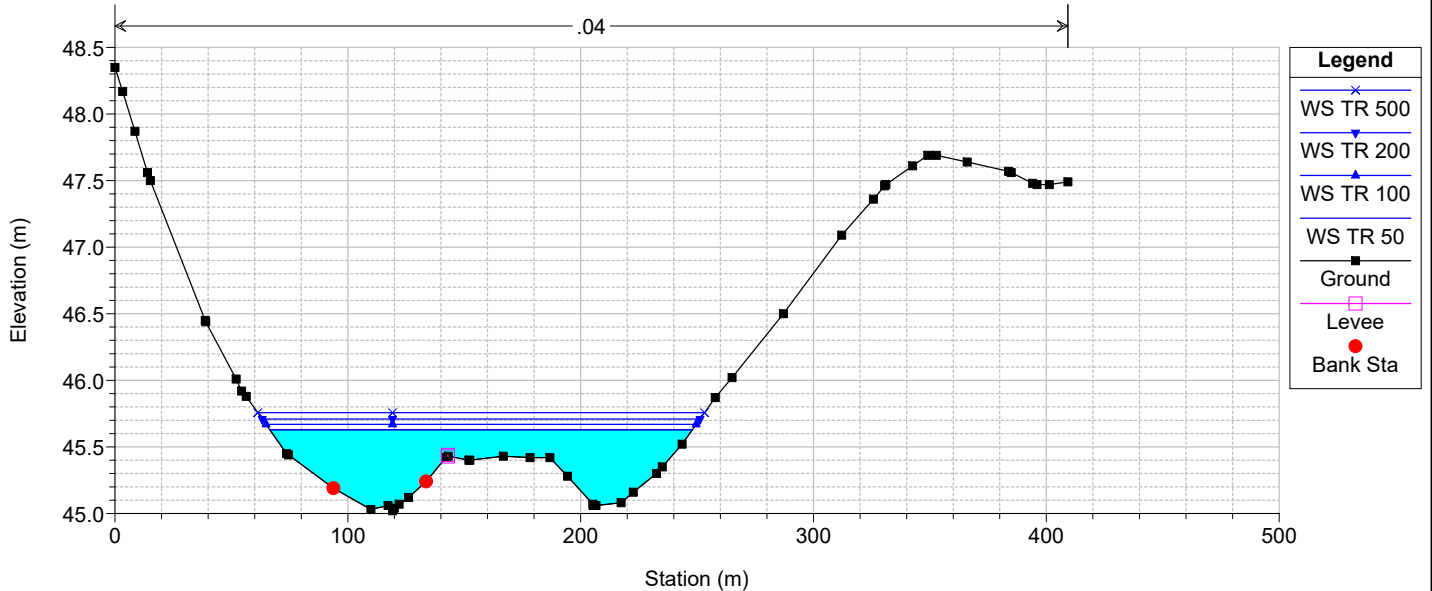
River = Trainu_Ispirida Reach = D29 RS = 805.2509 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

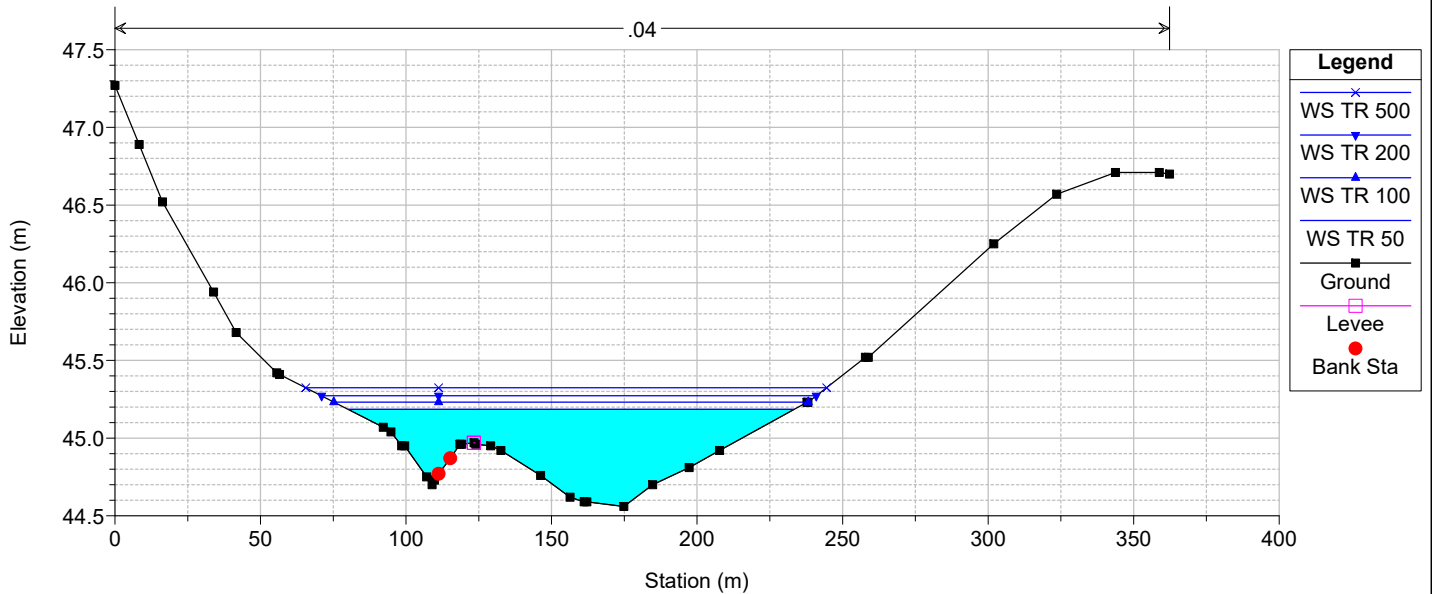
River = Trainu_Ispirida Reach = D29 RS = 770.5971 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

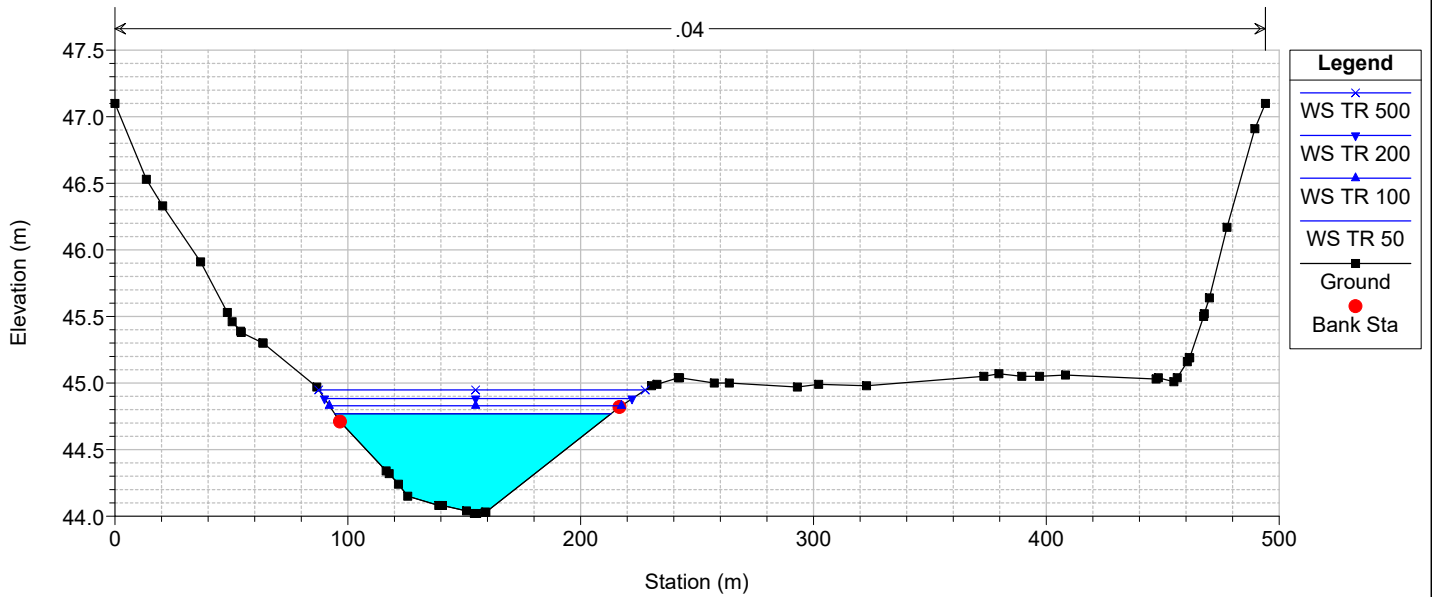
River = Trainu_Ispirida Reach = D29 RS = 735.4616 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

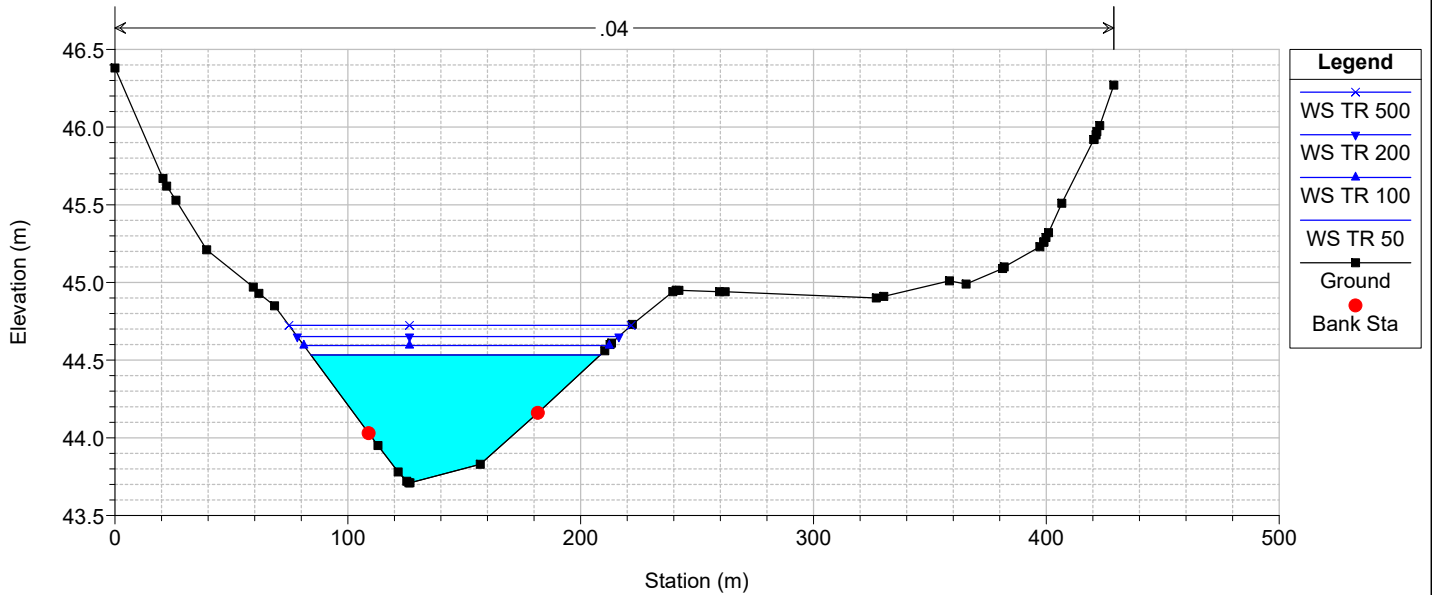
River = Trainu_Ispirida Reach = D29 RS = 699.9912 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

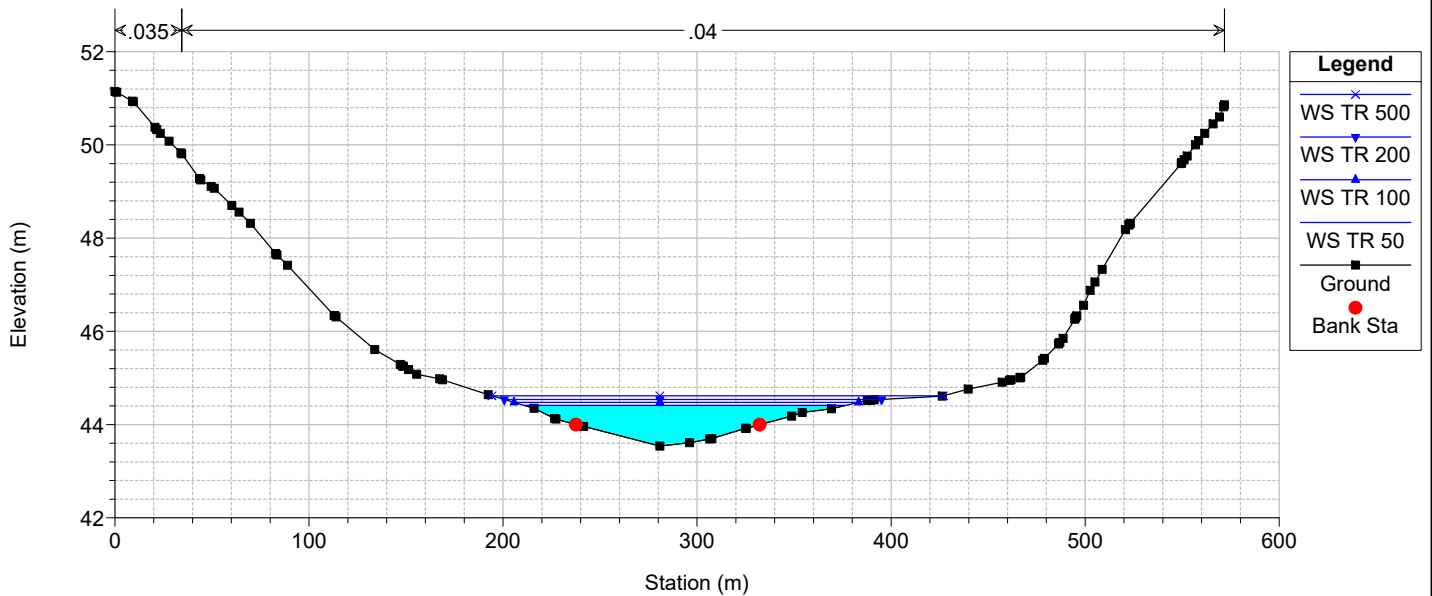
River = Trainu_Ispirida Reach = D29 RS = 665.4641 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

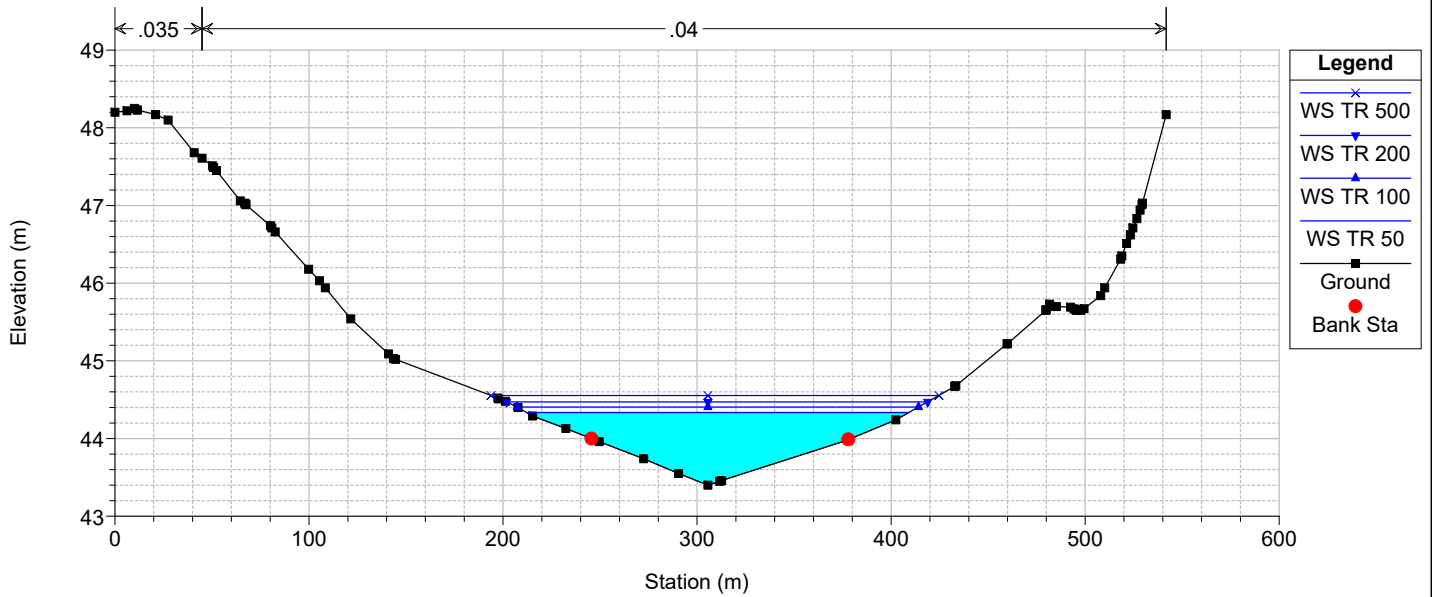
River = Trainu_Ispirida Reach = D29 RS = 630.2587 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

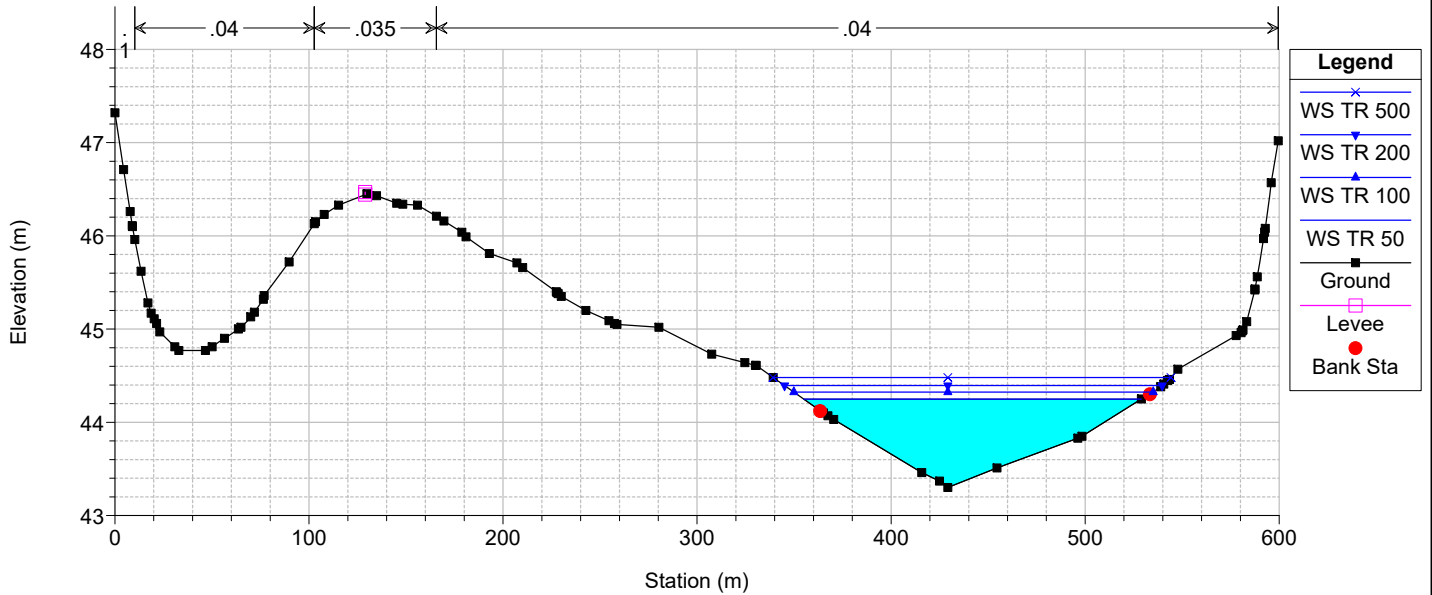
River = Trainu_Ispirida Reach = D29 RS = 595.5638 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

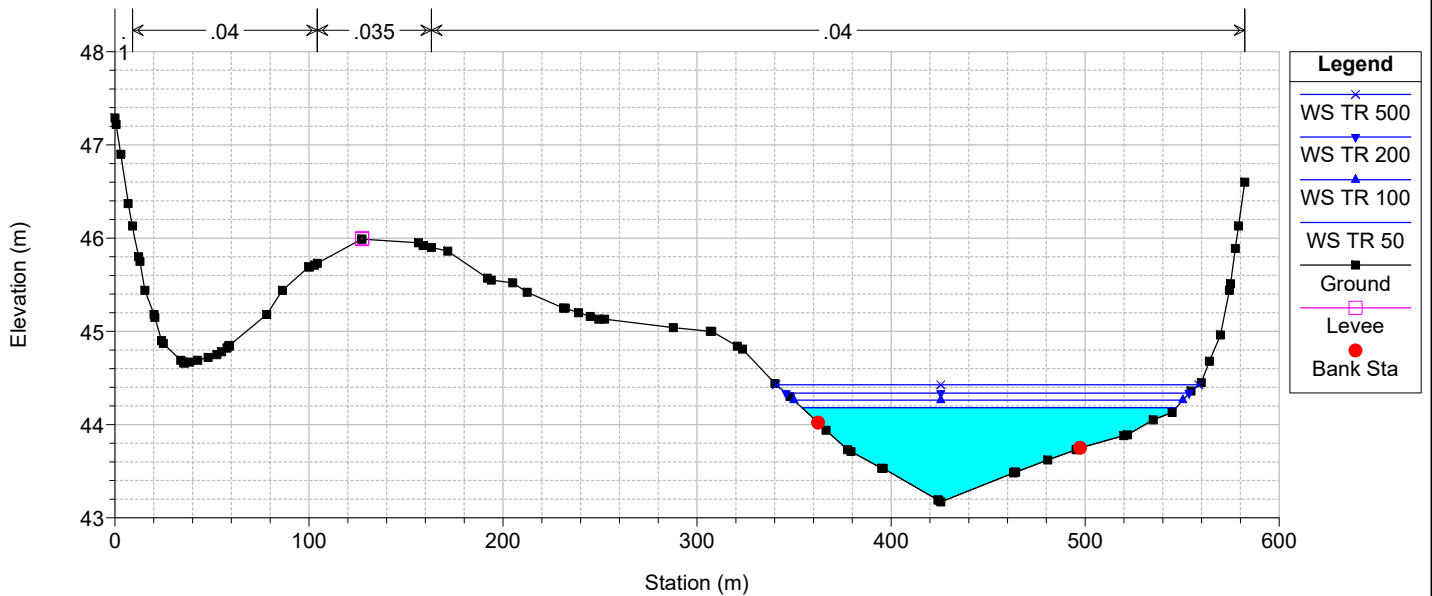
River = Trainu_Ispirida Reach = D29 RS = 560.2682 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

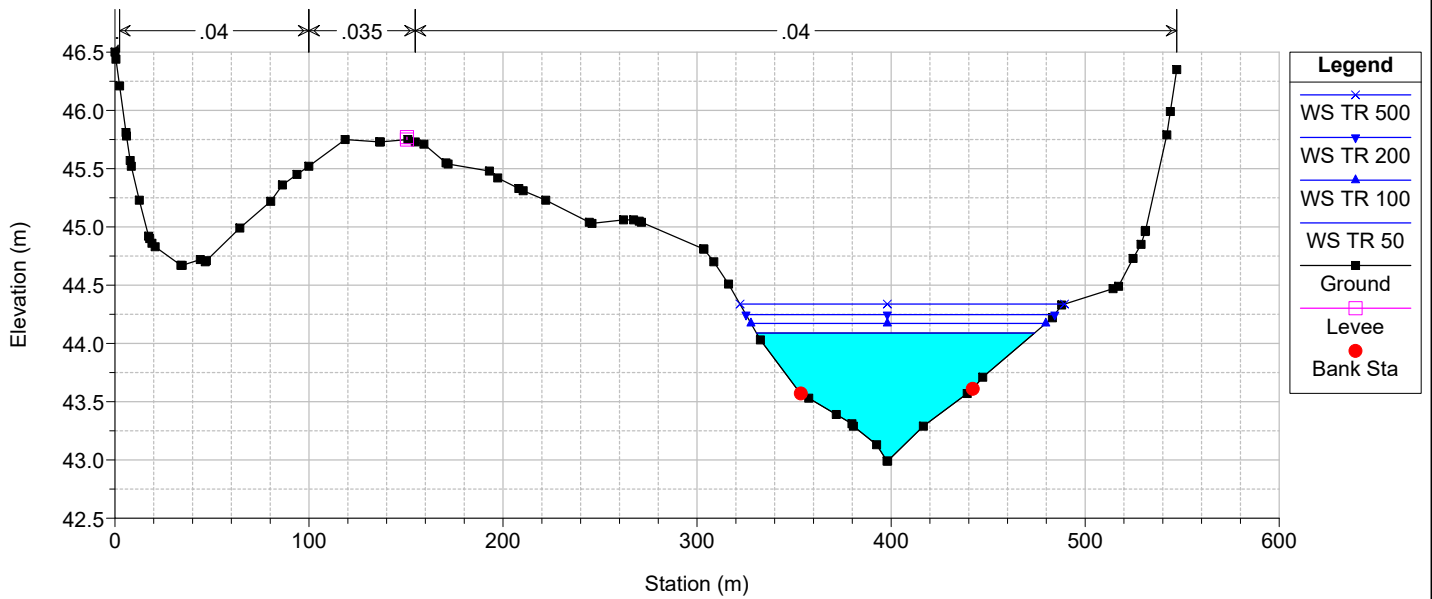
River = Trainu_Ispirida Reach = D29 RS = 525.1718 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

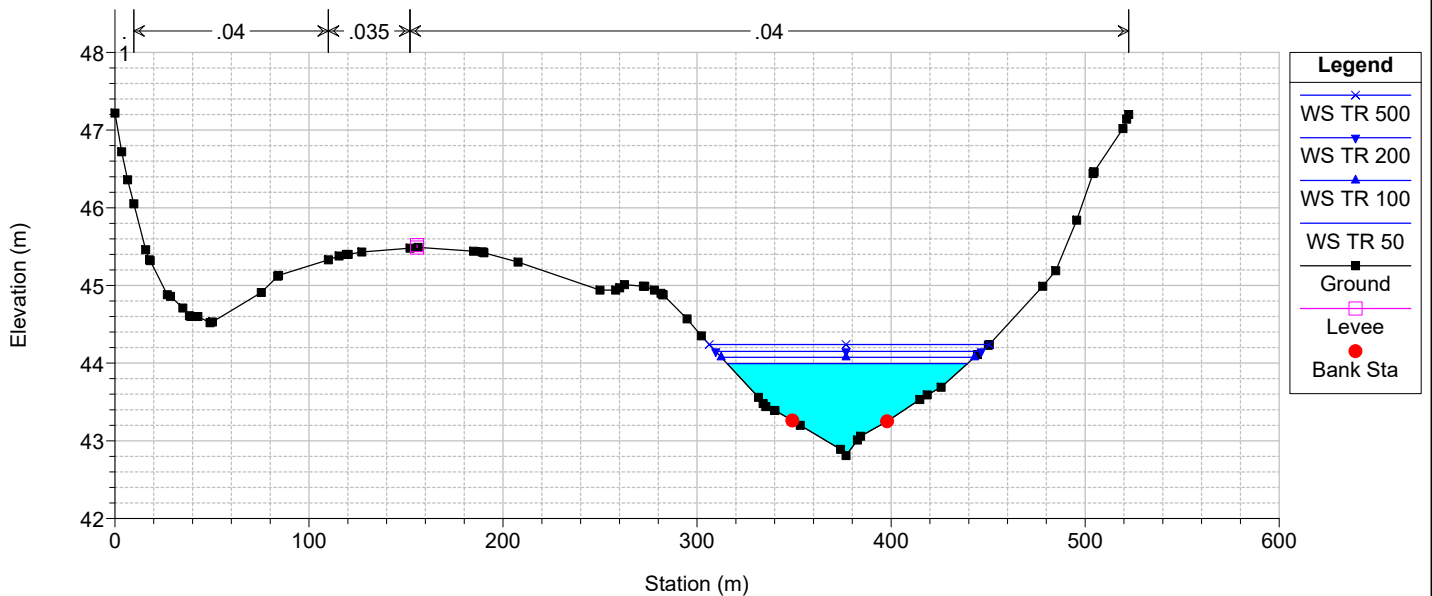
River = Trainu_Ispirida Reach = D29 RS = 489.9515 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

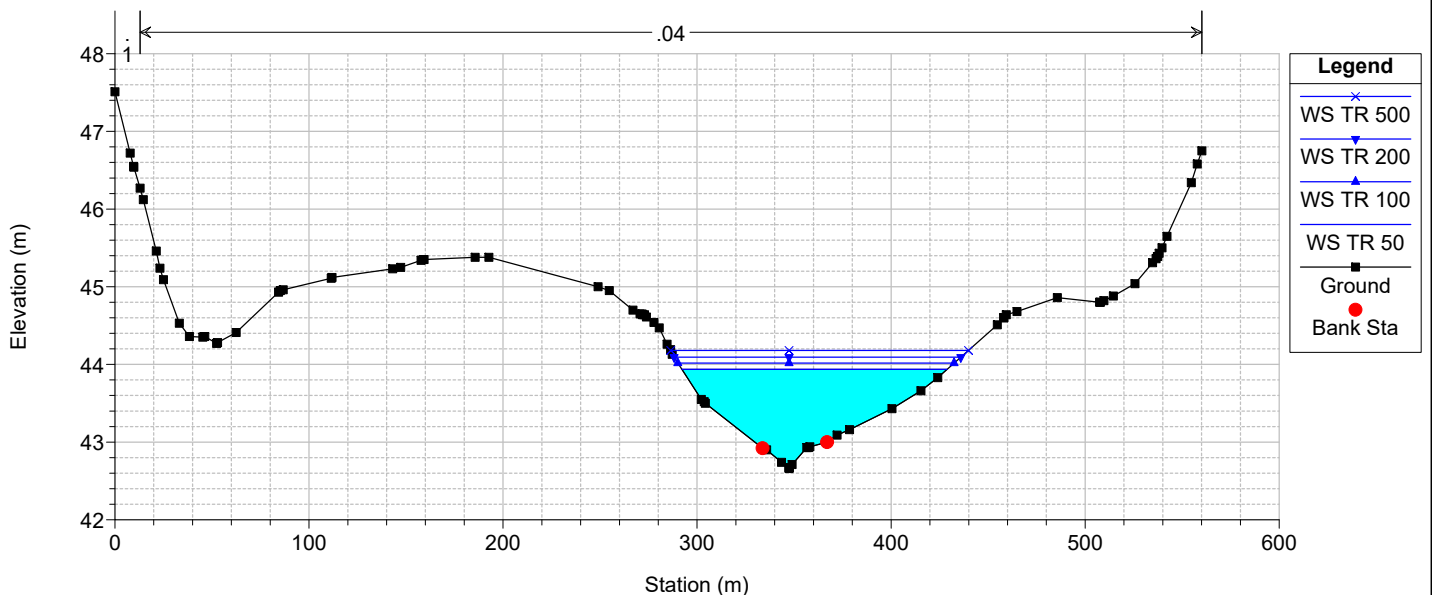
River = Trainu_Ispirida Reach = D29 RS = 455.7256 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

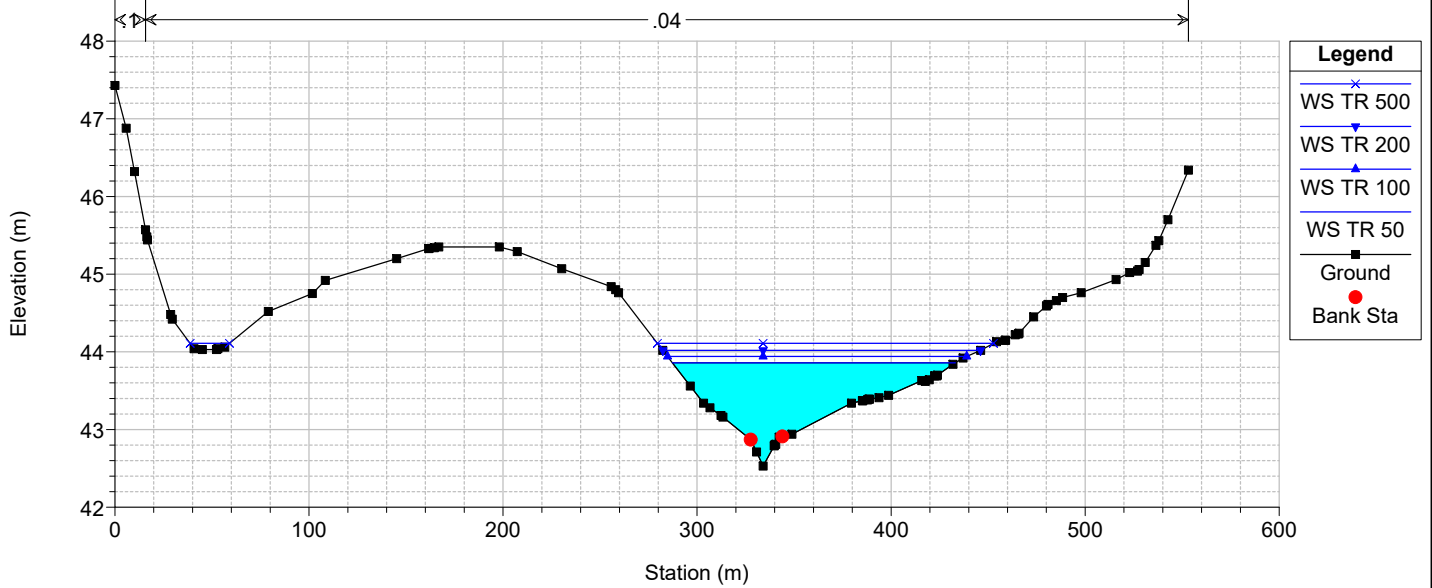
River = Trainu_Ispirida Reach = D29 RS = 420.2184 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

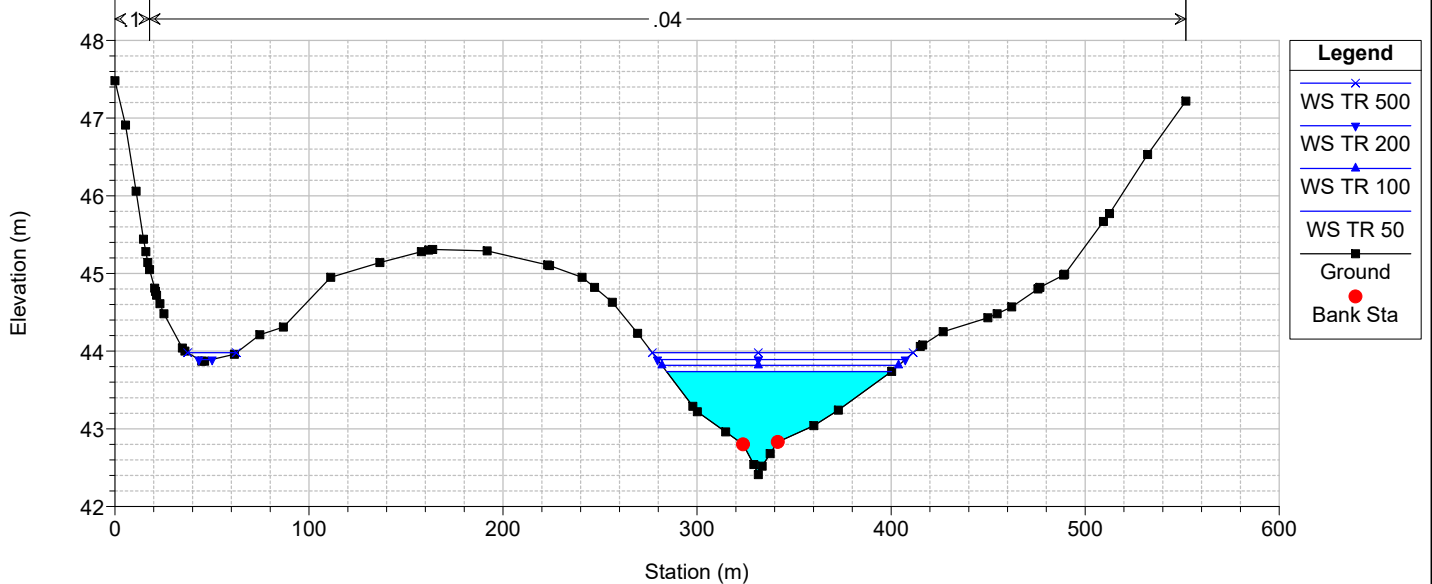
River = Trainu_Ispirida Reach = D29 RS = 386.0037 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

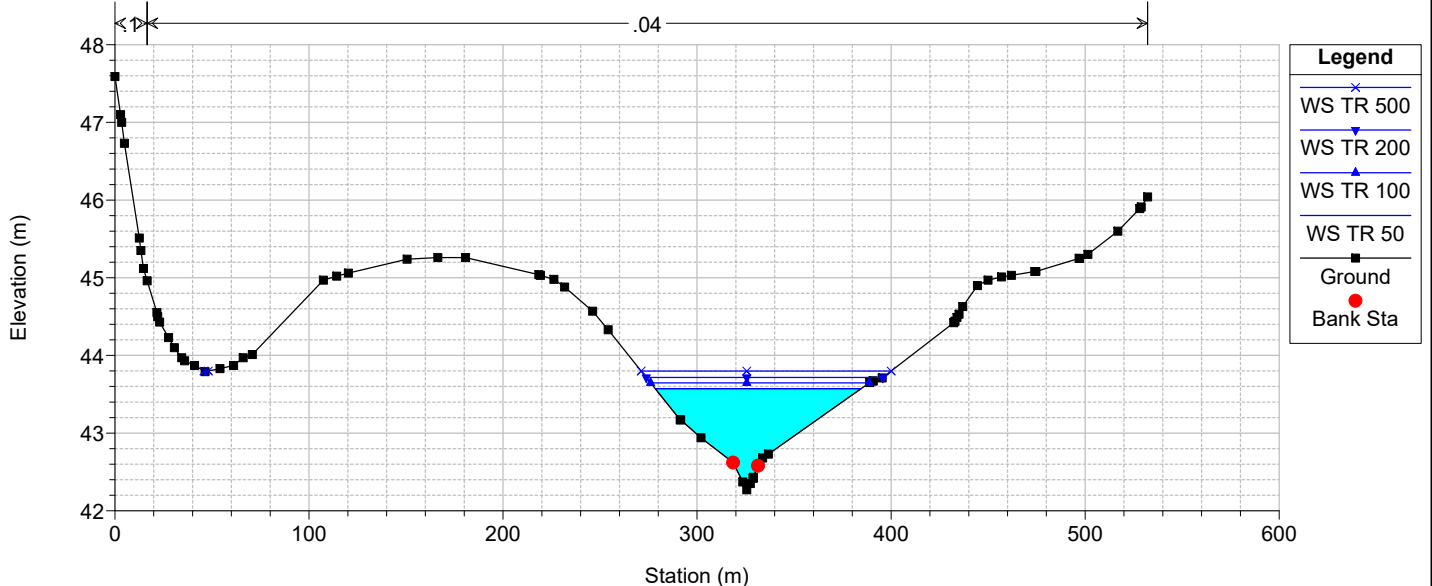
River = Trainu_Ispirida Reach = D29 RS = 350.2639 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

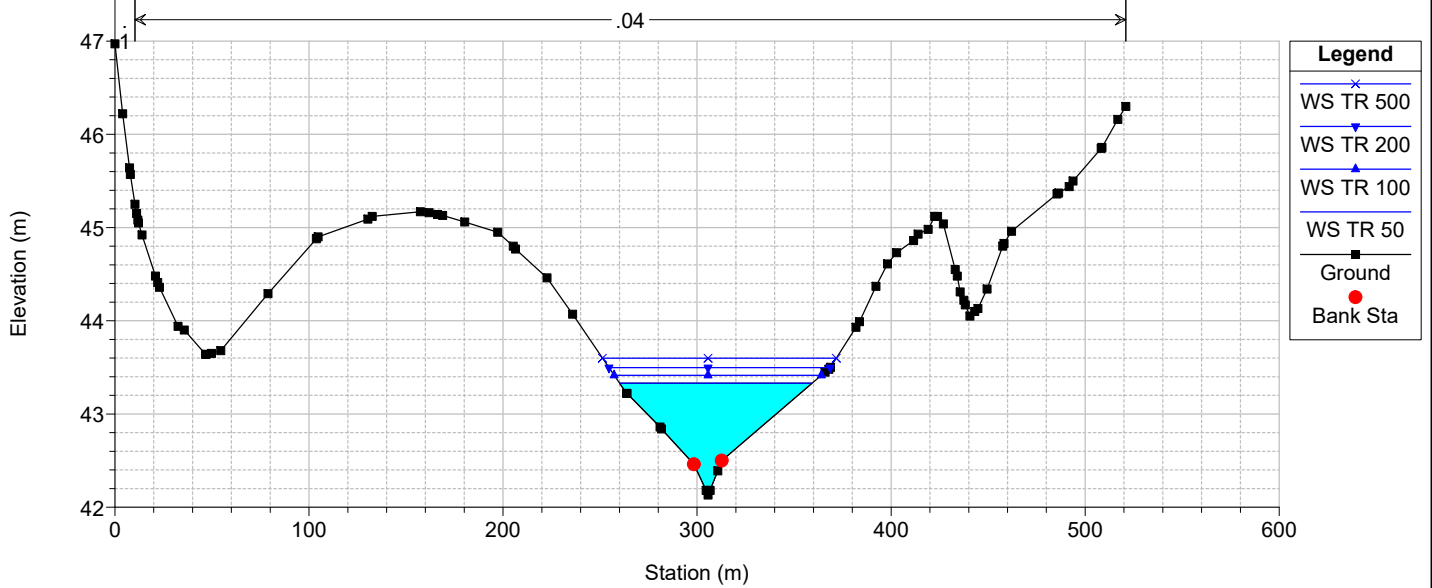
River = Trainu_Ispirida Reach = D29 RS = 314.2183 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

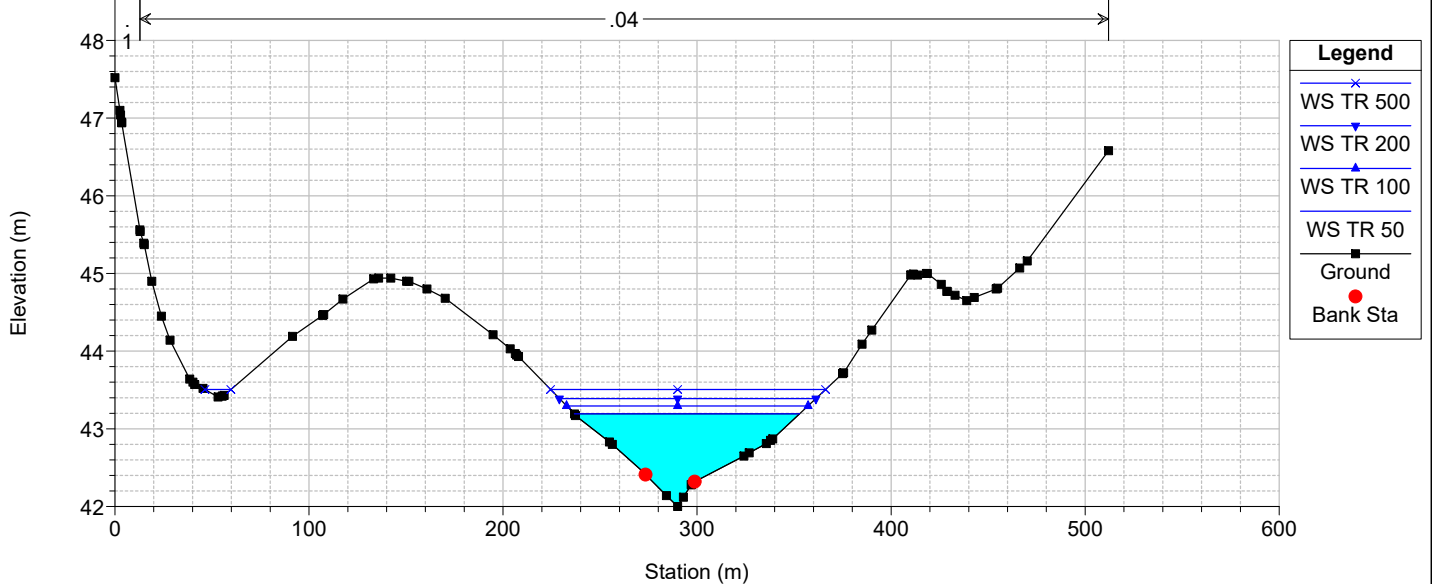
River = Trainu_Ispirida Reach = D29 RS = 280.7447 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

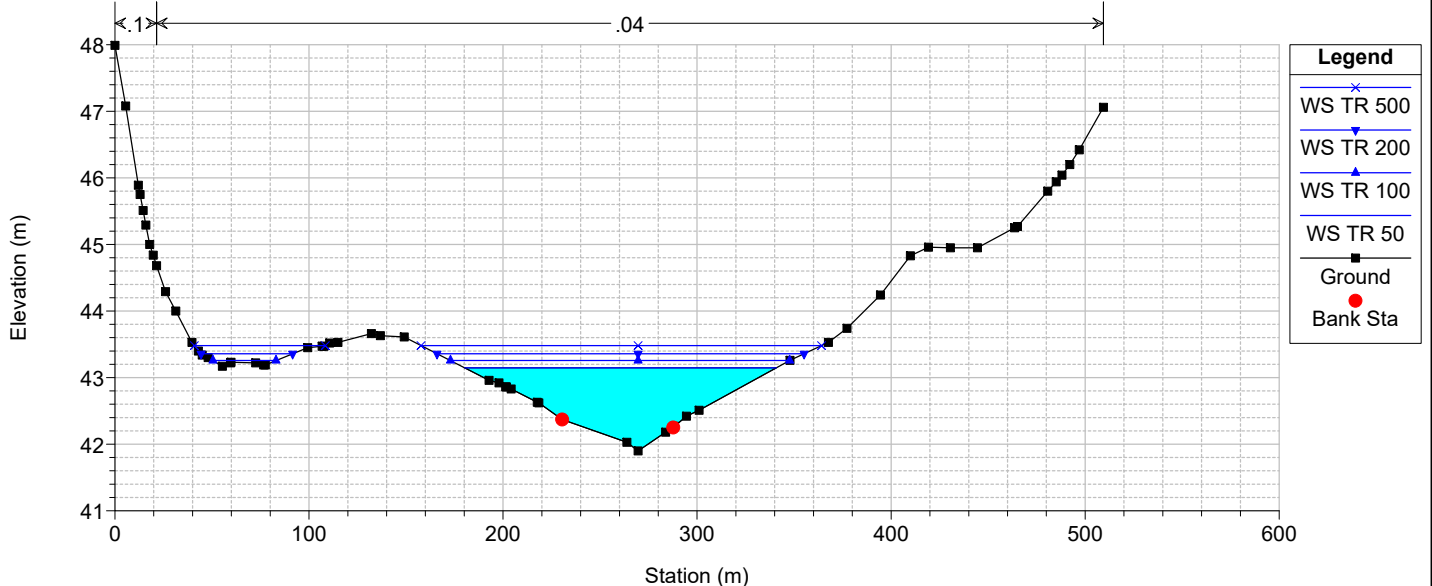
River = Trainu_Ispirida Reach = D29 RS = 245.3063 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

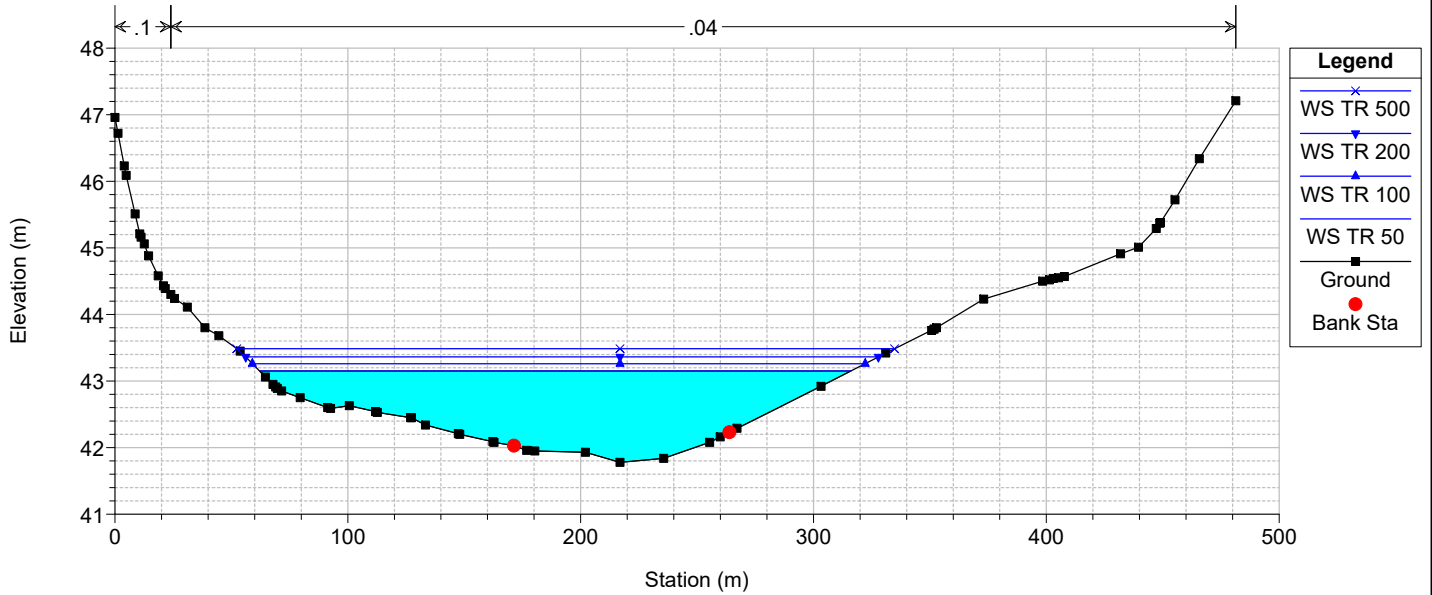
River = Trainu_Ispirida Reach = D29 RS = 210.2694 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

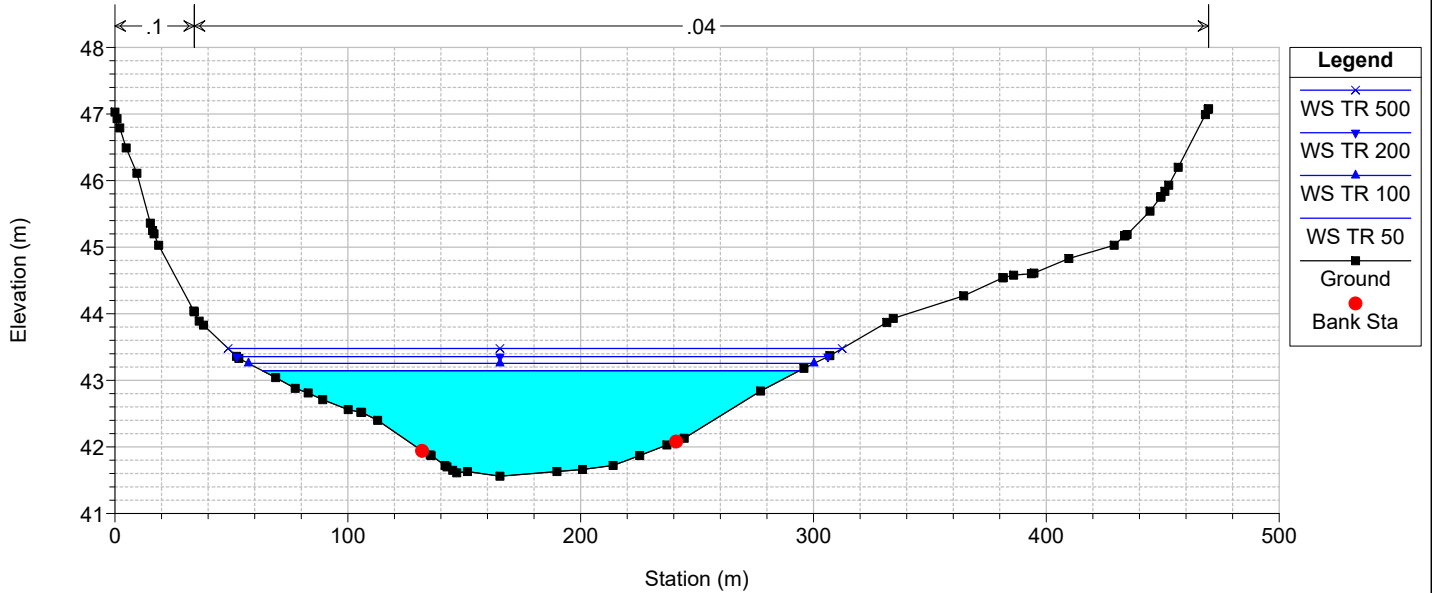
River = Trainu_Ispirida Reach = D29 RS = 174.7766 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

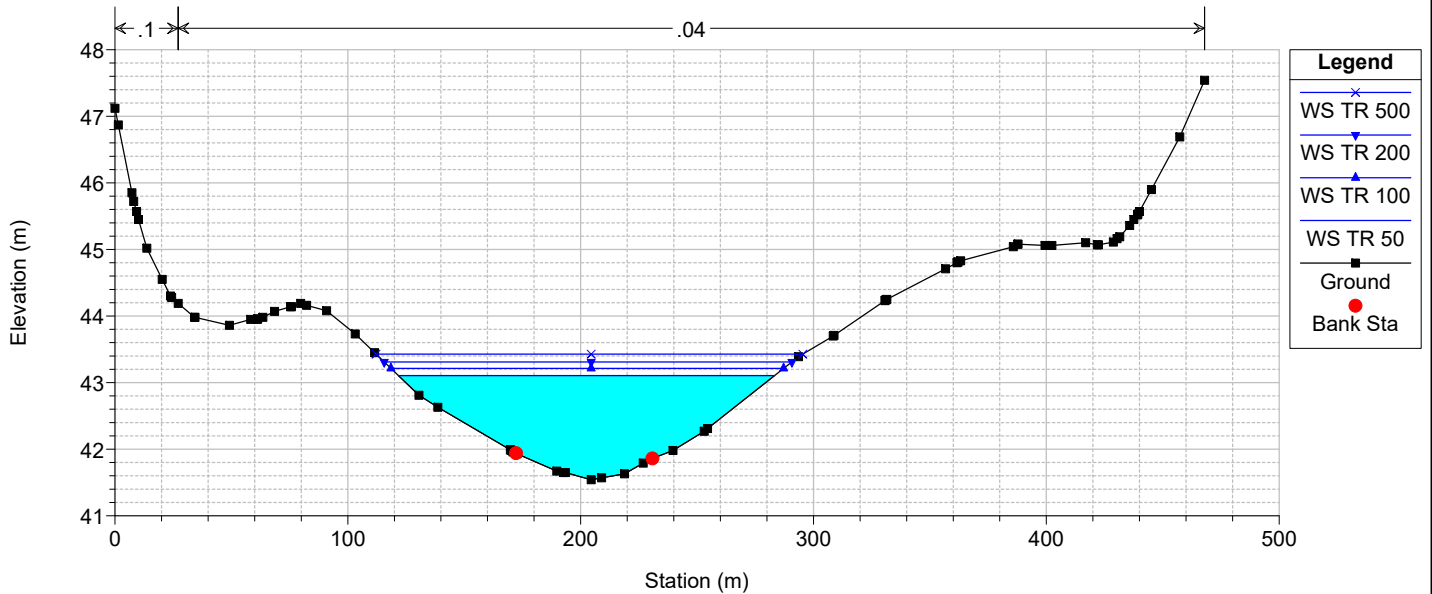
River = Trainu_Ispirida Reach = D29 RS = 139.9235 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

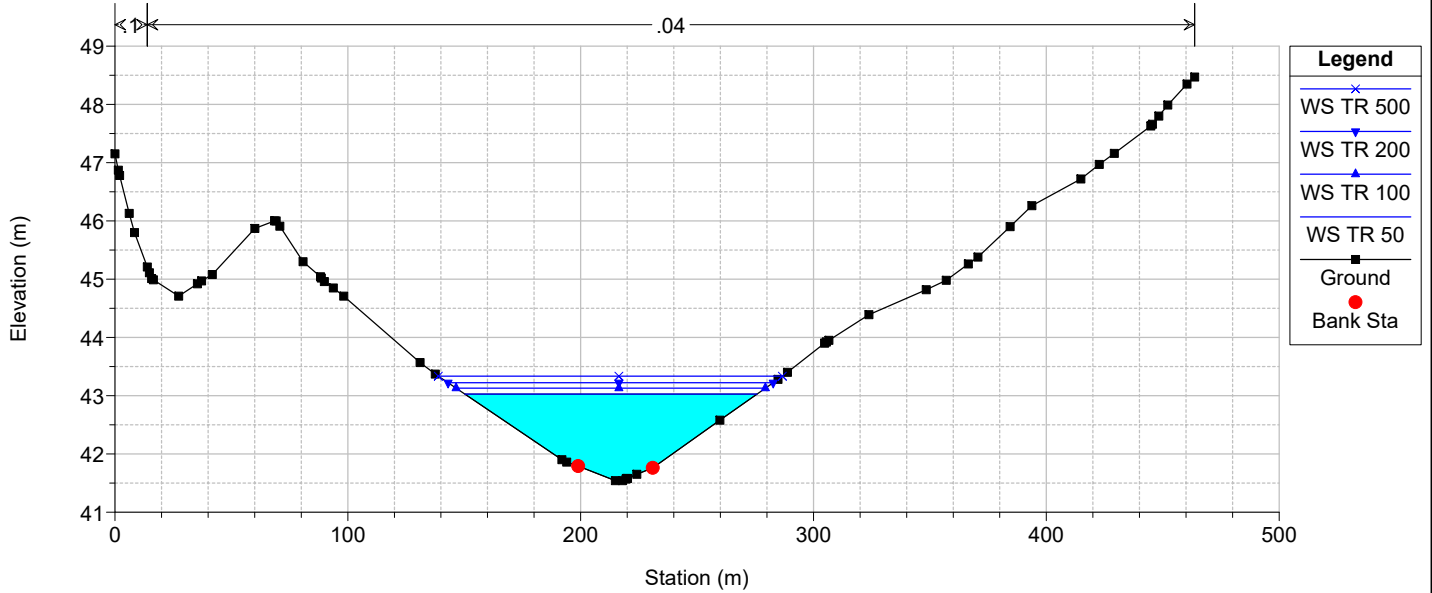
River = Trainu_Ispirida Reach = D29 RS = 105.0654 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

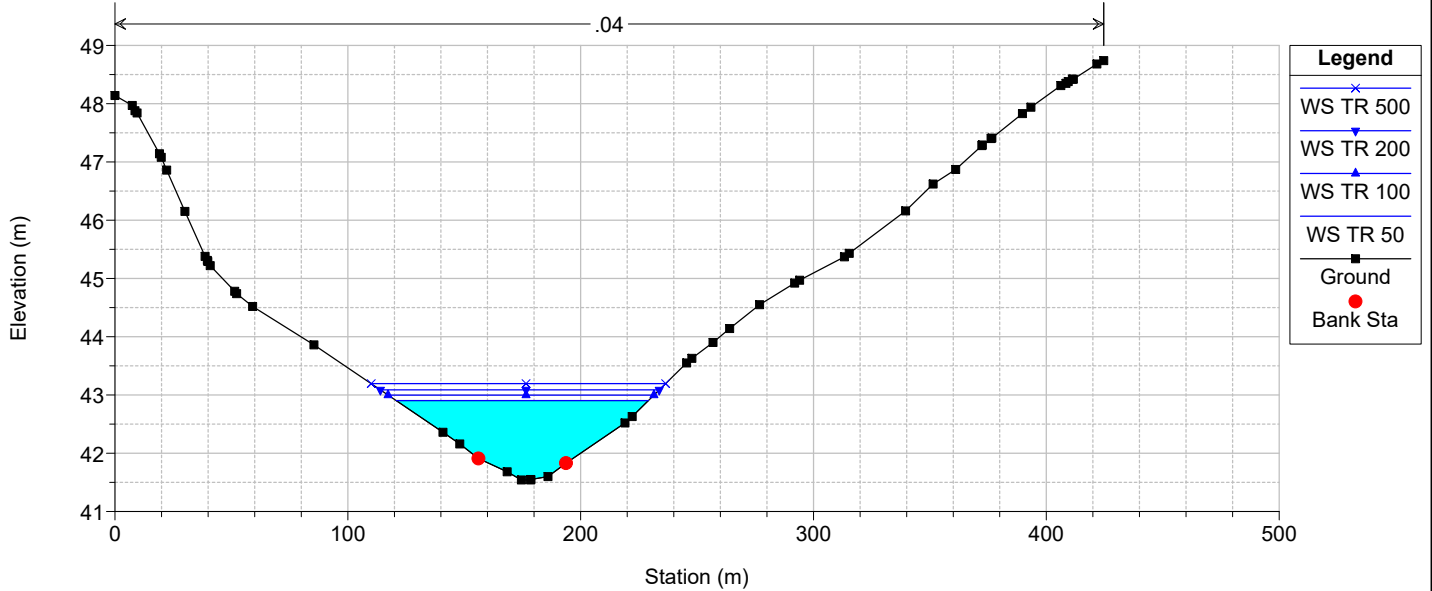
River = Trainu_Ispirida Reach = D29 RS = 69.81279 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

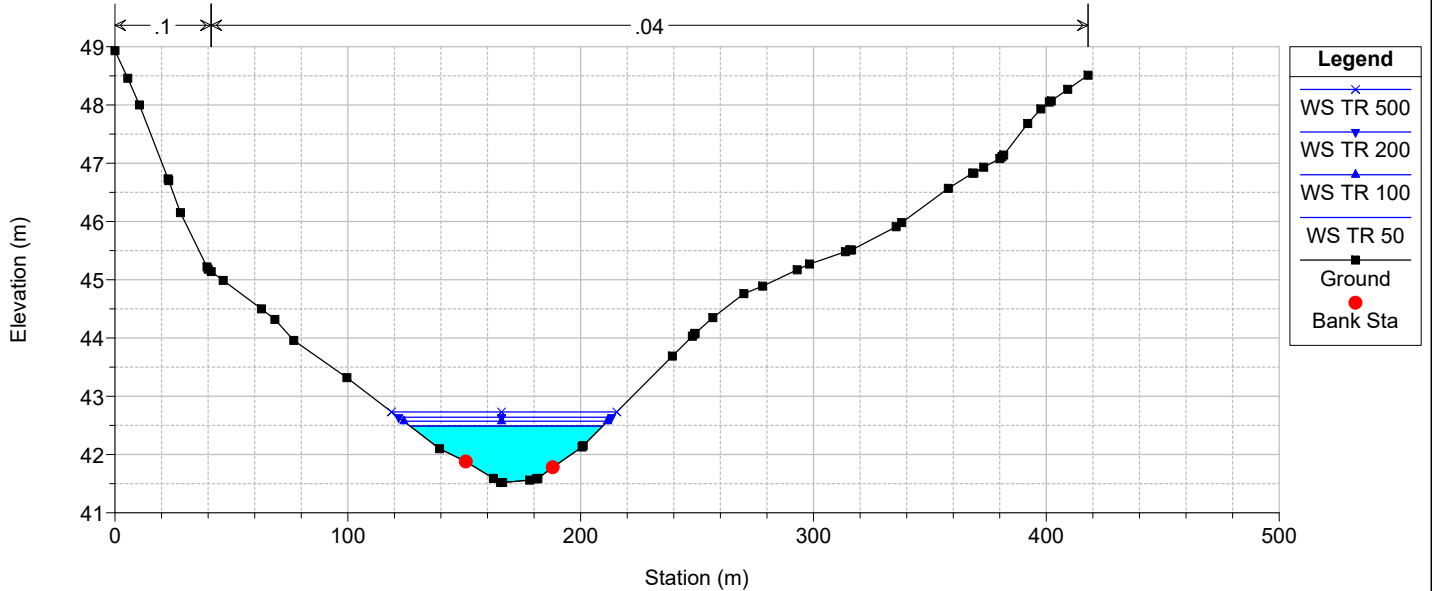
River = Trainu_Ispirida Reach = D29 RS = 35.18536 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Trainu_Ispirida Plan: Plan 01 2/3/2021

Geom: Trainu_Ispirida Flow: Trainu_Ispirida

River = Trainu_Ispirida Reach = D29 RS = 0.170732 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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)	
D29	6898.035	TR 50	47.88	184.35	185.40	185.40	185.65	0.019312	2.75	24.01	45.10	0.88
D29	6898.035	TR 100	56.92	184.35	185.46	185.46	185.75	0.019823	2.91	27.04	47.23	0.91
D29	6898.035	TR 200	66.06	184.35	185.53	185.53	185.83	0.020181	3.06	30.14	50.05	0.92
D29	6898.035	TR 500	78.22	184.35	185.62	185.62	185.94	0.019479	3.16	34.82	54.04	0.92
D29	6860	TR 50	47.88	181.23	182.09	182.55	183.78	0.212722	5.76	8.31	16.75	2.61
D29	6860	TR 100	56.92	181.23	182.17	182.65	183.88	0.189800	5.79	9.84	18.06	2.50
D29	6860	TR 200	66.06	181.23	182.25	182.74	183.99	0.173480	5.83	11.34	19.26	2.42
D29	6860	TR 500	78.22	181.23	182.34	182.85	184.15	0.163095	5.96	13.13	20.61	2.38
D29	6824.946	TR 50	47.88	178.39	179.69	179.89	180.44	0.047020	3.85	12.66	17.06	1.34
D29	6824.946	TR 100	56.92	178.39	179.77	180.03	180.64	0.048181	4.15	14.11	17.99	1.37
D29	6824.946	TR 200	66.06	178.39	179.85	180.16	180.83	0.049033	4.42	15.53	18.86	1.40
D29	6824.946	TR 500	78.22	178.39	179.95	180.31	181.06	0.049549	4.72	17.43	20.11	1.43
D29	6790.595	TR 50	47.88	176.12	177.24	177.56	178.25	0.088639	4.47	10.71	16.30	1.76
D29	6790.595	TR 100	56.92	176.12	177.32	177.69	178.43	0.087846	4.66	12.21	17.33	1.77
D29	6790.595	TR 200	66.06	176.12	177.40	177.78	178.60	0.087690	4.84	13.65	18.26	1.79
D29	6790.595	TR 500	78.22	176.12	177.50	177.92	178.81	0.088387	5.07	15.44	19.41	1.81
D29	6755.384	TR 50	47.88	170.80	171.66	172.16	173.55	0.213705	6.09	7.87	14.60	2.65
D29	6755.384	TR 100	56.92	170.80	171.73	172.28	173.78	0.209054	6.34	8.98	15.41	2.65
D29	6755.384	TR 200	66.06	170.80	171.80	172.39	173.99	0.204032	6.56	10.08	16.14	2.65
D29	6755.384	TR 500	78.22	170.80	171.89	172.54	174.27	0.193420	6.84	11.45	16.96	2.62
D29	6720	TR 50	47.88	161.92	162.83	163.45	165.35	0.248269	7.03	6.81	11.30	2.89
D29	6720	TR 100	56.92	161.92	162.91	163.59	165.69	0.246908	7.39	7.71	11.80	2.92
D29	6720	TR 200	66.06	161.92	162.98	163.72	166.00	0.245923	7.70	8.57	12.28	2.94
D29	6720	TR 500	78.22	161.92	163.06	163.87	166.43	0.249437	8.13	9.62	12.82	3.00
D29	6685	TR 50	47.88	158.63	159.52	159.79	160.39	0.077542	4.47	12.64	26.52	1.68
D29	6685	TR 100	56.92	158.63	159.57	159.88	160.56	0.081236	4.80	14.08	27.42	1.74
D29	6685	TR 200	66.06	158.63	159.62	159.96	160.72	0.084677	5.10	15.44	28.17	1.80
D29	6685	TR 500	78.22	158.63	159.68	160.06	160.93	0.088598	5.47	17.14	29.11	1.86
D29	6650	TR 50	47.88	156.59	157.67	157.87	158.32	0.044034	4.05	14.95	26.35	1.33
D29	6650	TR 100	56.92	156.59	157.75	157.97	158.45	0.043346	4.24	17.15	28.07	1.33
D29	6650	TR 200	66.06	156.59	157.83	158.05	158.57	0.042931	4.42	19.28	29.65	1.34
D29	6650	TR 500	78.22	156.59	157.91	158.16	158.71	0.042755	4.64	21.95	31.52	1.36
D29	6615	TR 50	47.88	153.67	154.25	154.58	155.42	0.197033	4.79	10.02	26.47	2.43
D29	6615	TR 100	56.92	153.67	154.30	154.67	155.61	0.189393	5.07	11.32	27.50	2.43
D29	6615	TR 200	66.06	153.67	154.35	154.75	155.78	0.181588	5.31	12.63	28.33	2.42
D29	6615	TR 500	78.22	153.67	154.41	154.84	155.97	0.171510	5.57	14.36	29.39	2.39
D29	6580	TR 50	47.88	150.07	150.88	151.12	151.63	0.064964	3.92	13.11	24.46	1.52
D29	6580	TR 100	56.92	150.07	150.94	151.21	151.79	0.066735	4.21	14.64	25.46	1.57
D29	6580	TR 200	66.06	150.07	151.00	151.30	151.95	0.068525	4.48	16.09	26.37	1.61
D29	6580	TR 500	78.22	150.07	151.07	151.41	152.15	0.070861	4.81	17.90	27.47	1.66
D29	6545	TR 50	47.88	149.21	150.27	150.14	150.47	0.013089	2.06	25.89	41.02	0.71
D29	6545	TR 100	56.92	149.21	150.35	150.23	150.57	0.013133	2.18	29.19	42.64	0.72
D29	6545	TR 200	66.06	149.21	150.42	150.31	150.66	0.013368	2.31	32.17	43.76	0.74
D29	6545	TR 500	78.22	149.21	150.50	150.39	150.77	0.013882	2.48	35.70	44.91	0.76
D29	6510	TR 50	47.88	148.57	149.62	149.62	149.91	0.019418	2.60	22.25	39.76	0.87
D29	6510	TR 100	56.92	148.57	149.70	149.70	150.01	0.019283	2.74	25.49	42.62	0.88
D29	6510	TR 200	66.06	148.57	149.77	149.77	150.10	0.018718	2.84	28.92	45.49	0.88
D29	6510	TR 500	78.22	148.57	149.87	149.87	150.22	0.018004	2.95	33.46	49.03	0.88
D29	6475	TR 50	47.88	147.92	149.13	149.01	149.35	0.012316	2.26	25.44	38.12	0.71
D29	6475	TR 100	56.92	147.92	149.22	149.10	149.46	0.012216	2.38	29.02	40.36	0.72
D29	6475	TR 200	66.06	147.92	149.30		149.56	0.012310	2.50	32.31	42.26	0.73
D29	6475	TR 500	78.22	147.92	149.41	149.28	149.68	0.011991	2.61	37.05	45.15	0.73
D29	6440	TR 50	47.88	147.29	148.45	148.45	148.79	0.020026	2.78	20.19	31.15	0.90
D29	6440	TR 100	56.92	147.29	148.54	148.54	148.91	0.019484	2.91	23.22	33.26	0.90
D29	6440	TR 200	66.06	147.29	148.64	148.64	149.02	0.018565	3.01	26.43	35.37	0.89
D29	6440	TR 500	78.22	147.29	148.74	148.74	149.15	0.018406	3.17	30.12	37.64	0.90
D29	6404.771	TR 50	47.88	146.55	147.68	147.70	148.04	0.022454	3.02	19.43	29.39	0.96
D29	6404.771	TR 100	56.92	146.55	147.76	147.79	148.16	0.022871	3.21	21.87	30.68	0.98
D29	6404.771	TR 200	66.06	146.55	147.83	147.88	148.28	0.023586	3.40	24.08	31.79	1.01
D29	6404.771	TR 500	78.22	146.55	147.93	147.98	148.42	0.023432	3.57	27.27	33.32	1.02
D29	6370.145	TR 50	47.88	145.78	146.87	146.87	147.22	0.024899	2.66	18.71	29.05	0.96
D29	6370.145	TR 100	56.92	145.78	146.95	146.97	147.34	0.024240	2.82	21.27	30.58	0.97
D29	6370.145	TR 200	66.06	145.78	147.04	147.06	147.46	0.023174	2.93	23.96	32.10	0.96
D29	6370.145	TR 500	78.22	145.78	147.13	147.17	147.60	0.023304	3.13	26.93	33.71	0.98
D29	6334.818	TR 50	47.88	144.75	145.63	145.75	146.13	0.038306	3.26	16.11	27.82	1.19
D29	6334.818	TR 100	56.92	144.75	145.70	145.84	146.26	0.038797	3.47	18.10	28.93	1.22
D29	6334.818	TR 200	66.06	144.75	145.76	145.92	146.39	0.039702	3.69	19.92	29.92	1.25

