



REGIONE AUTONOMA DELLA SARDEGNA



COMUNE DI SASSARI

COMUNE DI SASSARI

**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 BUDDI BUDDI - EDIFICATO DI OTTAVA - RIO FILIBERTU - RIO DON GAVINO - RIO FILIBERTU - RIO BARCA - RIO SU MATTONE)			C-3
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:

- 11. Rio Buddi Buddi
- 12. Edificato Di Ottava
- 13. Rio Filibertu – Rio San Gavino
- 14. Rio Filibertu (monte)
- 15. Rio Don Gavino
- 16. Rio Barca – Rio Su Mattone

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 11 : Rio Buddi Buddi

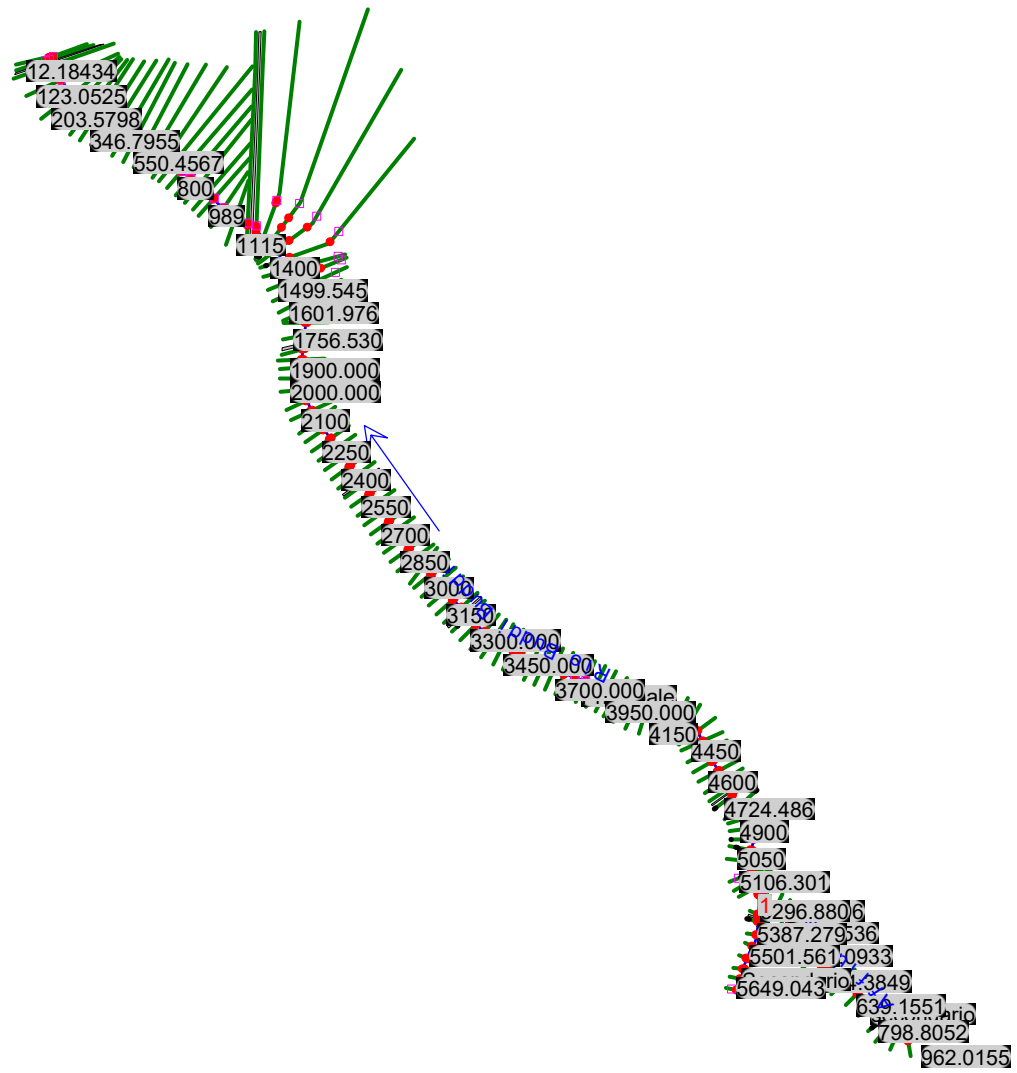
Componenti:

Affluente
Rio Buddi Buddi

- 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;

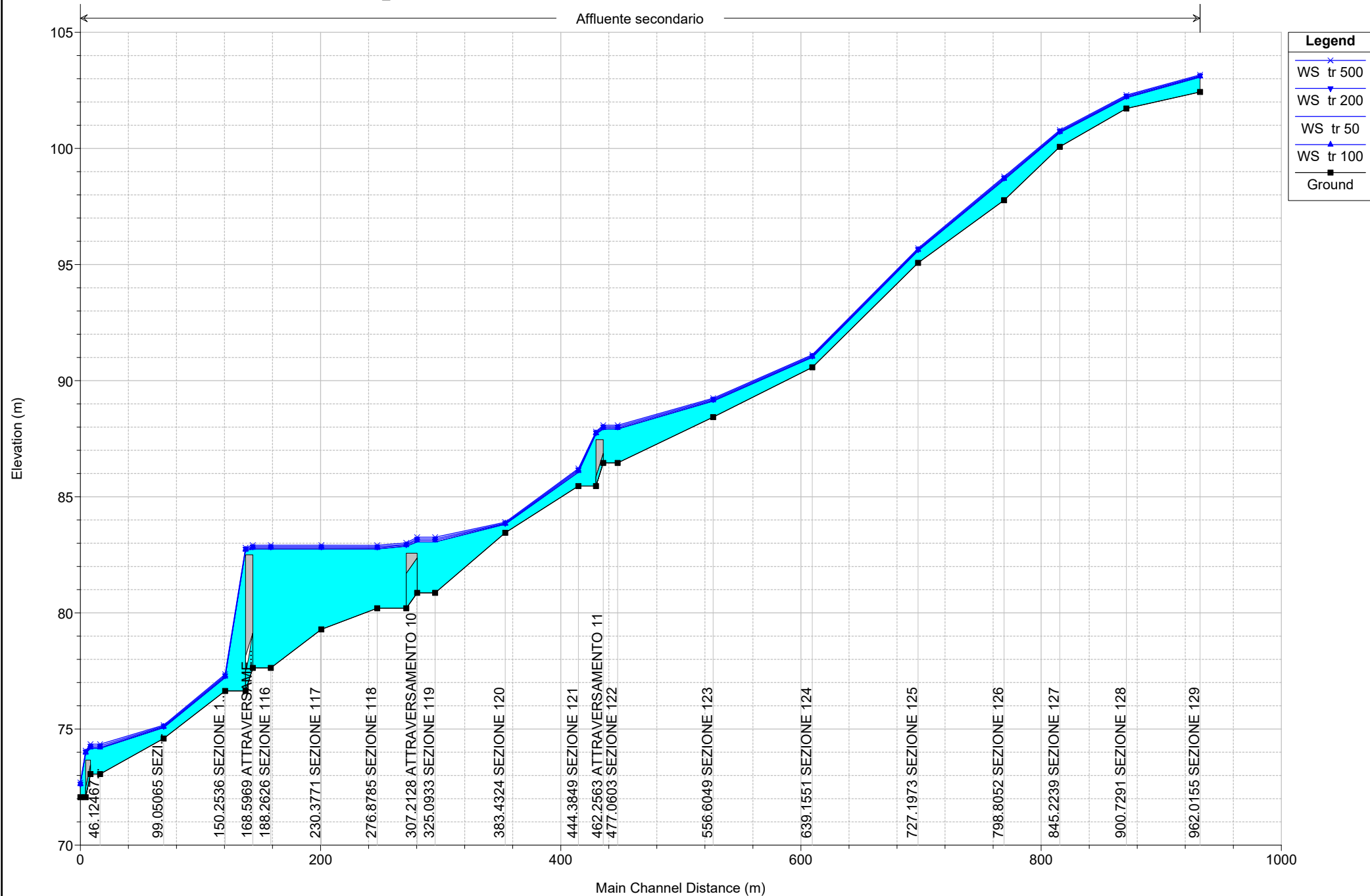
River	Reach	RS	PORTATE mc/s			
			tr 50	tr 100	tr 200	tr 500
Affluente	secondario	962.0155	22.782	27.11	31.485	37.324
Rio Buddi Buddi	Secondario	5649.043	29.962	35.59	41.271	48.837
Rio Buddi Buddi	Principale	5171.313	52.847	62.819	72.888	86.303
Rio Buddi Buddi	Principale	4550	65.702	78.003	90.413	106.932
Rio Buddi Buddi	Principale	3050	65.702	78.003	90.413	106.932
Rio Buddi Buddi	Principale	1650	90.434	107.047	123.774	146.001

River	Reach	PROFILI	condizioni al contorno	
			upstream	downstream
Affluente	secondario	all	Critical Depth	Junction=1
Rio Buddi Buddi	Secondario	all	Critical Depth	Junction=1
Rio Buddi Buddi	Principale	all	Junction=1	Normal Depth S = 0.001



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

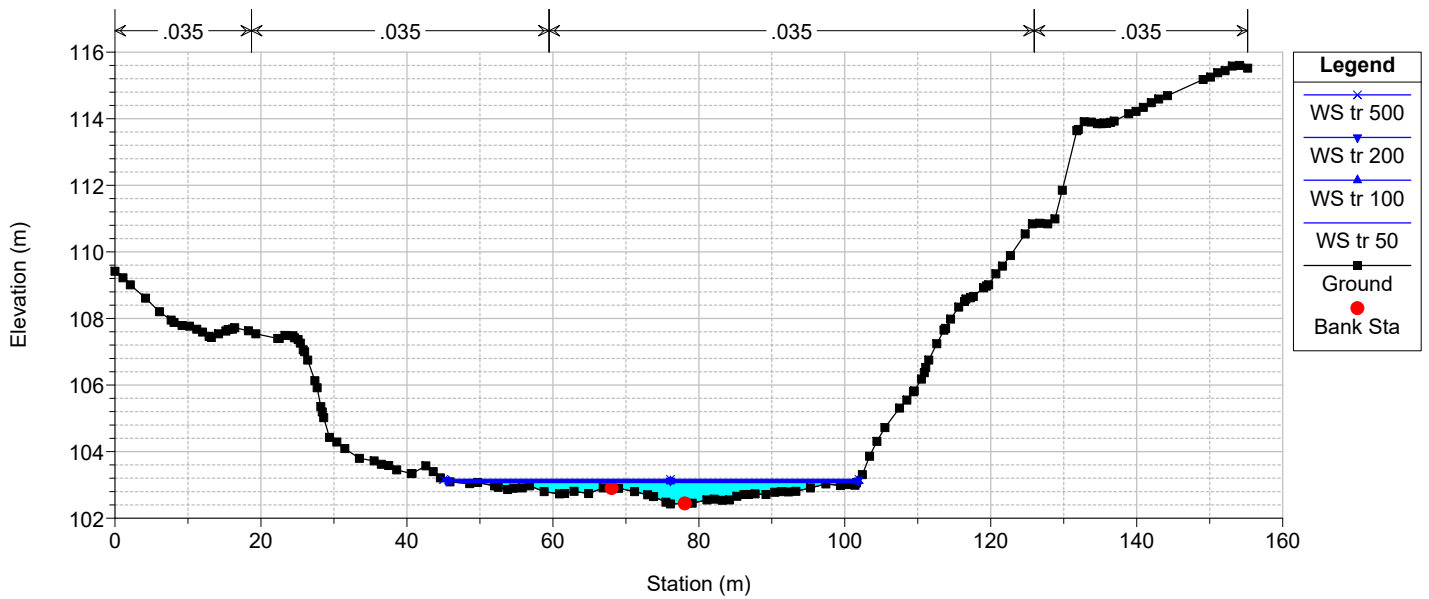
Geom: 10022021_2 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

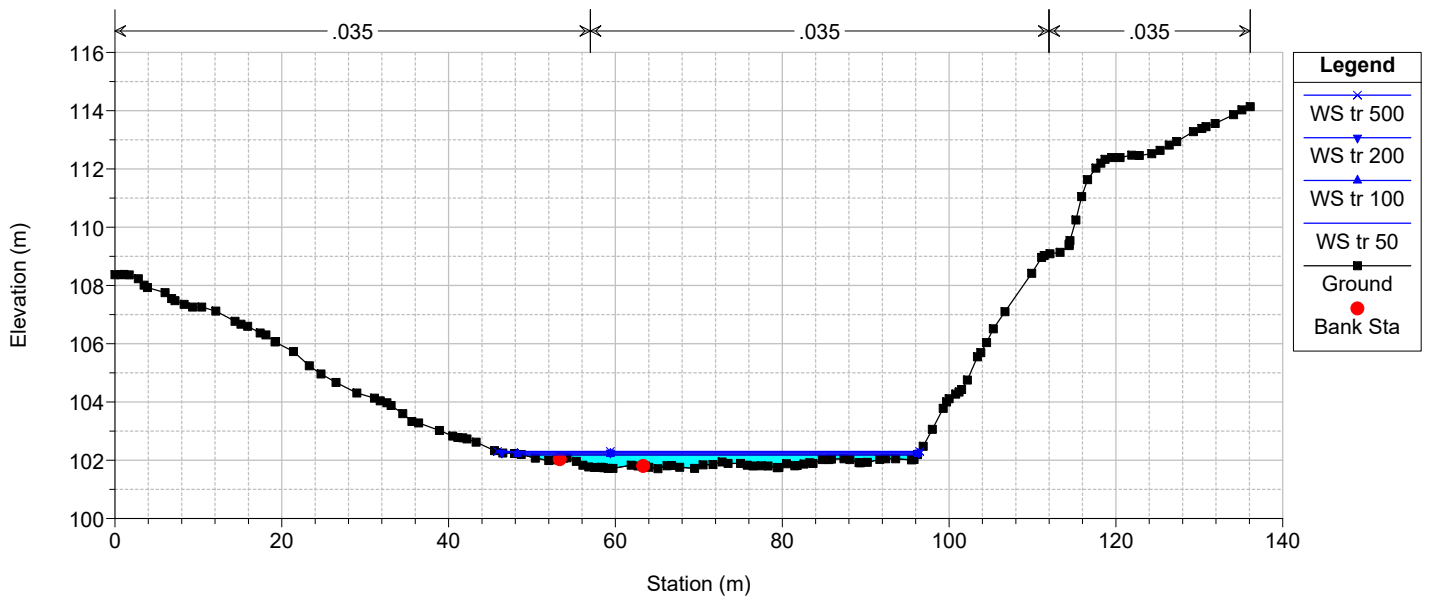
River = Affluente Reach = secondario RS = 962.0155 SEZIONE 129 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

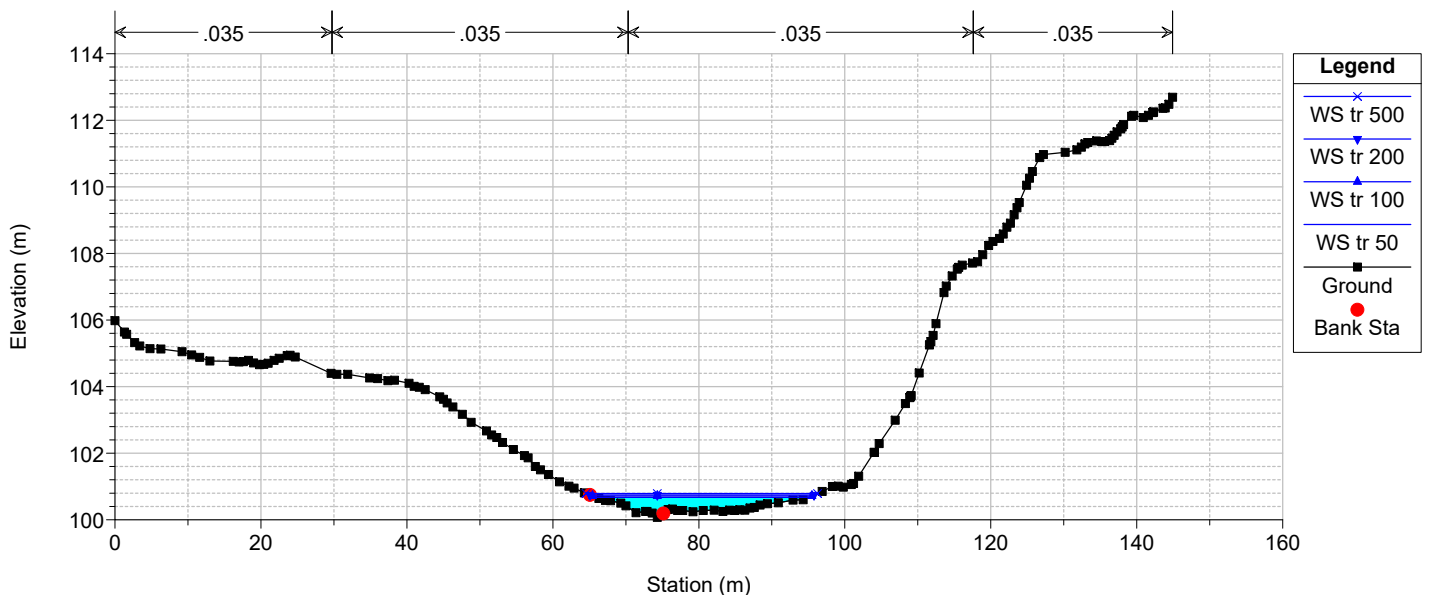
River = Affluente Reach = secondario RS = 900.7291 SEZIONE 128 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

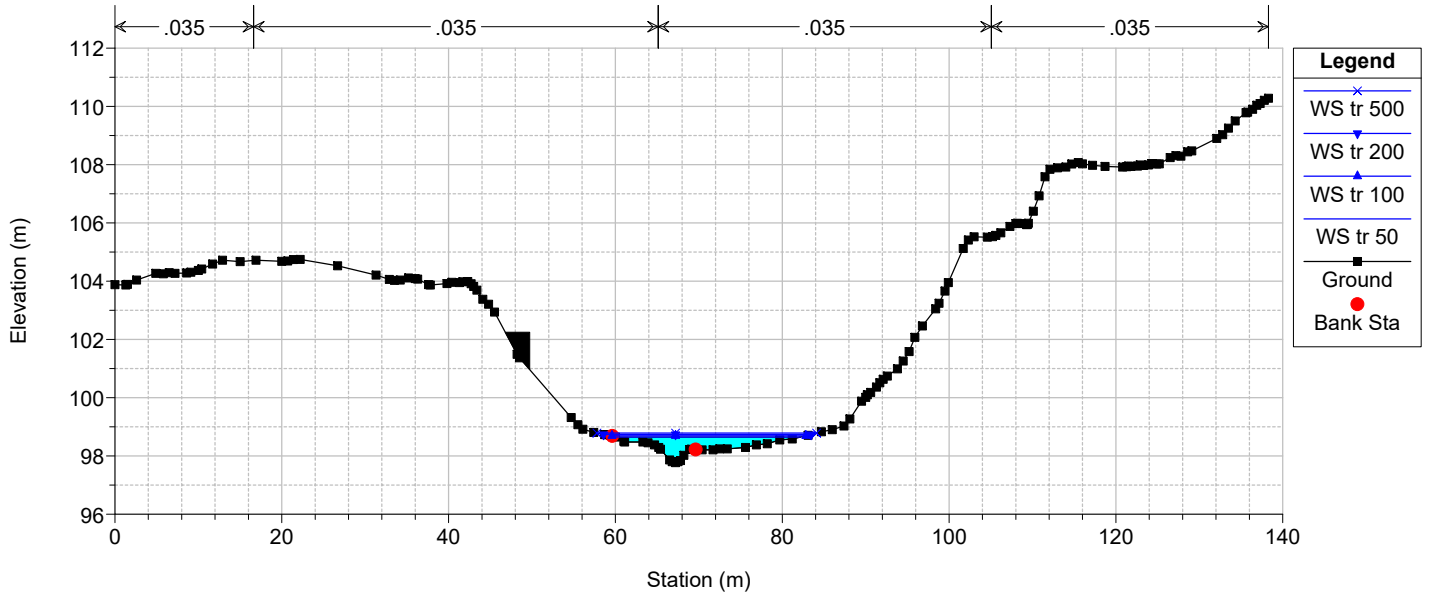
River = Affluente Reach = secondario RS = 845.2239 SEZIONE 127 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

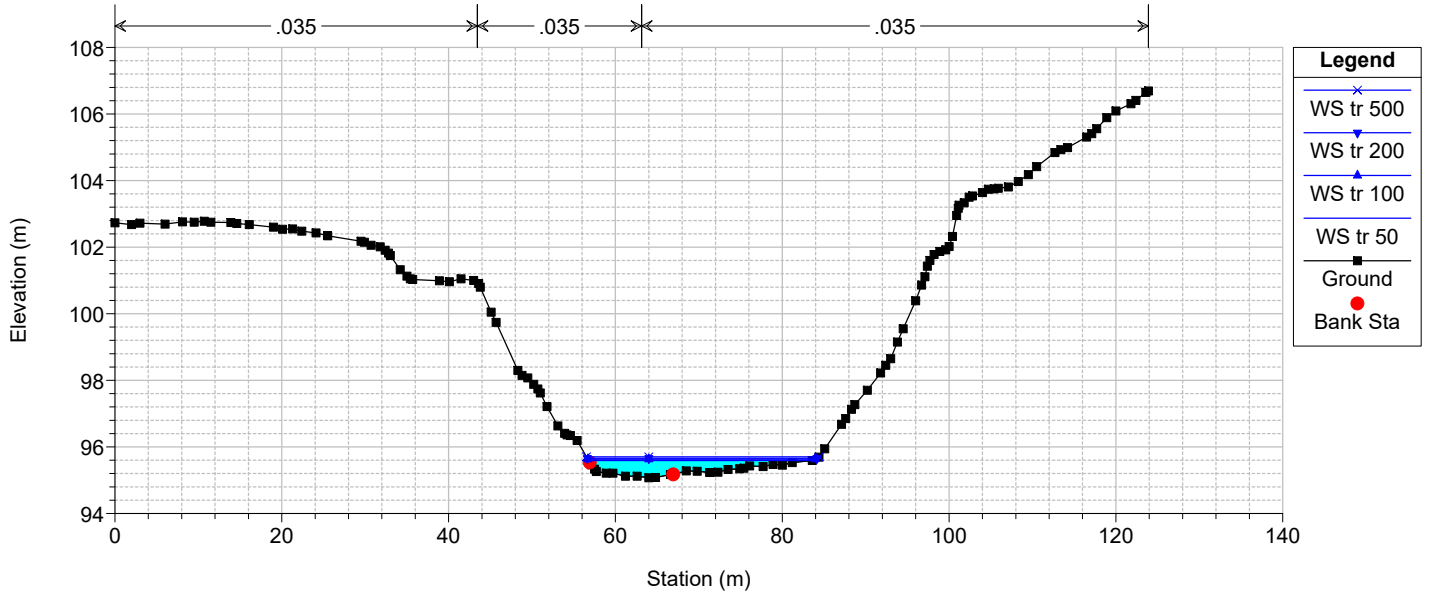
River = Affluente Reach = secondario RS = 798.8052 SEZIONE 126 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

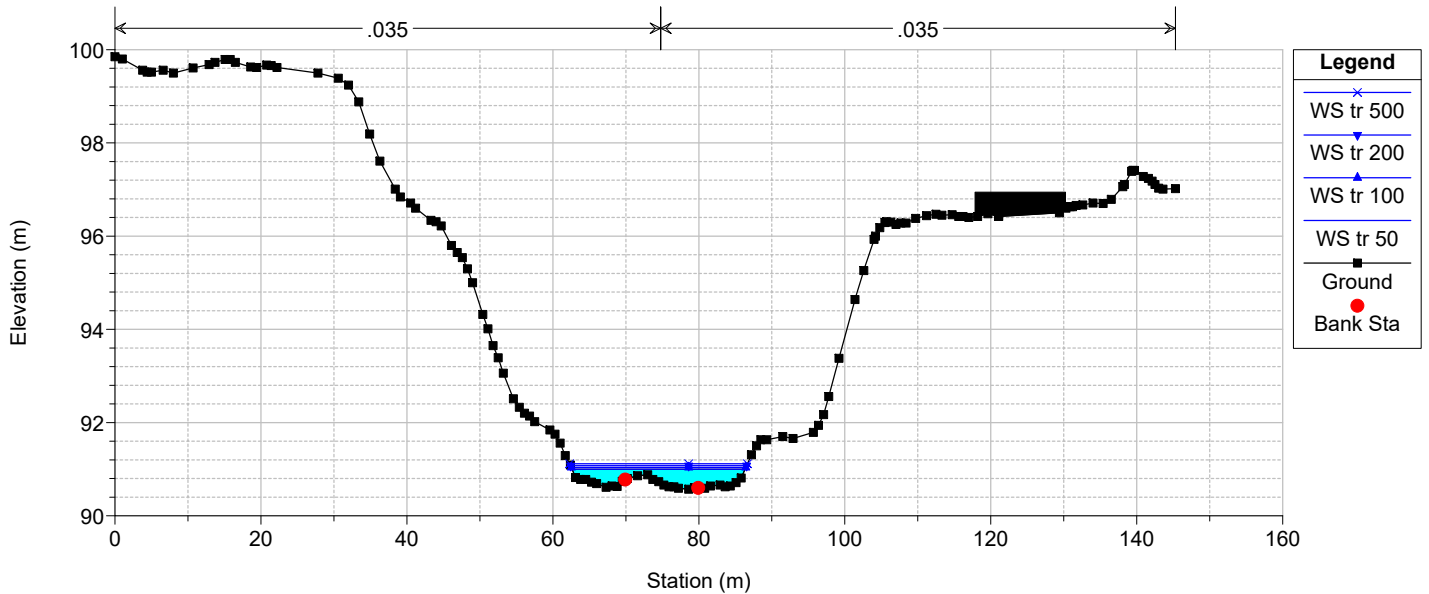
River = Affluente Reach = secondario RS = 727.1973 SEZIONE 125 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

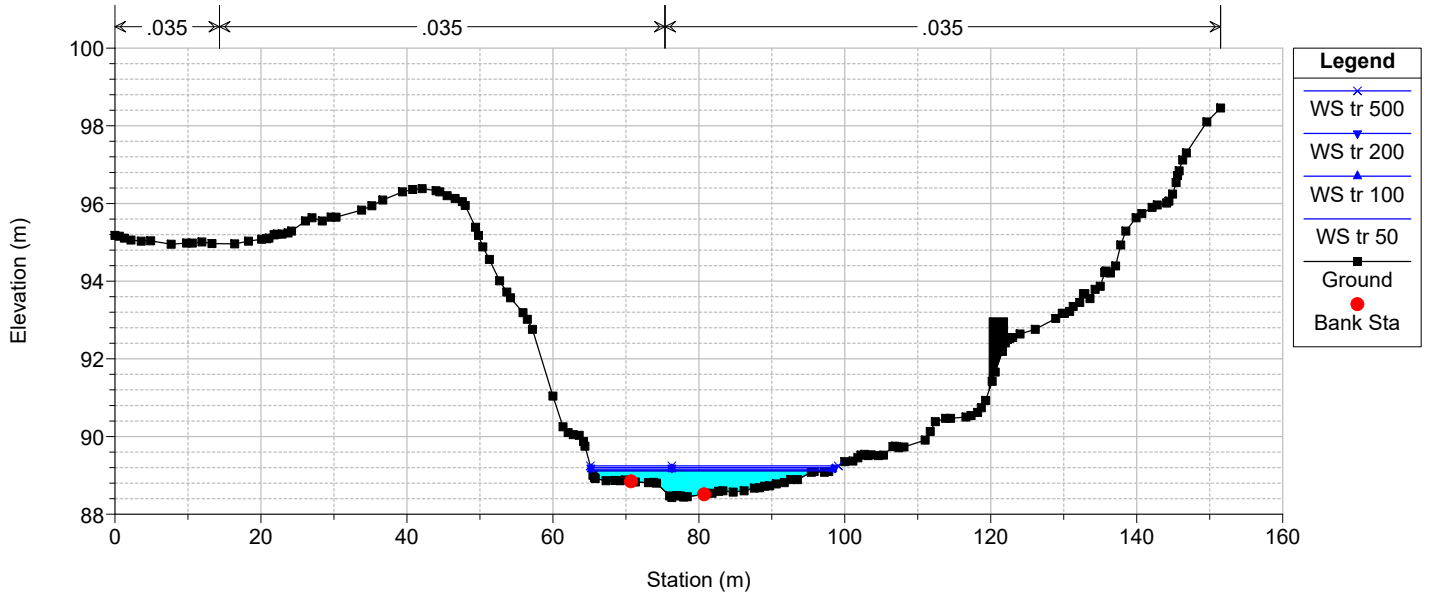
River = Affluente Reach = secondario RS = 639.1551 SEZIONE 124 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

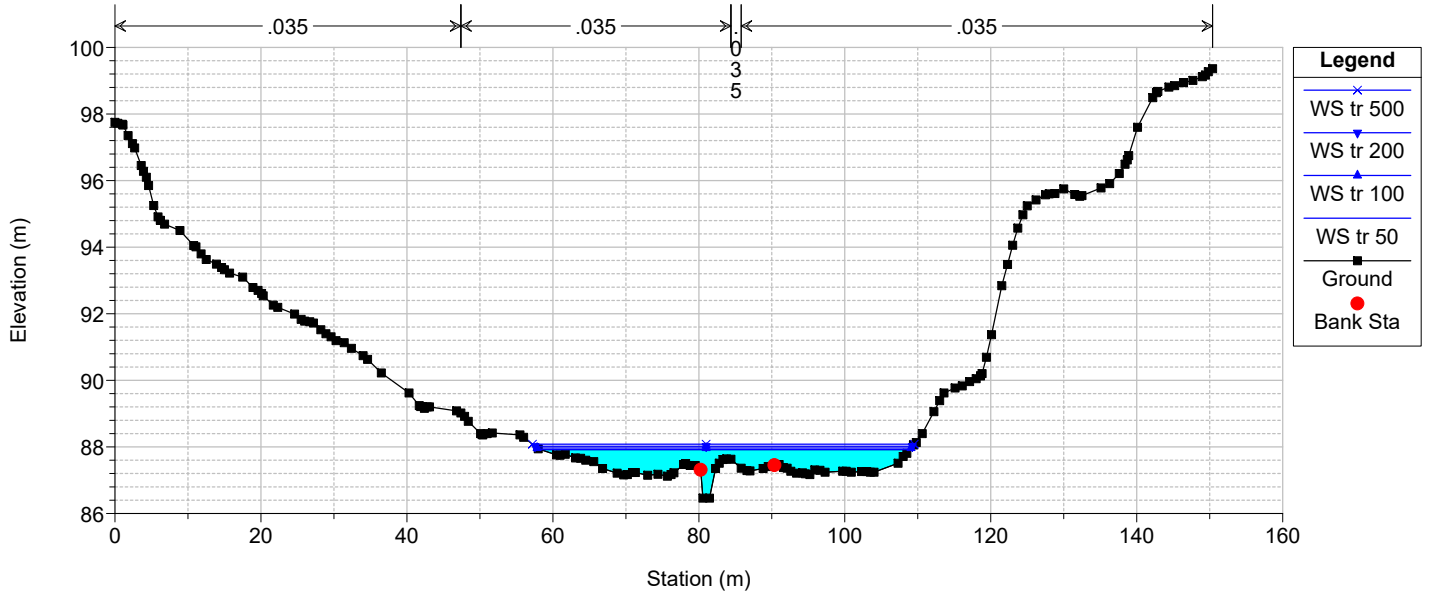
River = Affluente Reach = secondario RS = 556.6049 SEZIONE 123 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

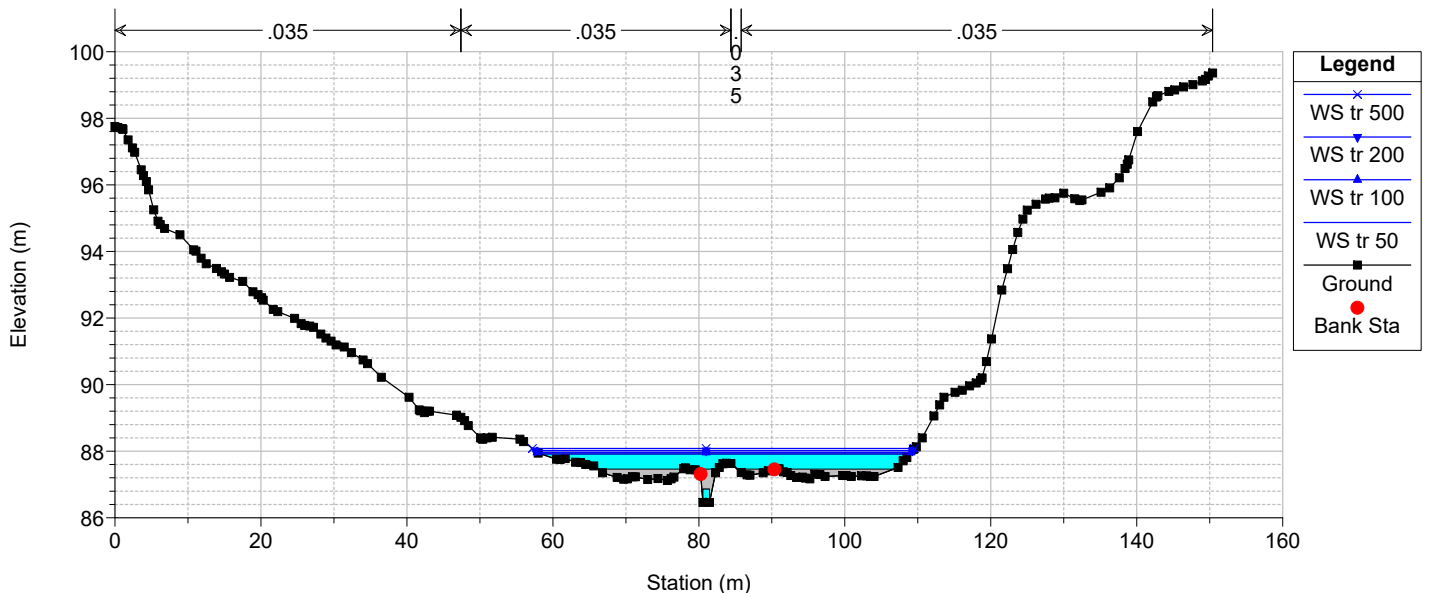
River = Affluente Reach = secondario RS = 477.0603 SEZIONE 122 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

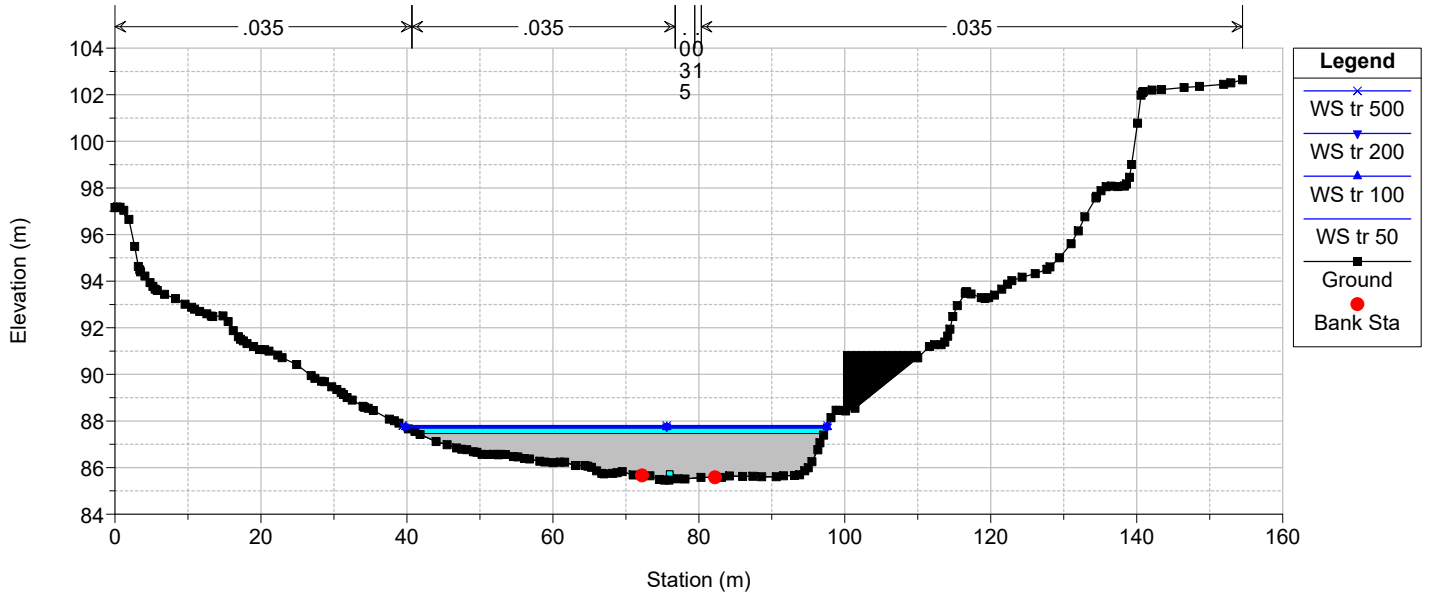
River = Affluente Reach = secondario RS = 462.2563 Culv ATTRAVERSAMENTO 11 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