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)	
D29	6334.818	TR 500	78.22	144.75	145.85	146.03	146.53	0.038873	3.89	22.61	31.30	1.25
D29	6300	TR 50	47.88	141.57	142.31	142.68	143.59	0.170797	5.01	9.55	20.16	2.33
D29	6300	TR 100	56.92	141.57	142.38	142.77	143.74	0.161683	5.17	11.00	21.25	2.30
D29	6300	TR 200	66.06	141.57	142.45	142.86	143.88	0.153135	5.30	12.47	22.30	2.26
D29	6300	TR 500	78.22	141.57	142.52	142.97	144.07	0.149646	5.52	14.18	23.46	2.27
D29	6265	TR 50	47.88	139.69	140.86	140.67	141.04	0.011847	1.89	25.50	33.57	0.67
D29	6265	TR 100	56.92	139.69	140.95	140.75	141.16	0.012062	2.03	28.32	34.78	0.69
D29	6265	TR 200	66.06	139.69	141.02	140.82	141.26	0.012382	2.17	30.93	35.86	0.71
D29	6265	TR 500	78.22	139.69	141.11	140.92	141.39	0.012729	2.34	34.26	37.19	0.73
D29	6230	TR 50	47.88	139.11	140.26	140.19	140.52	0.018443	2.31	21.40	32.09	0.83
D29	6230	TR 100	56.92	139.11	140.36	140.27	140.65	0.017225	2.42	24.65	34.01	0.82
D29	6230	TR 200	66.06	139.11	140.45	140.35	140.76	0.016221	2.51	27.89	35.74	0.81
D29	6230	TR 500	78.22	139.11	140.56	140.46	140.89	0.015224	2.62	32.09	37.75	0.80
D29	6195	TR 50	47.88	138.04	139.40	139.40	139.83	0.020505	2.98	17.34	21.35	0.92
D29	6195	TR 100	56.92	138.04	139.51	139.51	139.98	0.019766	3.13	19.89	22.69	0.92
D29	6195	TR 200	66.06	138.04	139.62	139.62	140.12	0.019013	3.26	22.47	23.97	0.92
D29	6195	TR 500	78.22	138.04	139.77	139.77	140.30	0.017905	3.39	25.98	25.60	0.90
D29	6159.868	TR 50	47.88	137.05	138.68	138.54	139.05	0.013096	2.84	18.99	18.87	0.77
D29	6159.868	TR 100	56.92	137.05	138.78	138.67	139.21	0.013898	3.08	21.07	19.75	0.80
D29	6159.868	TR 200	66.06	137.05	138.88	138.80	139.37	0.014842	3.31	22.93	20.50	0.84
D29	6159.868	TR 500	78.22	137.05	138.84	138.95	139.57	0.022734	4.04	22.20	20.21	1.03
D29	6124.896	TR 50	47.88	136.55	138.00	138.00	138.43	0.024664	2.91	16.70	19.99	0.98
D29	6124.896	TR 100	56.92	136.55	138.11	138.11	138.58	0.024038	3.04	19.06	21.24	0.98
D29	6124.896	TR 200	66.06	136.55	138.22	138.22	138.73	0.023104	3.19	21.27	22.34	0.98
D29	6124.896	TR 500	78.22	136.55	138.36	138.36	138.90	0.021181	3.31	24.52	23.88	0.95
D29	6089.748	TR 50	47.88	136.10	137.57	137.22	137.71	0.008236	1.67	28.64	32.23	0.57
D29	6089.748	TR 100	56.92	136.10	137.69	137.32	137.84	0.008210	1.75	32.58	34.23	0.57
D29	6089.748	TR 200	66.06	136.10	137.80	137.41	137.96	0.008190	1.82	36.39	36.05	0.58
D29	6089.748	TR 500	78.22	136.10	137.93	137.52	138.11	0.008188	1.90	41.24	38.24	0.58
D29	6054.895	TR 50	47.88	135.70	137.01		137.28	0.019337	2.31	20.72	27.21	0.85
D29	6054.895	TR 100	56.92	135.70	137.09	137.00	137.40	0.020159	2.46	23.13	28.50	0.87
D29	6054.895	TR 200	66.06	135.70	137.17	137.10	137.52	0.020734	2.59	25.50	29.72	0.89
D29	6054.895	TR 500	78.22	135.70	137.27	137.21	137.66	0.021056	2.75	28.48	31.18	0.91
D29	6019.769	TR 50	47.88	135.19	136.58		136.76	0.010614	1.85	26.07	32.73	0.64
D29	6019.769	TR 100	56.92	135.19	136.69		136.88	0.009985	1.94	29.73	34.58	0.63
D29	6019.769	TR 200	66.06	135.19	136.80		137.00	0.009483	2.03	33.38	36.33	0.63
D29	6019.769	TR 500	78.22	135.19	136.92		137.15	0.008963	2.13	38.15	38.49	0.62
D29	5984.889	TR 50	47.88	134.72	136.20		136.41	0.009280	2.03	24.74	28.19	0.62
D29	5984.889	TR 100	56.92	134.72	136.32		136.55	0.009099	2.15	28.11	29.78	0.63
D29	5984.889	TR 200	66.06	134.72	136.43		136.68	0.008948	2.26	31.42	31.25	0.63
D29	5984.889	TR 500	78.22	134.72	136.56		136.83	0.008924	2.40	35.48	32.93	0.64
D29	5950	TR 50	47.88	134.28	135.58	135.55	135.95	0.018471	2.77	18.95	24.75	0.87
D29	5950	TR 100	56.92	134.28	135.68	135.66	136.09	0.018635	2.95	21.40	26.07	0.89
D29	5950	TR 200	66.06	134.28	135.77	135.76	136.22	0.018771	3.12	23.78	27.29	0.90
D29	5950	TR 500	78.22	134.28	135.89	135.89	136.38	0.018292	3.28	27.15	28.94	0.90
D29	5915.396	TR 50	47.88	133.79	135.14		135.40	0.012202	2.40	22.69	27.85	0.72
D29	5915.396	TR 100	56.92	133.79	135.25		135.54	0.012206	2.55	25.69	29.31	0.73
D29	5915.396	TR 200	66.06	133.79	135.34		135.66	0.012269	2.68	28.55	30.58	0.74
D29	5915.396	TR 500	78.22	133.79	135.46	135.31	135.81	0.012310	2.84	32.21	32.00	0.75
D29	5879.936	TR 50	47.88	133.28	134.63	134.51	134.92	0.015064	2.45	20.79	26.57	0.78
D29	5879.936	TR 100	56.92	133.28	134.73	134.62	135.06	0.014900	2.60	23.58	27.96	0.79
D29	5879.936	TR 200	66.06	133.28	134.83		135.18	0.014596	2.72	26.38	29.09	0.79
D29	5879.936	TR 500	78.22	133.28	134.95	134.84	135.34	0.014219	2.87	30.02	30.48	0.80
D29	5845	TR 50	47.88	132.75	134.06	133.96	134.36	0.016947	2.44	20.08	25.13	0.82
D29	5845	TR 100	56.92	132.75	134.16	134.06	134.50	0.017060	2.61	22.48	26.14	0.83
D29	5845	TR 200	66.06	132.75	134.24	134.16	134.63	0.017285	2.78	24.74	27.09	0.85
D29	5845	TR 500	78.22	132.75	134.34	134.28	134.78	0.017534	2.97	27.62	28.25	0.87
D29	5810	TR 50	47.88	132.29	133.51		133.78	0.015878	2.31	21.17	26.61	0.79
D29	5810	TR 100	56.92	132.29	133.60		133.91	0.016042	2.48	23.62	27.70	0.80
D29	5810	TR 200	66.06	132.29	133.69	133.58	134.03	0.015948	2.62	26.11	28.69	0.81
D29	5810	TR 500	78.22	132.29	133.80	133.69	134.18	0.015875	2.79	29.29	29.90	0.82
D29	5775	TR 50	47.88	131.50	132.70	132.70	133.11	0.022405	2.89	17.57	22.78	0.95
D29	5775	TR 100	56.92	131.50	132.82	132.82	133.26	0.020972	3.02	20.26	24.02	0.93
D29	5775	TR 200	66.06	131.50	132.92	132.92	133.39	0.020241	3.15	22.76	25.14	0.93
D29	5775	TR 500	78.22	131.50	133.04	133.04	133.56	0.019349	3.30	26.04	26.53	0.93
D29	5740	TR 50	47.88	129.53	130.75	131.06	131.72	0.079627	4.37	11.16	18.31	1.68

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
D29	5740	TR 100	56.92	129.53	130.83	131.17	131.91	0.078587	4.65	12.57	19.30	1.70
D29	5740	TR 200	66.06	129.53	130.90	131.27	132.09	0.075943	4.87	14.08	20.29	1.70
D29	5740	TR 500	78.22	129.53	130.99	131.40	132.30	0.073195	5.13	16.01	21.30	1.70
D29	5704.801	TR 50	47.88	128.35	130.06	130.06	130.58	0.022174	3.22	15.26	15.94	0.96
D29	5704.801	TR 100	56.92	128.35	130.21	130.21	130.77	0.020544	3.36	17.73	17.62	0.94
D29	5704.801	TR 200	66.06	128.35	130.35	130.35	130.94	0.019017	3.46	20.34	19.24	0.92
D29	5704.801	TR 500	78.22	128.35	130.53	130.53	131.14	0.017301	3.57	23.94	21.28	0.90
D29	5670	TR 50	47.88	126.89	128.39	128.71	129.43	0.049674	4.59	10.97	12.69	1.42
D29	5670	TR 100	56.92	126.89	128.50	128.86	129.66	0.049132	4.88	12.43	13.51	1.43
D29	5670	TR 200	66.06	126.89	128.60	129.01	129.87	0.048380	5.13	13.90	14.30	1.44
D29	5670	TR 500	78.22	126.89	128.73	129.18	130.13	0.047376	5.41	15.84	15.27	1.45
D29	5635	TR 50	47.88	124.94	126.43	126.79	127.59	0.054511	4.81	10.31	11.43	1.48
D29	5635	TR 100	56.92	124.94	126.55	126.95	127.85	0.053709	5.11	11.67	12.03	1.49
D29	5635	TR 200	66.06	124.94	126.66	127.10	128.08	0.053106	5.38	12.99	12.55	1.51
D29	5635	TR 500	78.22	124.94	126.79	127.29	128.37	0.052203	5.70	14.70	13.15	1.52
D29	5600.099	TR 50	47.88	119.19	119.63	120.16	122.75	0.700052	7.81	6.13	19.16	4.41
D29	5600.099	TR 100	56.92	119.19	119.68	120.26	123.08	0.671021	8.17	6.97	19.73	4.39
D29	5600.099	TR 200	66.06	119.19	119.72	120.35	123.39	0.643568	8.48	7.79	20.20	4.36
D29	5600.099	TR 500	78.22	119.19	119.77	120.46	123.75	0.620852	8.84	8.85	21.00	4.35
D29	5565	TR 50	47.88	117.54	118.31	118.34	118.62	0.035015	2.48	19.43	37.75	1.08
D29	5565	TR 100	56.92	117.54	118.36	118.41	118.73	0.037474	2.69	21.32	38.95	1.13
D29	5565	TR 200	66.06	117.54	118.40	118.48	118.83	0.039825	2.90	23.02	39.91	1.18
D29	5565	TR 500	78.22	117.54	118.45	118.57	118.96	0.042515	3.16	25.11	41.01	1.23
D29	5530.083	TR 50	47.88	116.68	117.92	117.49	117.98	0.003300	1.21	47.08	64.59	0.37
D29	5530.083	TR 100	56.92	116.68	118.03	117.56	118.09	0.003201	1.27	54.14	69.05	0.37
D29	5530.083	TR 200	66.06	116.68	118.13	117.62	118.20	0.003080	1.31	61.15	72.34	0.37
D29	5530.083	TR 500	78.22	116.68	118.25	117.69	118.33	0.002943	1.36	70.36	76.72	0.37
D29	5495	TR 50	47.88	116.43	117.50		117.74	0.017427	2.18	22.44	32.65	0.80
D29	5495	TR 100	56.92	116.43	117.59		117.85	0.016640	2.30	25.48	34.27	0.80
D29	5495	TR 200	66.06	116.43	117.68		117.97	0.015690	2.39	28.66	35.90	0.79
D29	5495	TR 500	78.22	116.43	117.79	117.66	118.10	0.015021	2.51	32.60	37.80	0.79
D29	5460	TR 50	47.88	115.78	116.89	116.79	117.16	0.015315	2.39	21.61	28.61	0.78
D29	5460	TR 100	56.92	115.78	116.98		117.29	0.015458	2.55	24.25	29.63	0.80
D29	5460	TR 200	66.06	115.78	117.06	116.98	117.41	0.015895	2.72	26.61	30.52	0.82
D29	5460	TR 500	78.22	115.78	117.17	117.09	117.55	0.015832	2.88	29.95	31.74	0.83
D29	5425	TR 50	47.88	114.96	116.10	116.10	116.48	0.024611	2.77	17.73	24.48	0.97
D29	5425	TR 100	56.92	114.96	116.20	116.20	116.62	0.023246	2.91	20.29	25.69	0.96
D29	5425	TR 200	66.06	114.96	116.30	116.30	116.75	0.021711	3.01	22.97	26.90	0.94
D29	5425	TR 500	78.22	114.96	116.41	116.41	116.91	0.020925	3.17	26.13	28.27	0.94
D29	5390	TR 50	47.88	113.87	114.82	114.96	115.38	0.039922	3.36	14.87	22.90	1.22
D29	5390	TR 100	56.92	113.87	114.89	115.06	115.54	0.041073	3.62	16.56	23.78	1.26
D29	5390	TR 200	66.06	113.87	114.96	115.16	115.69	0.042344	3.86	18.15	24.57	1.29
D29	5390	TR 500	78.22	113.87	115.05	115.28	115.87	0.042279	4.11	20.40	25.68	1.31
D29	5355	TR 50	47.88	110.51	111.42	111.89	113.04	0.117919	5.96	9.03	15.12	2.11
D29	5355	TR 100	56.92	110.51	111.51	112.02	113.22	0.109301	6.17	10.47	15.86	2.07
D29	5355	TR 200	66.06	110.51	111.60	112.14	113.39	0.102179	6.35	11.91	16.53	2.03
D29	5355	TR 500	78.22	110.51	111.70	112.29	113.61	0.096792	6.60	13.68	17.36	2.01
D29	5320	TR 50	47.88	109.27	110.64	110.69	111.17	0.022778	3.43	15.77	17.46	0.99
D29	5320	TR 100	56.92	109.27	110.74	110.82	111.35	0.023585	3.68	17.59	18.11	1.02
D29	5320	TR 200	66.06	109.27	110.84	110.94	111.52	0.024279	3.91	19.34	18.70	1.05
D29	5320	TR 500	78.22	109.27	110.95	111.09	111.72	0.025231	4.20	21.49	19.41	1.08
D29	5285	TR 50	47.88	108.43	109.94	109.90	110.41	0.018465	3.13	16.51	16.69	0.89
D29	5285	TR 100	56.92	108.43	110.07	110.04	110.59	0.018567	3.34	18.59	17.44	0.91
D29	5285	TR 200	66.06	108.43	110.19	110.17	110.76	0.018332	3.51	20.72	18.18	0.92
D29	5285	TR 500	78.22	108.43	110.34	110.34	110.97	0.017640	3.68	23.66	19.14	0.92
D29	5250	TR 50	47.88	107.57	109.21	109.21	109.76	0.018683	3.52	15.73	14.91	0.93
D29	5250	TR 100	56.92	107.57	109.36	109.36	109.95	0.017918	3.68	18.07	15.68	0.92
D29	5250	TR 200	66.06	107.57	109.50	109.50	110.13	0.017520	3.84	20.26	16.35	0.92
D29	5250	TR 500	78.22	107.57	109.66	109.66	110.35	0.017309	4.05	22.97	17.13	0.93
D29	5215	TR 50	47.88	106.36	107.99	108.22	108.88	0.032299	4.35	12.24	12.25	1.19
D29	5215	TR 100	56.92	106.36	108.13	108.38	109.10	0.031322	4.58	14.03	13.01	1.19
D29	5215	TR 200	66.06	106.36	108.27	108.54	109.30	0.030245	4.76	15.84	13.73	1.19
D29	5215	TR 500	78.22	106.36	108.43	108.72	109.54	0.028947	4.97	18.22	14.58	1.18
D29	5180	TR 50	47.88	104.60	106.15	106.51	107.31	0.062838	4.77	10.07	11.02	1.55
D29	5180	TR 100	56.92	104.60	106.27	106.68	107.57	0.061171	5.07	11.35	11.65	1.56
D29	5180	TR 200	66.06	104.60	106.37	106.83	107.81	0.059601	5.33	12.63	12.25	1.56
D29	5180	TR 500	78.22	104.60	106.51	107.02	108.10	0.057541	5.62	14.34	13.00	1.56

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
D29	5145	TR 50	47.88	102.56	103.89	104.24	104.99	0.069266	4.65	10.48	14.11	1.62
D29	5145	TR 100	56.92	102.56	103.97	104.37	105.25	0.071956	5.03	11.62	14.81	1.67
D29	5145	TR 200	66.06	102.56	104.04	104.51	105.49	0.074173	5.38	12.73	15.45	1.72
D29	5145	TR 500	78.22	102.56	104.14	104.66	105.79	0.076034	5.77	14.19	16.26	1.77
D29	5110	TR 50	47.88	99.66	100.60	100.99	101.86	0.118177	4.97	9.64	15.56	2.01
D29	5110	TR 100	56.92	99.66	100.68	101.11	102.09	0.115520	5.26	10.84	16.12	2.03
D29	5110	TR 200	66.06	99.66	100.75	101.22	102.31	0.112943	5.54	11.97	16.62	2.03
D29	5110	TR 500	78.22	99.66	100.83	101.37	102.60	0.110935	5.89	13.39	17.24	2.05
D29	5075	TR 50	47.88	99.15	101.04	100.78	101.33	0.011988	2.37	20.23	18.07	0.70
D29	5075	TR 100	56.92	99.15	101.19	100.90	101.50	0.011512	2.50	22.95	18.92	0.70
D29	5075	TR 200	66.06	99.15	101.31	101.02	101.67	0.011257	2.63	25.41	19.63	0.71
D29	5075	TR 500	78.22	99.15	101.46	101.16	101.86	0.011237	2.81	28.38	20.44	0.72
D29	5040	TR 50	47.88	98.50	100.26	100.24	100.77	0.020192	3.21	15.68	15.73	0.92
D29	5040	TR 100	56.92	98.50	100.39	100.39	100.96	0.020020	3.41	17.74	16.61	0.94
D29	5040	TR 200	66.06	98.50	100.52	100.52	101.13	0.019324	3.56	19.95	17.50	0.93
D29	5040	TR 500	78.22	98.50	100.69	100.69	101.35	0.017990	3.70	23.09	18.69	0.92
D29	5005	TR 50	47.88	97.91	99.66	99.66	100.11	0.016547	3.14	17.72	21.43	0.86
D29	5005	TR 100	56.92	97.91	99.74	99.81	100.28	0.018203	3.43	19.61	22.69	0.91
D29	5005	TR 200	66.06	97.91	99.80	99.92	100.43	0.020595	3.75	20.99	23.27	0.97
D29	5005	TR 500	78.22	97.91	99.88	100.05	100.63	0.023111	4.11	22.89	24.04	1.04
D29	4970	TR 50	47.88	97.26	99.03	98.87	99.37	0.012910	2.64	19.44	20.44	0.75
D29	4970	TR 100	56.92	97.26	99.16	99.00	99.54	0.012652	2.79	22.23	21.88	0.75
D29	4970	TR 200	66.06	97.26	99.29	99.13	99.69	0.012315	2.91	25.02	22.91	0.75
D29	4970	TR 500	78.22	97.26	99.42	99.28	99.87	0.012647	3.11	28.02	23.88	0.77
D29	4935	TR 50	47.88	96.63	98.36	98.33	98.80	0.020727	2.94	16.73	18.15	0.92
D29	4935	TR 100	56.92	96.63	98.47	98.45	98.97	0.021015	3.14	18.80	19.29	0.93
D29	4935	TR 200	66.06	96.63	98.57	98.57	99.12	0.021187	3.33	20.75	20.30	0.95
D29	4935	TR 500	78.22	96.63	98.73	98.73	99.31	0.019620	3.46	23.97	21.85	0.93
D29	4900	TR 50	47.88	96.00	97.57	97.56	98.00	0.024847	2.91	16.46	18.67	0.98
D29	4900	TR 100	56.92	96.00	97.68	97.68	98.16	0.024771	3.08	18.56	19.74	0.99
D29	4900	TR 200	66.06	96.00	97.78	97.79	98.31	0.025160	3.25	20.48	20.68	1.01
D29	4900	TR 500	78.22	96.00	97.87	97.94	98.50	0.027582	3.54	22.35	21.56	1.07
D29	4865	TR 50	47.88	95.29	96.69	96.69	97.13	0.025010	2.93	16.48	19.93	0.99
D29	4865	TR 100	56.92	95.29	96.79	96.81	97.29	0.025125	3.14	18.41	20.80	1.00
D29	4865	TR 200	66.06	95.29	96.88	96.92	97.44	0.024882	3.32	20.39	21.64	1.02
D29	4865	TR 500	78.22	95.29	97.03	97.05	97.62	0.022491	3.43	23.64	22.98	0.99
D29	4830.104	TR 50	47.88	94.39	95.47	95.59	96.02	0.040904	3.29	14.68	21.15	1.22
D29	4830.104	TR 100	56.92	94.39	95.55	95.69	96.17	0.041136	3.50	16.52	22.14	1.24
D29	4830.104	TR 200	66.06	94.39	95.63	95.80	96.32	0.041444	3.70	18.17	22.96	1.27
D29	4830.104	TR 500	78.22	94.39	95.70	95.92	96.52	0.044530	4.04	19.82	23.73	1.33
D29	4795.099	TR 50	47.88	90.53	91.49	91.86	92.68	0.395127	4.82	9.92	16.50	1.99
D29	4795.099	TR 100	56.92	90.53	91.58	91.97	92.85	0.376551	5.00	11.38	17.39	1.98
D29	4795.099	TR 200	66.06	90.53	91.66	92.08	93.01	0.361613	5.16	12.80	18.23	1.97
D29	4795.099	TR 500	78.22	90.53	91.78	92.20	93.16	0.320011	5.20	15.03	19.41	1.89
D29	4759.813	TR 50	47.88	88.31	90.04	90.00	90.48	0.109084	2.94	16.27	16.65	0.95
D29	4759.813	TR 100	56.92	88.31	90.13	90.13	90.65	0.118921	3.18	17.90	17.40	1.00
D29	4759.813	TR 200	66.06	88.31	90.25	90.26	90.81	0.118112	3.30	20.01	18.33	1.01
D29	4759.813	TR 500	78.22	88.31	90.41	90.41	91.00	0.112607	3.41	22.96	19.43	1.00
D29	4725	TR 50	47.88	86.34	88.13	88.13	88.72	0.028810	3.38	14.28	13.08	1.01
D29	4725	TR 100	56.92	86.34	88.29	88.29	88.92	0.026779	3.54	16.34	13.84	0.99
D29	4725	TR 200	66.06	86.34	88.42	88.43	89.12	0.026052	3.72	18.21	14.50	0.99
D29	4725	TR 500	78.22	86.34	88.59	88.60	89.37	0.025118	3.93	20.70	15.33	0.99
D29	4690.438	TR 50	47.88	83.81	85.06	85.54	86.61	0.172339	5.52	8.67	10.36	1.93
D29	4690.438	TR 100	56.92	83.81	85.16	85.69	86.88	0.183161	5.80	9.82	10.83	1.94
D29	4690.438	TR 200	66.06	83.81	85.27	85.83	87.10	0.187586	5.98	11.05	11.31	1.93
D29	4690.438	TR 500	78.22	83.81	85.41	86.00	87.38	0.192073	6.21	12.59	11.85	1.92
D29	4655	TR 50	47.88	78.83	79.75	79.93	80.37	0.164199	3.47	13.78	23.27	1.44
D29	4655	TR 100	56.92	78.83	79.83	80.02	80.51	0.159881	3.66	15.55	23.95	1.45
D29	4655	TR 200	66.06	78.83	79.89	80.11	80.65	0.159865	3.85	17.14	24.56	1.47
D29	4655	TR 500	78.22	78.83	79.97	80.22	80.83	0.160735	4.09	19.11	25.30	1.50
D29	4619.991	TR 50	47.88	77.92	78.94	78.94	79.28	0.023836	2.62	19.13	29.59	0.95
D29	4619.991	TR 100	56.92	77.92	79.02	79.02	79.40	0.023010	2.77	21.80	31.10	0.95
D29	4619.991	TR 200	66.06	77.92	79.11	79.11	79.51	0.022047	2.88	24.55	32.77	0.94
D29	4619.991	TR 500	78.22	77.92	79.22	79.22	79.65	0.020485	3.00	28.42	35.24	0.92
D29	4585.002	TR 50	47.88	75.77	76.53	76.84	77.54	0.137626	4.47	10.71	22.85	2.08
D29	4585.002	TR 100	56.92	75.77	76.59	76.93	77.71	0.135933	4.69	12.14	23.85	2.10

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
D29	4585.002	TR 200	66.06	75.77	76.64	77.01	77.86	0.135409	4.90	13.48	24.75	2.12
D29	4585.002	TR 500	78.22	75.77	76.71	77.11	78.07	0.136903	5.17	15.13	25.81	2.16
D29	4549.994	TR 50	47.88	73.33	74.21	74.35	74.72	0.048374	3.17	15.39	27.34	1.29
D29	4549.994	TR 100	56.92	73.33	74.28	74.44	74.85	0.049319	3.37	17.28	28.65	1.32
D29	4549.994	TR 200	66.06	73.33	74.34	74.51	74.97	0.050083	3.55	19.11	29.86	1.35
D29	4549.994	TR 500	78.22	73.33	74.42	74.61	75.12	0.050774	3.76	21.47	31.32	1.37
D29	4514.876	TR 50	47.88	69.97	70.46	70.76	71.56	0.210201	4.63	10.33	28.72	2.47
D29	4514.876	TR 100	56.92	69.97	70.51	70.84	71.70	0.198847	4.83	11.78	29.50	2.44
D29	4514.876	TR 200	66.06	69.97	70.56	70.91	71.84	0.189987	5.01	13.19	30.23	2.42
D29	4514.876	TR 500	78.22	69.97	70.62	71.00	72.01	0.181087	5.22	14.99	31.14	2.40
D29	4493.735	TR 50	47.88	69.50	70.41	70.41	70.69	0.020247	2.35	20.92	39.05	0.93
D29	4493.735	TR 100	56.92	69.50	70.49	70.49	70.79	0.019520	2.47	23.86	40.31	0.93
D29	4493.735	TR 200	66.06	69.50	70.56	70.56	70.88	0.018809	2.56	26.76	41.68	0.93
D29	4493.735	TR 500	78.22	69.50	70.65	70.65	70.99	0.017559	2.65	30.70	43.34	0.91
D29	4479.975	TR 50	47.88	69.19	69.85	69.96	70.25	0.054581	2.80	17.12	42.30	1.40
D29	4479.975	TR 100	56.92	69.19	69.89	70.02	70.35	0.056203	2.99	19.03	43.78	1.45
D29	4479.975	TR 200	66.06	69.19	69.93	70.08	70.44	0.057573	3.17	20.85	45.15	1.49
D29	4479.975	TR 500	78.22	69.19	69.98	70.16	70.56	0.059186	3.38	23.15	46.82	1.53
D29	4444.918	TR 50	47.88	68.57	69.27	69.24	69.46	0.022916	1.95	24.52	54.37	0.93
D29	4444.918	TR 100	56.92	68.57	69.32	69.30	69.54	0.023269	2.08	27.39	56.26	0.95
D29	4444.918	TR 200	66.06	68.57	69.37	69.35	69.61	0.023259	2.19	30.21	57.64	0.96
D29	4444.918	TR 500	78.22	68.57	69.43	69.42	69.71	0.023261	2.32	33.78	59.33	0.98
D29	4410	TR 50	47.88	67.95	68.59		68.74	0.018108	1.70	28.13	63.07	0.81
D29	4410	TR 100	56.92	67.95	68.65		68.81	0.018201	1.80	31.58	65.57	0.83
D29	4410	TR 200	66.06	67.95	68.69		68.88	0.018467	1.90	34.77	67.80	0.85
D29	4410	TR 500	78.22	67.95	68.75	68.69	68.96	0.018757	2.01	38.83	70.53	0.87
D29	4375	TR 50	47.88	67.39	68.21		68.30	0.008574	1.32	37.19	73.84	0.55
D29	4375	TR 100	56.92	67.39	68.28		68.38	0.008289	1.38	42.37	77.58	0.55
D29	4375	TR 200	66.06	67.39	68.34		68.45	0.007999	1.44	47.25	80.58	0.55
D29	4375	TR 500	78.22	67.39	68.42		68.53	0.007660	1.51	53.55	84.25	0.54
D29	4339.981	TR 50	47.88	67.05	67.84	67.73	67.98	0.009267	1.72	30.08	61.47	0.68
D29	4339.981	TR 100	56.92	67.05	67.90	67.79	68.06	0.009447	1.84	33.75	64.19	0.70
D29	4339.981	TR 200	66.06	67.05	67.95	67.85	68.13	0.009593	1.95	37.31	66.72	0.71
D29	4339.981	TR 500	78.22	67.05	68.02	67.92	68.22	0.009811	2.08	41.78	70.08	0.73
D29	4305.056	TR 50	47.88	66.64	67.28	67.28	67.50	0.022079	2.06	23.27	54.71	1.01
D29	4305.056	TR 100	56.92	66.64	67.34	67.34	67.57	0.021532	2.14	26.58	57.68	1.01
D29	4305.056	TR 200	66.06	66.64	67.39	67.39	67.65	0.021138	2.22	29.75	60.20	1.01
D29	4305.056	TR 500	78.22	66.64	67.46	67.46	67.73	0.020566	2.32	33.76	63.07	1.01
D29	4270	TR 50	47.88	66.11	67.08	66.76	67.14	0.002460	1.09	46.08	75.37	0.41
D29	4270	TR 100	56.92	66.11	67.15	66.81	67.22	0.002506	1.17	51.79	78.62	0.41
D29	4270	TR 200	66.06	66.11	67.22	66.86	67.30	0.002535	1.23	57.35	81.53	0.42
D29	4270	TR 500	78.22	66.11	67.31	66.92	67.39	0.002558	1.31	64.56	85.28	0.43
D29	4234.952	TR 50	47.88	65.99	66.99		67.05	0.002778	1.02	46.83	87.45	0.44
D29	4234.952	TR 100	56.92	65.99	67.07		67.13	0.002552	1.06	54.27	99.01	0.43
D29	4234.952	TR 200	66.06	65.99	67.15		67.21	0.002380	1.09	61.90	104.49	0.42
D29	4234.952	TR 500	78.22	65.99	67.24		67.30	0.002209	1.13	71.92	111.86	0.41
D29	4199.915	TR 50	47.88	65.85	66.86		66.93	0.003512	1.20	40.04	67.42	0.50
D29	4199.915	TR 100	56.92	65.85	66.95		67.02	0.003386	1.24	45.86	71.05	0.49
D29	4199.915	TR 200	66.06	65.85	67.02		67.11	0.003282	1.28	51.53	74.32	0.49
D29	4199.915	TR 500	78.22	65.85	67.12		67.21	0.003178	1.33	58.79	78.25	0.49
D29	4185.496	TR 50	47.88	65.77	66.81		66.88	0.003560	1.22	39.09	64.14	0.50
D29	4185.496	TR 100	56.92	65.77	66.89		66.97	0.003454	1.27	44.70	67.63	0.50
D29	4185.496	TR 200	66.06	65.77	66.97		67.06	0.003373	1.32	50.15	70.86	0.50
D29	4185.496	TR 500	78.22	65.77	67.07		67.16	0.003293	1.37	57.12	74.79	0.50
D29	4165	TR 50	47.88	65.68	66.73		66.81	0.003362	1.25	38.34	58.54	0.49
D29	4165	TR 100	56.92	65.68	66.82		66.90	0.003408	1.31	43.37	62.08	0.50
D29	4165	TR 200	66.06	65.68	66.89		66.99	0.003429	1.37	48.30	65.31	0.51
D29	4165	TR 500	78.22	65.68	66.99		67.09	0.003446	1.43	54.64	69.23	0.51
D29	4130	TR 50	47.88	65.56	66.52		66.65	0.006153	1.59	30.14	50.47	0.66
D29	4130	TR 100	56.92	65.56	66.60		66.74	0.006110	1.67	34.14	52.88	0.66
D29	4130	TR 200	66.06	65.56	66.67		66.83	0.006043	1.73	38.09	55.15	0.67
D29	4130	TR 500	78.22	65.56	66.76		66.93	0.006016	1.82	43.03	57.87	0.67
D29	4095.011	TR 50	47.88	65.21	66.05	66.05	66.32	0.015189	2.29	20.91	39.84	1.01
D29	4095.011	TR 100	56.92	65.21	66.12	66.12	66.41	0.014766	2.39	23.85	41.79	1.01
D29	4095.011	TR 200	66.06	65.21	66.19	66.19	66.50	0.014418	2.47	26.71	43.60	1.01
D29	4095.011	TR 500	78.22	65.21	66.27	66.27	66.61	0.013779	2.56	30.60	45.91	1.00

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
D29	4059.808	TR 50	47.88	64.57	65.39	65.43	65.72	0.018479	2.54	18.82	35.68	1.12
D29	4059.808	TR 100	56.92	64.57	65.45	65.51	65.82	0.018330	2.70	21.11	37.05	1.14
D29	4059.808	TR 200	66.06	64.57	65.51	65.58	65.92	0.018229	2.83	23.34	38.32	1.16
D29	4059.808	TR 500	78.22	64.57	65.59	65.66	66.04	0.017948	2.98	26.28	39.95	1.16
D29	4024.939	TR 50	47.88	64.00	64.98	64.82	65.14	0.010759	1.78	28.38	46.48	0.65
D29	4024.939	TR 100	56.92	64.00	65.06	64.89	65.23	0.011008	1.91	31.79	48.91	0.67
D29	4024.939	TR 200	66.06	64.00	65.12	64.96	65.32	0.011137	2.02	35.18	51.20	0.68
D29	4024.939	TR 500	78.22	64.00	65.21	65.05	65.43	0.011247	2.15	39.50	53.92	0.69
D29	3990.045	TR 50	47.88	63.55	64.45		64.67	0.017251	2.13	24.02	40.98	0.80
D29	3990.045	TR 100	56.92	63.55	64.54		64.77	0.015906	2.21	27.83	43.03	0.78
D29	3990.045	TR 200	66.06	63.55	64.62		64.87	0.014888	2.28	31.56	44.96	0.77
D29	3990.045	TR 500	78.22	63.55	64.73		64.99	0.013862	2.37	36.39	47.20	0.75
D29	3955	TR 50	47.88	62.92	64.17		64.27	0.006713	1.43	33.54	41.14	0.50
D29	3955	TR 100	56.92	62.92	64.28		64.39	0.006673	1.50	37.97	43.07	0.51
D29	3955	TR 200	66.06	62.92	64.37		64.50	0.006627	1.56	42.22	44.70	0.51
D29	3955	TR 500	78.22	62.92	64.49		64.63	0.006592	1.64	47.56	46.53	0.52
D29	3920.123	TR 50	47.88	62.61	63.75		63.94	0.013883	1.94	24.73	33.10	0.72
D29	3920.123	TR 100	56.92	62.61	63.84		64.05	0.014106	2.04	27.84	34.75	0.73
D29	3920.123	TR 200	66.06	62.61	63.92		64.16	0.014436	2.15	30.69	36.08	0.75
D29	3920.123	TR 500	78.22	62.61	64.02		64.28	0.014685	2.27	34.40	37.71	0.76
D29	3884.969	TR 50	47.88	61.96	62.92	62.92	63.24	0.029267	2.50	19.12	30.45	1.01
D29	3884.969	TR 100	56.92	61.96	63.01	63.01	63.36	0.028452	2.61	21.80	31.92	1.01
D29	3884.969	TR 200	66.06	61.96	63.09	63.09	63.46	0.027353	2.69	24.56	33.39	1.00
D29	3884.969	TR 500	78.22	61.96	63.19	63.19	63.59	0.026578	2.81	27.88	34.81	1.00
D29	3850.375	TR 50	47.88	60.24	60.77	60.99	61.52	0.096288	3.84	12.48	35.23	2.06
D29	3850.375	TR 100	56.92	60.24	60.81	61.06	61.65	0.097472	4.05	14.06	36.52	2.08
D29	3850.375	TR 200	66.06	60.24	60.85	61.13	61.77	0.098322	4.24	15.57	37.57	2.10
D29	3850.375	TR 500	78.22	60.24	60.90	61.21	61.92	0.098878	4.47	17.52	38.90	2.12
D29	3815.21	TR 50	47.88	59.55	60.92	60.30	60.96	0.000797	0.90	53.18	57.27	0.30
D29	3815.21	TR 100	56.92	59.55	61.00	60.37	61.05	0.000885	0.98	57.86	58.79	0.31
D29	3815.21	TR 200	66.06	59.55	61.08	60.43	61.13	0.000964	1.06	62.32	60.21	0.33
D29	3815.21	TR 500	78.22	59.55	61.17	60.50	61.24	0.001055	1.15	67.99	61.96	0.35
D29	3780.347	TR 50	47.88	59.47	60.89		60.93	0.000796	0.93	51.74	54.55	0.30
D29	3780.347	TR 100	56.92	59.47	60.97		61.02	0.000900	1.02	55.94	55.84	0.32
D29	3780.347	TR 200	66.06	59.47	61.04		61.10	0.000995	1.10	59.92	56.93	0.34
D29	3780.347	TR 500	78.22	59.47	61.12		61.20	0.001108	1.21	64.94	58.28	0.36
D29	3745.182	TR 50	47.88	59.22	60.88		60.91	0.000368	0.70	69.65	59.29	0.20
D29	3745.182	TR 100	56.92	59.22	60.96		60.99	0.000430	0.78	74.15	60.38	0.21
D29	3745.182	TR 200	66.06	59.22	61.03		61.07	0.000489	0.86	78.41	61.38	0.23
D29	3745.182	TR 500	78.22	59.22	61.12		61.16	0.000563	0.96	83.76	62.63	0.25
D29	3710	TR 50	47.88	58.97	60.88		60.90	0.000181	0.54	92.20	72.95	0.14
D29	3710	TR 100	56.92	58.97	60.96		60.98	0.000216	0.61	97.74	74.14	0.16
D29	3710	TR 200	66.06	58.97	61.03		61.05	0.000251	0.67	102.97	75.15	0.17
D29	3710	TR 500	78.22	58.97	61.11		61.14	0.000294	0.75	109.53	76.38	0.19
D29	3675	TR 50	47.88	58.82	60.88		60.89	0.000109	0.47	105.18	74.75	0.12
D29	3675	TR 100	56.92	58.82	60.95		60.97	0.000132	0.53	110.81	75.75	0.13
D29	3675	TR 200	66.06	58.82	61.02		61.04	0.000155	0.59	116.12	76.68	0.14
D29	3675	TR 500	78.22	58.82	61.11		61.13	0.000185	0.66	122.77	77.83	0.16
D29	3640	TR 50	47.88	58.75	60.88		60.89	0.000091	0.49	109.44	75.72	0.11
D29	3640	TR 100	56.92	58.75	60.95		60.96	0.000112	0.55	115.10	76.73	0.13
D29	3640	TR 200	66.06	58.75	61.02		61.04	0.000132	0.61	120.42	77.62	0.14
D29	3640	TR 500	78.22	58.75	61.10		61.13	0.000159	0.69	127.08	78.73	0.15
D29	3605	TR 50	47.88	58.85	60.87		60.88	0.000084	0.45	117.52	84.48	0.11
D29	3605	TR 100	56.92	58.85	60.95		60.96	0.000102	0.51	123.80	85.56	0.12
D29	3605	TR 200	66.06	58.85	61.02		61.03	0.000120	0.56	129.71	86.57	0.13
D29	3605	TR 500	78.22	58.85	61.10		61.12	0.000143	0.63	137.10	87.82	0.14
D29	3570	TR 50	47.88	58.49	60.88		60.88	0.000035	0.32	167.02	109.64	0.07
D29	3570	TR 100	56.92	58.49	60.95		60.96	0.000043	0.36	175.22	110.91	0.08
D29	3570	TR 200	66.06	58.49	61.02		61.03	0.000051	0.40	182.92	112.06	0.09
D29	3570	TR 500	78.22	58.49	61.11		61.11	0.000062	0.46	192.57	113.42	0.10
D29	3535	TR 50	47.88	58.13	60.88		60.88	0.000020	0.27	202.86	115.04	0.06
D29	3535	TR 100	56.92	58.13	60.95		60.95	0.000025	0.31	211.46	116.24	0.06
D29	3535	TR 200	66.06	58.13	61.02		61.02	0.000030	0.35	219.53	117.36	0.07
D29	3535	TR 500	78.22	58.13	61.11		61.11	0.000037	0.40	229.64	118.74	0.08
D29	3500.032	TR 50	47.88	58.40	60.87		60.88	0.000031	0.32	179.15	114.75	0.07
D29	3500.032	TR 100	56.92	58.40	60.95		60.95	0.000038	0.36	187.69	116.04	0.08
D29	3500.032	TR 200	66.06	58.40	61.02		61.02	0.000045	0.41	195.70	117.23	0.08

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
D29	3500.032	TR 500	78.22	58.40	61.10		61.11	0.000055	0.46	205.73	118.71	0.09
D29	3465.059	TR 50	47.88	59.22	60.87		60.88	0.000111	0.46	129.22	119.11	0.12
D29	3465.059	TR 100	56.92	59.22	60.94		60.95	0.000129	0.51	137.93	120.26	0.13
D29	3465.059	TR 200	66.06	59.22	61.01		61.02	0.000146	0.56	146.09	121.33	0.14
D29	3465.059	TR 500	78.22	59.22	61.09		61.11	0.000168	0.62	156.28	122.63	0.15
D29	3443.455	TR 50	47.88	59.11	60.87		60.87	0.000056	0.30	184.69	161.27	0.08
D29	3443.455	TR 100	56.92	59.11	60.94		60.95	0.000065	0.34	196.53	162.30	0.08
D29	3443.455	TR 200	66.06	59.11	61.01		61.02	0.000075	0.37	207.59	163.26	0.09
D29	3443.455	TR 500	78.22	59.11	61.09		61.10	0.000086	0.41	221.37	164.43	0.10
D29	3430.005	TR 50	47.88	59.20	60.86		60.87	0.000128	0.49	116.12	128.01	0.13
D29	3430.005	TR 100	56.92	59.20	60.93		60.95	0.000148	0.55	125.35	129.73	0.14
D29	3430.005	TR 200	66.06	59.20	61.00		61.01	0.000167	0.60	134.02	131.02	0.15
D29	3430.005	TR 500	78.22	59.20	61.08		61.10	0.000190	0.66	144.85	132.34	0.16
D29	3395	TR 50	47.88	59.45	60.85		60.87	0.000235	0.60	90.41	93.54	0.17
D29	3395	TR 100	56.92	59.45	60.92		60.94	0.000273	0.67	96.92	95.35	0.18
D29	3395	TR 200	66.06	59.45	60.98		61.01	0.000308	0.73	103.04	97.03	0.20
D29	3395	TR 500	78.22	59.45	61.06		61.09	0.000352	0.81	110.74	99.28	0.21
D29	3360	TR 50	47.88	59.77	60.83		60.85	0.000941	0.68	71.97	98.76	0.24
D29	3360	TR 100	56.92	59.77	60.89		60.92	0.001037	0.74	78.56	100.52	0.26
D29	3360	TR 200	66.06	59.77	60.95		60.99	0.001124	0.80	84.75	102.09	0.27
D29	3360	TR 500	78.22	59.77	61.03		61.07	0.001225	0.87	92.54	104.03	0.28
D29	3325	TR 50	47.88	59.78	60.79		60.81	0.001188	0.62	78.13	104.41	0.23
D29	3325	TR 100	56.92	59.78	60.86		60.88	0.001304	0.68	84.73	105.41	0.24
D29	3325	TR 200	66.06	59.78	60.91		60.94	0.001411	0.73	90.87	106.33	0.25
D29	3325	TR 500	78.22	59.78	60.99		61.02	0.001535	0.80	98.58	107.48	0.26
D29	3290	TR 50	47.88	59.90	60.70		60.73	0.006749	0.70	68.89	116.19	0.28
D29	3290	TR 100	56.92	59.90	60.76		60.79	0.007116	0.76	75.34	117.35	0.30
D29	3290	TR 200	66.06	59.90	60.81		60.84	0.007449	0.82	81.35	118.27	0.31
D29	3290	TR 500	78.22	59.90	60.87		60.91	0.007785	0.89	88.99	119.43	0.32
D29	3277.573	TR 50	47.88	59.81	60.42	60.39	60.54	0.057115	2.21	36.12	110.29	1.12
D29	3277.573	TR 100	56.92	59.81	60.45	60.42	60.59	0.056584	2.35	40.34	111.41	1.14
D29	3277.573	TR 200	66.06	59.81	60.50	60.46	60.65	0.052332	2.43	45.31	112.52	1.12
D29	3277.573	TR 500	78.22	59.81	60.55	60.50	60.71	0.050869	2.57	50.72	113.55	1.13
D29	3255.183	TR 50	47.88	59.00	59.64	59.64	59.86	0.019581	2.09	22.93	52.37	0.99
D29	3255.183	TR 100	56.92	59.00	59.70	59.70	59.94	0.018346	2.19	26.16	55.09	0.98
D29	3255.183	TR 200	66.06	59.00	59.75	59.75	60.02	0.018020	2.30	29.03	57.42	0.99
D29	3255.183	TR 500	78.22	59.00	59.82	59.82	60.11	0.016878	2.41	33.26	60.36	0.97
D29	3219.84	TR 50	47.88	58.09	58.86	58.88	59.10	0.023748	2.18	21.92	51.33	1.07
D29	3219.84	TR 100	56.92	58.09	58.90	58.94	59.18	0.025390	2.35	24.24	53.53	1.11
D29	3219.84	TR 200	66.06	58.09	58.95	59.00	59.26	0.026009	2.47	26.76	55.82	1.14
D29	3219.84	TR 500	78.22	58.09	59.00	59.07	59.35	0.027894	2.65	29.48	58.19	1.19
D29	3185.073	TR 50	47.88	57.07	57.98	58.05	58.34	0.019908	2.63	18.23	34.59	1.16
D29	3185.073	TR 100	56.92	57.07	58.07	58.12	58.43	0.018176	2.67	21.32	37.25	1.13
D29	3185.073	TR 200	66.06	57.07	58.14	58.19	58.53	0.017053	2.76	23.90	39.03	1.13
D29	3185.073	TR 500	78.22	57.07	58.23	58.28	58.64	0.015434	2.86	27.49	42.05	1.09
D29	3149.995	TR 50	47.88	56.35	56.99	57.12	57.43	0.034440	3.06	18.60	73.61	1.49
D29	3149.995	TR 100	56.92	56.35	57.02	57.18	57.52	0.038195	3.34	20.50	74.99	1.58
D29	3149.995	TR 200	66.06	56.35	57.04	57.21	57.62	0.041410	3.59	22.32	76.29	1.66
D29	3149.995	TR 500	78.22	56.35	57.07	57.27	57.74	0.046028	3.92	24.40	77.75	1.76
D29	3114.989	TR 50	47.88	55.56	56.19	56.25	56.50	0.019642	2.66	21.07	52.80	1.15
D29	3114.989	TR 100	56.92	55.56	56.25	56.31	56.58	0.018468	2.77	24.35	55.46	1.13
D29	3114.989	TR 200	66.06	55.56	56.30	56.37	56.65	0.017618	2.87	27.54	57.93	1.12
D29	3114.989	TR 500	78.22	55.56	56.37	56.44	56.74	0.016790	2.99	31.61	60.94	1.11
D29	3080.222	TR 50	47.88	54.85	55.64	55.41	55.71	0.003745	1.16	41.25	77.07	0.50
D29	3080.222	TR 100	56.92	54.85	55.71	55.46	55.78	0.003682	1.23	46.37	79.28	0.51
D29	3080.222	TR 200	66.06	54.85	55.76	55.51	55.85	0.003614	1.30	51.12	81.15	0.52
D29	3080.222	TR 500	78.22	54.85	55.84	55.57	55.94	0.003511	1.37	57.34	83.63	0.52
D29	3044.824	TR 50	47.88	54.66	55.57		55.61	0.001809	0.85	56.66	98.42	0.35
D29	3044.824	TR 100	56.92	54.66	55.64		55.68	0.001762	0.90	63.60	99.68	0.35
D29	3044.824	TR 200	66.06	54.66	55.71		55.75	0.001748	0.95	69.89	100.80	0.36
D29	3044.824	TR 500	78.22	54.66	55.79		55.84	0.001717	1.01	78.05	102.04	0.36
D29	3010.797	TR 50	47.88	54.54	55.51		55.55	0.001723	0.85	57.18	99.58	0.35
D29	3010.797	TR 100	56.92	54.54	55.59		55.63	0.001667	0.90	64.39	100.91	0.35
D29	3010.797	TR 200	66.06	54.54	55.65		55.69	0.001659	0.95	70.81	102.06	0.35
D29	3010.797	TR 500	78.22	54.54	55.73		55.78	0.001630	1.01	79.19	103.54	0.36
D29	2975.558	TR 50	47.88	54.40	55.50		55.52	0.000465	0.56	88.92	118.34	0.19

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
D29	2975.558	TR 100	56.92	54.40	55.57		55.59	0.000496	0.61	97.56	121.28	0.20
D29	2975.558	TR 200	66.06	54.40	55.64		55.66	0.000530	0.66	105.77	139.23	0.21
D29	2975.558	TR 500	78.22	54.40	55.72		55.74	0.000566	0.71	118.59	165.87	0.22
D29	2940	TR 50	47.88	54.18	55.49		55.50	0.000321	0.52	95.95	104.24	0.16
D29	2940	TR 100	56.92	54.18	55.56		55.57	0.000365	0.58	103.36	106.01	0.17
D29	2940	TR 200	66.06	54.18	55.62		55.64	0.000410	0.63	109.93	107.46	0.19
D29	2940	TR 500	78.22	54.18	55.70		55.72	0.000461	0.70	118.59	109.62	0.20
D29	2905.004	TR 50	47.88	54.11	55.48		55.49	0.000211	0.40	130.42	139.36	0.12
D29	2905.004	TR 100	56.92	54.11	55.55		55.56	0.000239	0.44	140.27	140.90	0.13
D29	2905.004	TR 200	66.06	54.11	55.61		55.63	0.000268	0.48	148.95	142.24	0.14
D29	2905.004	TR 500	78.22	54.11	55.69		55.71	0.000300	0.53	160.38	144.07	0.15
D29	2870.213	TR 50	47.88	53.97	55.46		55.48	0.000681	0.57	112.71	140.87	0.16
D29	2870.213	TR 100	56.92	53.97	55.53		55.55	0.000750	0.61	122.24	142.30	0.16
D29	2870.213	TR 200	66.06	53.97	55.59		55.61	0.000825	0.66	130.56	143.46	0.17
D29	2870.213	TR 500	78.22	53.97	55.66		55.69	0.000900	0.71	141.54	144.83	0.18
D29	2834.859	TR 50	47.88	53.75	55.21	55.21	55.39	0.023024	2.17	34.50	92.59	0.62
D29	2834.859	TR 100	56.92	53.75	55.26	55.26	55.45	0.025033	2.32	38.53	94.92	0.65
D29	2834.859	TR 200	66.06	53.75	55.31	55.31	55.51	0.024531	2.36	43.54	97.44	0.65
D29	2834.859	TR 500	78.22	53.75	55.35	55.35	55.58	0.026883	2.53	47.72	99.14	0.69
D29	2800.259	TR 50	47.88	53.44	54.58	54.43	54.67	0.005768	1.53	38.64	86.91	0.57
D29	2800.259	TR 100	56.92	53.44	54.60	54.48	54.72	0.007130	1.73	40.71	88.43	0.64
D29	2800.259	TR 200	66.06	53.44	54.76	54.53	54.86	0.004225	1.51	56.04	99.39	0.51
D29	2800.259	TR 500	78.22	53.44	55.07	54.59	55.12	0.001799	1.19	91.40	127.87	0.34
D29	2765.96	TR 50	47.88	53.19	54.12	54.11	54.36	0.015285	2.19	23.28	52.51	0.91
D29	2765.96	TR 100	56.92	53.19	54.41		54.52	0.004827	1.60	40.41	66.83	0.54
D29	2765.96	TR 200	66.06	53.19	54.68		54.75	0.002167	1.28	60.43	80.73	0.38
D29	2765.96	TR 500	78.22	53.19	55.03		55.08	0.001009	1.04	92.41	99.34	0.27
D29	2729.611	TR 50	47.88	52.88	54.18		54.20	0.000954	0.69	70.06	87.30	0.24
D29	2729.611	TR 100	56.92	52.88	54.43		54.45	0.000558	0.62	93.14	98.11	0.19
D29	2729.611	TR 200	66.06	52.88	54.69		54.71	0.000358	0.57	120.33	110.32	0.16
D29	2729.611	TR 500	78.22	52.88	55.04		55.05	0.000224	0.53	161.48	125.65	0.13
D29	2695.119	TR 50	47.88	52.65	54.17		54.18	0.000282	0.47	109.01	113.66	0.14
D29	2695.119	TR 100	56.92	52.65	54.43		54.44	0.000203	0.45	139.10	124.50	0.12
D29	2695.119	TR 200	66.06	52.65	54.69		54.70	0.000150	0.43	173.11	134.09	0.11
D29	2695.119	TR 500	78.22	52.65	55.04		55.04	0.000107	0.42	221.93	145.39	0.09
D29	2660.093	TR 50	47.88	52.36	54.16		54.17	0.000374	0.59	96.99	100.76	0.16
D29	2660.093	TR 100	56.92	52.36	54.41		54.43	0.000277	0.57	124.26	111.84	0.14
D29	2660.093	TR 200	66.06	52.36	54.68		54.69	0.000208	0.54	155.13	120.26	0.13
D29	2660.093	TR 500	78.22	52.36	55.03		55.04	0.000148	0.51	199.17	130.32	0.11
D29	2625.017	TR 50	47.88	52.12	54.13		54.15	0.000582	0.90	76.70	87.20	0.21
D29	2625.017	TR 100	56.92	52.12	54.39		54.41	0.000406	0.82	101.71	101.52	0.18
D29	2625.017	TR 200	66.06	52.12	54.66		54.68	0.000292	0.76	131.08	114.42	0.16
D29	2625.017	TR 500	78.22	52.12	55.02		55.03	0.000204	0.69	174.59	129.61	0.13
D29	2590.126	TR 50	47.88	51.95	54.01		54.11	0.002492	1.43	35.00	51.44	0.41
D29	2590.126	TR 100	56.92	51.95	54.31		54.38	0.001434	1.26	53.78	70.77	0.32
D29	2590.126	TR 200	66.06	51.95	54.61		54.66	0.000862	1.10	78.83	94.23	0.26
D29	2590.126	TR 500	78.22	51.95	54.99		55.02	0.000495	0.94	118.69	117.68	0.20
D29	2566.894	TR 50	47.88	51.83	53.98	52.92	54.06	0.001605	1.27	37.79	25.79	0.33
D29	2566.894	TR 100	56.92	51.83	54.27	53.04	54.35	0.001336	1.24	46.38	34.94	0.31
D29	2566.894	TR 200	66.06	51.83	54.57	53.15	54.64	0.000996	1.19	61.07	78.35	0.28
D29	2566.894	TR 500	78.22	51.83	54.96	53.31	55.01	0.000609	1.06	98.77	109.78	0.22
D29	2540.573		Culvert									
D29	2520.148	TR 50	47.88	51.51	53.87		53.92	0.004412	1.09	52.97	44.99	0.23
D29	2520.148	TR 100	56.92	51.51	54.14		54.19	0.003778	1.09	66.68	57.53	0.22
D29	2520.148	TR 200	66.06	51.51	54.40		54.45	0.003095	1.05	84.46	72.52	0.20
D29	2520.148	TR 500	78.22	51.51	54.75		54.78	0.002370	1.00	110.78	84.12	0.18
D29	2489.4	TR 50	47.88	51.27	53.66	52.59	53.73	0.009128	1.21	39.49	27.07	0.32
D29	2489.4	TR 100	56.92	51.27	53.96	52.72	54.03	0.007080	1.18	48.40	32.69	0.30
D29	2489.4	TR 200	66.06	51.27	54.26	52.84	54.32	0.005515	1.15	59.10	40.34	0.27
D29	2489.4	TR 500	78.22	51.27	54.63	52.98	54.69	0.004018	1.11	76.53	62.11	0.24
D29	2471.795		Culvert									
D29	2456.524	TR 50	47.88	50.25	51.12	51.64	52.88	0.332720	5.88	8.14	10.85	2.17
D29	2456.524	TR 100	56.92	50.25	51.26	51.80	53.03	0.283292	5.91	9.64	11.29	2.04
D29	2456.524	TR 200	66.06	50.25	51.38	51.95	53.18	0.248480	5.94	11.12	11.71	1.95
D29	2456.524	TR 500	78.22	50.25	51.55	52.13	53.37	0.215125	5.98	13.09	12.25	1.85

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
D29	2415.39	TR 50	47.88	50.01	52.00	50.88	52.03	0.000598	0.67	77.92	65.30	0.17
D29	2415.39	TR 100	56.92	50.01	52.14	50.96	52.16	0.000626	0.72	86.91	68.52	0.17
D29	2415.39	TR 200	66.06	50.01	52.26	51.03	52.29	0.000652	0.77	95.51	71.54	0.18
D29	2415.39	TR 500	78.22	50.01	52.41	51.12	52.44	0.000682	0.83	106.41	75.27	0.18
D29	2380.289	TR 50	47.88	49.99	51.99		52.01	0.000340	0.58	98.62	89.23	0.14
D29	2380.289	TR 100	56.92	49.99	52.13		52.14	0.000352	0.62	110.95	93.88	0.14
D29	2380.289	TR 200	66.06	49.99	52.25		52.27	0.000362	0.65	122.75	97.60	0.15
D29	2380.289	TR 500	78.22	49.99	52.40		52.42	0.000371	0.70	137.51	100.74	0.15
D29	2344.979	TR 50	47.88	49.98	51.96		51.99	0.001166	0.78	62.81	49.41	0.20
D29	2344.979	TR 100	56.92	49.98	52.09		52.12	0.001236	0.85	69.36	51.31	0.21
D29	2344.979	TR 200	66.06	49.98	52.20		52.24	0.001302	0.91	75.55	53.03	0.22
D29	2344.979	TR 500	78.22	49.98	52.35		52.39	0.001383	0.98	83.28	55.11	0.23
D29	2310.399	TR 50	47.88	49.96	51.87		51.92	0.003181	0.98	49.70	43.20	0.28
D29	2310.399	TR 100	56.92	49.96	52.00		52.05	0.003297	1.05	55.19	45.14	0.29
D29	2310.399	TR 200	66.06	49.96	52.11		52.17	0.003313	1.12	60.42	46.98	0.30
D29	2310.399	TR 500	78.22	49.96	52.25		52.32	0.003360	1.21	66.98	49.22	0.31
D29	2275.125	TR 50	47.88	50.02	51.84		51.86	0.000841	0.71	72.49	60.69	0.19
D29	2275.125	TR 100	56.92	50.02	51.96		51.99	0.000895	0.77	80.13	62.91	0.20
D29	2275.125	TR 200	66.06	50.02	52.08		52.11	0.000944	0.83	87.40	64.96	0.20
D29	2275.125	TR 500	78.22	50.02	52.21		52.25	0.001005	0.90	96.44	67.41	0.21
D29	2240.261	TR 50	47.88	49.92	51.79		51.83	0.001240	0.80	60.31	54.00	0.24
D29	2240.261	TR 100	56.92	49.92	51.92		51.95	0.001308	0.86	66.97	56.52	0.24
D29	2240.261	TR 200	66.06	49.92	52.03		52.07	0.001371	0.91	73.39	58.84	0.25
D29	2240.261	TR 500	78.22	49.92	52.16		52.21	0.001453	0.99	81.40	61.61	0.25
D29	2205.567	TR 50	47.88	49.99	51.74		51.78	0.001517	0.83	58.77	54.96	0.24
D29	2205.567	TR 100	56.92	49.99	51.86		51.90	0.001582	0.90	65.39	57.64	0.25
D29	2205.567	TR 200	66.06	49.99	51.97		52.02	0.001643	0.96	71.77	60.12	0.26
D29	2205.567	TR 500	78.22	49.99	52.10		52.15	0.001727	1.04	79.72	63.07	0.27
D29	2169.397	TR 50	47.88	49.99	51.71		51.73	0.000907	0.65	74.13	66.75	0.19
D29	2169.397	TR 100	56.92	49.99	51.83		51.85	0.000968	0.71	82.06	69.18	0.20
D29	2169.397	TR 200	66.06	49.99	51.94		51.97	0.001024	0.76	89.62	71.34	0.20
D29	2169.397	TR 500	78.22	49.99	52.06		52.10	0.001097	0.82	98.93	73.91	0.21
D29	2135.551	TR 50	47.88	49.95	51.68		51.70	0.000905	0.66	74.52	69.84	0.19
D29	2135.551	TR 100	56.92	49.95	51.79		51.82	0.000964	0.72	82.68	72.75	0.20
D29	2135.551	TR 200	66.06	49.95	51.90		51.93	0.001017	0.77	90.51	75.43	0.20
D29	2135.551	TR 500	78.22	49.95	52.03		52.06	0.001086	0.84	100.19	78.62	0.21
D29	2100.157	TR 50	47.88	49.99	51.66		51.67	0.000635	0.55	86.74	80.57	0.17
D29	2100.157	TR 100	56.92	49.99	51.77		51.79	0.000671	0.60	96.09	83.74	0.17
D29	2100.157	TR 200	66.06	49.99	51.88		51.90	0.000704	0.64	105.05	86.67	0.18
D29	2100.157	TR 500	78.22	49.99	52.00		52.03	0.000748	0.69	116.08	90.15	0.18
D29	2065.265	TR 50	47.88	49.98	51.64		51.65	0.000504	0.50	98.08	93.07	0.14
D29	2065.265	TR 100	56.92	49.98	51.75		51.77	0.000524	0.54	108.85	97.03	0.15
D29	2065.265	TR 200	66.06	49.98	51.86		51.88	0.000541	0.57	119.20	100.54	0.15
D29	2065.265	TR 500	78.22	49.98	51.98		52.00	0.000566	0.62	131.92	104.12	0.16
D29	2029.996	TR 50	47.88	50.01	51.63		51.64	0.000360	0.45	109.84	95.41	0.13
D29	2029.996	TR 100	56.92	50.01	51.74		51.75	0.000383	0.49	120.75	98.40	0.13
D29	2029.996	TR 200	66.06	50.01	51.84		51.86	0.000403	0.52	131.16	101.53	0.14
D29	2029.996	TR 500	78.22	50.01	51.97		51.98	0.000430	0.57	143.92	105.24	0.14
D29	1995	TR 50	47.88	50.02	51.61		51.62	0.000608	0.51	97.85	97.36	0.15
D29	1995	TR 100	56.92	50.02	51.72		51.73	0.000628	0.55	108.98	102.07	0.15
D29	1995	TR 200	66.06	50.02	51.82		51.84	0.000645	0.59	119.74	106.27	0.16
D29	1995	TR 500	78.22	50.02	51.95		51.97	0.000669	0.63	133.03	110.88	0.16
D29	1974.325	TR 50	47.88	49.97	51.58		51.60	0.000986	0.71	80.86	88.28	0.19
D29	1974.325	TR 100	56.92	49.97	51.69		51.72	0.001017	0.75	90.82	92.61	0.20
D29	1974.325	TR 200	66.06	49.97	51.79		51.82	0.001043	0.80	100.48	96.81	0.20
D29	1974.325	TR 500	78.22	49.97	51.92		51.95	0.001081	0.85	112.45	101.77	0.21
D29	1959.774	TR 50	47.88	49.98	51.55		51.58	0.001826	0.84	62.04	69.66	0.24
D29	1959.774	TR 100	56.92	49.98	51.66		51.70	0.001874	0.89	69.77	73.43	0.25
D29	1959.774	TR 200	66.06	49.98	51.76		51.80	0.001910	0.95	77.29	77.09	0.25
D29	1959.774	TR 500	78.22	49.98	51.88		51.92	0.001967	1.01	86.65	81.62	0.26
D29	1925.339	TR 50	47.88	49.96	51.51		51.53	0.001187	0.74	67.14	65.20	0.21
D29	1925.339	TR 100	56.92	49.96	51.61		51.64	0.001255	0.80	74.15	67.59	0.22
D29	1925.339	TR 200	66.06	49.96	51.71		51.75	0.001313	0.86	80.88	69.81	0.23
D29	1925.339	TR 500	78.22	49.96	51.82		51.87	0.001397	0.93	89.05	72.84	0.24
D29	1889.949	TR 50	47.88	49.96	51.47		51.50	0.000869	0.71	70.88	76.30	0.21
D29	1889.949	TR 100	56.92	49.96	51.58		51.60	0.000895	0.77	79.01	78.87	0.22
D29	1889.949	TR 200	66.06	49.96	51.67		51.71	0.000918	0.82	86.81	81.34	0.22

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
D29	1889.949	TR 500	78.22	49.96	51.79		51.82	0.000954	0.88	96.24	84.08	0.23
D29	1854.357	TR 50	47.88	49.98	51.41		51.45	0.001599	0.88	54.87	58.53	0.28
D29	1854.357	TR 100	56.92	49.98	51.51		51.56	0.001650	0.95	60.86	60.57	0.29
D29	1854.357	TR 200	66.06	49.98	51.61		51.66	0.001694	1.02	66.60	62.45	0.30
D29	1854.357	TR 500	78.22	49.98	51.72		51.78	0.001772	1.10	73.45	64.63	0.31
D29	1820.194	TR 50	47.88	49.99	51.31		51.37	0.003651	1.14	42.34	49.47	0.38
D29	1820.194	TR 100	56.92	49.99	51.40		51.48	0.003710	1.22	47.14	52.05	0.39
D29	1820.194	TR 200	66.06	49.99	51.49		51.57	0.003763	1.30	51.81	54.45	0.40
D29	1820.194	TR 500	78.22	49.99	51.59		51.69	0.003923	1.40	57.30	57.14	0.41
D29	1785.267	TR 50	47.88	49.92	51.07		51.18	0.008948	1.46	32.77	45.97	0.55
D29	1785.267	TR 100	56.92	49.92	51.16		51.28	0.009051	1.54	37.00	48.32	0.56
D29	1785.267	TR 200	66.06	49.92	51.24	50.93	51.38	0.009022	1.60	41.24	50.56	0.57
D29	1785.267	TR 500	78.22	49.92	51.33	51.01	51.48	0.009000	1.71	45.82	52.51	0.57
D29	1749.759	TR 50	47.88	49.75	50.67		50.82	0.011092	1.74	27.53	57.55	0.80
D29	1749.759	TR 100	56.92	49.75	50.70	50.65	50.89	0.013057	1.94	29.39	59.12	0.88
D29	1749.759	TR 200	66.06	49.75	50.72	50.70	50.96	0.015192	2.13	30.97	60.41	0.95
D29	1749.759	TR 500	78.22	49.75	50.77	50.77	51.04	0.016886	2.32	33.67	62.56	1.01
D29	1715.083	TR 50	47.88	49.58	50.55		50.59	0.003483	1.26	54.47	148.13	0.46
D29	1715.083	TR 100	56.92	49.58	50.61		50.65	0.003113	1.25	63.61	152.44	0.44
D29	1715.083	TR 200	66.06	49.58	50.67		50.71	0.002731	1.23	73.41	156.32	0.42
D29	1715.083	TR 500	78.22	49.58	50.76	50.51	50.80	0.002304	1.20	86.97	161.73	0.39
D29	1679.781	TR 50	47.88	49.41	50.45		50.49	0.002515	1.10	62.27	152.80	0.40
D29	1679.781	TR 100	56.92	49.41	50.53		50.56	0.002125	1.07	73.98	159.96	0.38
D29	1679.781	TR 200	66.06	49.41	50.60		50.64	0.001813	1.05	86.41	168.50	0.35
D29	1679.781	TR 500	78.22	49.41	50.70		50.73	0.001477	1.02	103.35	175.36	0.32
D29	1645.061	TR 50	47.88	49.24	50.39		50.42	0.001593	1.00	76.39	191.36	0.35
D29	1645.061	TR 100	56.92	49.24	50.48		50.50	0.001216	0.94	94.09	200.09	0.31
D29	1645.061	TR 200	66.06	49.24	50.57		50.59	0.000979	0.89	111.43	205.55	0.28
D29	1645.061	TR 500	78.22	49.24	50.68		50.69	0.000788	0.85	133.76	212.38	0.26
D29	1609.867	TR 50	75.88	49.02	50.36		50.38	0.000854	0.79	134.04	213.02	0.24
D29	1609.867	TR 100	90.34	49.02	50.45		50.47	0.000787	0.80	154.02	218.24	0.23
D29	1609.867	TR 200	104.93	49.02	50.54		50.56	0.000738	0.81	173.54	228.80	0.23
D29	1609.867	TR 500	124.37	49.02	50.65		50.67	0.000692	0.83	198.94	241.54	0.22
D29	1574.665	TR 50	75.88	48.79	50.20	49.98	50.31	0.004297	1.88	60.14	103.79	0.54
D29	1574.665	TR 100	90.34	48.79	50.30	50.05	50.41	0.003977	1.91	70.66	110.67	0.53
D29	1574.665	TR 200	104.93	48.79	50.39	50.12	50.50	0.003727	1.93	81.05	117.05	0.52
D29	1574.665	TR 500	124.37	48.79	50.50	50.22	50.61	0.003484	1.96	94.41	124.61	0.51
D29	1539.219	TR 50	75.88	48.62	49.88	49.76	50.09	0.008608	2.10	39.96	64.59	0.72
D29	1539.219	TR 100	90.34	48.62	49.96	49.86	50.19	0.008696	2.24	45.26	68.54	0.74
D29	1539.219	TR 200	104.93	48.62	50.03	49.93	50.29	0.008779	2.36	50.41	72.35	0.75
D29	1539.219	TR 500	124.37	48.62	50.12	50.02	50.41	0.008854	2.51	57.02	76.64	0.76
D29	1505.729	TR 50	75.88	48.48	49.60		49.79	0.008866	2.02	40.41	66.51	0.72
D29	1505.729	TR 100	90.34	48.48	49.67		49.90	0.009042	2.17	45.48	70.33	0.74
D29	1505.729	TR 200	104.93	48.48	49.74		49.99	0.009166	2.30	50.43	73.79	0.76
D29	1505.729	TR 500	124.37	48.48	49.82	49.73	50.10	0.009253	2.44	56.90	78.07	0.77
D29	1469.89	TR 50	75.88	48.32	49.41		49.54	0.005077	1.67	51.82	80.85	0.56
D29	1469.89	TR 100	90.34	48.32	49.50		49.63	0.005020	1.76	58.77	84.98	0.56
D29	1469.89	TR 200	104.93	48.32	49.57		49.72	0.004970	1.84	65.56	88.69	0.57
D29	1469.89	TR 500	124.37	48.32	49.67		49.83	0.004929	1.94	74.24	93.18	0.57
D29	1434.629	TR 50	75.88	48.15	49.27		49.37	0.004017	1.39	58.19	87.89	0.49
D29	1434.629	TR 100	90.34	48.15	49.36		49.47	0.003955	1.48	66.02	92.43	0.49
D29	1434.629	TR 200	104.93	48.15	49.44		49.56	0.003921	1.56	73.64	97.44	0.50
D29	1434.629	TR 500	124.37	48.15	49.54		49.67	0.003885	1.65	83.49	103.68	0.50
D29	1399.876	TR 50	75.88	47.96	49.03		49.19	0.006504	1.91	46.89	75.27	0.63
D29	1399.876	TR 100	90.34	47.96	49.11		49.28	0.006530	2.02	53.19	79.38	0.65
D29	1399.876	TR 200	104.93	47.96	49.19		49.37	0.006541	2.13	59.33	83.18	0.65
D29	1399.876	TR 500	124.37	47.96	49.28		49.49	0.006526	2.24	67.28	87.76	0.66
D29	1365.161	TR 50	75.88	47.77	48.75		48.93	0.008644	1.86	42.58	72.38	0.70
D29	1365.161	TR 100	90.34	47.77	48.82		49.02	0.008882	2.00	47.57	75.65	0.72
D29	1365.161	TR 200	104.93	47.77	48.88		49.11	0.009066	2.13	52.43	78.69	0.74
D29	1365.161	TR 500	124.37	47.77	48.96		49.21	0.009278	2.28	58.60	82.40	0.76
D29	1330.651	TR 50	75.88	47.54	48.50		48.64	0.007426	1.62	47.57	81.21	0.64
D29	1330.651	TR 100	90.34	47.54	48.57		48.72	0.007459	1.73	53.27	84.97	0.65
D29	1330.651	TR 200	104.93	47.54	48.64		48.81	0.007492	1.84	58.79	88.37	0.66
D29	1330.651	TR 500	124.37	47.54	48.71		48.91	0.007536	1.96	65.85	92.41	0.68
D29	1294.962	TR 50	75.88	47.30	48.32		48.41	0.004961	1.34	56.82	90.72	0.53

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
D29	1294.962	TR 100	90.34	47.30	48.39		48.50	0.004975	1.44	63.48	95.18	0.54
D29	1294.962	TR 200	104.93	47.30	48.46		48.57	0.005003	1.53	69.93	99.23	0.54
D29	1294.962	TR 500	124.37	47.30	48.54		48.67	0.005046	1.64	78.13	103.90	0.56
D29	1260.336	TR 50	75.88	47.14	48.09		48.21	0.006468	1.56	51.23	92.81	0.60
D29	1260.336	TR 100	90.34	47.14	48.16		48.30	0.006515	1.67	57.67	97.27	0.61
D29	1260.336	TR 200	104.93	47.14	48.22		48.37	0.006556	1.76	63.92	101.41	0.62
D29	1260.336	TR 500	124.37	47.14	48.30		48.47	0.006590	1.88	71.94	106.49	0.64
D29	1225.337	TR 50	75.88	46.93	47.84		47.97	0.007405	1.61	48.98	92.25	0.64
D29	1225.337	TR 100	90.34	46.93	47.91		48.06	0.007237	1.71	55.72	96.99	0.64
D29	1225.337	TR 200	104.93	46.93	47.98		48.13	0.007094	1.79	62.27	100.81	0.65
D29	1225.337	TR 500	124.37	46.93	48.06		48.23	0.006944	1.90	70.67	105.49	0.65
D29	1190.073	TR 50	75.88	46.65	47.61		47.73	0.005993	1.66	51.30	88.77	0.59
D29	1190.073	TR 100	90.34	46.65	47.68		47.82	0.006048	1.76	57.85	92.47	0.61
D29	1190.073	TR 200	104.93	46.65	47.75		47.90	0.006094	1.86	64.17	95.91	0.62
D29	1190.073	TR 500	124.37	46.65	47.83		48.00	0.006169	1.98	72.11	100.05	0.63
D29	1154.99	TR 50	75.88	46.41	47.46		47.54	0.004618	1.26	60.22	94.41	0.50
D29	1154.99	TR 100	90.34	46.41	47.53		47.62	0.004637	1.34	67.34	98.13	0.51
D29	1154.99	TR 200	104.93	46.41	47.60		47.70	0.004685	1.42	74.09	101.31	0.52
D29	1154.99	TR 500	124.37	46.41	47.68		47.79	0.004807	1.52	82.32	105.07	0.54
D29	1119.726	TR 50	75.88	46.24	47.30		47.37	0.004528	1.21	62.82	103.20	0.49
D29	1119.726	TR 100	90.34	46.24	47.37		47.46	0.004595	1.28	70.58	107.51	0.50
D29	1119.726	TR 200	104.93	46.24	47.44		47.53	0.004708	1.35	77.73	111.33	0.52
D29	1119.726	TR 500	124.37	46.24	47.51		47.62	0.004878	1.44	86.34	115.17	0.53
D29	1085.009	TR 50	75.88	46.09	47.13		47.21	0.004985	1.22	61.95	107.13	0.51
D29	1085.009	TR 100	90.34	46.09	47.20		47.29	0.005103	1.30	69.65	112.53	0.53
D29	1085.009	TR 200	104.93	46.09	47.26		47.36	0.005229	1.37	76.58	116.16	0.54
D29	1085.009	TR 500	124.37	46.09	47.33		47.44	0.005334	1.47	84.81	120.21	0.55
D29	1052.927	TR 50	75.88	45.99	46.97	46.72	47.05	0.005211	1.22	62.35	112.57	0.52
D29	1052.927	TR 100	90.34	45.99	47.03	46.78	47.12	0.005521	1.30	69.60	119.17	0.54
D29	1052.927	TR 200	104.93	45.99	47.09	46.83	47.18	0.005805	1.38	75.97	123.00	0.56
D29	1052.927	TR 500	124.37	45.99	47.14	46.90	47.26	0.006229	1.49	83.40	126.91	0.59
D29	1014.731	TR 50	75.88	45.83	46.51	46.49	46.69	0.019210	1.89	40.12	99.47	0.95
D29	1014.731	TR 100	90.34	45.83	46.58	46.54	46.76	0.017360	1.92	47.10	105.97	0.92
D29	1014.731	TR 200	104.93	45.83	46.65	46.59	46.83	0.015285	1.91	54.92	113.00	0.88
D29	1014.731	TR 500	124.37	45.83	46.74		46.92	0.012676	1.90	65.68	126.47	0.82
D29	980.1777	TR 50	75.88	45.60	46.46		46.49	0.001981	0.72	105.28	201.96	0.32
D29	980.1777	TR 100	90.34	45.60	46.55		46.58	0.001708	0.73	124.04	209.58	0.30
D29	980.1777	TR 200	104.93	45.60	46.64		46.66	0.001520	0.74	142.27	216.06	0.29
D29	980.1777	TR 500	124.37	45.60	46.74		46.77	0.001329	0.75	165.42	226.97	0.28
D29	945.1985	TR 50	75.88	45.35	46.45		46.46	0.000292	0.36	213.70	282.31	0.13
D29	945.1985	TR 100	90.34	45.35	46.54		46.55	0.000293	0.38	240.02	291.19	0.13
D29	945.1985	TR 200	104.93	45.35	46.63		46.64	0.000294	0.40	265.50	299.53	0.13
D29	945.1985	TR 500	124.37	45.35	46.74		46.75	0.000294	0.42	297.64	309.11	0.14
D29	909.8828	TR 50	75.88	45.27	46.40	45.92	46.44	0.001600	0.82	93.17	133.61	0.30
D29	909.8828	TR 100	90.34	45.27	46.49	45.97	46.53	0.001595	0.87	105.26	140.50	0.31
D29	909.8828	TR 200	104.93	45.27	46.57	46.03	46.61	0.001578	0.91	117.20	146.61	0.31
D29	909.8828	TR 500	124.37	45.27	46.67	46.09	46.72	0.001553	0.96	132.45	154.04	0.31
D29	874.459	TR 50	75.88	45.23	46.30		46.36	0.002918	1.12	69.47	104.27	0.41
D29	874.459	TR 100	90.34	45.23	46.38		46.45	0.002853	1.19	78.57	109.68	0.41
D29	874.459	TR 200	104.93	45.23	46.46		46.54	0.002786	1.25	87.66	114.92	0.42
D29	874.459	TR 500	124.37	45.23	46.56		46.65	0.002718	1.32	99.29	120.35	0.42
D29	840.6713	TR 50	75.88	45.13	46.19		46.26	0.002900	1.22	66.65	97.30	0.42
D29	840.6713	TR 100	90.34	45.13	46.27		46.35	0.002923	1.30	74.99	101.40	0.43
D29	840.6713	TR 200	104.93	45.13	46.35		46.44	0.002910	1.37	83.35	105.36	0.43
D29	840.6713	TR 500	124.37	45.13	46.45		46.55	0.002910	1.46	93.89	110.15	0.44
D29	805.2509	TR 50	75.88	45.07	45.89		46.07	0.010303	1.95	42.18	81.93	0.76
D29	805.2509	TR 100	90.34	45.07	45.93	45.88	46.15	0.011751	2.17	45.55	84.41	0.82
D29	805.2509	TR 200	104.93	45.07	45.96	45.94	46.23	0.013281	2.38	48.50	86.52	0.88
D29	805.2509	TR 500	124.37	45.07	46.02	46.02	46.33	0.014351	2.59	53.25	89.82	0.92
D29	770.5971	TR 50	75.88	45.02	45.63	45.56	45.71	0.008872	1.53	62.73	181.40	0.68
D29	770.5971	TR 100	90.34	45.02	45.67	45.59	45.76	0.008874	1.61	70.36	184.78	0.68
D29	770.5971	TR 200	104.93	45.02	45.71	45.62	45.81	0.008836	1.69	77.77	188.00	0.69
D29	770.5971	TR 500	124.37	45.02	45.76	45.66	45.87	0.008898	1.78	86.79	191.85	0.70
D29	735.4616	TR 50	75.88	44.77	45.18	45.14	45.30	0.015314	1.58	50.42	153.25	0.83
D29	735.4616	TR 100	90.34	44.77	45.23	45.19	45.36	0.014813	1.68	57.87	163.02	0.84
D29	735.4616	TR 200	104.93	44.77	45.27	45.23	45.41	0.014587	1.78	64.59	169.99	0.84
D29	735.4616	TR 500	124.37	44.77	45.32	45.28	45.48	0.014100	1.88	73.67	178.98	0.85

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
D29	699.9912	TR 50	75.88	44.02	44.77		44.87	0.009435	1.44	52.94	118.67	0.68
D29	699.9912	TR 100	90.34	44.02	44.83		44.95	0.009133	1.50	60.26	125.47	0.68
D29	699.9912	TR 200	104.93	44.02	44.88		45.01	0.008769	1.58	67.10	132.07	0.68
D29	699.9912	TR 500	124.37	44.02	44.95		45.09	0.008417	1.66	76.00	140.21	0.68
D29	665.4641	TR 50	75.88	43.71	44.53		44.63	0.005498	1.41	59.57	124.31	0.55
D29	665.4641	TR 100	90.34	43.71	44.59		44.70	0.005556	1.51	67.39	131.19	0.56
D29	665.4641	TR 200	104.93	43.71	44.65		44.77	0.005573	1.59	75.15	138.11	0.57
D29	665.4641	TR 500	124.37	43.71	44.72		44.85	0.005554	1.68	85.36	146.96	0.58
D29	630.2587	TR 50	75.88	43.54	44.41		44.47	0.003329	1.10	76.86	165.45	0.43
D29	630.2587	TR 100	90.34	43.54	44.48		44.54	0.003269	1.16	88.20	177.63	0.43
D29	630.2587	TR 200	104.93	43.54	44.54		44.61	0.003226	1.22	99.62	194.45	0.44
D29	630.2587	TR 500	124.37	43.54	44.62		44.69	0.003161	1.28	116.26	232.61	0.44
D29	595.5638	TR 50	75.88	43.40	44.34		44.37	0.002092	0.85	96.10	197.07	0.34
D29	595.5638	TR 100	90.34	43.40	44.41		44.44	0.002007	0.89	110.34	206.97	0.34
D29	595.5638	TR 200	104.93	43.40	44.47		44.51	0.001939	0.93	124.28	216.91	0.34
D29	595.5638	TR 500	124.37	43.40	44.55		44.60	0.001860	0.97	142.66	230.85	0.34
D29	560.2682	TR 50	75.88	43.30	44.25	43.94	44.29	0.002749	0.86	88.56	173.89	0.38
D29	560.2682	TR 100	90.34	43.30	44.32	43.99	44.36	0.002568	0.89	102.06	185.20	0.37
D29	560.2682	TR 200	104.93	43.30	44.39	44.03	44.44	0.002364	0.92	115.44	194.63	0.36
D29	560.2682	TR 500	124.37	43.30	44.48	44.08	44.53	0.002177	0.96	132.71	205.07	0.35
D29	525.1718	TR 50	75.88	43.17	44.18	43.81	44.21	0.001631	0.78	104.25	192.91	0.30
D29	525.1718	TR 100	90.34	43.17	44.26	43.86	44.29	0.001525	0.81	120.06	200.49	0.30
D29	525.1718	TR 200	104.93	43.17	44.34	43.90	44.37	0.001445	0.84	135.41	207.71	0.29
D29	525.1718	TR 500	124.37	43.17	44.43	43.95	44.46	0.001381	0.88	154.68	217.71	0.29
D29	489.9515	TR 50	75.88	42.99	44.09	43.75	44.14	0.002381	1.02	81.38	143.37	0.37
D29	489.9515	TR 100	90.34	42.99	44.17	43.81	44.23	0.002301	1.07	93.40	151.89	0.37
D29	489.9515	TR 200	104.93	42.99	44.25	43.86	44.31	0.002229	1.12	105.24	159.10	0.37
D29	489.9515	TR 500	124.37	42.99	44.34	43.92	44.40	0.002178	1.18	119.92	167.20	0.37
D29	455.7256	TR 50	75.88	42.81	43.99	43.67	44.05	0.002545	1.20	76.06	123.93	0.40
D29	455.7256	TR 100	90.34	42.81	44.08	43.73	44.14	0.002548	1.27	86.37	130.57	0.40
D29	455.7256	TR 200	104.93	42.81	44.15	43.78	44.22	0.002542	1.33	96.50	136.85	0.41
D29	455.7256	TR 500	124.37	42.81	44.24	43.85	44.32	0.002573	1.41	108.89	144.26	0.42
D29	420.2184	TR 50	75.88	42.66	43.94		43.98	0.001632	1.07	91.85	136.65	0.33
D29	420.2184	TR 100	90.34	42.66	44.02		44.06	0.001676	1.13	103.12	142.39	0.34
D29	420.2184	TR 200	104.93	42.66	44.09		44.14	0.001705	1.19	114.13	147.78	0.34
D29	420.2184	TR 500	124.37	42.66	44.18		44.24	0.001761	1.27	127.30	153.39	0.35
D29	386.0037	TR 50	75.88	42.53	43.86		43.91	0.002387	1.32	84.39	145.87	0.40
D29	386.0037	TR 100	90.34	42.53	43.94		43.99	0.002342	1.37	96.71	154.26	0.40
D29	386.0037	TR 200	104.93	42.53	44.02		44.07	0.002309	1.42	108.99	163.70	0.40
D29	386.0037	TR 500	124.37	42.53	44.11		44.17	0.002275	1.48	125.45	193.39	0.40
D29	350.2639	TR 50	75.88	42.41	43.74		43.81	0.003165	1.51	70.50	115.88	0.46
D29	350.2639	TR 100	90.34	42.41	43.82		43.89	0.003196	1.59	79.90	121.95	0.46
D29	350.2639	TR 200	104.93	42.41	43.89		43.98	0.003189	1.65	89.41	134.56	0.47
D29	350.2639	TR 500	124.37	42.41	43.98		44.07	0.003221	1.74	102.25	159.47	0.48
D29	314.2183	TR 50	75.88	42.27	43.57		43.67	0.004568	1.84	60.80	106.09	0.55
D29	314.2183	TR 100	90.34	42.27	43.65		43.75	0.004663	1.94	68.92	112.68	0.56
D29	314.2183	TR 200	104.93	42.27	43.72		43.83	0.004805	2.05	77.06	121.88	0.58
D29	314.2183	TR 500	124.37	42.27	43.80		43.92	0.004820	2.14	87.49	131.08	0.58
D29	280.7447	TR 50	75.88	42.13	43.33		43.48	0.007297	2.17	50.99	99.29	0.68
D29	280.7447	TR 100	90.34	42.13	43.42		43.56	0.006849	2.22	59.69	106.79	0.67
D29	280.7447	TR 200	104.93	42.13	43.50		43.64	0.006390	2.24	68.71	114.03	0.66
D29	280.7447	TR 500	124.37	42.13	43.60		43.75	0.005767	2.25	80.71	120.52	0.63
D29	245.3063	TR 50	75.88	42.00	43.19		43.28	0.003799	1.54	65.91	116.06	0.49
D29	245.3063	TR 100	90.34	42.00	43.29		43.38	0.003397	1.55	78.22	124.44	0.47
D29	245.3063	TR 200	104.93	42.00	43.39		43.47	0.003103	1.57	90.42	132.22	0.46
D29	245.3063	TR 500	124.37	42.00	43.51		43.59	0.002815	1.59	107.04	155.10	0.44
D29	210.2694	TR 50	75.88	41.90	43.15		43.18	0.001447	0.96	98.15	160.55	0.30
D29	210.2694	TR 100	90.34	41.90	43.26		43.29	0.001307	0.97	117.89	207.37	0.29
D29	210.2694	TR 200	104.93	41.90	43.36		43.40	0.001184	0.98	140.53	236.36	0.28
D29	210.2694	TR 500	124.37	41.90	43.48		43.52	0.001052	0.99	171.80	273.92	0.27
D29	174.7766	TR 50	75.88	41.78	43.15		43.16	0.000231	0.43	210.48	254.00	0.13
D29	174.7766	TR 100	90.34	41.78	43.26		43.27	0.000227	0.46	238.94	263.19	0.13
D29	174.7766	TR 200	104.93	41.78	43.36		43.37	0.000224	0.48	266.11	271.67	0.13
D29	174.7766	TR 500	124.37	41.78	43.48		43.49	0.000223	0.50	300.06	282.48	0.13
D29	139.9235	TR 50	75.88	41.56	43.14		43.15	0.000157	0.40	222.21	230.60	0.11
D29	139.9235	TR 100	90.34	41.56	43.25		43.26	0.000165	0.43	248.18	242.88	0.11

HEC-RAS Plan: Plan 01 River: Trainu_Ispirida Reach: D29 (Continued)

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
D29	139.9235	TR 200	104.93	41.56	43.36		43.36	0.000172	0.46	273.37	253.89	0.11
D29	139.9235	TR 500	124.37	41.56	43.48		43.49	0.000179	0.49	305.02	263.71	0.12
D29	105.0654	TR 50	108.35	41.54	43.11		43.14	0.000765	0.87	151.31	161.61	0.23
D29	105.0654	TR 100	128.28	41.54	43.21		43.25	0.000793	0.93	168.83	168.61	0.24
D29	105.0654	TR 200	148.36	41.54	43.31		43.35	0.000816	0.99	185.66	175.07	0.25
D29	105.0654	TR 500	175.03	41.54	43.43		43.47	0.000846	1.05	206.76	183.30	0.25
D29	69.81279	TR 50	108.35	41.54	43.03		43.09	0.001899	1.35	104.25	125.49	0.37
D29	69.81279	TR 100	128.28	41.54	43.13		43.20	0.001945	1.43	117.33	132.84	0.38
D29	69.81279	TR 200	148.36	41.54	43.22		43.30	0.001977	1.50	130.14	139.66	0.38
D29	69.81279	TR 500	175.03	41.54	43.34		43.42	0.002014	1.59	146.40	147.77	0.39
D29	35.18536	TR 50	108.35	41.54	42.90	42.55	43.01	0.003141	1.60	83.50	108.27	0.46
D29	35.18536	TR 100	128.28	41.54	43.00		43.11	0.003194	1.70	94.11	114.22	0.47
D29	35.18536	TR 200	148.36	41.54	43.09		43.21	0.003222	1.78	104.56	119.78	0.48
D29	35.18536	TR 500	175.03	41.54	43.19		43.33	0.003266	1.89	117.73	126.45	0.49
D29	0.170732	TR 50	108.35	41.52	42.49	42.49	42.79	0.013491	2.62	48.48	82.80	0.90
D29	0.170732	TR 100	128.28	41.52	42.57	42.57	42.89	0.013143	2.75	55.35	87.44	0.91
D29	0.170732	TR 200	148.36	41.52	42.64	42.64	42.99	0.013097	2.88	61.64	91.48	0.92
D29	0.170732	TR 500	175.03	41.52	42.73	42.73	43.11	0.012768	3.01	70.23	96.73	0.92

COMUNE DI SASSARI

Studio di Assetto Idraulico del territorio comunale

Variante al PAI ai sensi dell'art. 374 c.3 delle N.A.

Aggiornamento a seguito di prescrizioni (prot. N. 12928 del 30.12.2020)

Area di indagine: **TERRITORIO COMUNALE**

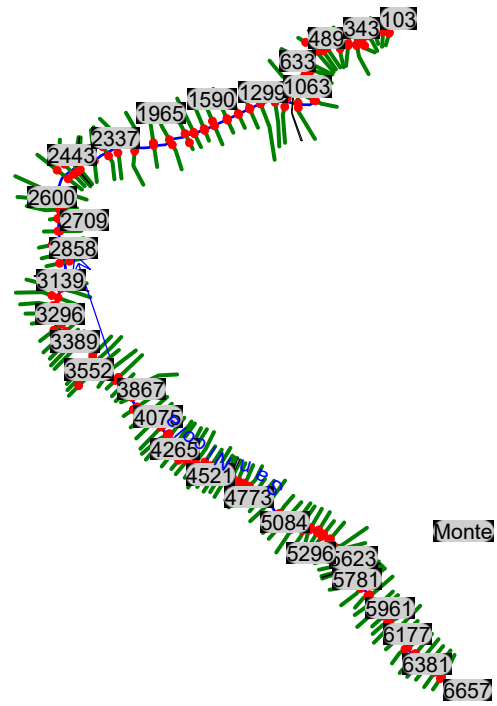
SIMULAZIONI IN MOTO PERMANENTE

Modello 26 : Rio San Nicola

- Schema planimetrico del modello matematico;
- Profili longitudinali con livelli idrici per i tempi di ritorno 50, 100, 200 e 500 anni;
- Sezioni trasversali con livelli idrici per tempi di ritorno 50, 100, 200 e 500 anni;
- Tabulati numerici di output per tempi di ritorno 50, 100, 200 e 500 anni;
- Calcolo della portata critica;
- Profilo longitudinale del livello idrico per il tempo di ritorno critico TC;
- Verifica dei franchi idraulici e della portata critica;

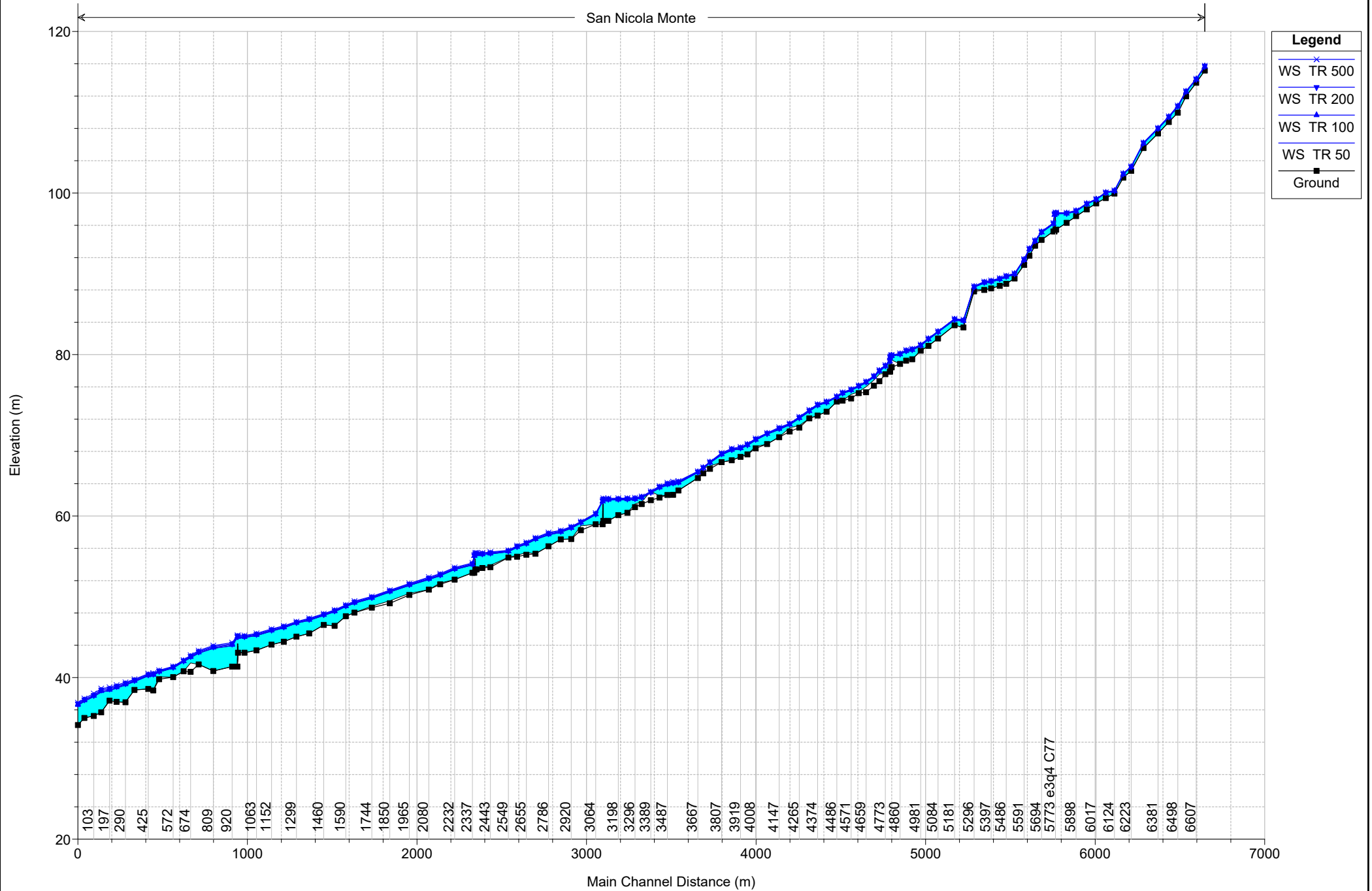
River	Reach	RS	PORTATE mc/s			
			TR 50	TR 100	TR 200	TR 500
San Nicola	Monte	6657	9.926	11.41	12.937	15.112
San Nicola	Monte	5898	18.591	21.977	25.417	30.107
San Nicola	Monte	5027	36.026	42.951	49.968	59.389
San Nicola	Monte	3552	88.679	105.873	123.262	146.46
San Nicola	Monte	920	103.3	123.212	143.335	170.165

River	Reach	PROFILI	condizioni al contorno	
			upstream	downstream
San Nicola	Monte	all	Critical Depth	Critical Depth



san_nicola_ok Plan: Plan 01 2/9/2021

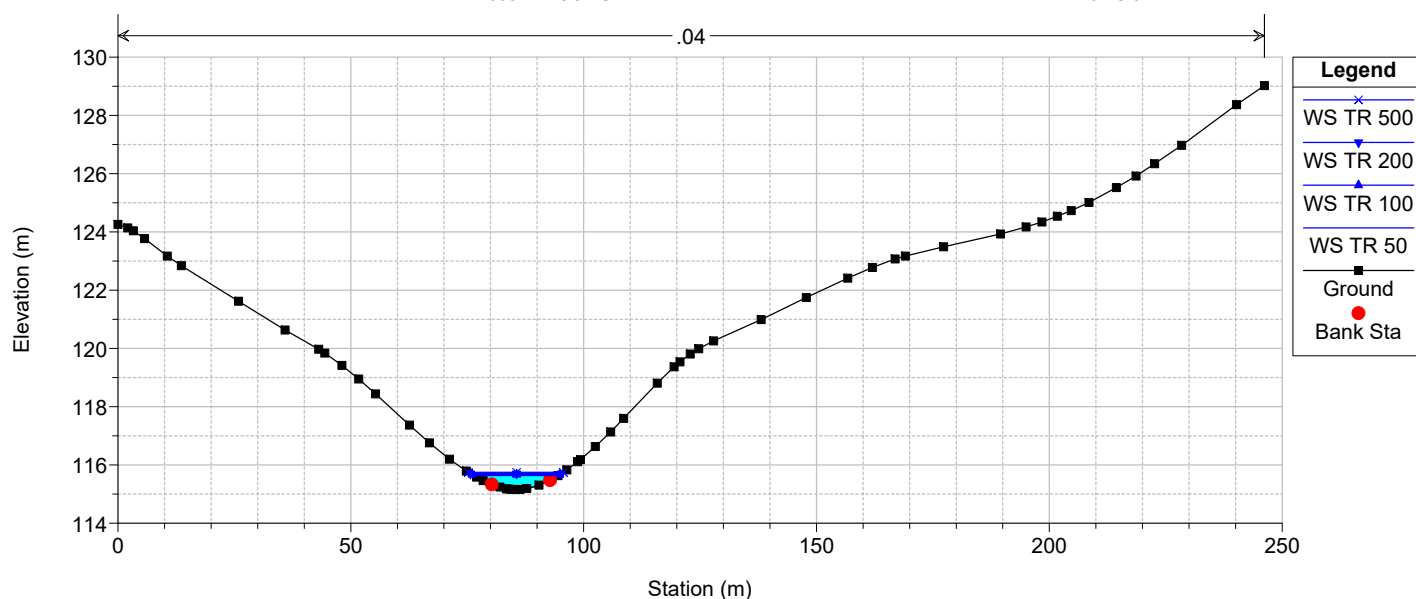
Geom: san_nicola_only Flow: san_nicola_only COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

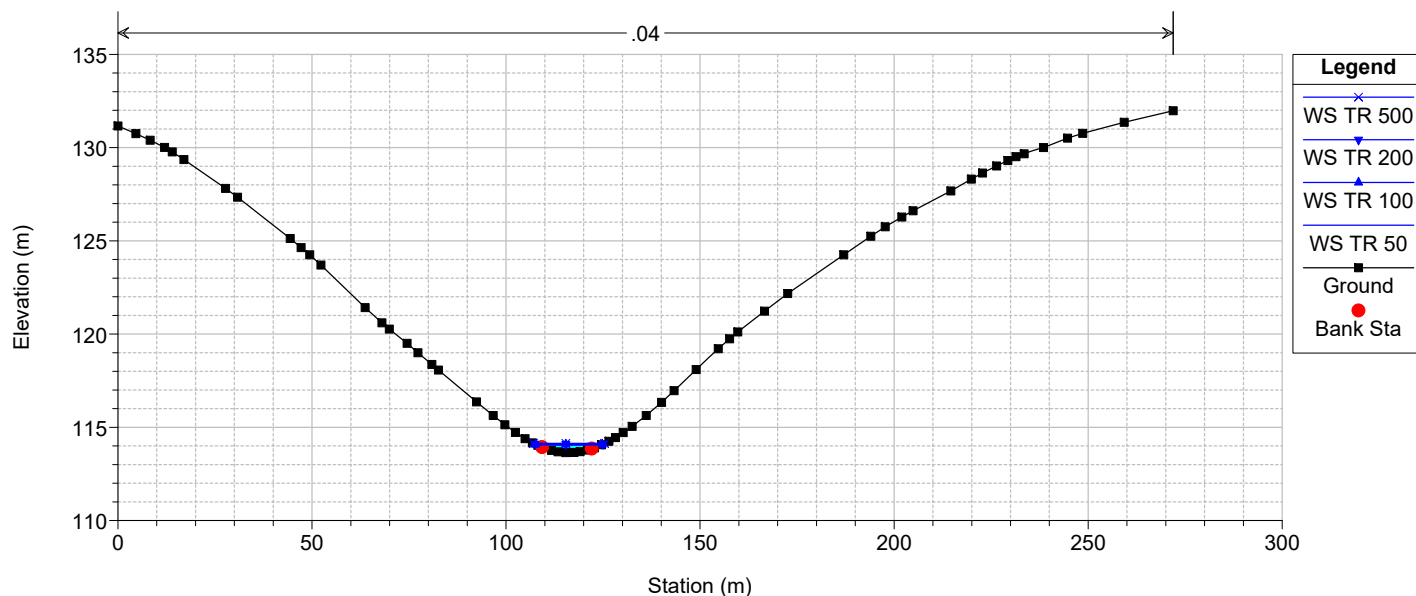
River = San Nicola Reach = Monte RS = 6657 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

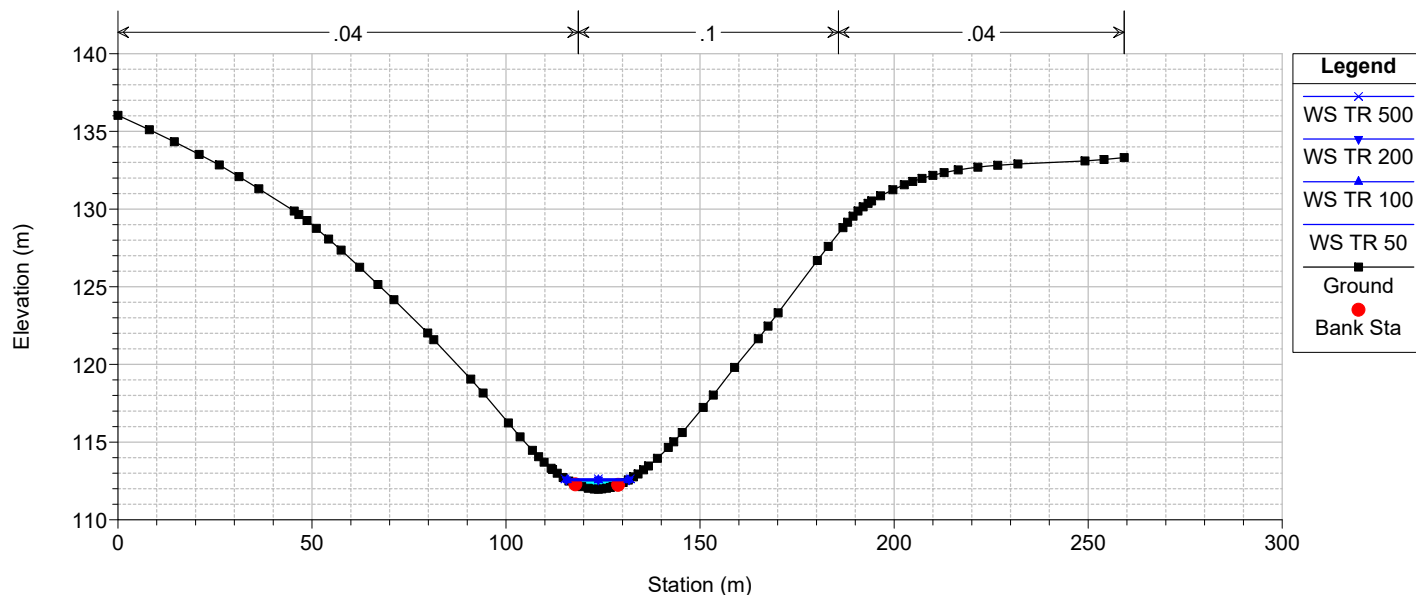
River = San Nicola Reach = Monte RS = 6607 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

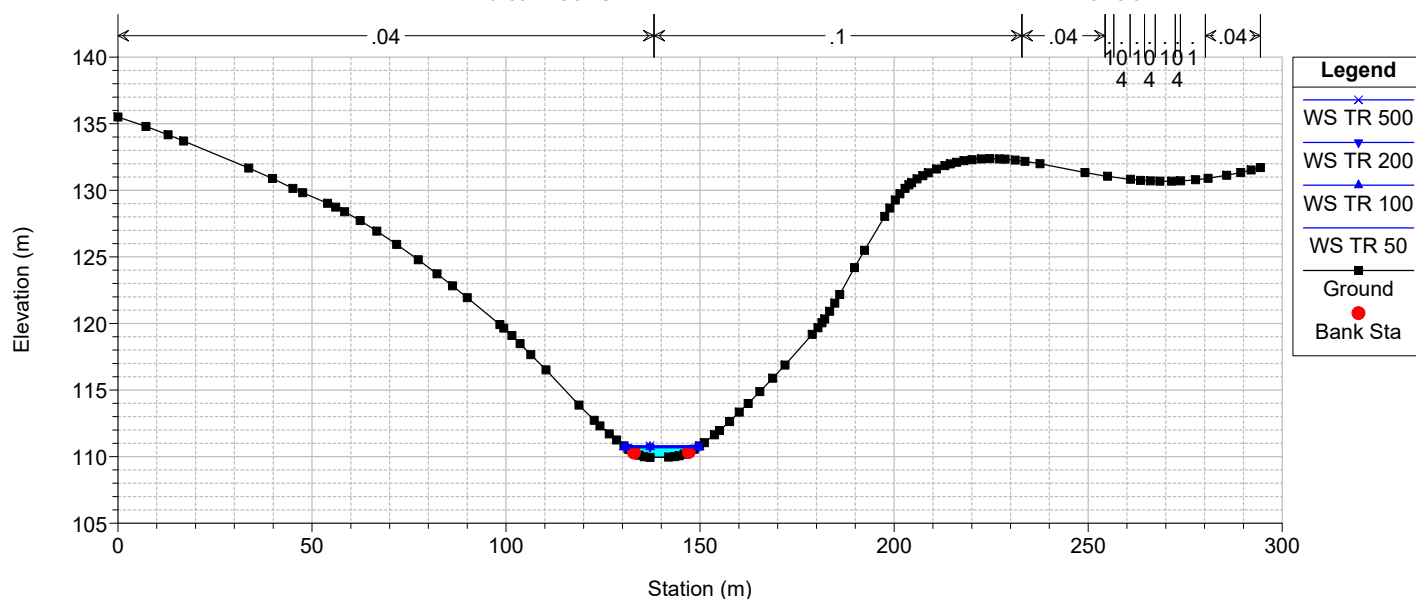
River = San Nicola Reach = Monte RS = 6546 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

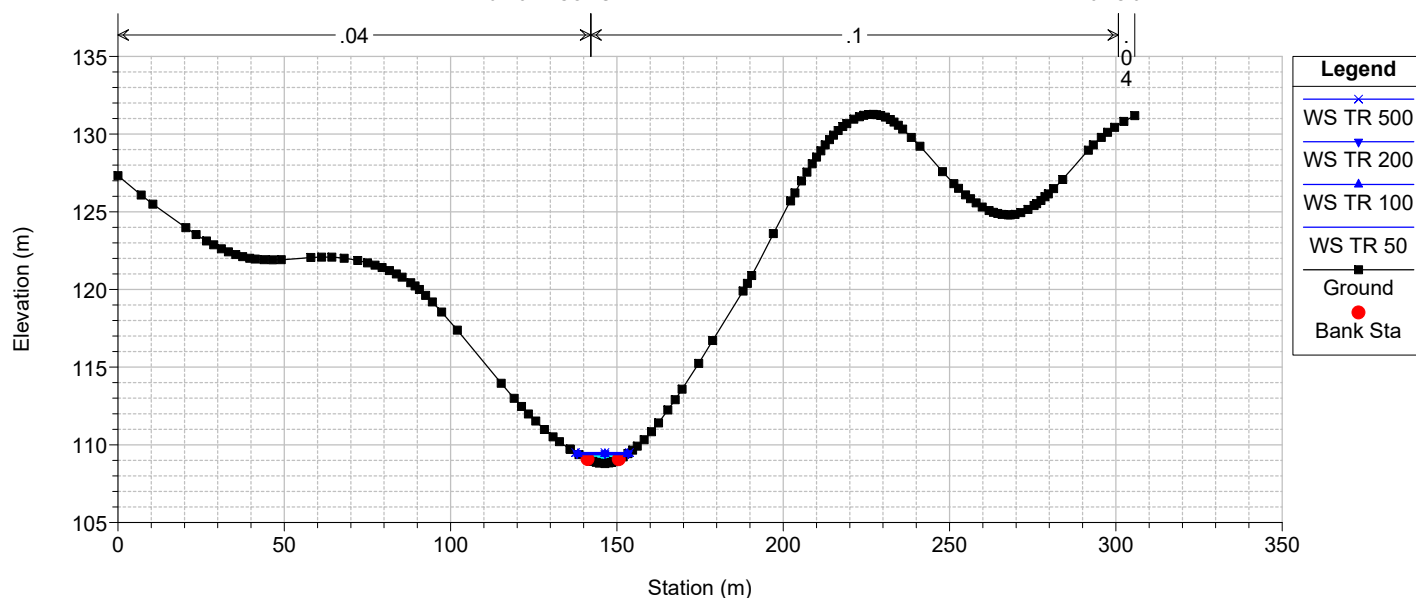
River = San Nicola Reach = Monte RS = 6498 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

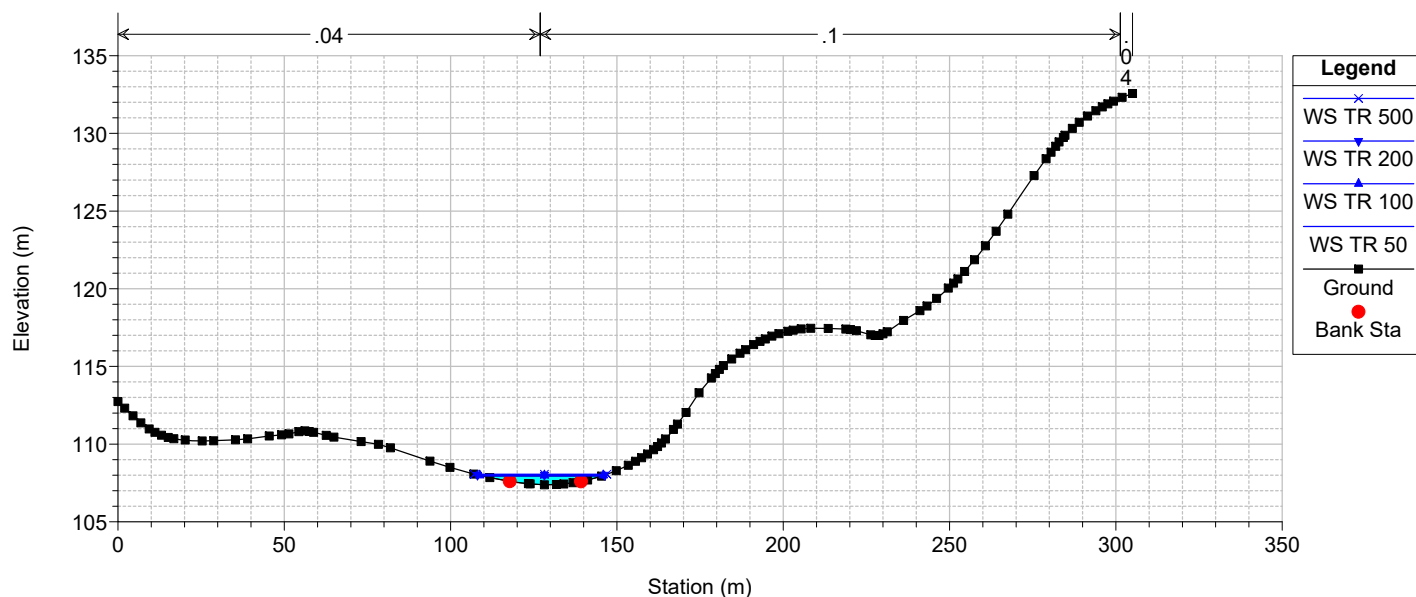
River = San Nicola Reach = Monte RS = 6445 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

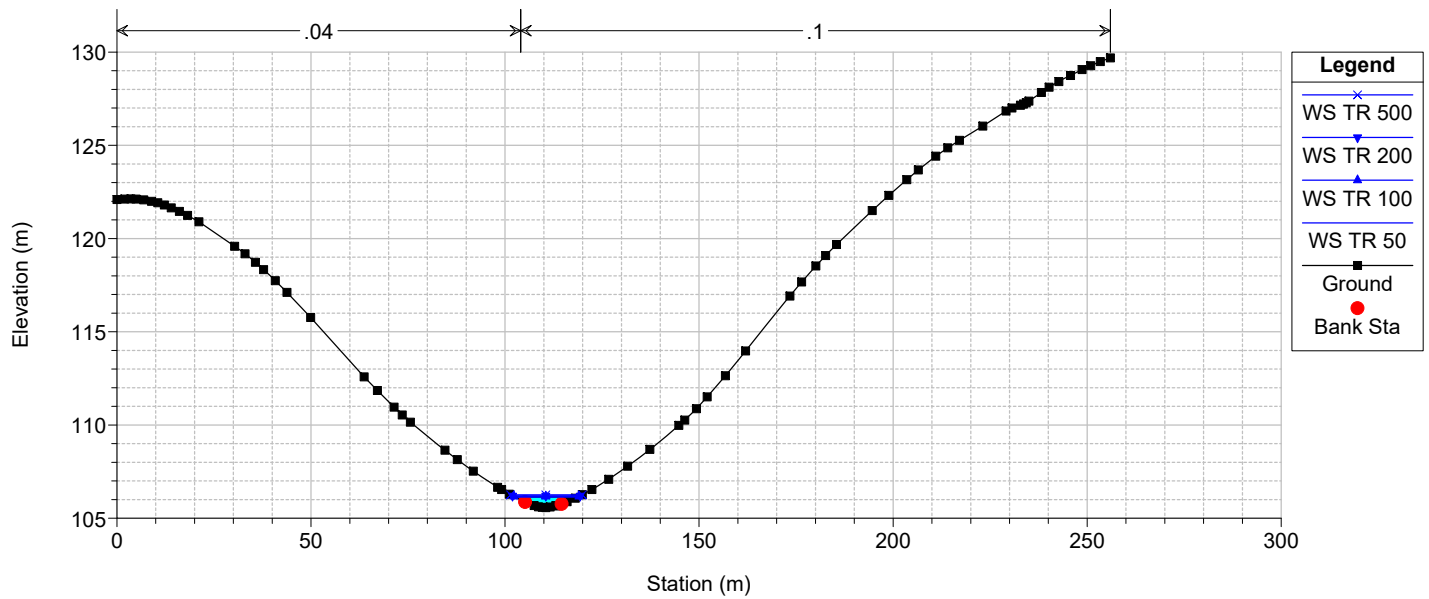
River = San Nicola Reach = Monte RS = 6381 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

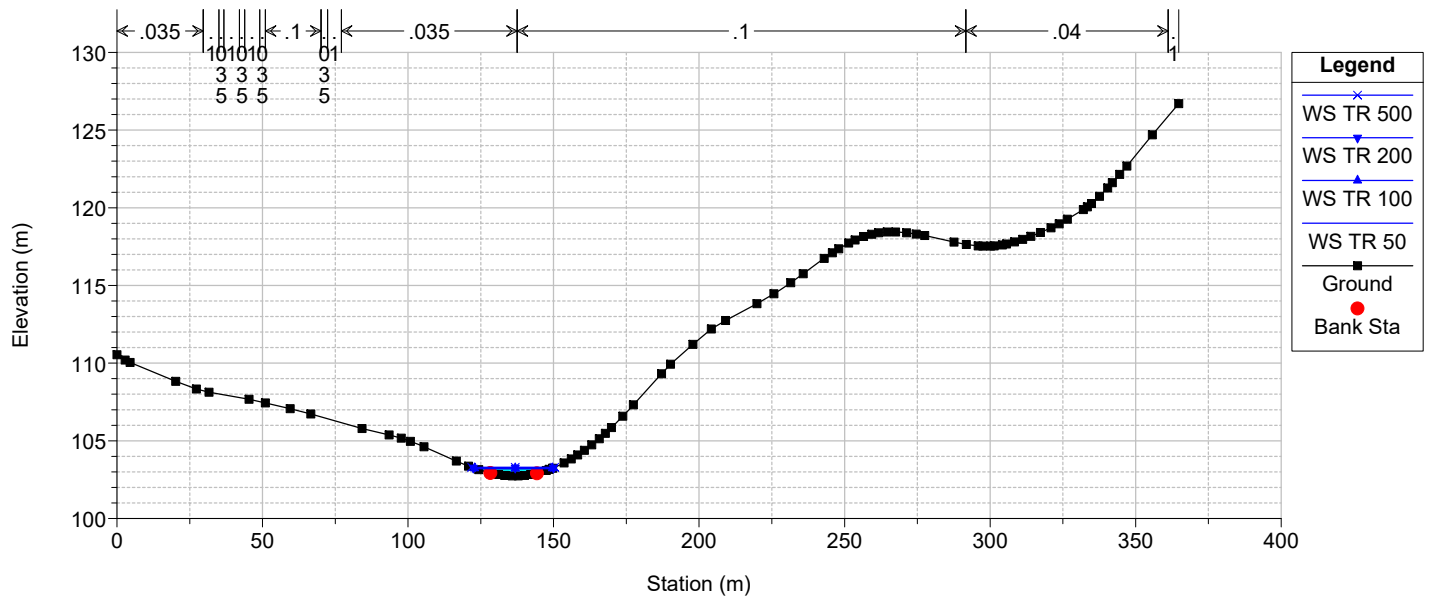
River = San Nicola Reach = Monte RS = 6295 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

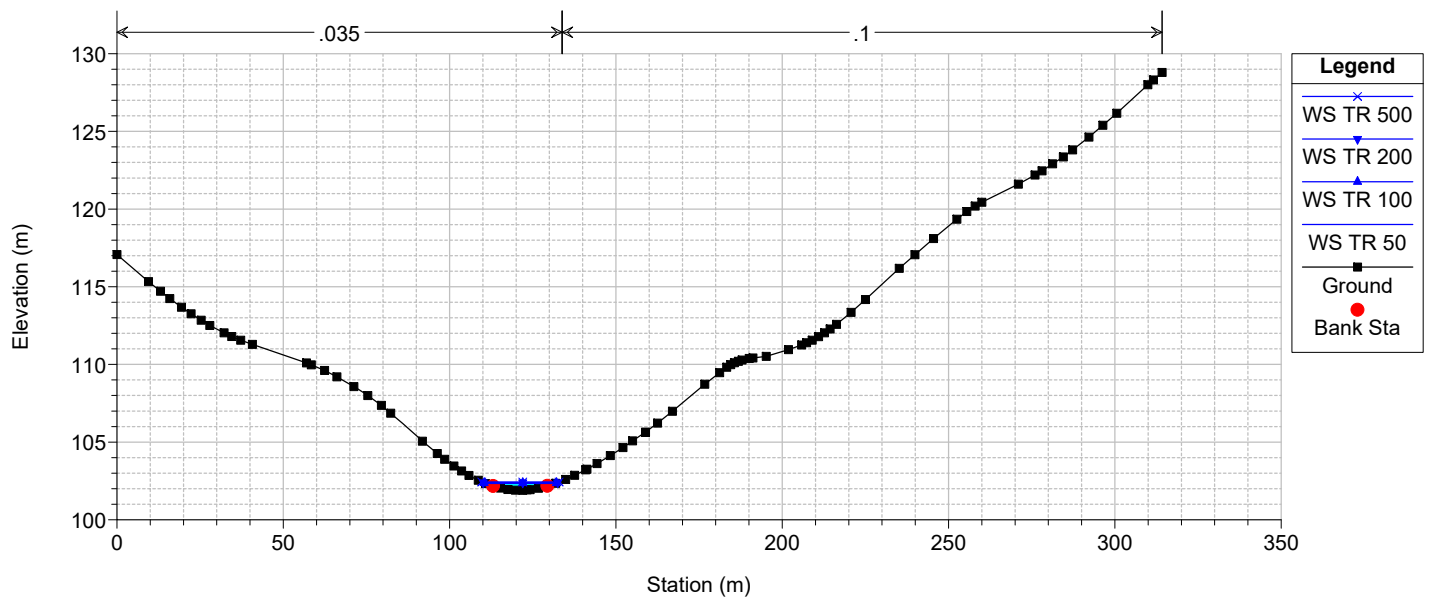
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san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

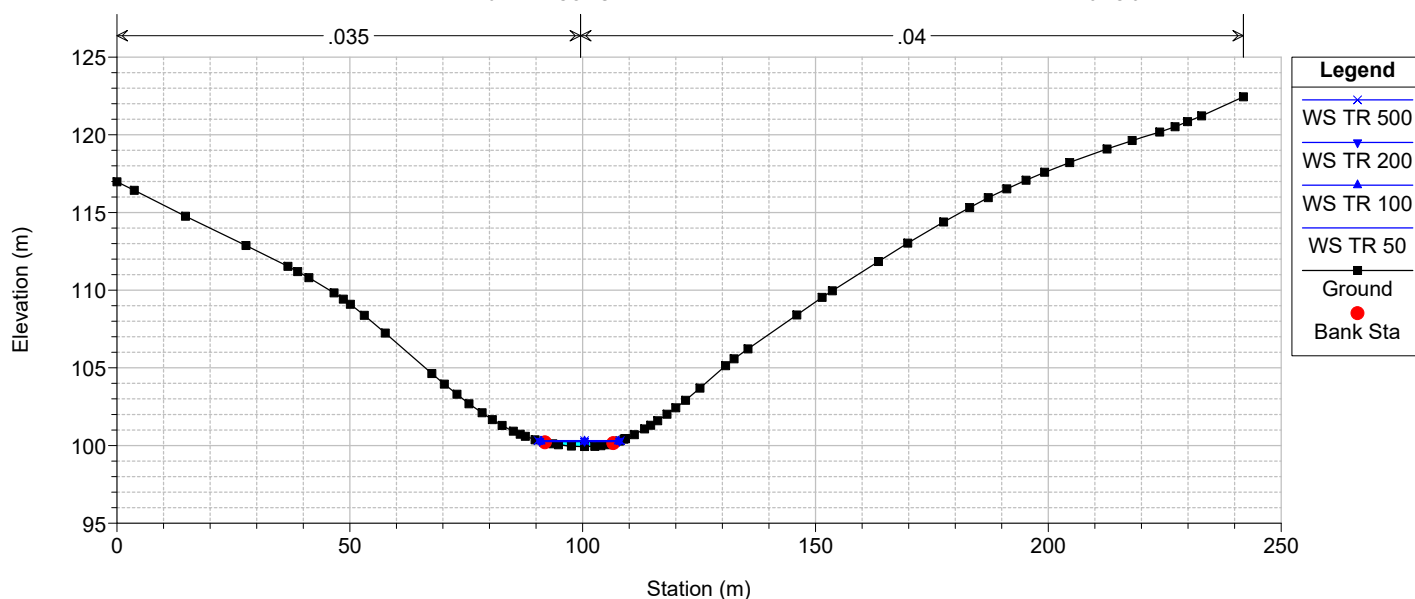
River = San Nicola Reach = Monte RS = 6177 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

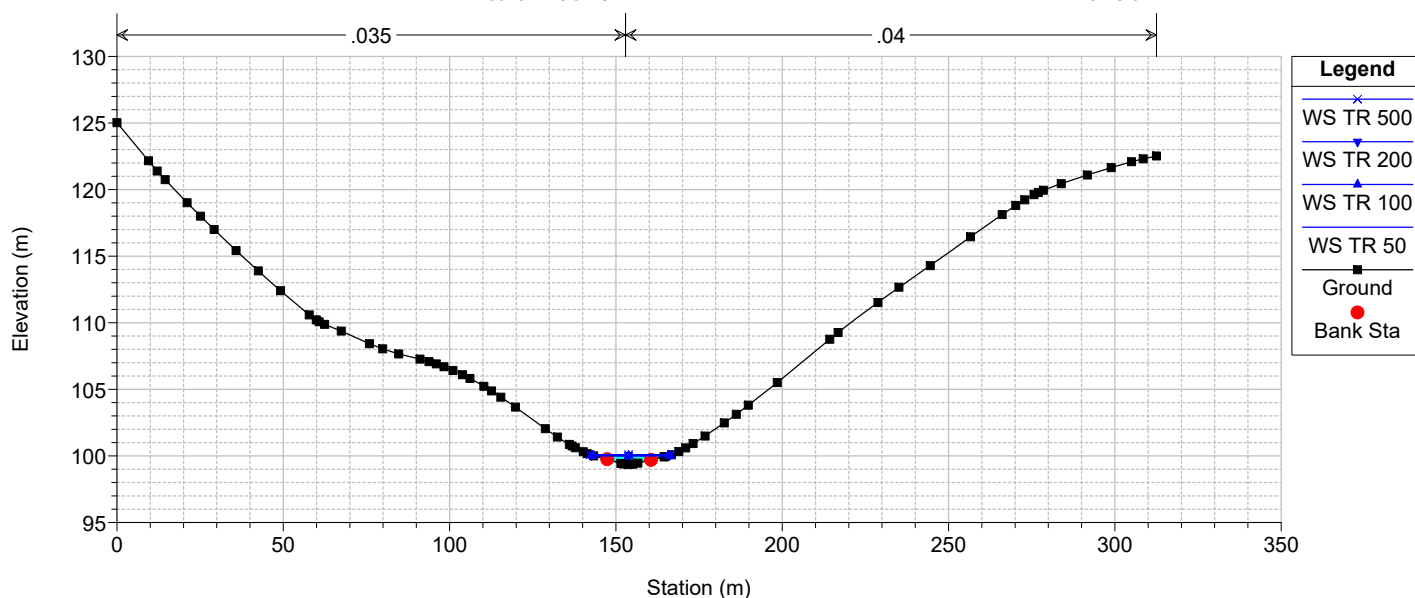
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san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

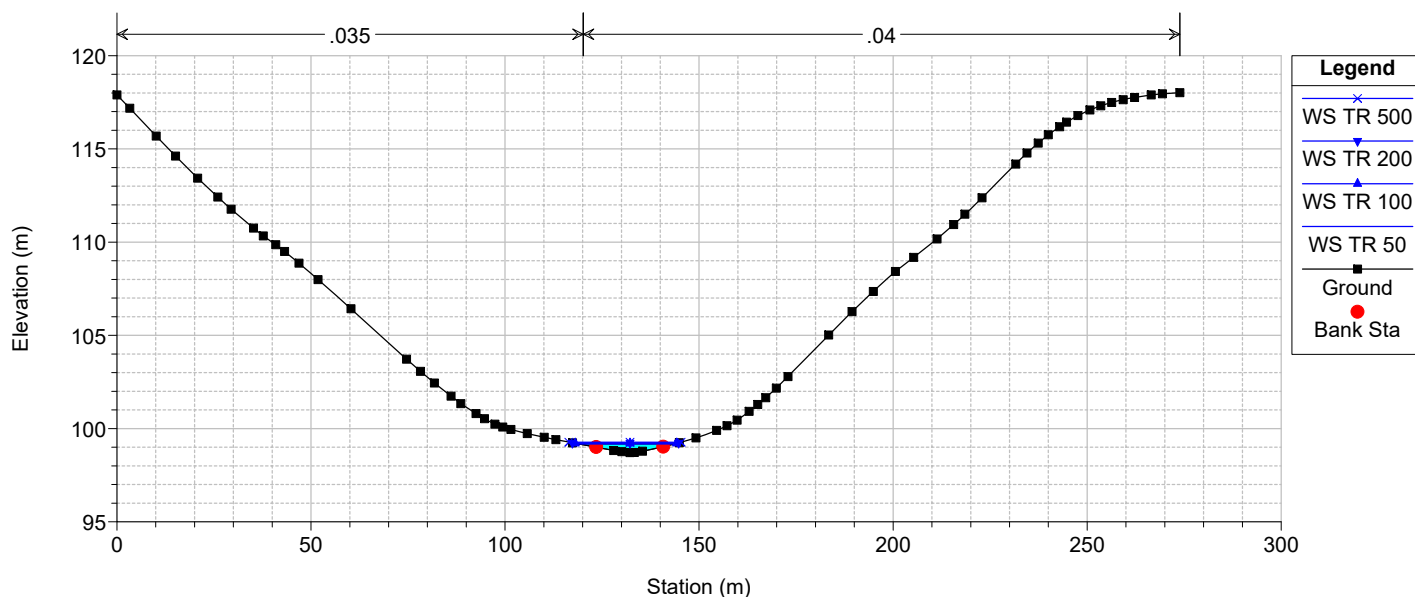
River = San Nicola Reach = Monte RS = 6073 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

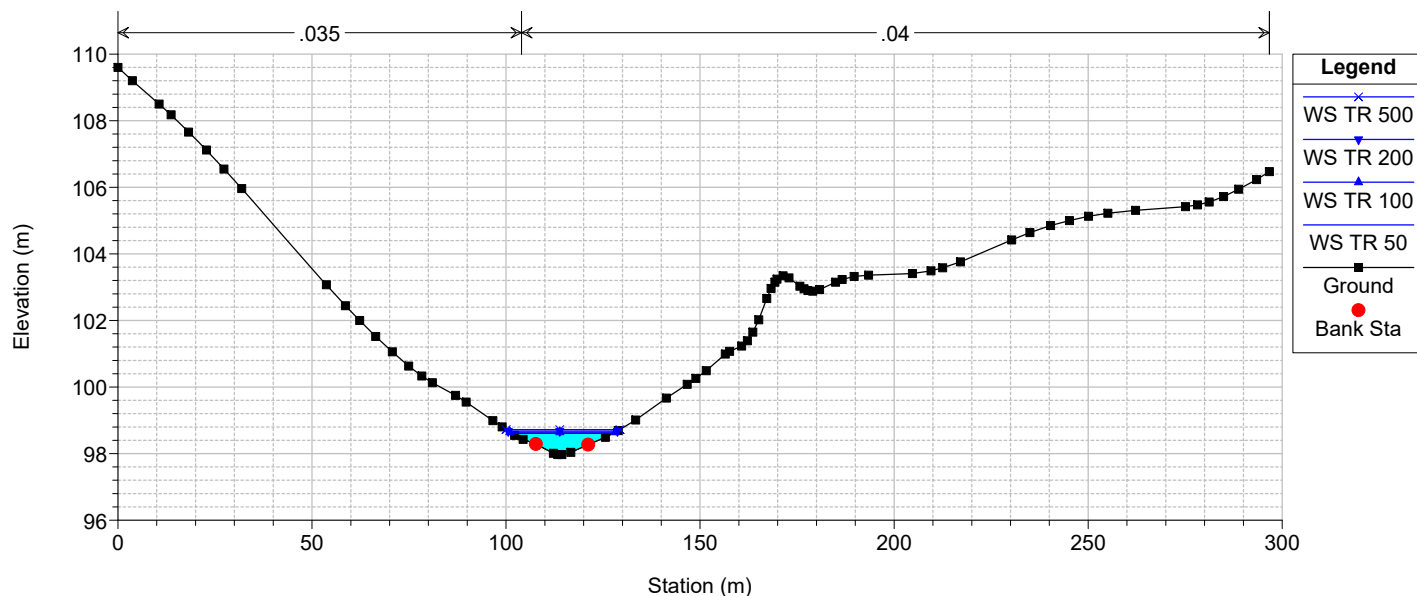
River = San Nicola Reach = Monte RS = 6017 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

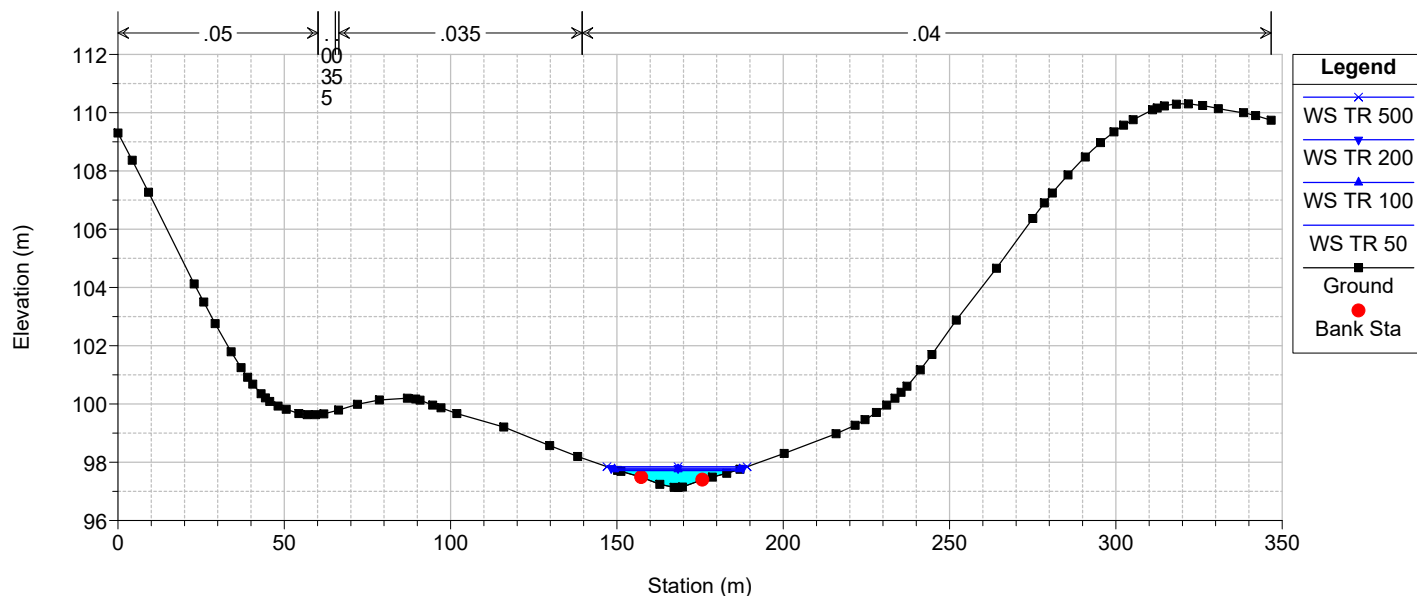
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san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