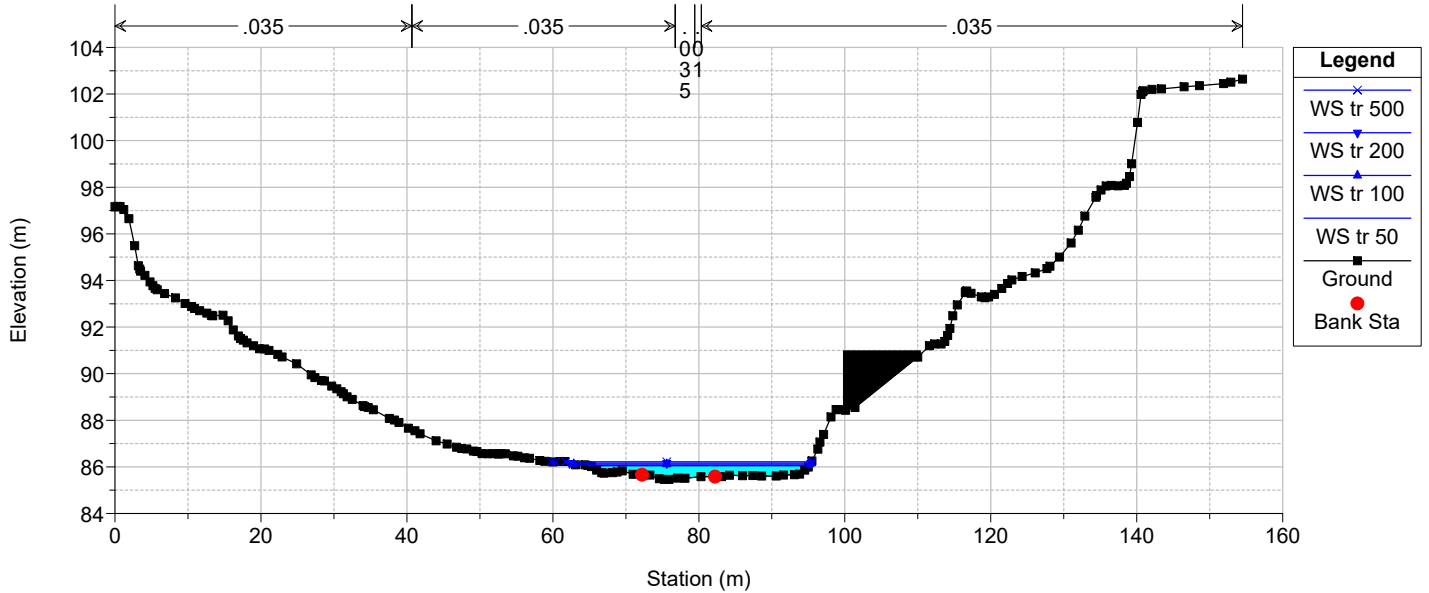
River = Affluente Reach = secondario RS = 462.2563 Culv ATTRAVERSAMENTO 11 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

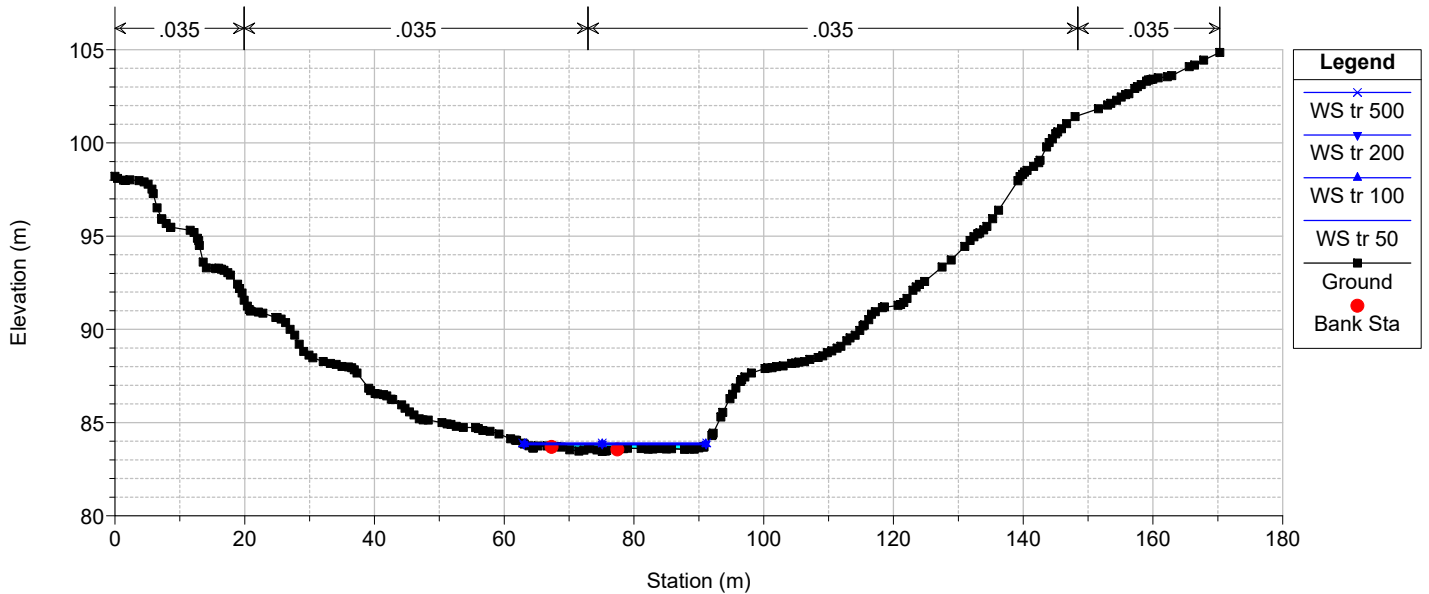
River = Affluente Reach = secondario RS = 444.3849 SEZIONE 121 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



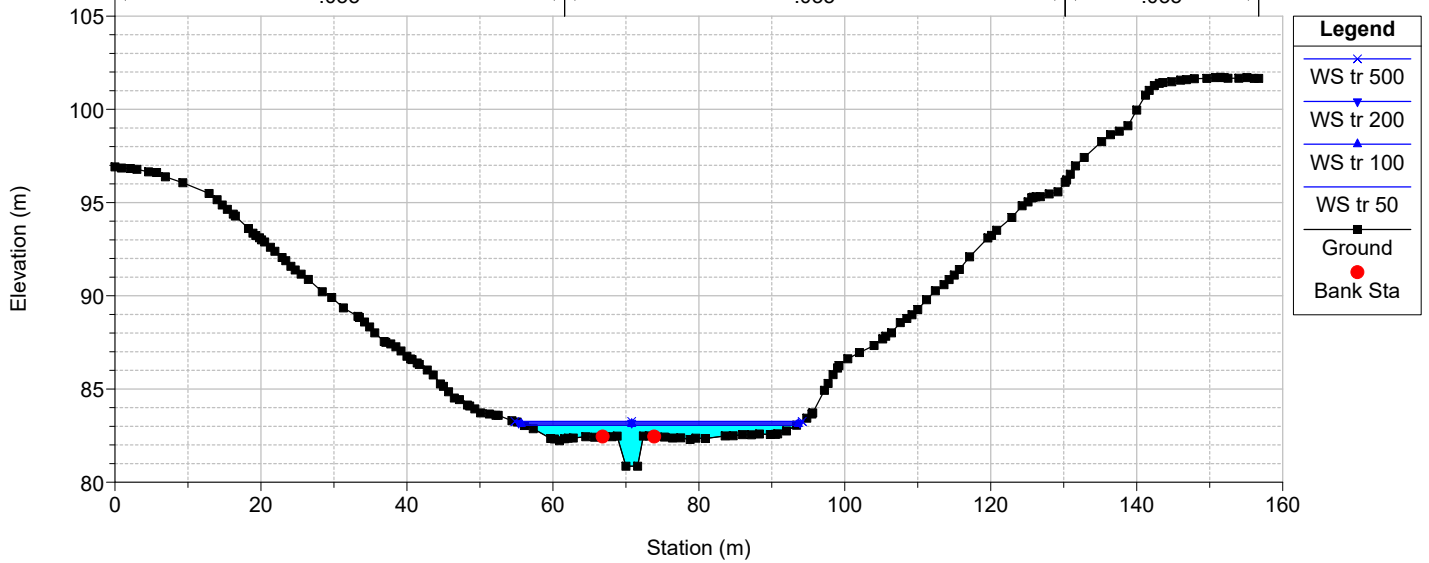
RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

River = Affluente Reach = secondario RS = 383.4324 SEZIONE 120 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

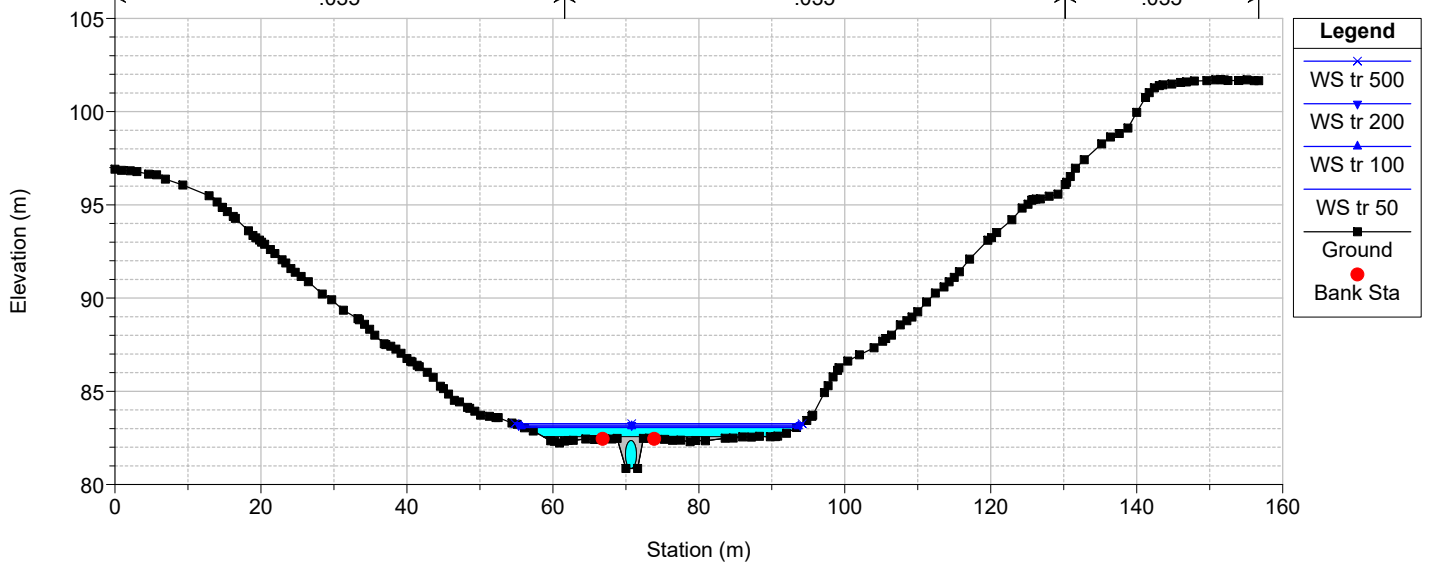


Geom: 10022021_2 Flow: 05022021



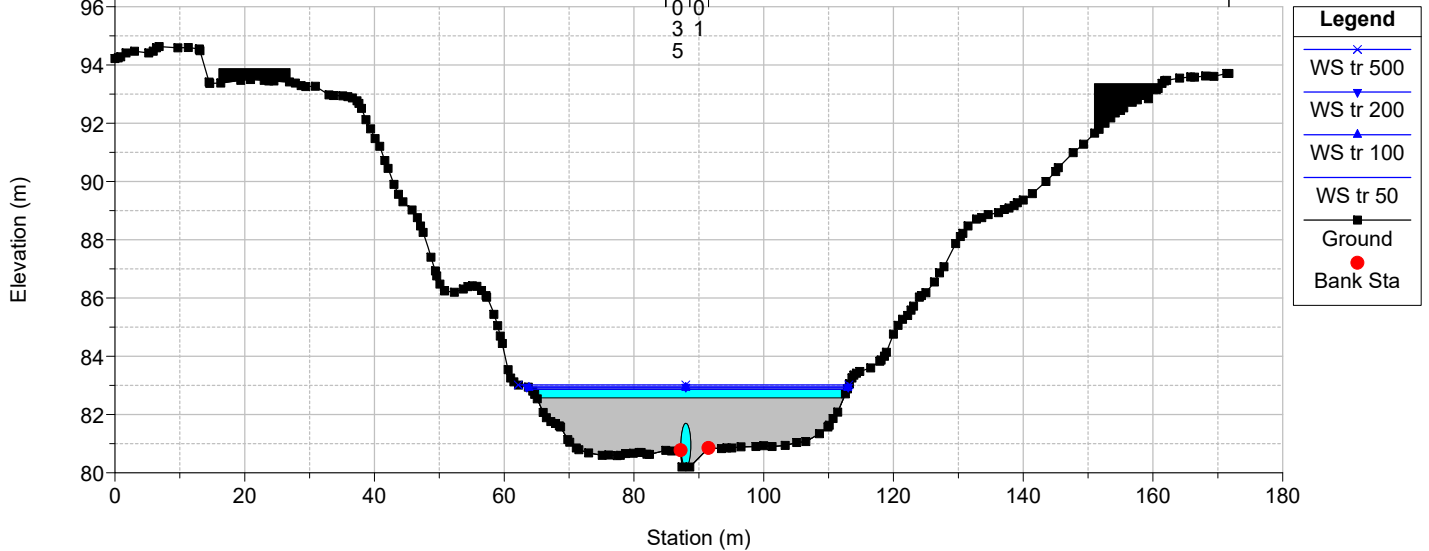
Geom: 10022021_2 Flow: 05022021

A horizontal dimension line with three segments. Each segment is labeled with the value .035. The segments are separated by tick marks and arrows at the ends.



Geom: 10022021_2 Flow: 05022021

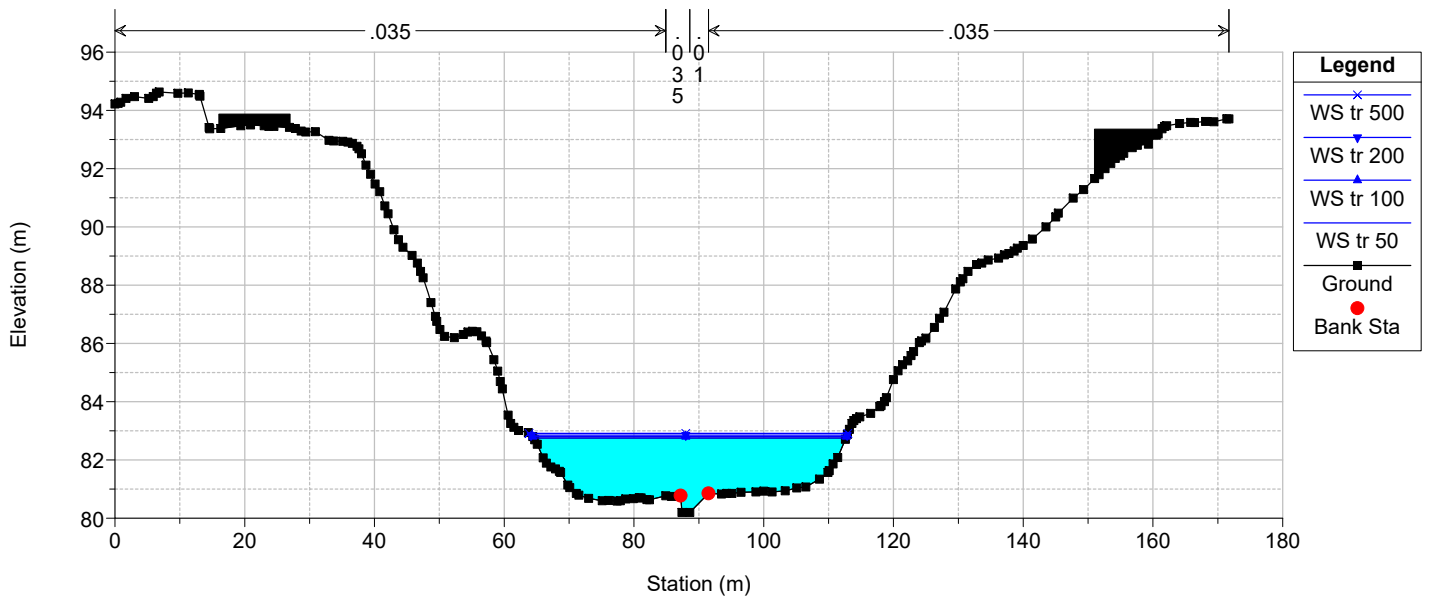
A horizontal number line from -5 to 5 with a grid. A bracket from -5 to 0 is labeled .035. A bracket from 0 to 5 is labeled .035. The number 0 is written above the line, and 3, 1, and 5 are written below it at the first, second, and third grid lines respectively.



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

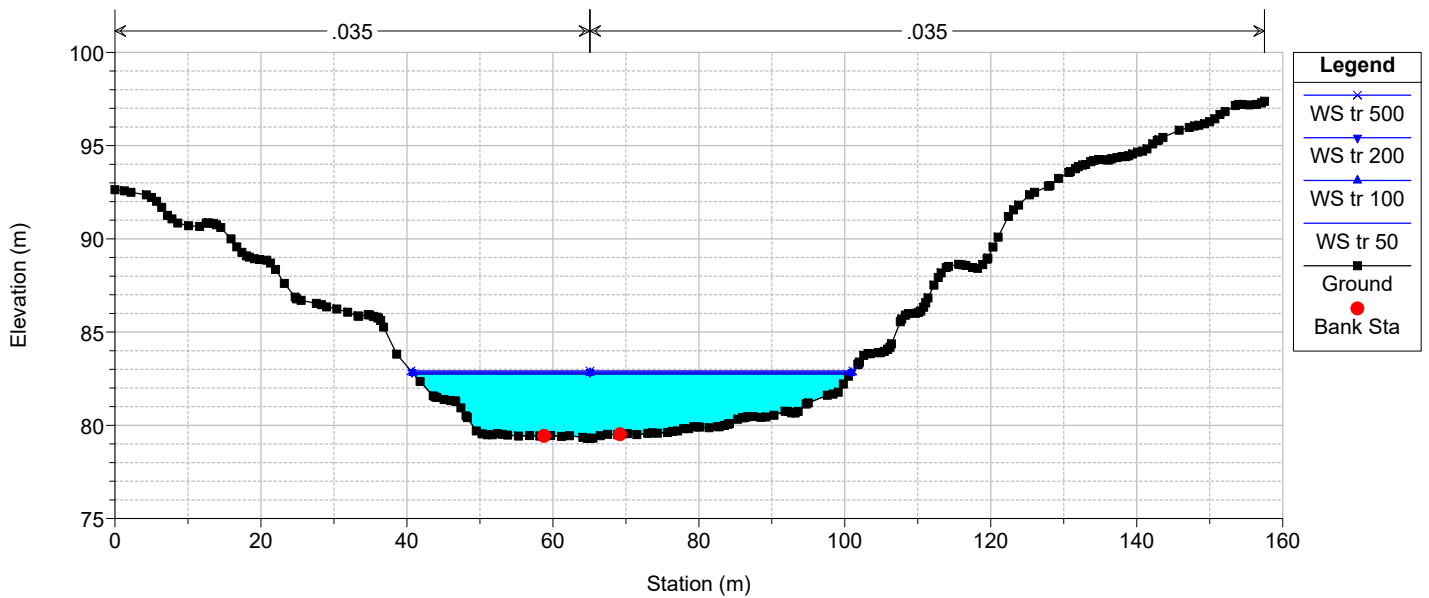
River = Affluente Reach = secondario RS = 276.8785 SEZIONE 118 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

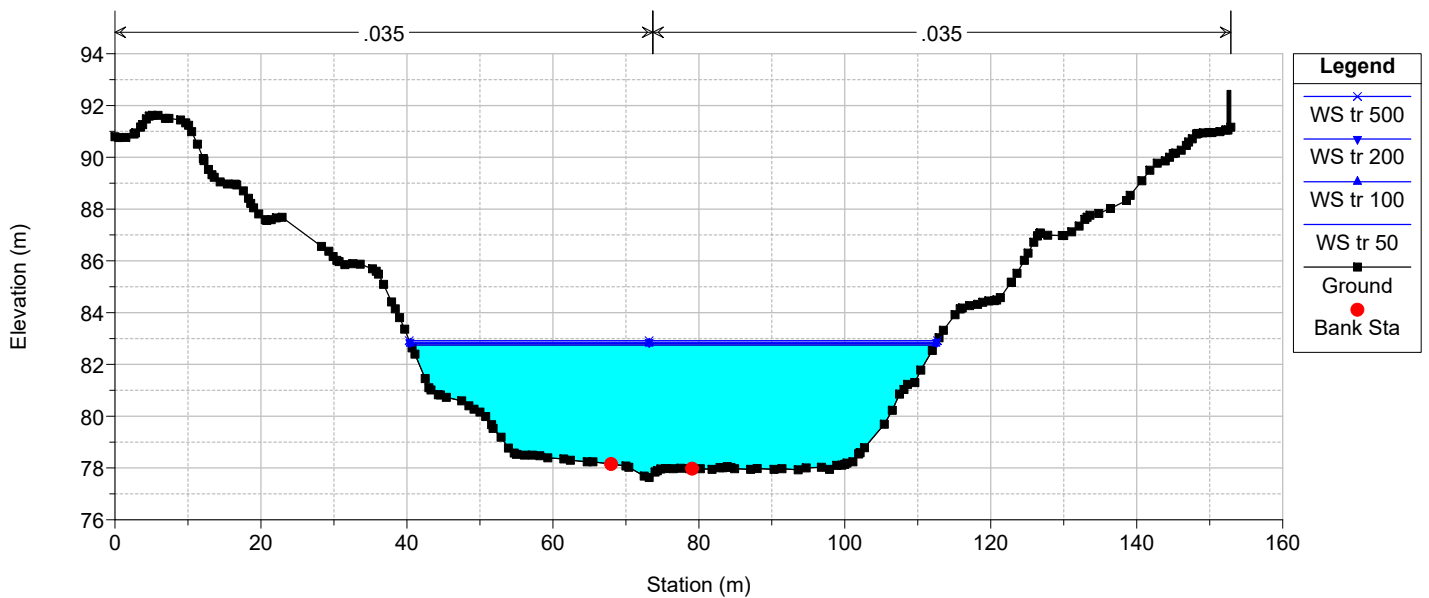
River = Affluente Reach = secondario RS = 230.3771 SEZIONE 117 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

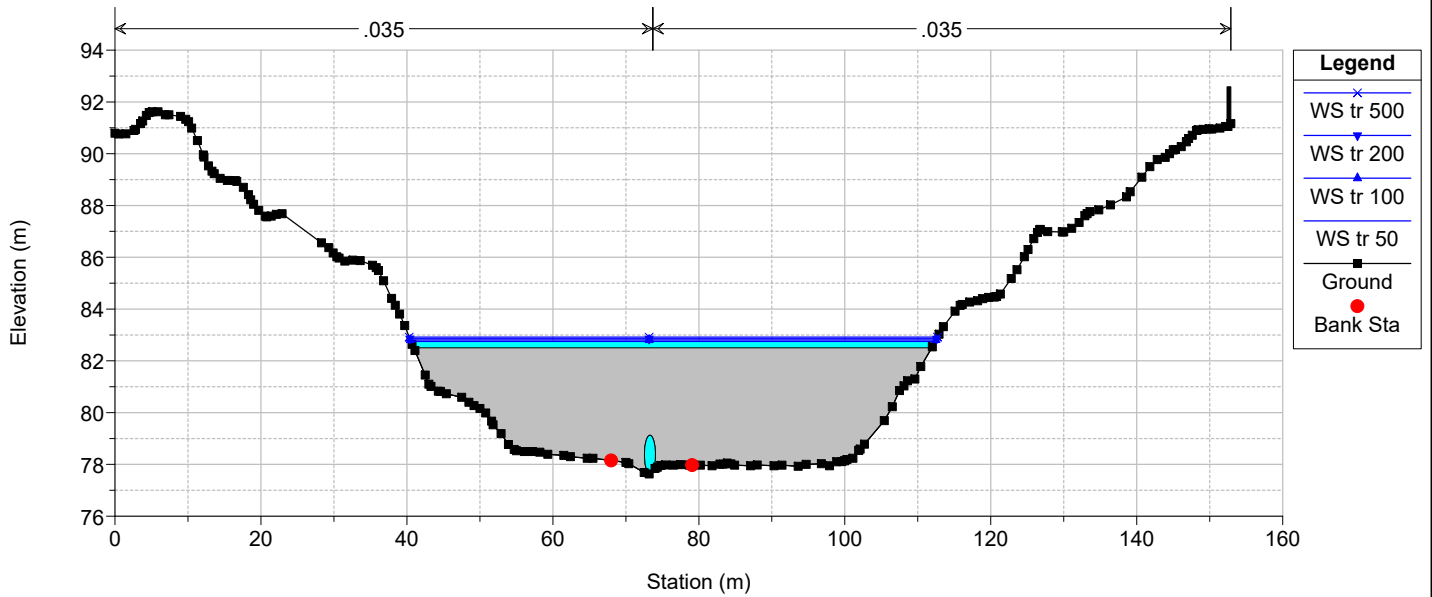
River = Affluente Reach = secondario RS = 188.2626 SEZIONE 116 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

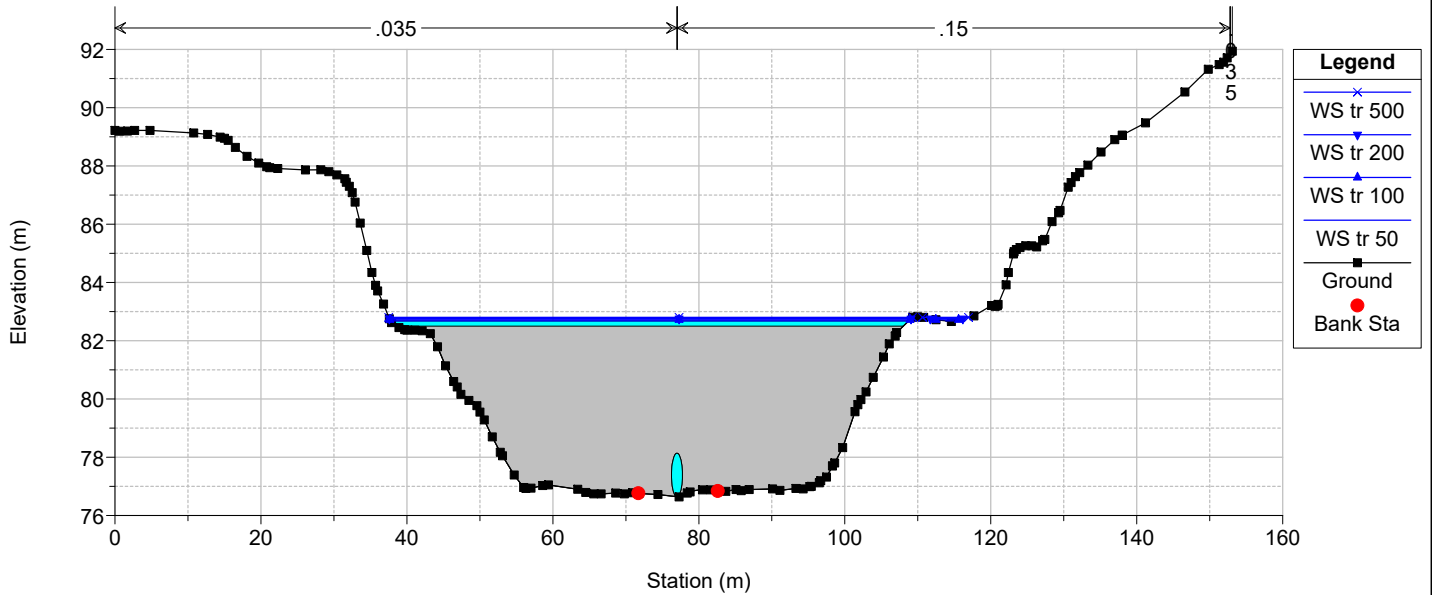
River = Affluente Reach = secondario RS = 168.5969 Culv ATTRAVERSAMENTO 9 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

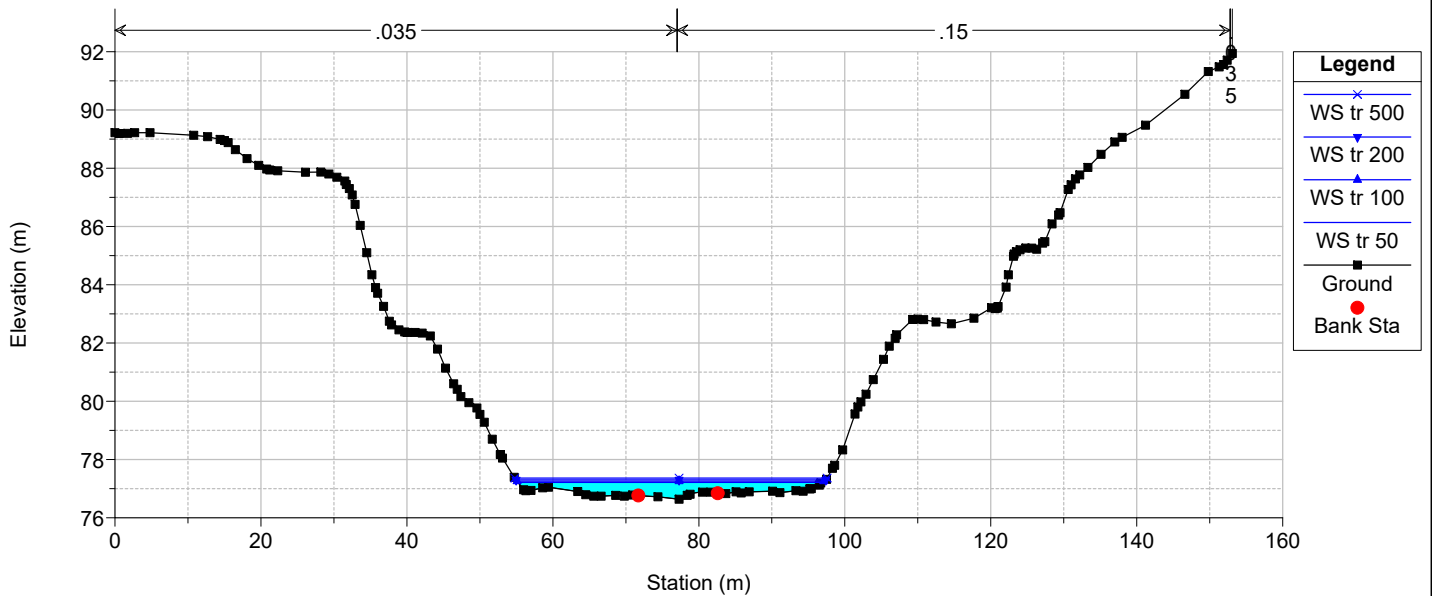
River = Affluente Reach = secondario RS = 168.5969 Culv ATTRAVERSAMENTO 9 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

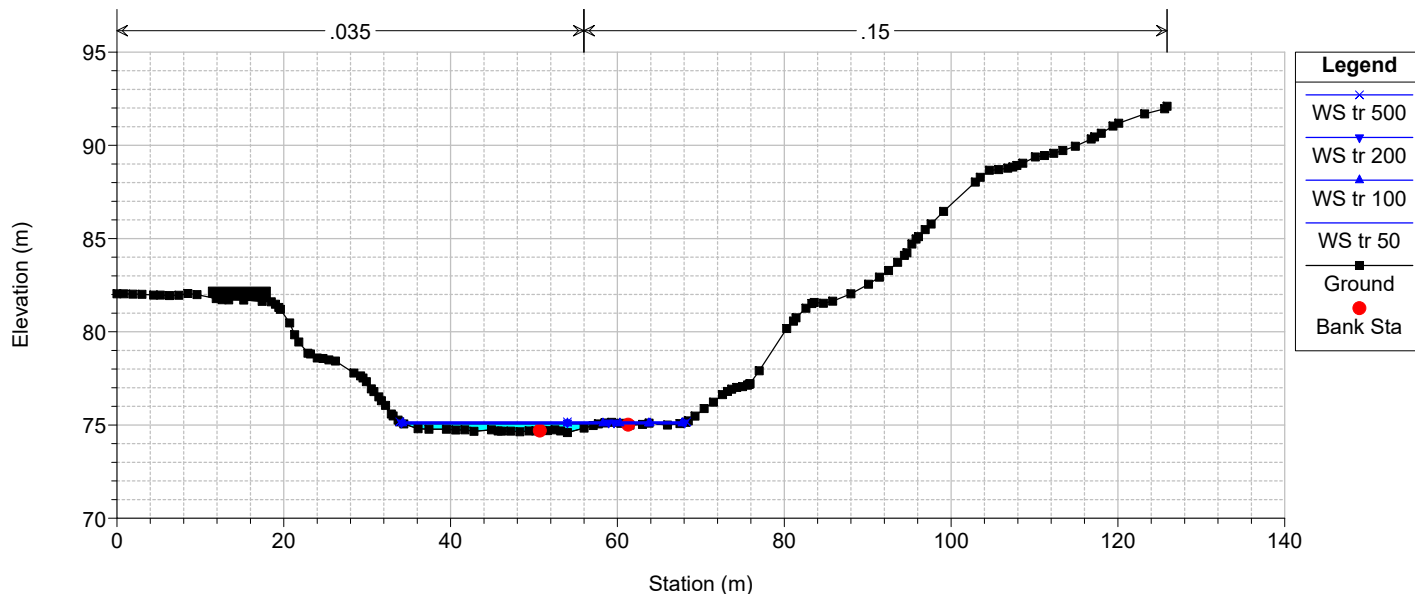
River = Affluente Reach = secondario RS = 150.2536 SEZIONE 115 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

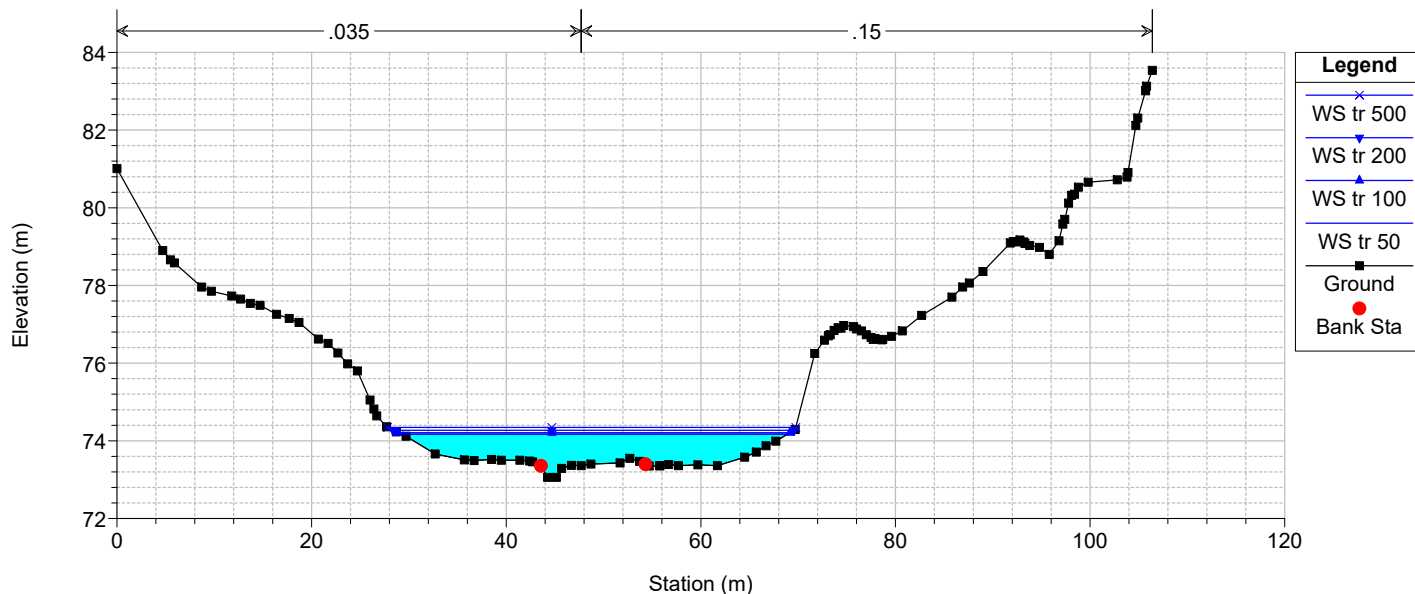
River = Affluente Reach = secondario RS = 99.05065 SEZIONE 114 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

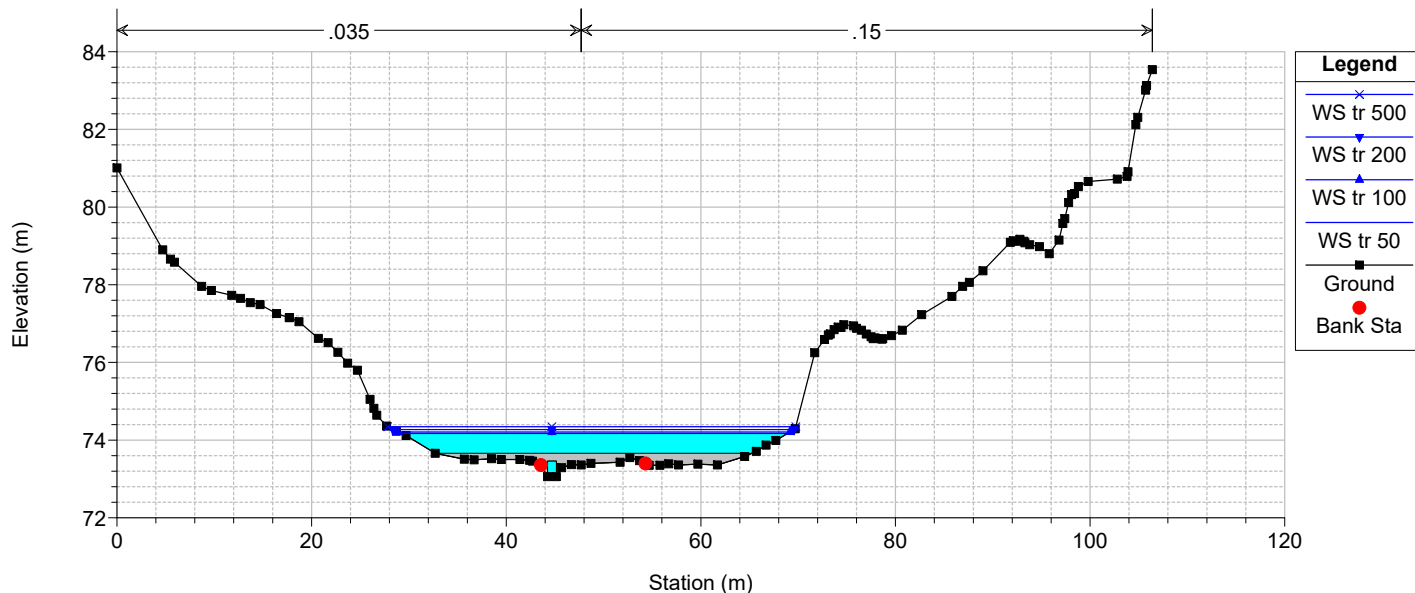
River = Affluente Reach = secondario RS = 46.12467 SEZIONE 113 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