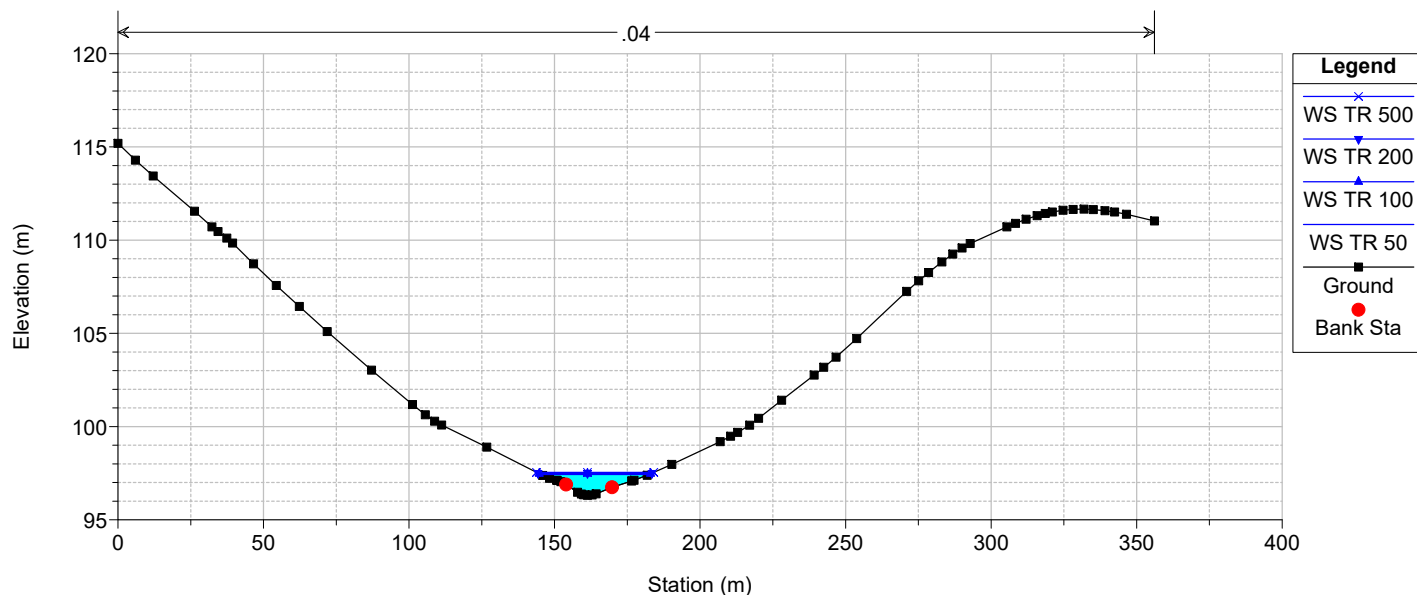
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san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

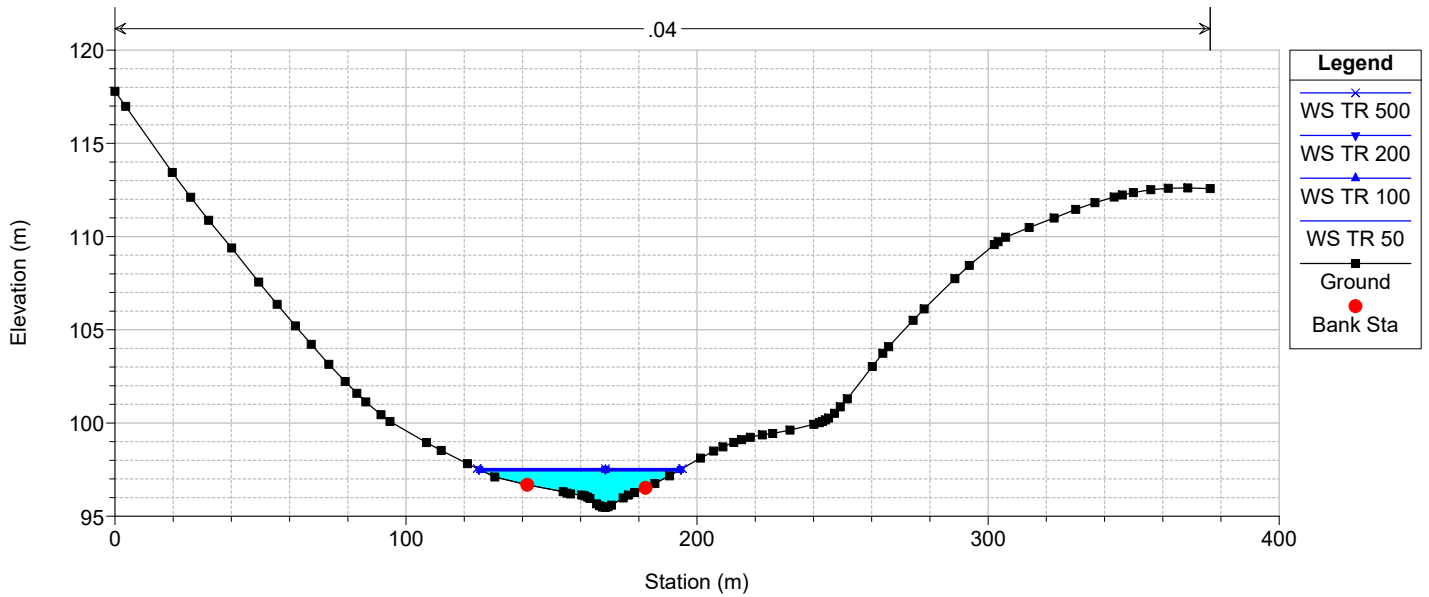
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san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

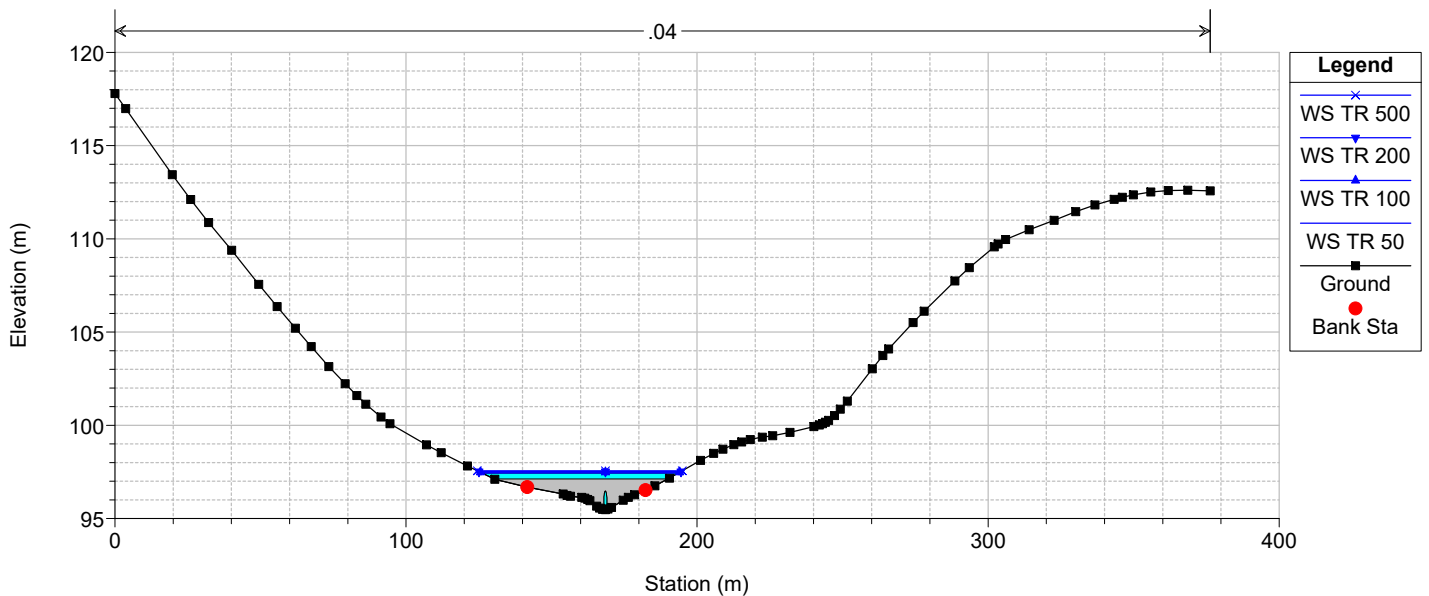
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san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

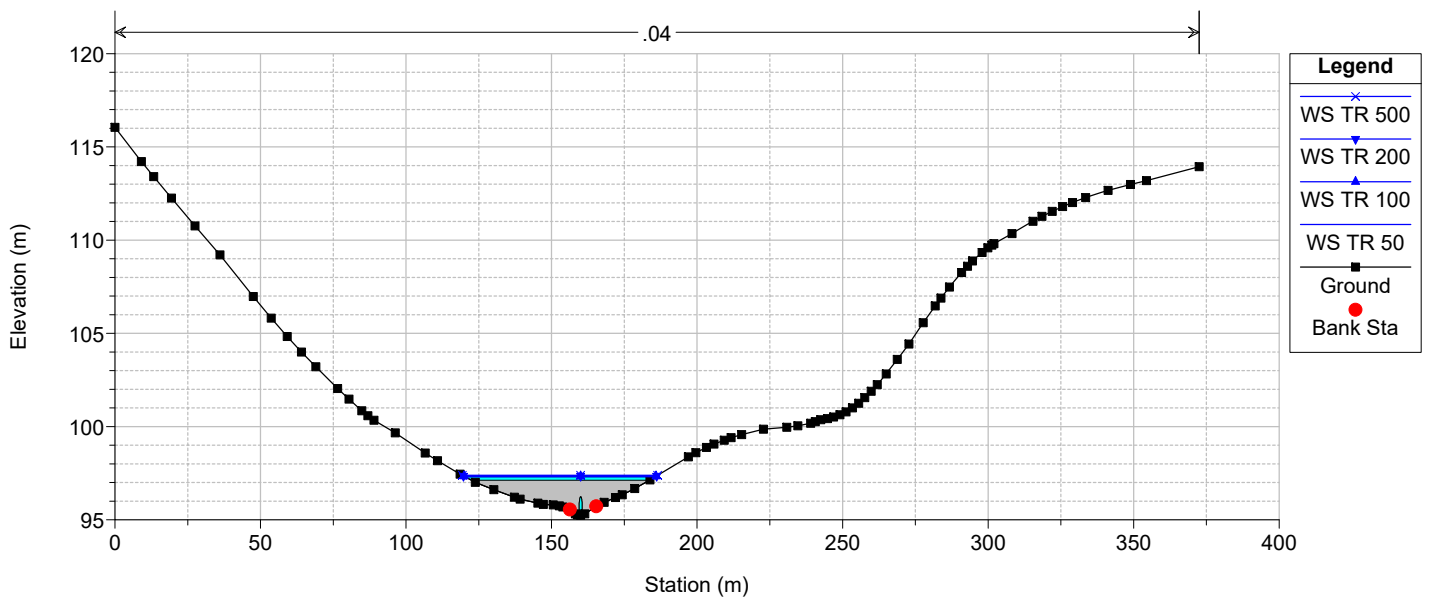
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san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

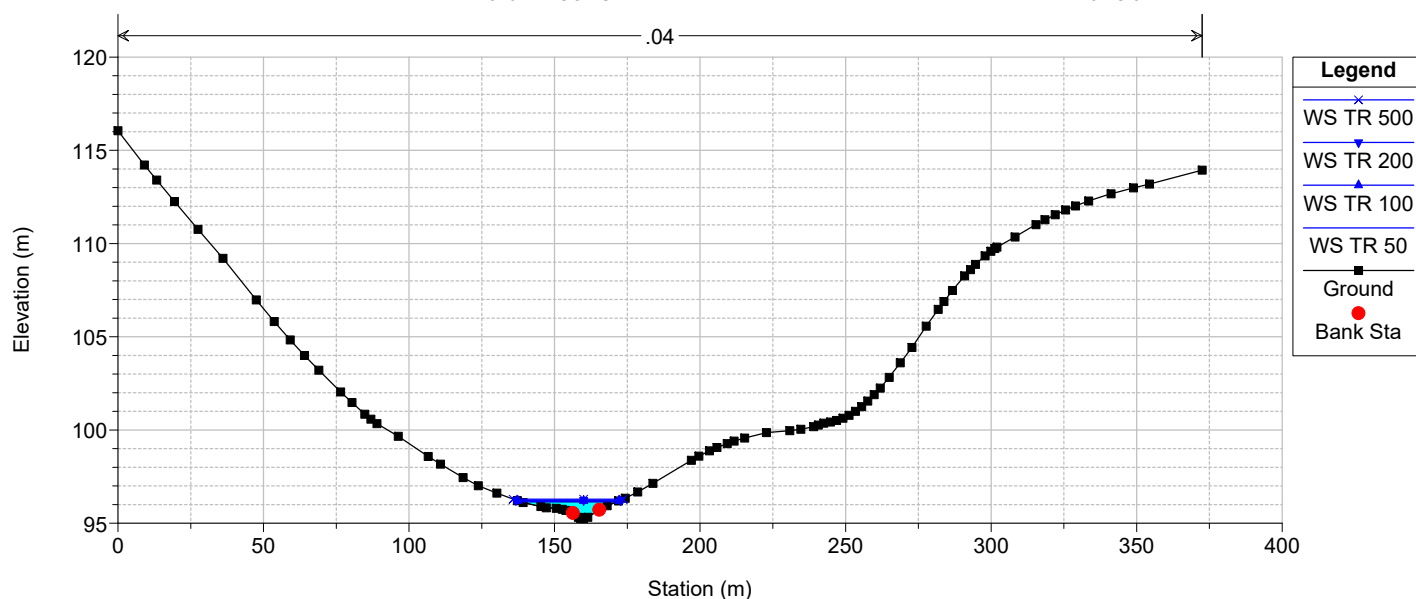
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san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

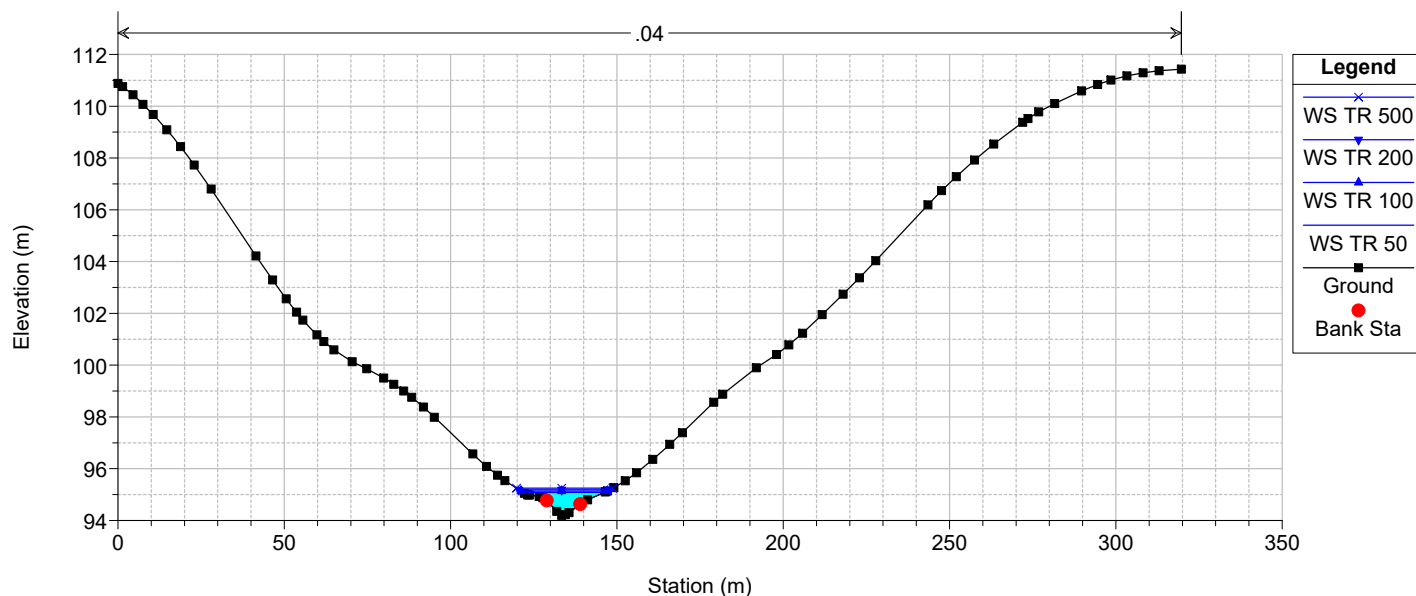
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san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

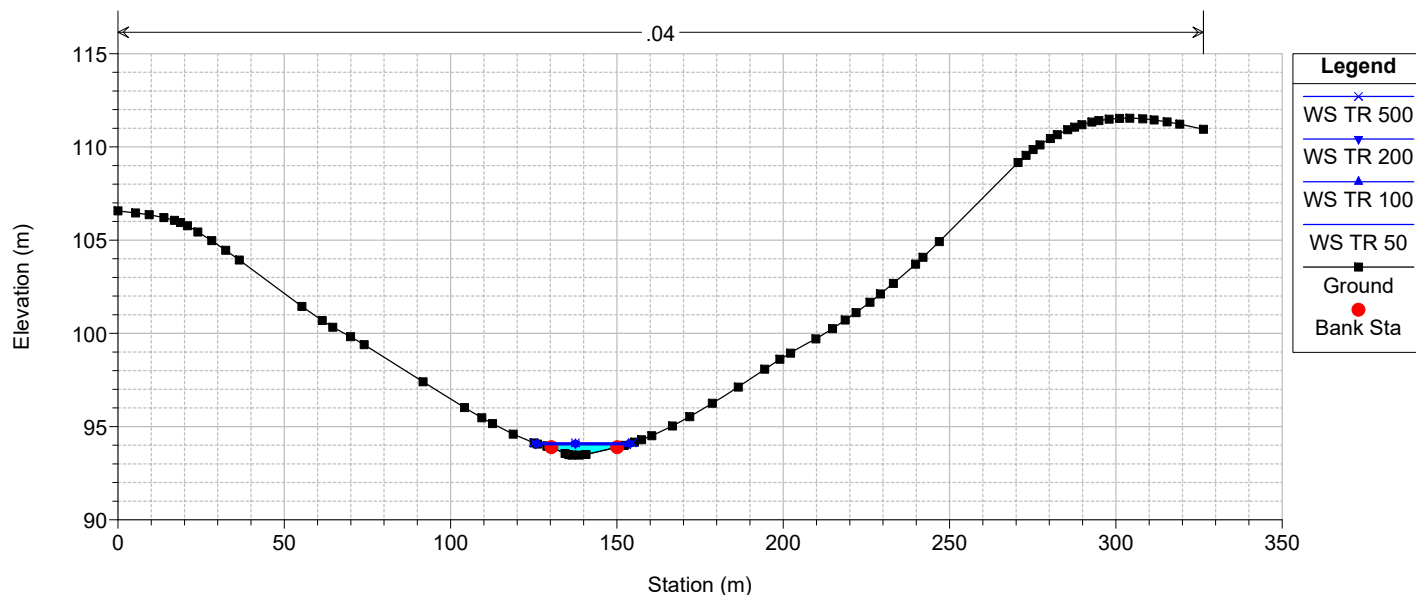
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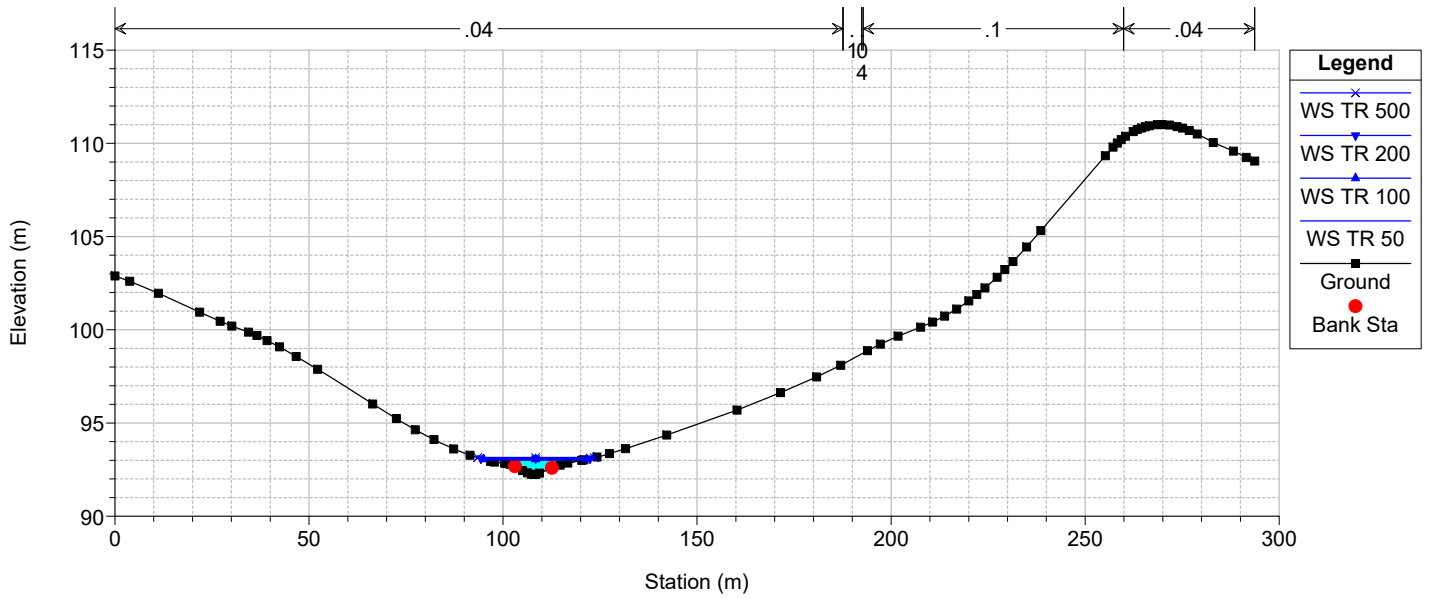
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san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

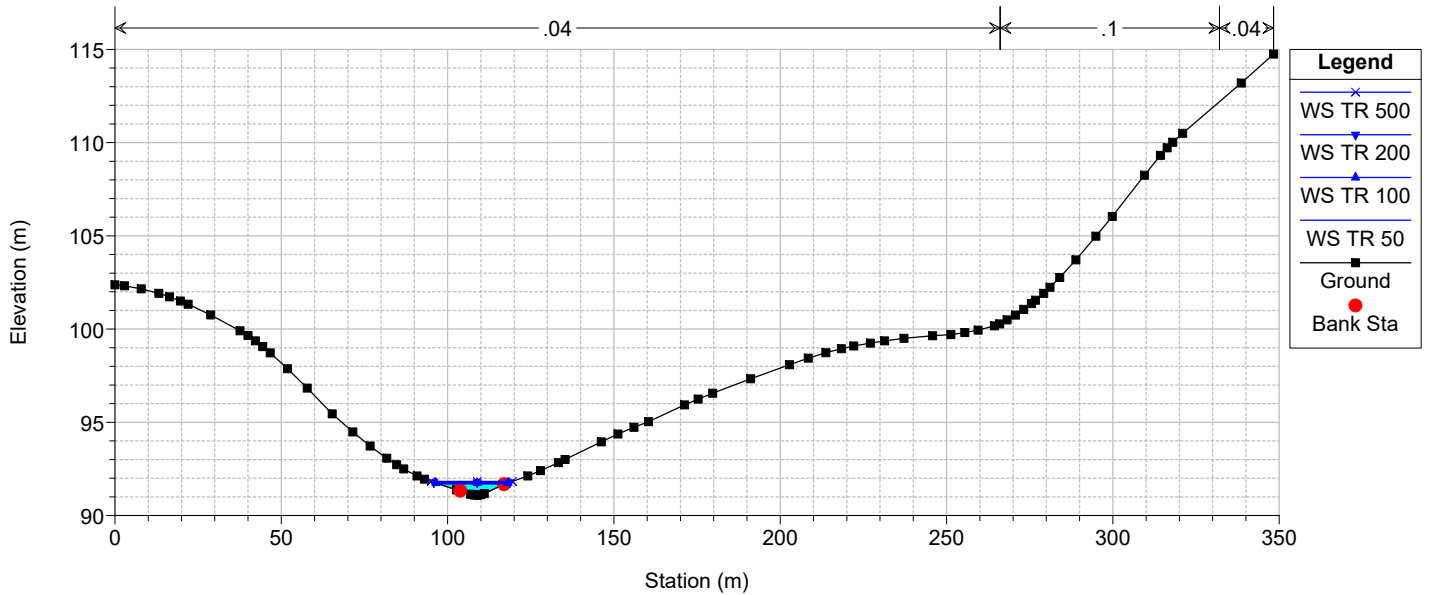
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san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

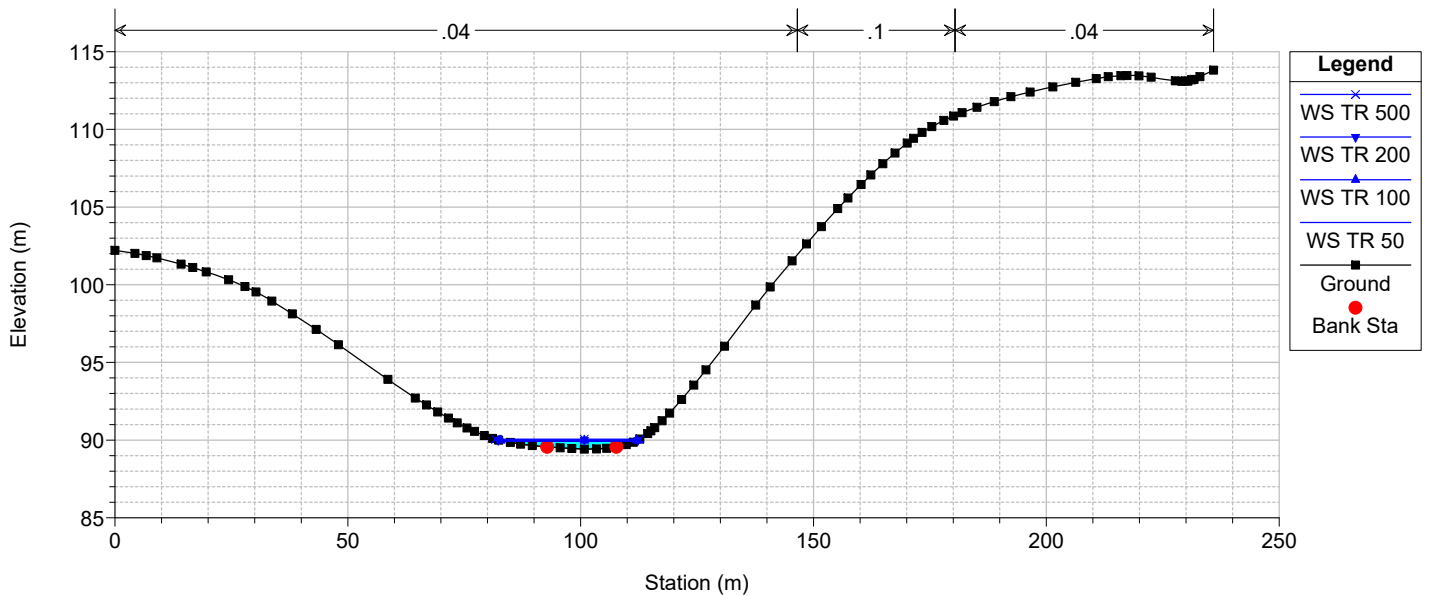
River = San Nicola Reach = Monte RS = 5591 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

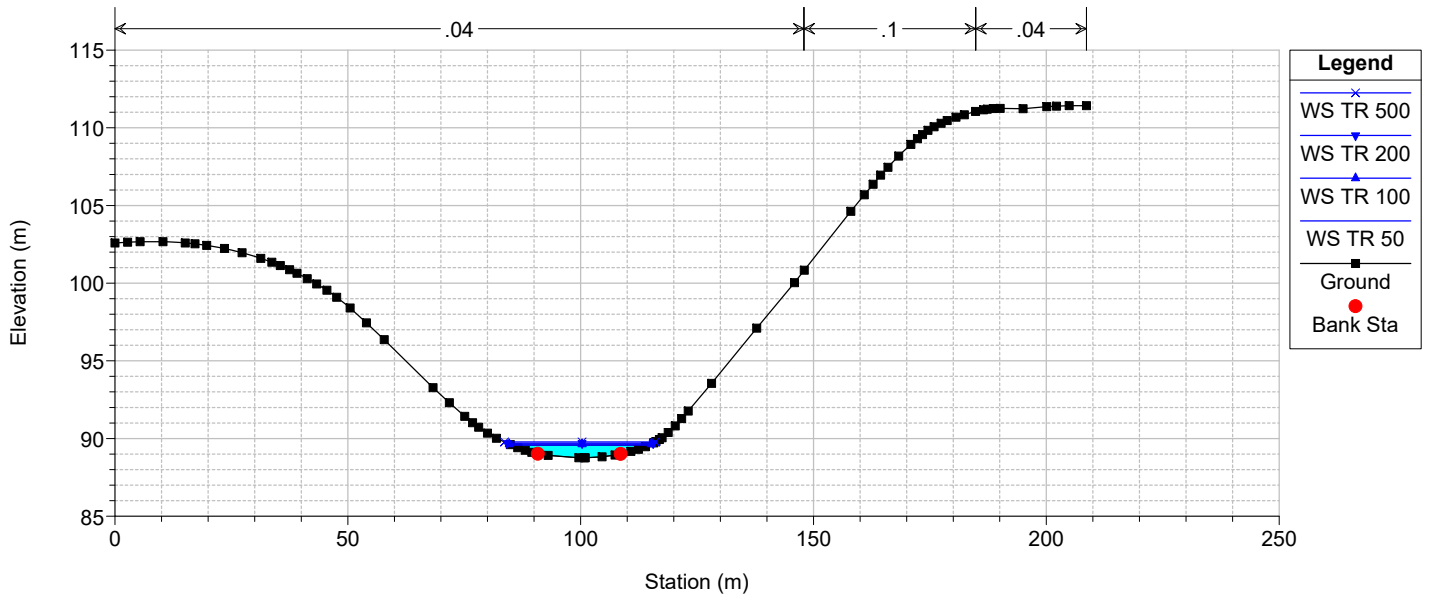
River = San Nicola Reach = Monte RS = 5535 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

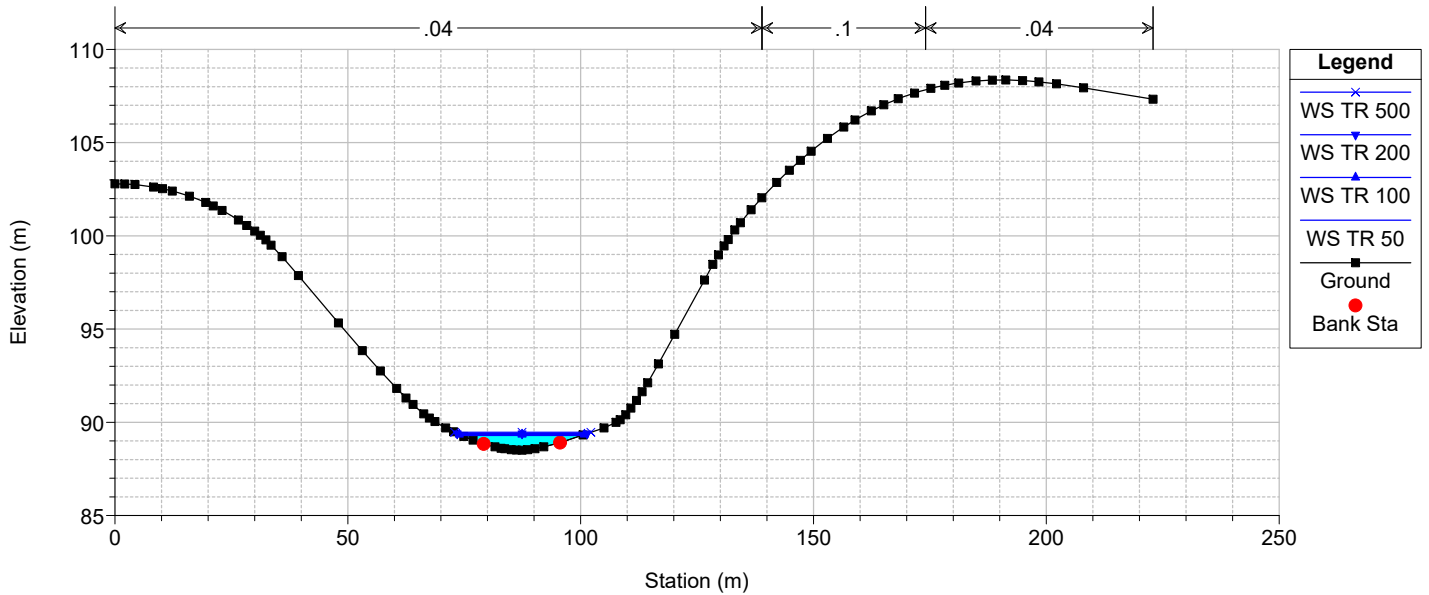
River = San Nicola Reach = Monte RS = 5486 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

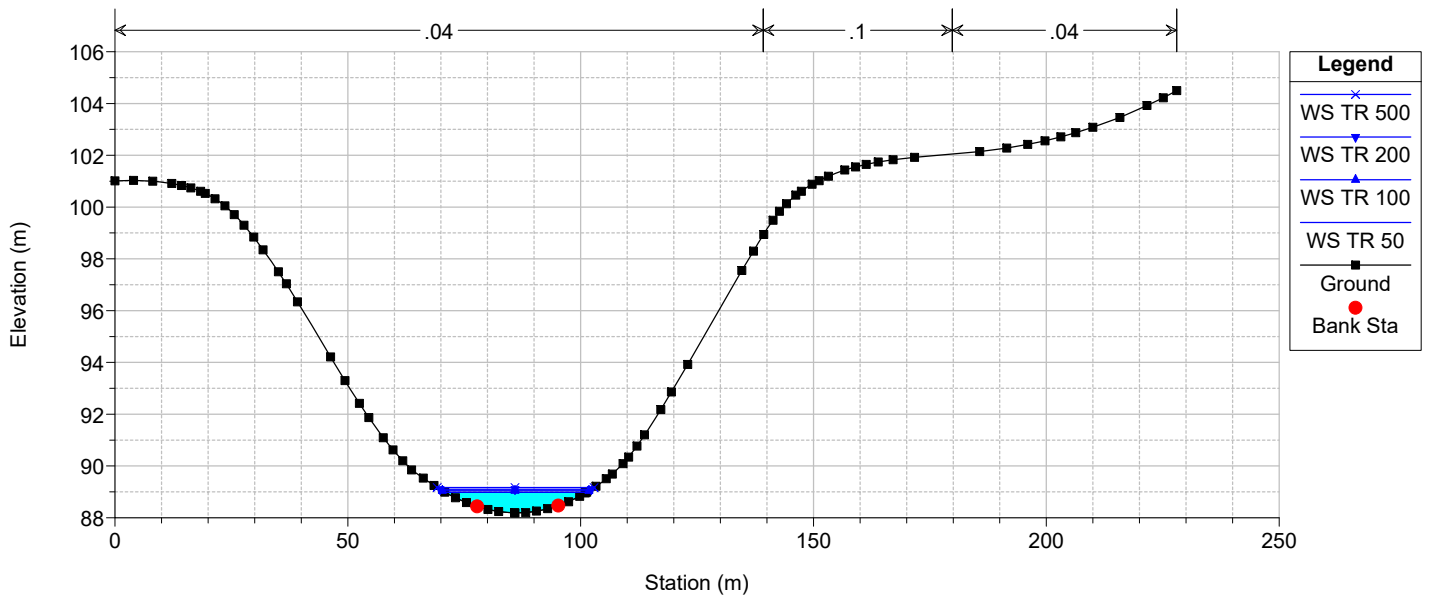
River = San Nicola Reach = Monte RS = 5448 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

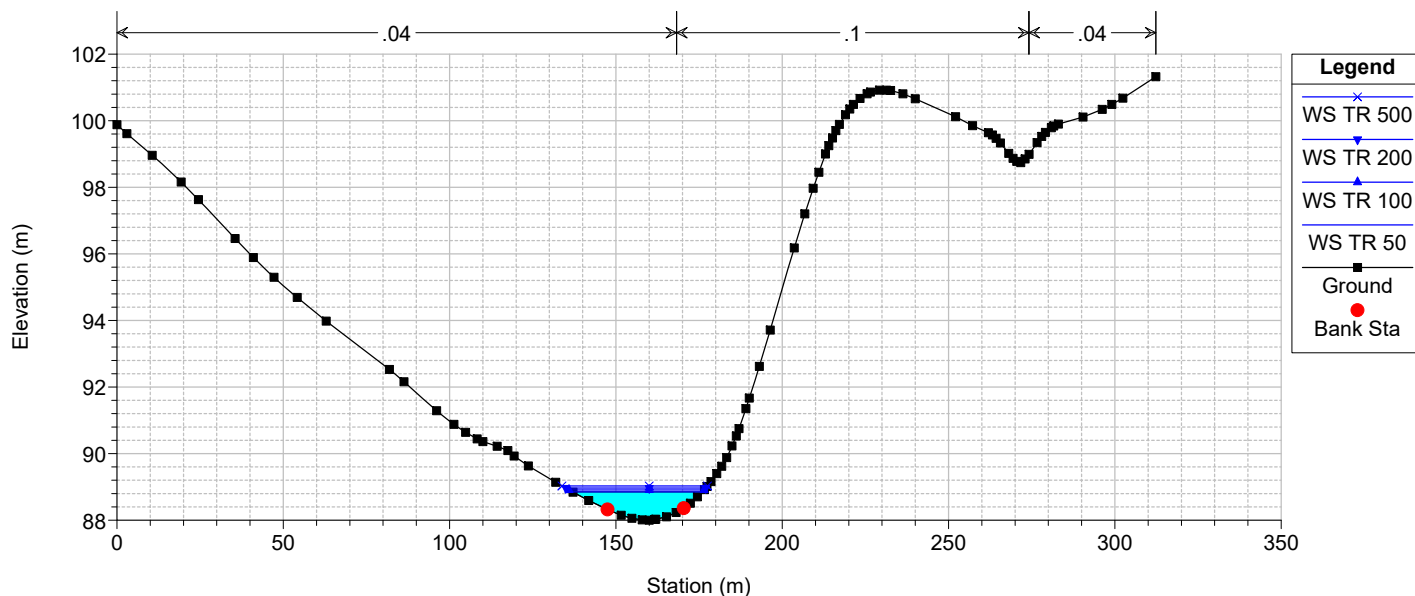
River = San Nicola Reach = Monte RS = 5397 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

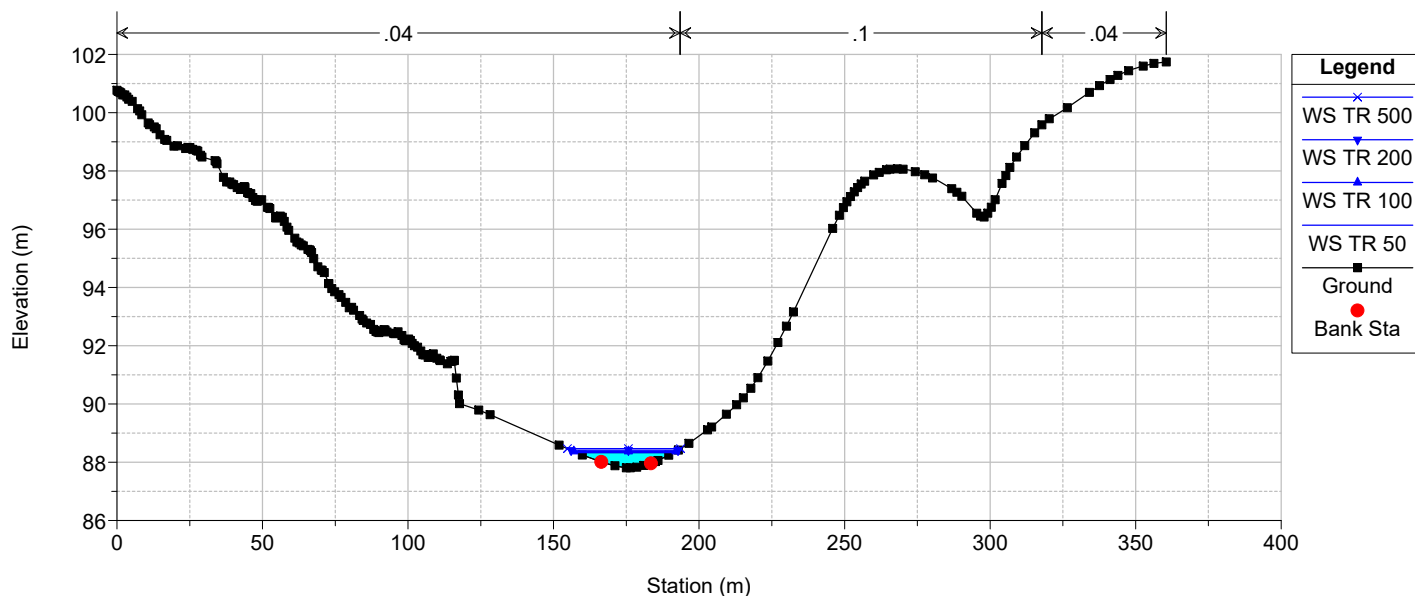
River = San Nicola Reach = Monte RS = 5356 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

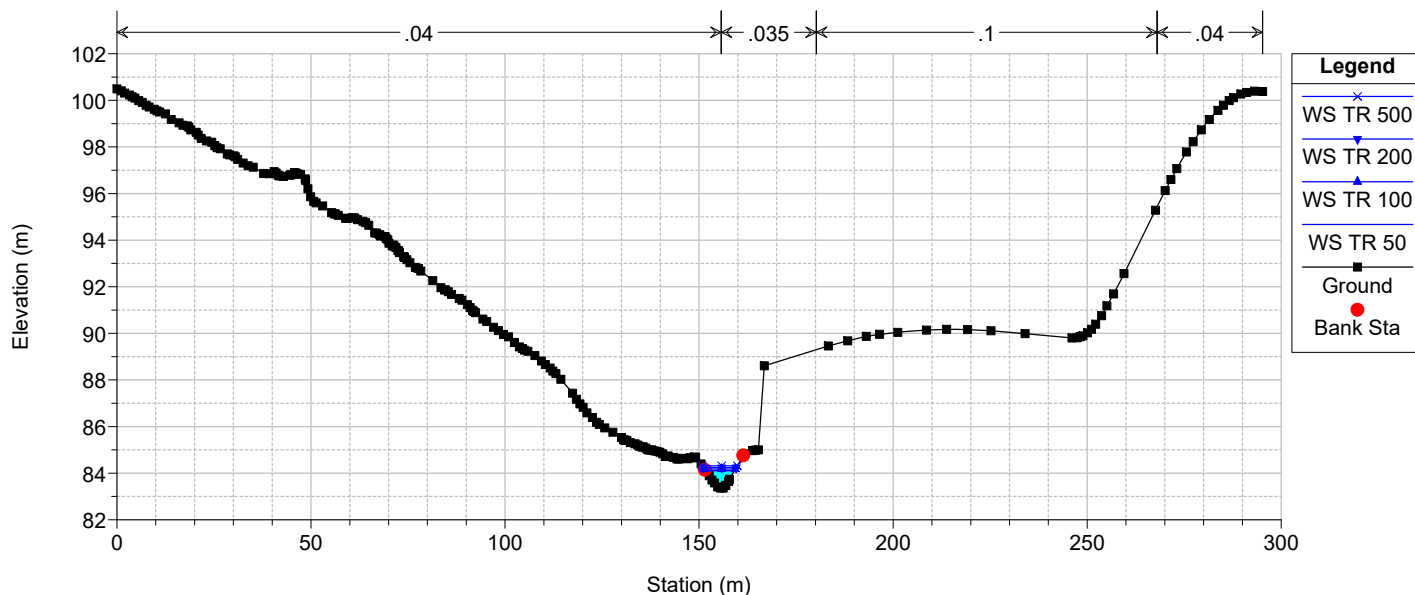
River = San Nicola Reach = Monte RS = 5296 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

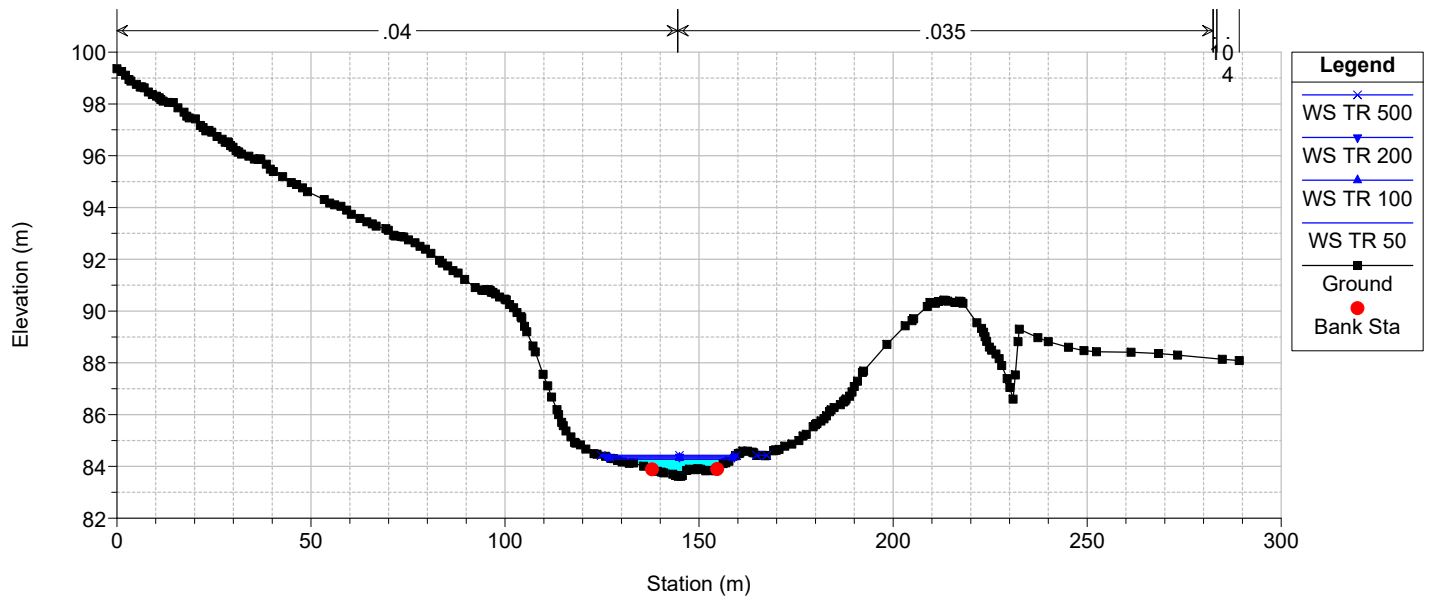
River = San Nicola Reach = Monte RS = 5233 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

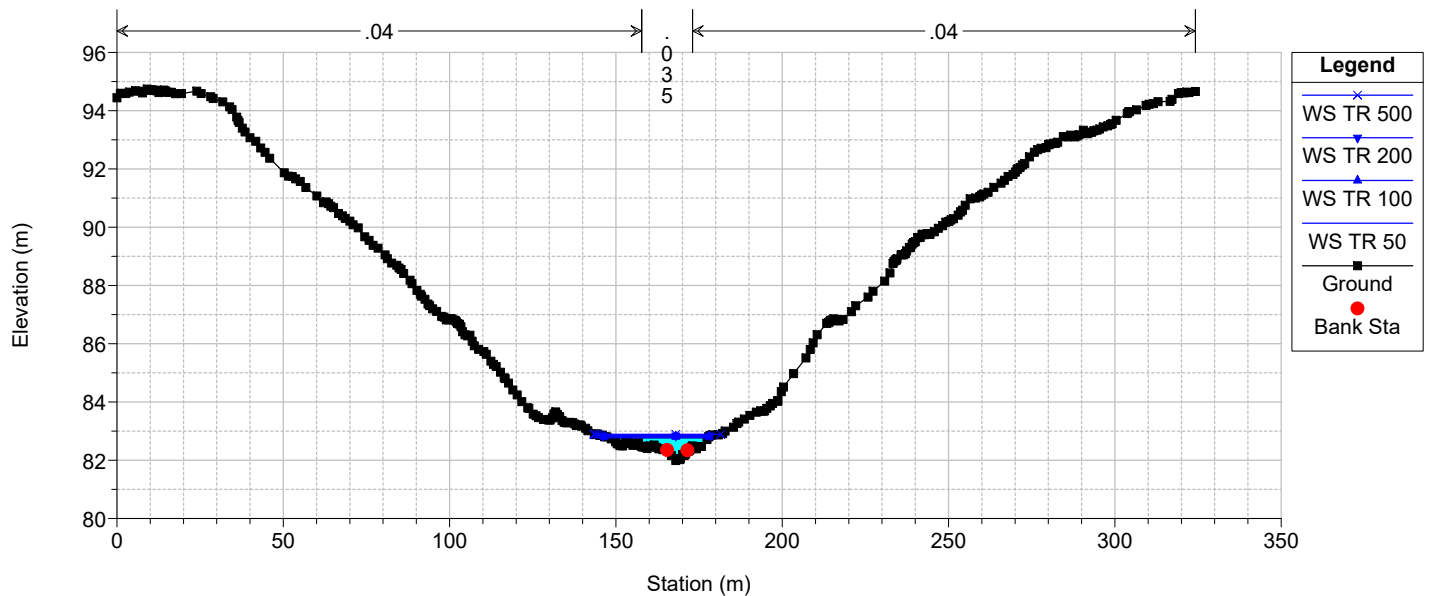
River = San Nicola Reach = Monte RS = 5181 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

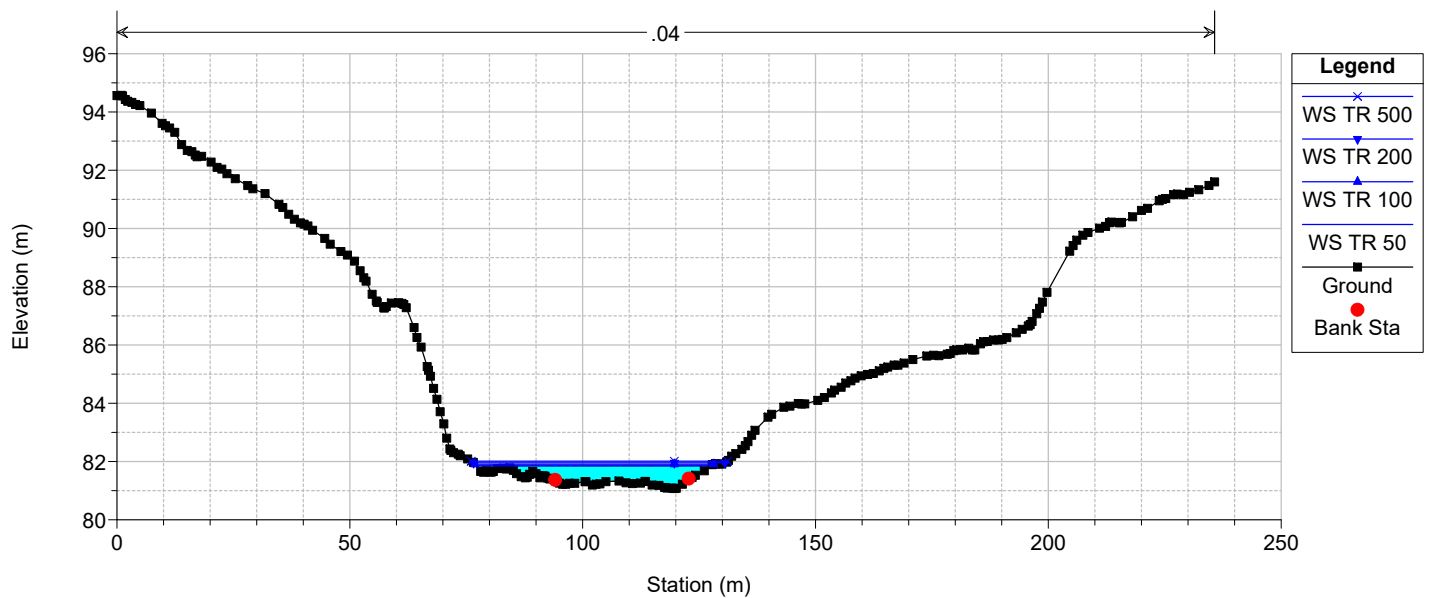
River = San Nicola Reach = Monte RS = 5084 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

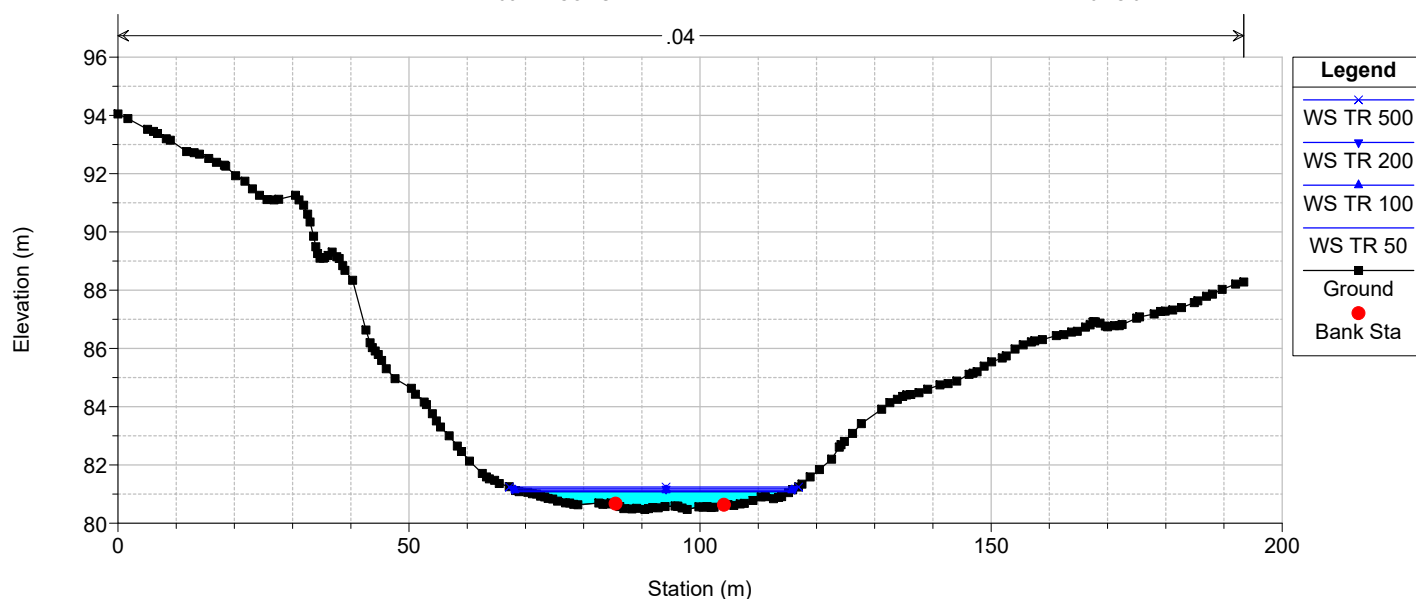
River = San Nicola Reach = Monte RS = 5027 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

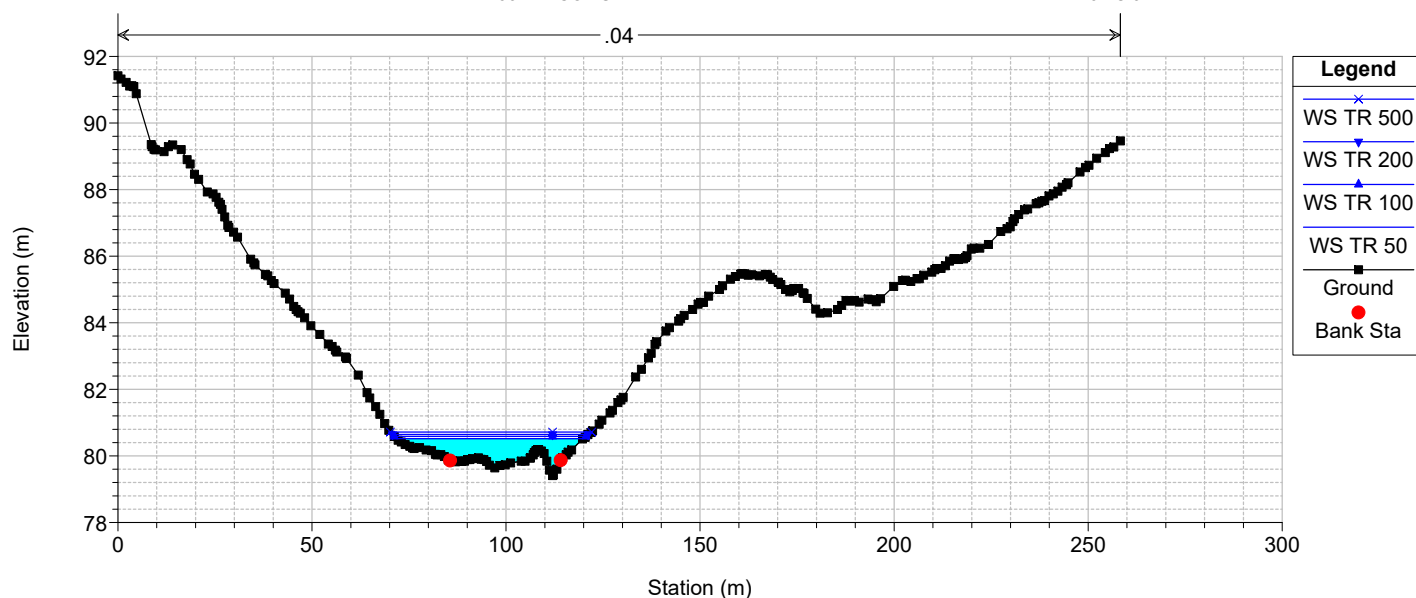
River = San Nicola Reach = Monte RS = 4981 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

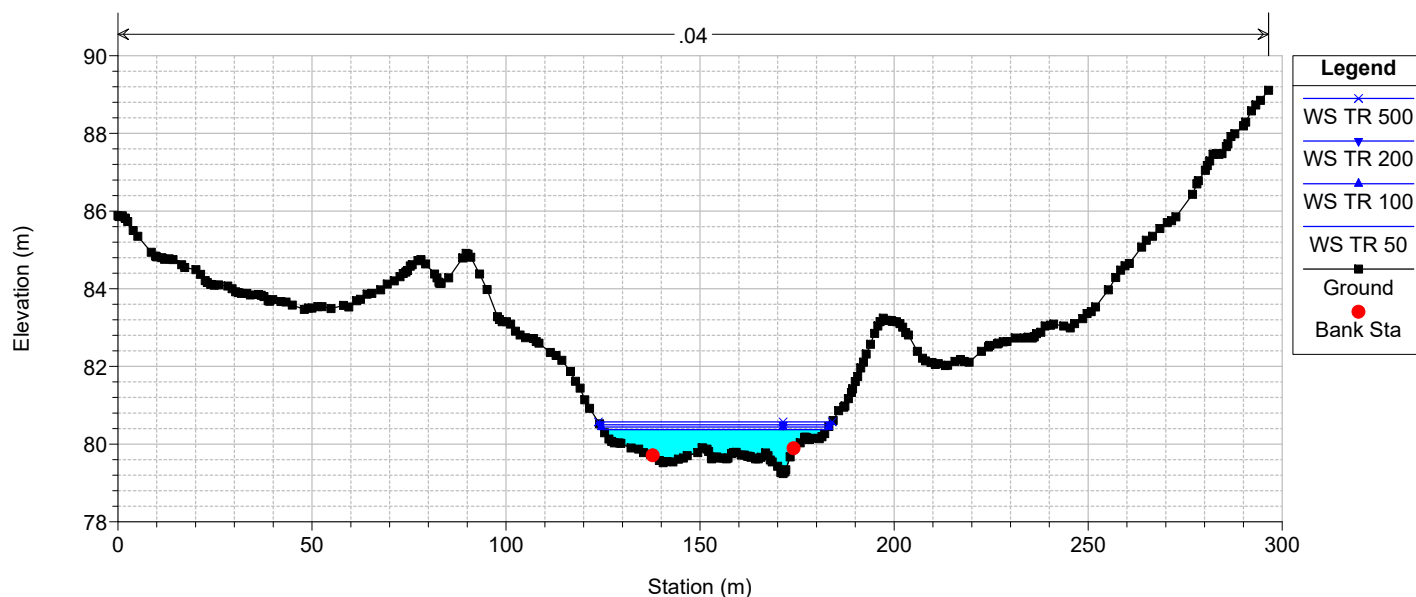
River = San Nicola Reach = Monte RS = 4931 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

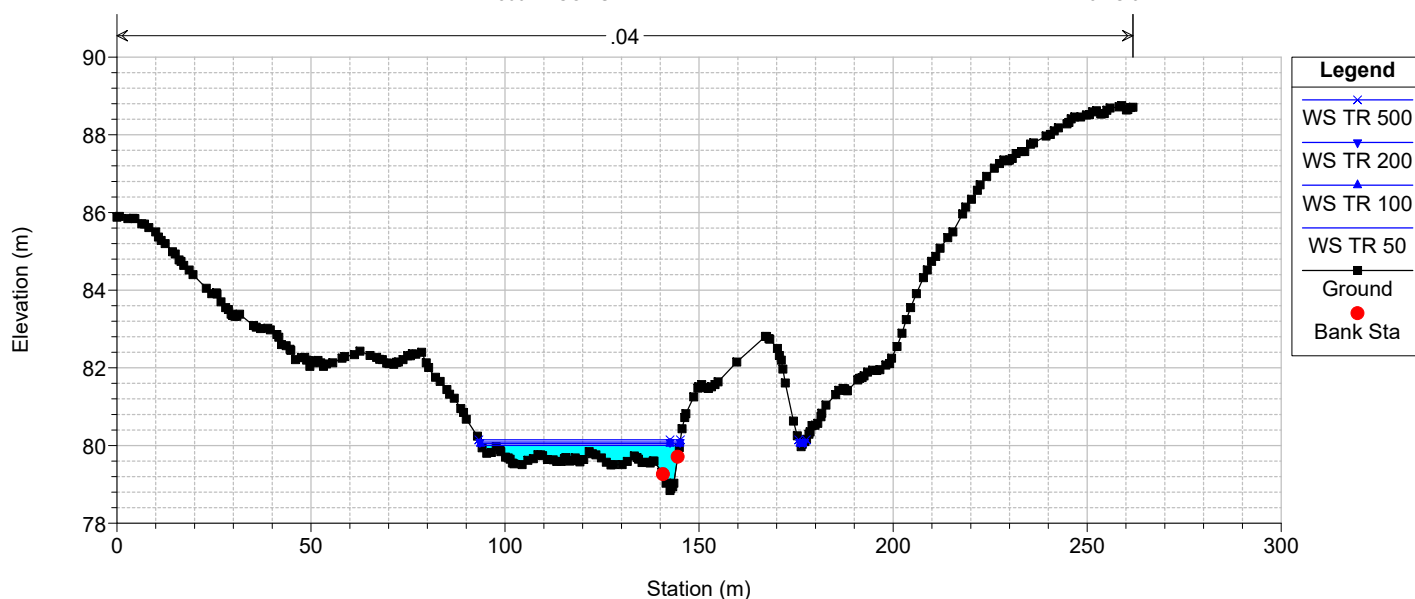
River = San Nicola Reach = Monte RS = 4895 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

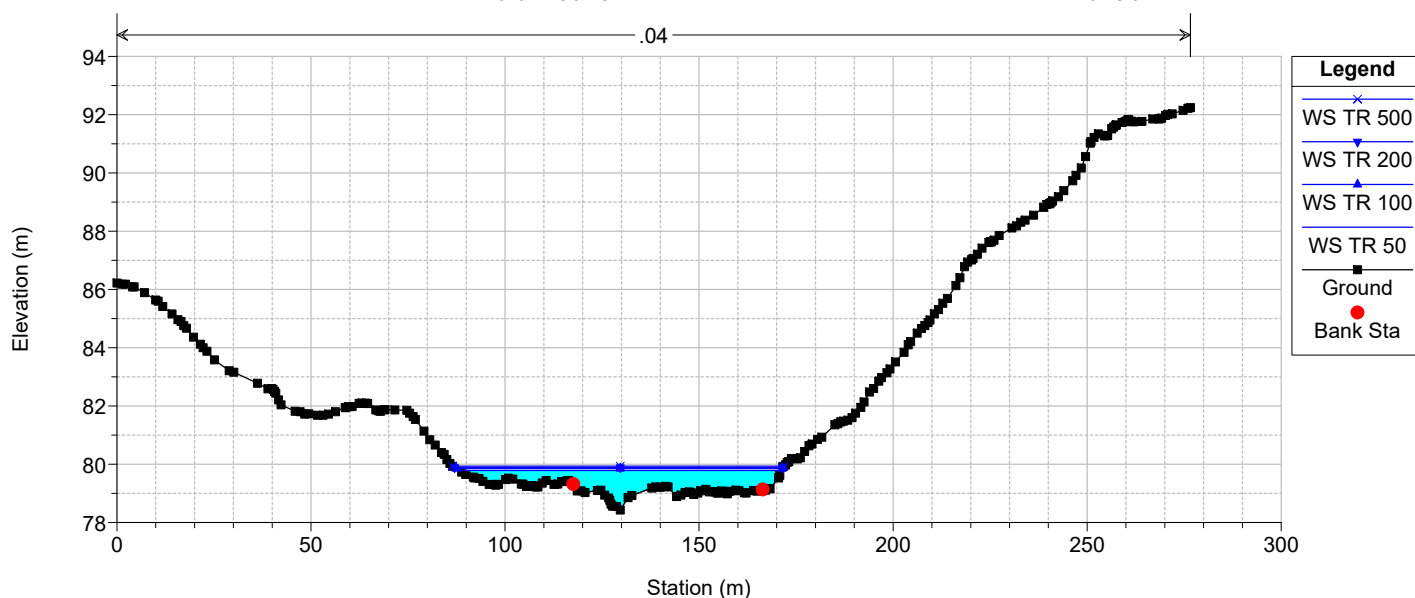
River = San Nicola Reach = Monte RS = 4860 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

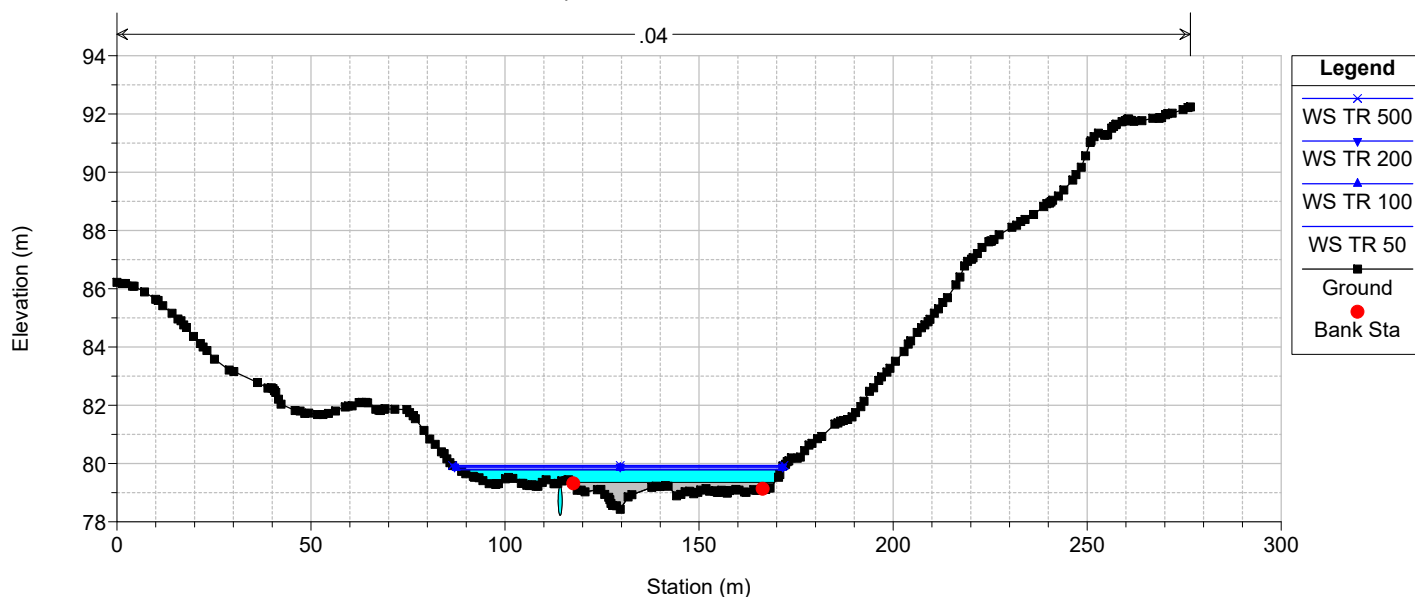
River = San Nicola Reach = Monte RS = 4810 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

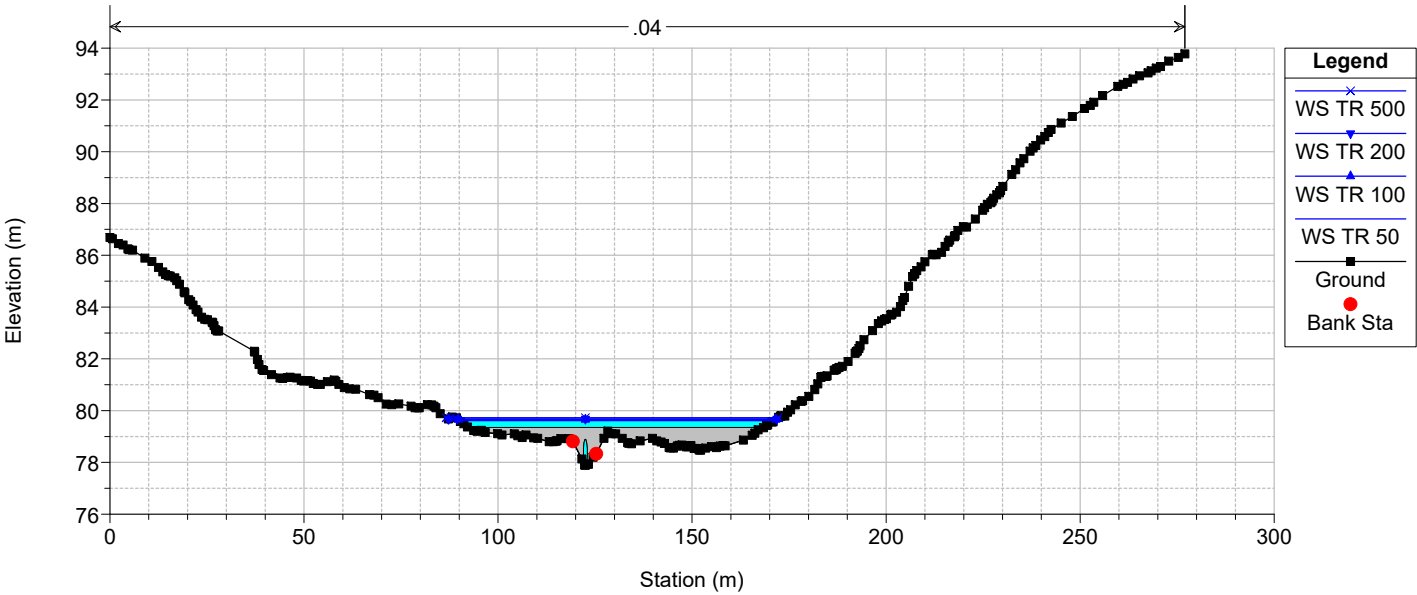
River = San Nicola Reach = Monte RS = 4804 Culv 45ydf C75 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

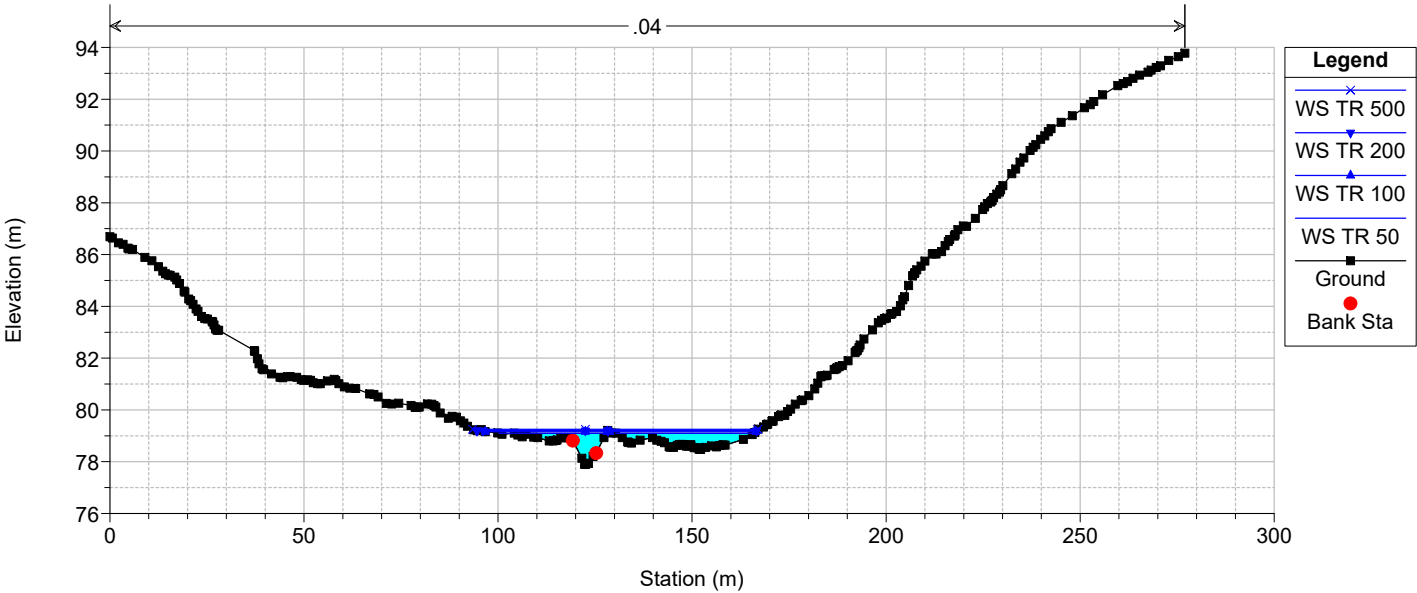
River = San Nicola Reach = Monte RS = 4804 Culv 45ydf C75 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

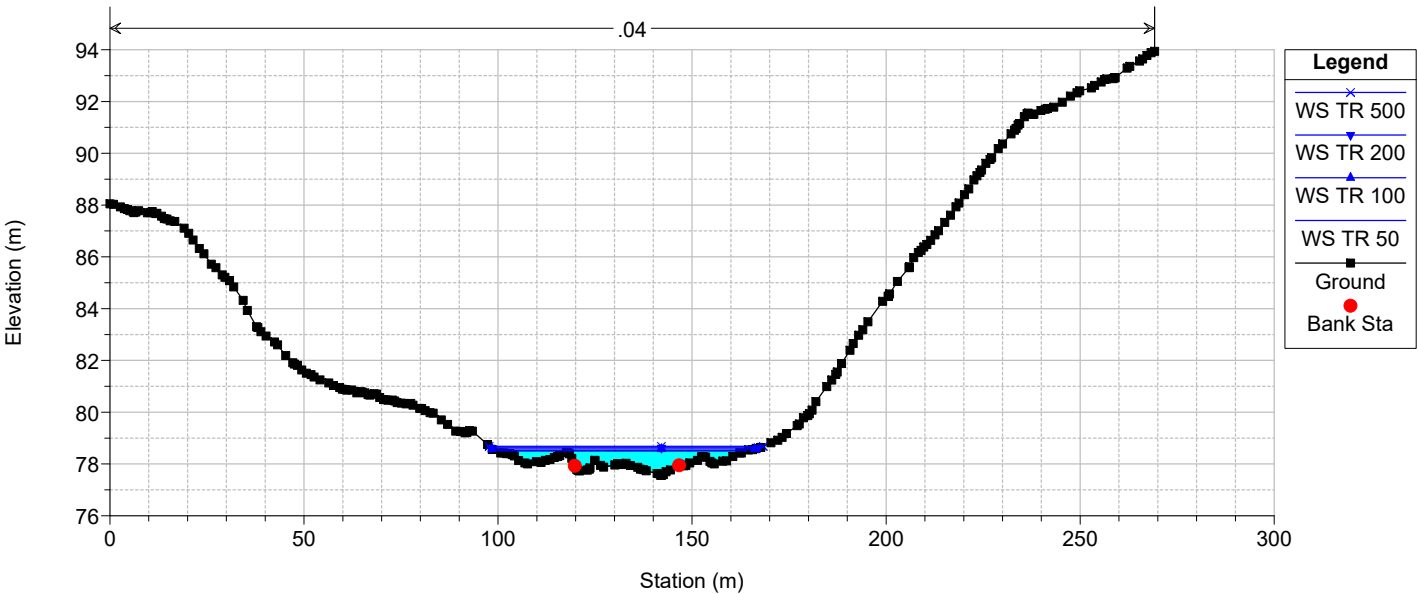
River = San Nicola Reach = Monte RS = 4799 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

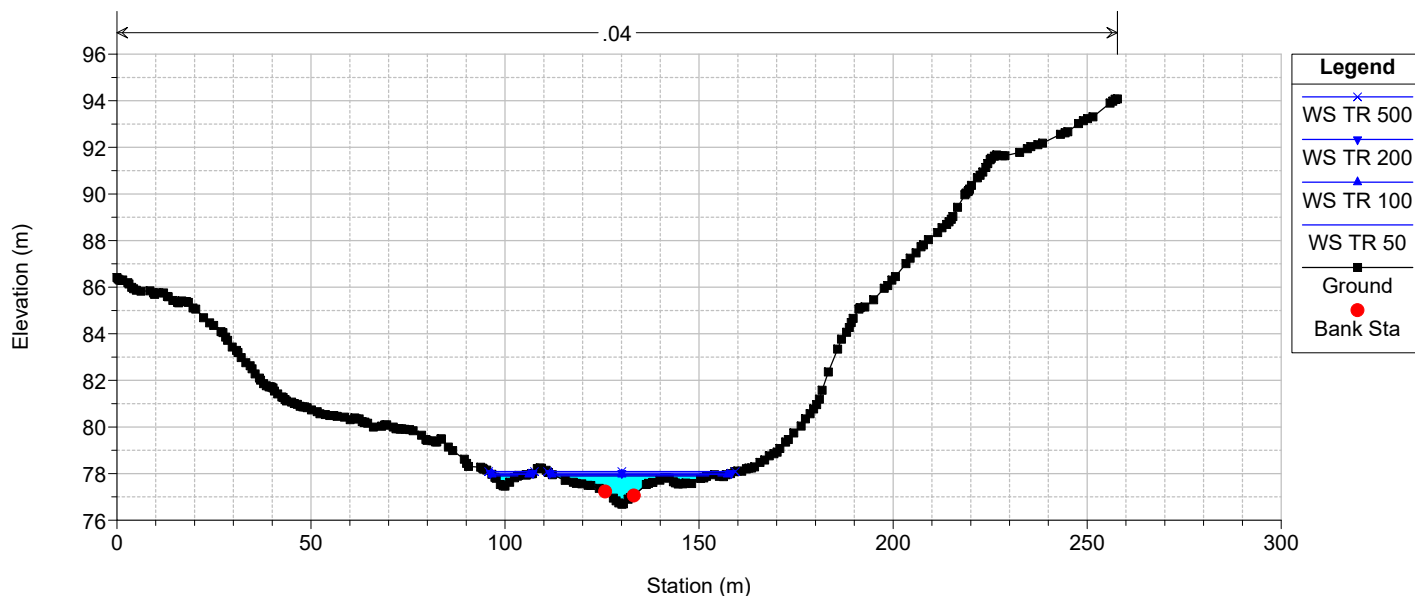
River = San Nicola Reach = Monte RS = 4773 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

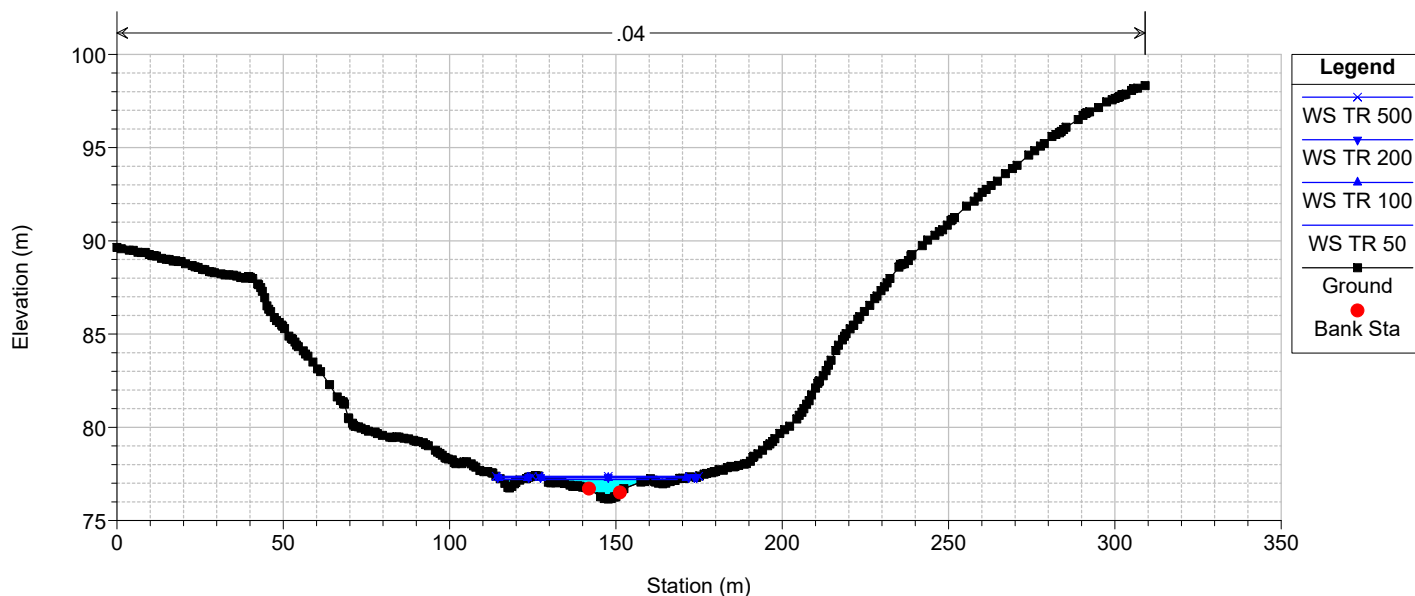
River = San Nicola Reach = Monte RS = 4737 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

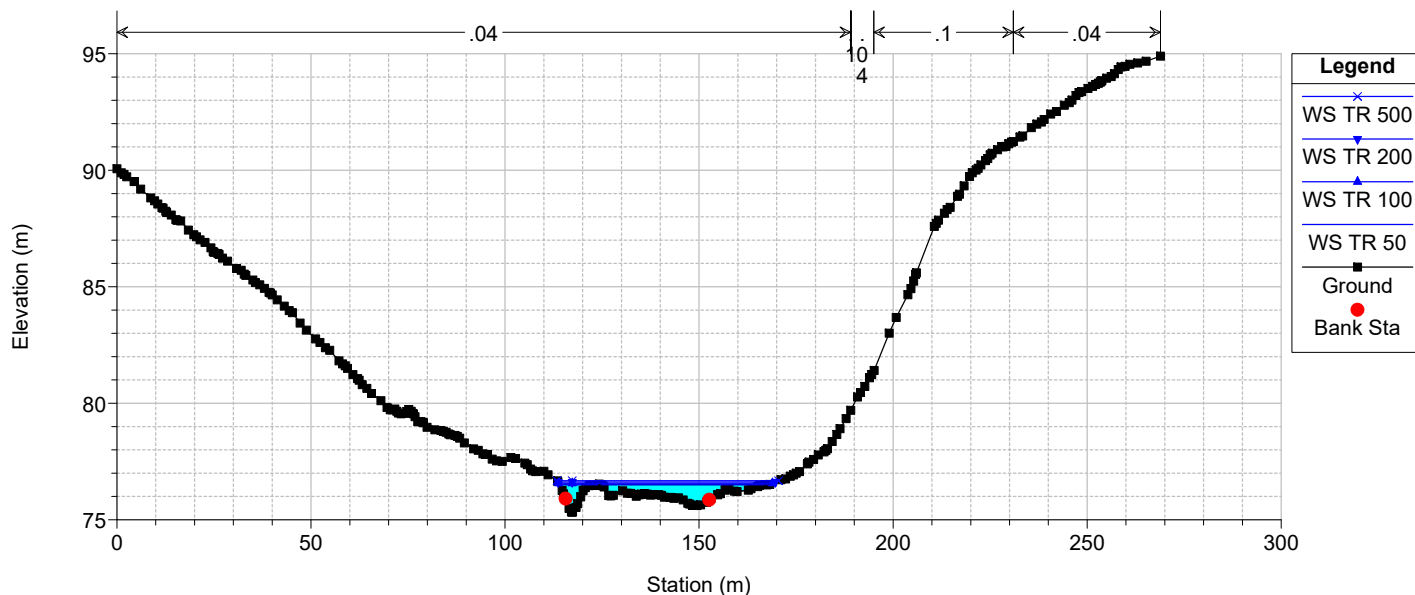
River = San Nicola Reach = Monte RS = 4706 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

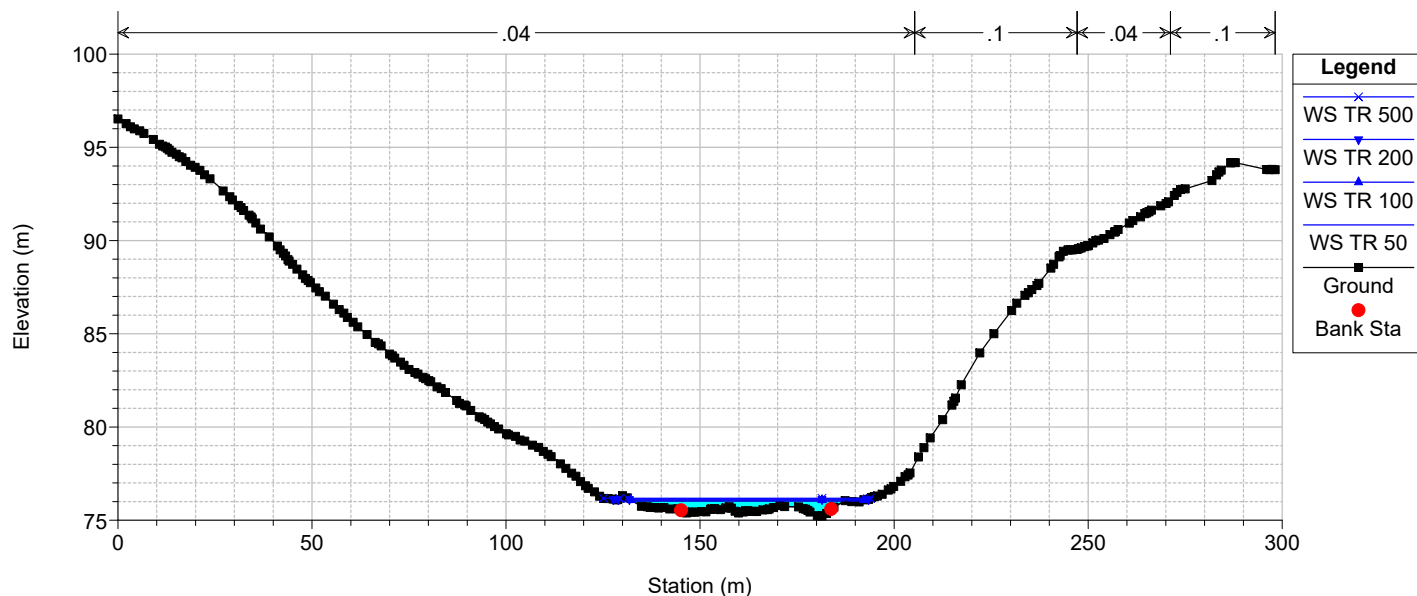
River = San Nicola Reach = Monte RS = 4659 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

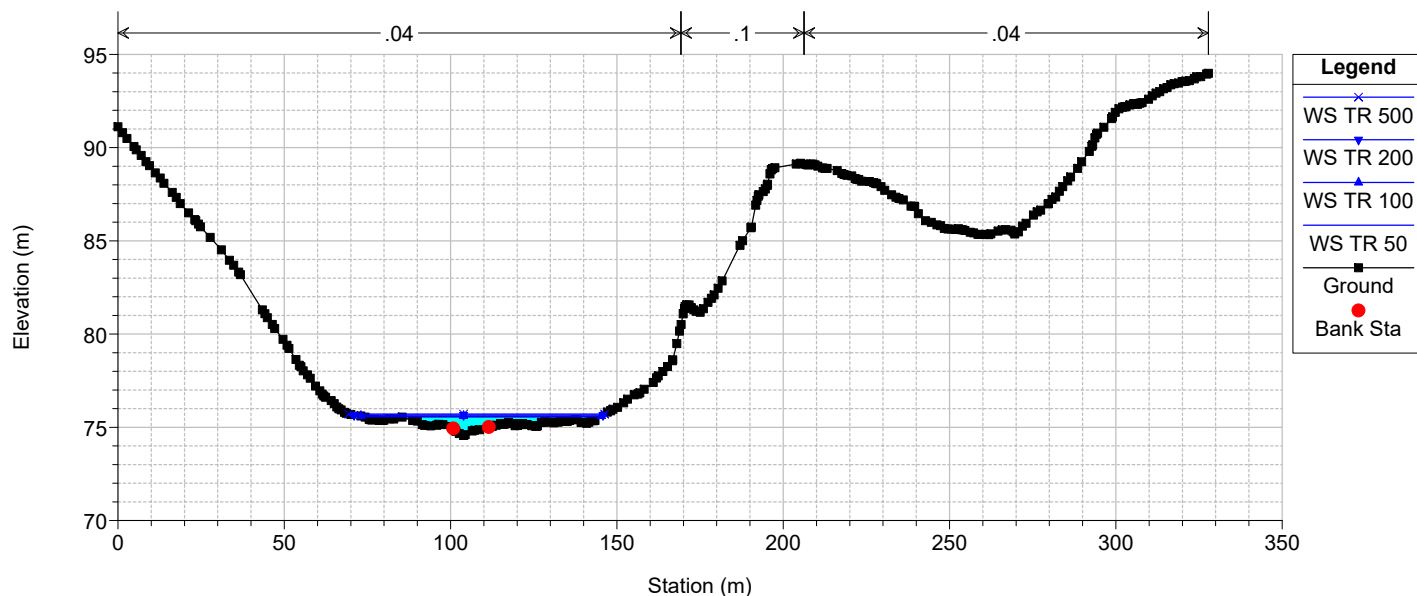
River = San Nicola Reach = Monte RS = 4615 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

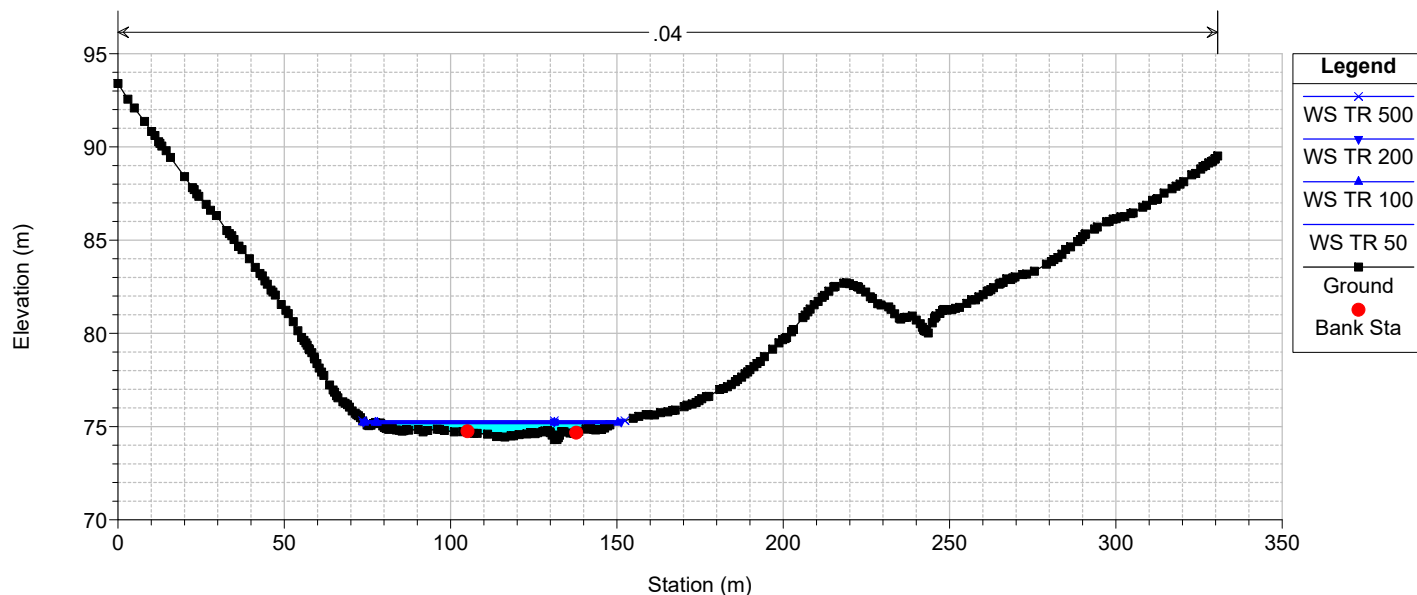
River = San Nicola Reach = Monte RS = 4571 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

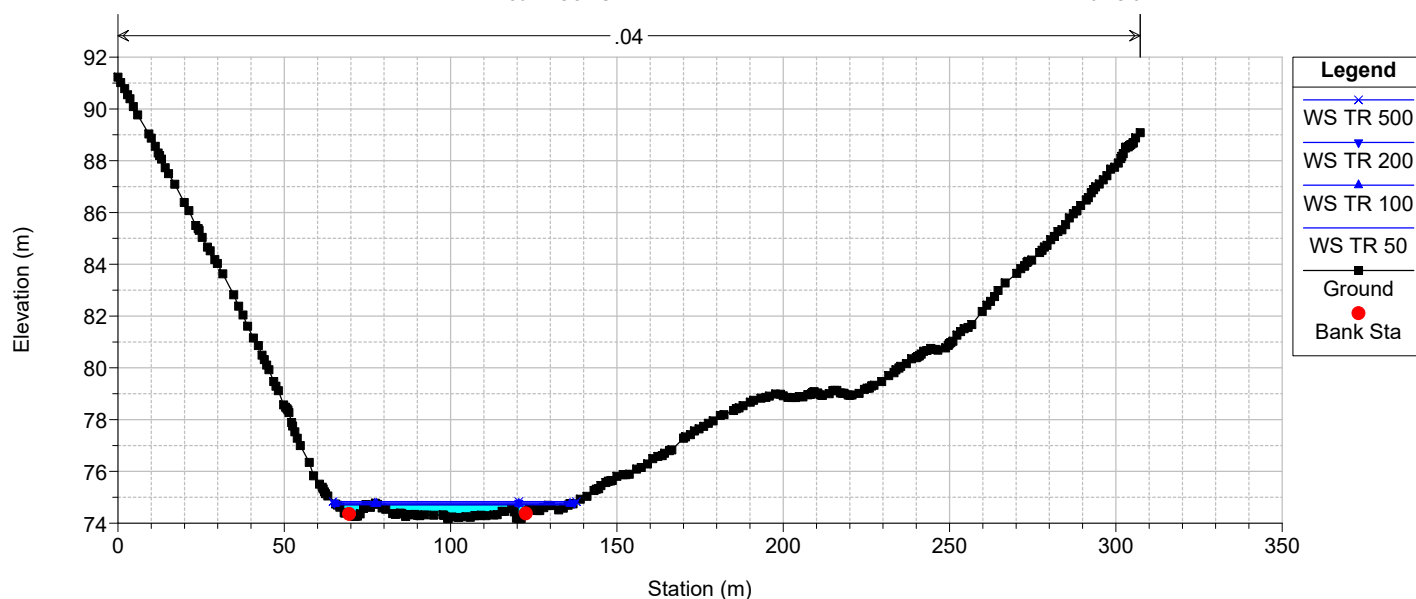
River = San Nicola Reach = Monte RS = 4521 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

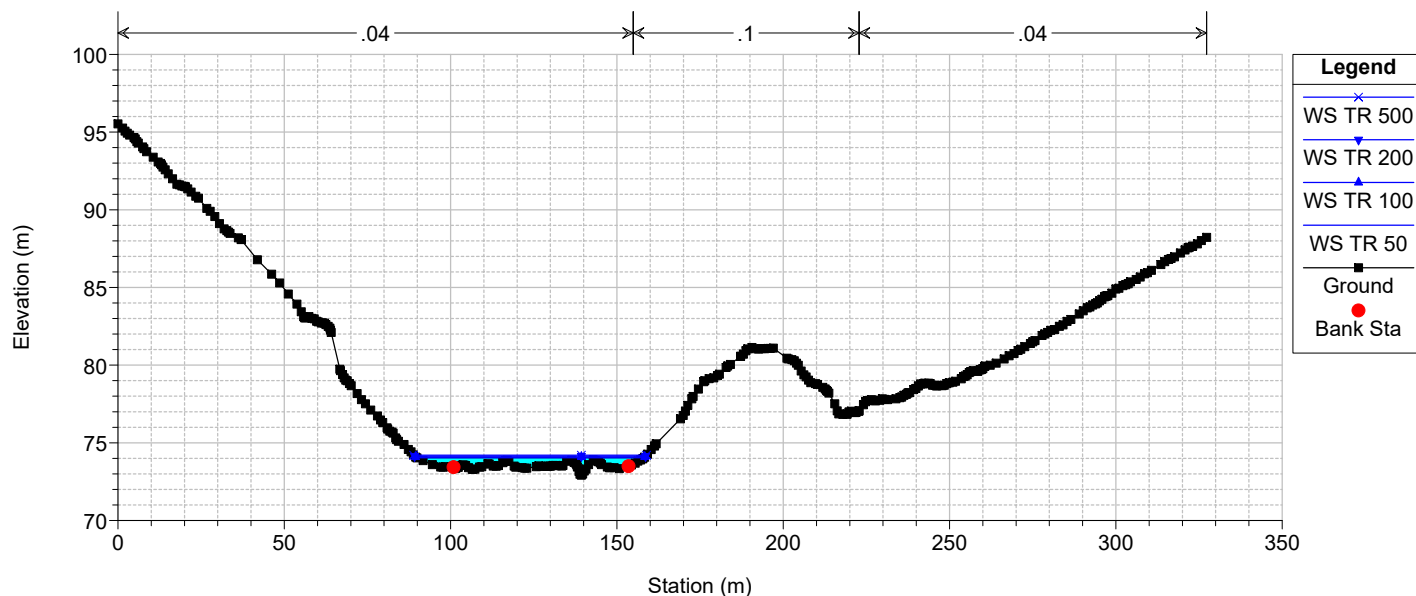
River = San Nicola Reach = Monte RS = 4486 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

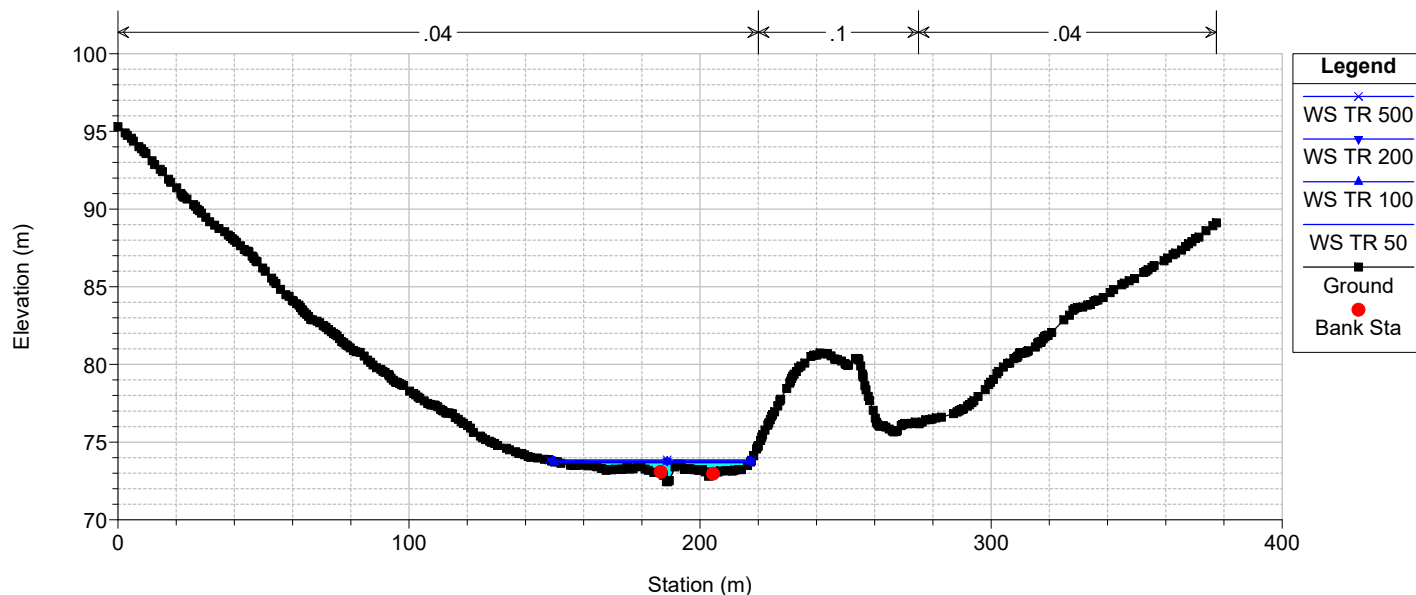
River = San Nicola Reach = Monte RS = 4426 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

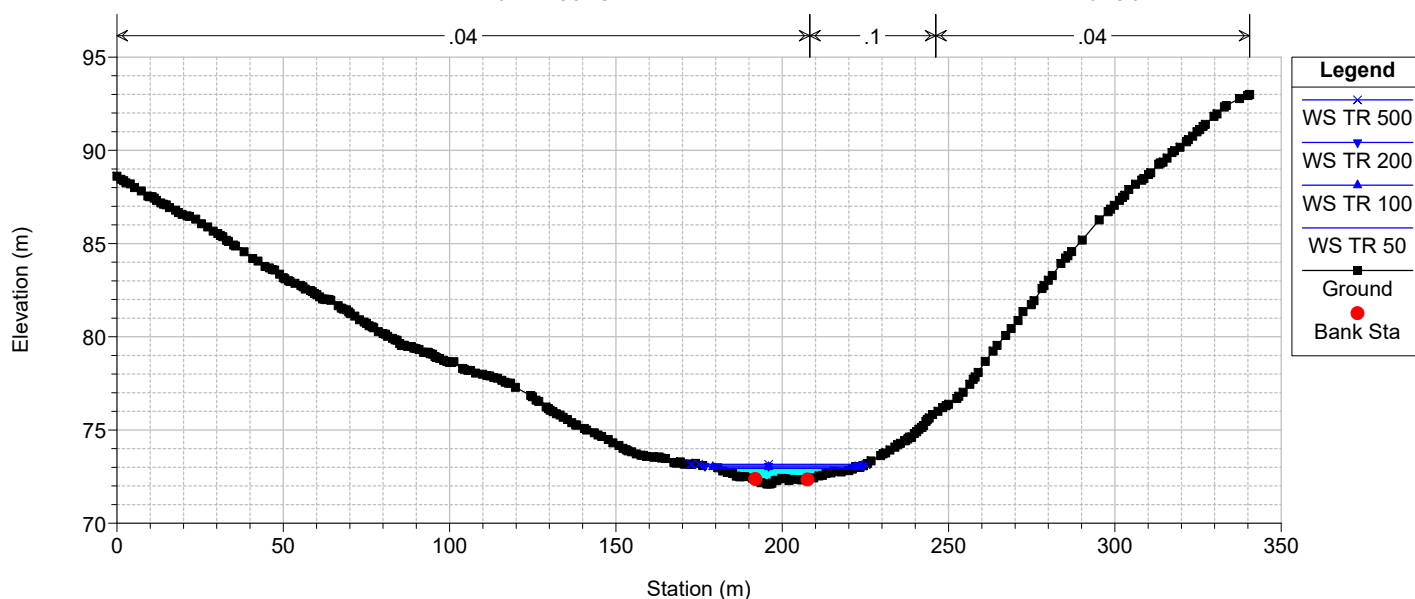
River = San Nicola Reach = Monte RS = 4374 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

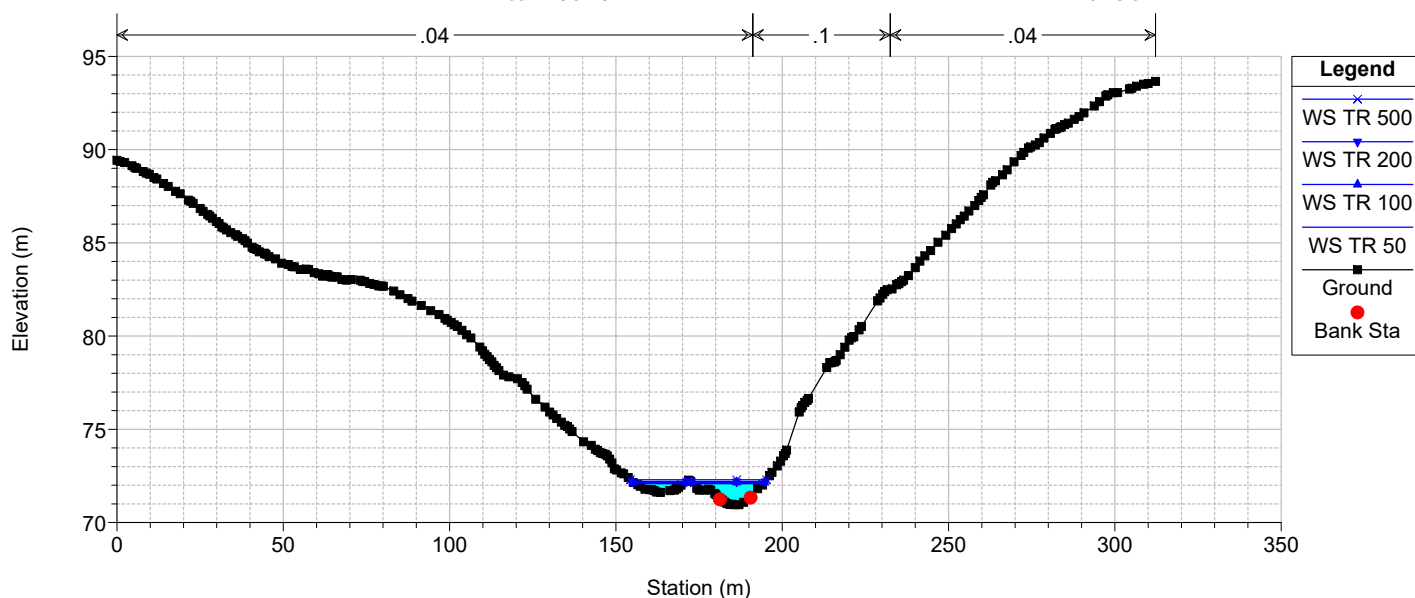
River = San Nicola Reach = Monte RS = 4324 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

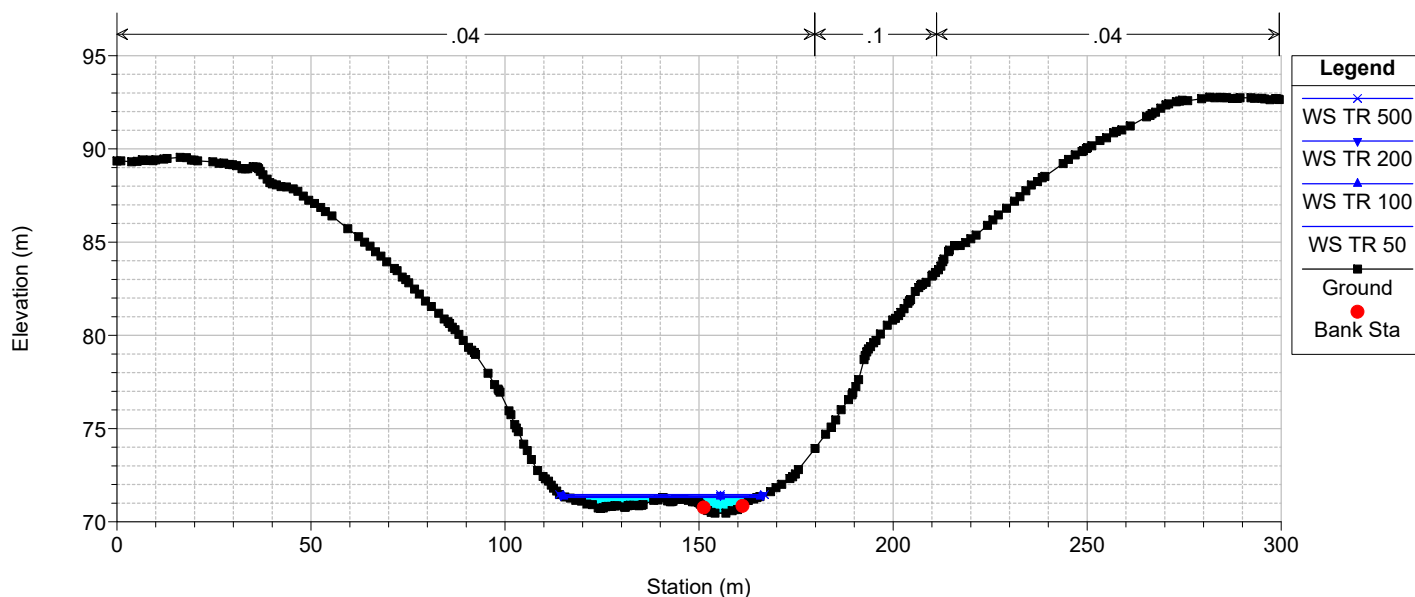
River = San Nicola Reach = Monte RS = 4265 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

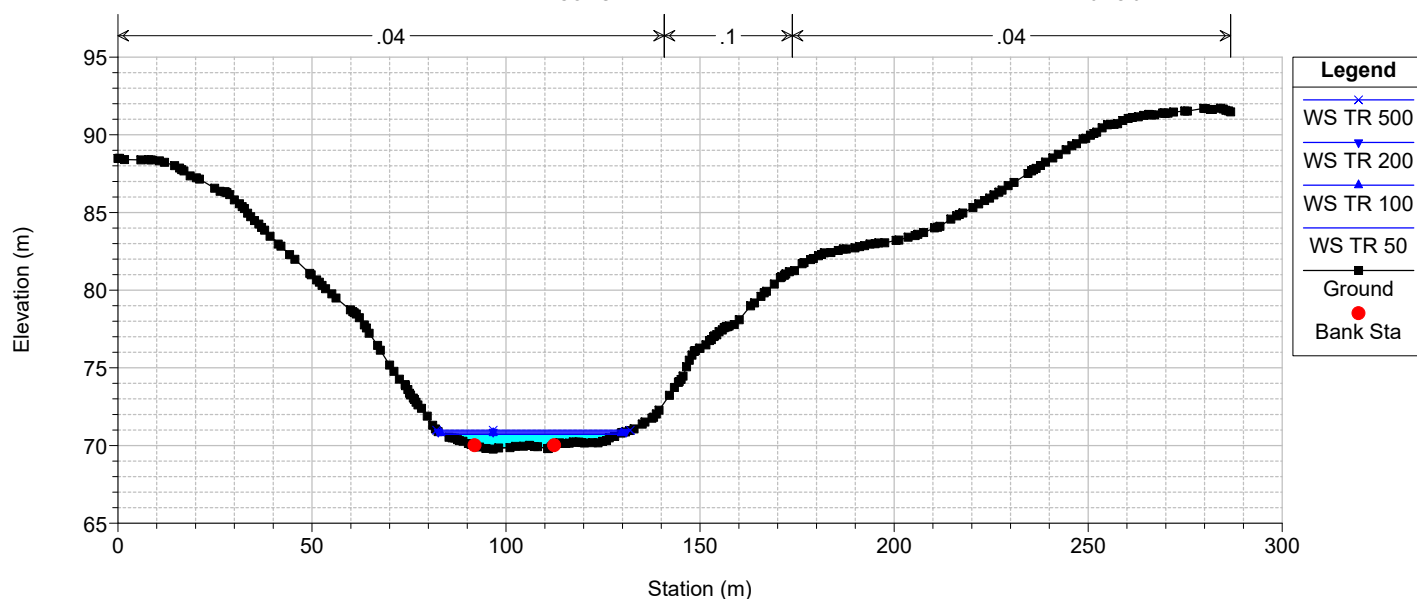
River = San Nicola Reach = Monte RS = 4209 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

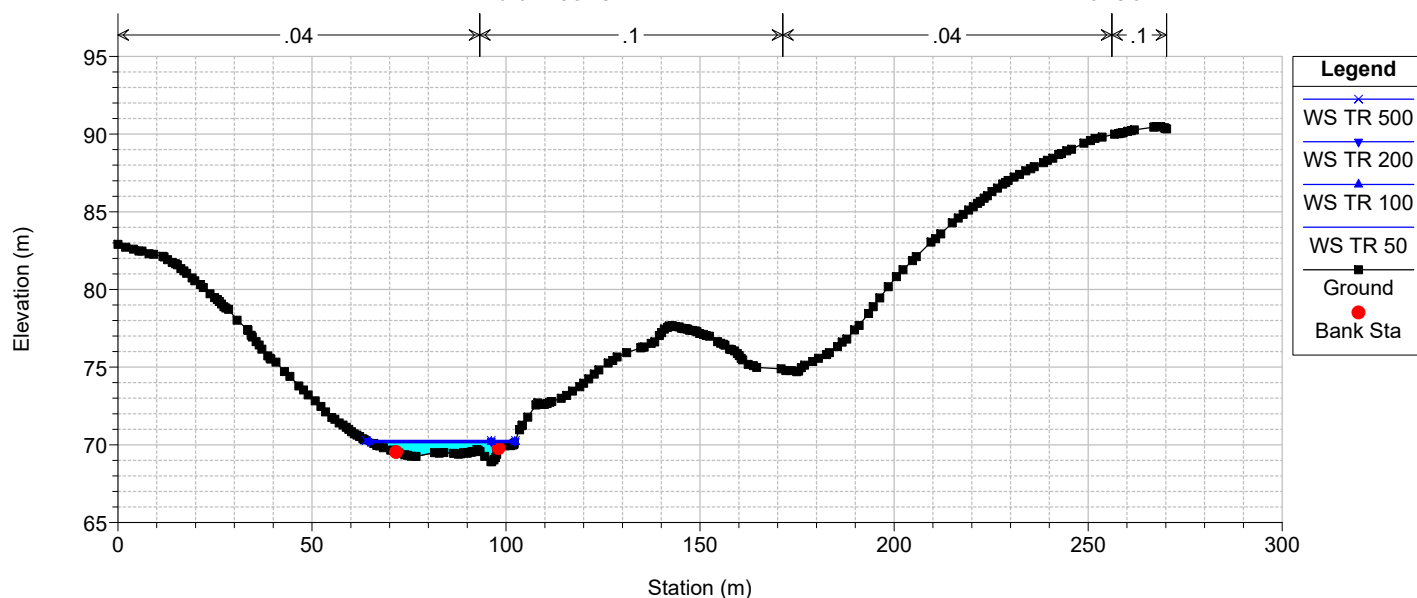
River = San Nicola Reach = Monte RS = 4147 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

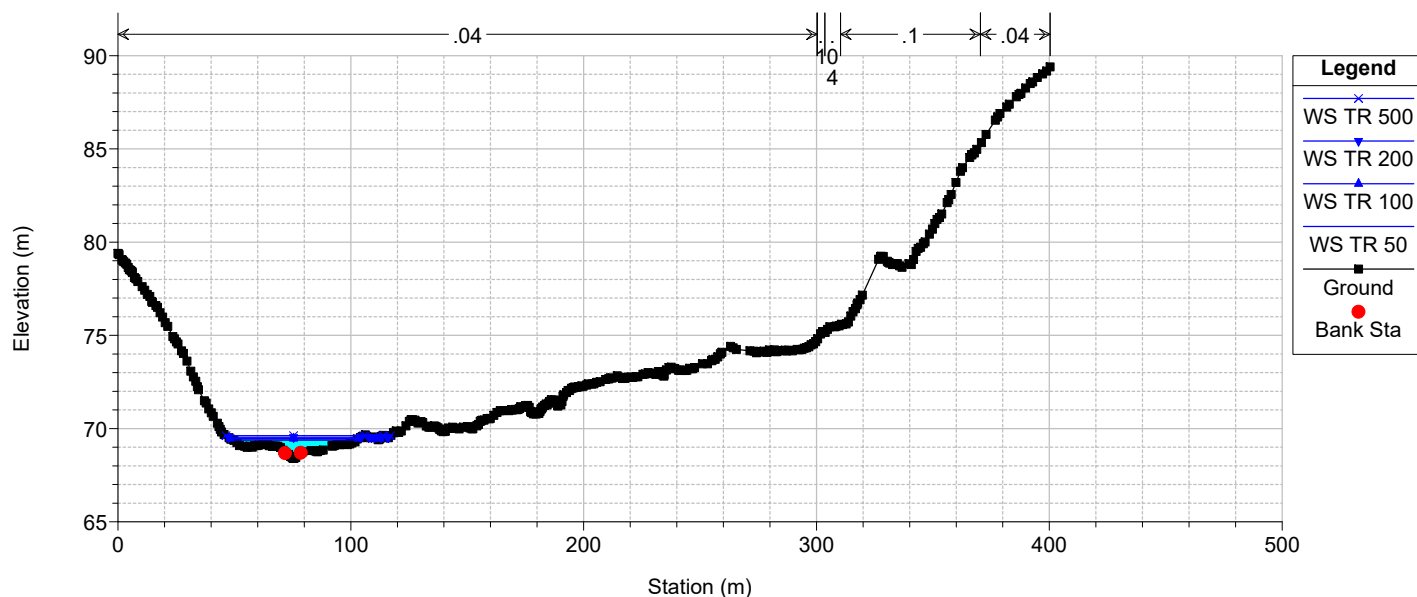
River = San Nicola Reach = Monte RS = 4075 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

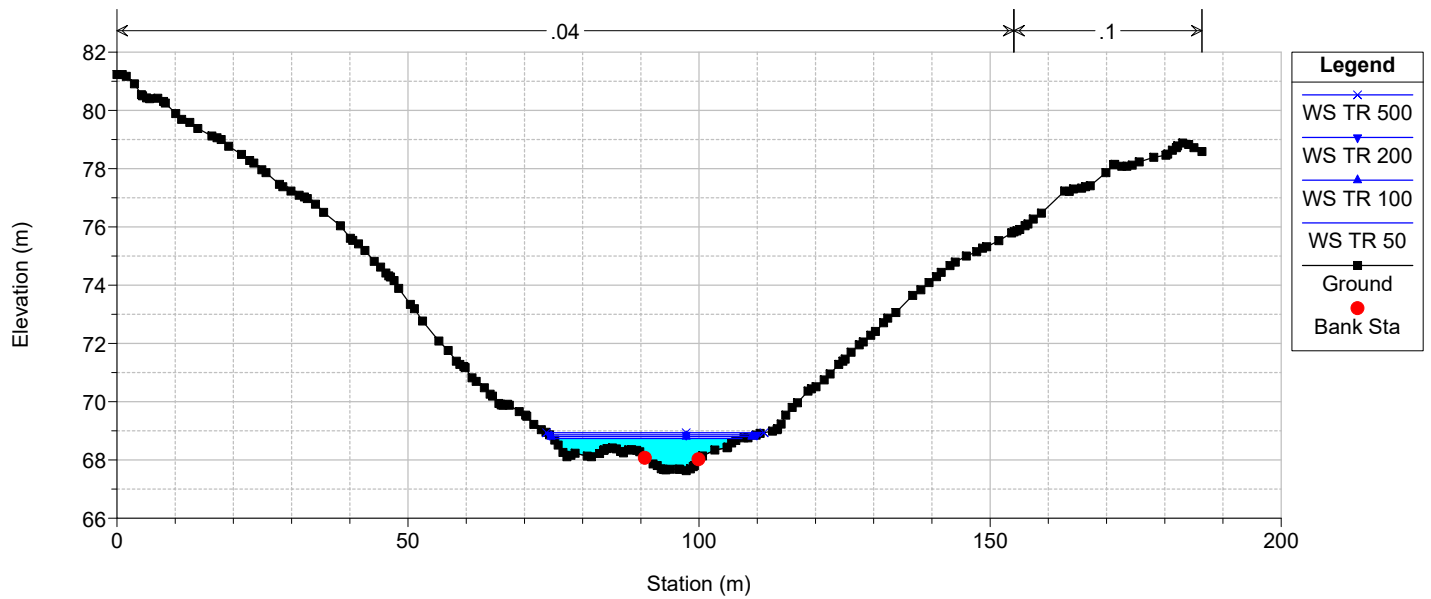
River = San Nicola Reach = Monte RS = 4008 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

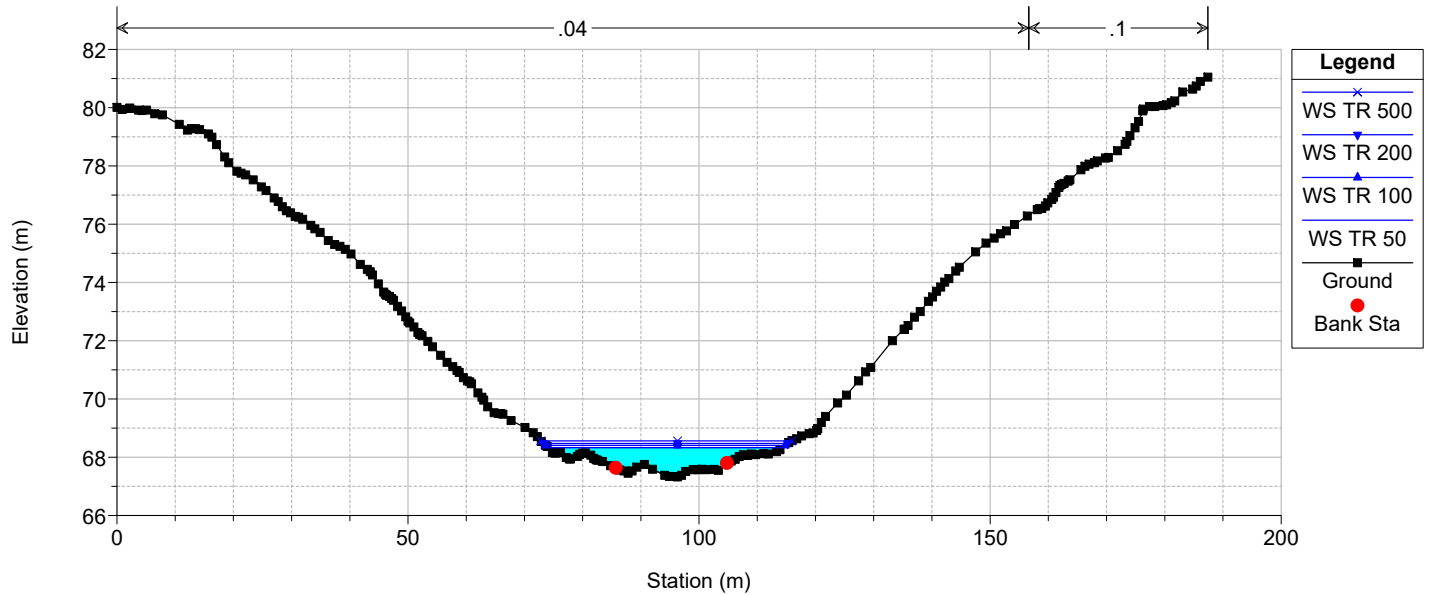
River = San Nicola Reach = Monte RS = 3959 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

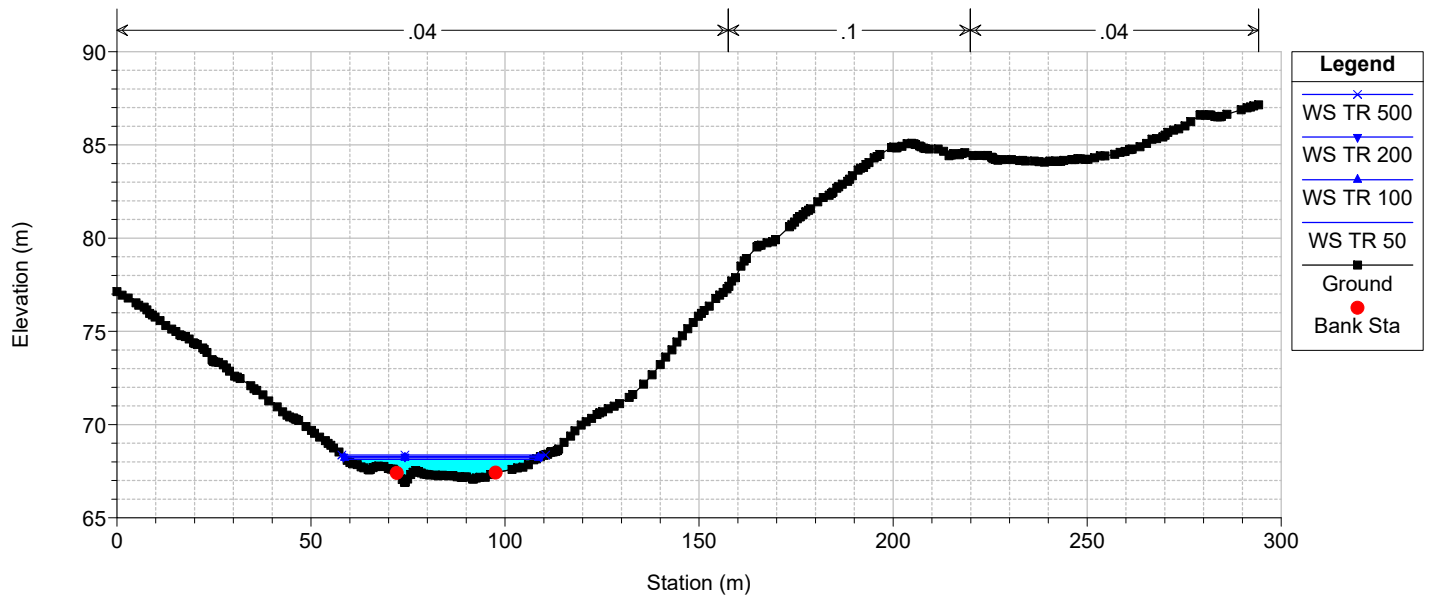
River = San Nicola Reach = Monte RS = 3919 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

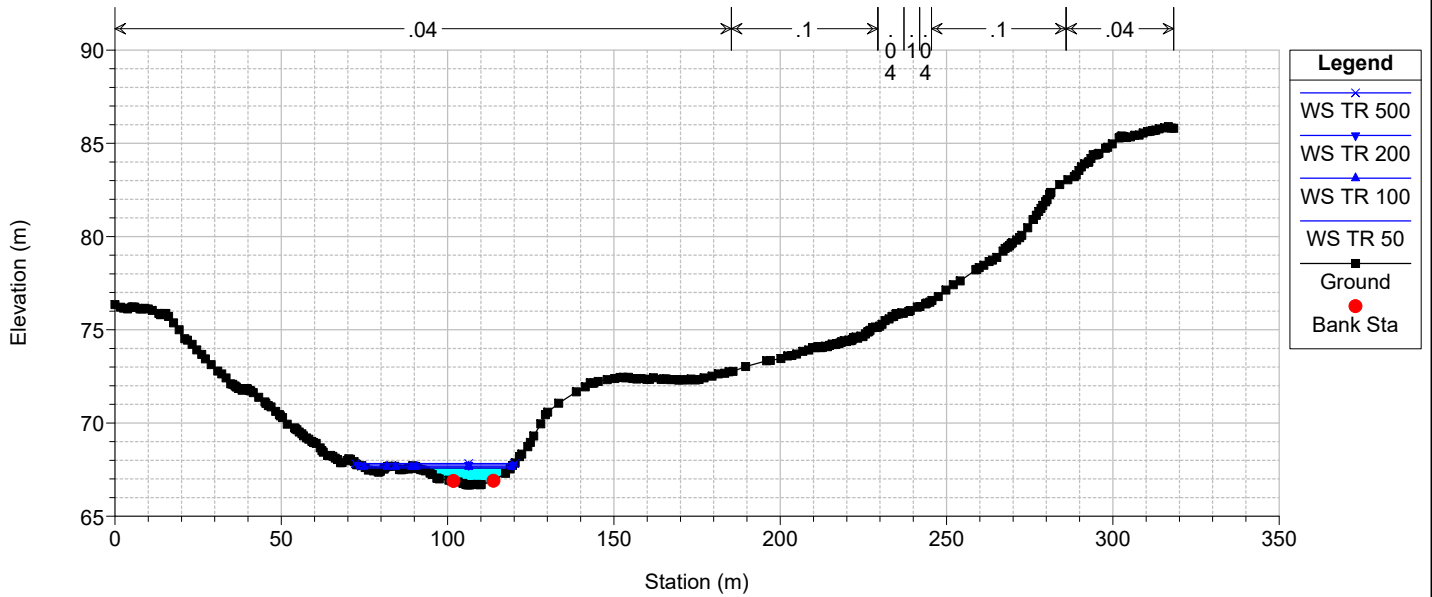
River = San Nicola Reach = Monte RS = 3867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

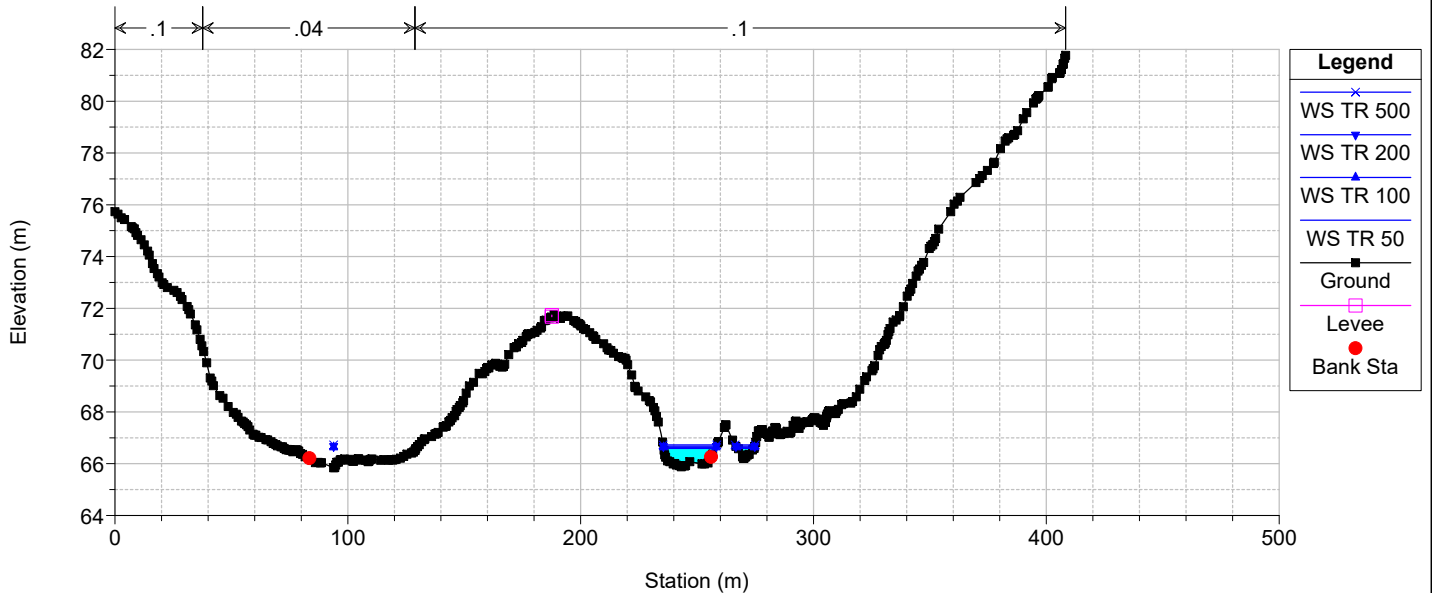
River = San Nicola Reach = Monte RS = 3807 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

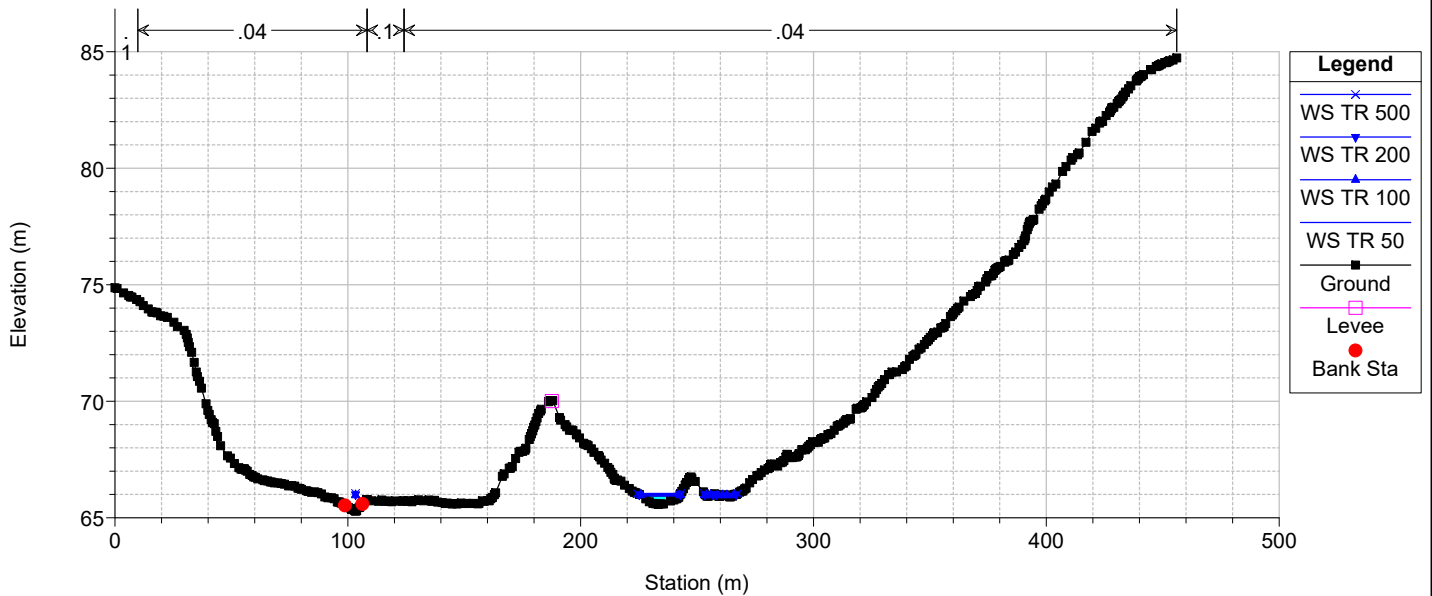
River = San Nicola Reach = Monte RS = 3739 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

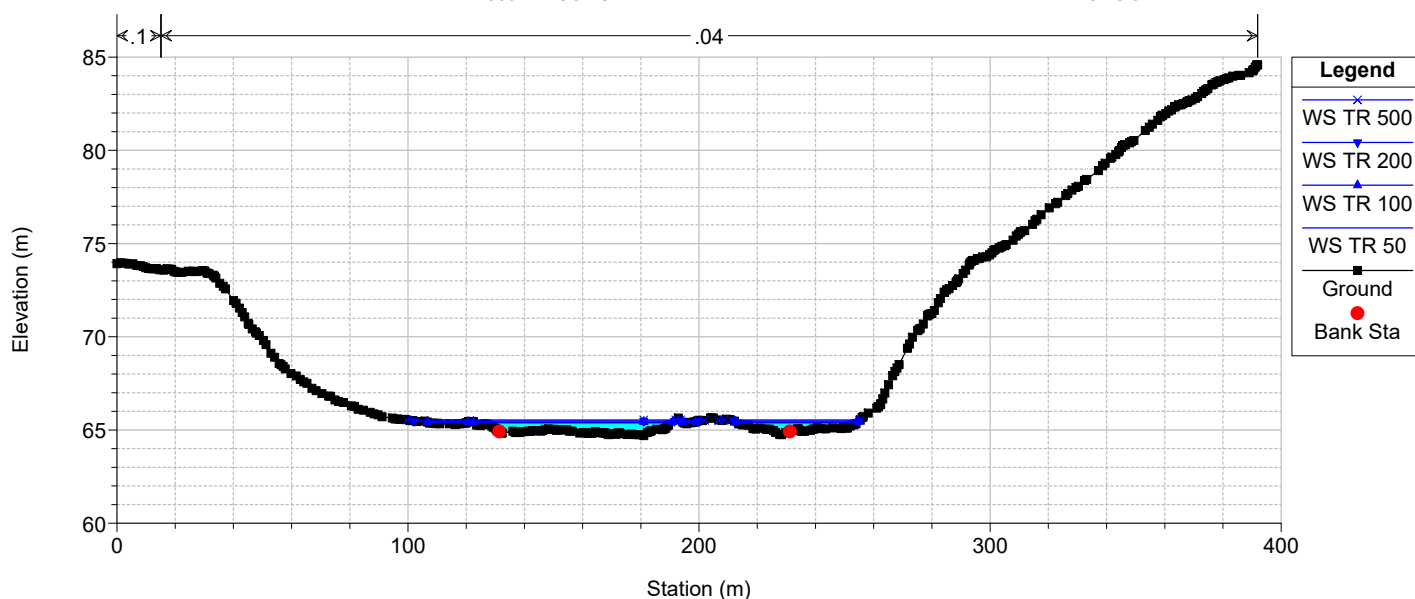
River = San Nicola Reach = Monte RS = 3699 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

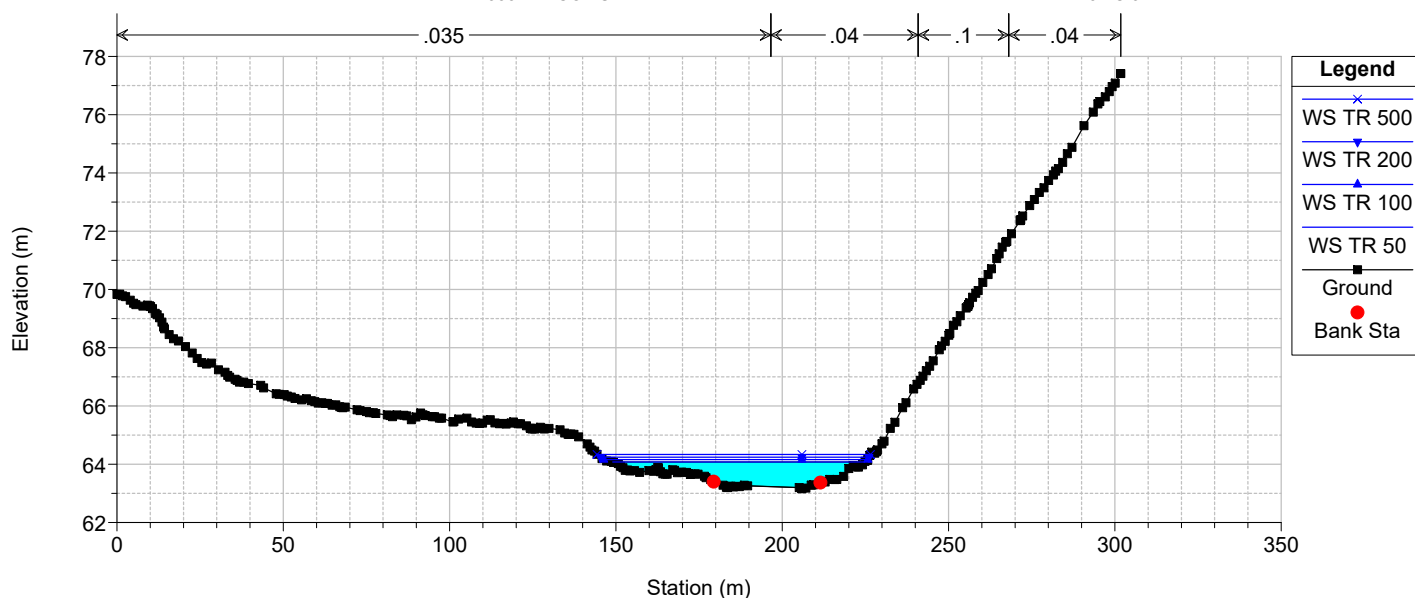
River = San Nicola Reach = Monte RS = 3667 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