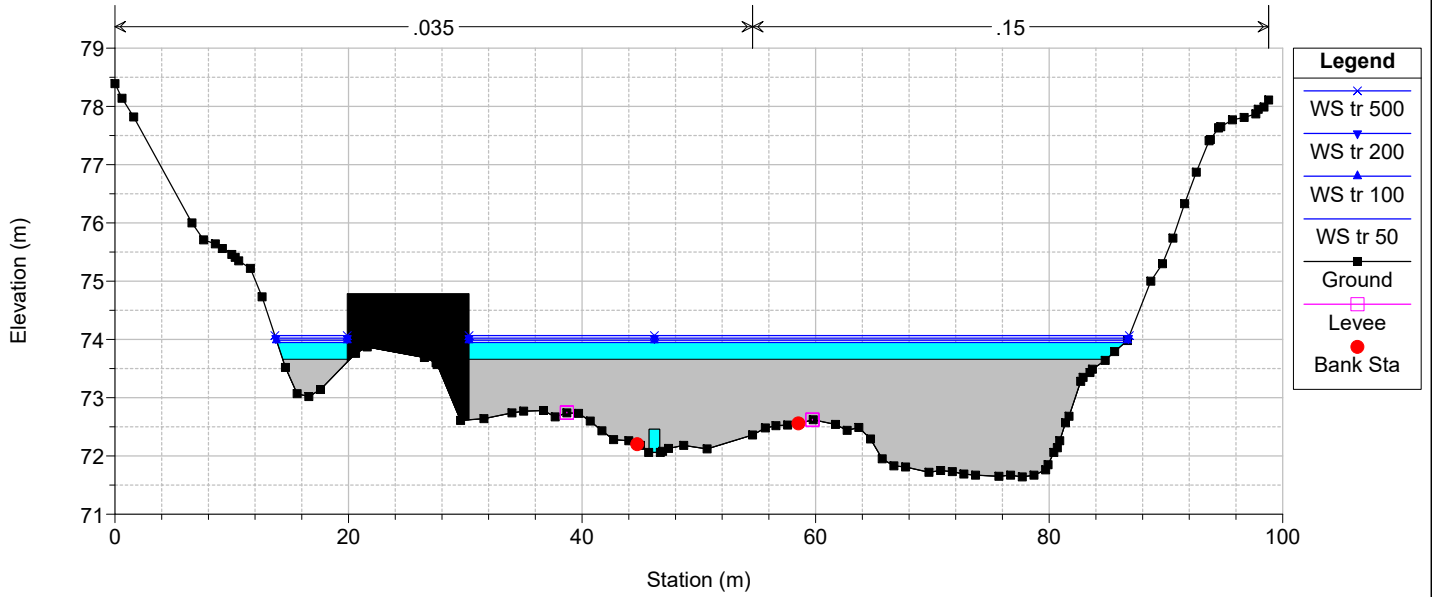
River = Affluente Reach = secondario RS = 37.90296 Culv ATTRAVERSAMENTO 8 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

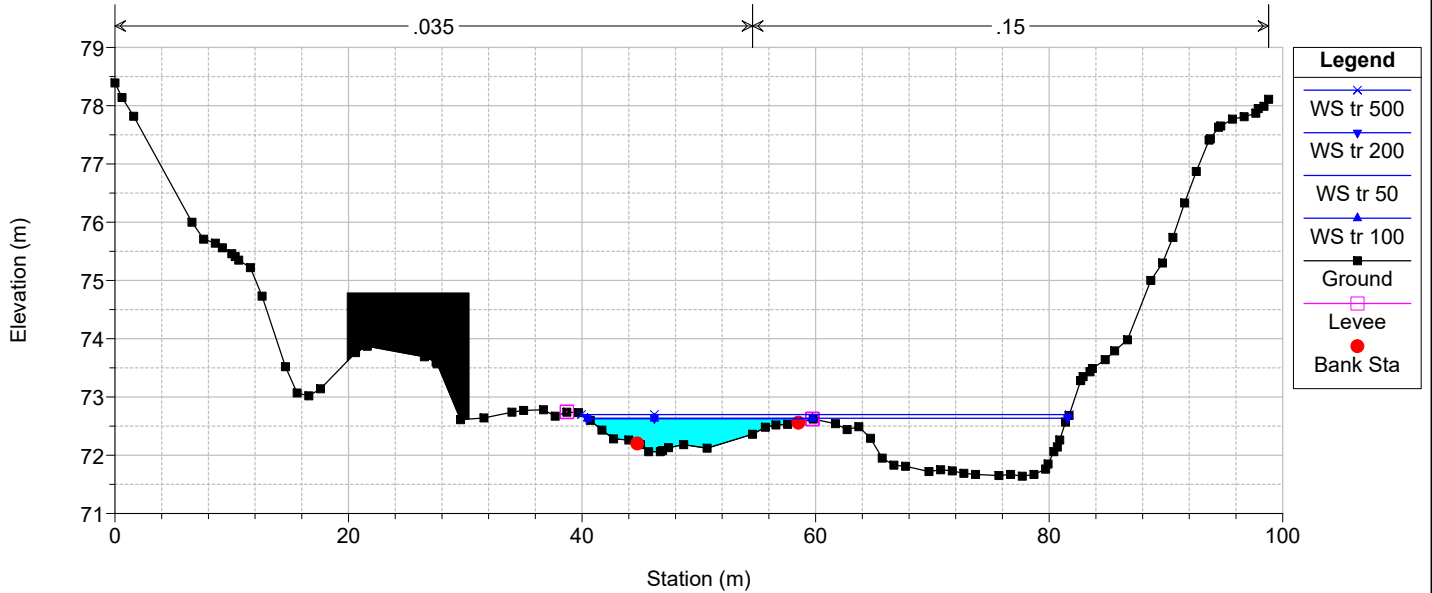
River = Affluente Reach = secondario RS = 37.90296 Culv ATTRAVERSAMENTO 8 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

River = Affluente Reach = secondario RS = 29.71670 SEZIONE 112 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)	
secundario	962.0155	tr 50	22.78	102.43	103.07	103.05	103.19	0.013017	1.78	15.32	54.75	0.89
secundario	962.0155	tr 100	27.11	102.43	103.11	103.09	103.24	0.013022	1.87	17.20	56.02	0.91
secundario	962.0155	tr 200	31.48	102.43	103.13	103.12	103.29	0.013883	2.01	18.58	56.36	0.94
secundario	962.0155	tr 500	37.32	102.43	103.17	103.16	103.34	0.013893	2.12	20.75	56.90	0.96
secundario	900.7291	tr 50	22.78	101.72	102.18	102.18	102.33	0.016817	1.90	13.65	47.25	1.03
secundario	900.7291	tr 100	27.11	101.72	102.22	102.22	102.38	0.016611	2.00	15.31	48.03	1.03
secundario	900.7291	tr 200	31.48	101.72	102.26	102.26	102.43	0.015316	2.04	17.33	49.97	1.00
secundario	900.7291	tr 500	37.32	101.72	102.30	102.30	102.50	0.015095	2.15	19.42	50.59	1.00
secundario	845.2239	tr 50	22.78	100.07	100.68	100.77	101.02	0.036966	2.89	8.78	29.19	1.68
secundario	845.2239	tr 100	27.11	100.07	100.71	100.83	101.10	0.036139	2.98	9.95	30.07	1.66
secundario	845.2239	tr 200	31.48	100.07	100.74	100.87	101.18	0.038098	3.14	10.82	30.70	1.71
secundario	845.2239	tr 500	37.32	100.07	100.79	100.93	101.27	0.036937	3.27	12.25	31.72	1.67
secundario	798.8052	tr 50	22.78	97.77	98.65	98.81	99.19	0.042887	3.67	7.29	22.17	1.89
secundario	798.8052	tr 100	27.11	97.77	98.69	98.88	99.28	0.043212	3.81	8.28	23.24	1.89
secundario	798.8052	tr 200	31.48	97.77	98.74	98.94	99.35	0.041298	3.88	9.39	24.90	1.83
secundario	798.8052	tr 500	37.32	97.77	98.79	99.00	99.46	0.041531	4.07	10.63	26.33	1.82
secundario	727.1973	tr 50	22.78	95.07	95.59	95.73	96.07	0.044448	3.43	7.97	26.83	1.67
secundario	727.1973	tr 100	27.11	95.07	95.63	95.78	96.15	0.044221	3.61	8.95	27.21	1.69
secundario	727.1973	tr 200	31.48	95.07	95.66	95.83	96.25	0.046109	3.84	9.75	27.51	1.74
secundario	727.1973	tr 500	37.32	95.07	95.70	95.90	96.36	0.045976	4.04	10.90	27.89	1.76
secundario	639.1551	tr 50	22.78	90.57	91.00	91.16	91.53	0.059690	3.28	7.09	23.70	1.95
secundario	639.1551	tr 100	27.11	90.57	91.04	91.21	91.63	0.059442	3.49	7.94	23.89	1.95
secundario	639.1551	tr 200	31.48	90.57	91.07	91.27	91.72	0.056928	3.64	8.86	24.10	1.93
secundario	639.1551	tr 500	37.32	90.57	91.12	91.34	91.85	0.056569	3.87	9.89	24.36	1.94
secundario	556.6049	tr 50	22.78	88.43	89.12	89.13	89.31	0.014180	2.25	12.19	32.62	1.02
secundario	556.6049	tr 100	27.11	88.43	89.16	89.17	89.38	0.014440	2.38	13.61	33.06	1.03
secundario	556.6049	tr 200	31.48	88.43	89.20	89.21	89.44	0.014938	2.51	14.87	33.45	1.06
secundario	556.6049	tr 500	37.32	88.43	89.25	89.27	89.52	0.015311	2.67	16.50	33.95	1.08
secundario	477.0603	tr 50	22.78	86.46	87.92	87.59	87.95	0.001787	0.84	28.17	50.57	0.34
secundario	477.0603	tr 100	27.11	86.46	87.97	87.63	88.01	0.001923	0.92	30.75	51.23	0.35
secundario	477.0603	tr 200	31.48	86.46	88.02	87.67	88.07	0.001990	0.98	33.44	51.72	0.36
secundario	477.0603	tr 500	37.32	86.46	88.08	87.71	88.13	0.002103	1.06	36.61	52.33	0.38
secundario	462.2563		Culvert									
secundario	444.3849	tr 50	22.78	85.46	86.06	86.06	86.25	0.010912	2.30	12.34	30.28	1.03
secundario	444.3849	tr 100	27.11	85.46	86.11	86.11	86.33	0.010544	2.43	14.10	32.37	1.03
secundario	444.3849	tr 200	31.48	85.46	86.17	86.17	86.40	0.009943	2.51	15.88	33.06	1.02
secundario	444.3849	tr 500	37.32	85.46	86.22	86.22	86.48	0.010376	2.70	17.53	34.18	1.05
secundario	383.4324	tr 50	22.78	83.45	83.82	84.02	84.60	0.130729	4.21	5.94	27.69	2.65
secundario	383.4324	tr 100	27.11	83.45	83.84	84.07	84.72	0.127983	4.44	6.67	27.93	2.66
secundario	383.4324	tr 200	31.48	83.45	83.87	84.12	84.84	0.127767	4.68	7.34	28.10	2.69
secundario	383.4324	tr 500	37.32	83.45	83.91	84.18	84.93	0.112880	4.77	8.50	28.37	2.58
secundario	325.0933	tr 50	22.78	80.86	83.06	82.72	83.10	0.001650	1.12	25.36	37.37	0.33
secundario	325.0933	tr 100	27.11	80.86	83.12	82.77	83.17	0.001772	1.20	27.80	37.96	0.34
secundario	325.0933	tr 200	31.48	80.86	83.19	82.82	83.25	0.001835	1.26	30.34	38.56	0.35
secundario	325.0933	tr 500	37.32	80.86	83.26	82.87	83.33	0.001977	1.36	33.15	39.35	0.37
secundario	307.2128		Culvert									
secundario	276.8785	tr 50	22.78	80.20	82.75		82.76	0.000036	0.46	84.55	48.14	0.10
secundario	276.8785	tr 100	27.11	80.20	82.80		82.81	0.000047	0.53	87.05	48.38	0.11
secundario	276.8785	tr 200	31.48	80.20	82.85		82.86	0.000059	0.60	89.45	48.71	0.12
secundario	276.8785	tr 500	37.32	80.20	82.91		82.92	0.000075	0.69	92.36	49.11	0.14
secundario	230.3771	tr 50	22.78	79.29	82.75		82.75	0.000008	0.18	152.15	59.83	0.03
secundario	230.3771	tr 100	27.11	79.29	82.80		82.81	0.000011	0.21	155.29	60.06	0.04
secundario	230.3771	tr 200	31.48	79.29	82.85		82.86	0.000013	0.24	158.30	60.27	0.04
secundario	230.3771	tr 500	37.32	79.29	82.92		82.92	0.000018	0.28	161.95	60.53	0.05
secundario	188.2626	tr 50	22.78	77.63	82.75		82.75	0.000001	0.10	276.29	71.85	0.01
secundario	188.2626	tr 100	27.11	77.63	82.81		82.81	0.000002	0.11	280.08	72.02	0.02
secundario	188.2626	tr 200	31.48	77.63	82.86		82.86	0.000002	0.13	283.70	72.18	0.02
secundario	188.2626	tr 500	37.32	77.63	82.92		82.92	0.000003	0.15	288.08	72.37	0.02
secundario	168.5969		Culvert									
secundario	150.2536	tr 50	22.78	76.64	77.21	77.21	77.40	0.024998	1.81	14.68	41.60	0.86
secundario	150.2536	tr 100	27.11	76.64	77.26	77.26	77.47	0.024169	1.88	16.61	42.02	0.85
secundario	150.2536	tr 200	31.48	76.64	77.30	77.30	77.54	0.023151	1.93	18.56	42.45	0.84

HEC-RAS Plan: 10022021 River: Affluente Reach: secundario (Continued)

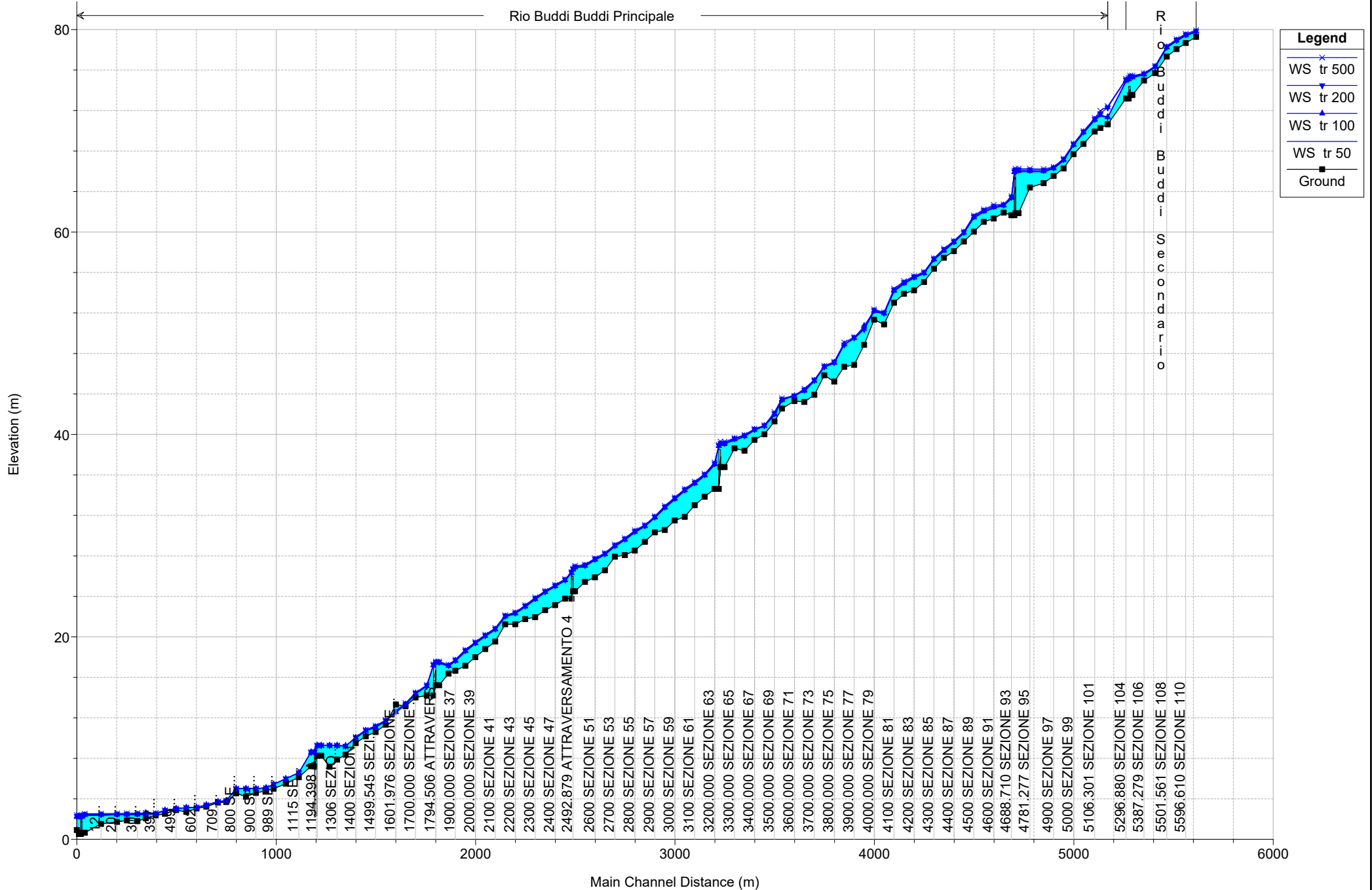
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
secundario	150.2536	tr 500	37.32	76.64	77.36	77.36	77.62	0.022309	2.01	20.97	42.80	0.83
secundario	99.05065	tr 50	22.78	74.59	75.06	75.21	75.54	0.053706	3.03	7.53	28.38	1.82
secundario	99.05065	tr 100	27.11	74.59	75.09	75.26	75.64	0.054048	3.14	8.61	31.31	1.90
secundario	99.05065	tr 200	31.48	74.59	75.13	75.31	75.73	0.055188	3.23	9.64	33.34	1.98
secundario	99.05065	tr 500	37.32	74.59	75.17	75.37	75.84	0.056055	3.30	11.02	34.39	1.94
secundario	46.12467	tr 50	22.78	73.06	74.17	73.85	74.24	0.004809	1.03	25.93	39.67	0.37
secundario	46.12467	tr 100	27.11	73.06	74.21	73.90	74.29	0.005754	1.15	27.45	40.27	0.40
secundario	46.12467	tr 200	31.48	73.06	74.27	73.95	74.37	0.005934	1.22	30.03	41.21	0.41
secundario	46.12467	tr 500	37.32	73.06	74.35	74.02	74.45	0.006218	1.30	33.08	41.95	0.42
secundario	37.90296		Culvert									
secundario	29.71670	tr 50	22.78	72.06	72.63	72.63	72.76	0.019366	2.13	20.97	41.09	1.13
secundario	29.71670	tr 100	27.11	72.06	72.63	72.63	72.82	0.027424	2.54	20.97	41.09	1.34
secundario	29.71670	tr 200	31.48	72.06	72.64	72.64	72.88	0.035582	2.91	21.22	41.16	1.52
secundario	29.71670	tr 500	37.32	72.06	72.70	72.70	72.97	0.034099	3.03	23.77	41.78	1.47

RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

Rio Buddi Buddi Principale

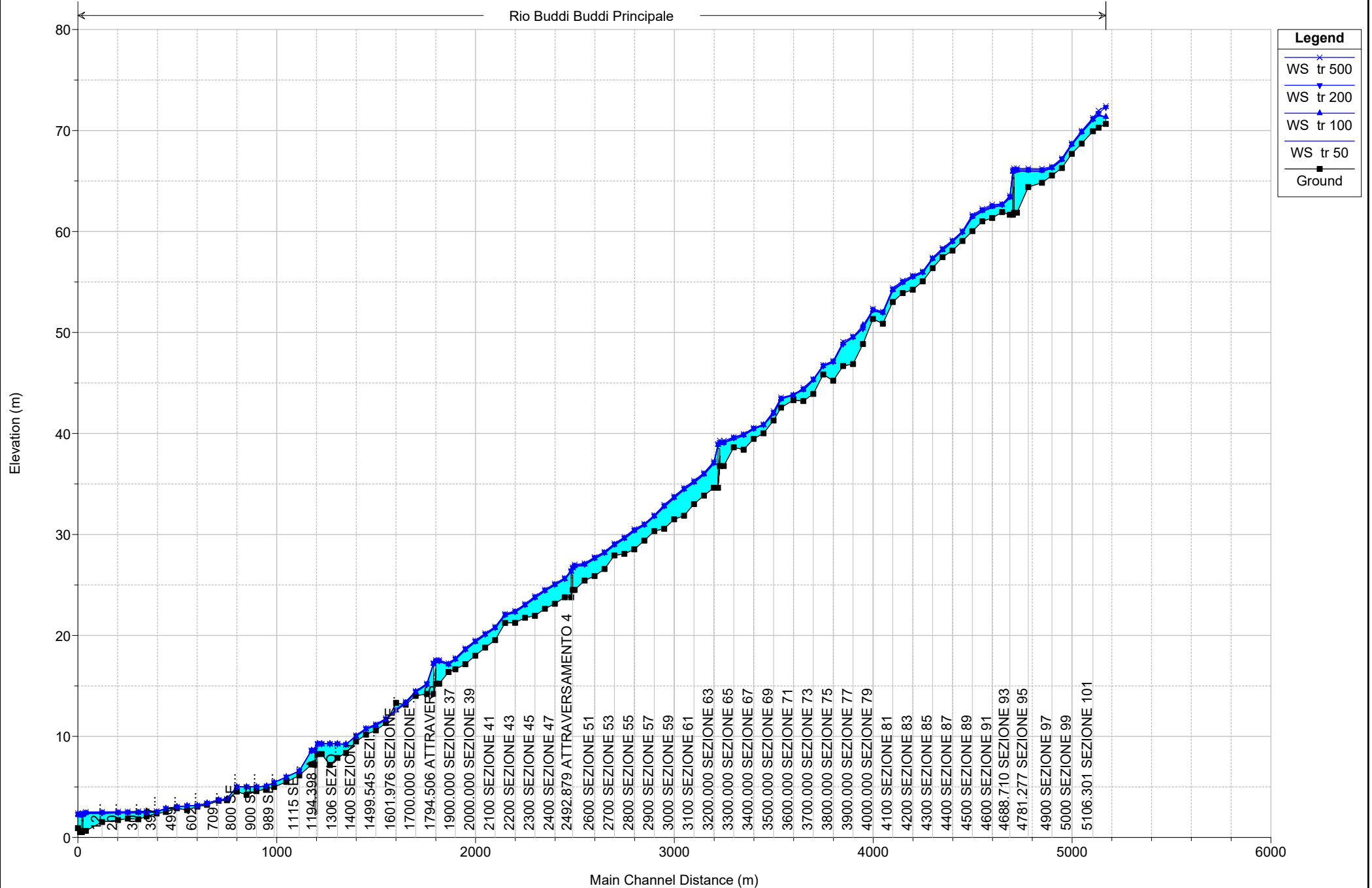
Rio Buddi Buddi Secondario



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

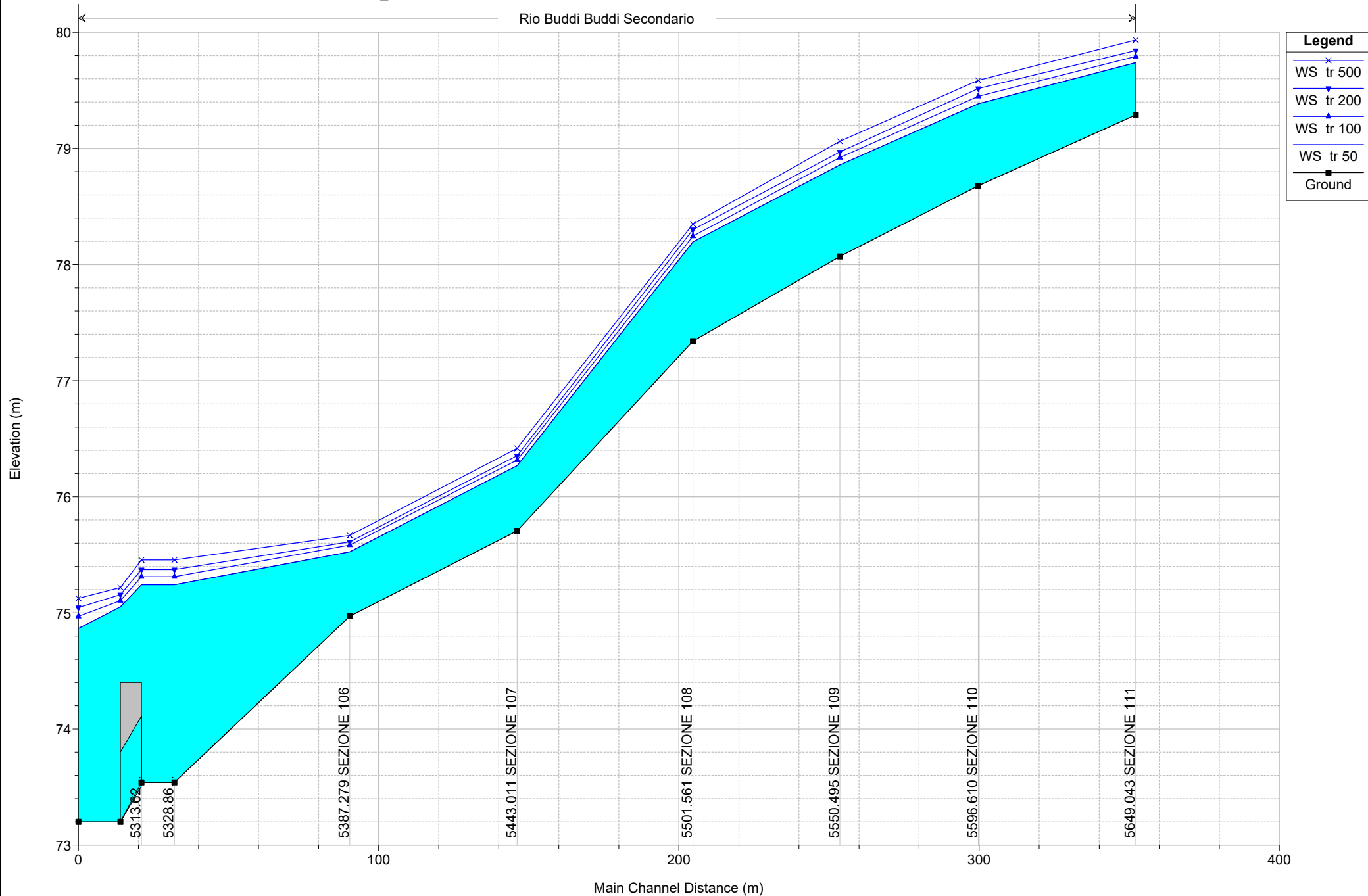
Rio Buddi Buddi Principale



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

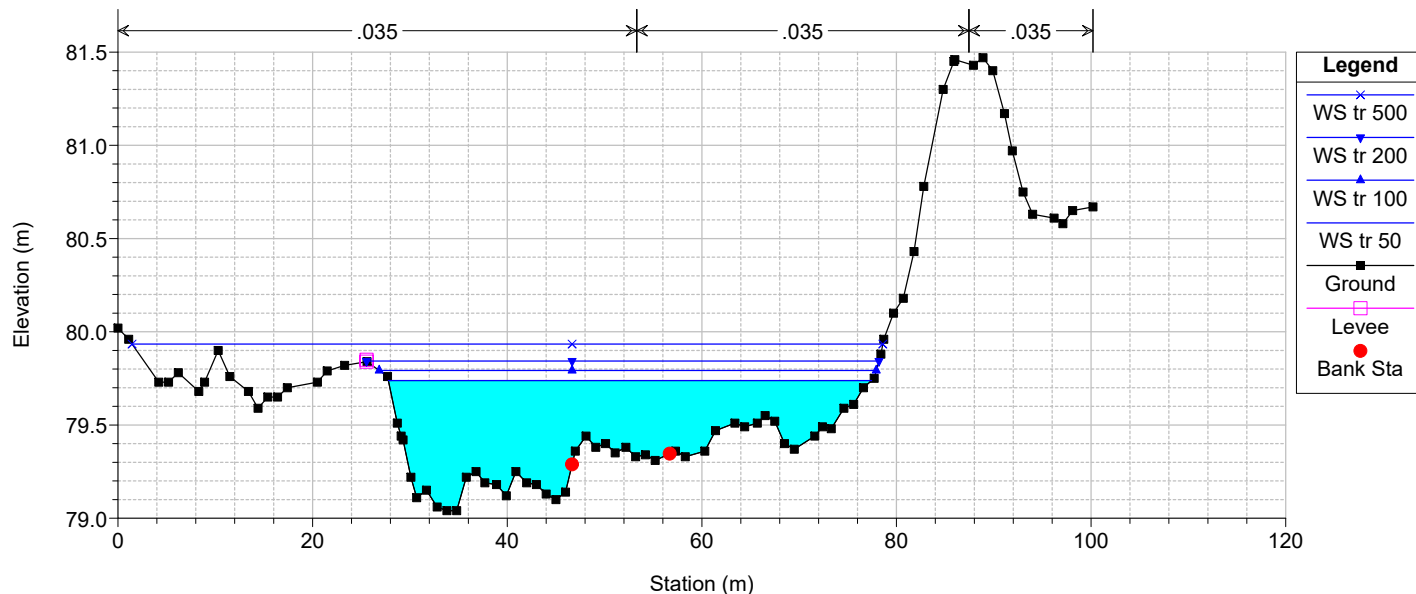
Rio Buddi Buddi Secondario



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

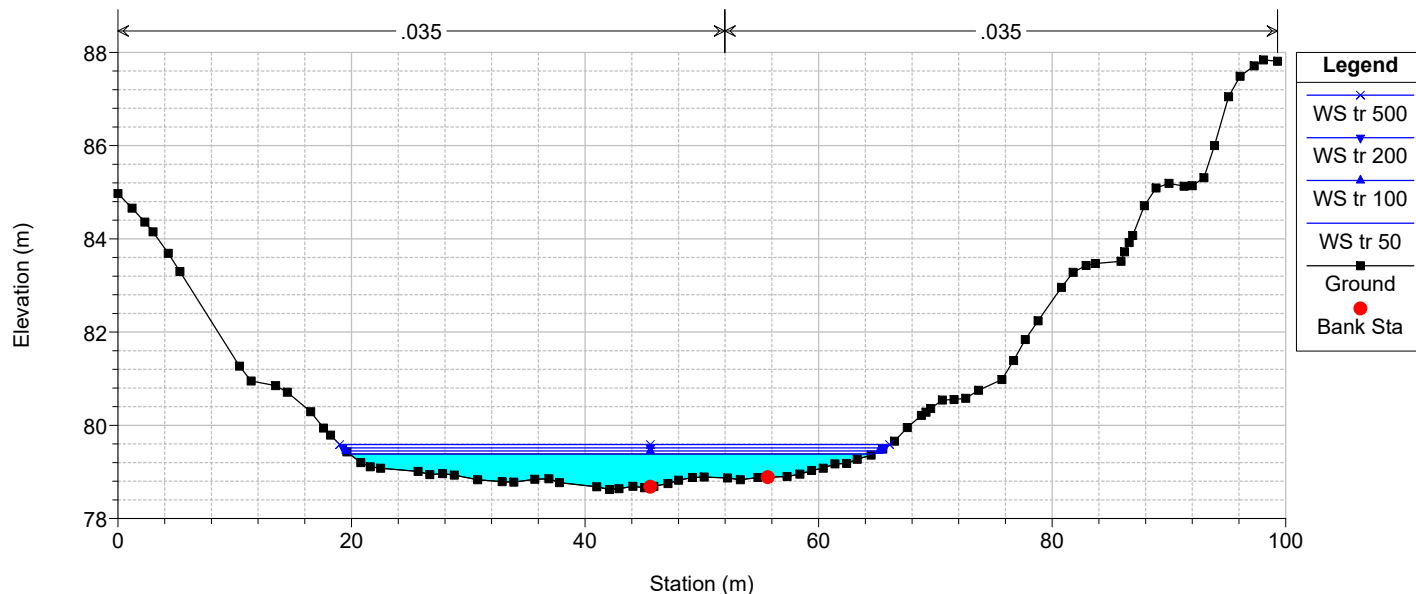
River = Rio Buddi Buddi Reach = Secondario RS = 5649.043 SEZIONE 111 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

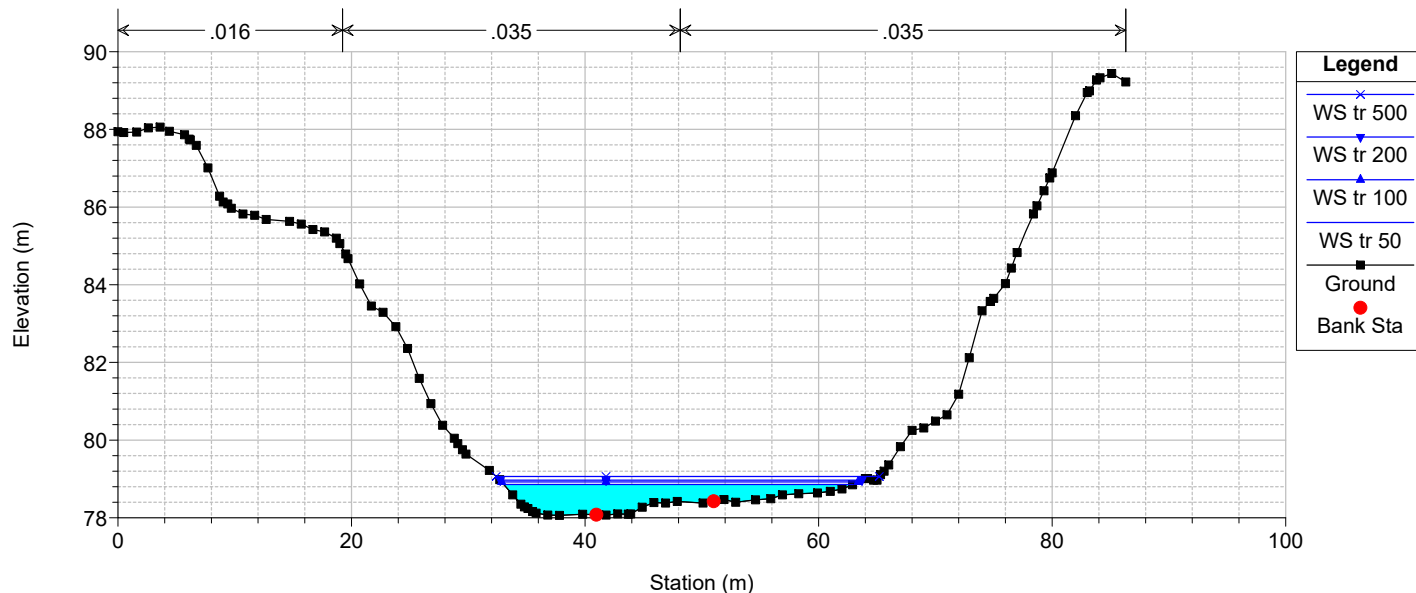
River = Rio Buddi Buddi Reach = Secondario RS = 5596.610 SEZIONE 110 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

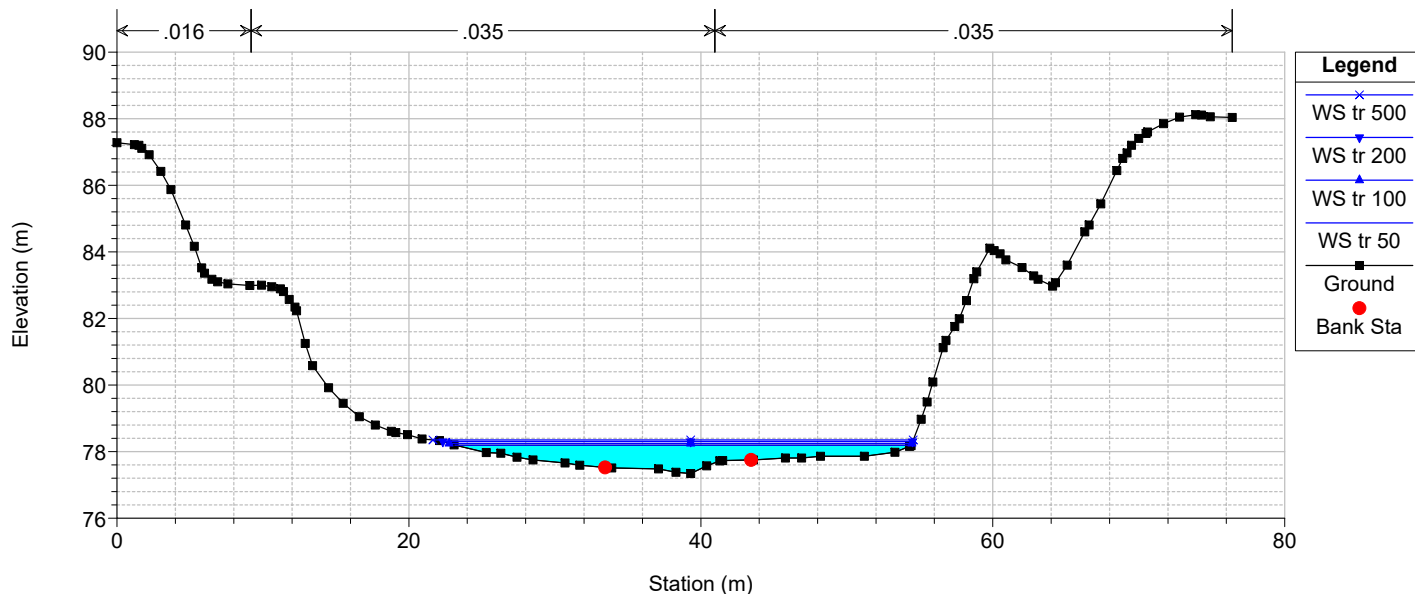
River = Rio Buddi Buddi Reach = Secondario RS = 5550.495 SEZIONE 109 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

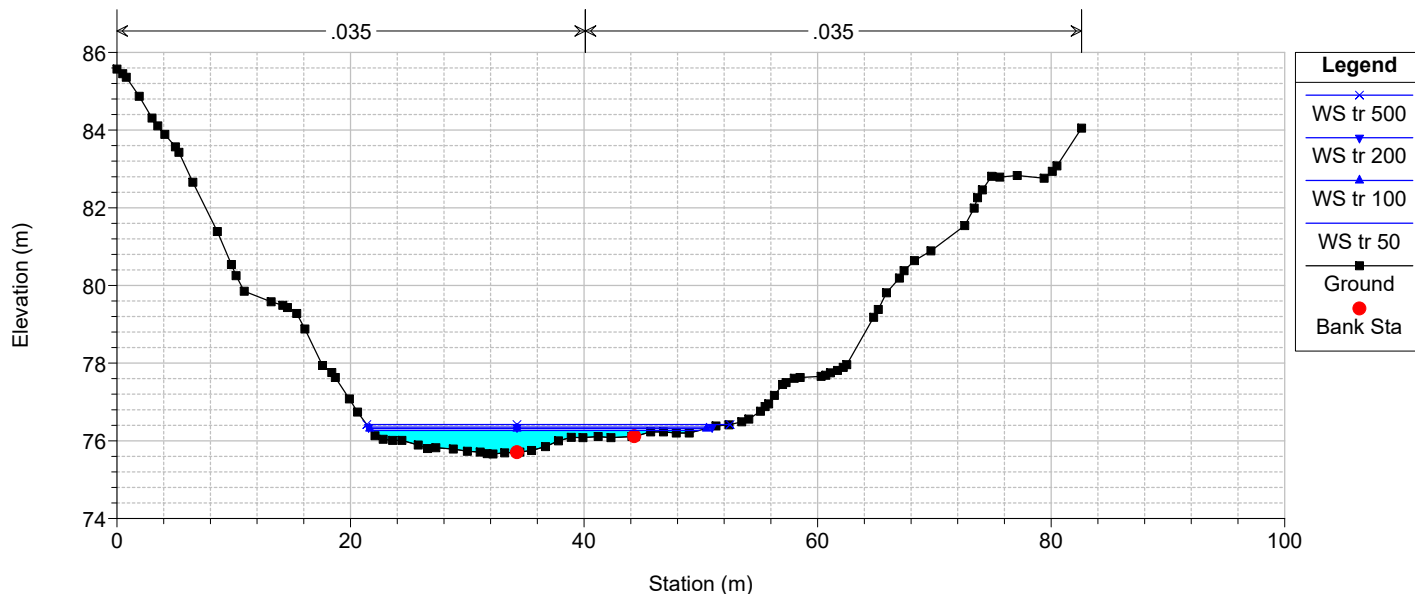
River = Rio Buddi Buddi Reach = Secondario RS = 5501.561 SEZIONE 108 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

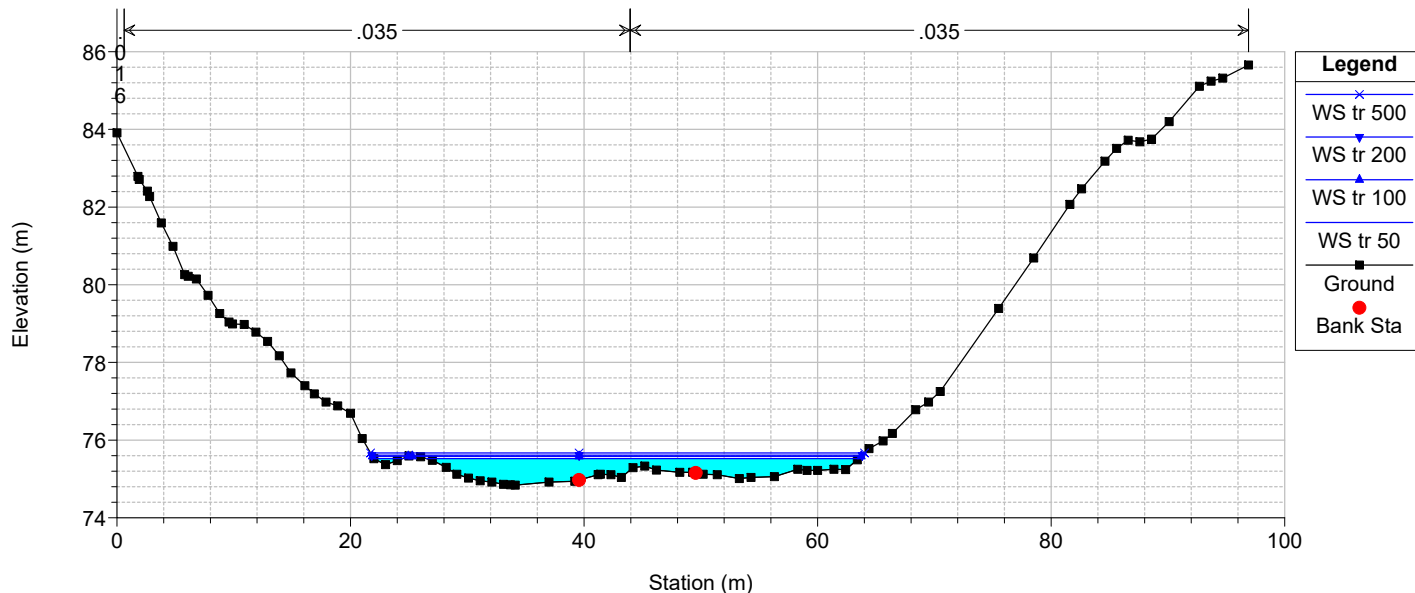
River = Rio Buddi Buddi Reach = Secondario RS = 5443.011 SEZIONE 107 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

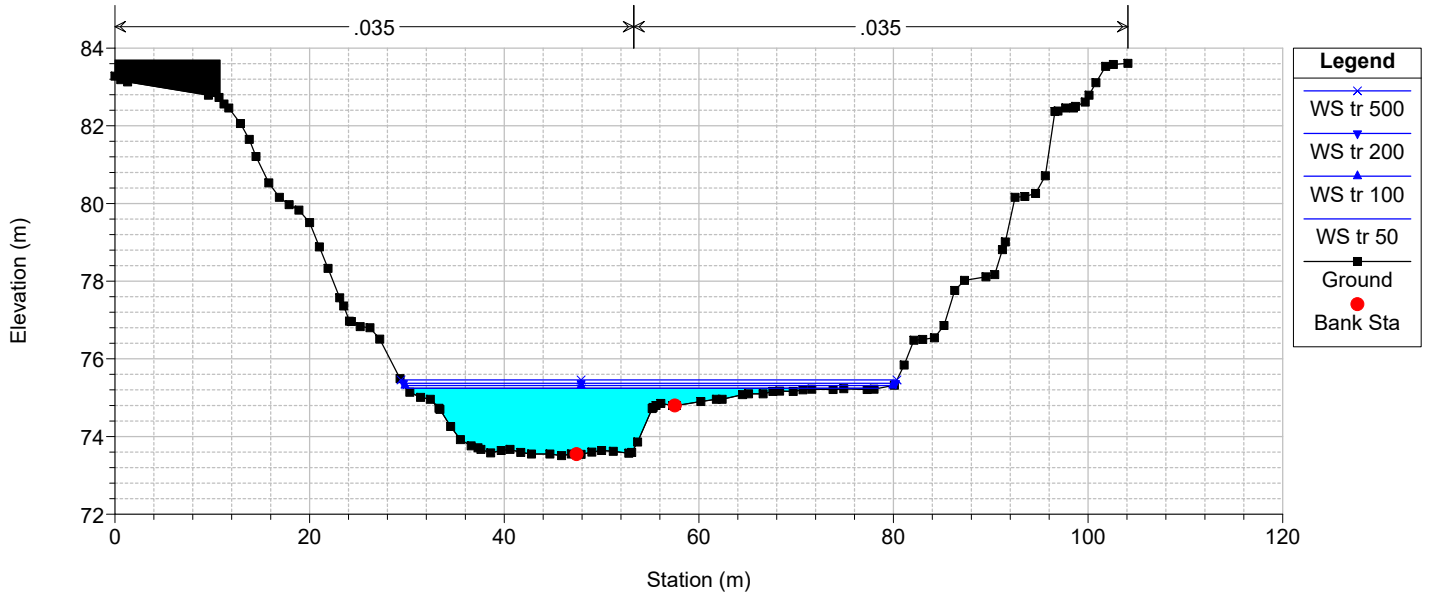
River = Rio Buddi Buddi Reach = Secondario RS = 5387.279 SEZIONE 106 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

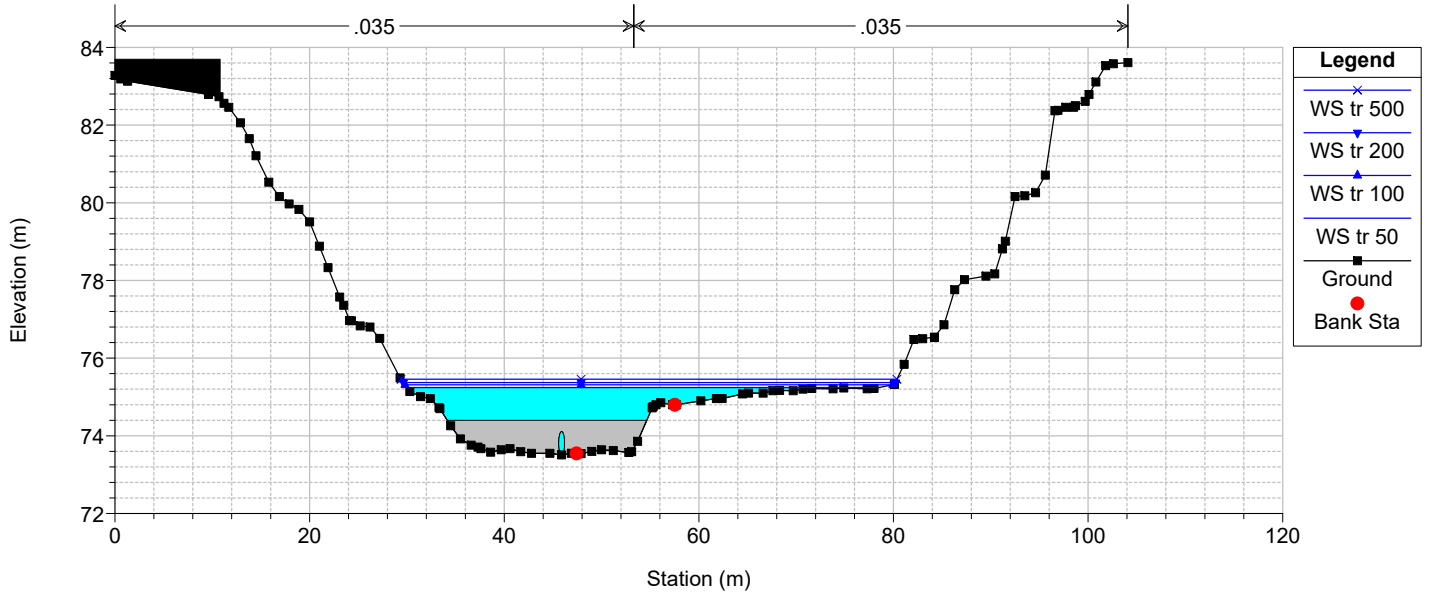
River = Rio Buddi Buddi Reach = Secondario RS = 5328.864 SEZIONE 105 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

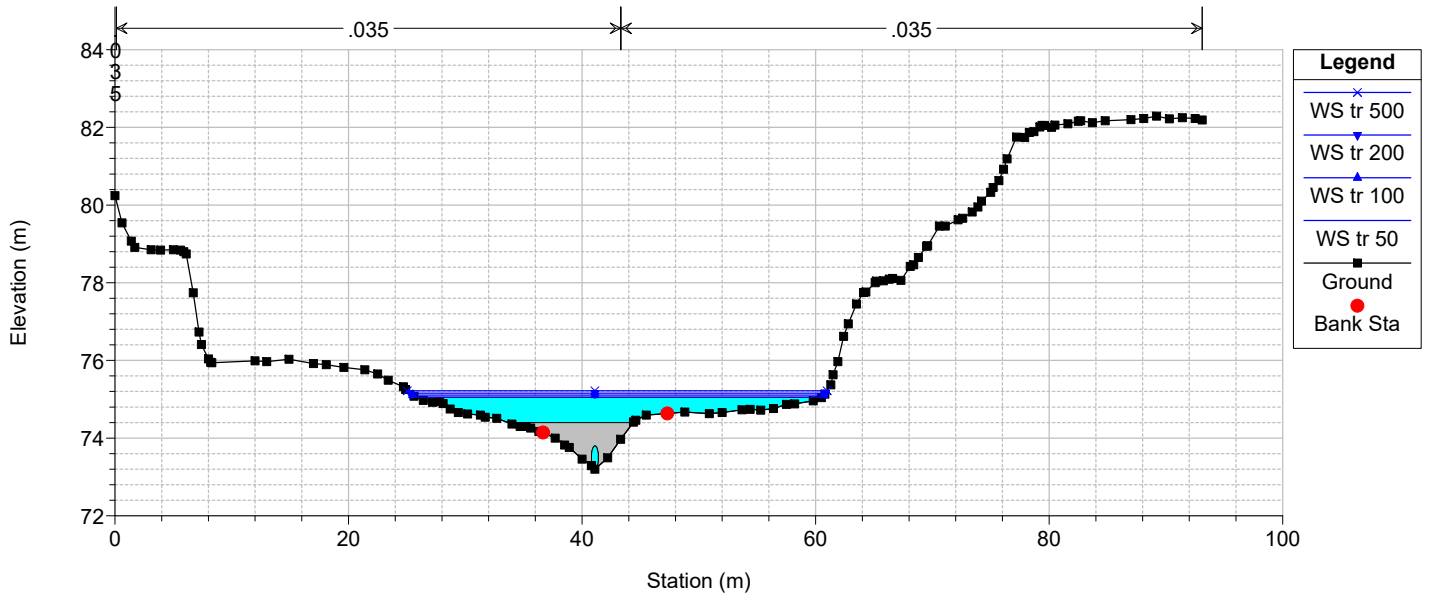
River = Rio Buddi Buddi Reach = Secondario RS = 5313.628 Culv ATTRAVERSAMENTO 7 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

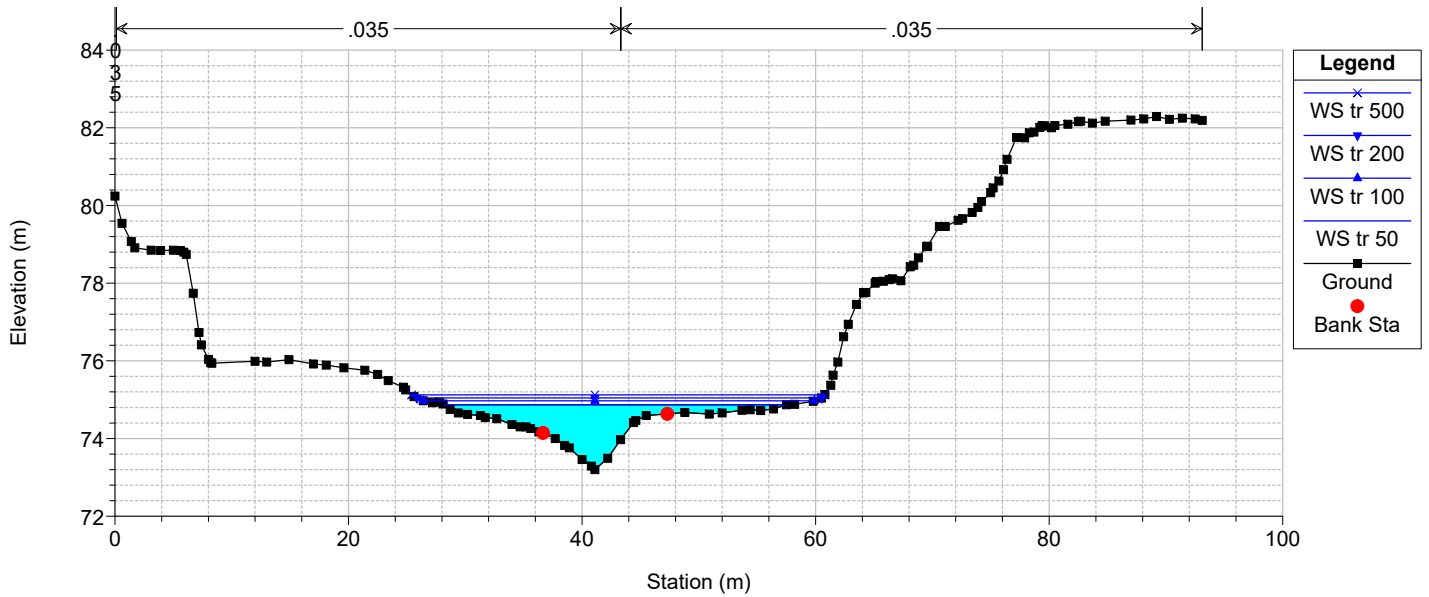
River = Rio Buddi Buddi Reach = Secondario RS = 5313.628 Culv ATTRAVERSAMENTO 7 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

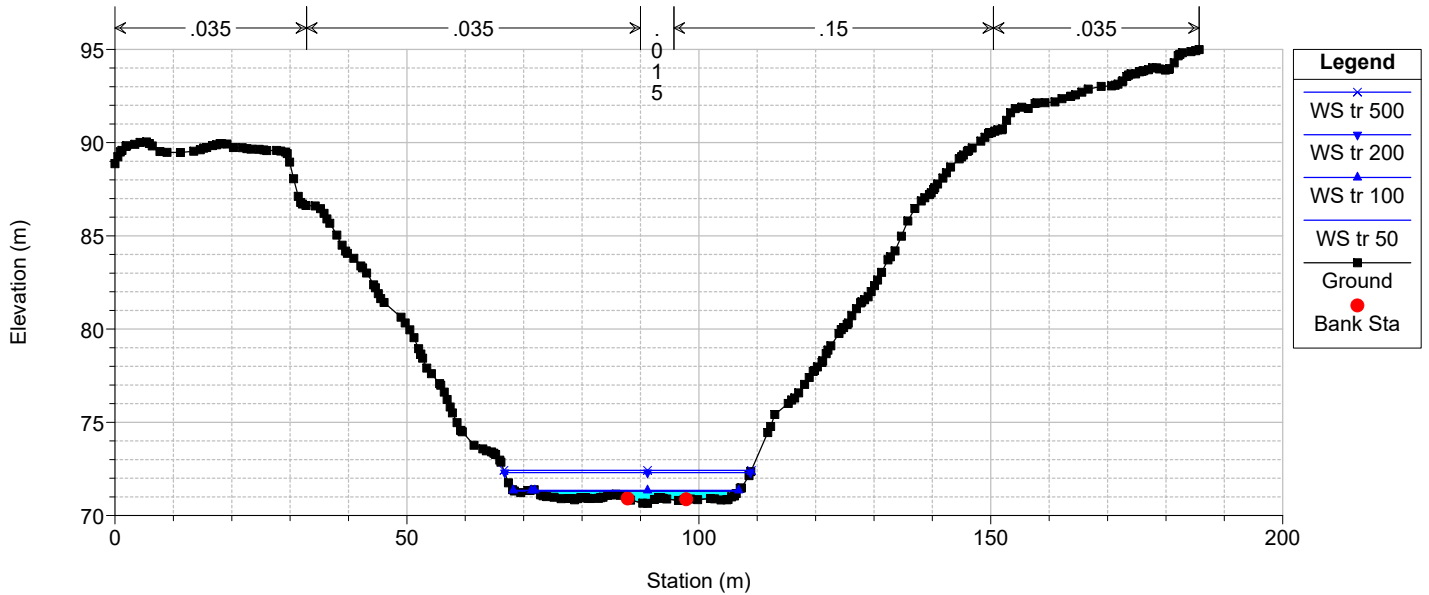
River = Rio Buddi Buddi Reach = Secondario RS = 5296.880 SEZIONE 104 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

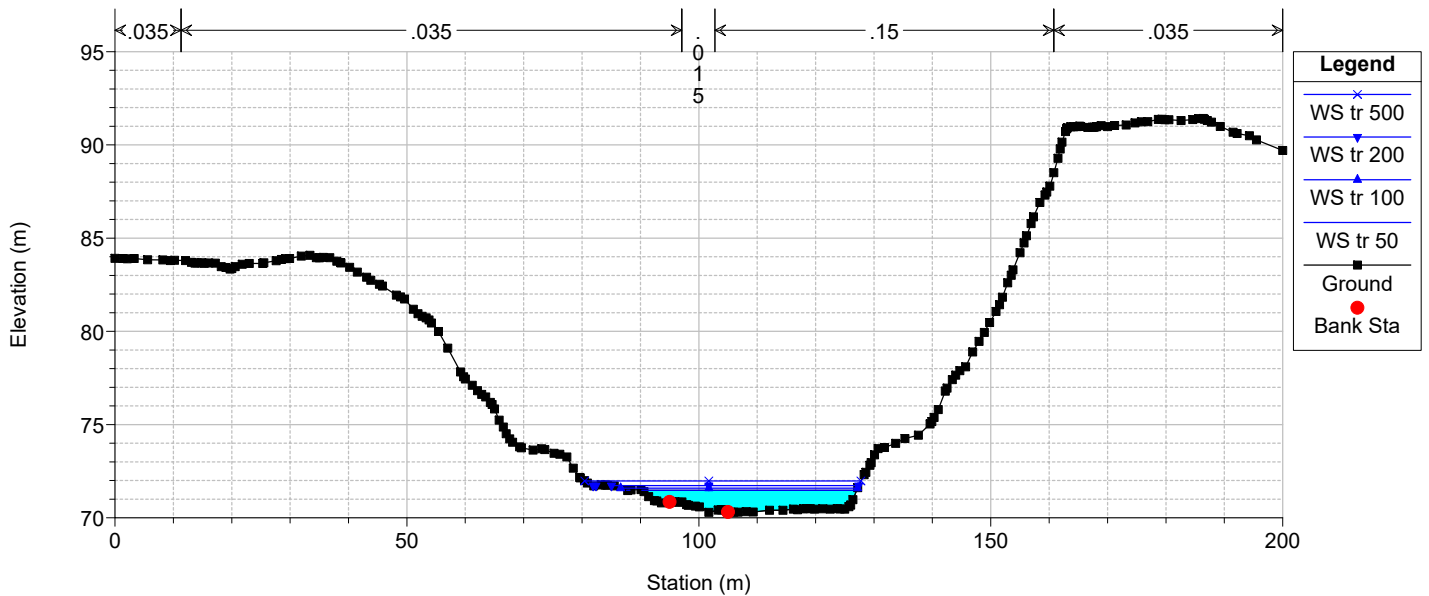
River = Rio Buddi Buddi Reach = Principale RS = 5171.313 SEZIONE 103 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

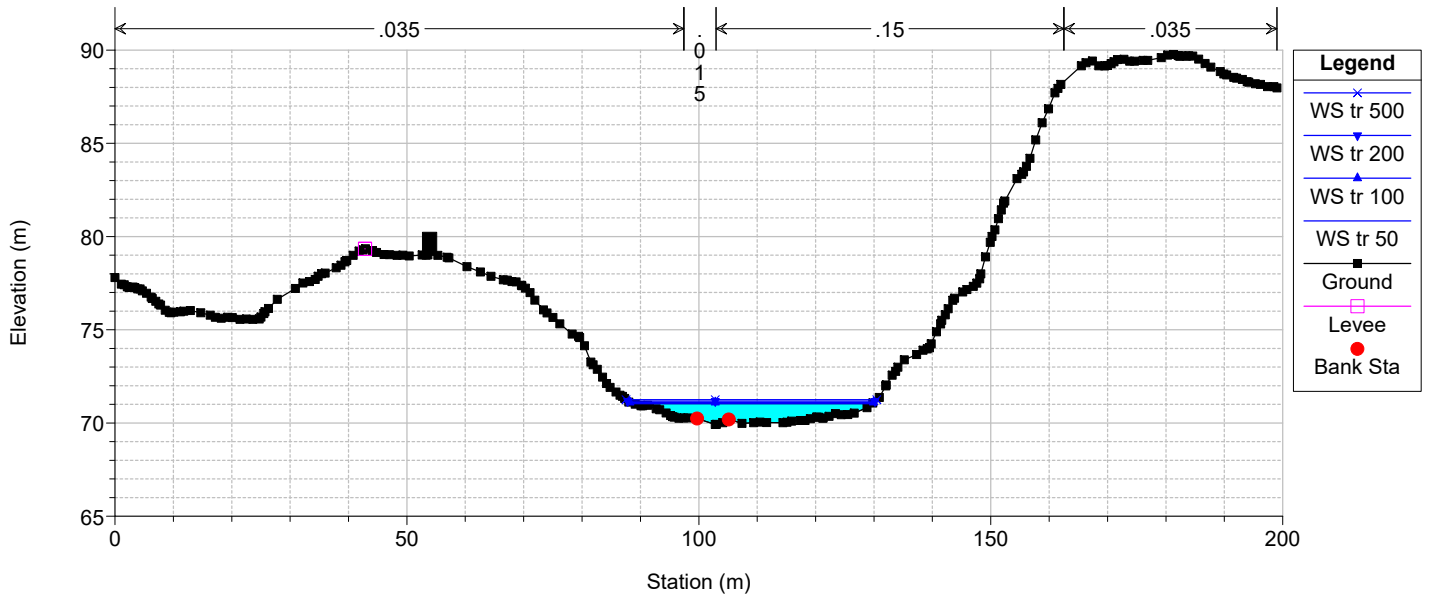
River = Rio Buddi Buddi Reach = Principale RS = 5134.999 SEZIONE 102 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

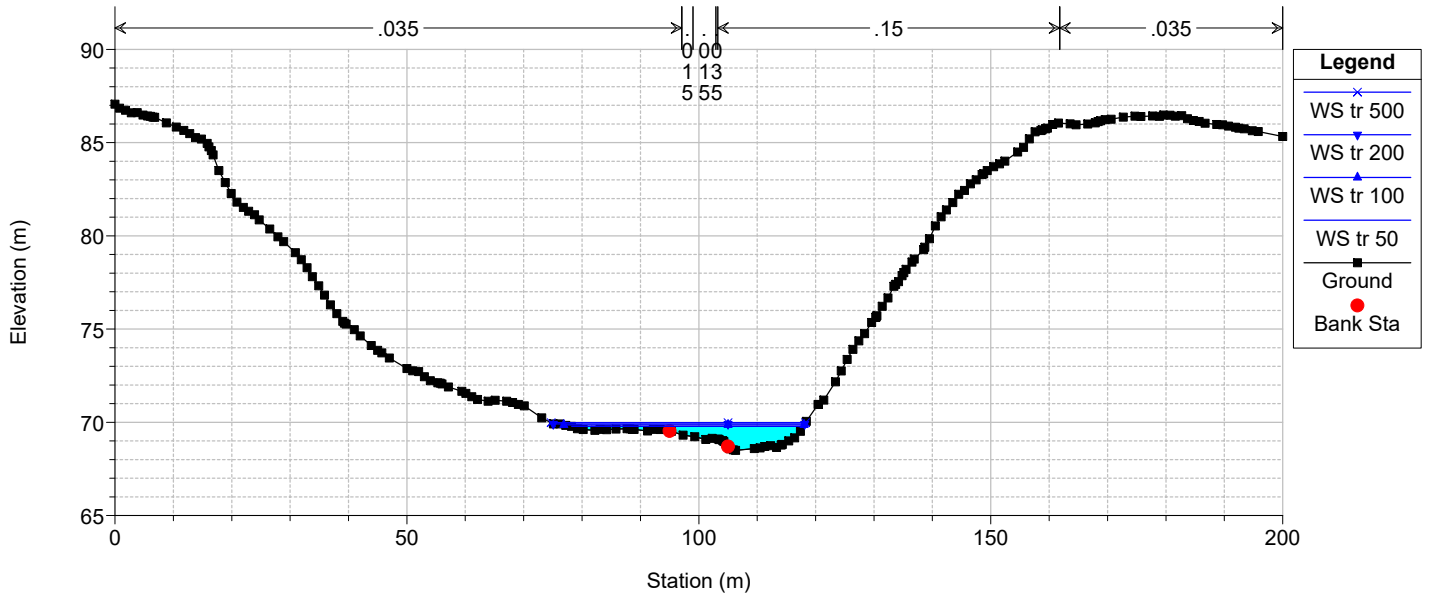
River = Rio Buddi Buddi Reach = Principale RS = 5106.301 SEZIONE 101 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

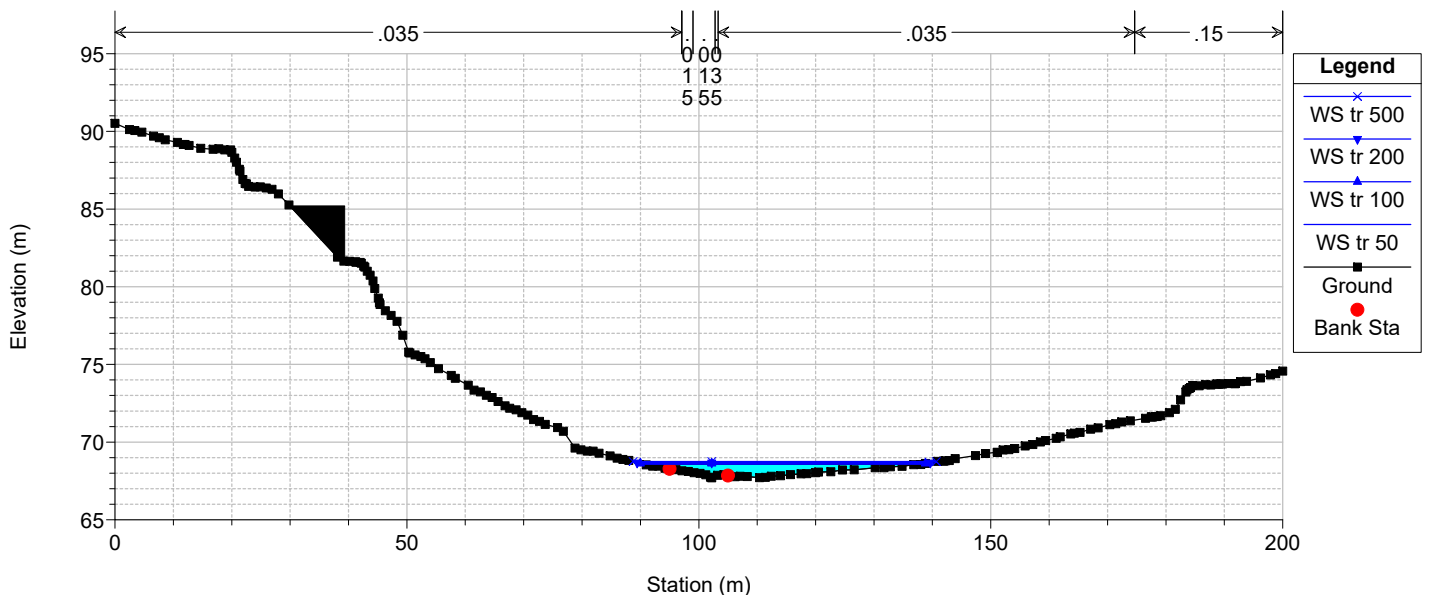
River = Rio Buddi Buddi Reach = Principale RS = 5050 SEZIONE 100 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

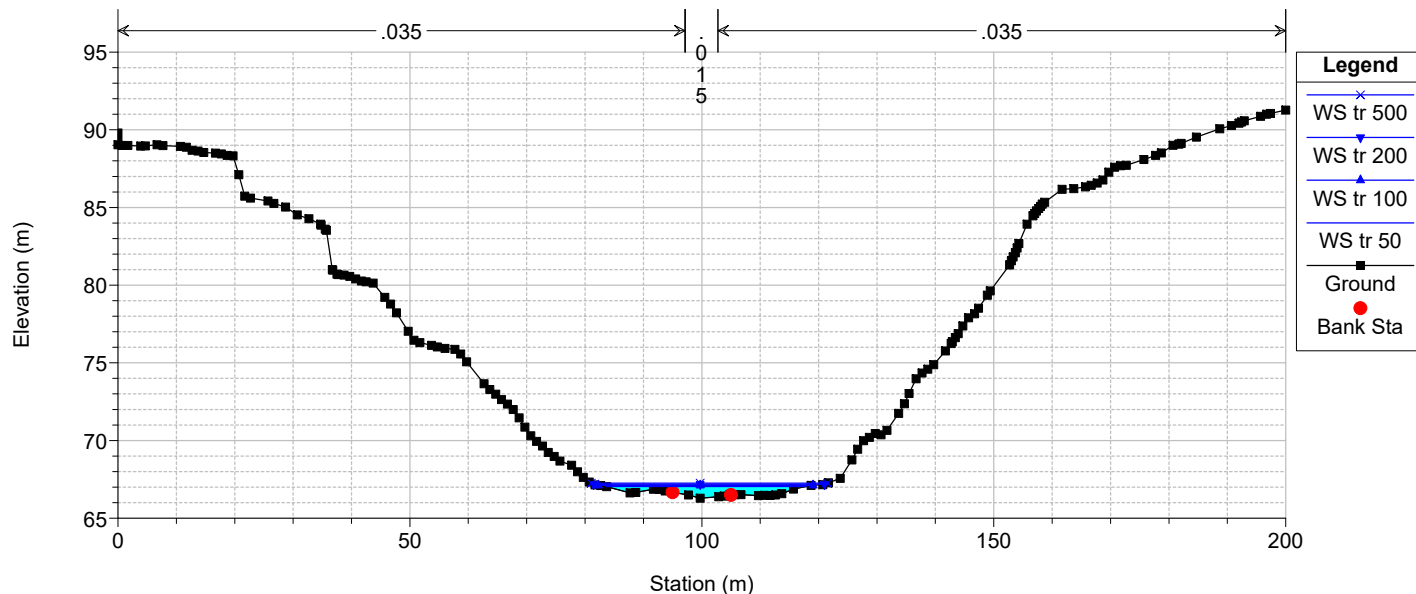
River = Rio Buddi Buddi Reach = Principale RS = 5000 SEZIONE 99 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

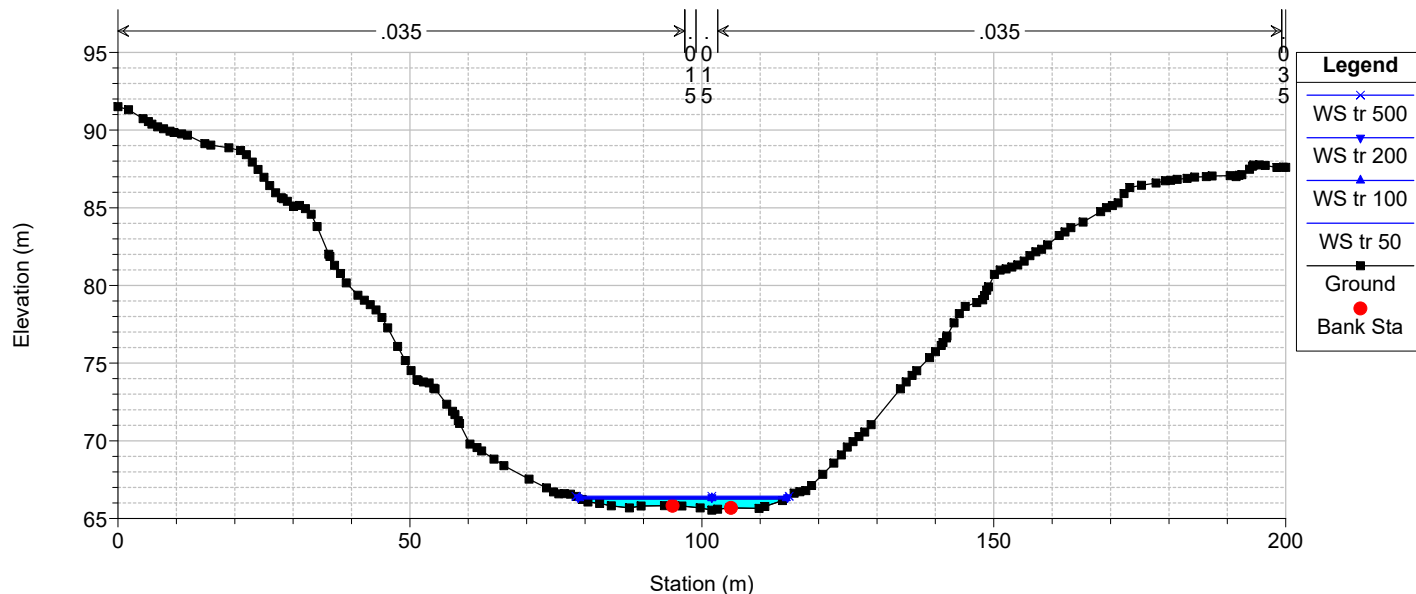
River = Rio Buddi Buddi Reach = Principale RS = 4950 SEZIONE 98 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