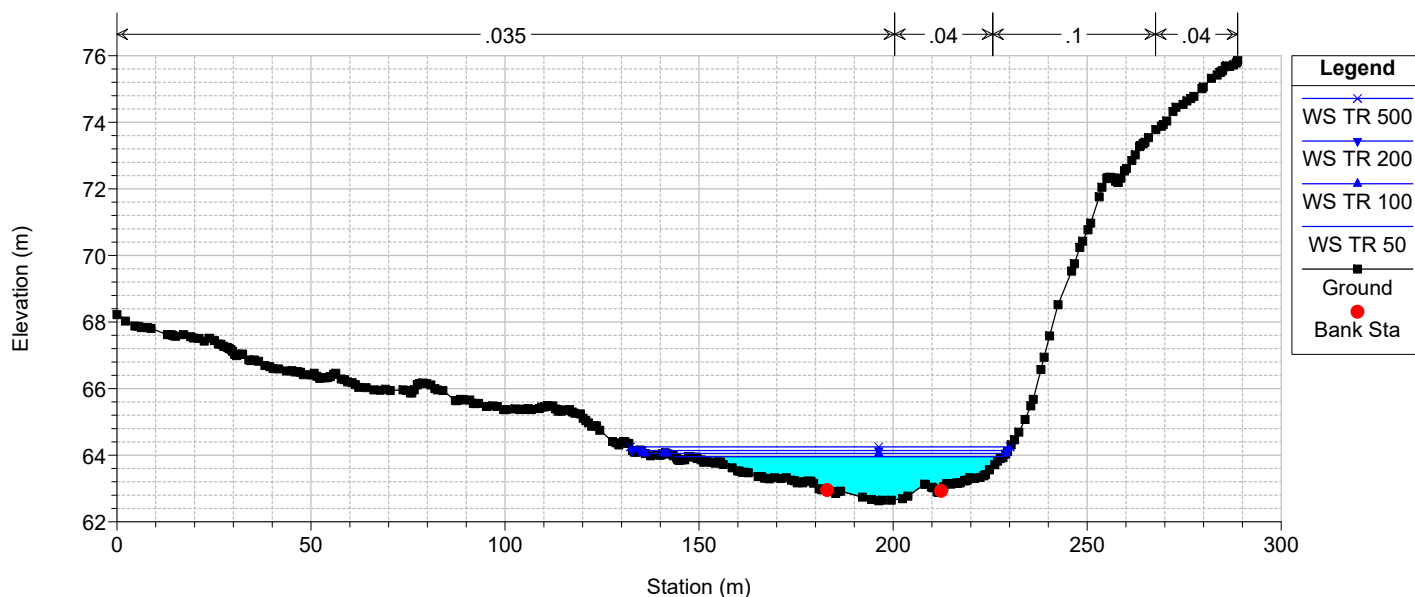
River = San Nicola Reach = Monte RS = 3552 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

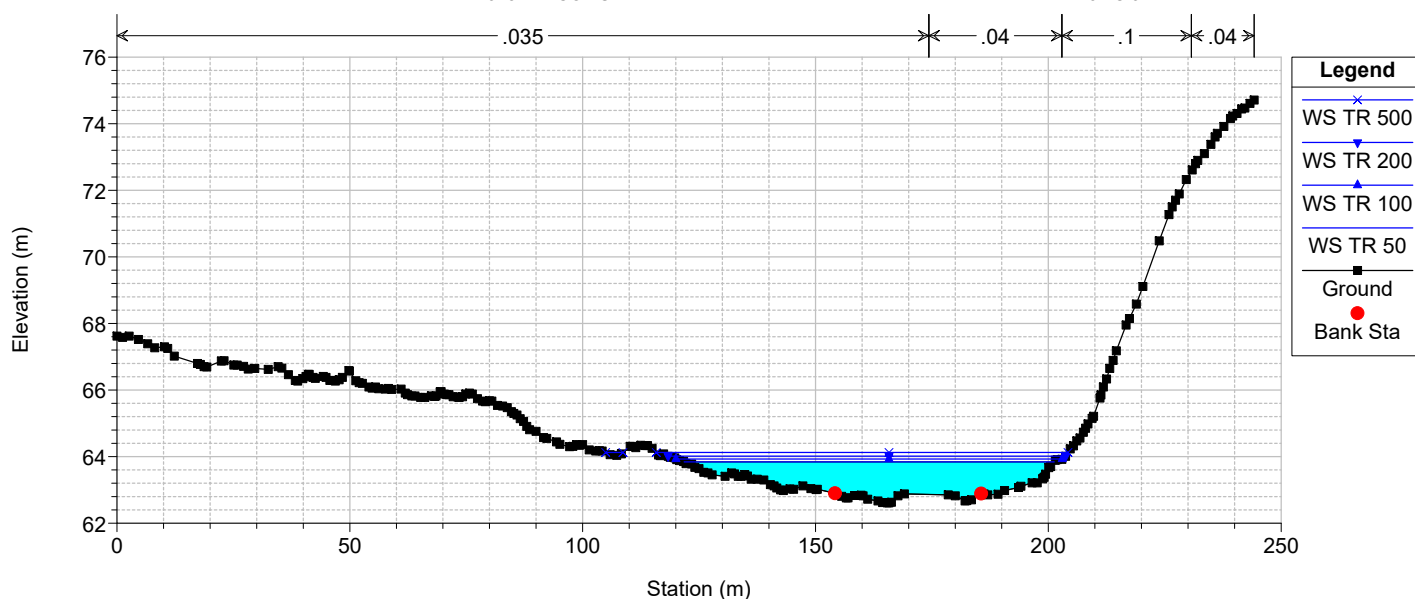
River = San Nicola Reach = Monte RS = 3521 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

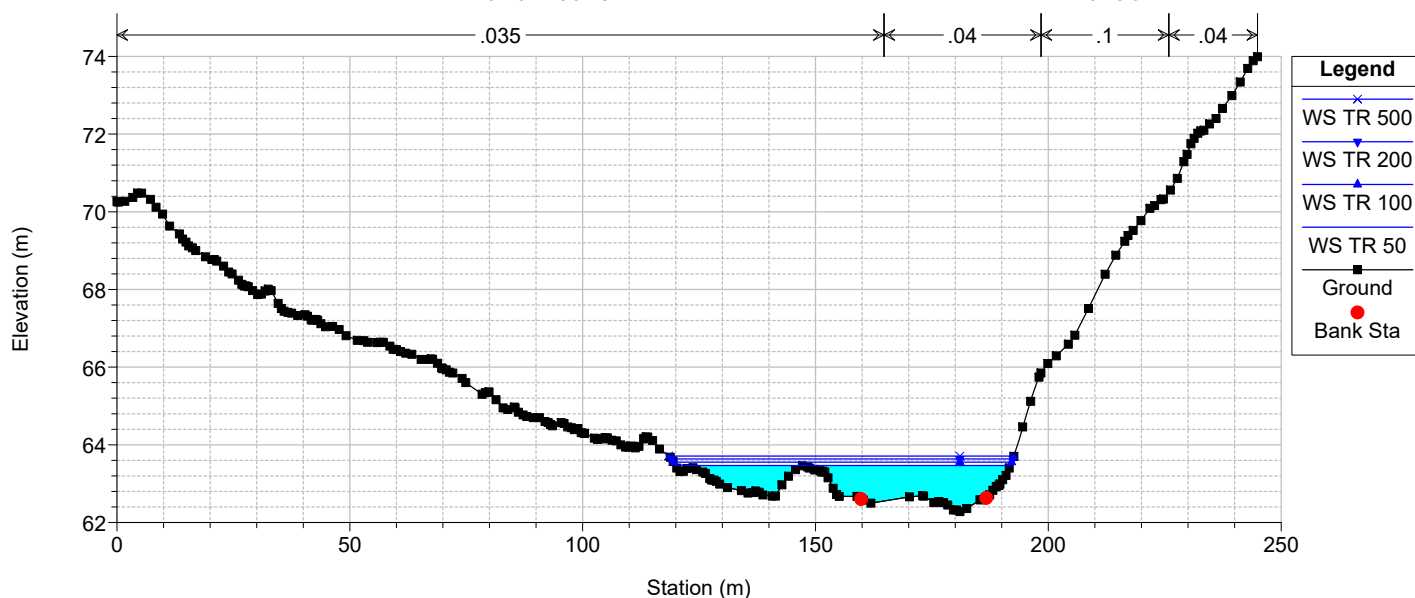
River = San Nicola Reach = Monte RS = 3487 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

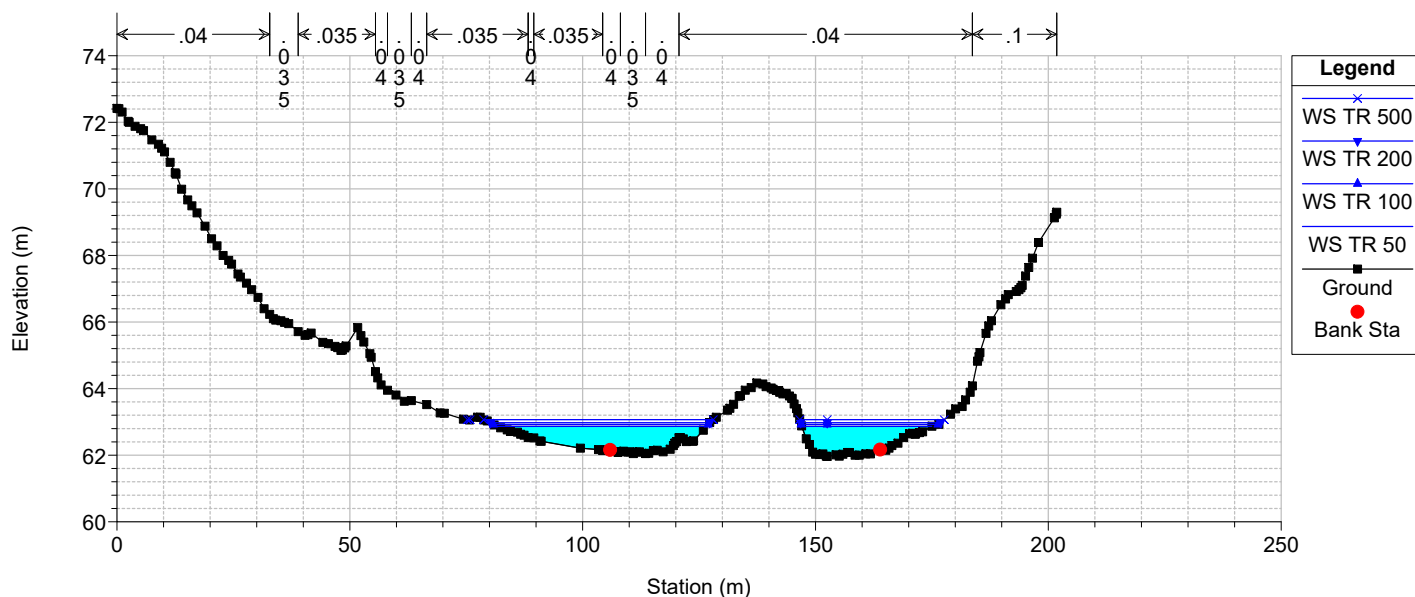
River = San Nicola Reach = Monte RS = 3440 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

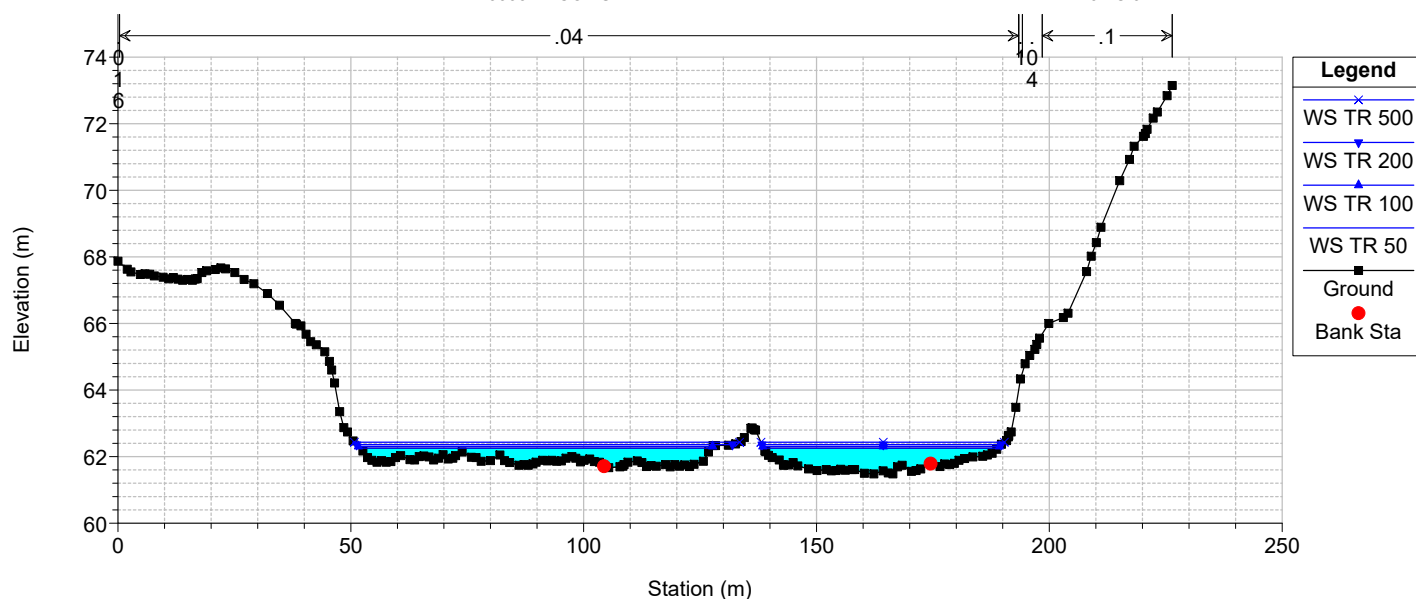
River = San Nicola Reach = Monte RS = 3389 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

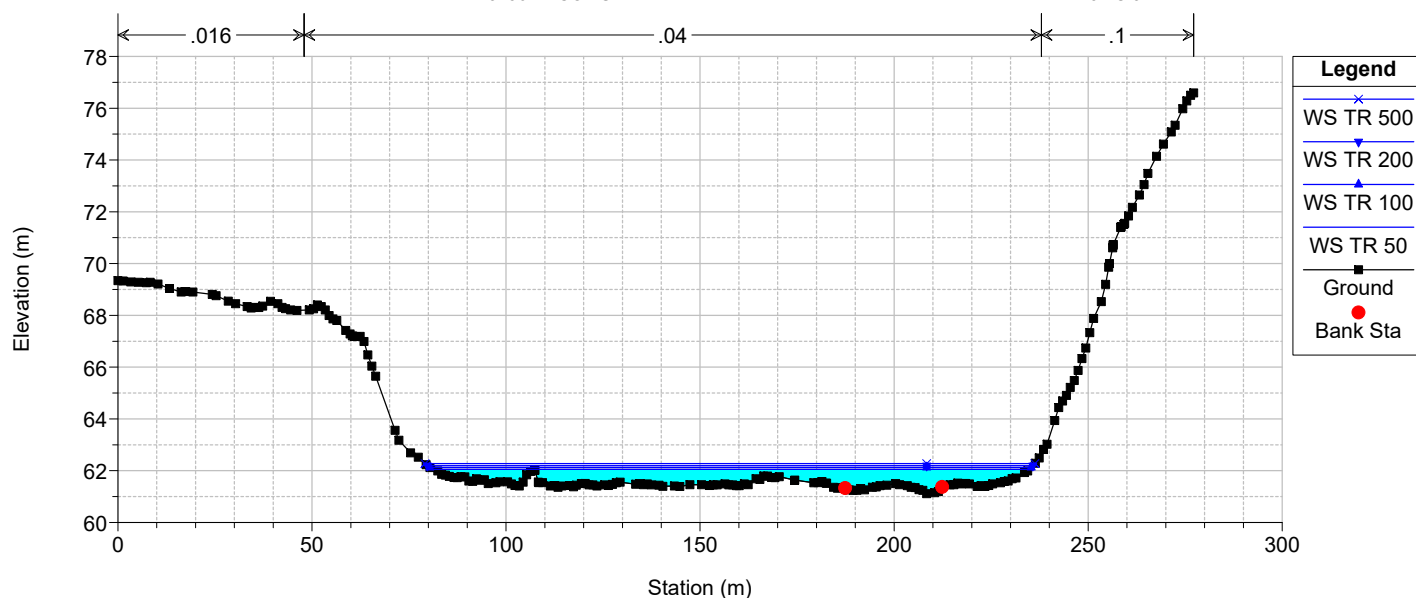
River = San Nicola Reach = Monte RS = 3335 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

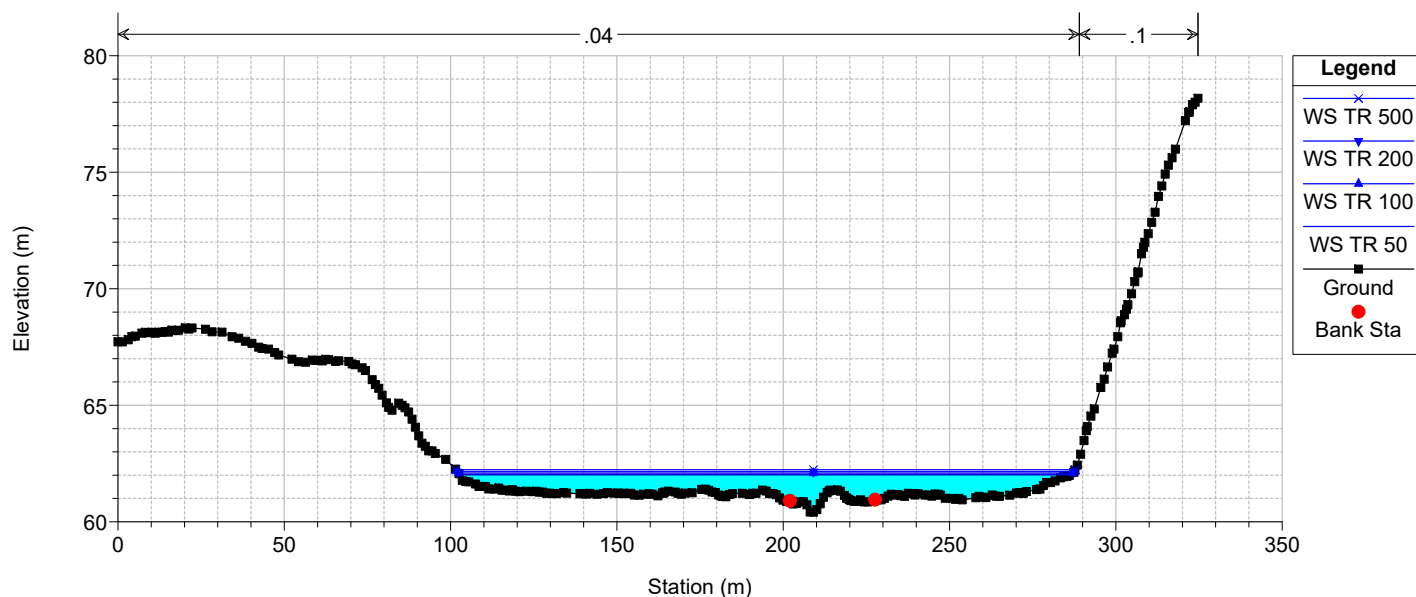
River = San Nicola Reach = Monte RS = 3296 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

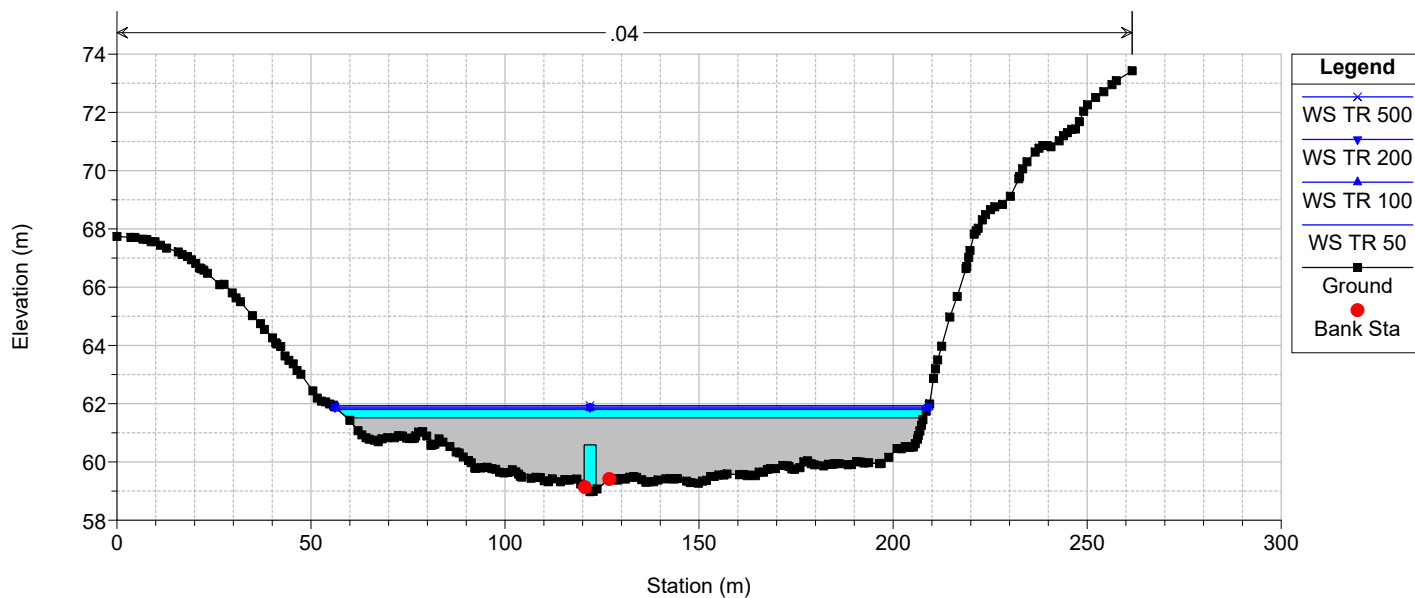
River = San Nicola Reach = Monte RS = 3251 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

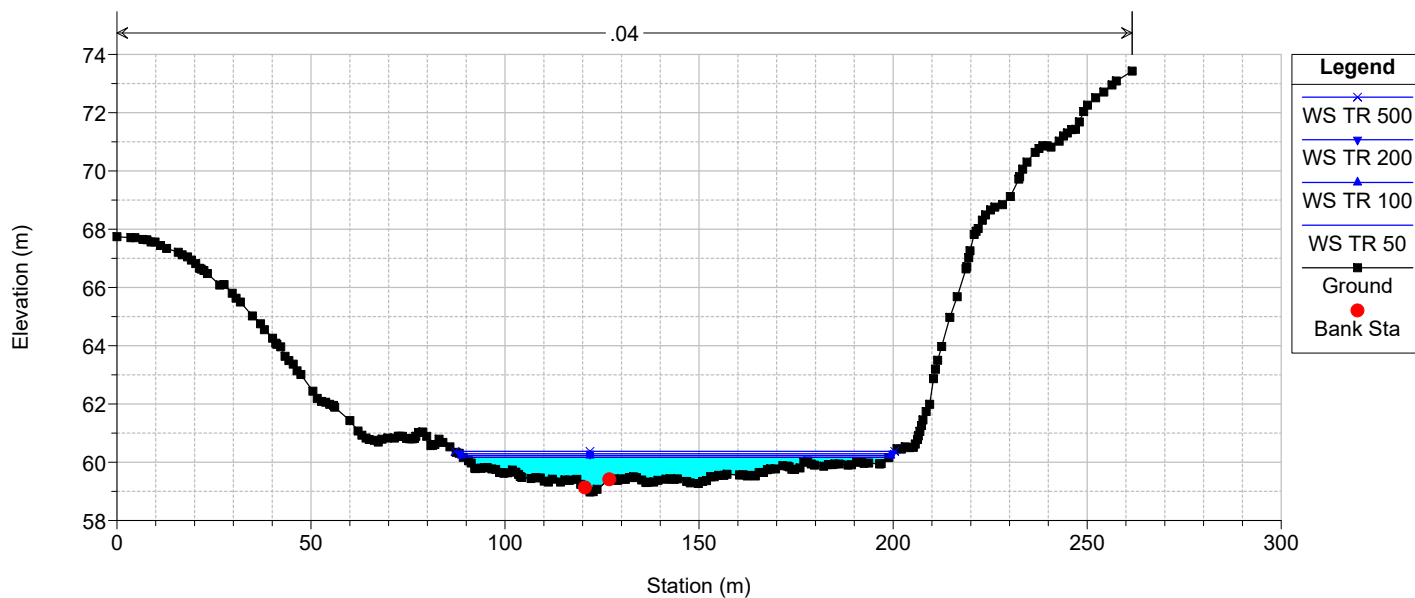
River = San Nicola Reach = Monte RS = 3090 Culv C73 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

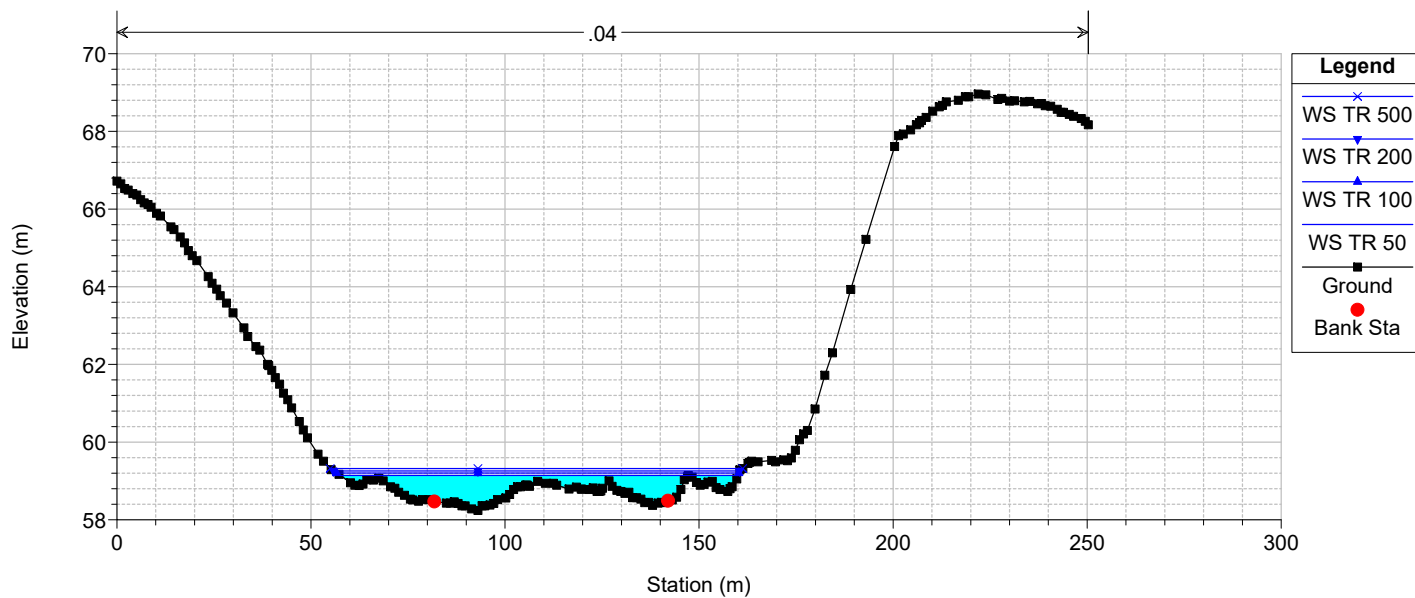
River = San Nicola Reach = Monte RS = 3064 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

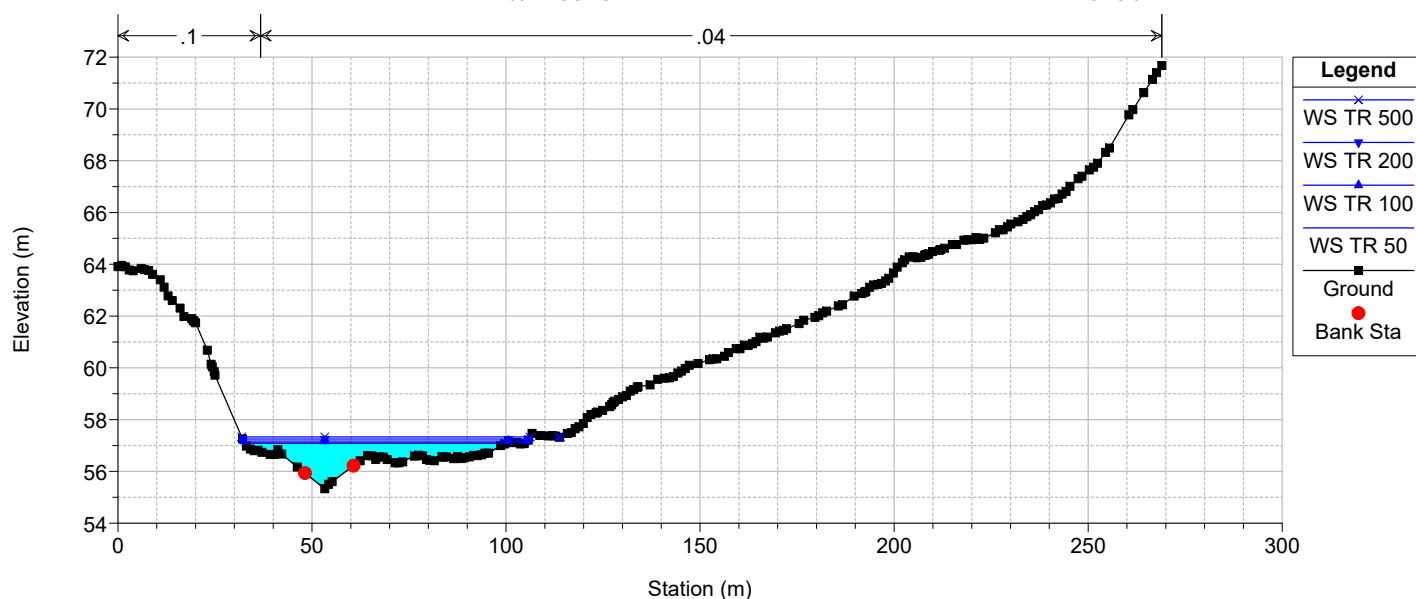
River = San Nicola Reach = Monte RS = 2977 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

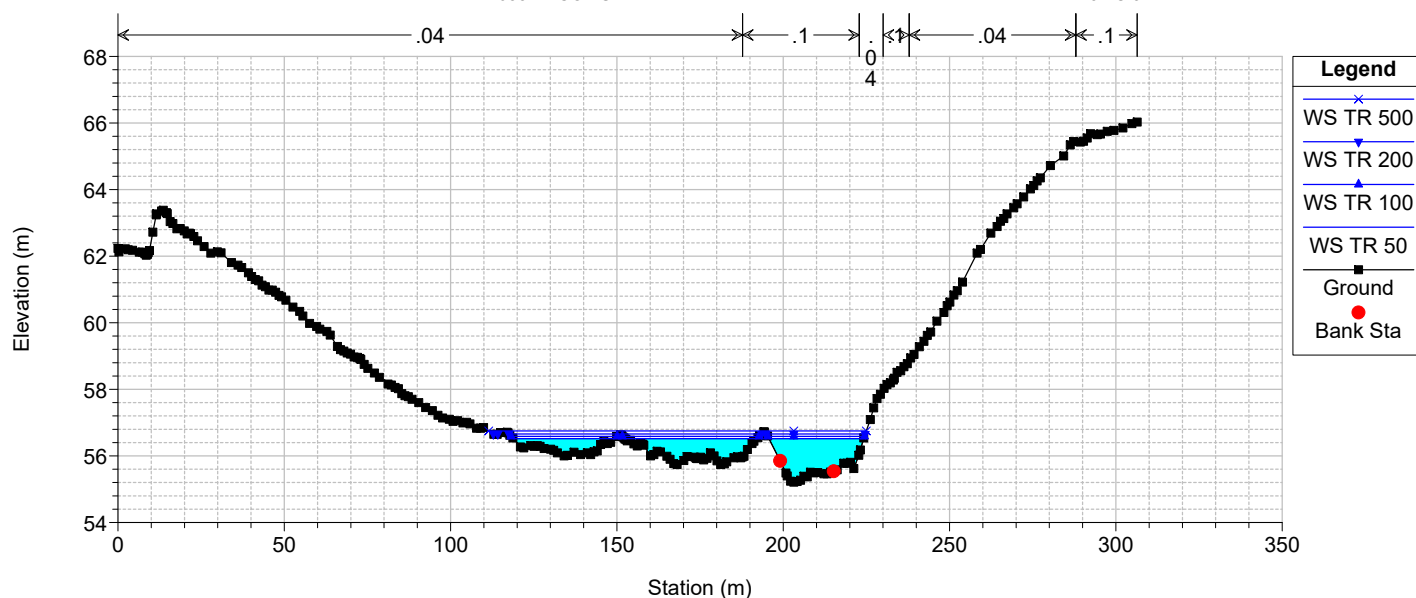
River = San Nicola Reach = Monte RS = 2709 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

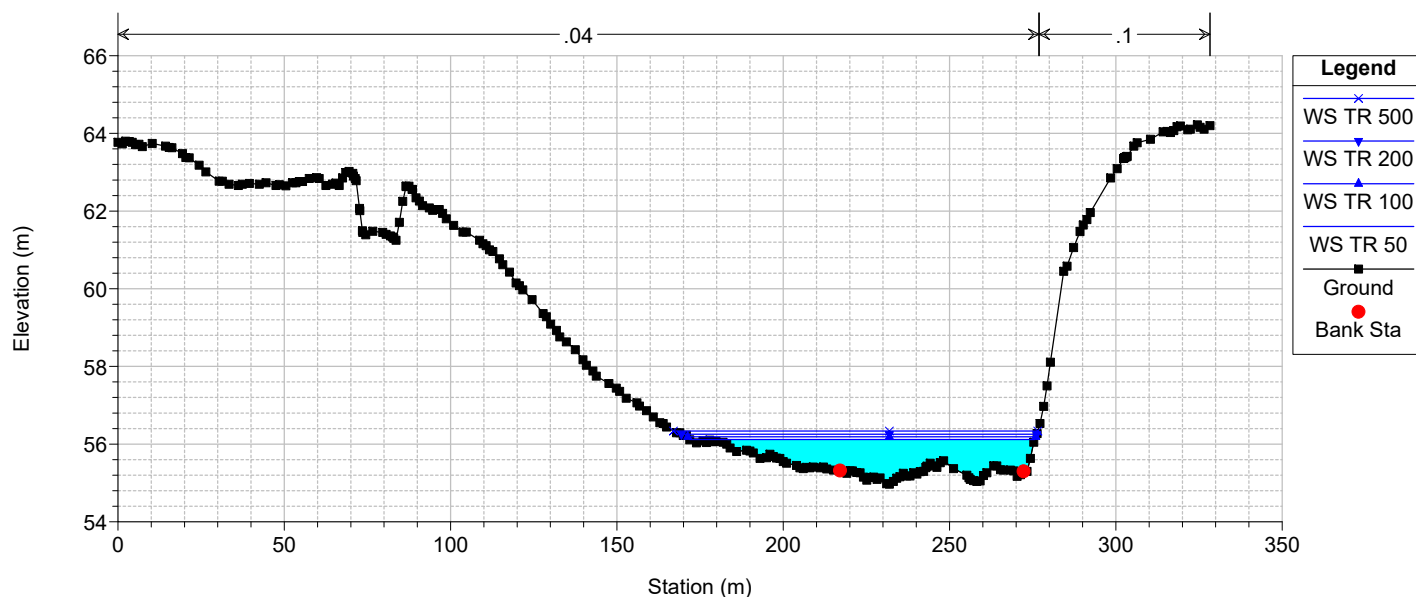
River = San Nicola Reach = Monte RS = 2655 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

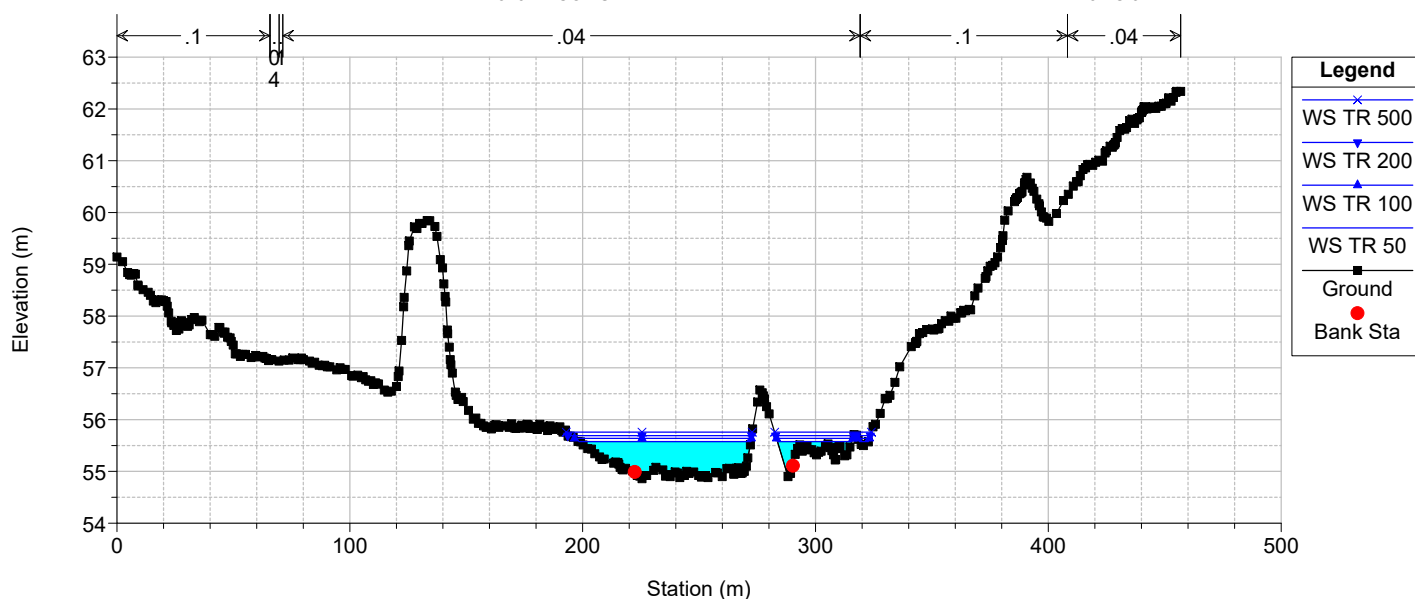
River = San Nicola Reach = Monte RS = 2600 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

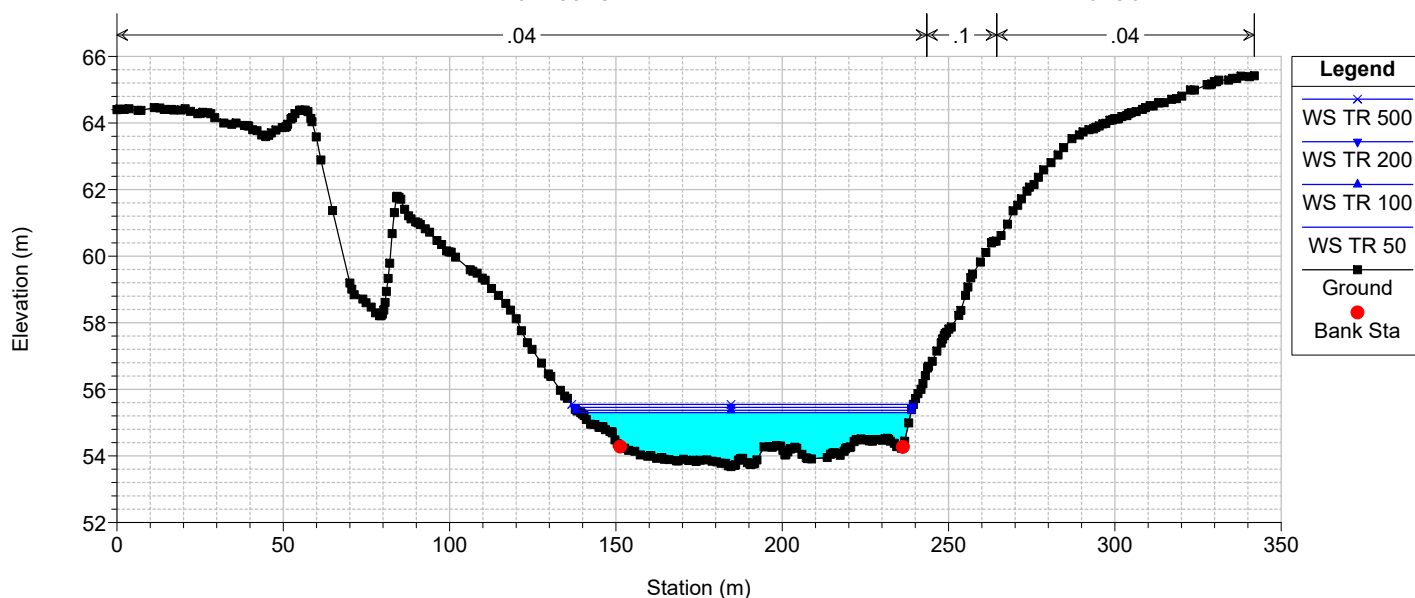
River = San Nicola Reach = Monte RS = 2549 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

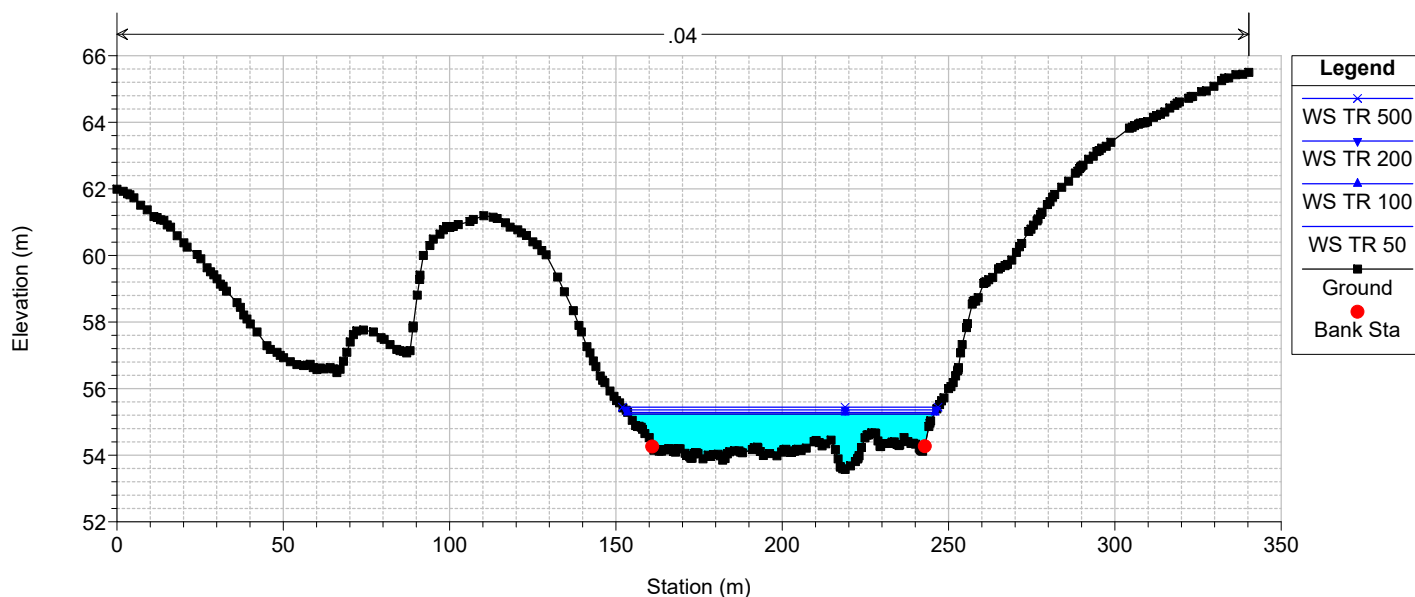
River = San Nicola Reach = Monte RS = 2443 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

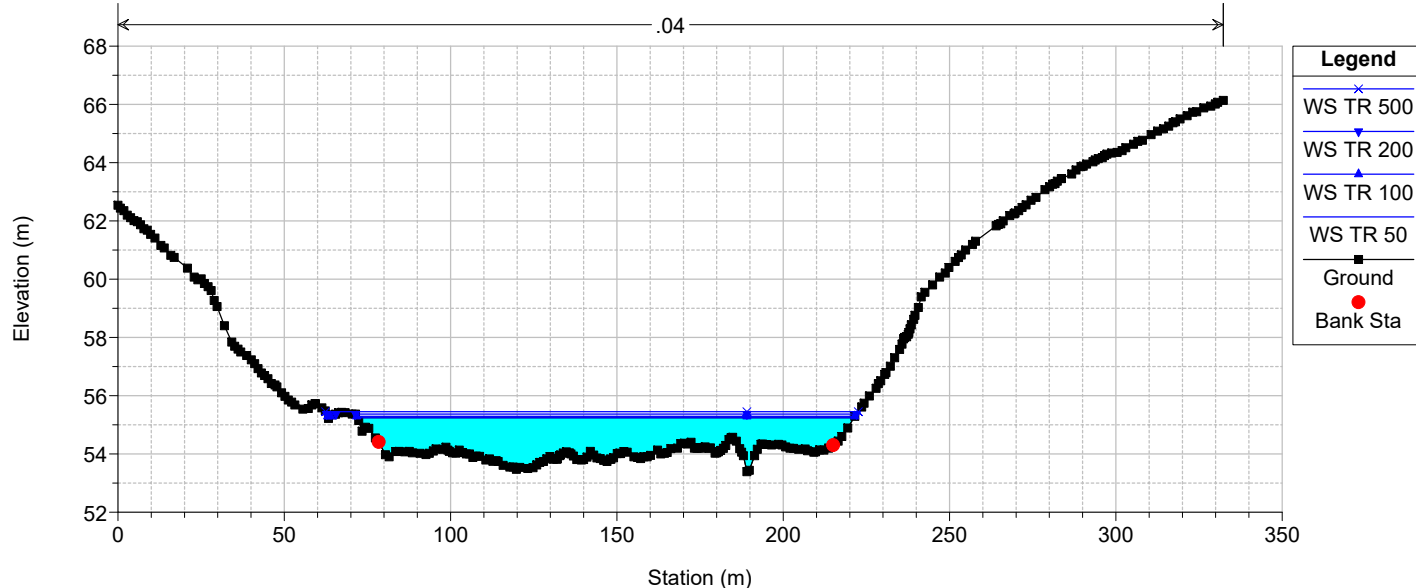
River = San Nicola Reach = Monte RS = 2396 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

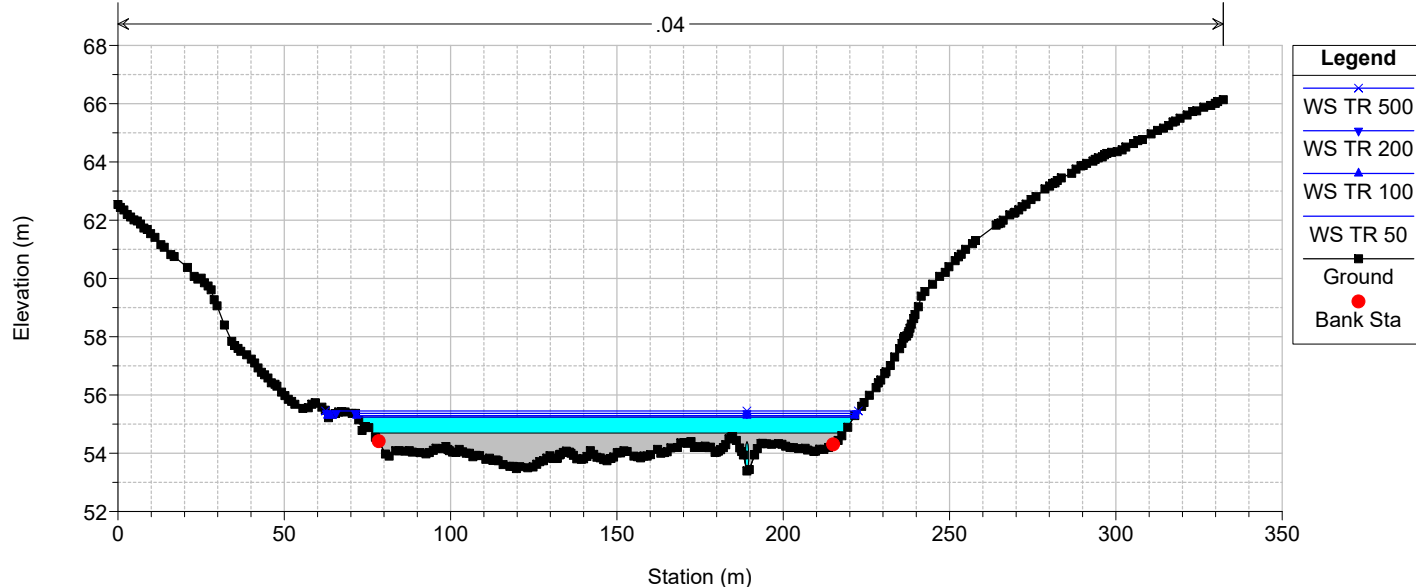
River = San Nicola Reach = Monte RS = 2361 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

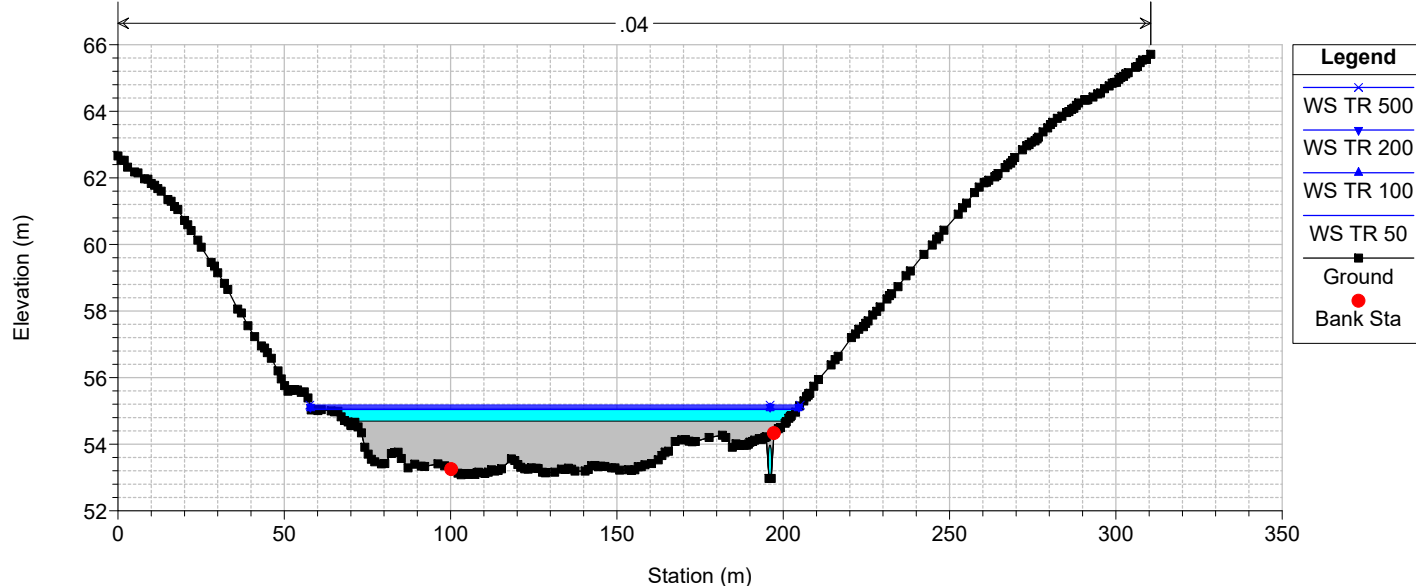
River = San Nicola Reach = Monte RS = 2351 Culv 494 C74 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

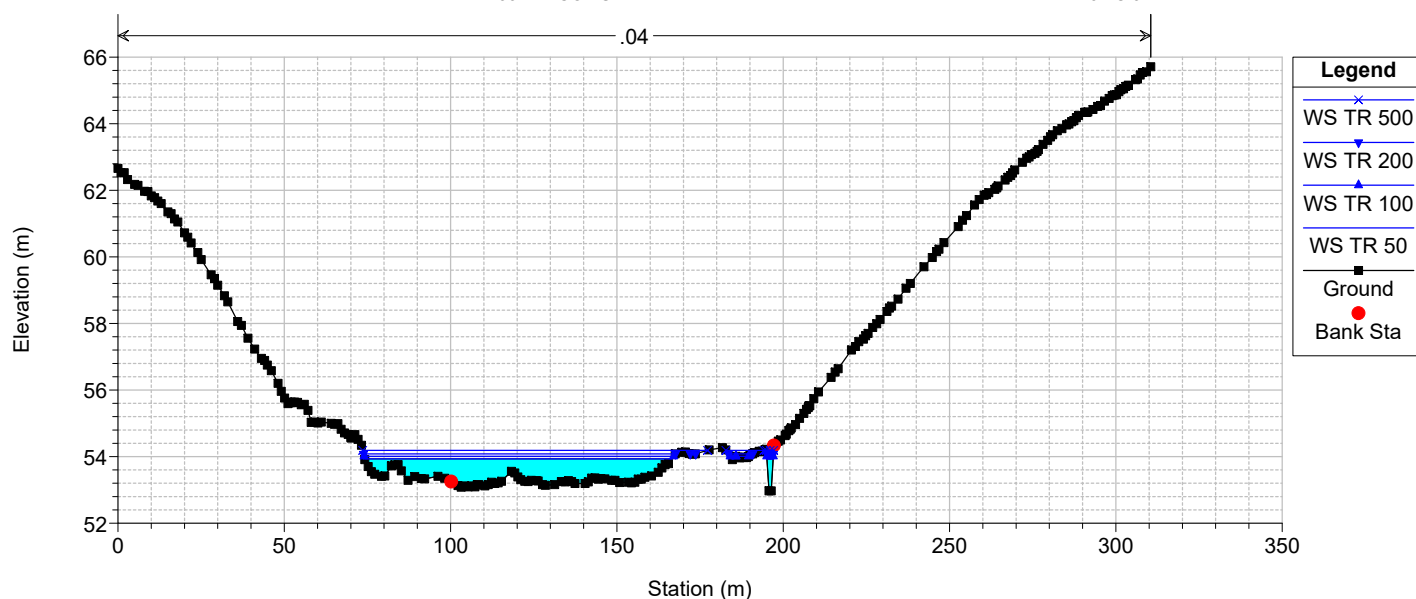
River = San Nicola Reach = Monte RS = 2351 Culv 494 C74 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

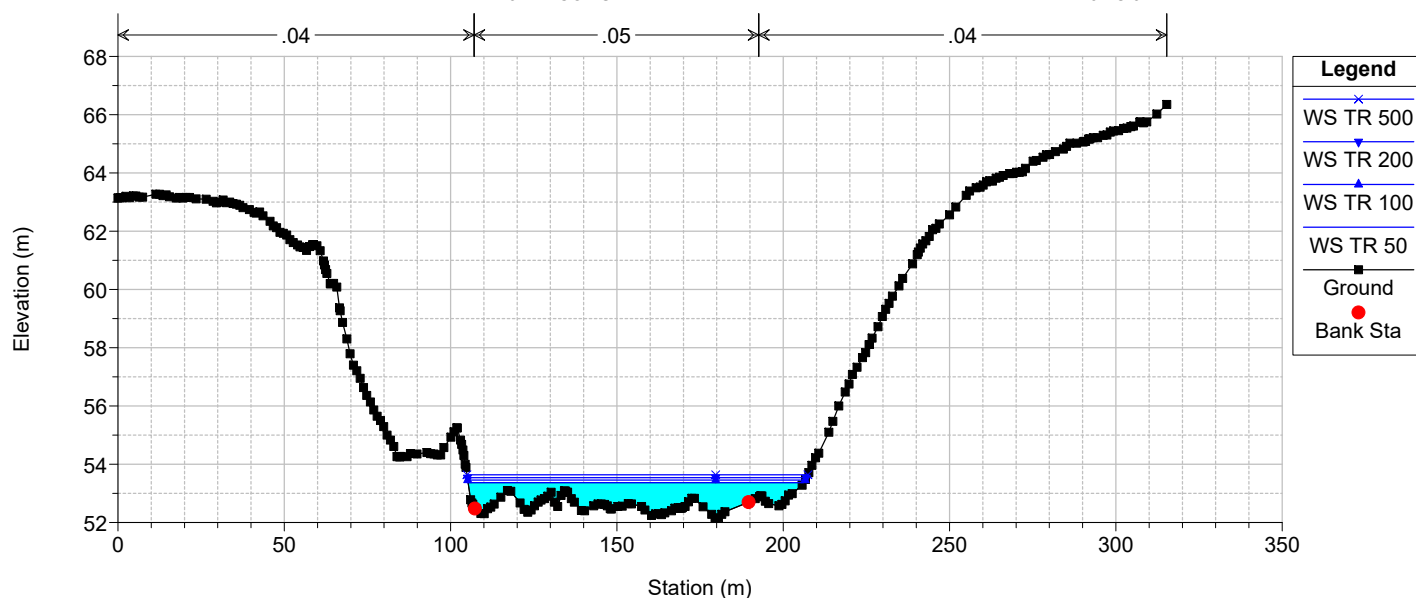
River = San Nicola Reach = Monte RS = 2337 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

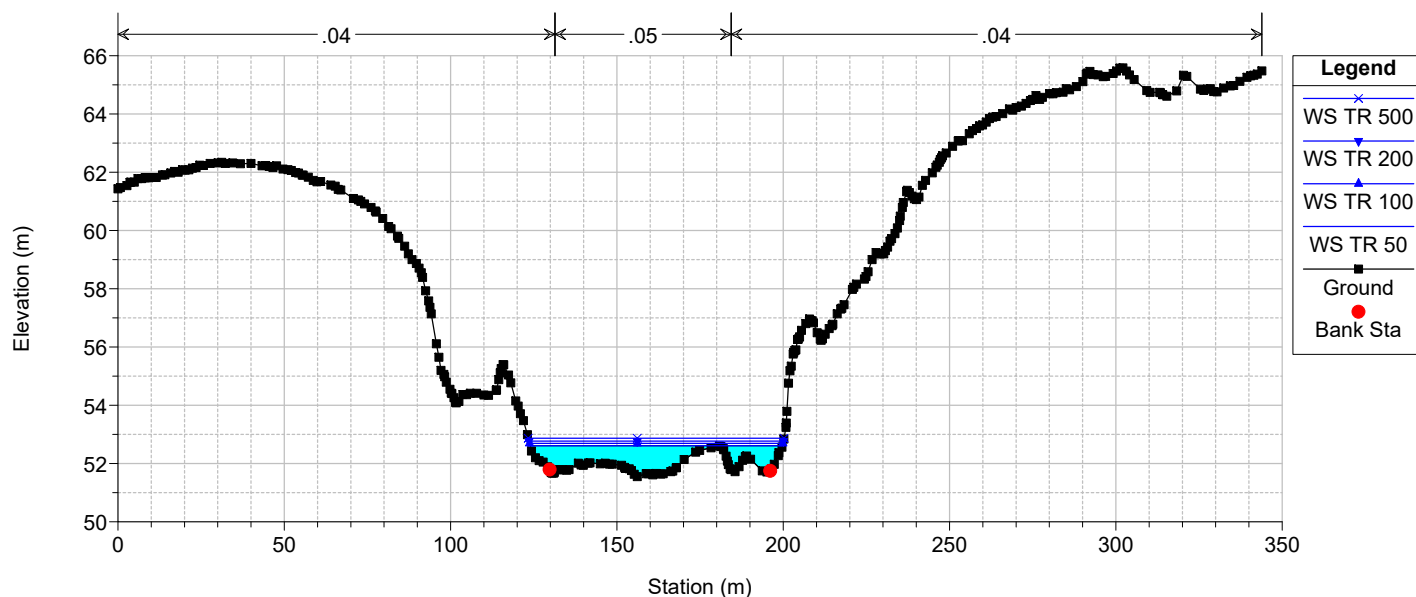
River = San Nicola Reach = Monte RS = 2232 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

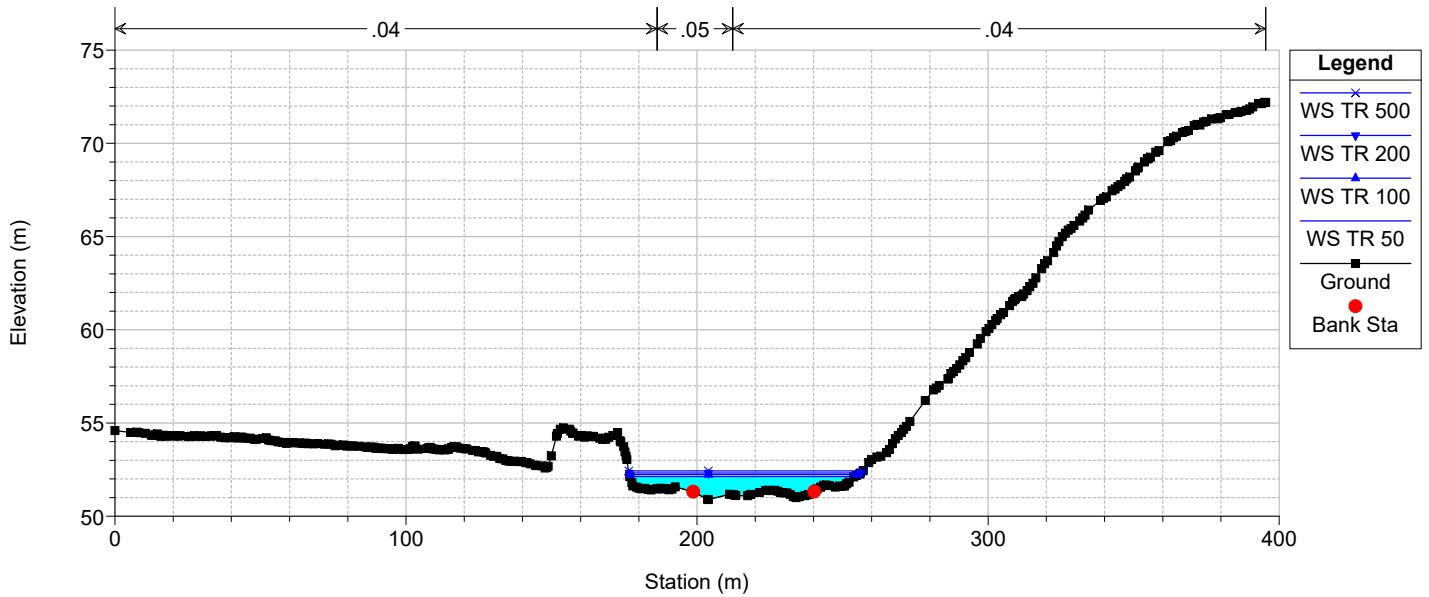
River = San Nicola Reach = Monte RS = 2147 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

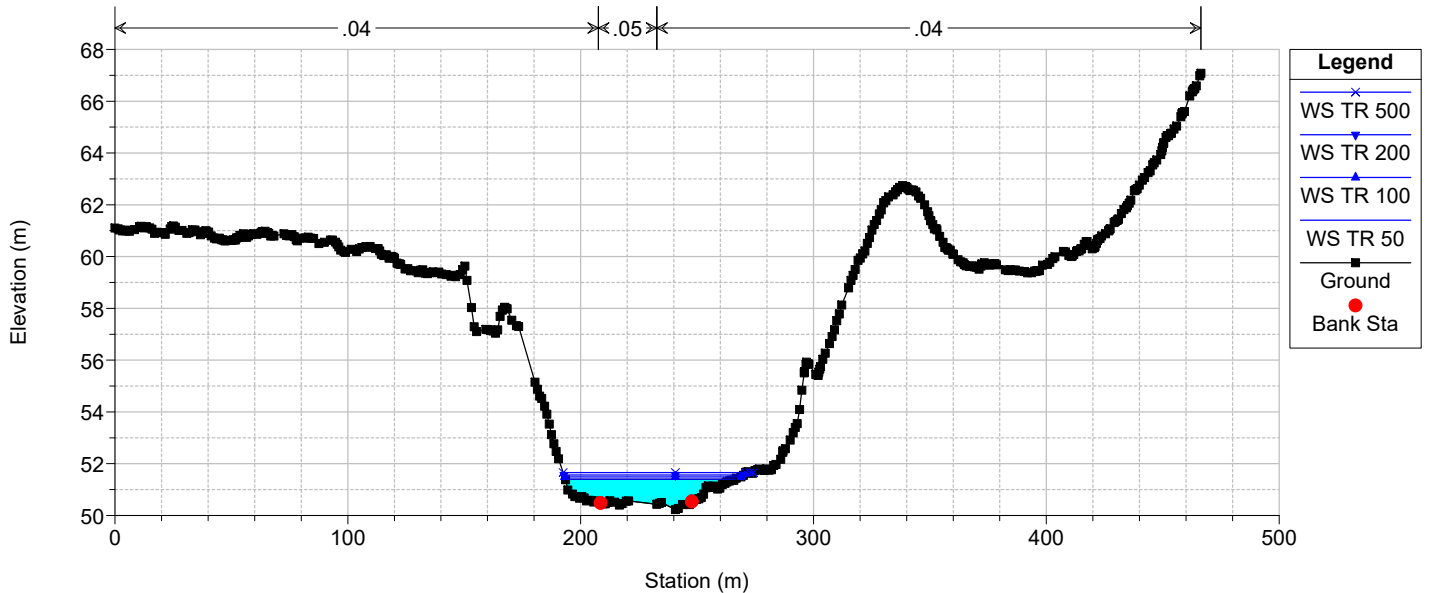
River = San Nicola Reach = Monte RS = 2080 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

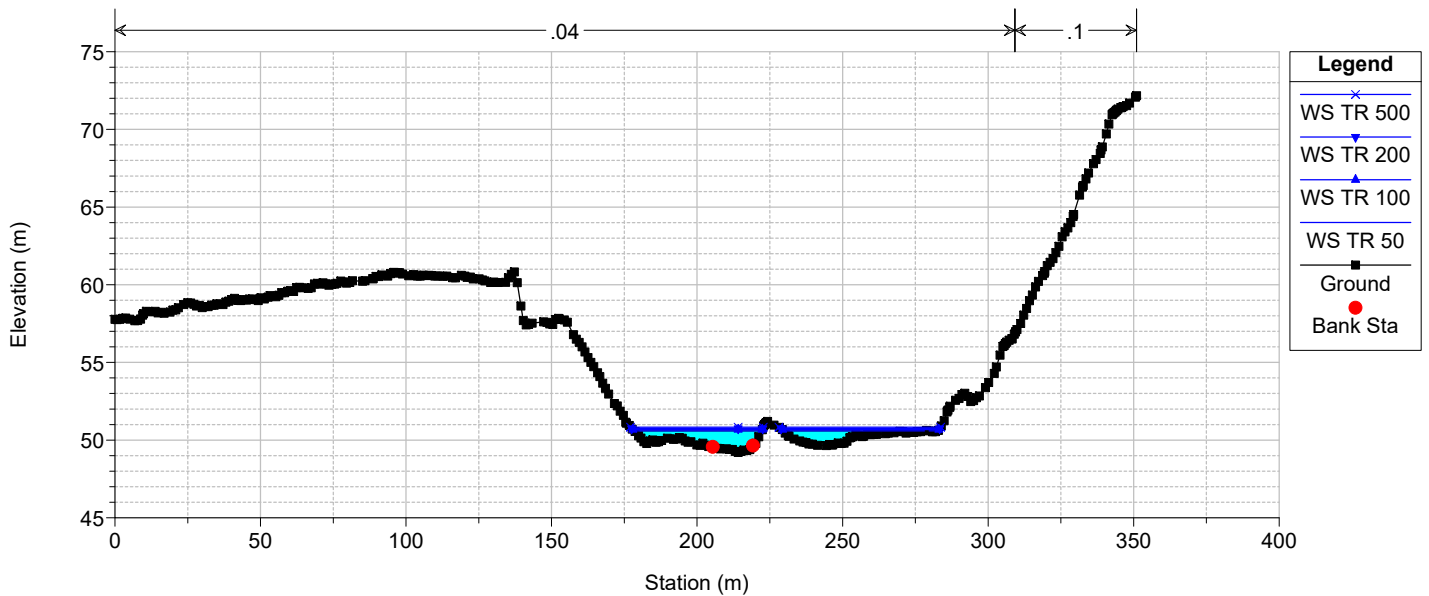
River = San Nicola Reach = Monte RS = 1965 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