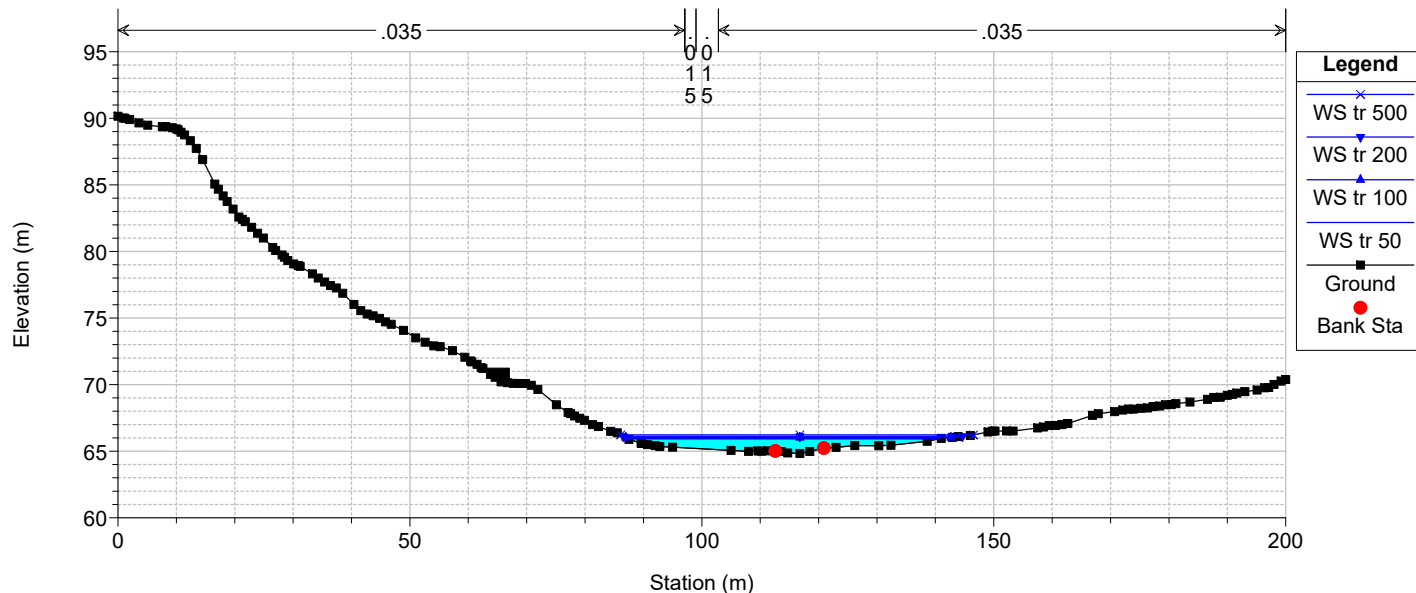
River = Rio Buddi Buddi Reach = Principale RS = 4900 SEZIONE 97 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

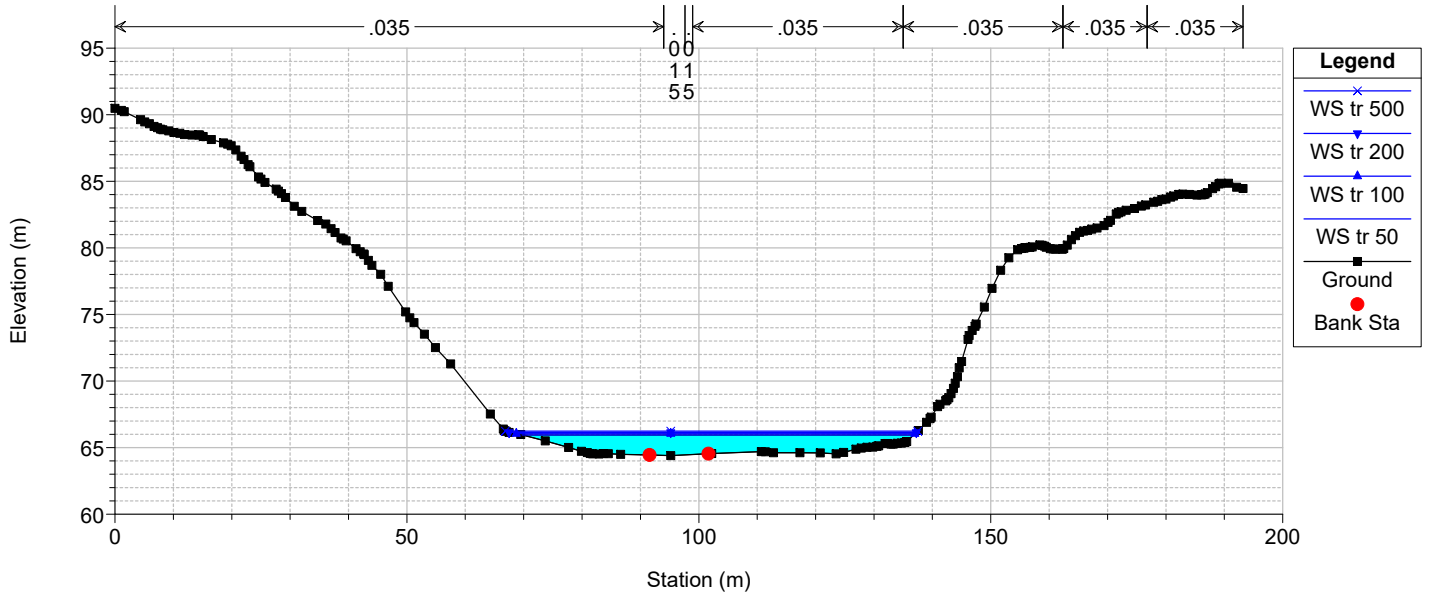
River = Rio Buddi Buddi Reach = Principale RS = 4850 SEZIONE 96 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

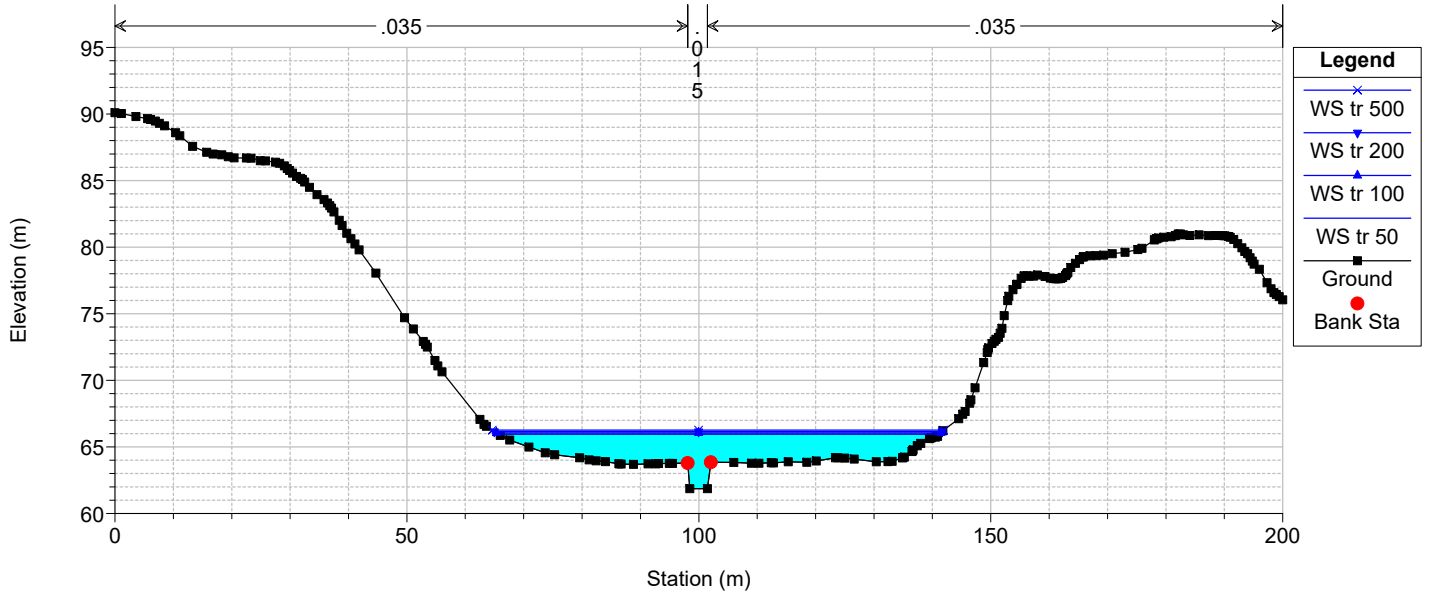
River = Rio Buddi Buddi Reach = Principale RS = 4781.277 SEZIONE 95 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

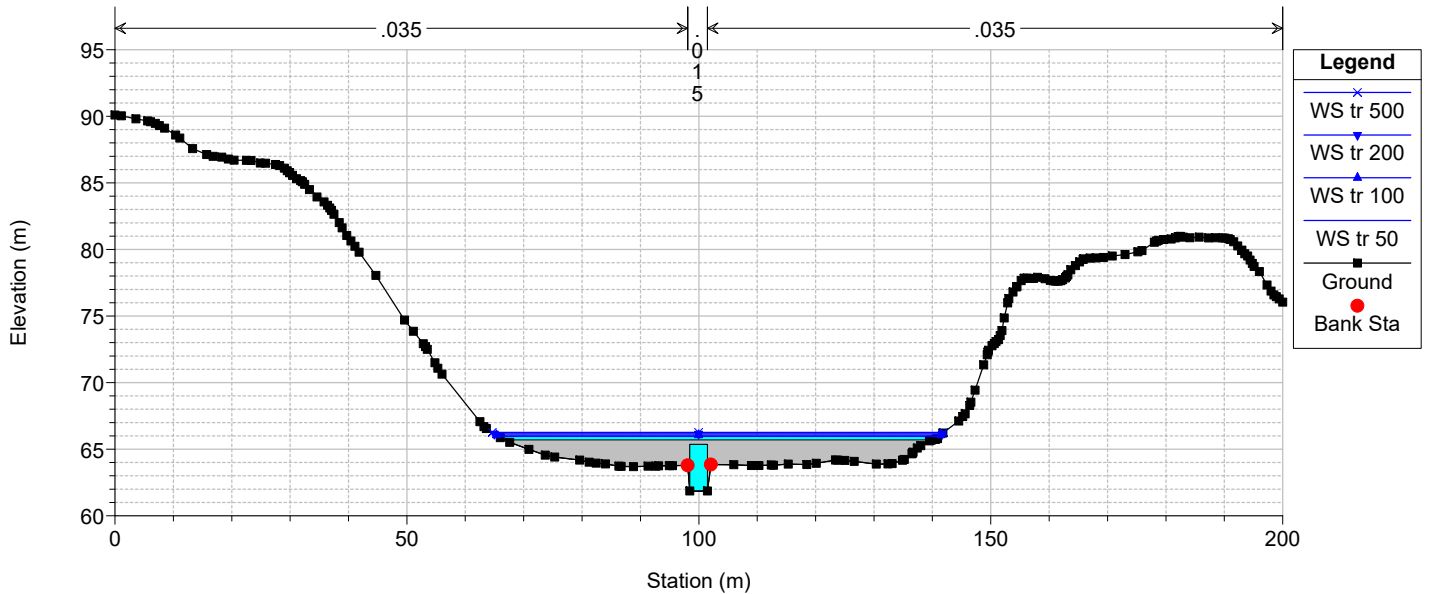
River = Rio Buddi Buddi Reach = Principale RS = 4724.486 SEZIONE 94 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

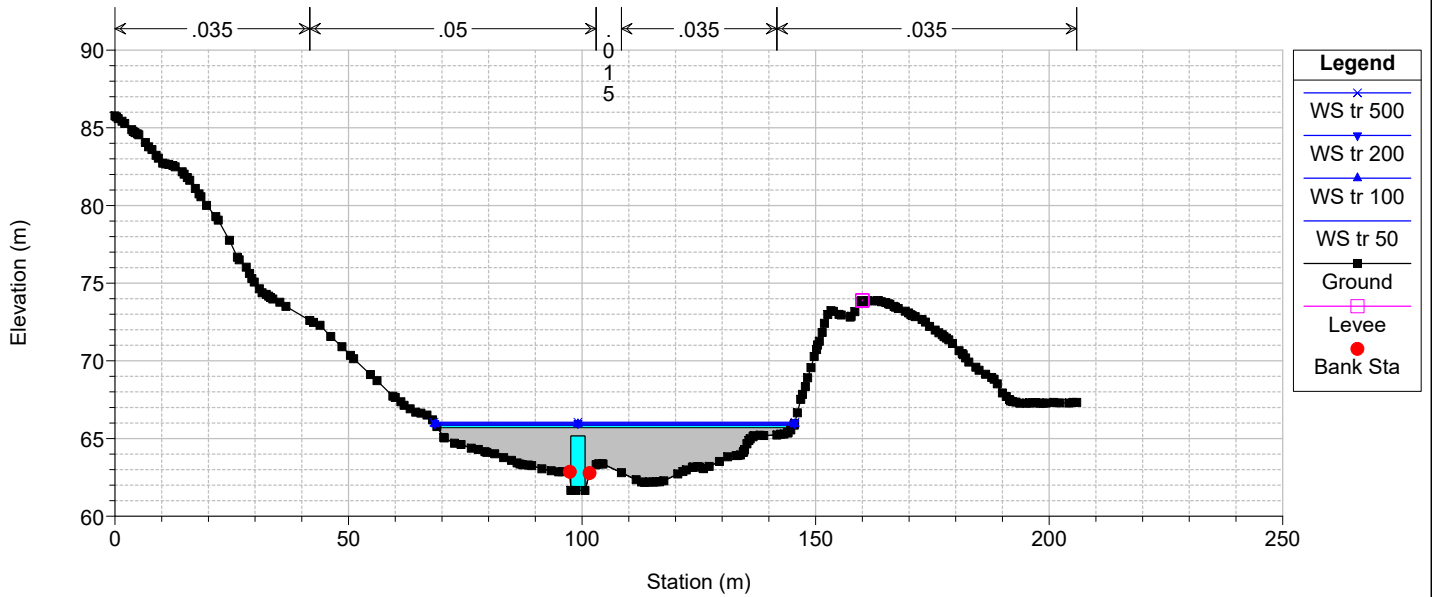
River = Rio Buddi Buddi Reach = Principale RS = 4705.579 Culv ATTRAVERSAMENTO 6 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

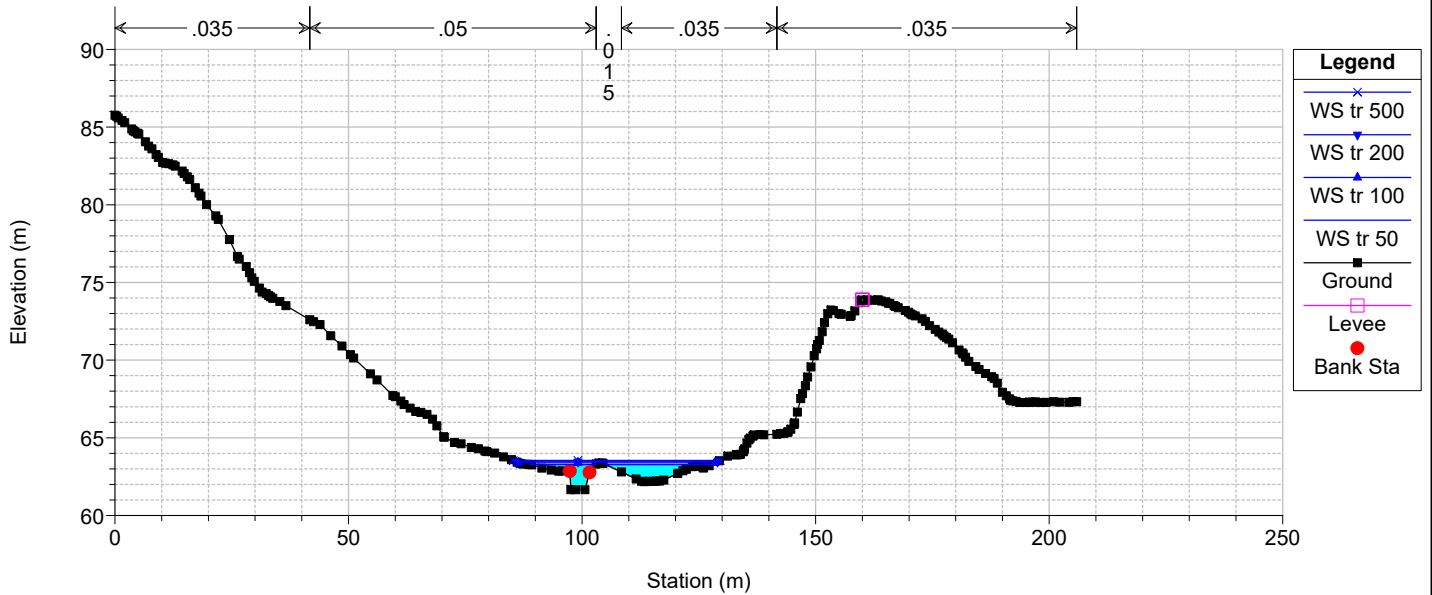
River = Rio Buddi Buddi Reach = Principale RS = 4705.579 Culv ATTRAVERSAMENTO 6 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

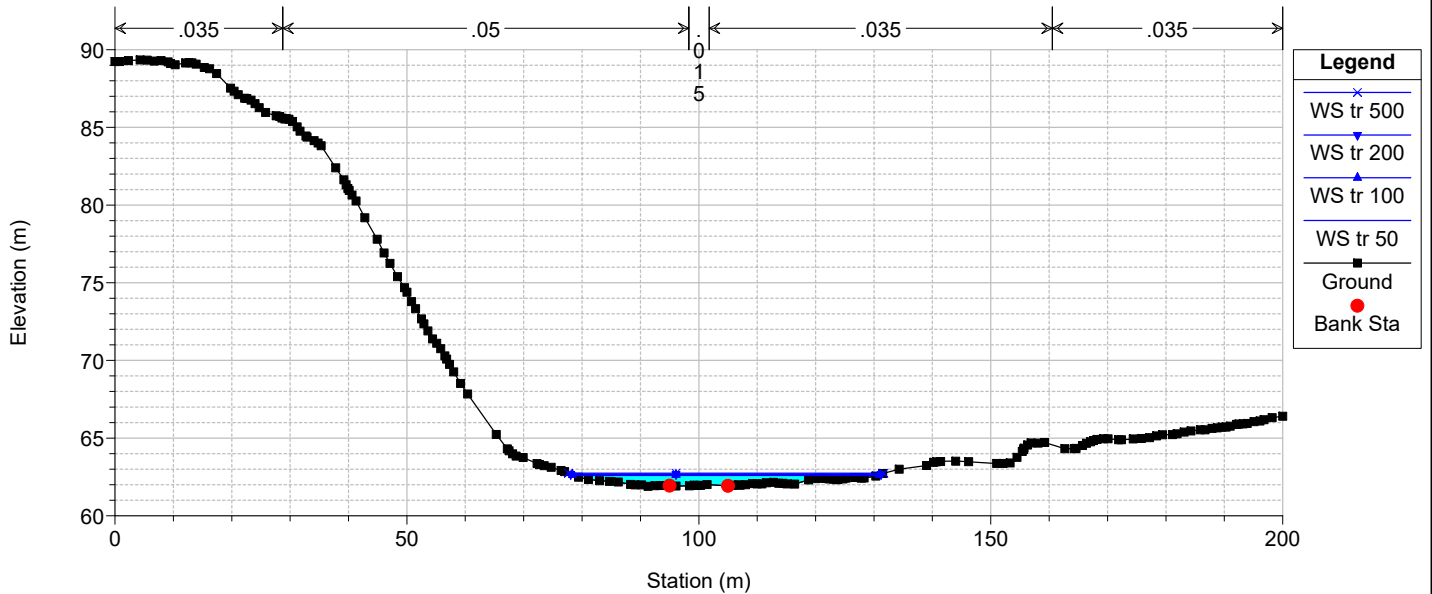
River = Rio Buddi Buddi Reach = Principale RS = 4688.710 SEZIONE 93 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

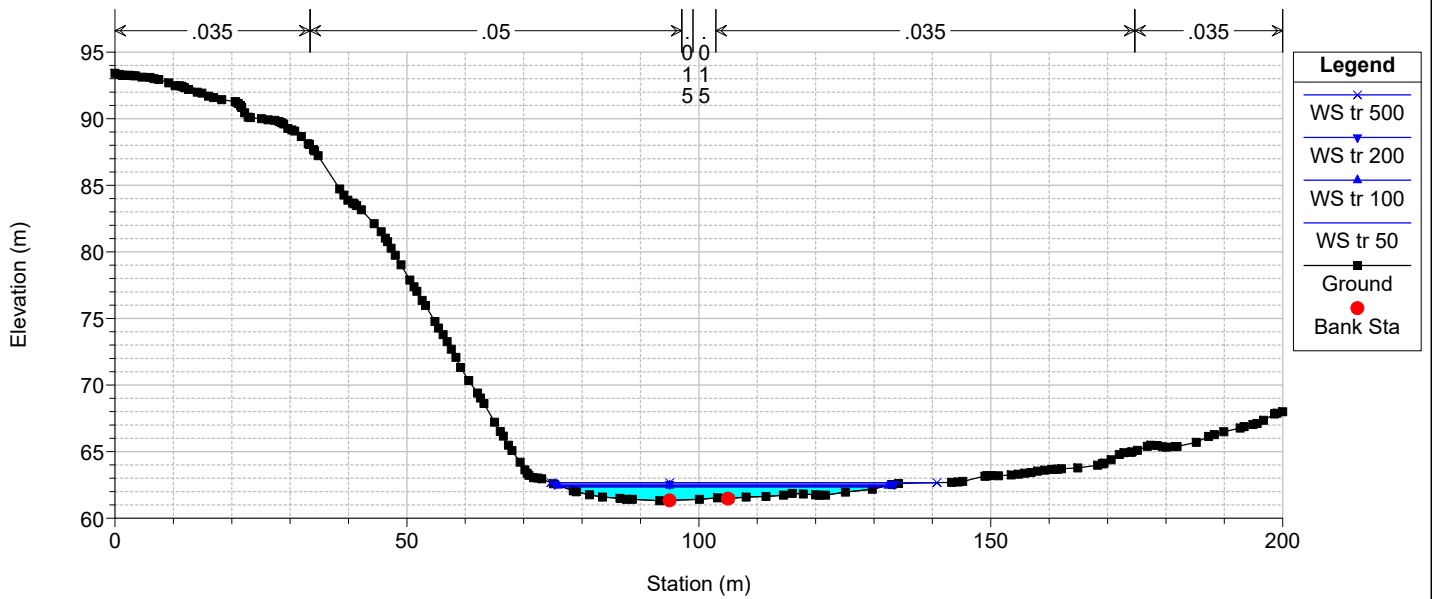
River = Rio Buddi Buddi Reach = Principale RS = 4650 SEZIONE 92 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

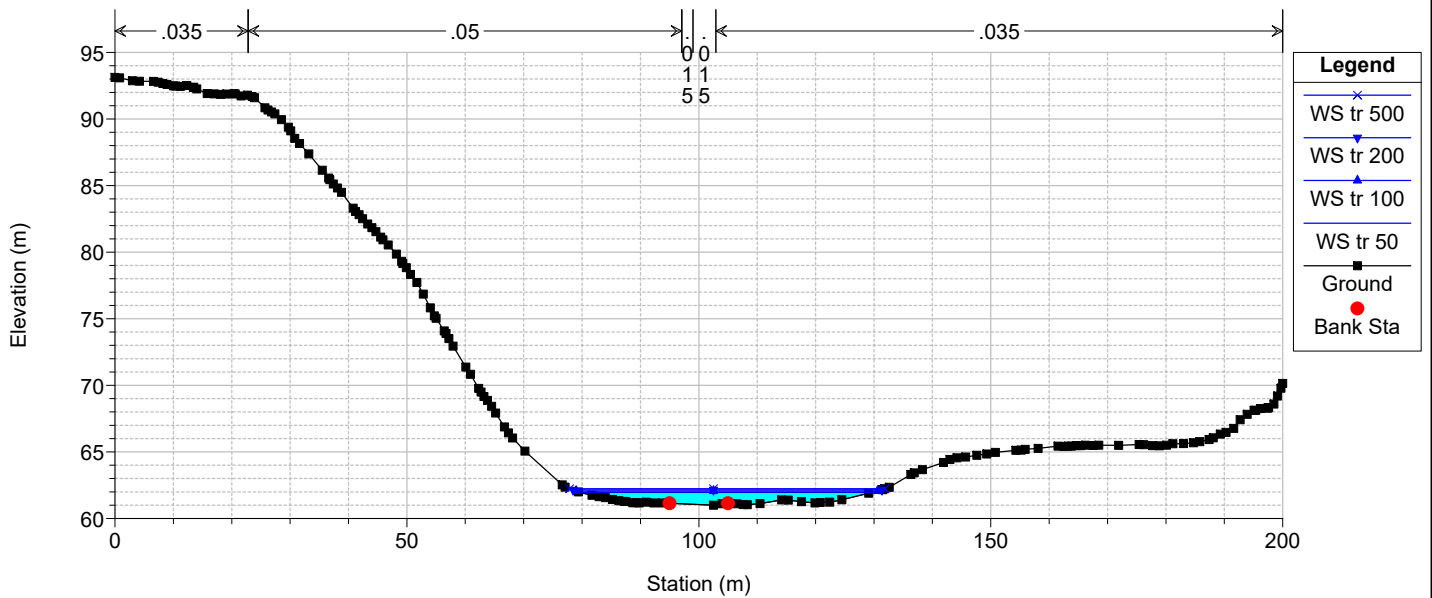
River = Rio Buddi Buddi Reach = Principale RS = 4600 SEZIONE 91 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

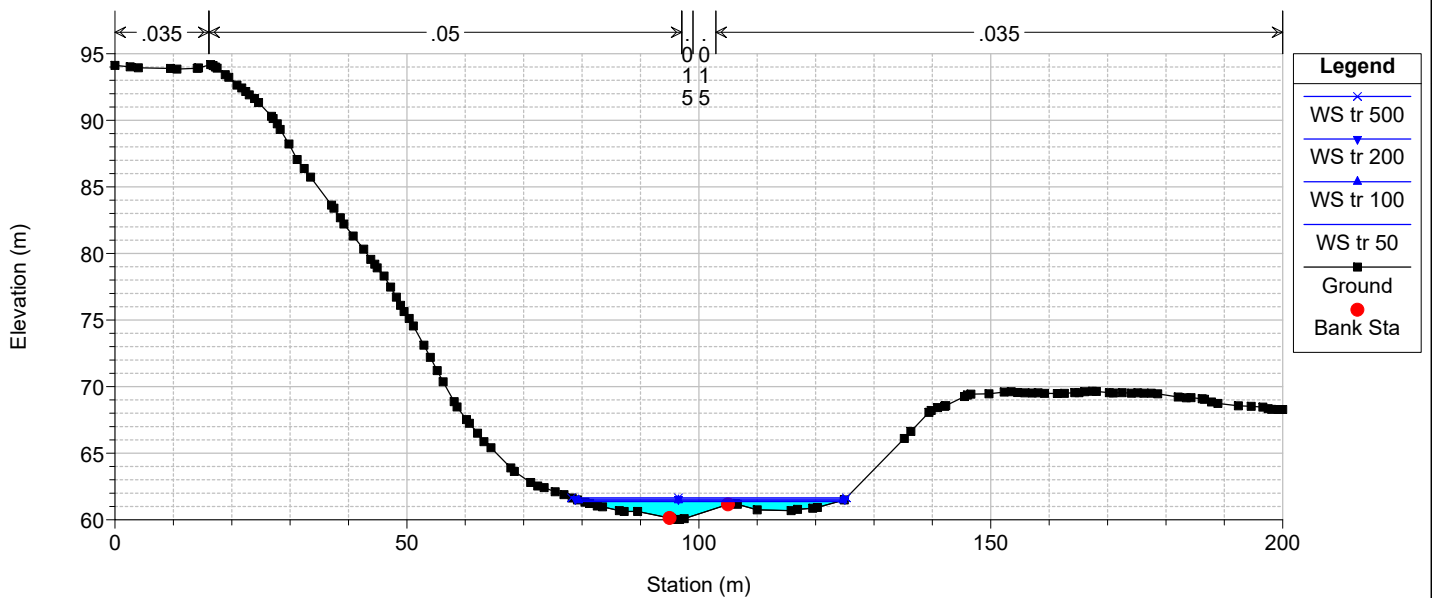
River = Rio Buddi Buddi Reach = Principale RS = 4550 SEZIONE 90 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

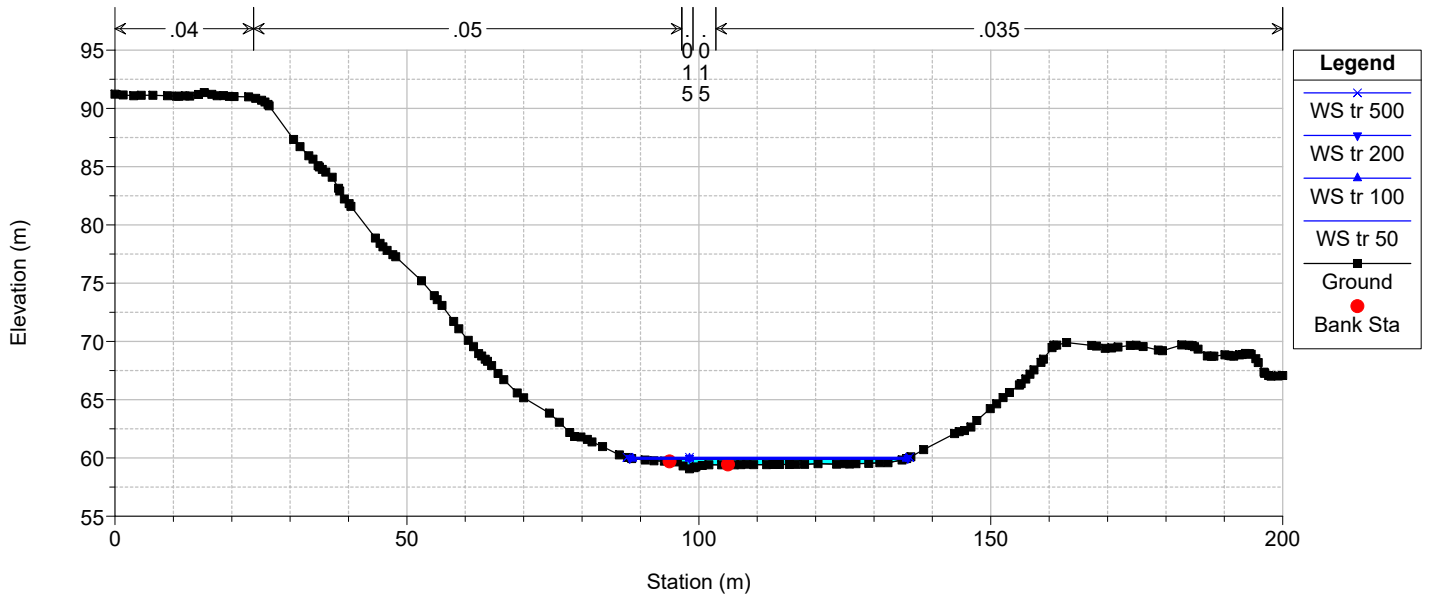
River = Rio Buddi Buddi Reach = Principale RS = 4500 SEZIONE 89 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

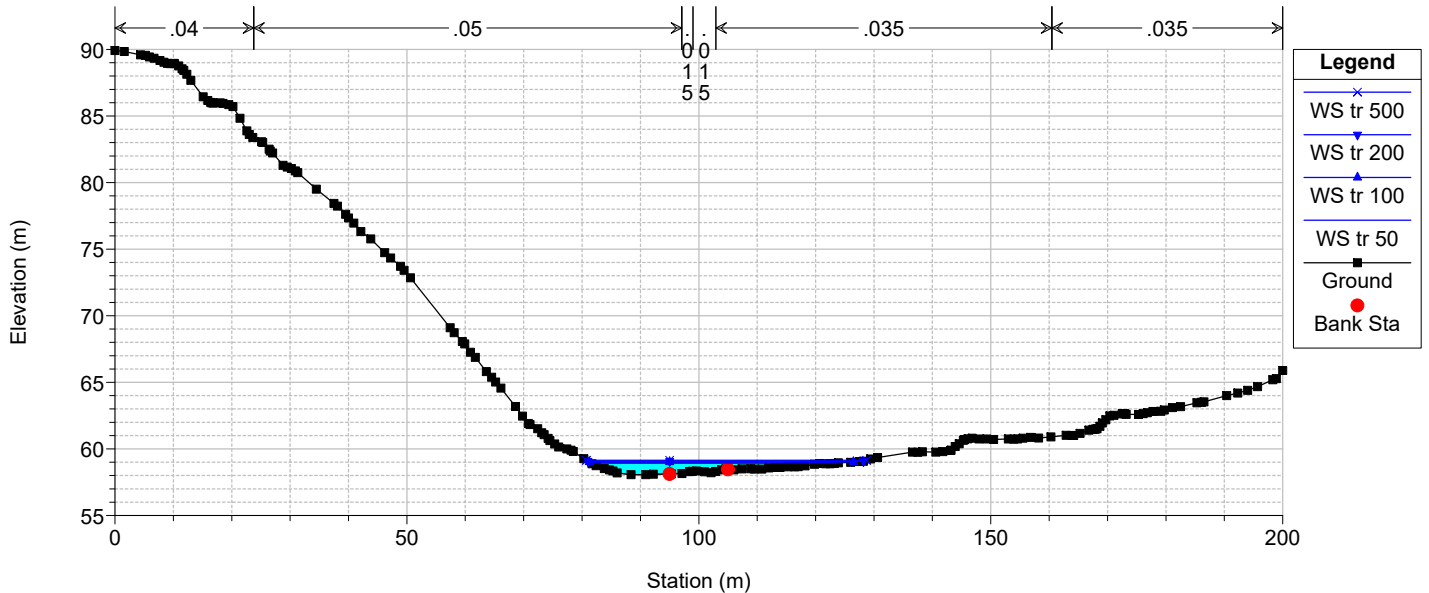
River = Rio Buddi Buddi Reach = Principale RS = 4450 SEZIONE 88 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

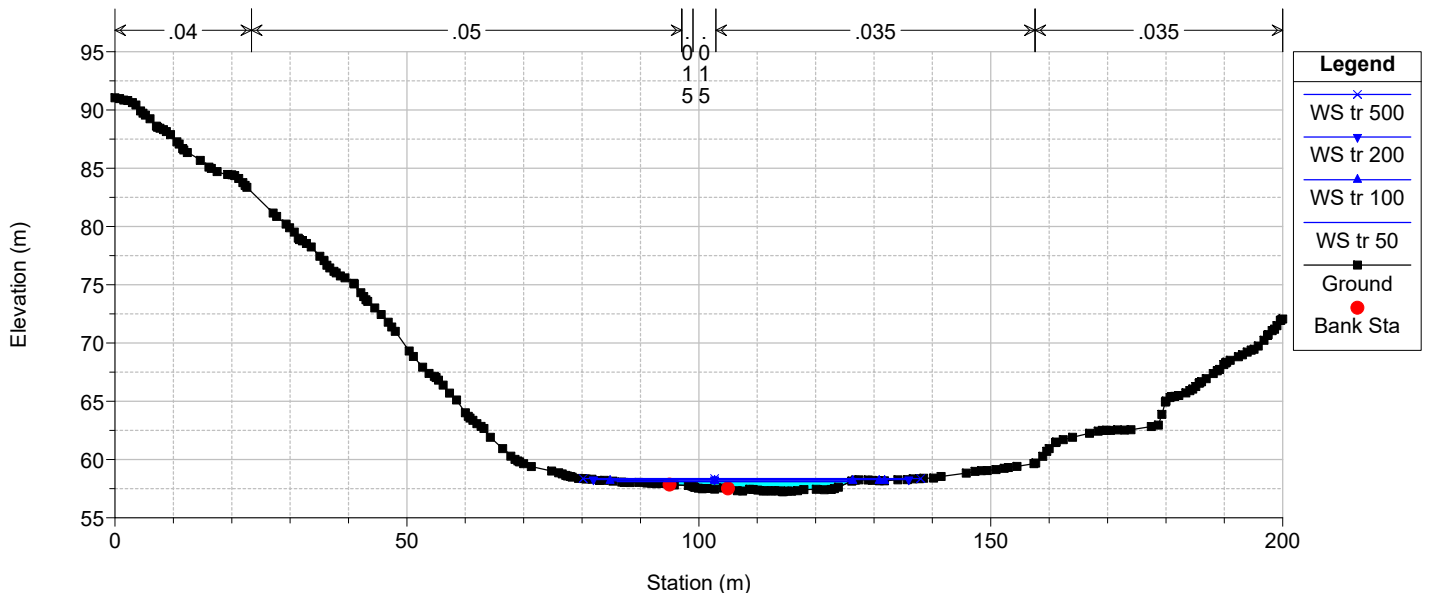
River = Rio Buddi Buddi Reach = Principale RS = 4400 SEZIONE 87 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

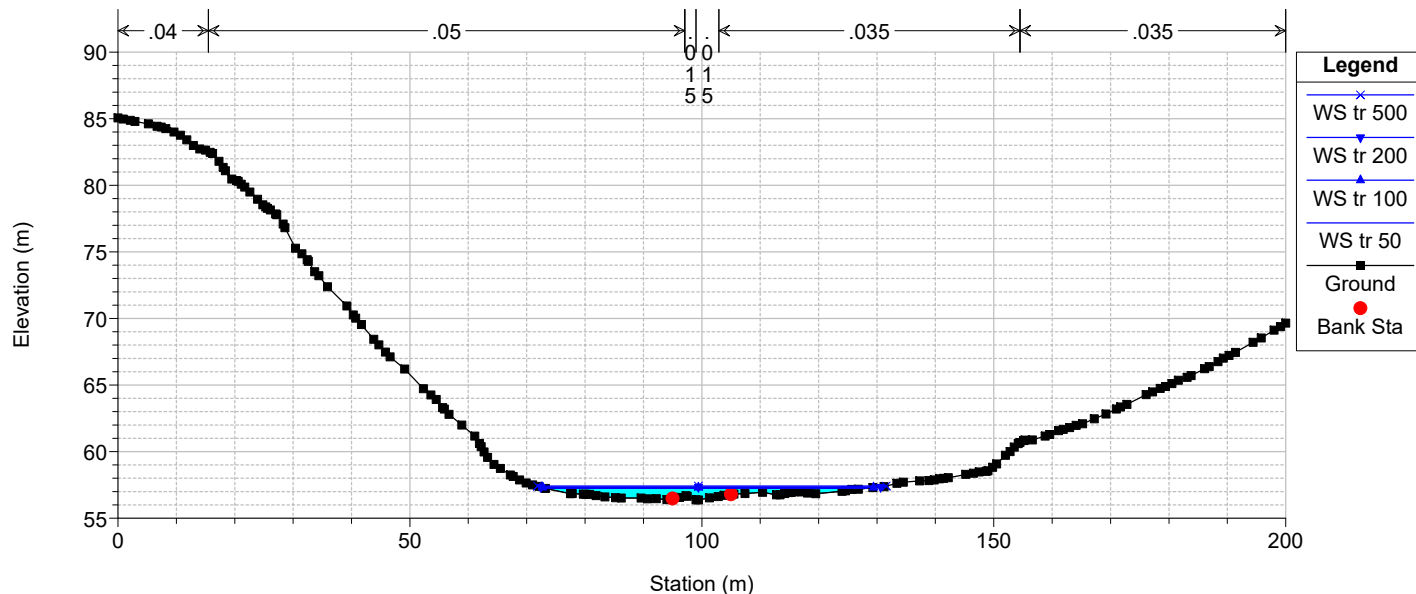
River = Rio Buddi Buddi Reach = Principale RS = 4350 SEZIONE 86 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