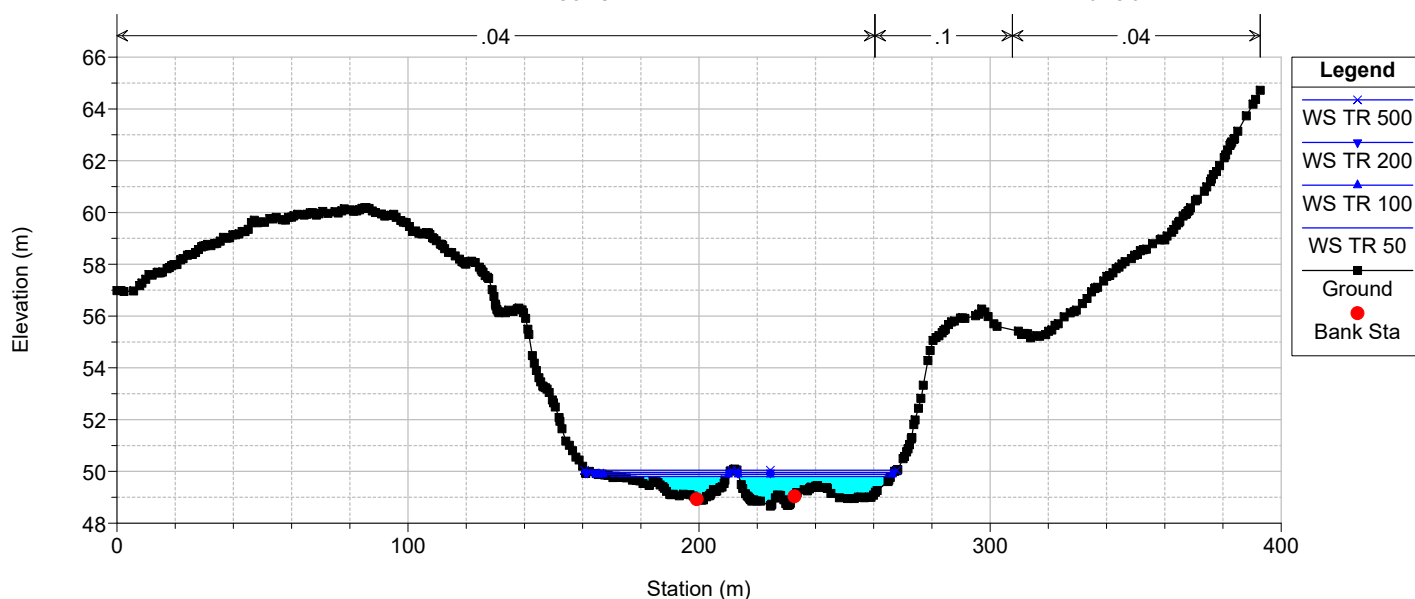
River = San Nicola Reach = Monte RS = 1850 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

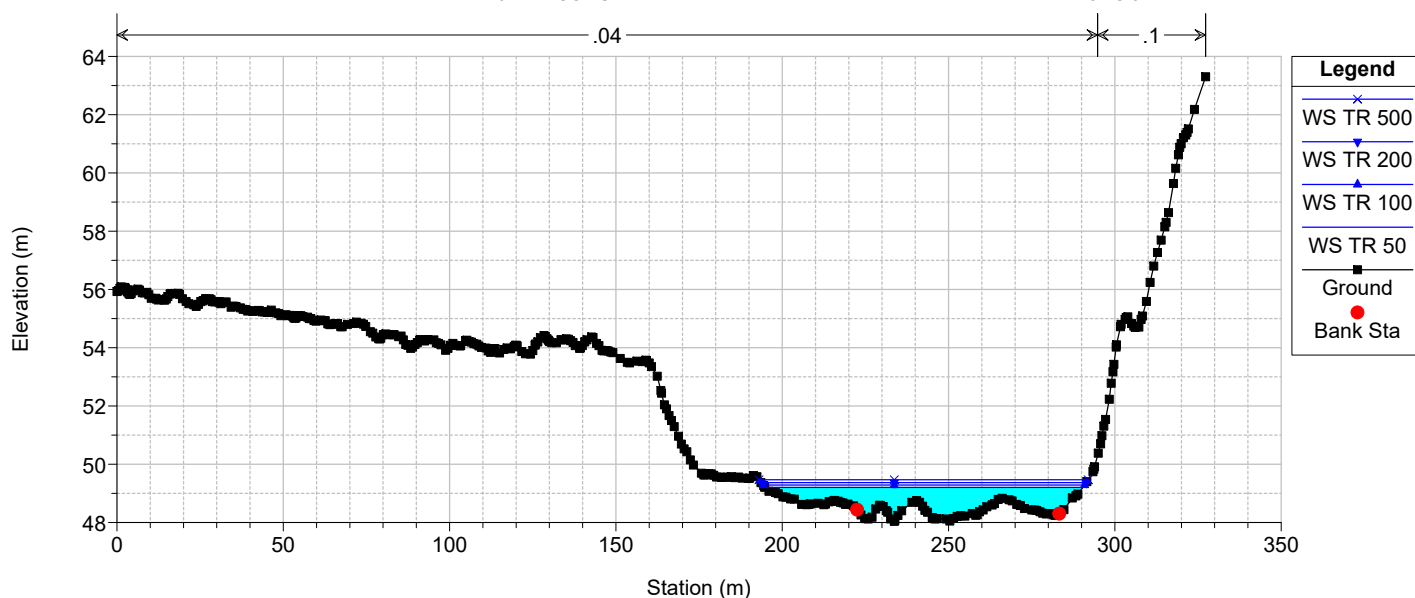
River = San Nicola Reach = Monte RS = 1744 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

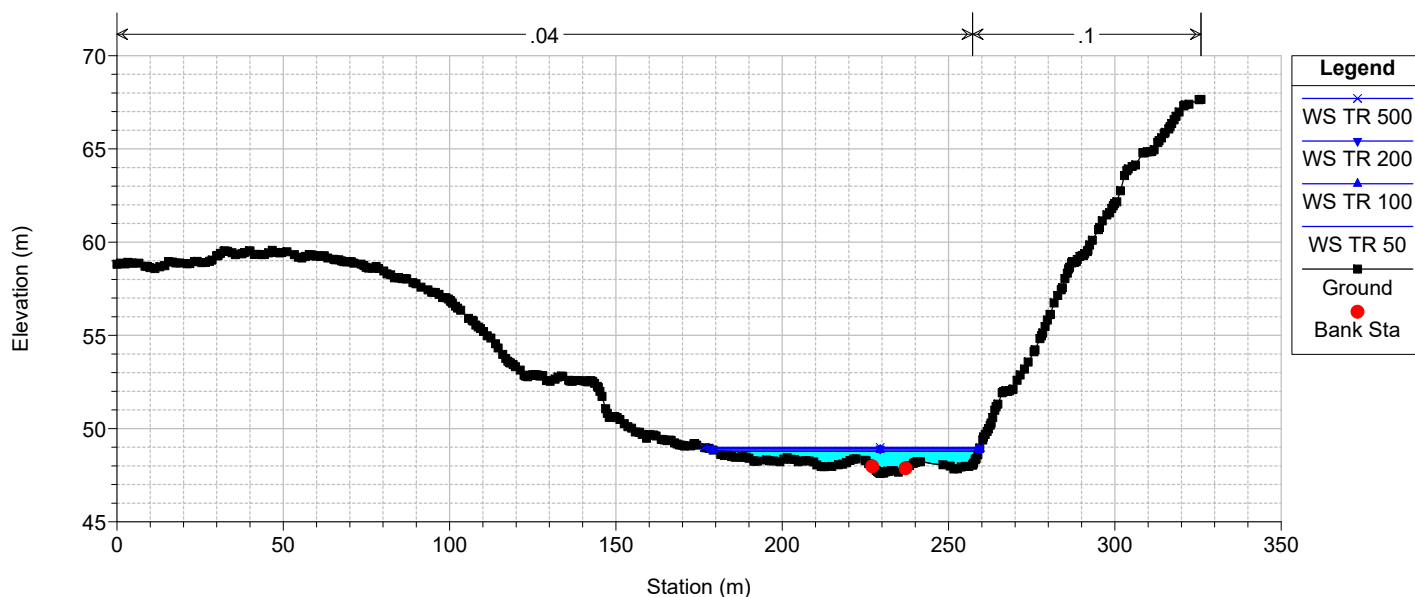
River = San Nicola Reach = Monte RS = 1641 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

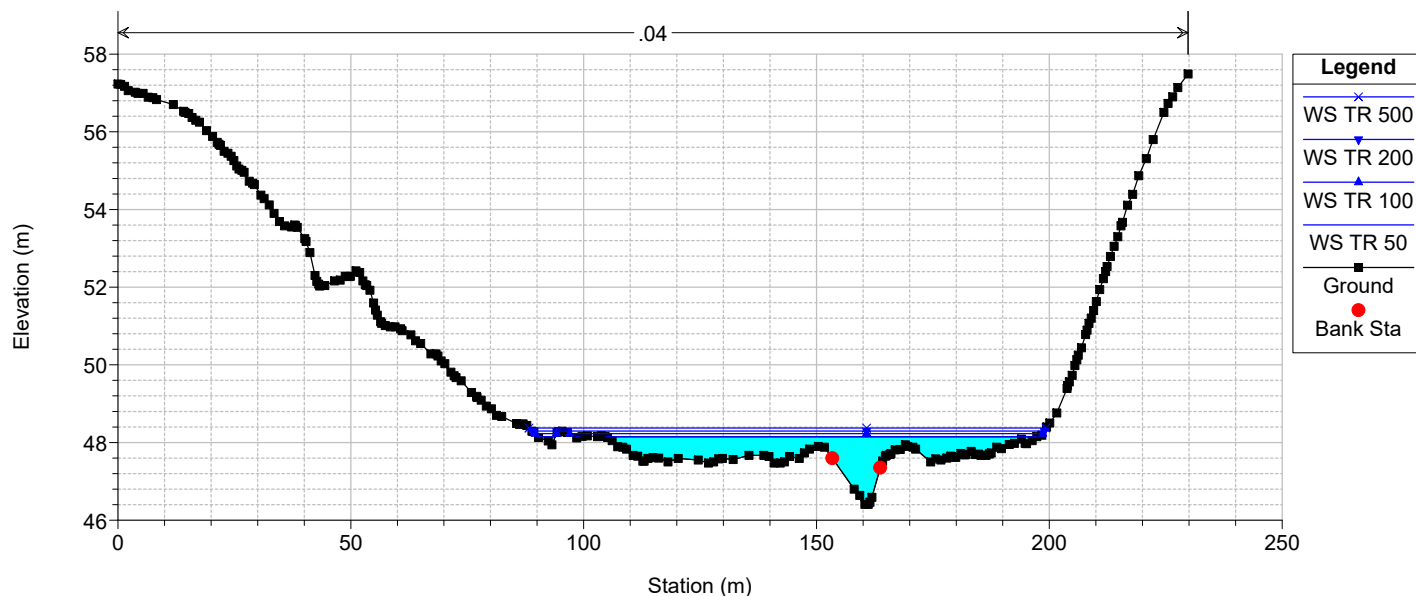
River = San Nicola Reach = Monte RS = 1590 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

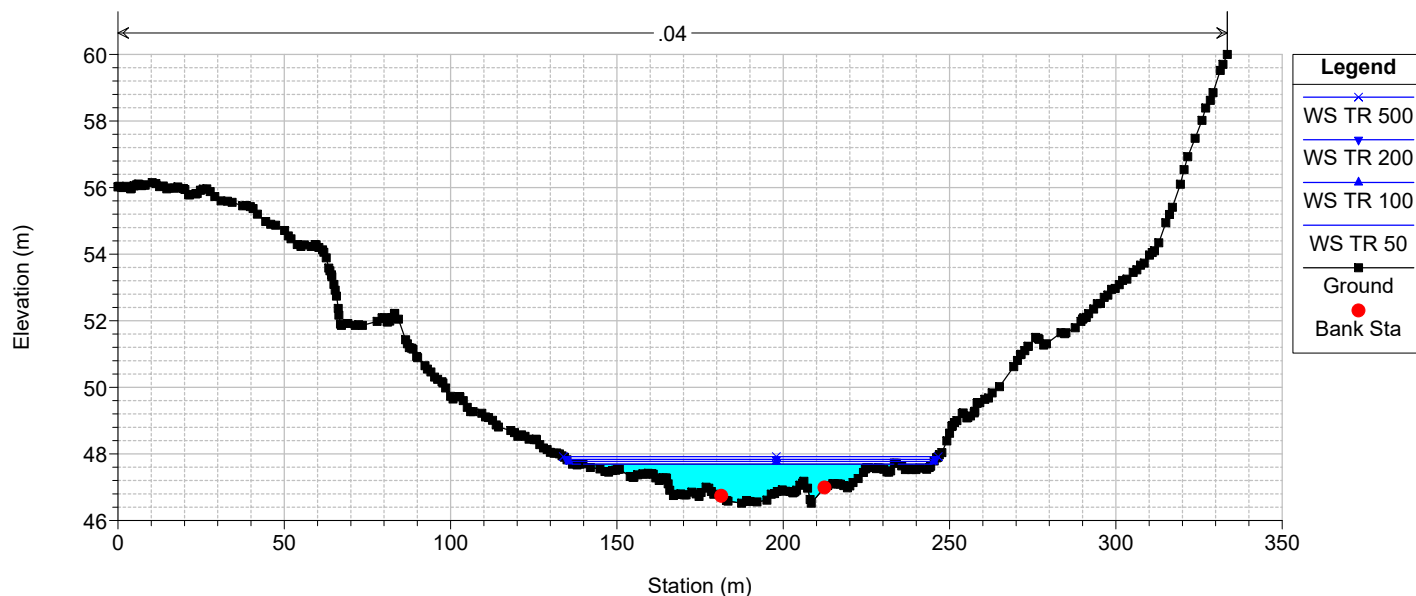
River = San Nicola Reach = Monte RS = 1524 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

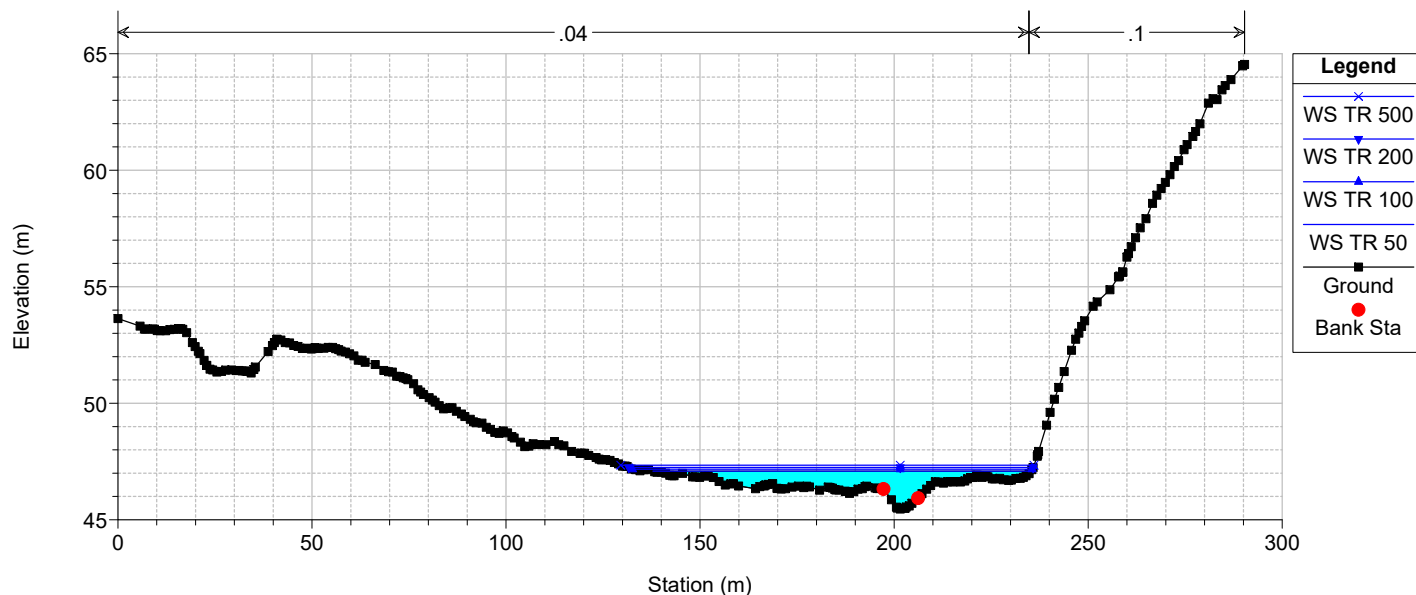
River = San Nicola Reach = Monte RS = 1460 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

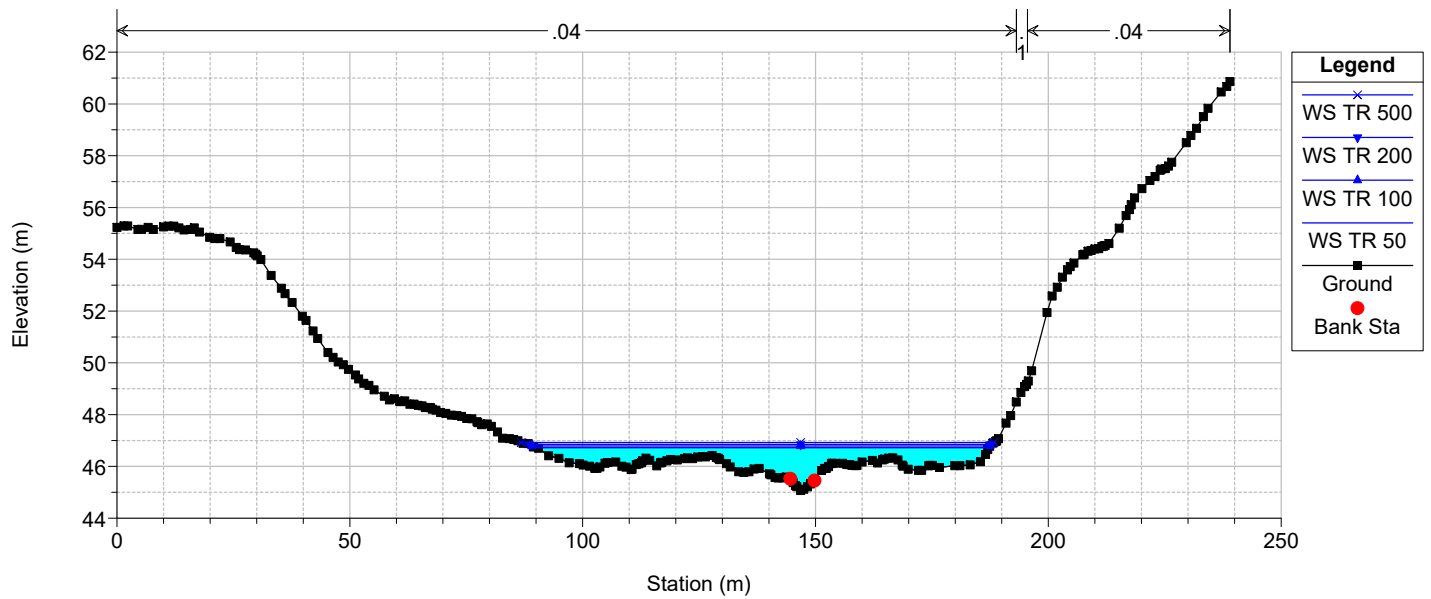
River = San Nicola Reach = Monte RS = 1374 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

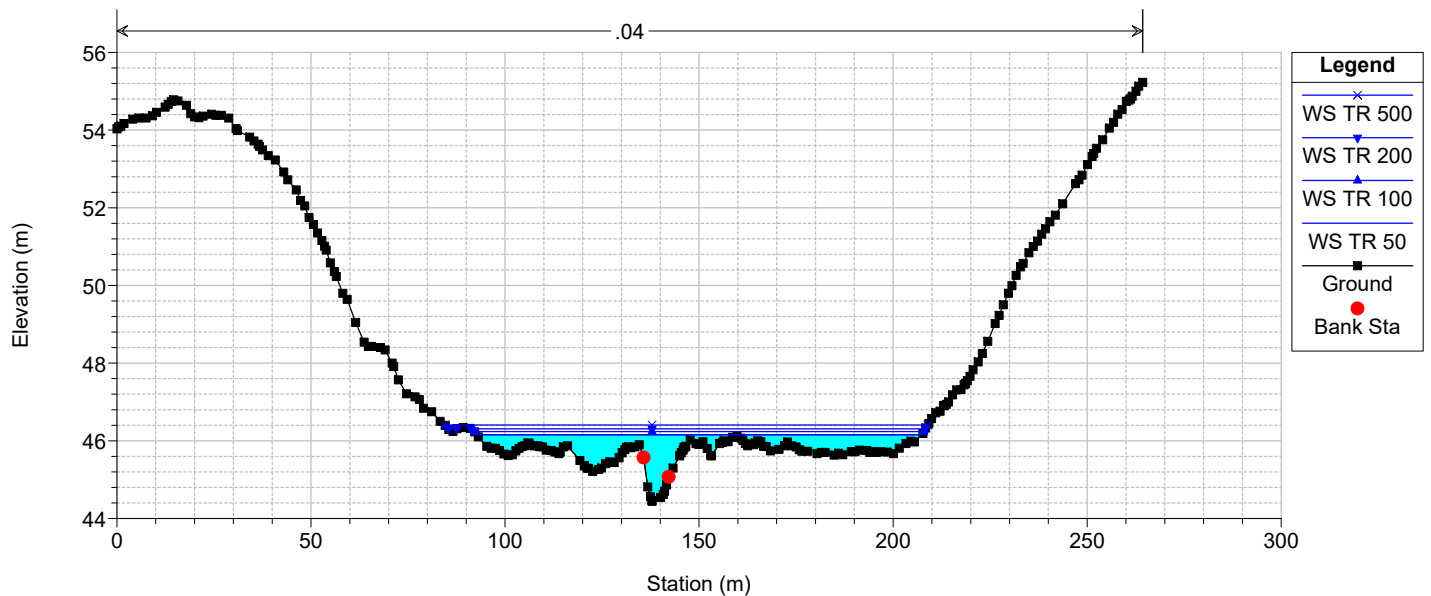
River = San Nicola Reach = Monte RS = 1299 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

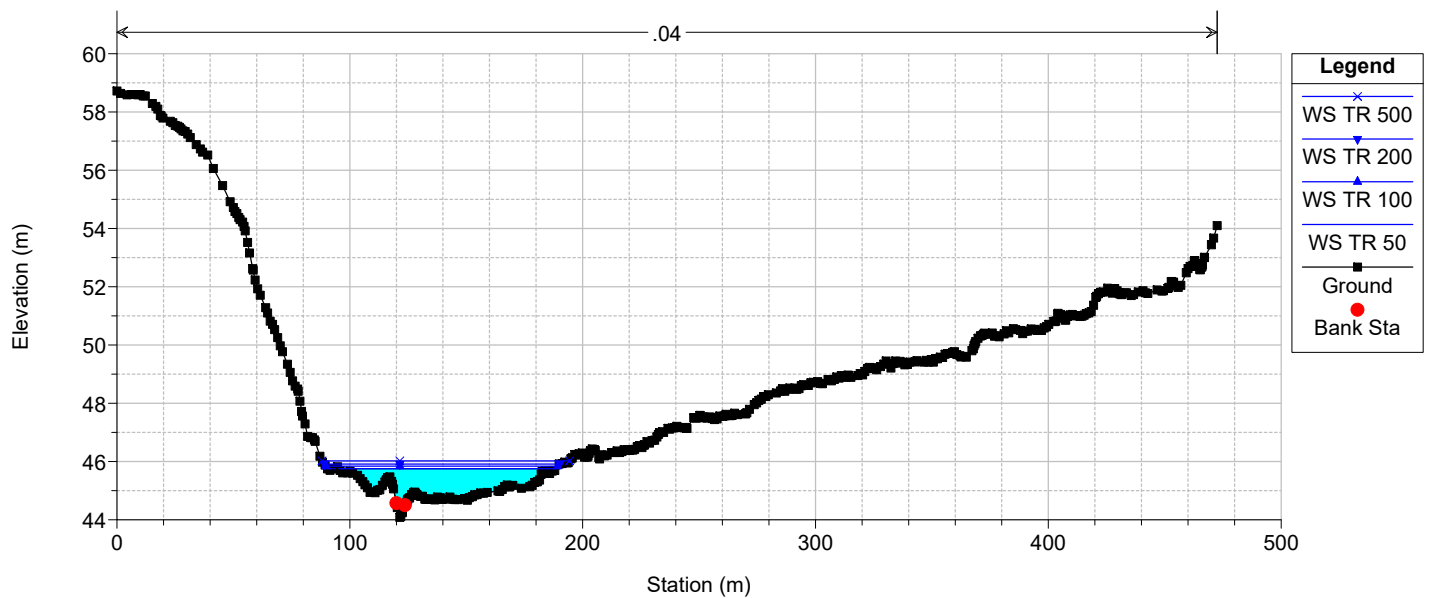
River = San Nicola Reach = Monte RS = 1224 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

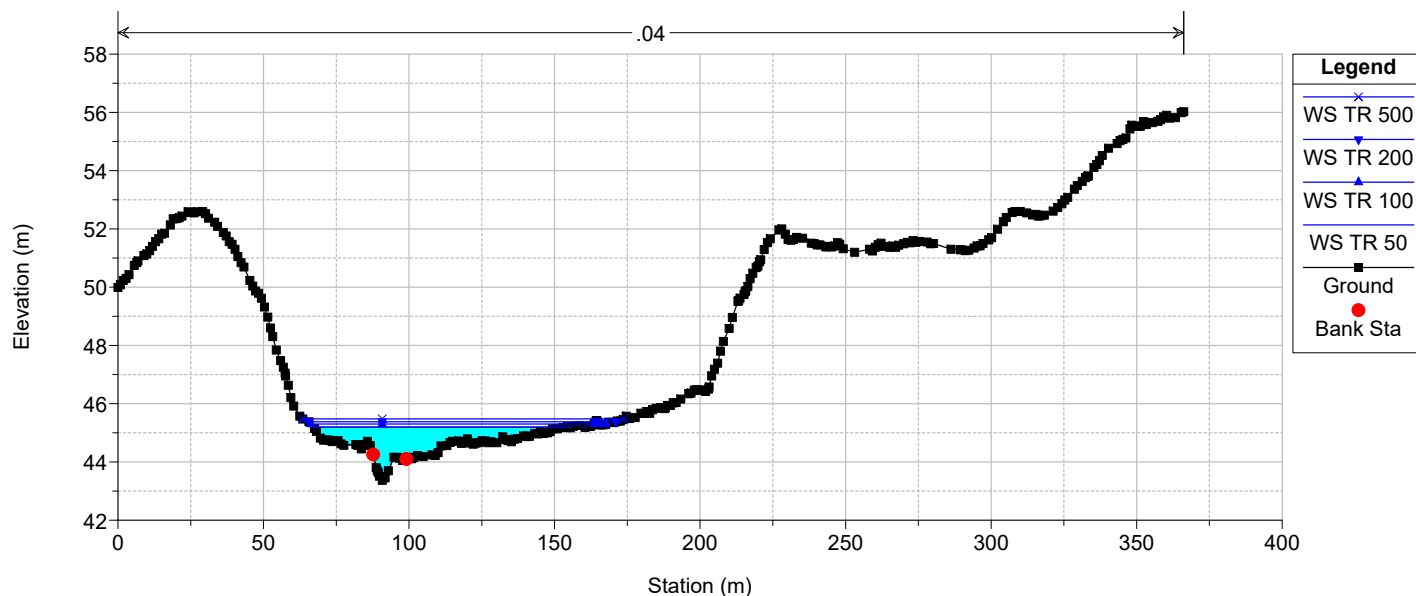
River = San Nicola Reach = Monte RS = 1152 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

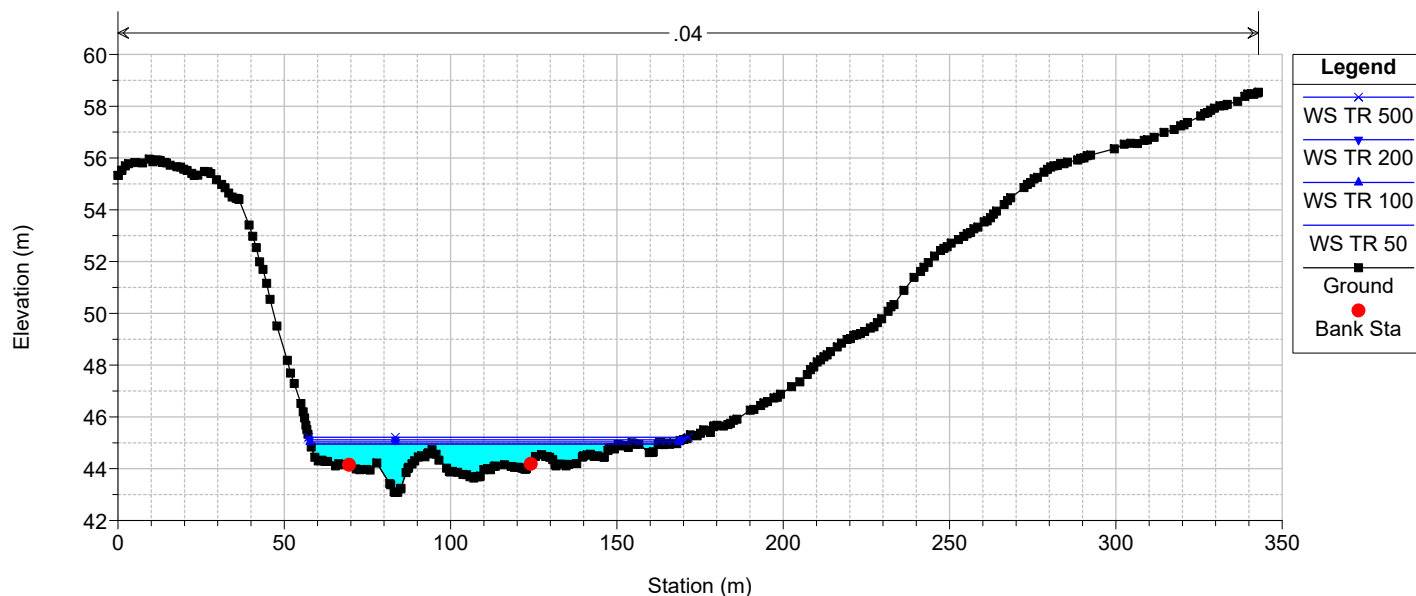
River = San Nicola Reach = Monte RS = 1063 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

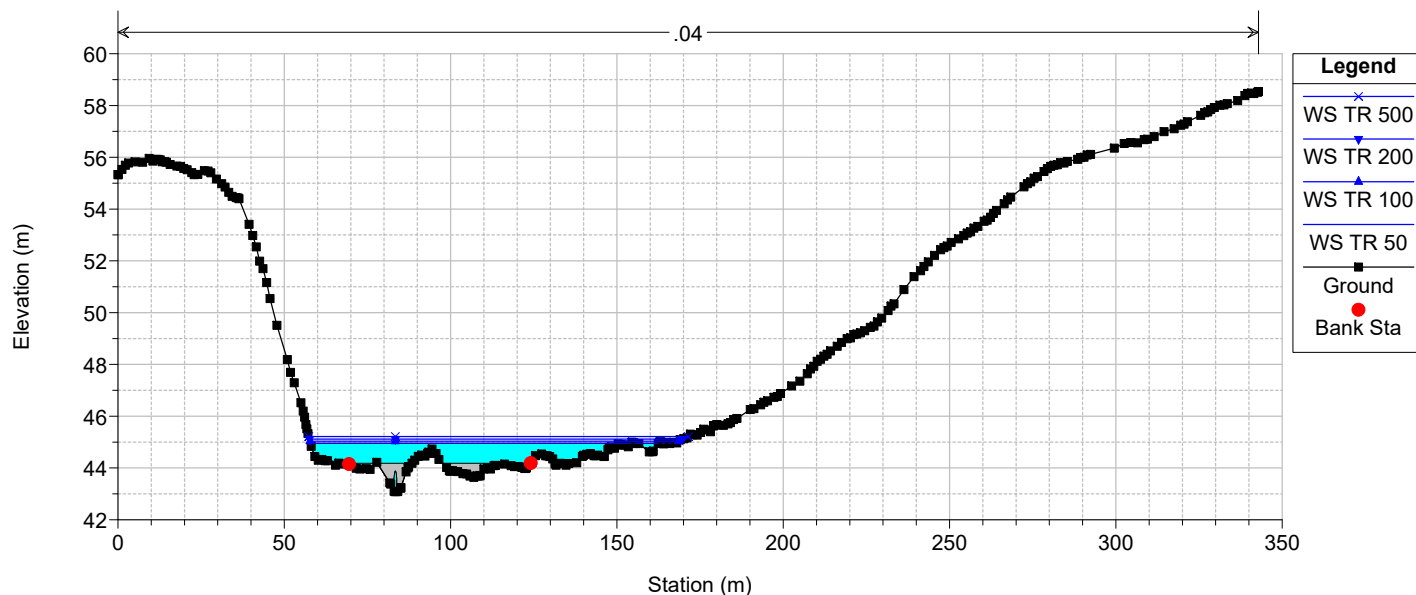
River = San Nicola Reach = Monte RS = 992 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

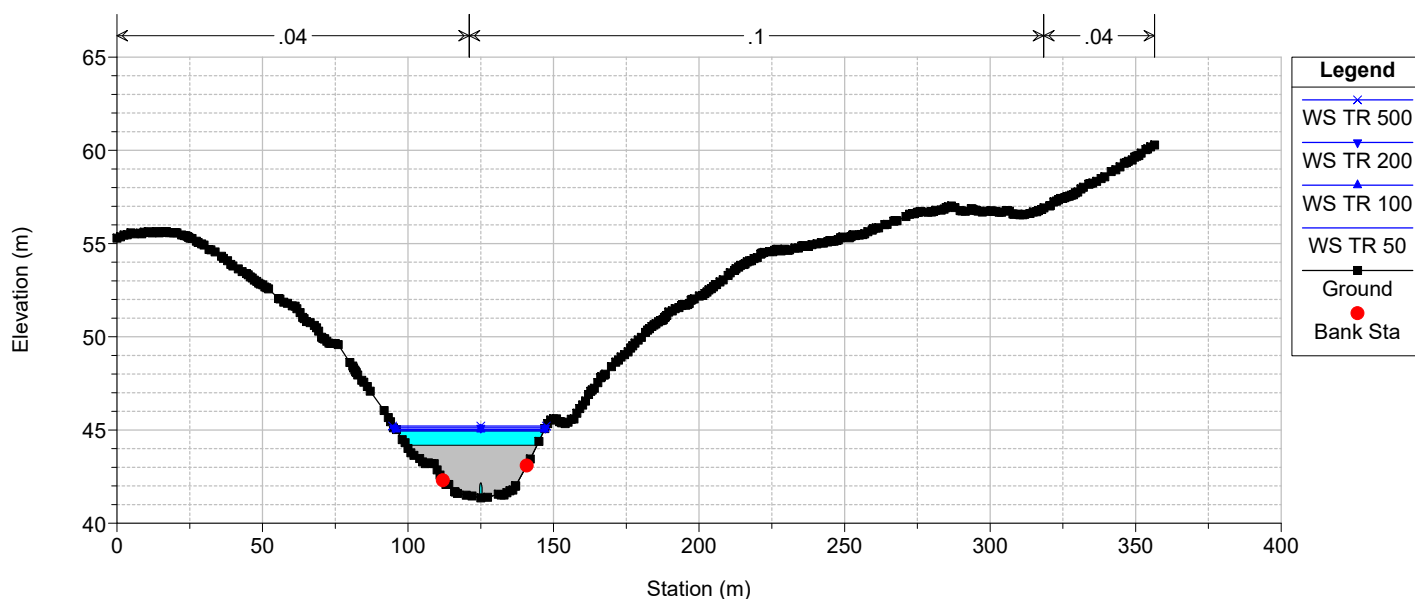
River = San Nicola Reach = Monte RS = 950 Culv C78 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

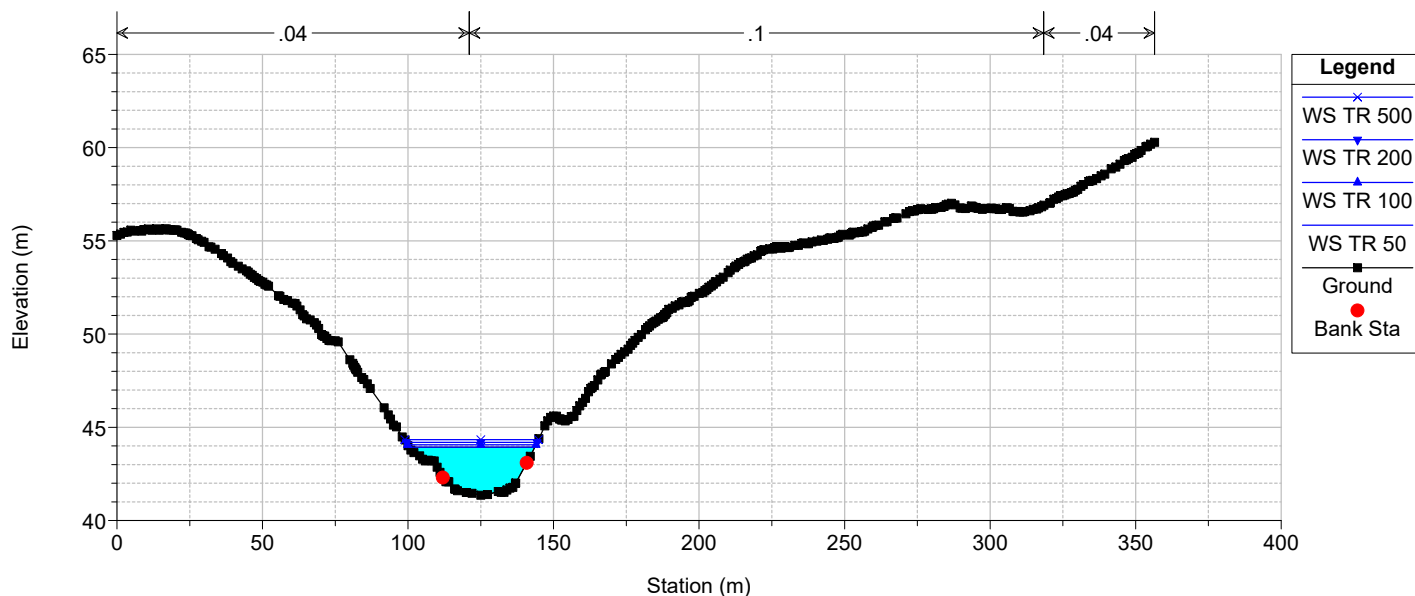
River = San Nicola Reach = Monte RS = 950 Culv C78 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

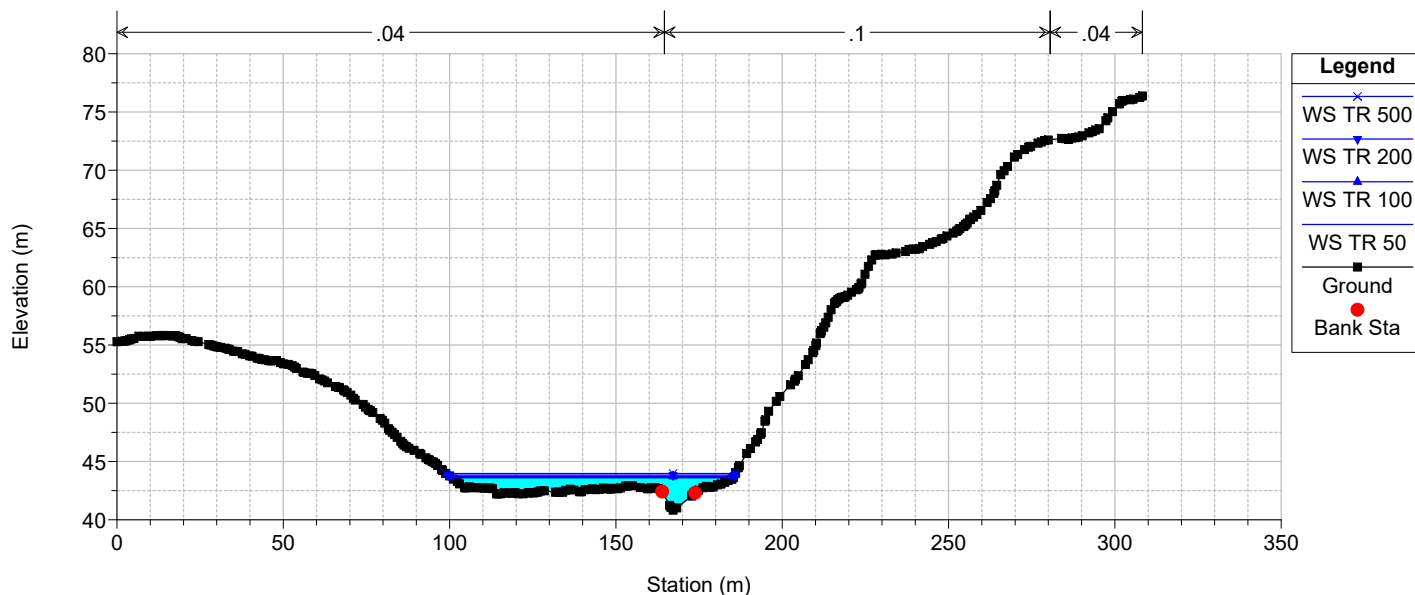
River = San Nicola Reach = Monte RS = 920 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

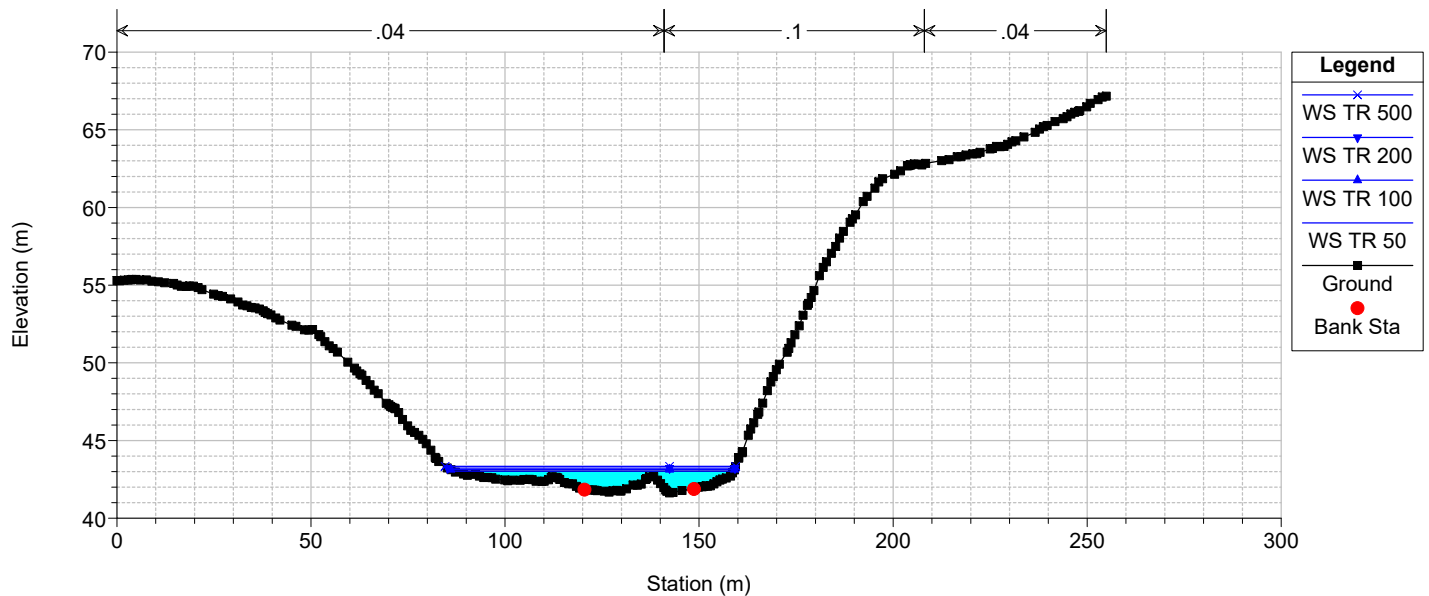
River = San Nicola Reach = Monte RS = 809 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

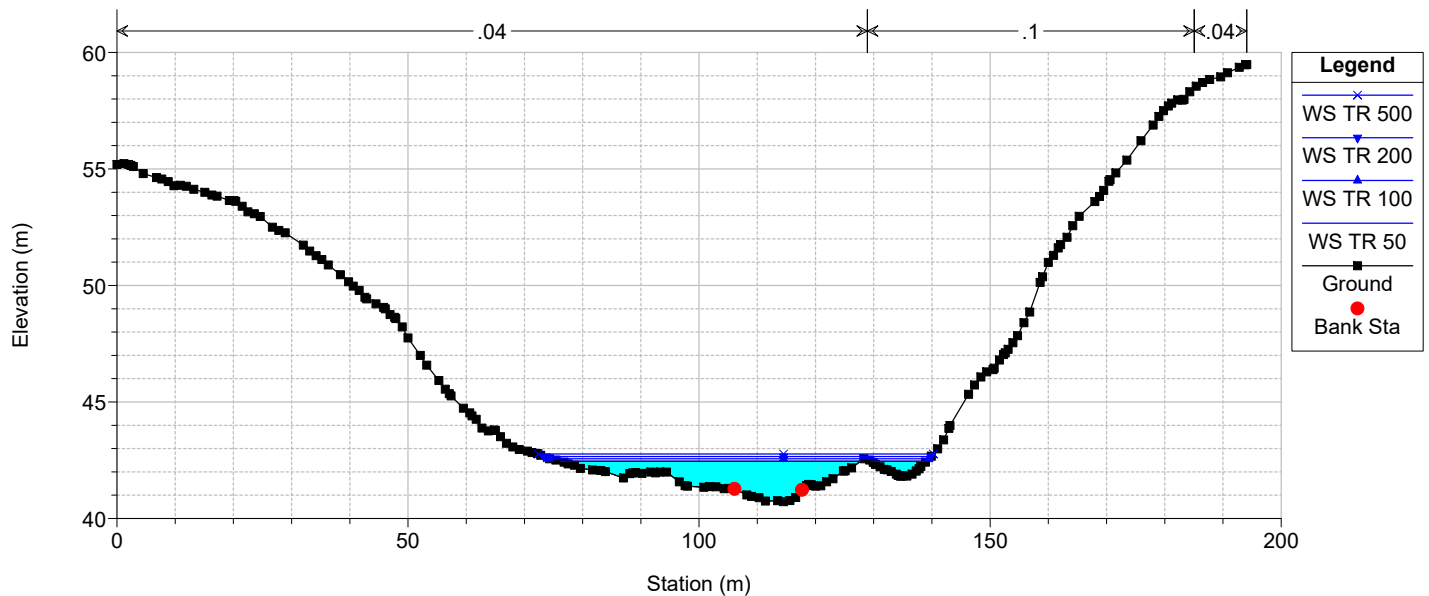
River = San Nicola Reach = Monte RS = 722 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

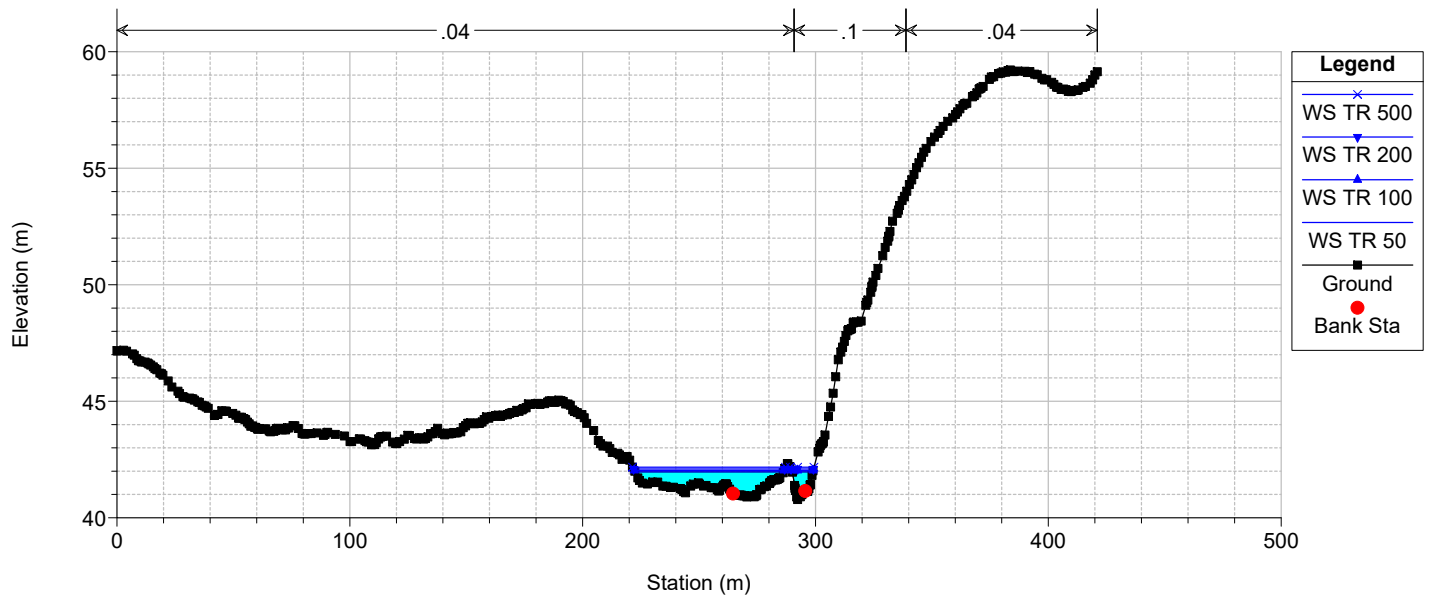
River = San Nicola Reach = Monte RS = 674 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

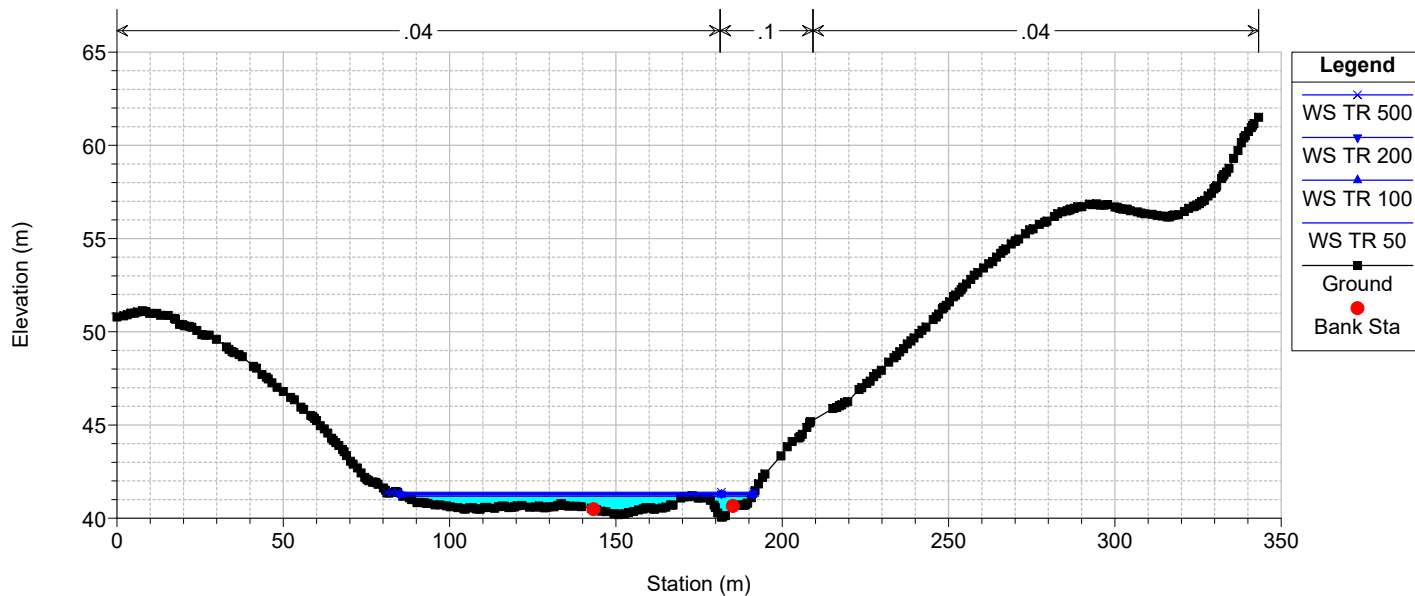
River = San Nicola Reach = Monte RS = 633 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

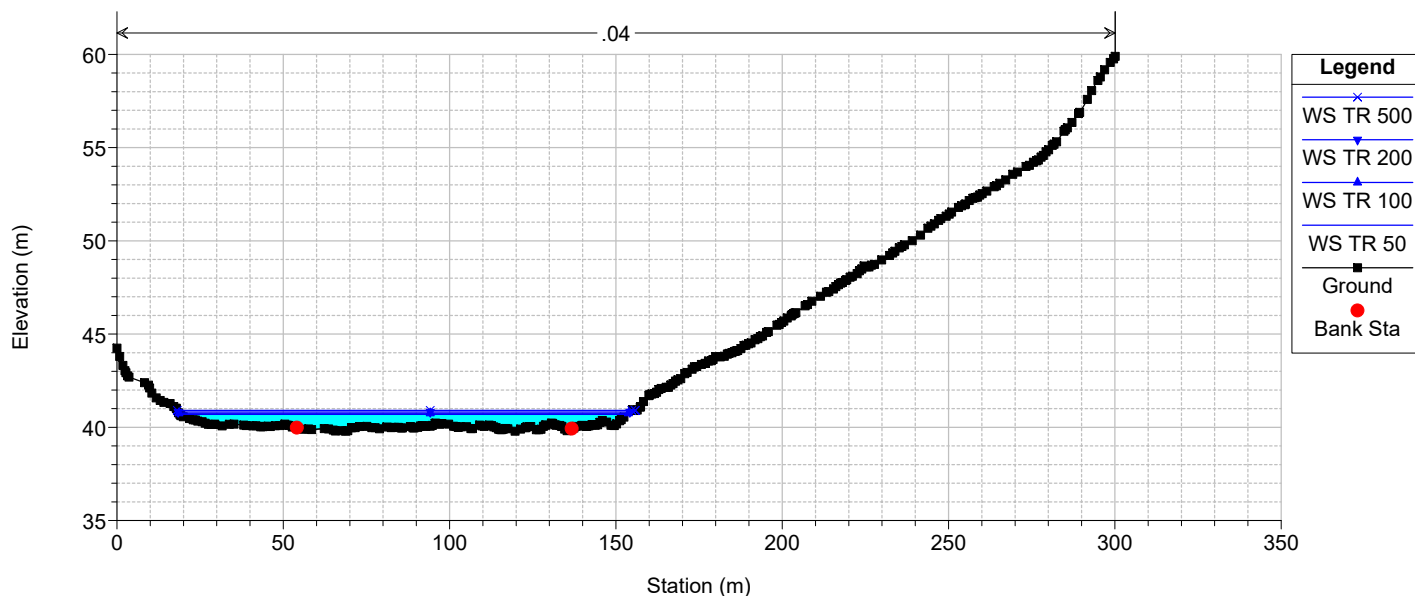
River = San Nicola Reach = Monte RS = 572 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

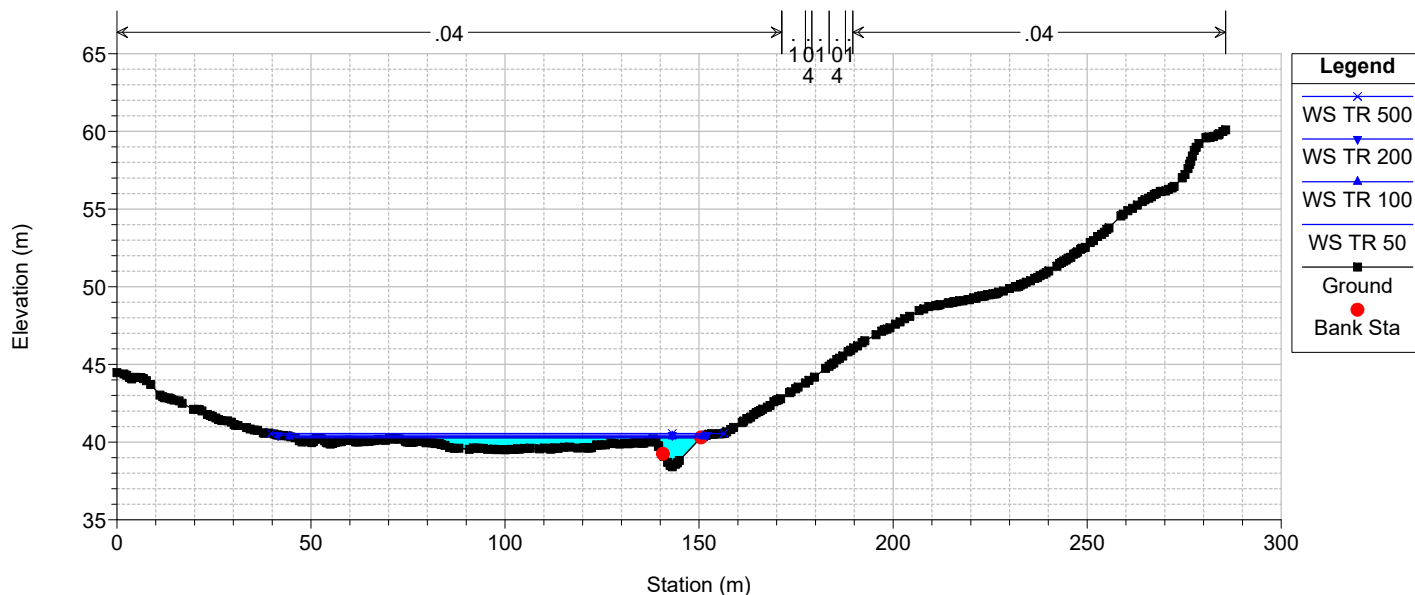
River = San Nicola Reach = Monte RS = 489 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

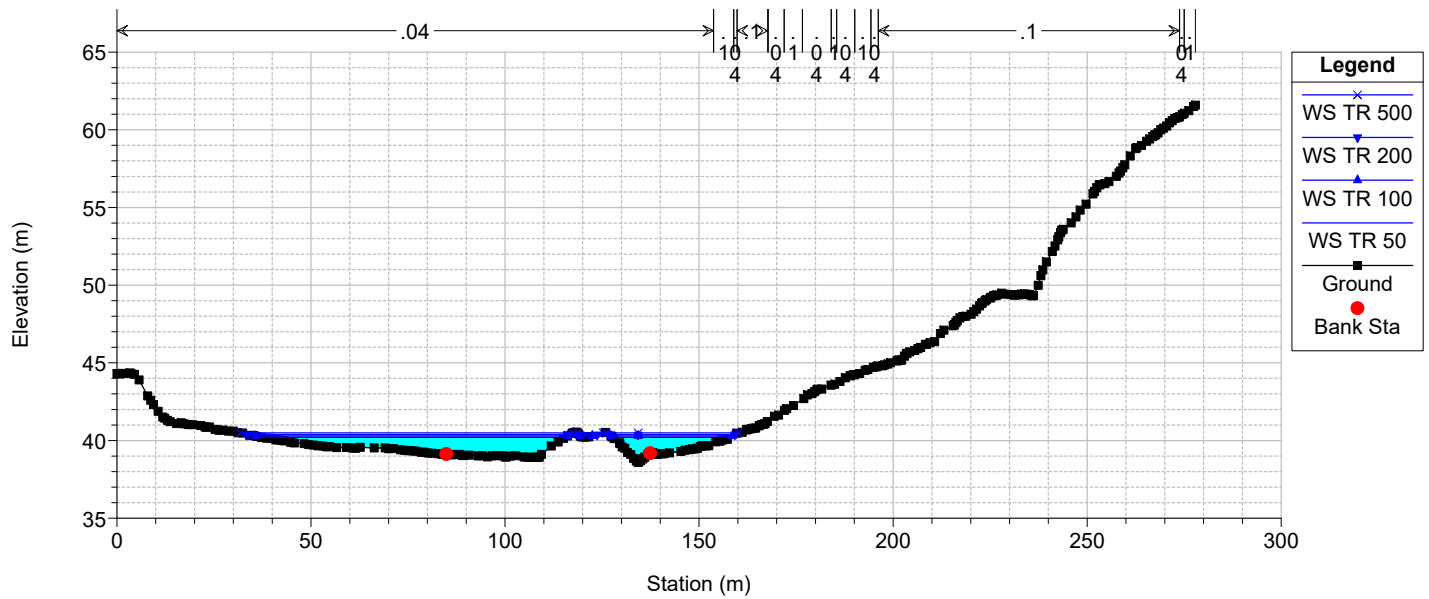
River = San Nicola Reach = Monte RS = 454 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

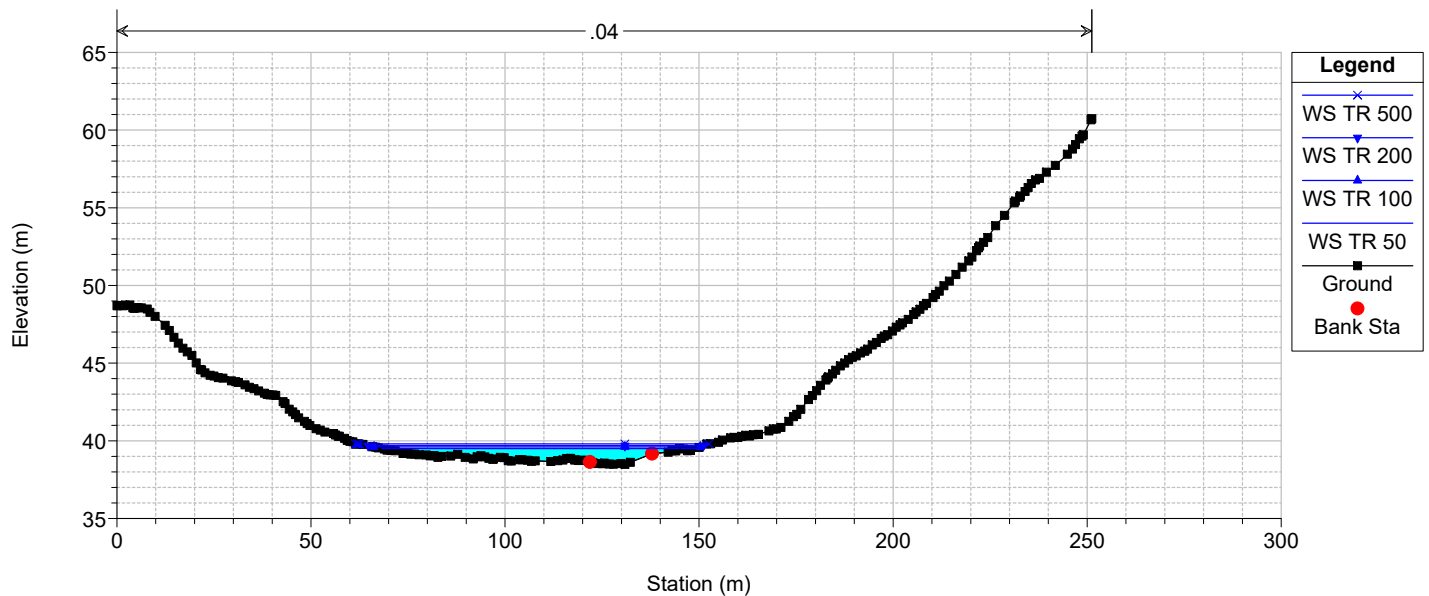
River = San Nicola Reach = Monte RS = 425 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

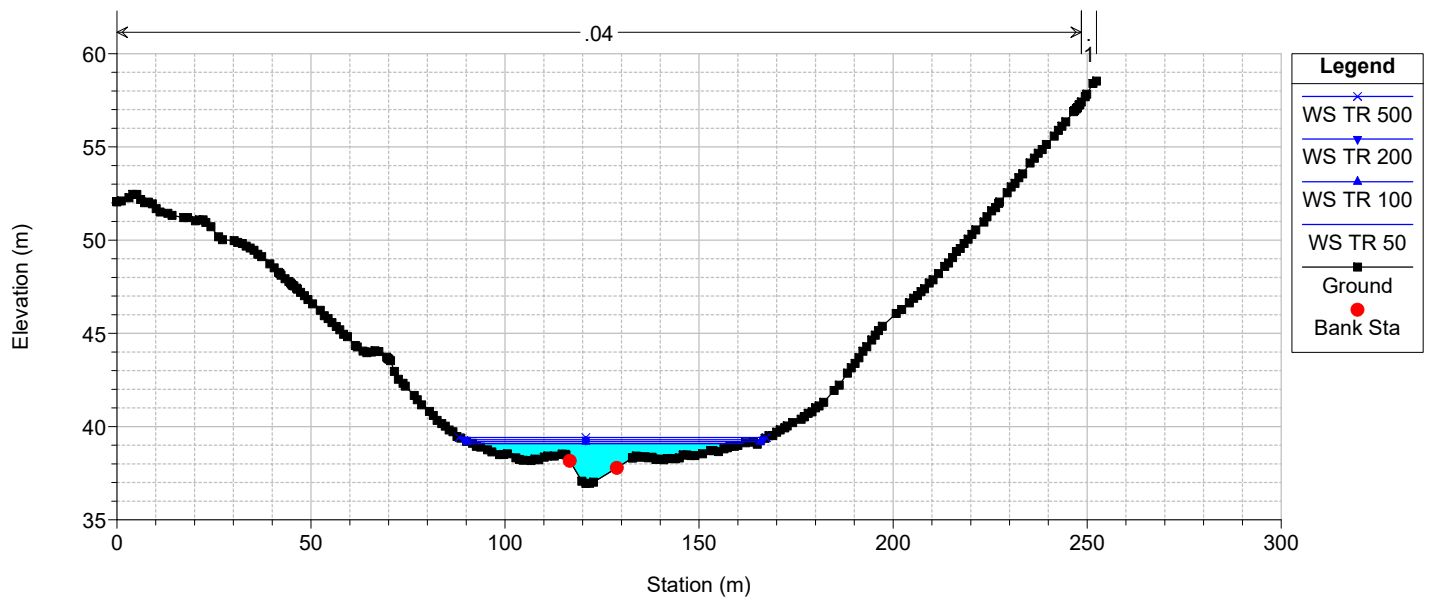
River = San Nicola Reach = Monte RS = 343 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

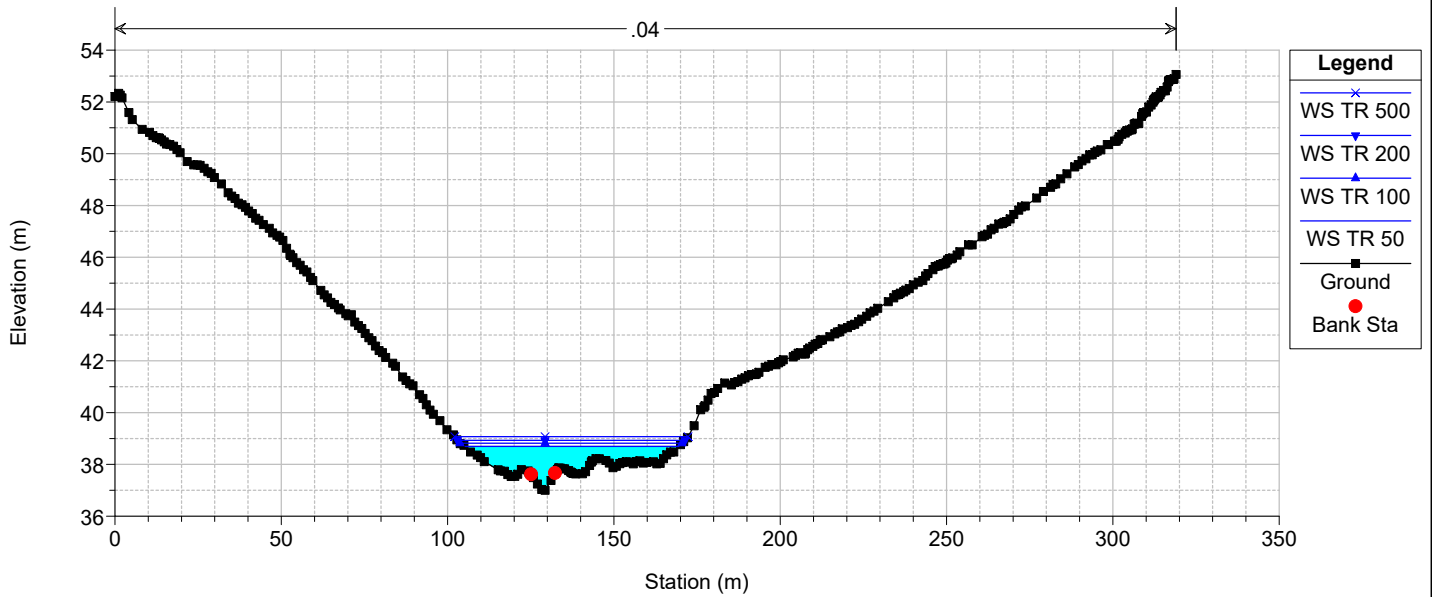
River = San Nicola Reach = Monte RS = 290 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

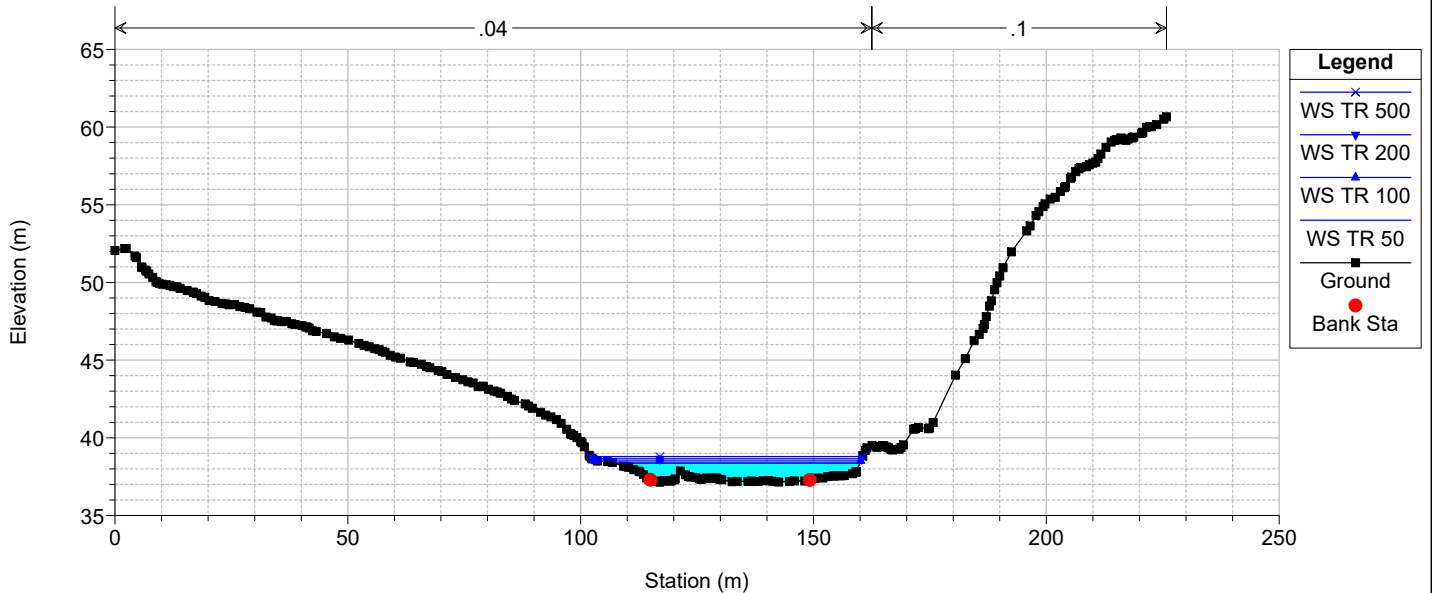
River = San Nicola Reach = Monte RS = 238 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

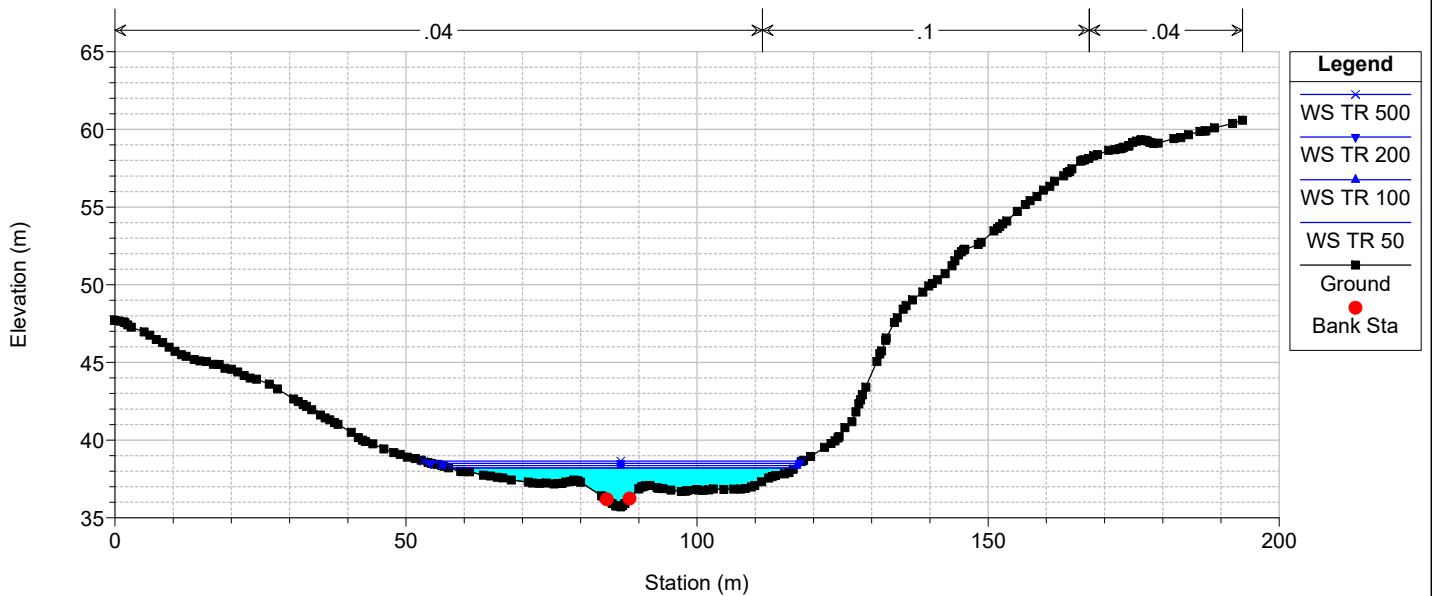
River = San Nicola Reach = Monte RS = 197 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

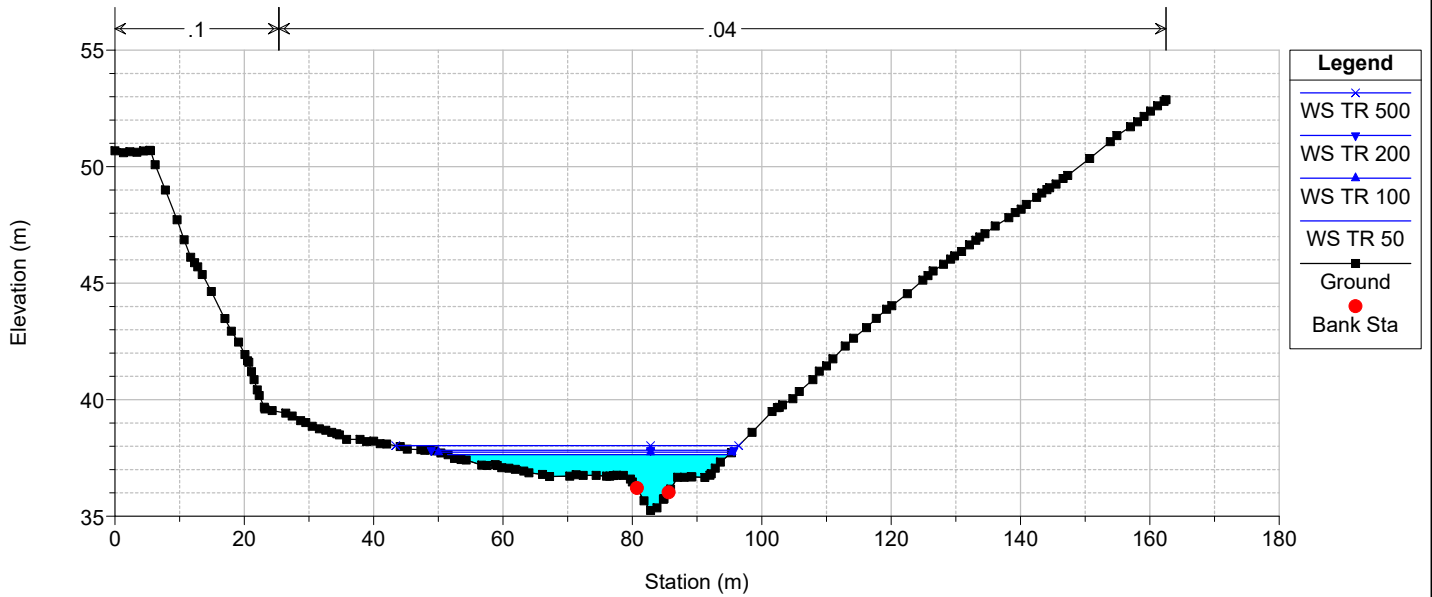
River = San Nicola Reach = Monte RS = 147 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

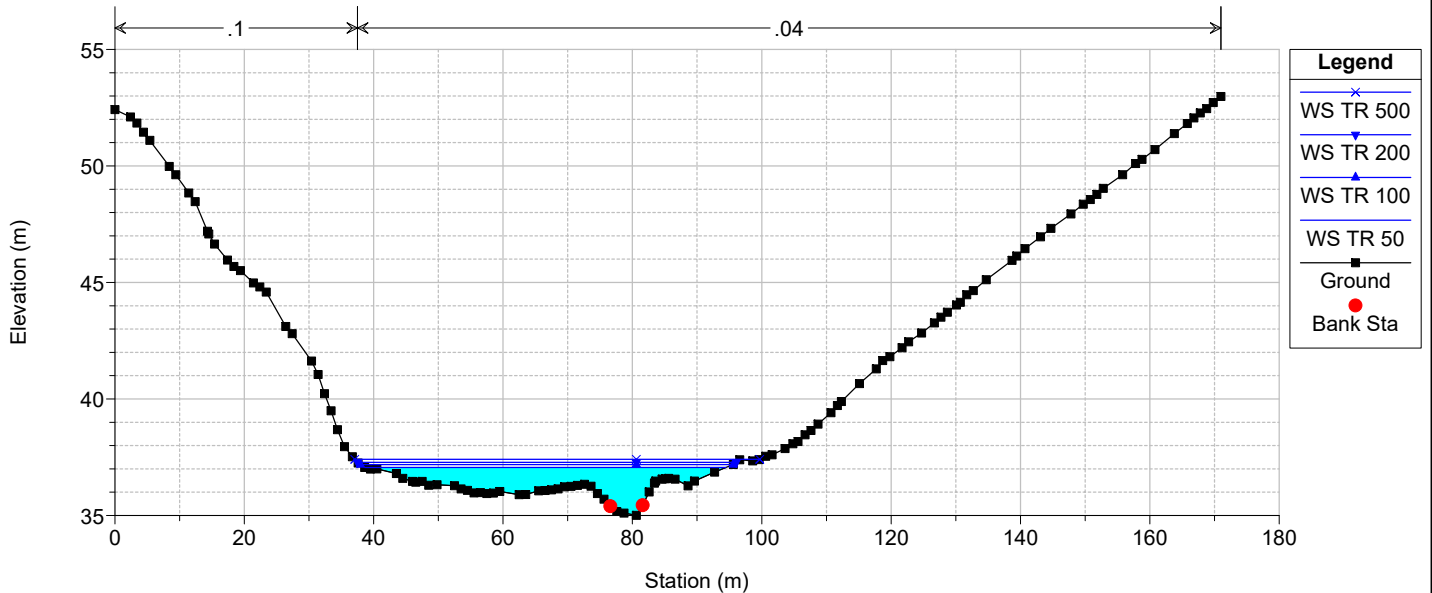
River = San Nicola Reach = Monte RS = 103 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

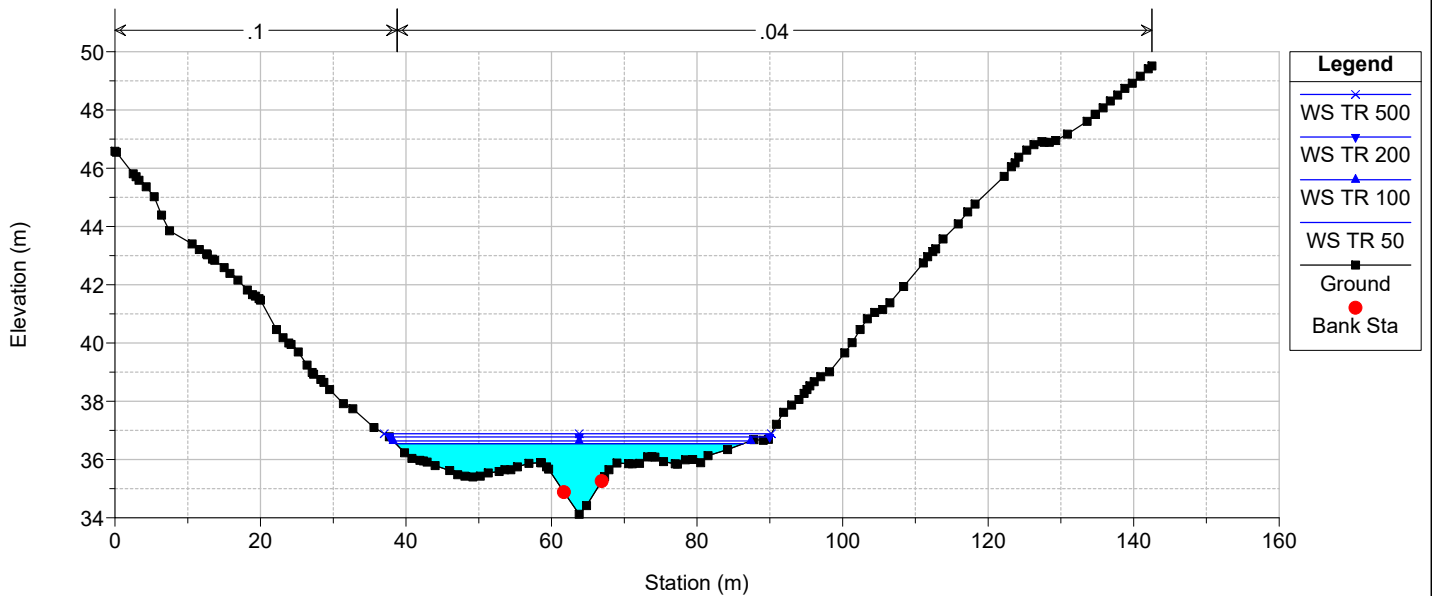
River = San Nicola Reach = Monte RS = 48 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



san_nicola_ok Plan: Plan 01 2/9/2021

Geom: san_nicola_only Flow: san_nicola_only

River = San Nicola Reach = Monte RS = 10 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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)	
Monte	6657	TR 50	9.93	115.16	115.64	115.64	115.80	0.023164	1.83	5.67	18.21	1.01
Monte	6657	TR 100	11.41	115.16	115.67	115.67	115.84	0.022713	1.89	6.29	18.88	1.01
Monte	6657	TR 200	12.94	115.16	115.71	115.71	115.89	0.022176	1.95	6.92	19.54	1.01
Monte	6657	TR 500	15.11	115.16	115.75	115.75	115.94	0.021710	2.03	7.78	20.40	1.01
Monte	6607	TR 50	9.93	113.64	114.05	114.12	114.31	0.039012	2.25	4.54	16.59	1.29
Monte	6607	TR 100	11.41	113.64	114.08	114.15	114.36	0.039368	2.38	4.96	17.11	1.32
Monte	6607	TR 200	12.94	113.64	114.10	114.19	114.41	0.039881	2.51	5.37	17.60	1.34
Monte	6607	TR 500	15.11	113.64	114.13	114.23	114.48	0.040038	2.66	5.95	18.28	1.36
Monte	6546	TR 50	9.93	111.97	112.51	112.51	112.70	0.103180	1.92	5.33	15.05	0.98
Monte	6546	TR 100	11.41	111.97	112.55	112.55	112.75	0.097517	1.99	5.94	15.64	0.98
Monte	6546	TR 200	12.94	111.97	112.59	112.59	112.80	0.093593	2.06	6.54	16.14	0.98
Monte	6546	TR 500	15.11	111.97	112.64	112.64	112.87	0.088712	2.15	7.36	16.79	0.98
Monte	6498	TR 50	9.93	109.94	110.67	110.41	110.73	0.009386	1.05	9.69	18.13	0.44
Monte	6498	TR 100	11.41	109.94	110.72	110.44	110.78	0.009537	1.12	10.53	18.60	0.45
Monte	6498	TR 200	12.94	109.94	110.76	110.48	110.83	0.009703	1.18	11.35	19.05	0.46
Monte	6498	TR 500	15.11	109.94	110.82	110.53	110.90	0.009944	1.27	12.45	19.61	0.47
Monte	6445	TR 50	9.93	108.79	109.37	109.37	109.56	0.096423	1.93	5.19	14.29	1.00
Monte	6445	TR 100	11.41	108.79	109.41	109.41	109.61	0.091072	2.01	5.77	14.86	0.99
Monte	6445	TR 200	12.94	108.79	109.45	109.45	109.67	0.086124	2.07	6.37	15.42	0.99
Monte	6445	TR 500	15.11	108.79	109.50	109.50	109.73	0.079896	2.15	7.21	16.15	0.98
Monte	6381	TR 50	9.93	107.38	107.95	107.75	107.98	0.007632	0.76	13.03	35.99	0.34
Monte	6381	TR 100	11.41	107.38	107.99	107.77	108.02	0.007622	0.79	14.34	37.19	0.34
Monte	6381	TR 200	12.94	107.38	108.02	107.80	108.06	0.007645	0.82	15.61	38.32	0.35
Monte	6381	TR 500	15.11	107.38	108.06	107.83	108.11	0.007683	0.87	17.35	39.81	0.35
Monte	6295	TR 50	9.93	105.57	106.13	106.13	106.31	0.114998	1.95	5.52	16.06	0.99
Monte	6295	TR 100	11.41	105.57	106.17	106.17	106.36	0.111651	2.03	6.12	16.77	1.00
Monte	6295	TR 200	12.94	105.57	106.21	106.21	106.41	0.107770	2.09	6.74	17.47	1.01
Monte	6295	TR 500	15.11	105.57	106.26	106.26	106.47	0.101468	2.17	7.65	18.44	1.01
Monte	6223	TR 50	9.93	102.74	103.21	103.13	103.29	0.016417	1.16	7.94	25.91	0.62
Monte	6223	TR 100	11.41	102.74	103.23	103.16	103.33	0.016921	1.22	8.65	26.73	0.63
Monte	6223	TR 200	12.94	102.74	103.26	103.19	103.36	0.016883	1.27	9.45	27.53	0.63
Monte	6223	TR 500	15.11	102.74	103.30	103.23	103.41	0.017283	1.34	10.45	28.49	0.64
Monte	6177	TR 50	9.93	101.92	102.34	102.34	102.48	0.018093	1.50	5.95	20.97	0.97
Monte	6177	TR 100	11.41	101.92	102.37	102.37	102.52	0.017376	1.55	6.64	21.74	0.96
Monte	6177	TR 200	12.94	101.92	102.40	102.40	102.56	0.017313	1.61	7.25	22.36	0.97
Monte	6177	TR 500	15.11	101.92	102.44	102.44	102.61	0.016841	1.68	8.15	23.25	0.97
Monte	6124	TR 50	9.93	99.93	100.25	100.38	100.66	0.087784	2.84	3.50	16.25	1.95
Monte	6124	TR 100	11.41	99.93	100.27	100.41	100.73	0.090522	3.00	3.81	16.66	2.00
Monte	6124	TR 200	12.94	99.93	100.29	100.44	100.78	0.088676	3.10	4.18	17.13	2.00
Monte	6124	TR 500	15.11	99.93	100.32	100.48	100.86	0.089089	3.26	4.63	17.67	2.03
Monte	6073	TR 50	9.93	99.37	100.00	99.91	100.09	0.009380	1.29	7.69	22.18	0.69
Monte	6073	TR 100	11.41	99.37	100.03	99.94	100.13	0.009761	1.38	8.33	22.88	0.71
Monte	6073	TR 200	12.94	99.37	100.06	99.97	100.16	0.010050	1.45	8.97	23.57	0.73
Monte	6073	TR 500	15.11	99.37	100.09	100.01	100.22	0.010493	1.56	9.83	24.45	0.76
Monte	6017	TR 50	9.93	98.71	99.18	99.17	99.30	0.023027	1.62	6.31	24.72	1.02
Monte	6017	TR 100	11.41	98.71	99.20	99.20	99.34	0.021923	1.67	7.06	26.12	1.02
Monte	6017	TR 200	12.94	98.71	99.23	99.23	99.37	0.021261	1.73	7.79	27.40	1.03
Monte	6017	TR 500	15.11	98.71	99.27	99.27	99.42	0.020360	1.79	8.82	28.91	1.03
Monte	5961	TR 50	9.93	97.97	98.61		98.68	0.006221	1.14	9.19	26.19	0.57
Monte	5961	TR 100	11.41	97.97	98.65		98.71	0.006317	1.20	10.08	27.17	0.59
Monte	5961	TR 200	12.94	97.97	98.68		98.75	0.006337	1.26	11.00	28.14	0.59
Monte	5961	TR 500	15.11	97.97	98.72		98.80	0.006402	1.32	12.24	29.32	0.61
Monte	5898	TR 50	18.59	97.13	97.71	97.71	97.88	0.020750	1.82	10.67	35.30	0.97
Monte	5898	TR 100	21.98	97.13	97.76	97.76	97.93	0.019335	1.89	12.25	37.66	0.95
Monte	5898	TR 200	25.42	97.13	97.80	97.80	97.98	0.018474	1.97	13.77	39.61	0.95
Monte	5898	TR 500	30.11	97.13	97.85	97.85	98.05	0.017500	2.06	15.80	42.09	0.94
Monte	5842	TR 50	18.59	96.31	97.43	97.04	97.47	0.001989	0.92	21.42	37.14	0.34
Monte	5842	TR 100	21.98	96.31	97.47	97.09	97.52	0.002313	1.03	22.88	38.19	0.37
Monte	5842	TR 200	25.42	96.31	97.50	97.14	97.57	0.002629	1.13	24.25	39.16	0.40
Monte	5842	TR 500	30.11	96.31	97.54	97.20	97.62	0.003096	1.27	25.84	40.25	0.43
Monte	5781	TR 50	18.59	95.47	97.44	96.31	97.44	0.000115	0.36	64.88	67.51	0.09
Monte	5781	TR 100	21.98	95.47	97.48	96.37	97.48	0.000144	0.41	67.62	68.49	0.10
Monte	5781	TR 200	25.42	95.47	97.52	96.42	97.52	0.000173	0.45	70.20	69.39	0.11
Monte	5781	TR 500	30.11	95.47	97.56	96.49	97.57	0.000217	0.52	73.17	70.42	0.13
Monte	5773 e3q4		Culvert									
Monte	5764	TR 50	18.59	95.24	96.15	96.05	96.26	0.009455	1.47	13.21	33.05	0.68
Monte	5764	TR 100	21.98	95.24	96.20		96.32	0.009576	1.55	14.84	34.76	0.70
Monte	5764	TR 200	25.42	95.24	96.24		96.37	0.009907	1.66	16.18	36.03	0.72
Monte	5764	TR 500	30.11	95.24	96.29		96.44	0.009972	1.77	18.12	37.76	0.73
Monte	5694	TR 50	18.59	94.20	95.09	95.09	95.29	0.021552	1.99	9.38	24.54	1.00

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)	
Monte	5694	TR 100	21.98	94.20	95.14	95.14	95.36	0.020847	2.08	10.68	25.97	1.00
Monte	5694	TR 200	25.42	94.20	95.19	95.19	95.42	0.019231	2.15	12.03	27.36	0.98
Monte	5694	TR 500	30.11	94.20	95.25	95.25	95.51	0.018393	2.26	13.65	28.93	0.98
Monte	5656	TR 50	18.59	93.47	94.03	94.09	94.30	0.031735	2.31	8.22	25.87	1.21
Monte	5656	TR 100	21.98	93.47	94.06	94.14	94.37	0.033468	2.51	9.06	27.31	1.26
Monte	5656	TR 200	25.42	93.47	94.09	94.19	94.45	0.034702	2.68	9.90	28.38	1.29
Monte	5656	TR 500	30.11	93.47	94.13	94.25	94.54	0.035733	2.88	11.04	29.72	1.33
Monte	5623	TR 50	18.59	92.24	93.01	93.07	93.28	0.029689	2.31	8.34	24.91	1.18
Monte	5623	TR 100	21.98	92.24	93.06	93.12	93.35	0.028166	2.42	9.51	26.63	1.17
Monte	5623	TR 200	25.42	92.24	93.10	93.17	93.41	0.027354	2.53	10.63	28.16	1.17
Monte	5623	TR 500	30.11	92.24	93.15	93.23	93.49	0.026801	2.68	12.07	30.01	1.17
Monte	5591	TR 50	18.59	91.10	91.70	91.82	92.08	0.050427	2.67	6.86	20.42	1.49
Monte	5591	TR 100	21.98	91.10	91.74	91.87	92.16	0.052585	2.81	7.67	21.67	1.53
Monte	5591	TR 200	25.42	91.10	91.78	91.92	92.24	0.053618	2.92	8.50	22.89	1.56
Monte	5591	TR 500	30.11	91.10	91.83	91.98	92.33	0.054193	3.04	9.63	24.44	1.58
Monte	5535	TR 50	18.59	89.42	89.93	89.95	90.13	0.024087	2.12	9.59	28.18	1.06
Monte	5535	TR 100	21.98	89.42	89.97	90.00	90.19	0.023679	2.22	10.82	29.17	1.07
Monte	5535	TR 200	25.42	89.42	90.01	90.04	90.25	0.023588	2.32	11.96	30.03	1.08
Monte	5535	TR 500	30.11	89.42	90.06	90.09	90.33	0.023590	2.44	13.42	30.91	1.09
Monte	5486	TR 50	18.59	88.76	89.58	89.32	89.64	0.004382	1.11	16.54	29.49	0.48
Monte	5486	TR 100	21.98	88.76	89.64	89.37	89.71	0.004407	1.17	18.49	30.46	0.48
Monte	5486	TR 200	25.42	88.76	89.70	89.42	89.78	0.004442	1.23	20.36	31.34	0.49
Monte	5486	TR 500	30.11	88.76	89.78	89.48	89.87	0.004501	1.31	22.75	32.37	0.50
Monte	5448	TR 50	18.59	88.50	89.29		89.40	0.008964	1.56	12.56	25.67	0.68
Monte	5448	TR 100	21.98	88.50	89.35		89.47	0.009008	1.65	14.06	26.85	0.69
Monte	5448	TR 200	25.42	88.50	89.40		89.54	0.008992	1.74	15.47	27.92	0.70
Monte	5448	TR 500	30.11	88.50	89.46		89.62	0.008962	1.86	17.34	29.27	0.71
Monte	5397	TR 50	18.59	88.19	88.99		89.05	0.005038	1.18	16.00	30.42	0.51
Monte	5397	TR 100	21.98	88.19	89.05		89.12	0.005009	1.27	17.87	31.49	0.52
Monte	5397	TR 200	25.42	88.19	89.10		89.19	0.004999	1.34	19.68	32.48	0.53
Monte	5397	TR 500	30.11	88.19	89.17		89.27	0.005062	1.44	21.93	33.67	0.54
Monte	5356	TR 50	18.59	88.03	88.85		88.89	0.003046	0.82	20.98	39.00	0.36
Monte	5356	TR 100	21.98	88.03	88.91		88.95	0.003181	0.87	23.33	40.59	0.37
Monte	5356	TR 200	25.42	88.03	88.97		89.02	0.003283	0.91	25.66	42.05	0.37
Monte	5356	TR 500	30.11	88.03	89.03		89.09	0.003467	0.96	28.47	43.73	0.38
Monte	5296	TR 50	18.59	88.02	88.33	88.33	88.49	0.021152	1.07	10.61	33.27	0.86
Monte	5296	TR 100	21.98	88.02	88.38	88.38	88.55	0.020417	1.15	12.12	35.13	0.86
Monte	5296	TR 200	25.42	88.02	88.41	88.41	88.60	0.020303	1.23	13.50	36.73	0.87
Monte	5296	TR 500	30.11	88.02	88.47	88.47	88.67	0.019061	1.33	15.60	38.92	0.88
Monte	5233	TR 50	18.59	83.36	84.11	84.53	85.67	0.128209	5.52	3.37	7.46	2.63
Monte	5233	TR 100	21.98	83.36	84.17	84.63	85.82	0.120801	5.69	3.87	7.98	2.59
Monte	5233	TR 200	25.42	83.36	84.24	84.81	85.95	0.110281	5.79	4.40	8.47	2.51
Monte	5233	TR 500	30.11	83.36	84.31	84.90	86.15	0.104100	6.01	5.05	9.01	2.48
Monte	5181	TR 50	18.59	83.62	84.28	84.28	84.46	0.014743	2.02	10.53	30.03	0.92
Monte	5181	TR 100	21.98	83.62	84.33	84.33	84.52	0.014079	2.11	12.07	31.76	0.92
Monte	5181	TR 200	25.42	83.62	84.37	84.37	84.58	0.013800	2.20	13.48	32.88	0.92
Monte	5181	TR 500	30.11	83.62	84.43	84.43	84.66	0.013238	2.30	15.49	37.40	0.92
Monte	5084	TR 50	18.59	81.99	82.77	82.78	82.96	0.016136	2.04	10.05	29.91	1.02
Monte	5084	TR 100	21.98	81.99	82.81	82.82	83.03	0.016828	2.20	11.17	31.47	1.05
Monte	5084	TR 200	25.42	81.99	82.84	82.88	83.08	0.017201	2.33	12.29	32.29	1.07
Monte	5084	TR 500	30.11	81.99	82.89	82.94	83.16	0.017890	2.51	13.95	37.36	1.10
Monte	5027	TR 50	36.03	81.07	81.85	81.76	81.98	0.011268	1.73	22.89	50.38	0.76
Monte	5027	TR 100	42.95	81.07	81.91	81.83	82.05	0.011347	1.80	25.62	51.33	0.77
Monte	5027	TR 200	49.97	81.07	81.96	81.87	82.12	0.011535	1.84	28.27	53.98	0.78
Monte	5027	TR 500	59.39	81.07	82.01	81.93	82.20	0.011774	1.98	31.35	55.04	0.80
Monte	4981	TR 50	36.03	80.47	81.08	81.08	81.28	0.021303	2.04	18.21	46.52	1.01
Monte	4981	TR 100	42.95	80.47	81.13	81.13	81.36	0.020555	2.17	20.63	47.57	1.01
Monte	4981	TR 200	49.97	80.47	81.18	81.18	81.43	0.019919	2.28	22.94	48.44	1.01
Monte	4981	TR 500	59.39	80.47	81.24	81.24	81.51	0.018888	2.39	26.07	49.67	1.00
Monte	4931	TR 50	36.03	79.41	80.52	80.34	80.62	0.006913	1.32	26.12	48.10	0.59
Monte	4931	TR 100	42.95	79.41	80.58	80.40	80.69	0.006986	1.39	29.24	49.44	0.60
Monte	4931	TR 200	49.97	79.41	80.64	80.45	80.77	0.007043	1.46	32.18	50.41	0.61
Monte	4931	TR 500	59.39	79.41	80.72	80.51	80.86	0.007126	1.53	35.96	51.85	0.62
Monte	4895	TR 50	36.03	79.24	80.37		80.43	0.003588	1.06	34.01	57.82	0.44
Monte	4895	TR 100	42.95	79.24	80.44		80.51	0.003651	1.15	37.76	58.57	0.45
Monte	4895	TR 200	49.97	79.24	80.50		80.57	0.003742	1.23	41.21	59.30	0.46
Monte	4895	TR 500	59.39	79.24	80.57		80.66	0.003840	1.33	45.60	60.26	0.47
Monte	4860	TR 50	36.03	78.84	80.00	80.00	80.18	0.016523	2.28	20.17	51.41	0.92
Monte	4860	TR 100	42.95	78.84	80.05	80.05	80.25	0.016867	2.40	22.45	52.11	0.94
Monte	4860	TR 200	49.97	78.84	80.09	80.09	80.31	0.016866	2.49	24.76	52.94	0.95
Monte	4860	TR 500	59.39	78.84	80.15	80.15	80.40	0.016646	2.59	27.80	53.87	0.96

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)	
Monte	4810	TR 50	36.03	79.31	79.79	79.40	79.81	0.001418	0.52	51.01	83.10	0.26
Monte	4810	TR 100	42.95	79.31	79.85	79.45	79.88	0.001461	0.59	56.59	84.05	0.27
Monte	4810	TR 200	49.97	79.31	79.89	79.49	79.93	0.001685	0.66	59.60	84.56	0.29
Monte	4810	TR 500	59.39	79.31	79.93	79.54	79.98	0.001961	0.76	63.54	85.41	0.32
Monte	4804 45ydf		Culvert									
Monte	4799	TR 50	36.03	77.89	79.10	79.10	79.27	0.013240	2.38	21.87	62.85	0.86
Monte	4799	TR 100	42.95	77.89	79.16	79.16	79.34	0.012279	2.41	26.10	68.98	0.84
Monte	4799	TR 200	49.97	77.89	79.20	79.20	79.39	0.012333	2.50	29.12	70.58	0.85
Monte	4799	TR 500	59.39	77.89	79.25	79.25	79.46	0.012853	2.65	32.66	73.50	0.88
Monte	4773	TR 50	36.03	77.73	78.51	78.34	78.59	0.006372	1.26	29.74	64.84	0.56
Monte	4773	TR 100	42.95	77.73	78.58	78.39	78.66	0.006245	1.35	33.91	67.66	0.57
Monte	4773	TR 200	49.97	77.73	78.62	78.44	78.72	0.006416	1.44	37.23	69.13	0.59
Monte	4773	TR 500	59.39	77.73	78.68	78.50	78.79	0.006595	1.55	41.37	70.60	0.60
Monte	4737	TR 50	36.03	77.56	77.90	77.90	78.11	0.018429	1.19	18.61	47.73	0.83
Monte	4737	TR 100	42.95	77.56	77.97	77.97	78.18	0.019053	1.30	21.90	54.78	0.86
Monte	4737	TR 200	49.97	77.56	78.02	78.02	78.24	0.017954	1.31	24.97	57.84	0.84
Monte	4737	TR 500	59.39	77.56	78.09	78.09	78.32	0.016774	1.40	28.83	60.18	0.84
Monte	4706	TR 50	36.03	76.83	77.20	77.27	77.47	0.022250	1.34	16.60	45.85	0.92
Monte	4706	TR 100	42.95	76.83	77.28	77.31	77.52	0.022635	1.60	20.49	52.09	0.97
Monte	4706	TR 200	49.97	76.83	77.32	77.35	77.59	0.023334	1.74	22.57	54.53	1.00
Monte	4706	TR 500	59.39	76.83	77.37	77.42	77.66	0.024946	1.90	25.54	58.95	1.05
Monte	4659	TR 50	36.03	76.01	76.51	76.43	76.64	0.011720	1.22	22.77	52.53	0.71
Monte	4659	TR 100	42.95	76.01	76.57	76.46	76.71	0.011413	1.32	26.16	55.08	0.71
Monte	4659	TR 200	49.97	76.01	76.62	76.53	76.77	0.011380	1.44	28.92	55.95	0.73
Monte	4659	TR 500	59.39	76.01	76.68	76.59	76.85	0.011478	1.59	32.33	57.06	0.75
Monte	4615	TR 50	36.03	75.39	76.03		76.14	0.010523	1.60	24.28	58.17	0.73
Monte	4615	TR 100	42.95	75.39	76.08		76.21	0.011098	1.76	27.32	59.95	0.76
Monte	4615	TR 200	49.97	75.39	76.13		76.27	0.011420	1.88	29.99	62.86	0.78
Monte	4615	TR 500	59.39	75.39	76.18		76.34	0.011646	2.01	33.40	66.59	0.80
Monte	4571	TR 50	36.03	75.06	75.56		75.66	0.011264	1.44	25.98	70.91	0.73
Monte	4571	TR 100	42.95	75.06	75.61		75.72	0.010990	1.54	29.40	72.35	0.73
Monte	4571	TR 200	49.97	75.06	75.66		75.78	0.010658	1.62	33.01	74.81	0.73
Monte	4571	TR 500	59.39	75.06	75.71		75.84	0.010568	1.73	37.17	76.90	0.74
Monte	4521	TR 50	36.03	74.30	75.16	75.01	75.23	0.006467	1.30	30.76	72.53	0.57
Monte	4521	TR 100	42.95	74.30	75.21	75.05	75.29	0.006447	1.39	34.71	75.61	0.58
Monte	4521	TR 200	49.97	74.30	75.26	75.09	75.35	0.006568	1.48	38.59	77.47	0.59
Monte	4521	TR 500	59.39	74.30	75.32	75.14	75.42	0.006636	1.57	42.96	78.89	0.61
Monte	4486	TR 50	36.03	74.17	74.71	74.71	74.87	0.019260	1.55	21.24	68.15	0.90
Monte	4486	TR 100	42.95	74.17	74.75	74.75	74.92	0.020089	1.71	23.79	70.06	0.94
Monte	4486	TR 200	49.97	74.17	74.79	74.79	74.98	0.020359	1.85	26.51	72.21	0.96
Monte	4486	TR 500	59.39	74.17	74.83	74.83	75.04	0.019740	1.97	29.90	73.13	0.97
Monte	4426	TR 50	36.03	72.92	74.04	73.83	74.09	0.004706	1.02	33.68	68.27	0.48
Monte	4426	TR 100	42.95	72.92	74.09	73.87	74.16	0.004771	1.11	37.46	68.95	0.49
Monte	4426	TR 200	49.97	72.92	74.14	73.92	74.22	0.004854	1.19	40.96	69.43	0.50
Monte	4426	TR 500	59.39	72.92	74.21	73.97	74.29	0.004927	1.28	45.44	70.04	0.51
Monte	4374	TR 50	36.03	72.45	73.67		73.77	0.008406	1.51	27.30	65.39	0.65
Monte	4374	TR 100	42.95	72.45	73.73		73.84	0.007912	1.57	31.34	67.48	0.64
Monte	4374	TR 200	49.97	72.45	73.79		73.90	0.007522	1.62	35.18	68.70	0.64
Monte	4374	TR 500	59.39	72.45	73.85		73.98	0.007372	1.71	39.56	69.56	0.64
Monte	4324	TR 50	36.03	72.10	72.95	72.94	73.17	0.017736	2.46	18.33	40.61	0.98
Monte	4324	TR 100	42.95	72.10	73.01	73.00	73.26	0.017649	2.61	20.97	43.34	1.00
Monte	4324	TR 200	49.97	72.10	73.07	73.07	73.35	0.017372	2.75	23.87	47.56	1.00
Monte	4324	TR 500	59.39	72.10	73.16	73.16	73.44	0.016246	2.85	27.97	50.65	0.99
Monte	4265	TR 50	36.03	71.20	72.08	72.08	72.33	0.011697	1.40	18.18	35.64	0.73
Monte	4265	TR 100	42.95	71.20	72.16	72.16	72.42	0.011740	1.50	20.91	37.75	0.74
Monte	4265	TR 200	49.97	71.20	72.20	72.21	72.50	0.013116	1.64	22.54	38.72	0.79
Monte	4265	TR 500	59.39	71.20	72.29	72.31	72.60	0.012530	1.72	26.22	40.91	0.79
Monte	4209	TR 50	36.03	70.91	71.31	71.33	71.52	0.018106	1.05	18.67	49.02	0.80
Monte	4209	TR 100	42.95	70.91	71.36	71.38	71.59	0.018618	1.26	21.17	50.64	0.85
Monte	4209	TR 200	49.97	70.91	71.42	71.43	71.65	0.016394	1.41	24.67	52.08	0.83
Monte	4209	TR 500	59.39	70.91	71.46	71.49	71.73	0.018543	1.63	26.67	52.87	0.90
Monte	4147	TR 50	36.03	69.80	70.72	70.49	70.81	0.004964	1.36	27.82	45.22	0.53
Monte	4147	TR 100	42.95	69.80	70.80	70.54	70.90	0.004736	1.44	31.74	46.55	0.52
Monte	4147	TR 200	49.97	69.80	70.88	70.60	70.99	0.004563	1.51	35.63	48.41	0.52
Monte	4147	TR 500	59.39	69.80	70.99	70.66	71.10	0.004325	1.59	40.62	49.87	0.52
Monte	4075	TR 50	36.03	68.91	70.14		70.30	0.010559	0.98	22.58	36.83	0.41
Monte	4075	TR 100	42.95	68.91	70.19		70.38	0.011992	1.10	24.32	37.37	0.44
Monte	4075	TR 200	49.97	68.91	70.24		70.46	0.013232	1.21	26.03	37.90	0.47
Monte	4075	TR 500	59.39	68.91	70.28	70.22	70.56	0.015206	1.35	27.88	38.46	0.51

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)	
Monte	4008	TR 50	36.03	68.62	69.39		69.53	0.012405	1.45	22.45	53.01	0.75
Monte	4008	TR 100	42.95	68.62	69.46		69.60	0.010860	1.53	26.43	56.56	0.73
Monte	4008	TR 200	49.97	68.62	69.53		69.67	0.009866	1.60	30.43	61.78	0.71
Monte	4008	TR 500	59.39	68.62	69.62		69.76	0.008765	1.67	36.07	69.18	0.69
Monte	3959	TR 50	36.03	67.66	68.74	68.65	68.93	0.011930	2.08	18.88	32.47	0.81
Monte	3959	TR 100	42.95	67.66	68.80	68.71	69.02	0.012697	2.28	21.04	34.49	0.85
Monte	3959	TR 200	49.97	67.66	68.86	68.79	69.11	0.013112	2.44	23.09	35.65	0.88
Monte	3959	TR 500	59.39	67.66	68.93	68.87	69.22	0.013615	2.63	25.75	37.35	0.91
Monte	3919	TR 50	36.03	67.33	68.33		68.49	0.009460	1.99	21.33	40.25	0.74
Monte	3919	TR 100	42.95	67.33	68.40		68.58	0.008999	2.07	24.41	41.15	0.73
Monte	3919	TR 200	49.97	67.33	68.47		68.66	0.008782	2.16	27.23	41.96	0.73
Monte	3919	TR 500	59.39	67.33	68.56		68.76	0.008498	2.26	30.93	43.08	0.73
Monte	3867	TR 50	36.03	66.90	68.13		68.20	0.003162	1.25	32.47	48.63	0.43
Monte	3867	TR 100	42.95	66.90	68.22		68.29	0.003153	1.33	36.63	49.93	0.44
Monte	3867	TR 200	49.97	66.90	68.28		68.36	0.003301	1.42	39.94	50.86	0.46
Monte	3867	TR 500	59.39	66.90	68.37		68.46	0.003424	1.53	44.48	52.52	0.47
Monte	3807	TR 50	36.03	66.67	67.58	67.58	67.84	0.013395	2.41	17.38	37.77	0.88
Monte	3807	TR 100	42.95	66.67	67.65	67.65	67.93	0.013301	2.55	20.06	40.70	0.89
Monte	3807	TR 200	49.97	66.67	67.75	67.75	68.01	0.011261	2.53	24.46	46.72	0.84
Monte	3807	TR 500	59.39	66.67	67.83	67.83	68.11	0.011092	2.64	28.08	47.78	0.84
Monte	3739	TR 50	36.03	66.20	66.59	66.41	66.64	0.009021	0.34	35.30	85.60	0.23
Monte	3739	TR 100	42.95	66.20	66.64	66.45	66.70	0.009064	0.35	39.36	87.58	0.24
Monte	3739	TR 200	49.97	66.20	66.67	66.49	66.75	0.009713	0.37	42.71	90.49	0.24
Monte	3739	TR 500	59.39	66.20	66.72	66.54	66.81	0.009993	0.41	47.37	92.98	0.25
Monte	3699	TR 50	36.03	65.93	65.94	65.94	66.06	0.027501	0.13	23.08	93.29	0.56
Monte	3699	TR 100	42.95	65.93	65.97	65.97	66.11	0.028172	0.38	25.80	97.58	0.74
Monte	3699	TR 200	49.97	65.93	66.00	66.00	66.15	0.025620	0.59	29.62	103.85	0.79
Monte	3699	TR 500	59.39	65.93	66.04	66.04	66.20	0.025376	0.77	33.62	108.00	0.84
Monte	3667	TR 50	36.03	64.75	65.39	65.19	65.42	0.003518	0.90	44.34	124.80	0.42
Monte	3667	TR 100	42.95	64.75	65.43	65.22	65.47	0.003539	0.96	50.04	129.15	0.42
Monte	3667	TR 200	49.97	64.75	65.49	65.25	65.53	0.003799	1.06	56.98	137.98	0.45
Monte	3667	TR 500	59.39	64.75	65.54	65.30	65.58	0.003701	1.11	64.80	146.84	0.45
Monte	3552	TR 50	88.68	63.16	64.08	64.08	64.34	0.016485	2.51	39.30	75.73	1.00
Monte	3552	TR 100	105.87	63.16	64.16	64.15	64.44	0.015040	2.60	45.75	79.40	0.97
Monte	3552	TR 200	123.26	63.16	64.24	64.22	64.53	0.013194	2.62	52.51	80.81	0.93
Monte	3552	TR 500	146.46	63.16	64.34	64.29	64.64	0.012112	2.70	60.15	82.18	0.91
Monte	3521	TR 50	88.68	62.63	63.96	63.68	64.08	0.003816	1.90	61.30	84.78	0.55
Monte	3521	TR 100	105.87	62.63	64.05		64.18	0.003787	1.98	69.63	92.19	0.56
Monte	3521	TR 200	123.26	62.63	64.14		64.28	0.003876	2.09	77.86	96.14	0.57
Monte	3521	TR 500	146.46	62.63	64.25		64.41	0.003779	2.17	88.57	97.79	0.57
Monte	3487	TR 50	88.68	62.61	63.84		63.95	0.003664	1.65	62.44	79.47	0.52
Monte	3487	TR 100	105.87	62.61	63.93		64.05	0.003828	1.78	69.64	82.95	0.54
Monte	3487	TR 200	123.26	62.61	64.01		64.15	0.003879	1.88	76.66	85.37	0.55
Monte	3487	TR 500	146.46	62.61	64.12		64.27	0.003873	2.00	86.36	92.14	0.56
Monte	3440	TR 50	88.68	62.50	63.47		63.68	0.009316	2.30	44.89	71.93	0.79
Monte	3440	TR 100	105.87	62.50	63.56		63.78	0.008763	2.38	51.37	72.65	0.77
Monte	3440	TR 200	123.26	62.50	63.63		63.88	0.008521	2.48	57.17	73.34	0.77
Monte	3440	TR 500	146.46	62.50	63.71		64.00	0.008982	2.66	62.83	74.17	0.80
Monte	3389	TR 50	88.68	63.07	62.87	62.83	63.11	0.013394		41.02	72.89	0.00
Monte	3389	TR 100	105.87	63.07	62.92	62.90	63.20	0.014649		45.07	75.48	0.00
Monte	3389	TR 200	123.26	63.07	62.98	62.98	63.30	0.015385		49.14	77.14	0.00
Monte	3389	TR 500	146.46	63.07	63.07	63.07	63.41	0.014516		56.31	80.86	0.00
Monte	3335	TR 50	88.68	61.76	62.25		62.39	0.012140	1.16	54.88	125.65	0.71
Monte	3335	TR 100	105.87	61.76	62.31		62.46	0.011800	1.26	61.95	126.89	0.71
Monte	3335	TR 200	123.26	61.76	62.36	62.29	62.53	0.011603	0.95	68.93	132.05	0.66
Monte	3335	TR 500	146.46	61.76	62.43	62.35	62.62	0.011107	1.01	78.16	134.97	0.66
Monte	3296	TR 50	88.68	61.51	62.05		62.11	0.004013	0.88	83.46	153.41	0.44
Monte	3296	TR 100	105.87	61.51	62.13		62.19	0.003830	0.96	94.62	154.97	0.44
Monte	3296	TR 200	123.26	61.51	62.19		62.26	0.003743	1.03	104.74	155.99	0.44
Monte	3296	TR 500	146.46	61.51	62.27		62.35	0.003636	1.11	117.63	157.19	0.45
Monte	3251	TR 50	88.68	60.41	62.02		62.04	0.000740	0.70	149.16	183.64	0.22
Monte	3251	TR 100	105.87	60.41	62.09		62.11	0.000804	0.77	162.27	184.70	0.23
Monte	3251	TR 200	123.26	60.41	62.15		62.18	0.000868	0.83	174.11	185.47	0.24
Monte	3251	TR 500	146.46	60.41	62.23		62.26	0.000933	0.89	189.29	186.15	0.25
Monte	3198	TR 50	88.68	60.11	62.00		62.01	0.000298	0.53	197.51	187.65	0.14
Monte	3198	TR 100	105.87	60.11	62.07		62.08	0.000347	0.59	210.46	189.06	0.16
Monte	3198	TR 200	123.26	60.11	62.13		62.14	0.000396	0.65	222.14	190.23	0.17
Monte	3198	TR 500	146.46	60.11	62.21		62.23	0.000453	0.72	237.23	191.58	0.18
Monte	3139	TR 50	88.68	59.41	61.99	60.76	62.00	0.000170	0.48	225.28	172.33	0.11
Monte	3139	TR 100	105.87	59.41	62.05	60.80	62.06	0.000208	0.54	236.76	173.40	0.13
Monte	3139	TR 200	123.26	59.41	62.11	60.83	62.13	0.000247	0.60	247.05	174.65	0.14

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)	
Monte	3139	TR 500	146.46	59.41	62.19	60.90	62.21	0.000296	0.67	260.39	176.42	0.15
Monte	3090		Culvert									
Monte	3064	TR 50	88.68	58.98	60.17	60.00	60.28	0.006333	1.89	62.99	109.80	0.63
Monte	3064	TR 100	105.87	58.98	60.23	60.02	60.36	0.006608	2.01	69.55	110.64	0.65
Monte	3064	TR 200	123.26	58.98	60.29		60.43	0.006672	2.10	76.35	111.51	0.66
Monte	3064	TR 500	146.46	58.98	60.37		60.53	0.006649	2.21	85.45	113.28	0.66
Monte	2977	TR 50	88.68	58.79	59.14	59.14	59.36	0.019995	1.43	43.55	102.45	0.90
Monte	2977	TR 100	105.87	58.79	59.21	59.21	59.44	0.018495	1.59	49.99	103.63	0.90
Monte	2977	TR 200	123.26	58.79	59.26	59.26	59.51	0.018265	1.74	55.31	104.66	0.91
Monte	2977	TR 500	146.46	58.79	59.32	59.32	59.61	0.018392	1.94	61.69	106.28	0.94
Monte	2920	TR 50	88.68	57.16	58.48	58.26	58.60	0.005944	1.70	58.66	84.79	0.59
Monte	2920	TR 100	105.87	57.16	58.56	58.31	58.69	0.006260	1.86	65.64	89.63	0.62
Monte	2920	TR 200	123.26	57.16	58.62	58.38	58.78	0.006523	1.98	71.61	91.48	0.64
Monte	2920	TR 500	146.46	57.16	58.70	58.46	58.88	0.006839	2.14	78.78	92.82	0.66
Monte	2858	TR 50	88.68	57.13	57.99		58.13	0.009760	1.70	53.54	97.71	0.71
Monte	2858	TR 100	105.87	57.13	58.07		58.22	0.009510	1.77	61.02	101.79	0.71
Monte	2858	TR 200	123.26	57.13	58.14		58.31	0.009020	1.81	68.56	104.19	0.70
Monte	2858	TR 500	146.46	57.13	58.23		58.41	0.008532	1.75	78.31	107.63	0.68
Monte	2786	TR 50	88.68	56.27	57.66		57.73	0.003241	1.45	77.54	110.83	0.46
Monte	2786	TR 100	105.87	56.27	57.76		57.83	0.003082	1.50	88.12	112.01	0.45
Monte	2786	TR 200	123.26	56.27	57.85		57.94	0.002901	1.54	99.21	114.43	0.44
Monte	2786	TR 500	146.46	56.27	57.97		58.06	0.002788	1.60	112.00	115.73	0.44
Monte	2709	TR 50	88.68	55.33	57.10	57.05	57.34	0.007888	2.72	46.14	69.01	0.74
Monte	2709	TR 100	105.87	55.33	57.17	57.11	57.45	0.008280	2.89	51.67	72.90	0.77
Monte	2709	TR 200	123.26	55.33	57.25	57.17	57.55	0.008796	3.08	57.14	73.71	0.80
Monte	2709	TR 500	146.46	55.33	57.33	57.31	57.67	0.009275	3.27	63.18	74.62	0.83
Monte	2655	TR 50	88.68	55.49	56.52		56.68	0.019559	0.76	53.46	98.57	0.39
Monte	2655	TR 100	105.87	55.49	56.59		56.77	0.018974	0.78	60.39	102.06	0.39
Monte	2655	TR 200	123.26	55.49	56.66		56.86	0.018319	0.79	67.87	107.21	0.38
Monte	2655	TR 500	146.46	55.49	56.75		56.96	0.017554	0.83	77.71	113.50	0.38
Monte	2600	TR 50	88.68	55.13	56.12	55.82	56.21	0.004557	1.35	68.75	103.79	0.51
Monte	2600	TR 100	105.87	55.13	56.19	55.89	56.29	0.004736	1.47	75.92	104.68	0.53
Monte	2600	TR 200	123.26	55.13	56.26	55.95	56.37	0.004895	1.58	83.04	106.84	0.54
Monte	2600	TR 500	146.46	55.13	56.34	56.02	56.47	0.005133	1.71	91.71	109.54	0.56
Monte	2549	TR 50	88.68	54.90	55.58	55.58	55.79	0.017147	1.76	45.24	109.68	0.89
Monte	2549	TR 100	105.87	54.90	55.64	55.64	55.86	0.016577	1.82	52.09	113.76	0.89
Monte	2549	TR 200	123.26	54.90	55.69	55.69	55.94	0.016693	1.91	58.34	118.43	0.90
Monte	2549	TR 500	146.46	54.90	55.76	55.76	56.02	0.016199	1.97	66.32	121.36	0.90
Monte	2443	TR 50	88.68	53.91	55.30	54.56	55.34	0.000852	0.86	111.85	99.42	0.24
Monte	2443	TR 100	105.87	53.91	55.37	54.62	55.41	0.001025	0.98	118.37	100.75	0.27
Monte	2443	TR 200	123.26	53.91	55.46	54.68	55.50	0.001114	1.06	127.02	101.70	0.28
Monte	2443	TR 500	146.46	53.91	55.55	54.76	55.61	0.001251	1.17	136.63	102.68	0.30
Monte	2396	TR 50	88.68	53.57	55.24		55.28	0.001415	1.05	93.11	91.89	0.31
Monte	2396	TR 100	105.87	53.57	55.29		55.35	0.001741	1.20	97.57	92.42	0.34
Monte	2396	TR 200	123.26	53.57	55.36		55.43	0.001899	1.30	104.62	93.42	0.36
Monte	2396	TR 500	146.46	53.57	55.44		55.53	0.002182	1.45	111.99	94.84	0.39
Monte	2361	TR 50	88.68	53.39	55.24	54.36	55.25	0.000336	0.48	174.15	149.49	0.15
Monte	2361	TR 100	105.87	53.39	55.29	54.41	55.31	0.000418	0.56	181.69	150.60	0.16
Monte	2361	TR 200	123.26	53.39	55.37	54.45	55.39	0.000464	0.61	193.60	153.45	0.18
Monte	2361	TR 500	146.46	53.39	55.45	54.50	55.48	0.000576	0.71	206.28	160.13	0.20
Monte	2351 494		Culvert									
Monte	2337	TR 50	88.68	52.97	53.93		54.06	0.007866	1.24	56.61	94.68	0.49
Monte	2337	TR 100	105.87	52.97	54.01		54.15	0.007635	1.27	63.92	100.59	0.48
Monte	2337	TR 200	123.26	52.97	54.08		54.24	0.007393	1.29	71.33	104.84	0.48
Monte	2337	TR 500	146.46	52.97	54.19		54.35	0.007393	1.35	82.95	117.31	0.48
Monte	2232	TR 50	88.68	52.14	53.37		53.44	0.004786	1.33	75.48	100.90	0.44
Monte	2232	TR 100	105.87	52.14	53.46		53.54	0.004798	1.41	84.07	101.43	0.44
Monte	2232	TR 200	123.26	52.14	53.54		53.63	0.004794	1.49	92.30	101.90	0.45
Monte	2232	TR 500	146.46	52.14	53.64		53.74	0.004774	1.57	102.71	102.47	0.46
Monte	2147	TR 50	88.68	51.72	52.61		52.79	0.013082	1.20	47.35	75.79	0.62
Monte	2147	TR 100	105.87	51.72	52.69		52.90	0.012620	1.35	53.67	76.14	0.63
Monte	2147	TR 200	123.26	51.72	52.77		52.99	0.012256	1.47	59.68	76.48	0.64
Monte	2147	TR 500	146.46	51.72	52.87		53.12	0.011885	1.62	67.20	76.88	0.65
Monte	2080	TR 50	88.68	50.89	52.13		52.24	0.005251	1.51	61.25	77.28	0.47
Monte	2080	TR 100	105.87	50.89	52.23		52.35	0.005205	1.60	68.85	78.60	0.47
Monte	2080	TR 200	123.26	50.89	52.32		52.46	0.005178	1.68	75.98	79.58	0.48
Monte	2080	TR 500	146.46	50.89	52.43		52.58	0.005177	1.77	84.66	80.40	0.49
Monte	1965	TR 50	88.68	50.43	51.40		51.54	0.007282	1.63	54.79	72.92	0.55
Monte	1965	TR 100	105.87	50.43	51.49		51.64	0.007502	1.76	61.22	75.81	0.56

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)	
Monte	1965	TR 200	123.26	50.43	51.56		51.74	0.007738	1.87	66.88	77.21	0.58
Monte	1965	TR 500	146.46	50.43	51.66		51.86	0.007906	2.00	74.14	79.97	0.59
Monte	1850	TR 50	88.68	49.51	50.59		50.73	0.006715	1.22	56.96	95.05	0.56
Monte	1850	TR 100	105.87	49.51	50.67		50.83	0.006694	1.27	64.94	98.26	0.57
Monte	1850	TR 200	123.26	49.51	50.75		50.91	0.006660	1.30	72.00	99.54	0.57
Monte	1850	TR 500	146.46	49.51	50.83		51.01	0.006685	1.34	80.58	101.08	0.58
Monte	1744	TR 50	88.68	48.85	49.81		49.95	0.008087	1.39	54.33	91.85	0.63
Monte	1744	TR 100	105.87	48.85	49.88		50.04	0.008173	1.48	61.53	96.19	0.64
Monte	1744	TR 200	123.26	48.85	49.95		50.13	0.008156	1.56	68.65	101.10	0.65
Monte	1744	TR 500	146.46	48.85	50.04		50.24	0.008090	1.61	77.79	105.60	0.65
Monte	1641	TR 50	88.68	48.04	49.20		49.30	0.004923	1.47	64.84	95.57	0.53
Monte	1641	TR 100	105.87	48.04	49.29		49.40	0.004825	1.56	72.96	96.61	0.54
Monte	1641	TR 200	123.26	48.04	49.37		49.49	0.004753	1.64	80.74	97.75	0.54
Monte	1641	TR 500	146.46	48.04	49.47		49.60	0.004623	1.74	90.80	98.95	0.54
Monte	1590	TR 50	88.68	47.60	48.79		48.96	0.008617	2.32	50.23	79.34	0.74
Monte	1590	TR 100	105.87	47.60	48.86		49.06	0.008891	2.46	55.76	80.14	0.76
Monte	1590	TR 200	123.26	47.60	48.92		49.15	0.009214	2.60	60.86	81.09	0.78
Monte	1590	TR 500	146.46	47.60	48.99		49.26	0.009821	2.80	66.89	82.96	0.81
Monte	1524	TR 50	88.68	46.41	48.15	48.12	48.35	0.009960	2.62	49.75	97.30	0.80
Monte	1524	TR 100	105.87	46.41	48.23	48.17	48.44	0.009816	2.72	58.23	106.16	0.80
Monte	1524	TR 200	123.26	46.41	48.30	48.25	48.52	0.009775	2.82	65.65	110.06	0.81
Monte	1524	TR 500	146.46	46.41	48.37	48.33	48.62	0.009546	2.90	74.19	110.99	0.80
Monte	1460	TR 50	88.68	46.52	47.69		47.81	0.006510	1.69	59.52	106.08	0.61
Monte	1460	TR 100	105.87	46.52	47.77		47.91	0.006552	1.81	68.39	109.73	0.62
Monte	1460	TR 200	123.26	46.52	47.84		47.98	0.006621	1.91	75.37	110.95	0.64
Monte	1460	TR 500	146.46	46.52	47.92		48.08	0.006671	2.02	84.26	112.70	0.65
Monte	1374	TR 50	88.68	45.46	47.09		47.25	0.006658	2.31	56.78	97.38	0.67
Monte	1374	TR 100	105.87	45.46	47.17		47.34	0.006559	2.40	65.45	102.98	0.67
Monte	1374	TR 200	123.26	45.46	47.25		47.42	0.006391	2.46	73.18	104.18	0.67
Monte	1374	TR 500	146.46	45.46	47.34		47.53	0.006190	2.53	83.24	106.45	0.66
Monte	1299	TR 50	88.68	45.07	46.73		46.83	0.004286	1.83	66.85	97.38	0.53
Monte	1299	TR 100	105.87	45.07	46.79		46.91	0.004729	1.98	72.70	98.38	0.57
Monte	1299	TR 200	123.26	45.07	46.85		46.99	0.005070	2.11	78.47	99.21	0.59
Monte	1299	TR 500	146.46	45.07	46.92		47.09	0.005444	2.28	86.11	101.46	0.62
Monte	1224	TR 50	88.68	44.44	46.16	46.14	46.34	0.011028	2.45	52.53	114.65	0.81
Monte	1224	TR 100	105.87	44.44	46.24		46.41	0.009727	2.43	61.69	115.80	0.77
Monte	1224	TR 200	123.26	44.44	46.31		46.49	0.008957	2.44	70.22	119.35	0.75
Monte	1224	TR 500	146.46	44.44	46.41		46.59	0.008197	2.48	82.33	124.45	0.73
Monte	1152	TR 50	88.68	44.08	45.75		45.85	0.004207	1.56	66.69	95.97	0.51
Monte	1152	TR 100	105.87	44.08	45.84		45.95	0.004277	1.66	75.11	99.59	0.52
Monte	1152	TR 200	123.26	44.08	45.91		46.03	0.004375	1.76	82.51	101.14	0.53
Monte	1152	TR 500	146.46	44.08	46.02		46.15	0.004397	1.88	93.65	106.29	0.54
Monte	1063	TR 50	88.68	43.37	45.20		45.36	0.007101	2.30	54.33	89.55	0.68
Monte	1063	TR 100	105.87	43.37	45.30		45.47	0.006756	2.37	64.19	99.91	0.67
Monte	1063	TR 200	123.26	43.37	45.38		45.56	0.006587	2.43	71.88	104.85	0.67
Monte	1063	TR 500	146.46	43.37	45.48		45.67	0.006691	2.57	82.55	110.39	0.68
Monte	992	TR 50	88.68	43.08	44.96	44.65	45.04	0.002878	1.95	76.70	104.99	0.47
Monte	992	TR 100	105.87	43.08	45.04	44.71	45.13	0.003287	2.14	85.23	110.84	0.50
Monte	992	TR 200	123.26	43.08	45.11	44.76	45.21	0.003311	2.21	93.89	112.09	0.51
Monte	992	TR 500	146.46	43.08	45.21	44.85	45.32	0.003321	2.29	105.09	114.10	0.51
Monte	950		Culvert									
Monte	920	TR 50	103.30	41.36	43.93		44.05	0.003636	1.54	72.79	43.23	0.32
Monte	920	TR 100	123.21	41.36	44.07		44.20	0.004118	1.70	78.53	44.15	0.34
Monte	920	TR 200	143.34	41.36	44.19		44.35	0.004561	1.85	83.91	44.92	0.36
Monte	920	TR 500	170.17	41.36	44.33		44.53	0.005107	2.03	90.56	45.90	0.39
Monte	809	TR 50	103.30	40.82	43.61		43.69	0.002738	0.79	92.08	84.67	0.20
Monte	809	TR 100	123.21	40.82	43.72		43.81	0.002815	0.84	101.73	85.34	0.20
Monte	809	TR 200	143.34	40.82	43.83		43.93	0.002881	0.88	110.91	86.06	0.21
Monte	809	TR 500	170.17	40.82	43.97		44.08	0.002951	0.94	122.48	87.03	0.21
Monte	722	TR 50	103.30	41.63	43.02		43.24	0.012355	1.36	55.37	72.08	0.43
Monte	722	TR 100	123.21	41.63	43.13		43.36	0.011465	1.41	63.09	73.12	0.43
Monte	722	TR 200	143.34	41.63	43.22		43.48	0.011084	1.48	69.98	74.03	0.43
Monte	722	TR 500	170.17	41.63	43.34		43.63	0.010720	1.56	78.50	74.86	0.43
Monte	674	TR 50	103.30	41.81	42.46		42.72	0.009460	0.62	48.72	61.10	0.32
Monte	674	TR 100	123.21	41.81	42.56		42.85	0.009767	0.69	55.12	65.21	0.34
Monte	674	TR 200	143.34	41.81	42.65		42.98	0.009877	0.81	61.11	66.48	0.36
Monte	674	TR 500	170.17	41.81	42.77		43.13	0.009949	0.95	68.69	67.87	0.38
Monte	633	TR 50	103.30	40.78	41.97	41.91	42.23	0.015146	1.11	48.02	72.48	0.43
Monte	633	TR 100	123.21	40.78	42.03	41.99	42.34	0.015977	1.20	52.69	73.50	0.45
Monte	633	TR 200	143.34	40.78	42.09	42.07	42.45	0.016640	1.28	57.19	74.52	0.47

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
Monte	633	TR 500	170.17	40.78	42.17	42.17	42.59	0.017426	1.37	62.81	75.83	0.50
Monte	572	TR 50	103.30	40.06	41.19		41.36	0.012466	1.04	57.81	104.58	0.44
Monte	572	TR 100	123.21	40.06	41.26		41.45	0.012282	1.13	65.37	105.86	0.45
Monte	572	TR 200	143.34	40.06	41.32		41.54	0.012273	1.21	71.74	106.49	0.46
Monte	572	TR 500	170.17	40.06	41.39		41.64	0.012358	1.31	79.59	108.99	0.48
Monte	489	TR 50	103.30	40.09	40.69		40.77	0.004305	0.92	85.09	134.47	0.45
Monte	489	TR 100	123.21	40.09	40.75		40.84	0.004523	1.01	93.39	135.15	0.47
Monte	489	TR 200	143.34	40.09	40.82		40.92	0.004576	1.08	102.11	135.80	0.48
Monte	489	TR 500	170.17	40.09	40.90		41.02	0.004568	1.15	113.53	136.75	0.49
Monte	454	TR 50	103.30	38.41	40.28	40.28	40.50	0.014342	2.76	52.44	104.48	0.92
Monte	454	TR 100	123.21	38.41	40.37	40.33	40.59	0.012358	2.65	62.00	106.50	0.86
Monte	454	TR 200	143.34	38.41	40.45		40.67	0.010965	2.61	71.54	110.54	0.82
Monte	454	TR 500	170.17	38.41	40.56		40.78	0.009718	2.62	83.22	116.70	0.78
Monte	425	TR 50	103.30	38.59	40.21	39.81	40.29	0.003000	1.34	86.84	109.06	0.43
Monte	425	TR 100	123.21	38.59	40.30		40.38	0.003134	1.44	96.44	115.01	0.44
Monte	425	TR 200	143.34	38.59	40.38		40.48	0.003210	1.53	106.36	120.08	0.46
Monte	425	TR 500	170.17	38.59	40.49		40.59	0.003260	1.64	119.28	126.31	0.47
Monte	343	TR 50	103.30	38.48	39.50	39.49	39.79	0.015600	2.93	45.45	80.48	0.98
Monte	343	TR 100	123.21	38.48	39.61	39.59	39.90	0.013404	2.93	54.36	84.07	0.93
Monte	343	TR 200	143.34	38.48	39.69	39.66	39.99	0.012472	2.98	61.74	86.40	0.91
Monte	343	TR 500	170.17	38.48	39.80	39.74	40.12	0.011562	3.06	71.36	90.68	0.89
Monte	290	TR 50	103.30	36.95	39.09		39.31	0.005552	2.43	56.86	70.39	0.63
Monte	290	TR 100	123.21	36.95	39.19		39.43	0.005805	2.59	64.41	75.55	0.65
Monte	290	TR 200	143.34	36.95	39.29		39.55	0.005797	2.69	71.83	77.10	0.66
Monte	290	TR 500	170.17	36.95	39.41		39.69	0.005739	2.81	81.41	79.11	0.66
Monte	238	TR 50	103.30	37.00	38.70	38.59	38.94	0.008978	2.58	49.84	64.32	0.77
Monte	238	TR 100	123.21	37.00	38.82	38.67	39.07	0.008342	2.66	57.65	66.78	0.75
Monte	238	TR 200	143.34	37.00	38.93		39.20	0.007754	2.71	65.33	68.44	0.74
Monte	238	TR 500	170.17	37.00	39.07		39.35	0.007148	2.78	75.13	70.12	0.72
Monte	197	TR 50	103.30	37.14	38.38		38.61	0.007109	2.05	49.61	52.85	0.66
Monte	197	TR 100	123.21	37.14	38.51		38.76	0.006651	2.16	56.99	56.67	0.65
Monte	197	TR 200	143.34	37.14	38.65		38.91	0.006152	2.24	64.65	57.86	0.64
Monte	197	TR 500	170.17	37.14	38.79		39.08	0.005955	2.37	73.12	58.51	0.64
Monte	147	TR 50	103.30	35.70	38.20		38.35	0.003264	1.94	64.23	59.38	0.48
Monte	147	TR 100	123.21	35.70	38.36		38.51	0.003171	2.03	73.38	60.95	0.49
Monte	147	TR 200	143.34	35.70	38.50		38.67	0.003105	2.12	82.37	63.28	0.49
Monte	147	TR 500	170.17	35.70	38.65		38.84	0.003200	2.26	91.88	64.99	0.50
Monte	103	TR 50	103.30	35.25	37.65	37.65	38.08	0.011885	3.39	38.64	43.58	0.90
Monte	103	TR 100	123.21	35.25	37.74	37.74	38.24	0.012583	3.64	43.01	45.37	0.93
Monte	103	TR 200	143.34	35.25	37.83	37.83	38.39	0.013428	3.90	46.86	46.78	0.97
Monte	103	TR 500	170.17	35.25	38.03	38.03	38.57	0.011565	3.90	56.96	53.01	0.92
Monte	48	TR 50	103.30	35.01	37.06	36.91	37.33	0.008564	2.70	47.43	55.86	0.75
Monte	48	TR 100	123.21	35.01	37.19	37.00	37.47	0.008021	2.78	54.63	57.64	0.74
Monte	48	TR 200	143.34	35.01	37.28	37.13	37.60	0.008163	2.92	60.07	58.55	0.76
Monte	48	TR 500	170.17	35.01	37.41	37.25	37.77	0.008058	3.07	67.91	62.61	0.76
Monte	10	TR 50	103.30	34.12	36.55	36.55	36.94	0.011629	3.23	40.12	47.79	0.88
Monte	10	TR 100	123.21	34.12	36.64	36.64	37.09	0.012096	3.45	44.67	49.14	0.91
Monte	10	TR 200	143.34	34.12	36.77	36.77	37.23	0.011006	3.48	51.46	52.24	0.88
Monte	10	TR 500	170.17	34.12	36.89	36.89	37.39	0.011190	3.67	57.42	53.21	0.89