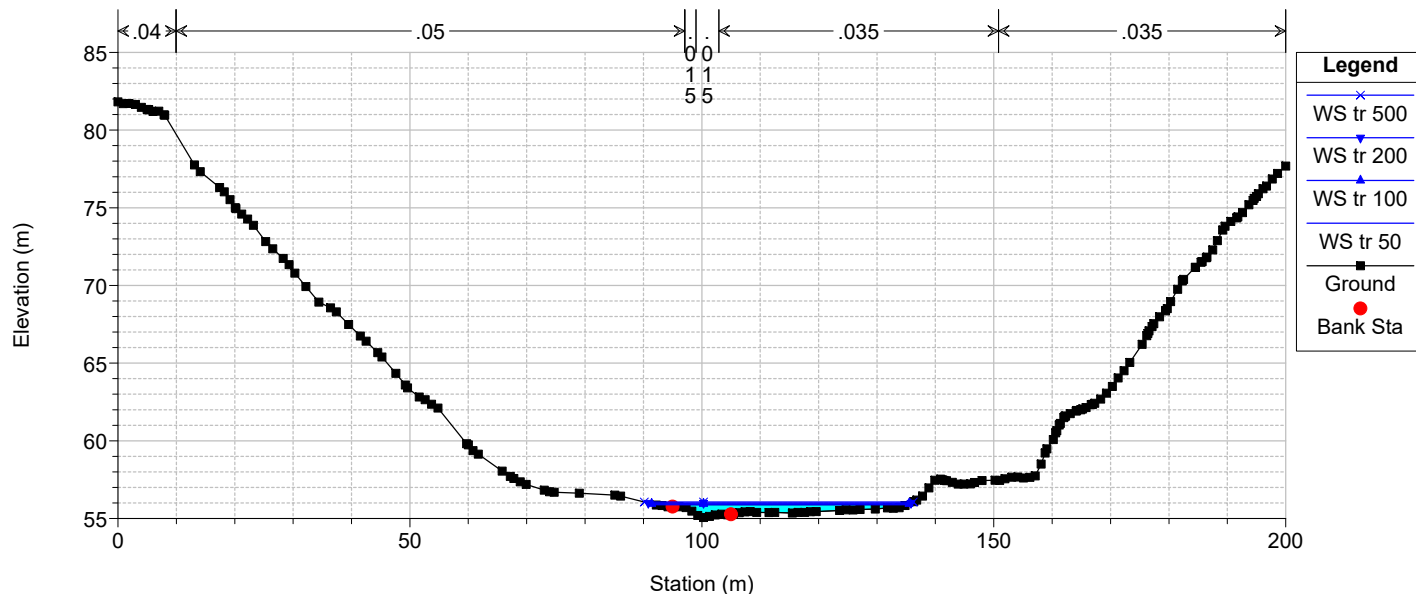
River = Rio Buddi Buddi Reach = Principale RS = 4300 SEZIONE 85 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

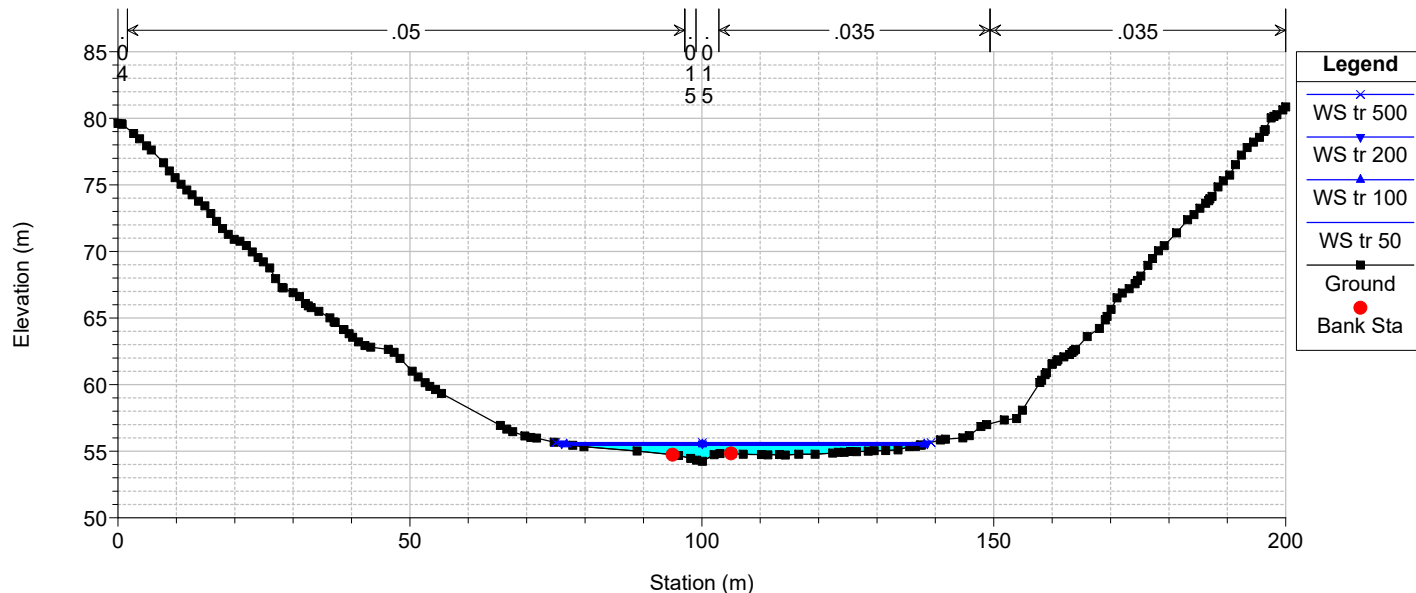
River = Rio Buddi Buddi Reach = Principale RS = 4250 SEZIONE 84 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

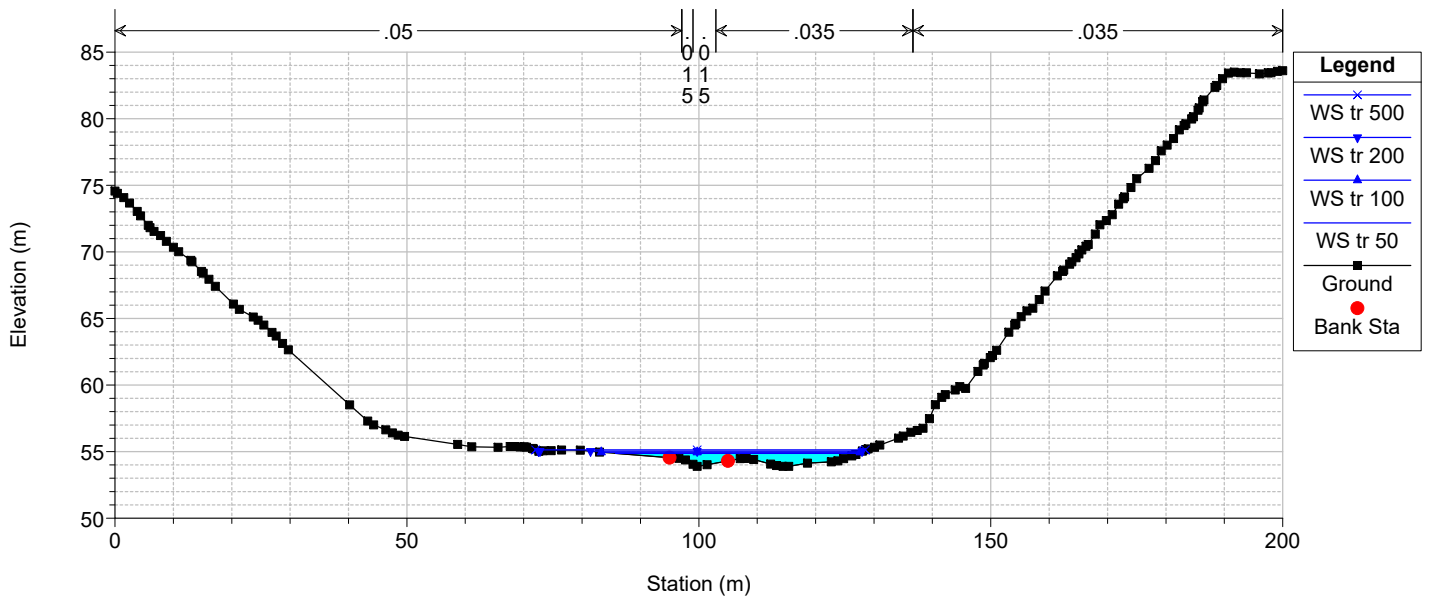
River = Rio Buddi Buddi Reach = Principale RS = 4200 SEZIONE 83 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

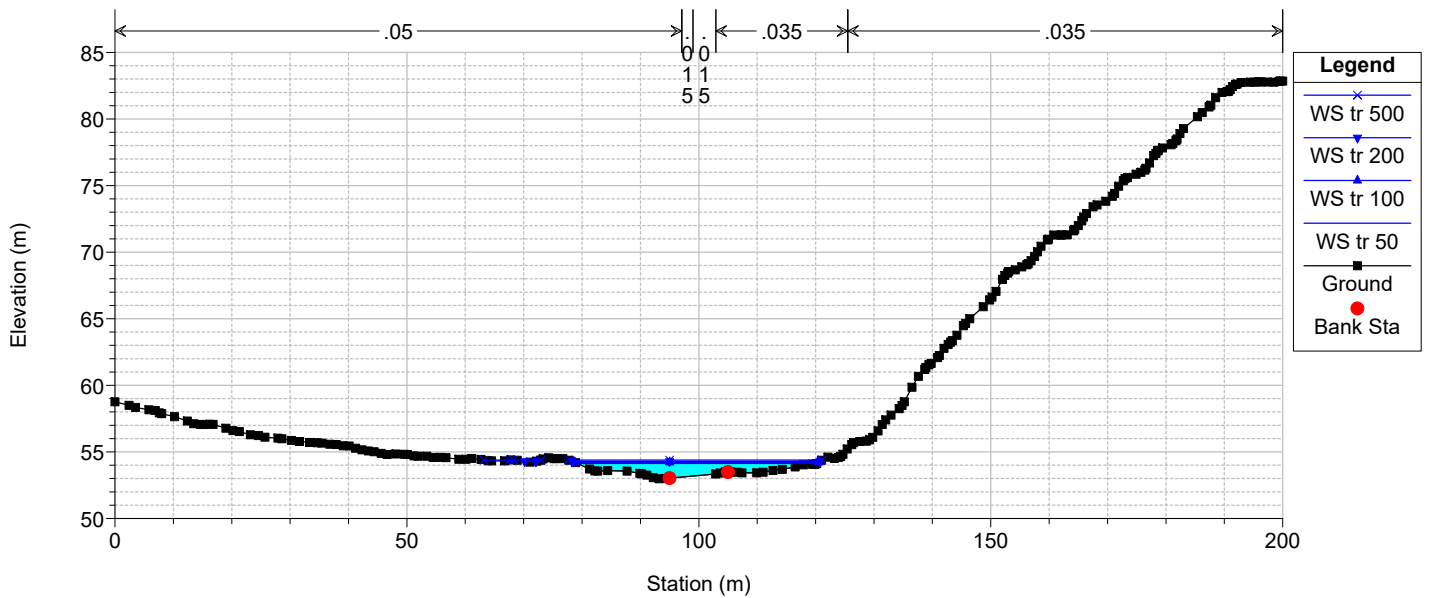
River = Rio Buddi Buddi Reach = Principale RS = 4150 SEZIONE 82 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

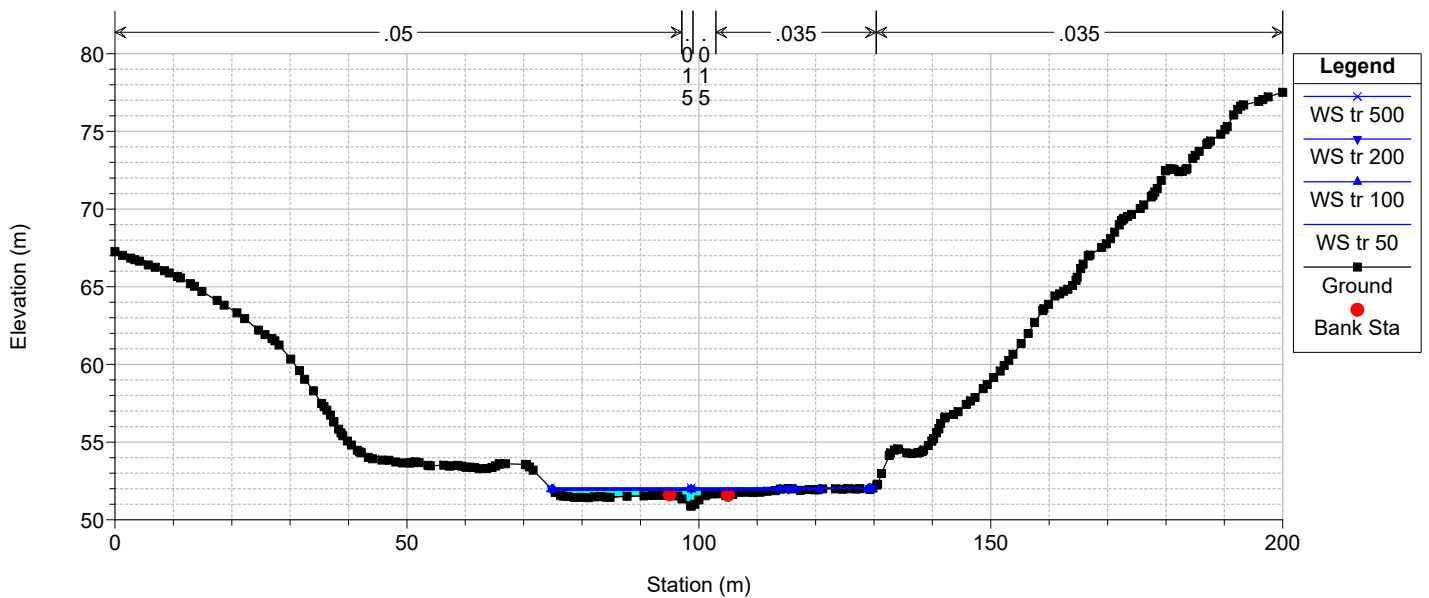
River = Rio Buddi Buddi Reach = Principale RS = 4100 SEZIONE 81 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

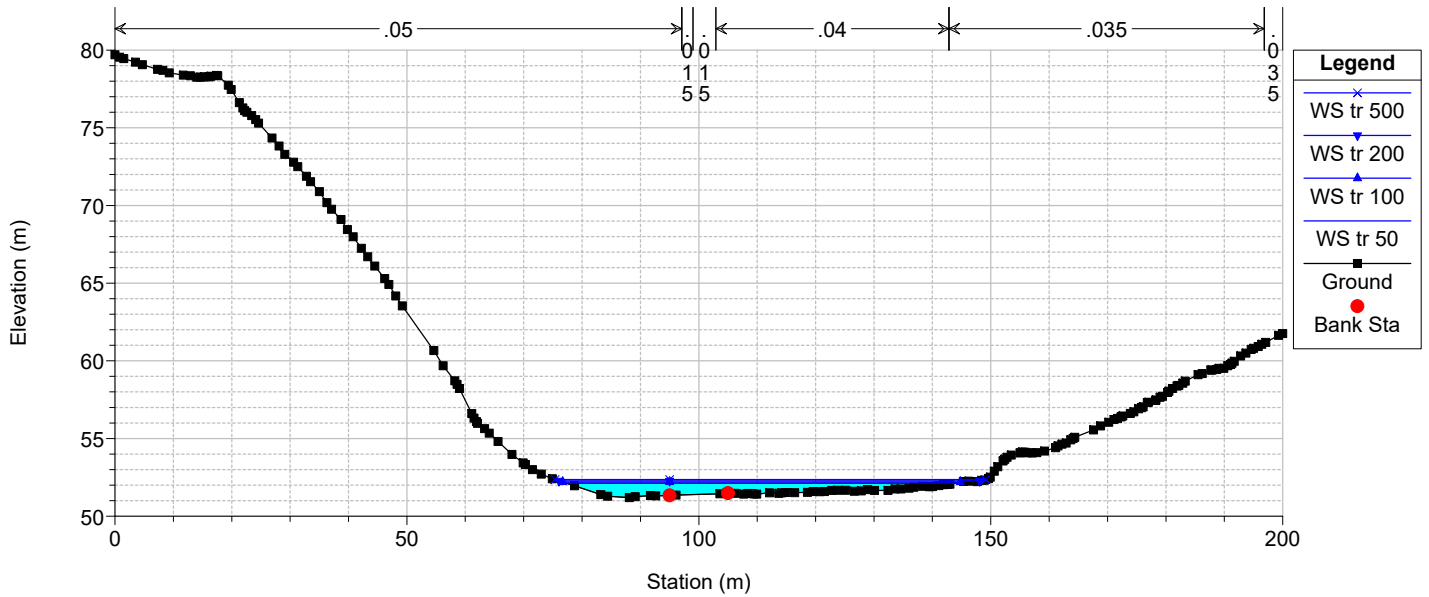
River = Rio Buddi Buddi Reach = Principale RS = 4050.000 SEZIONE 80 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

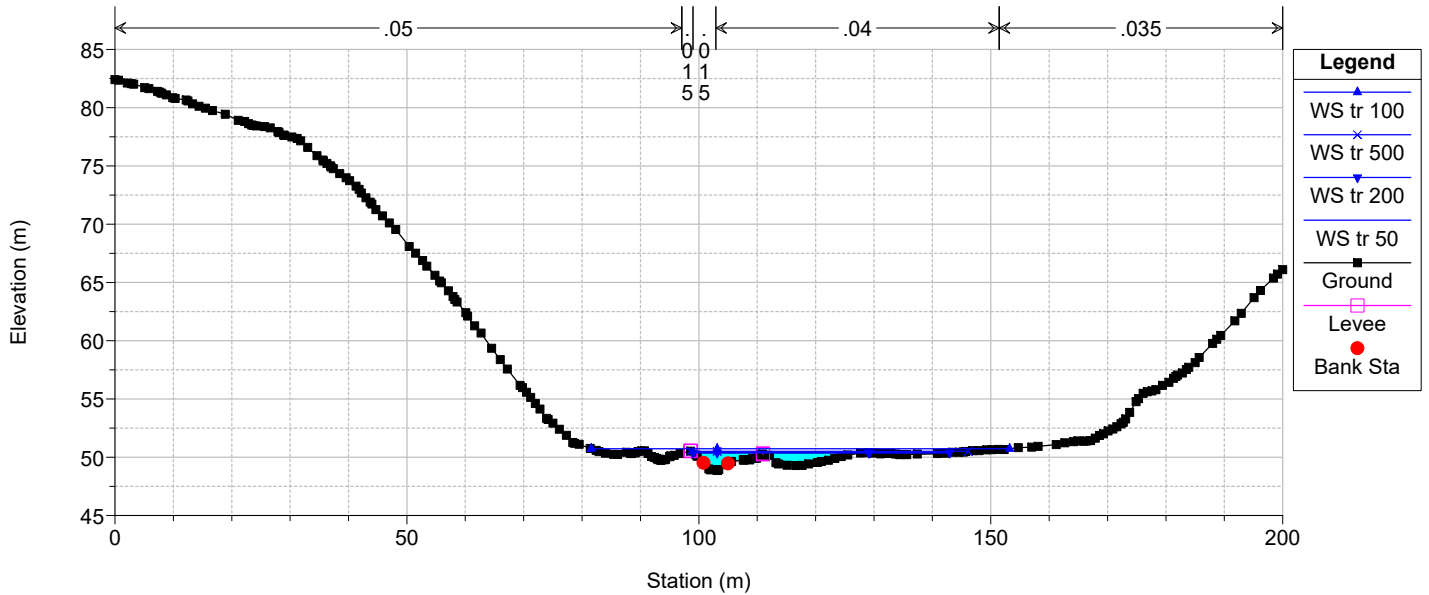
River = Rio Buddi Buddi Reach = Principale RS = 4000.000 SEZIONE 79 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

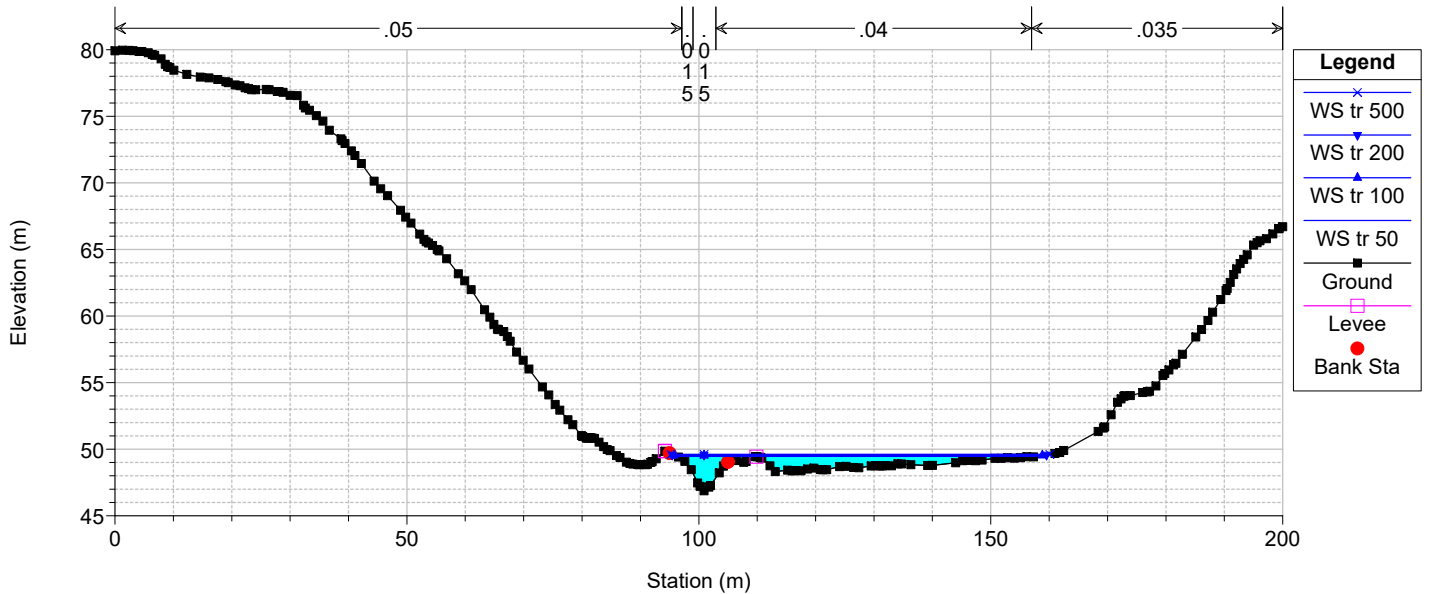
River = Rio Buddi Buddi Reach = Principale RS = 3950.000 SEZIONE 78 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

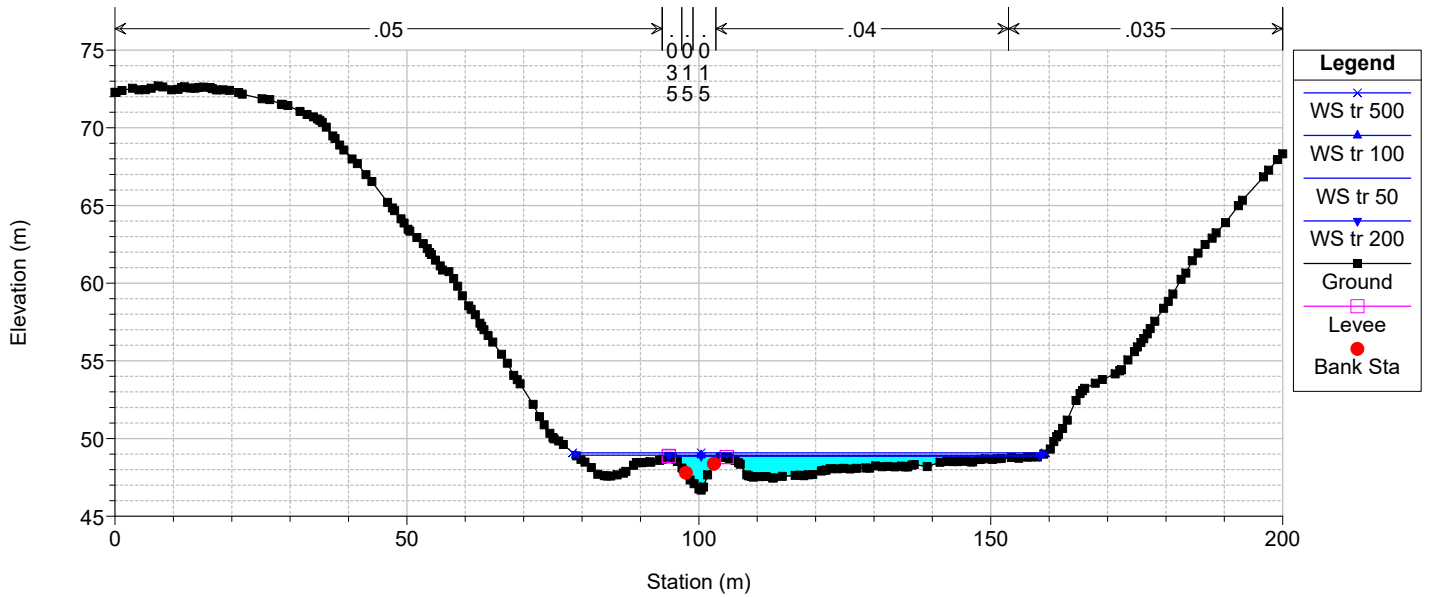
River = Rio Buddi Buddi Reach = Principale RS = 3900.000 SEZIONE 77 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

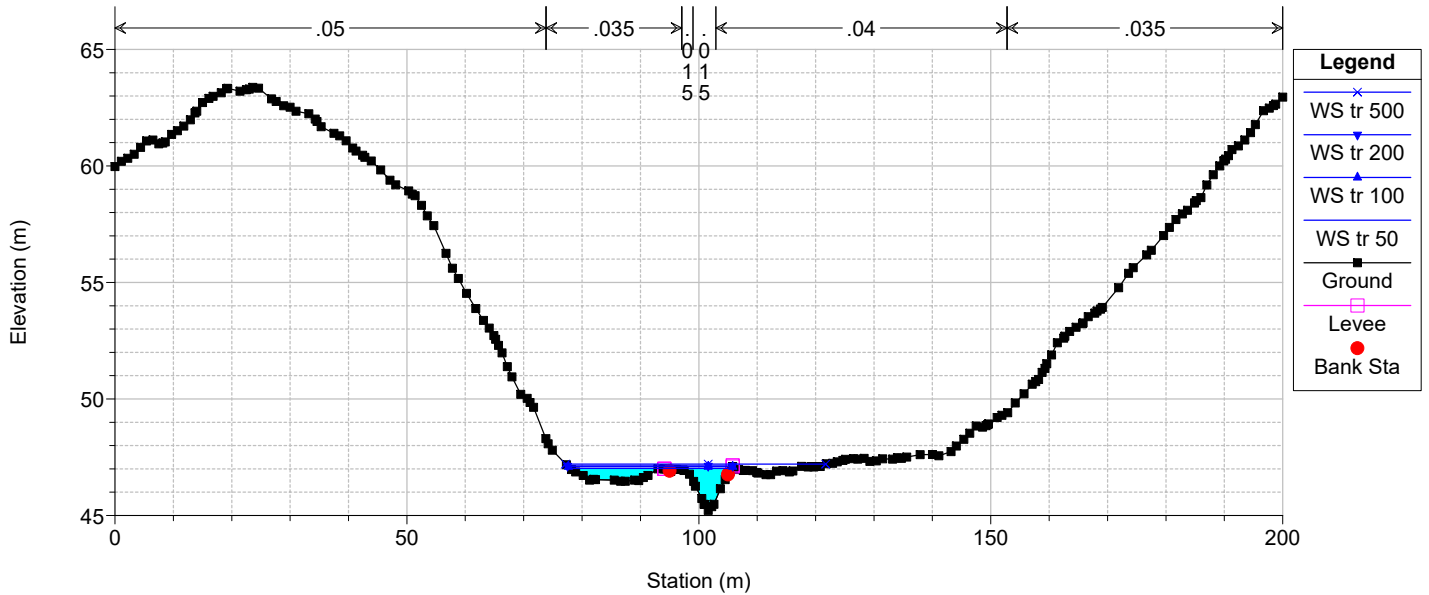
River = Rio Buddi Buddi Reach = Principale RS = 3850.000 SEZIONE 76 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

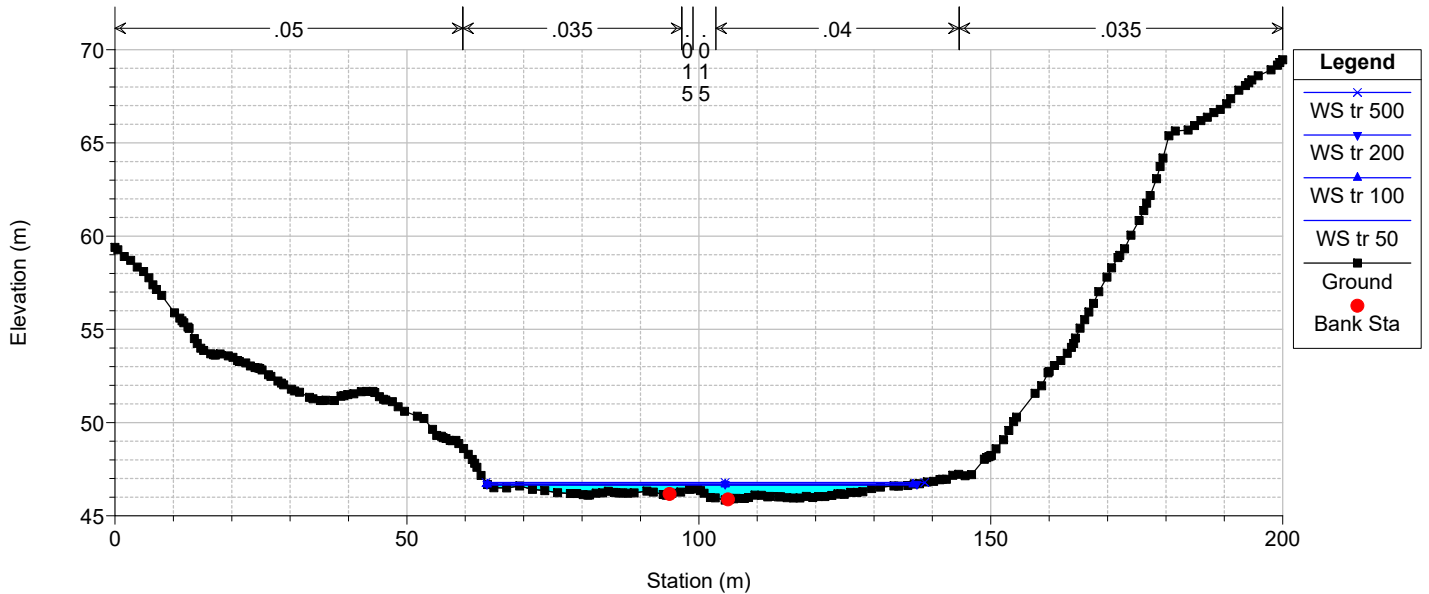
River = Rio Buddi Buddi Reach = Principale RS = 3800.000 SEZIONE 75 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

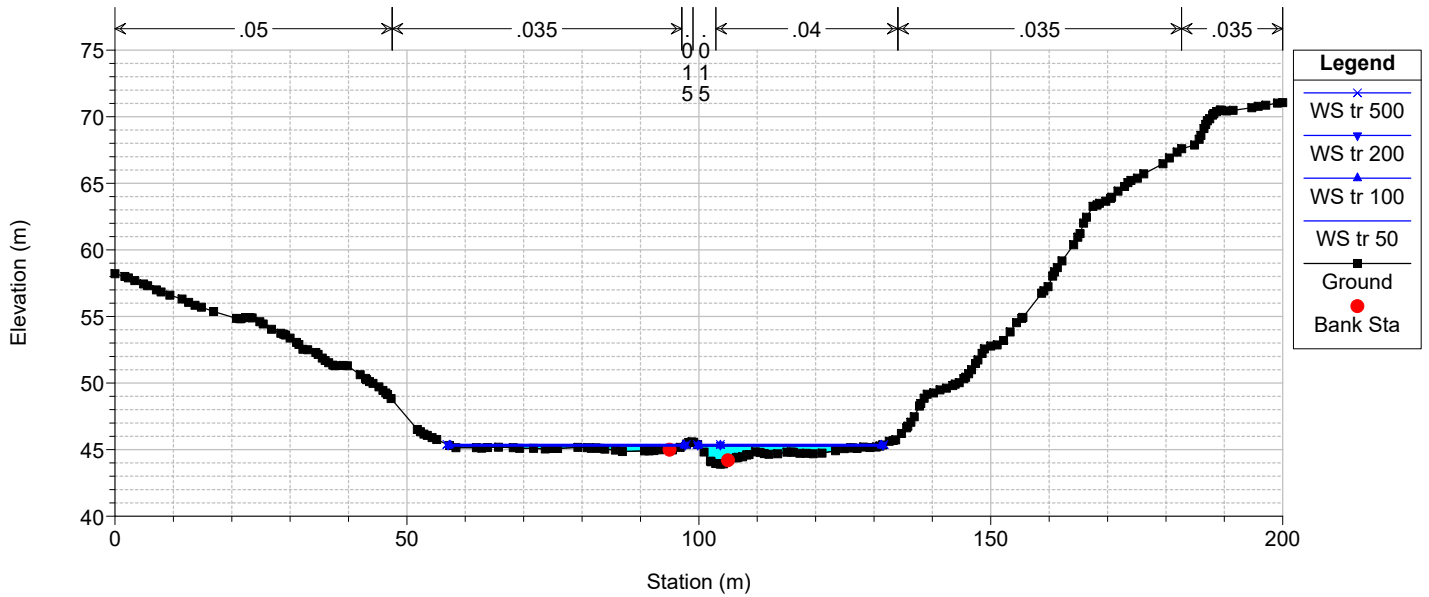
River = Rio Buddi Buddi Reach = Principale RS = 3750.000 SEZIONE 74 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

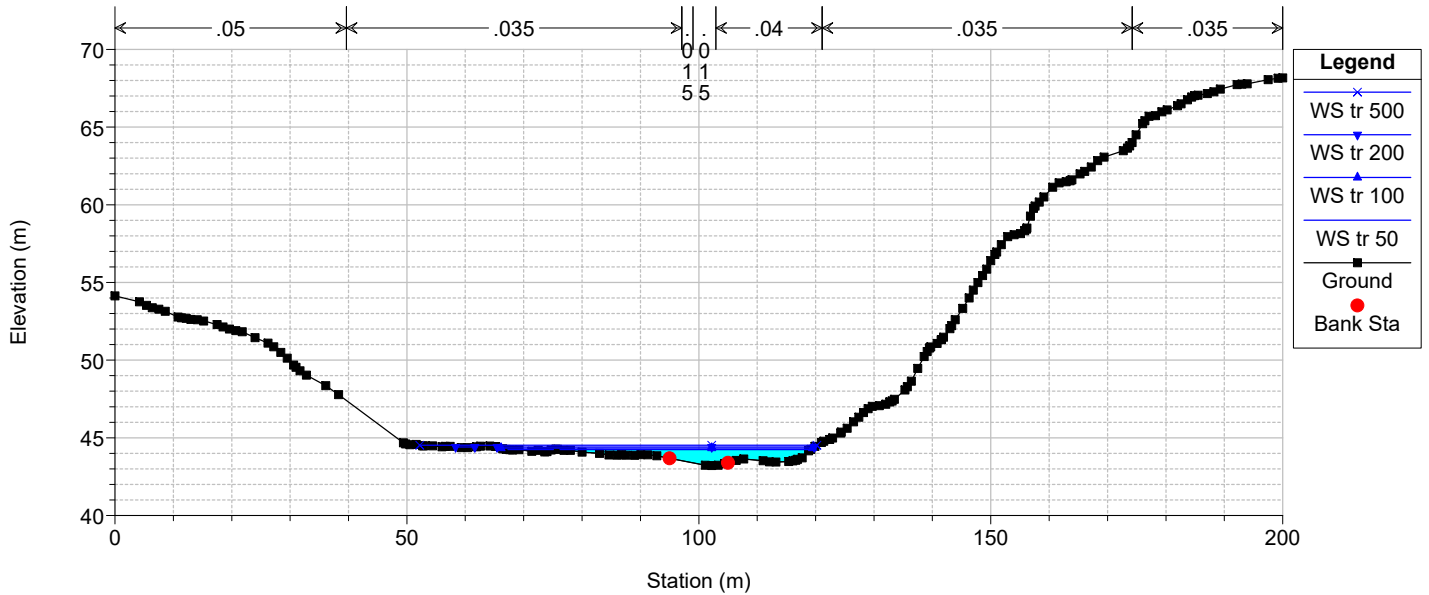
River = Rio Buddi Buddi Reach = Principale RS = 3700.000 SEZIONE 73 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

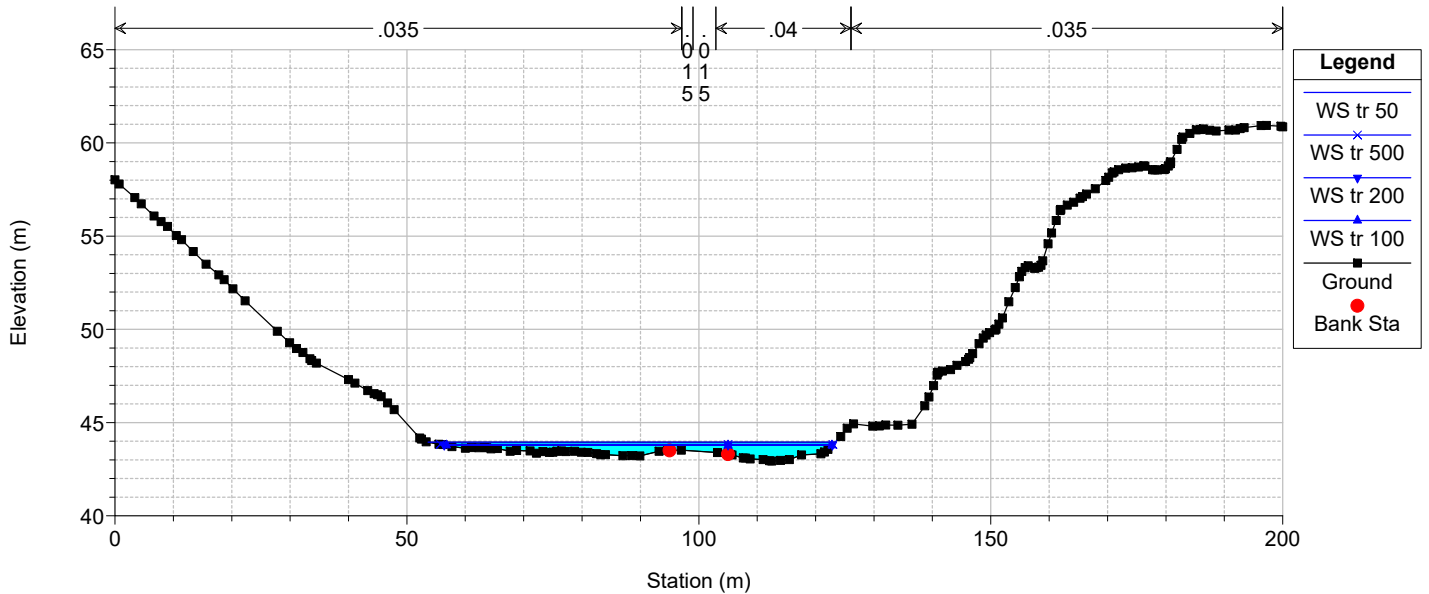
River = Rio Buddi Buddi Reach = Principale RS = 3650.000 SEZIONE 72 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

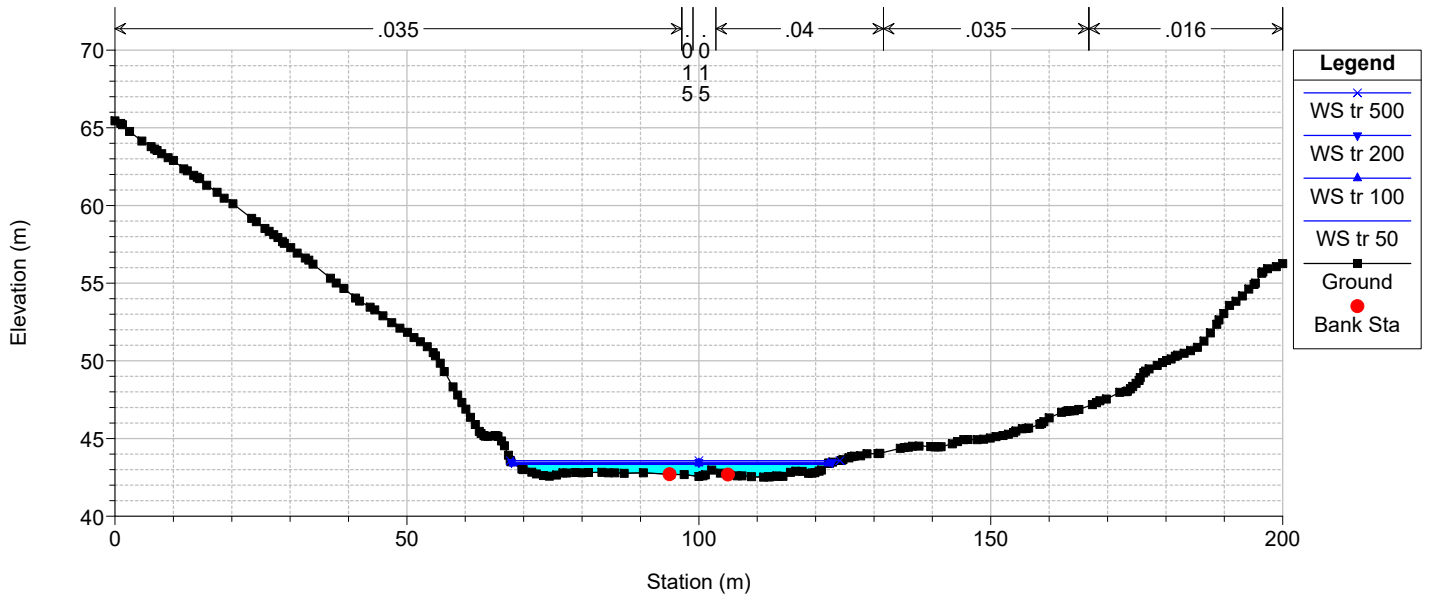
River = Rio Buddi Buddi Reach = Principale RS = 3600.000 SEZIONE 71 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

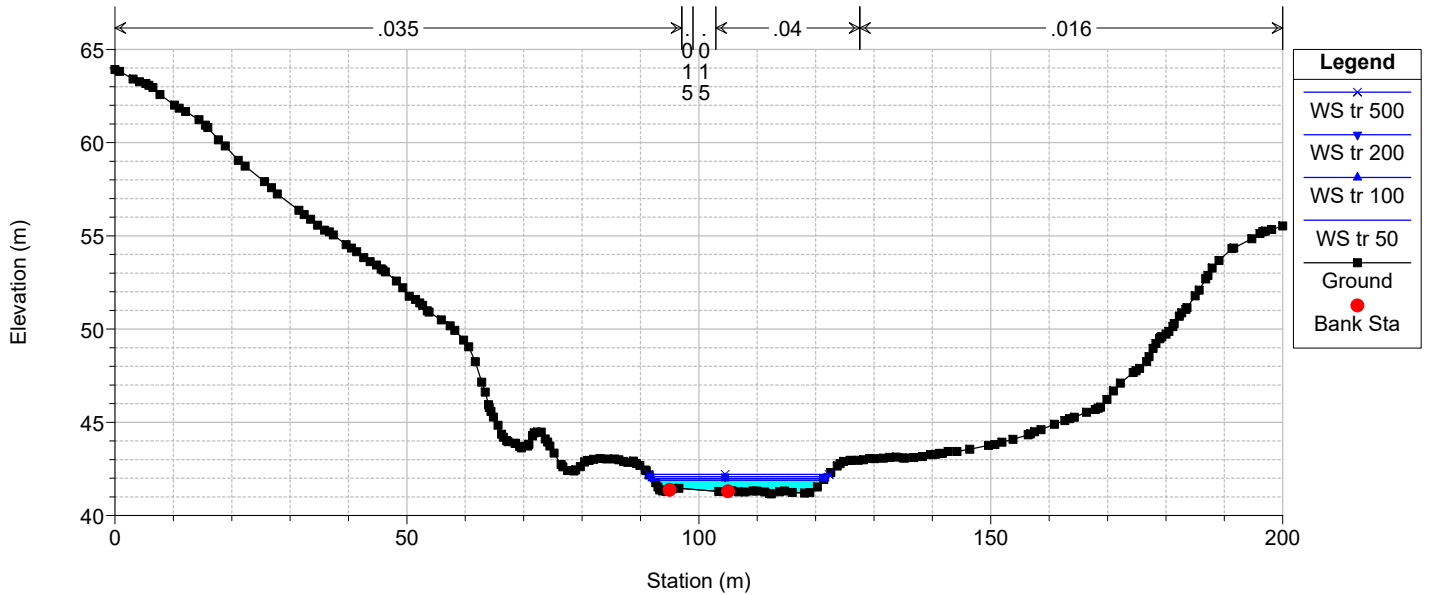
River = Rio Buddi Buddi Reach = Principale RS = 3537.700 SEZIONE 70 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

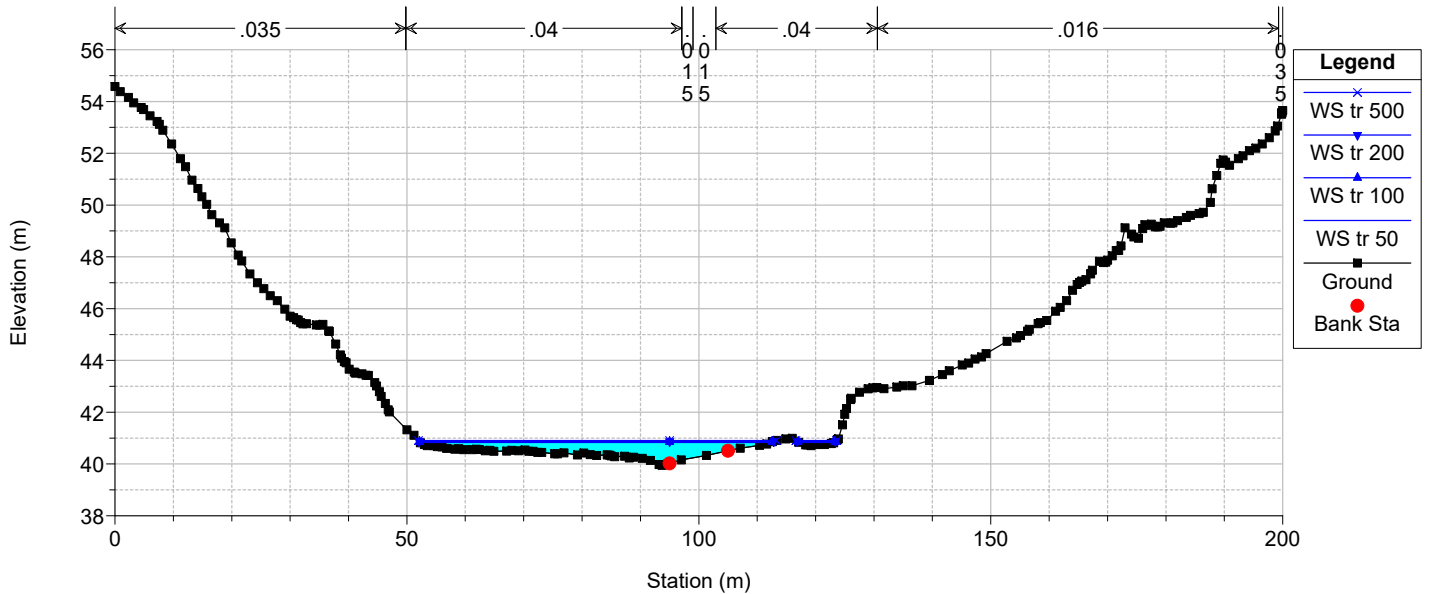
River = Rio Buddi Buddi Reach = Principale RS = 3500.000 SEZIONE 69 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

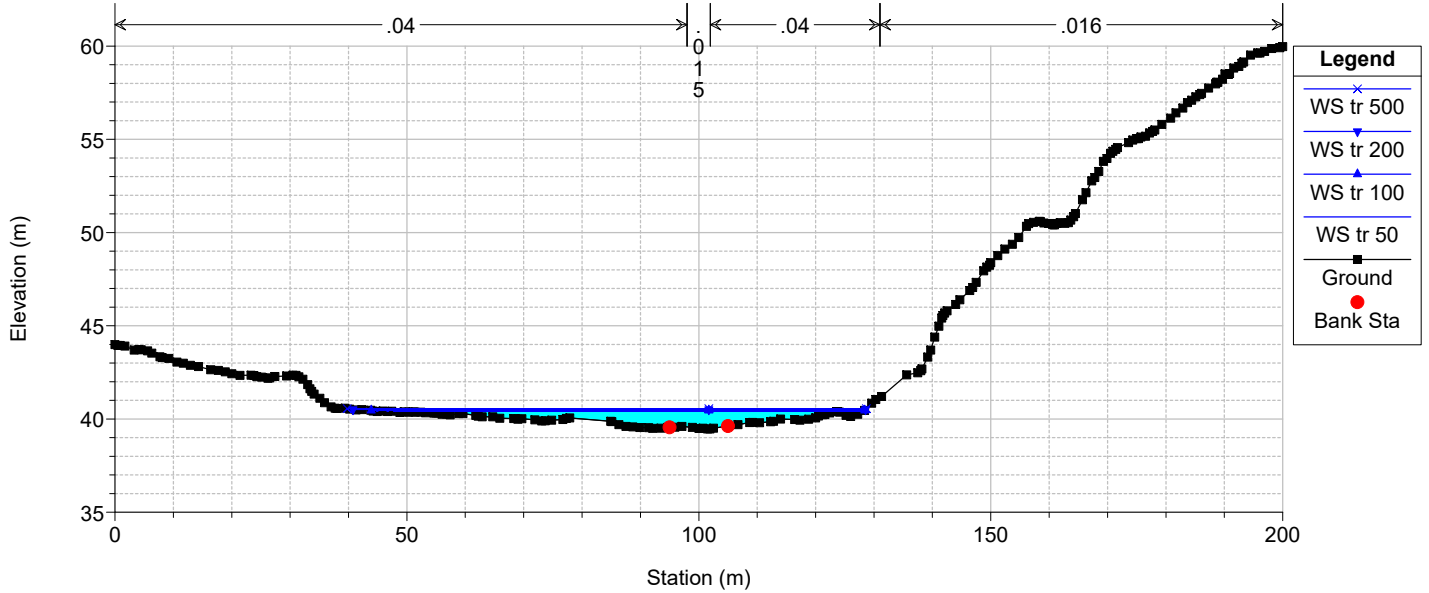
River = Rio Buddi Buddi Reach = Principale RS = 3450.000 SEZIONE 68 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

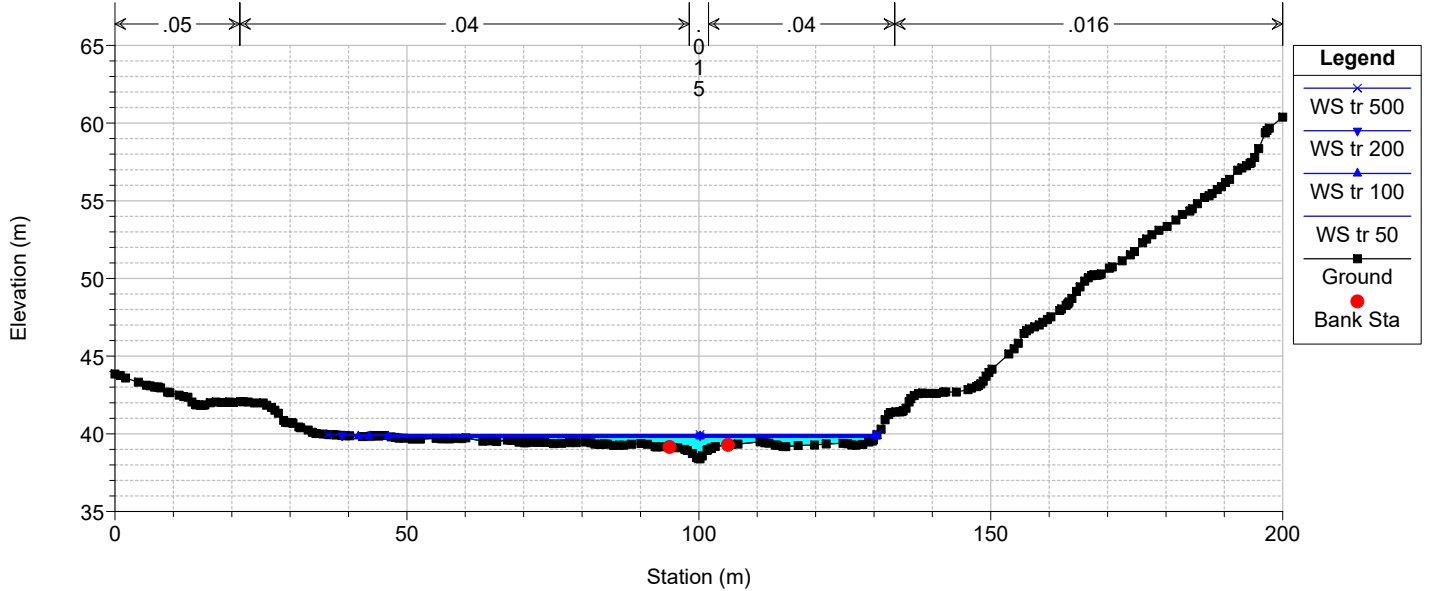
River = Rio Buddi Buddi Reach = Principale RS = 3400.000 SEZIONE 67 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

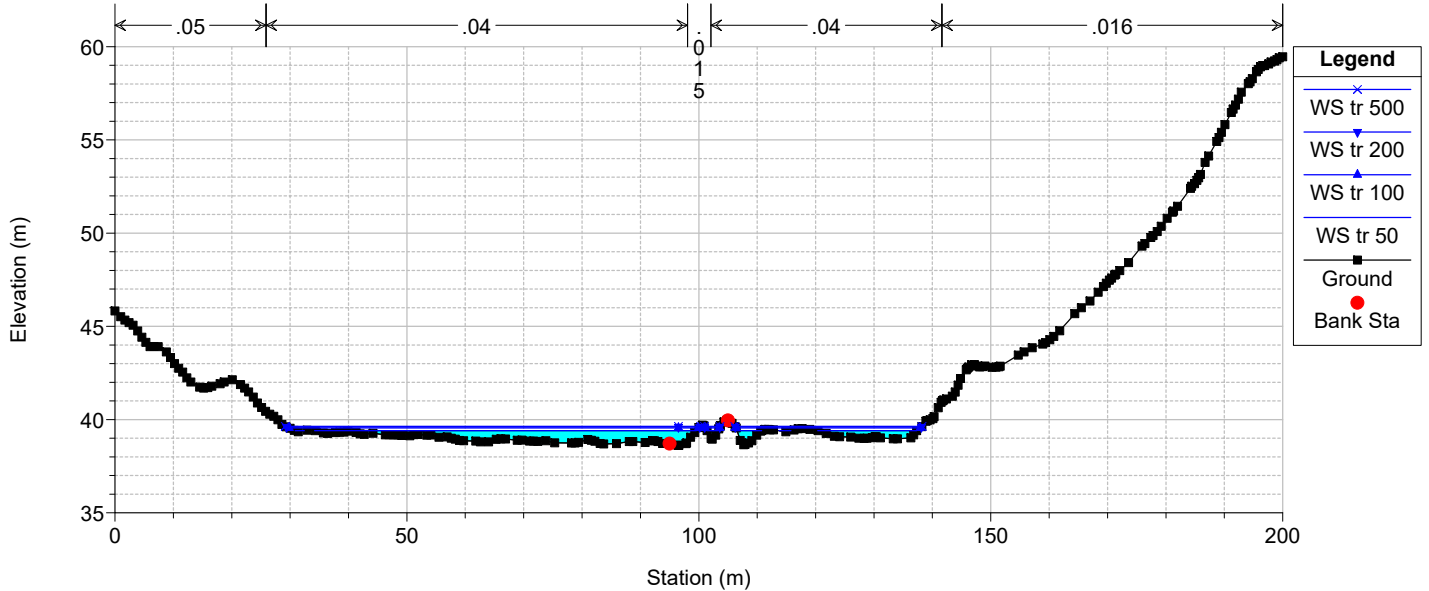
River = Rio Buddi Buddi Reach = Principale RS = 3350.000 SEZIONE 66 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

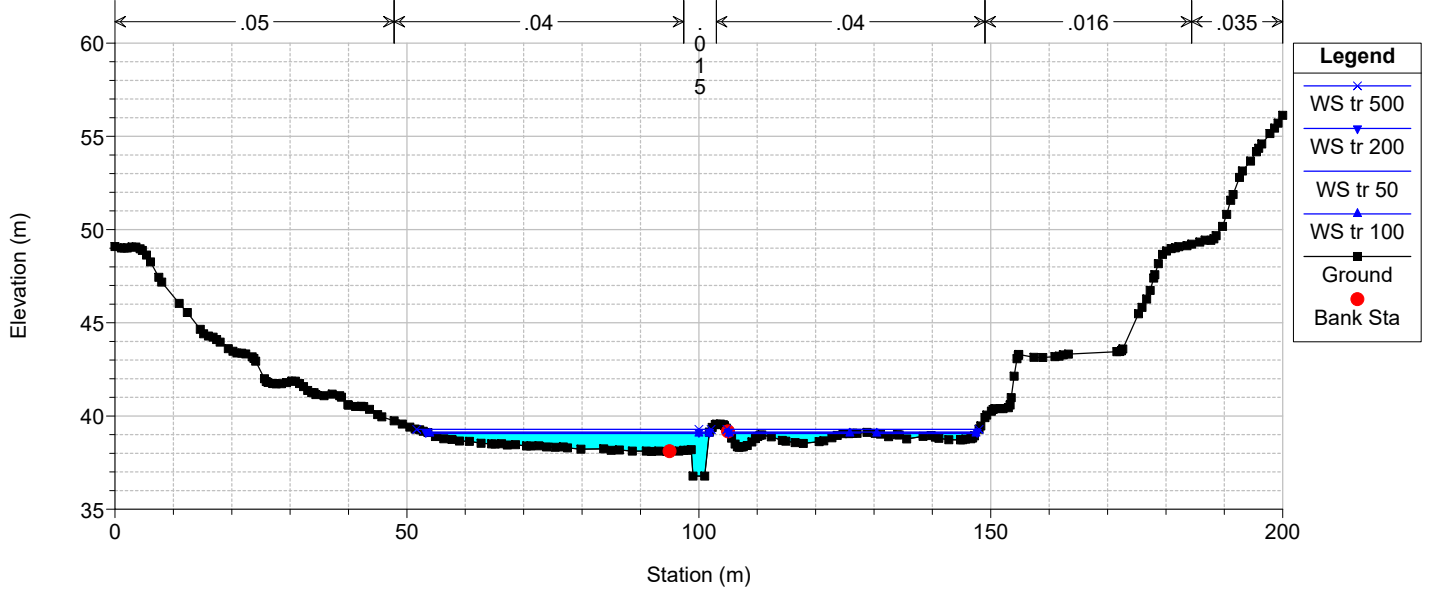
River = Rio Buddi Buddi Reach = Principale RS = 3300.000 SEZIONE 65 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

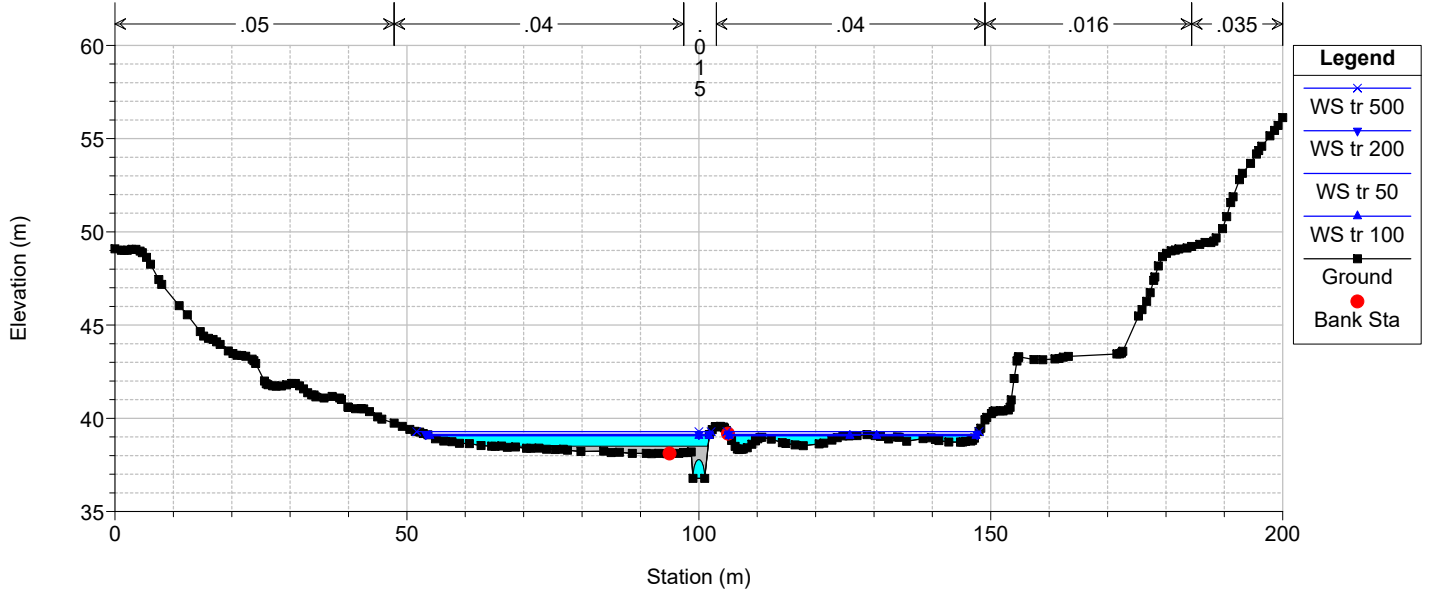
River = Rio Buddi Buddi Reach = Principale RS = 3250.000 SEZIONE 64 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

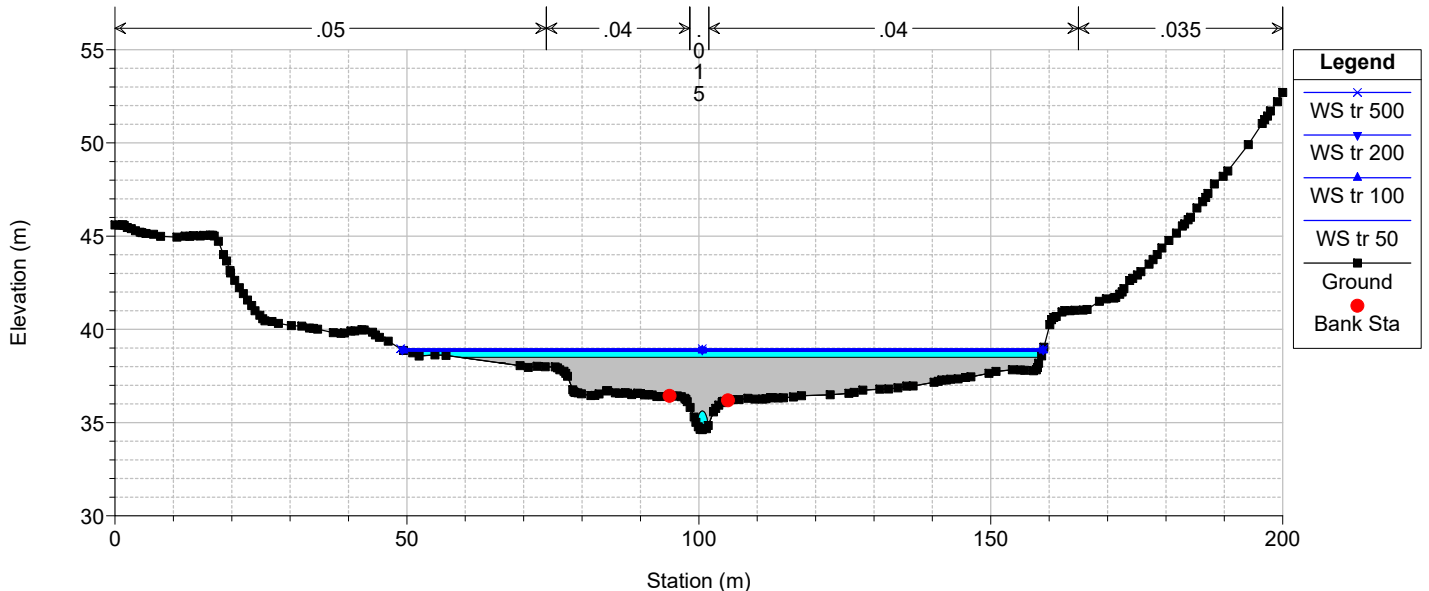
River = Rio Buddi Buddi Reach = Principale RS = 3223.162 Culv ATTRAVERSAMENTO 5 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

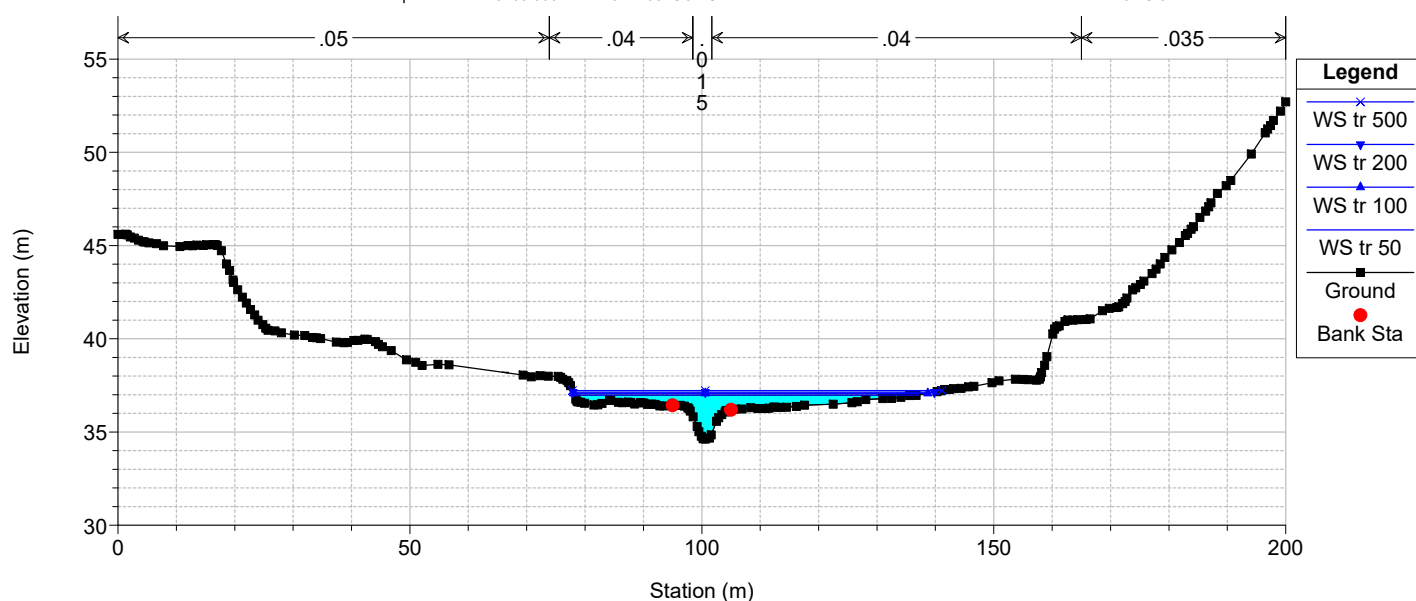
River = Rio Buddi Buddi Reach = Principale RS = 3223.162 Culv ATTRAVERSAMENTO 5 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

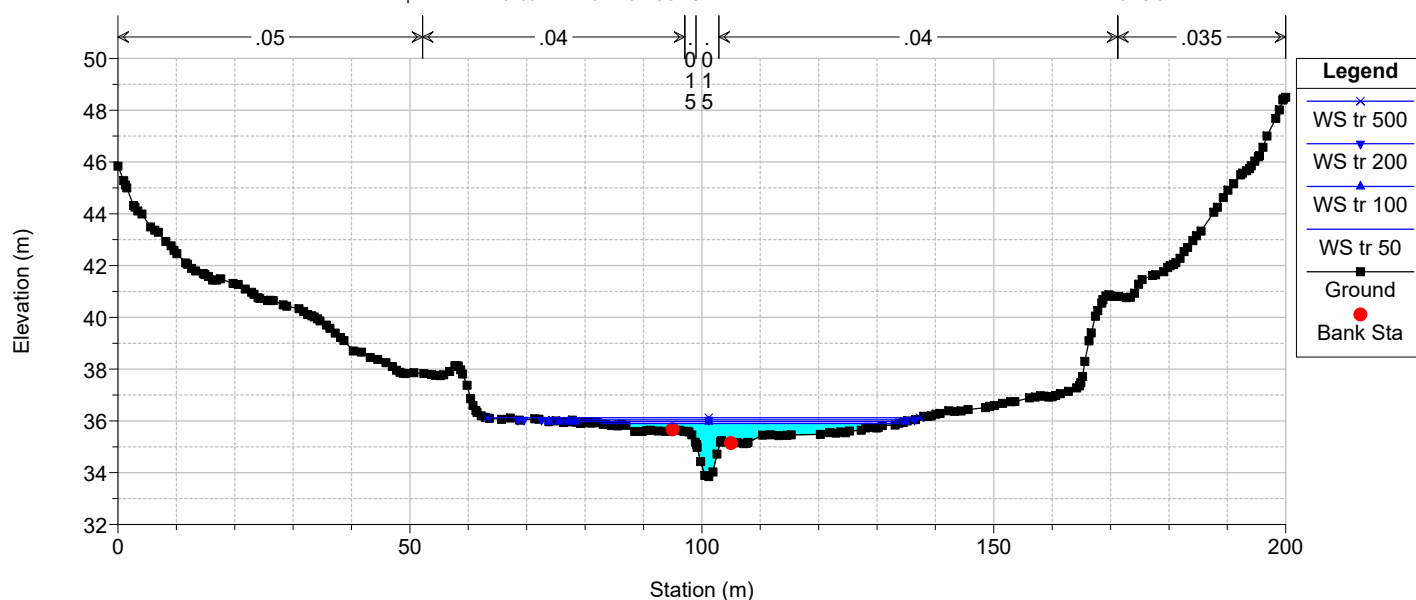
River = Rio Buddi Buddi Reach = Principale RS = 3200.000 SEZIONE 63 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

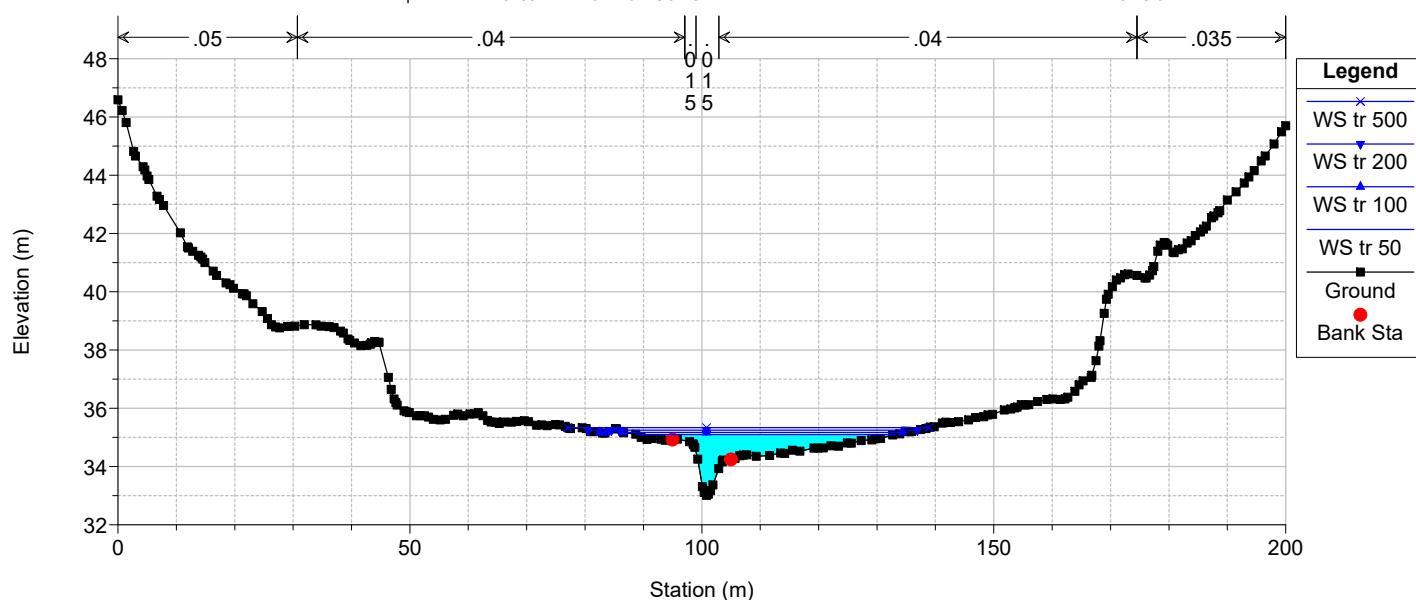
River = Rio Buddi Buddi Reach = Principale RS = 3150 SEZIONE 62 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

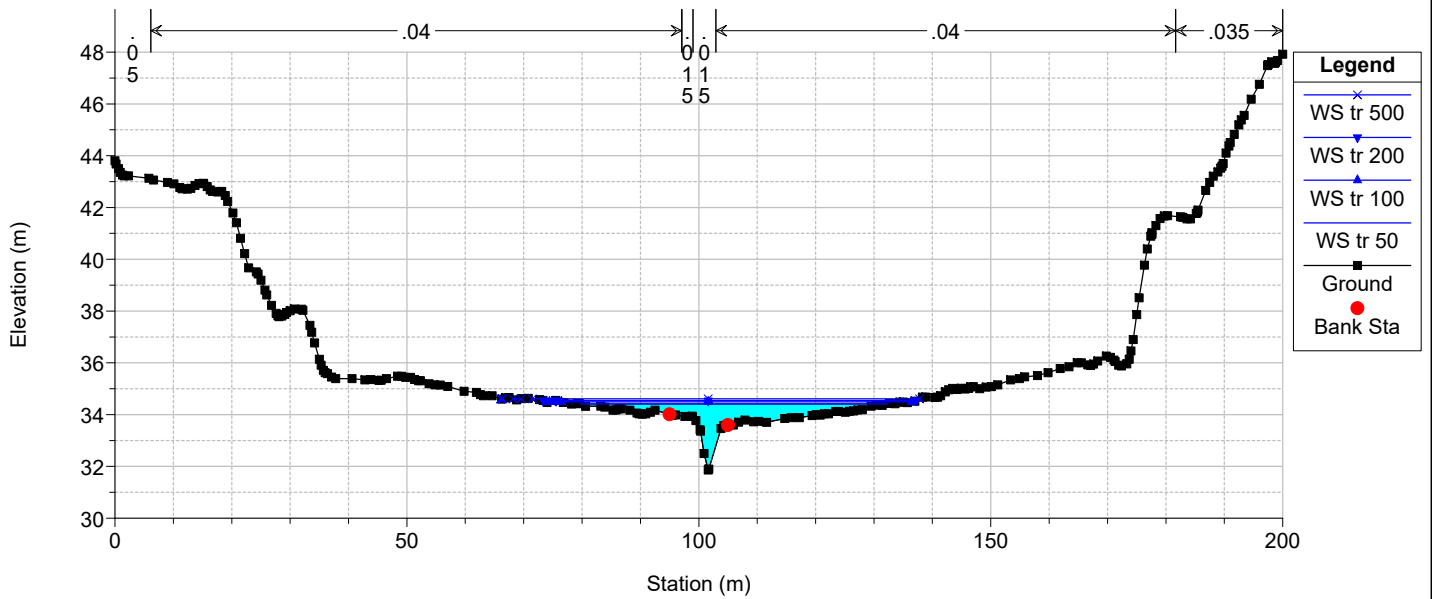
River = Rio Buddi Buddi Reach = Principale RS = 3100 SEZIONE 61 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

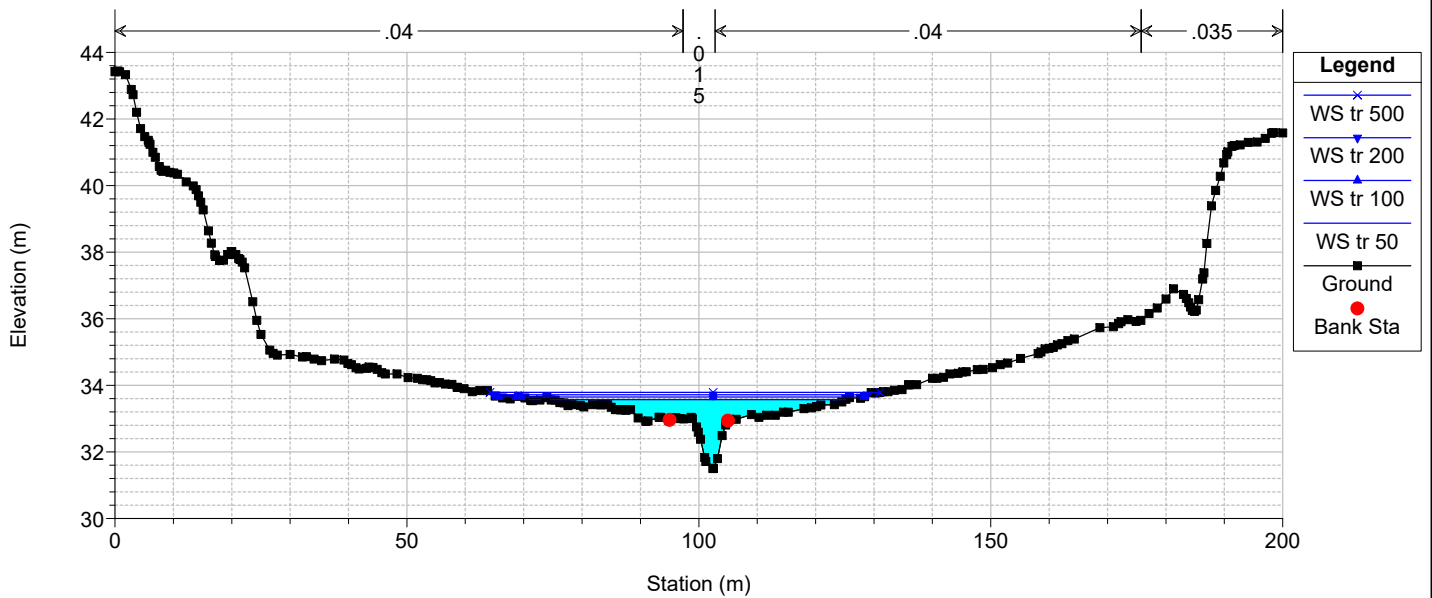
River = Rio Buddi Buddi Reach = Principale RS = 3050 SEZIONE 60 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

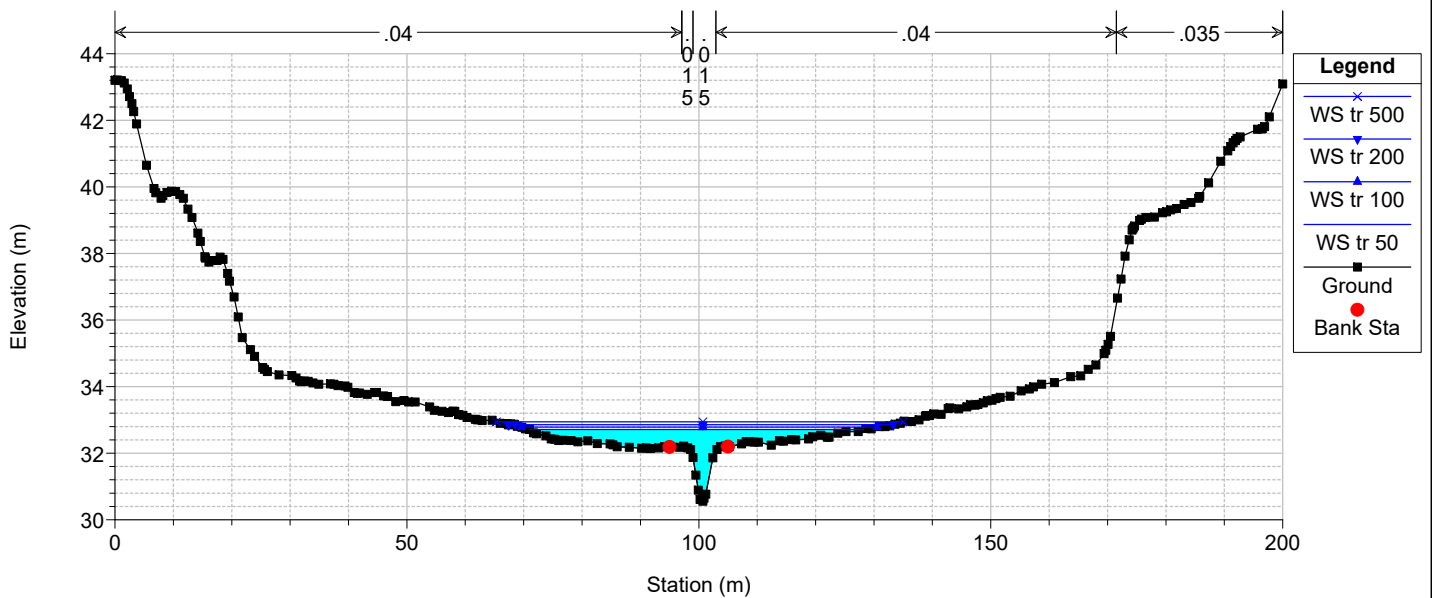
River = Rio Buddi Buddi Reach = Principale RS = 3000 SEZIONE 59 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

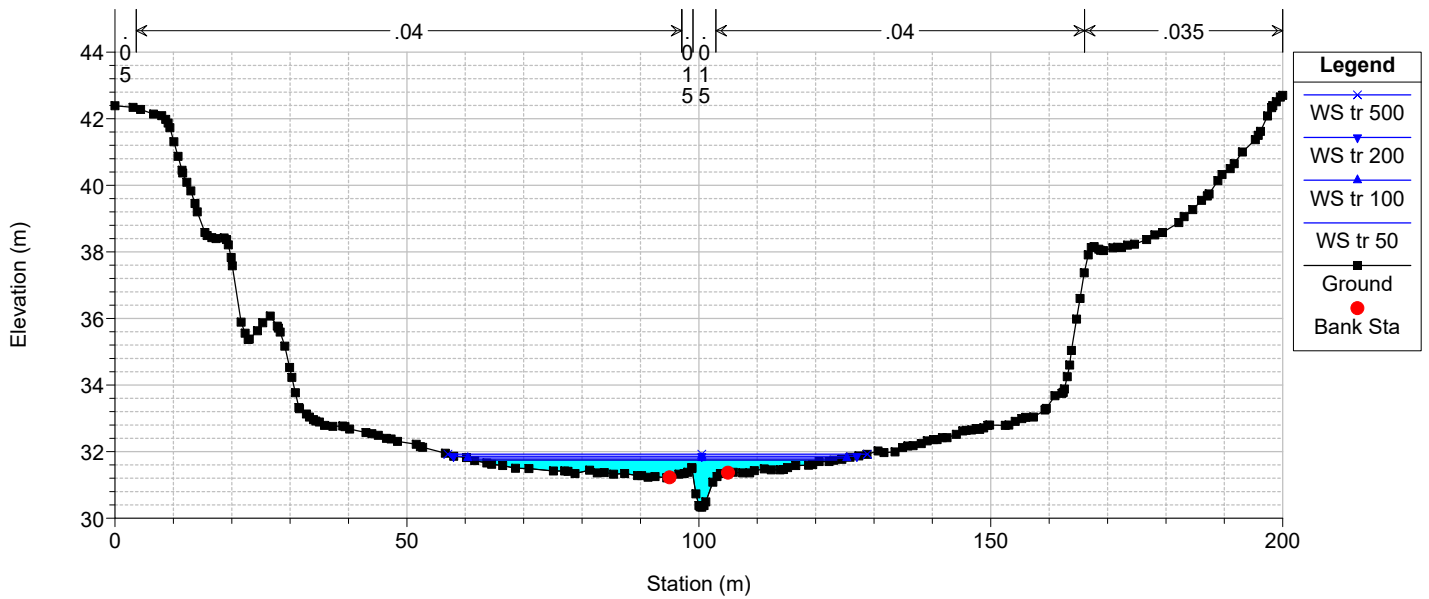
River = Rio Buddi Buddi Reach = Principale RS = 2950 SEZIONE 58 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

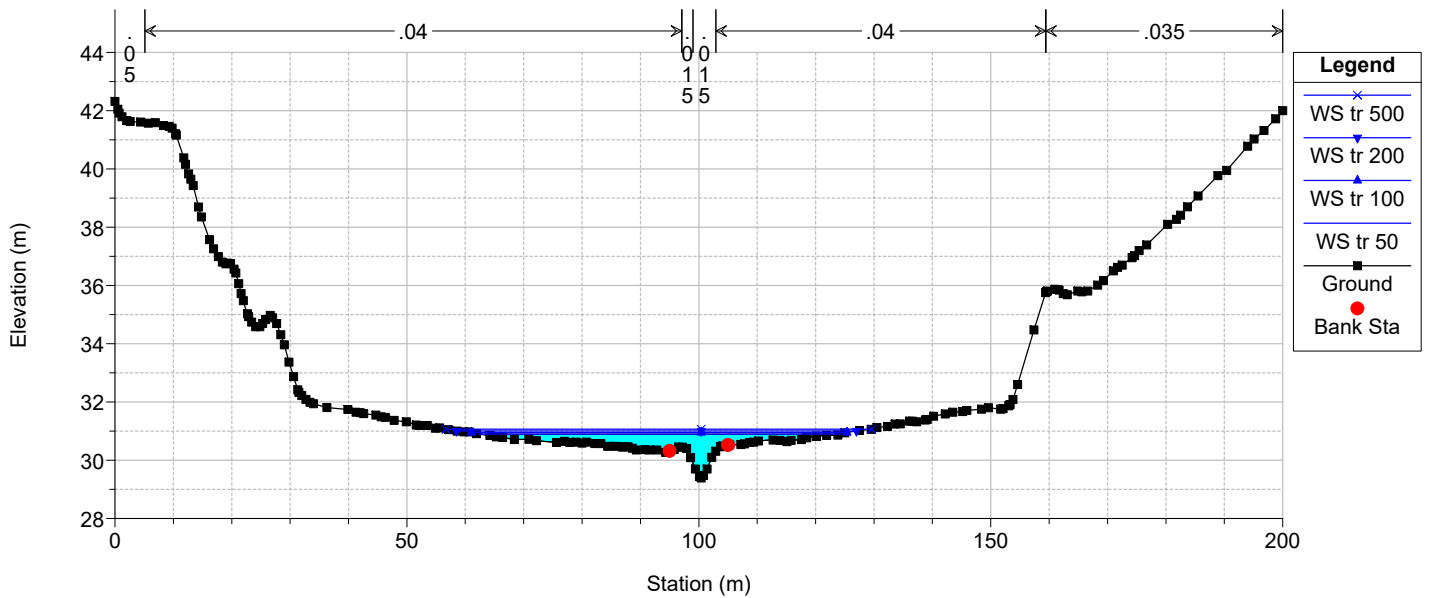
River = Rio Buddi Buddi Reach = Principale RS = 2900 SEZIONE 57 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

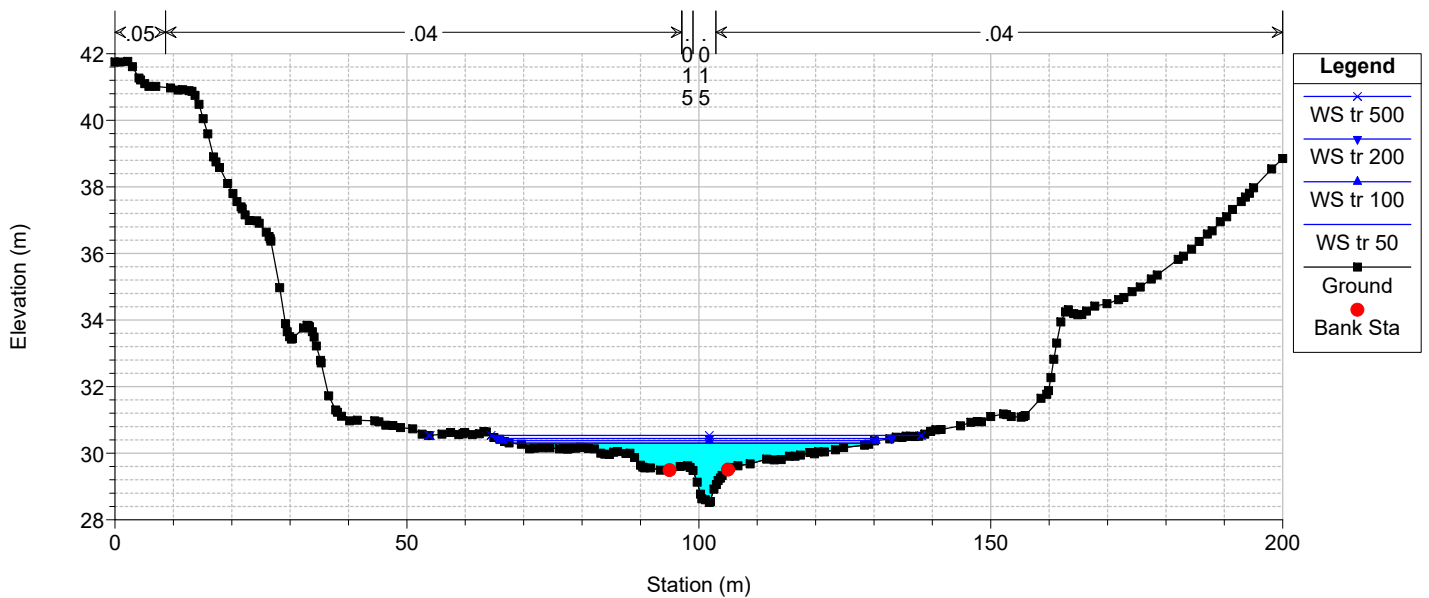
River = Rio Buddi Buddi Reach = Principale RS = 2850 SEZIONE 56 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

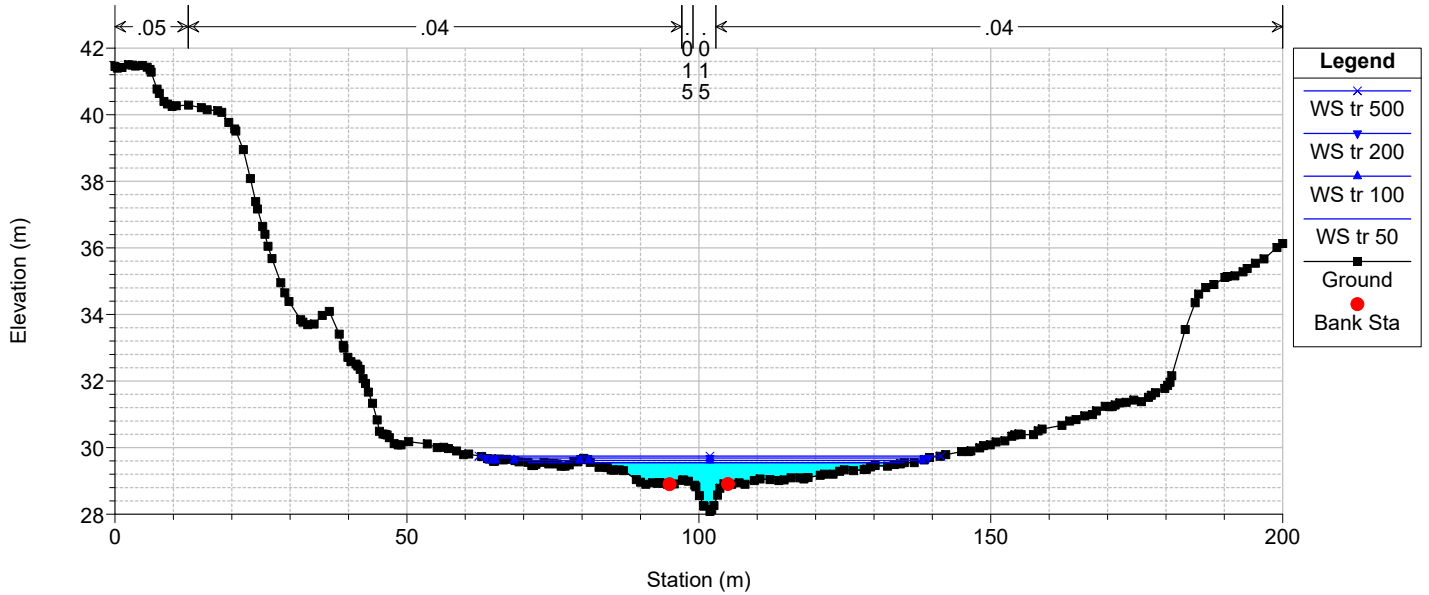
River = Rio Buddi Buddi Reach = Principale RS = 2800 SEZIONE 55 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

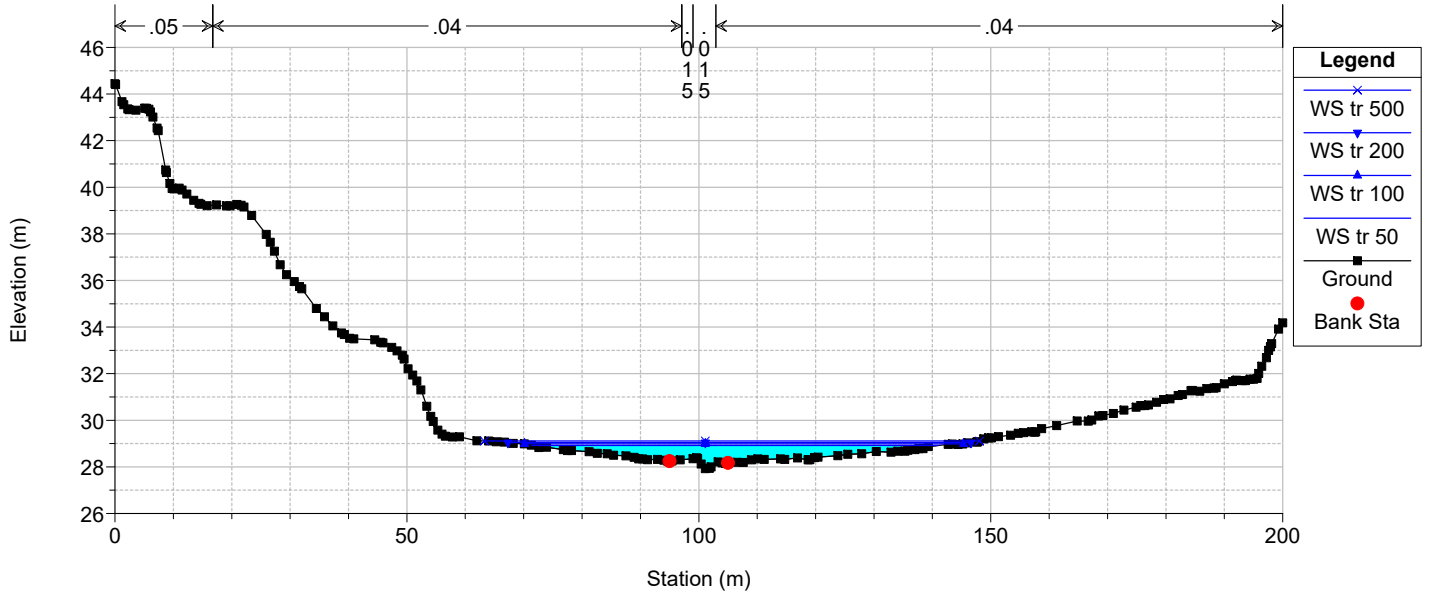
River = Rio Buddi Buddi Reach = Principale RS = 2750 SEZIONE 54 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

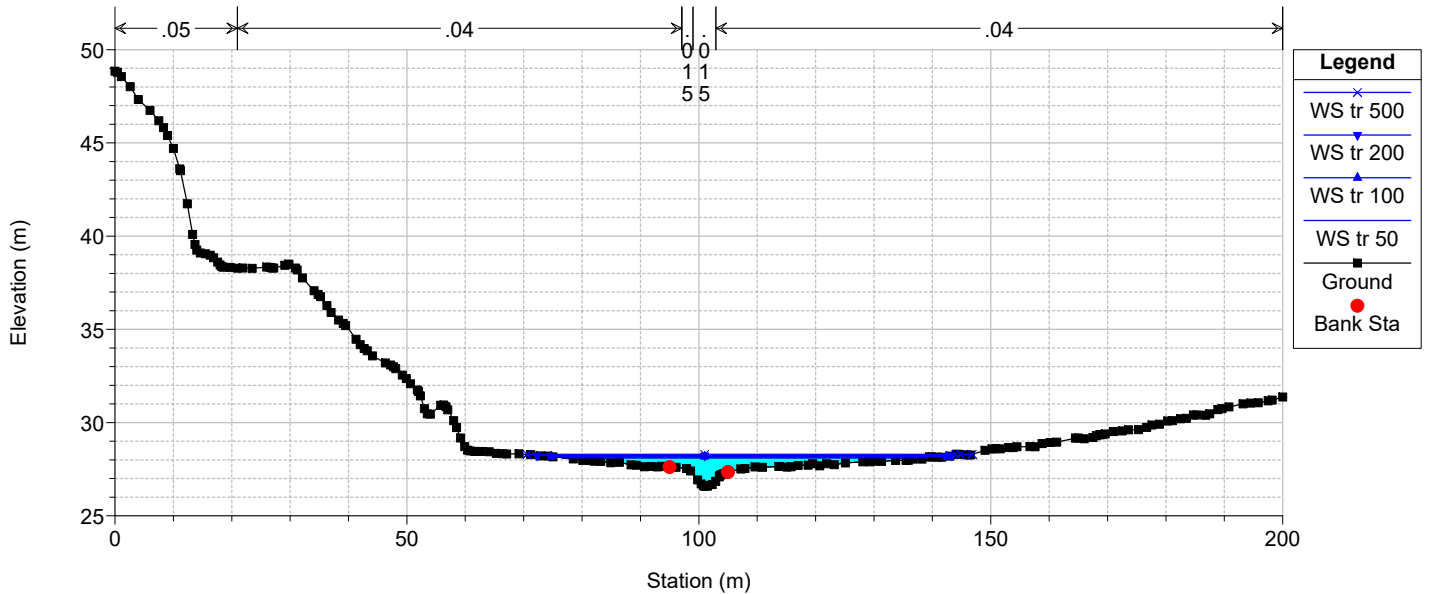
River = Rio Buddi Buddi Reach = Principale RS = 2700 SEZIONE 53 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

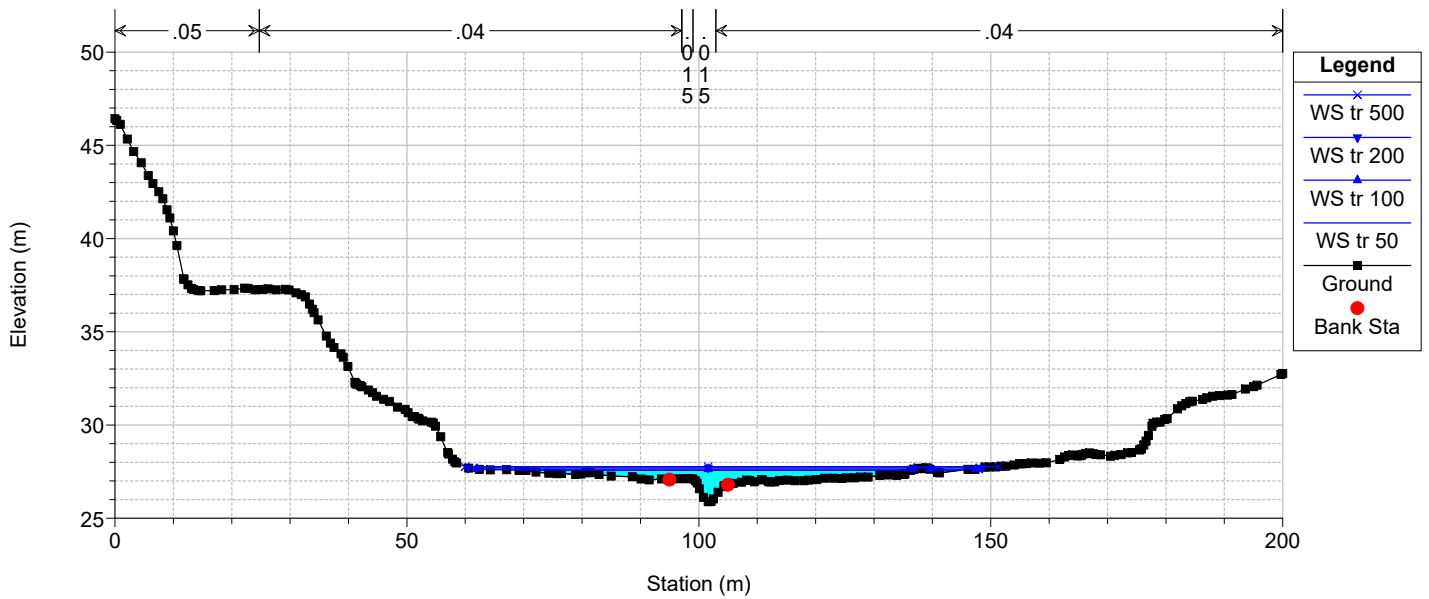
River = Rio Buddi Buddi Reach = Principale RS = 2650 SEZIONE 52 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

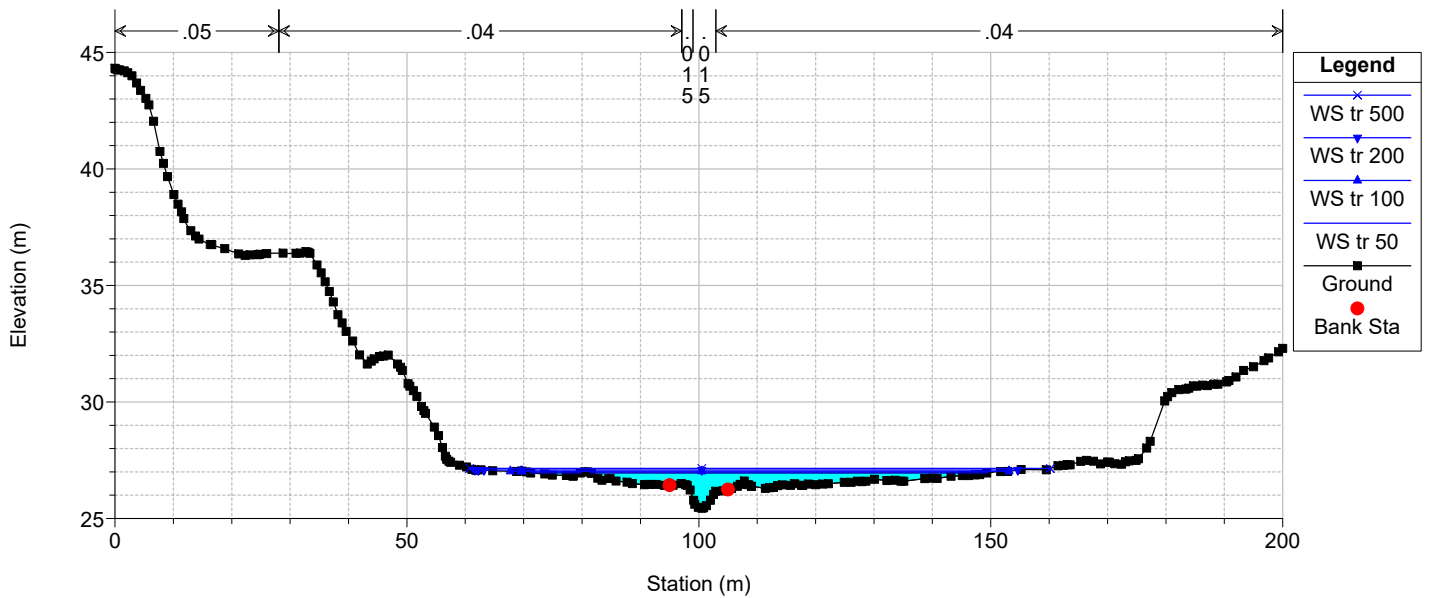
River = Rio Buddi Buddi Reach = Principale RS = 2600 SEZIONE 51 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

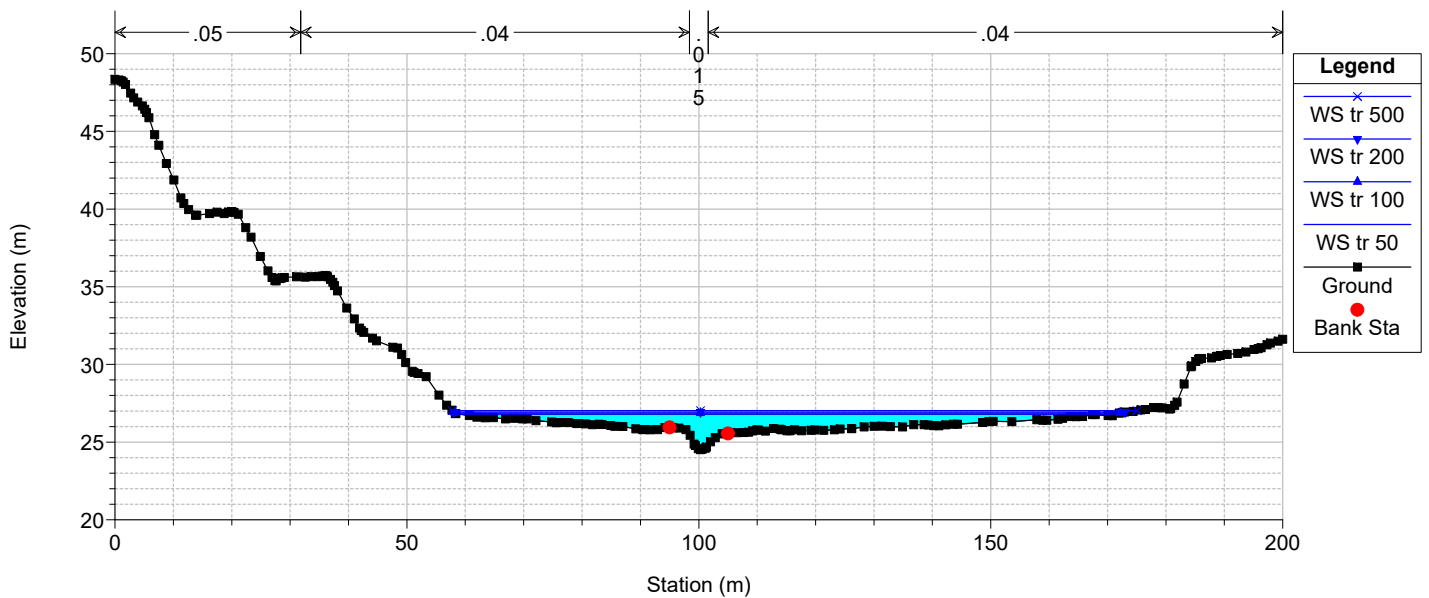
River = Rio Buddi Buddi Reach = Principale RS = 2550 SEZIONE 50 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

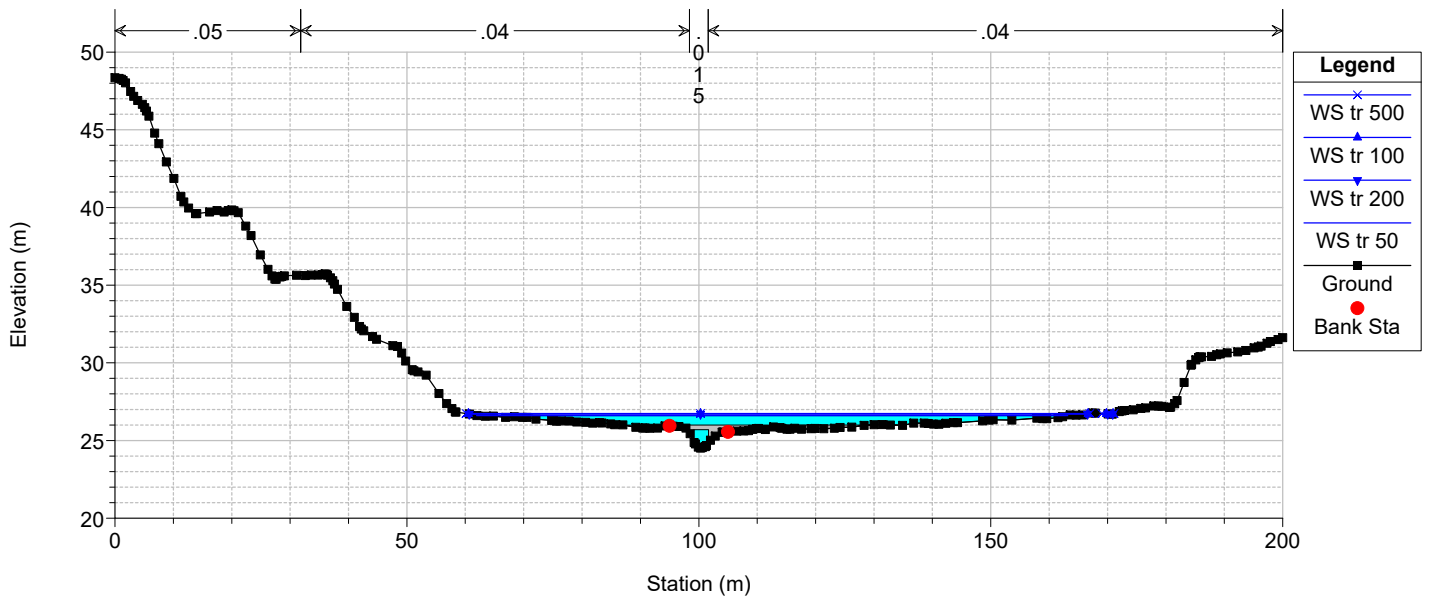
River = Rio Buddi Buddi Reach = Principale RS = 2500 SEZIONE 49 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

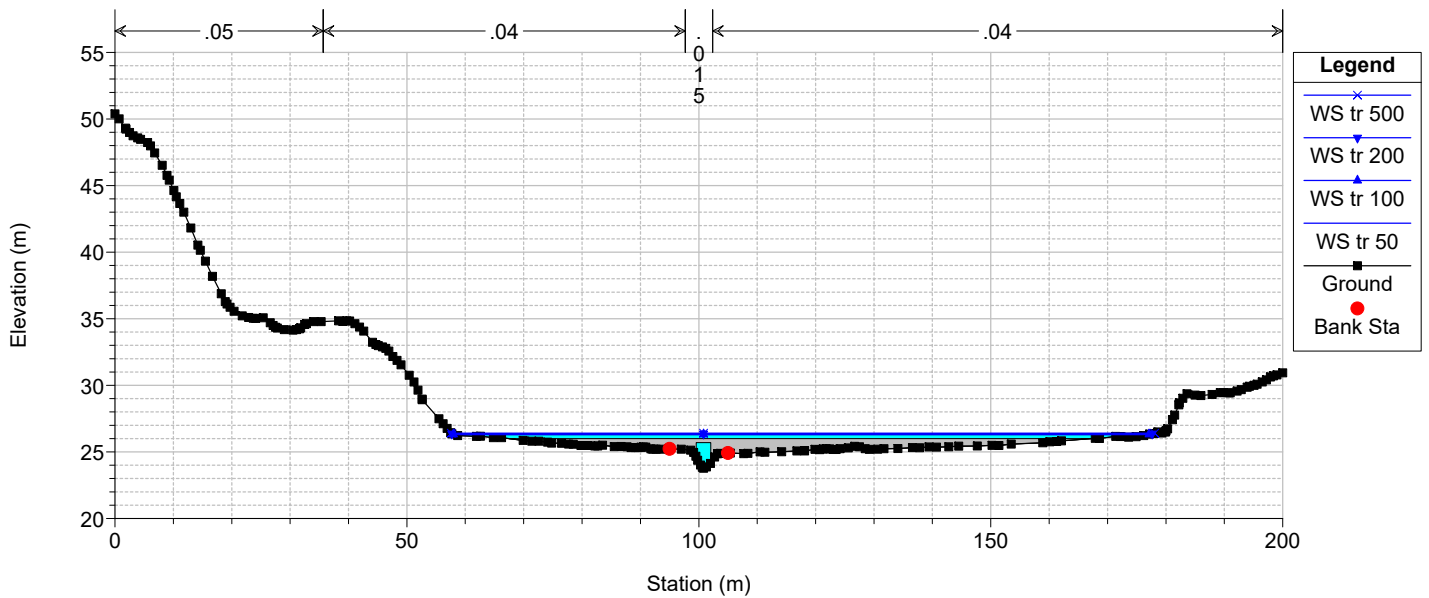
River = Rio Buddi Buddi Reach = Principale RS = 2492.879 BR ATTRAVERSAMENTO 4 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

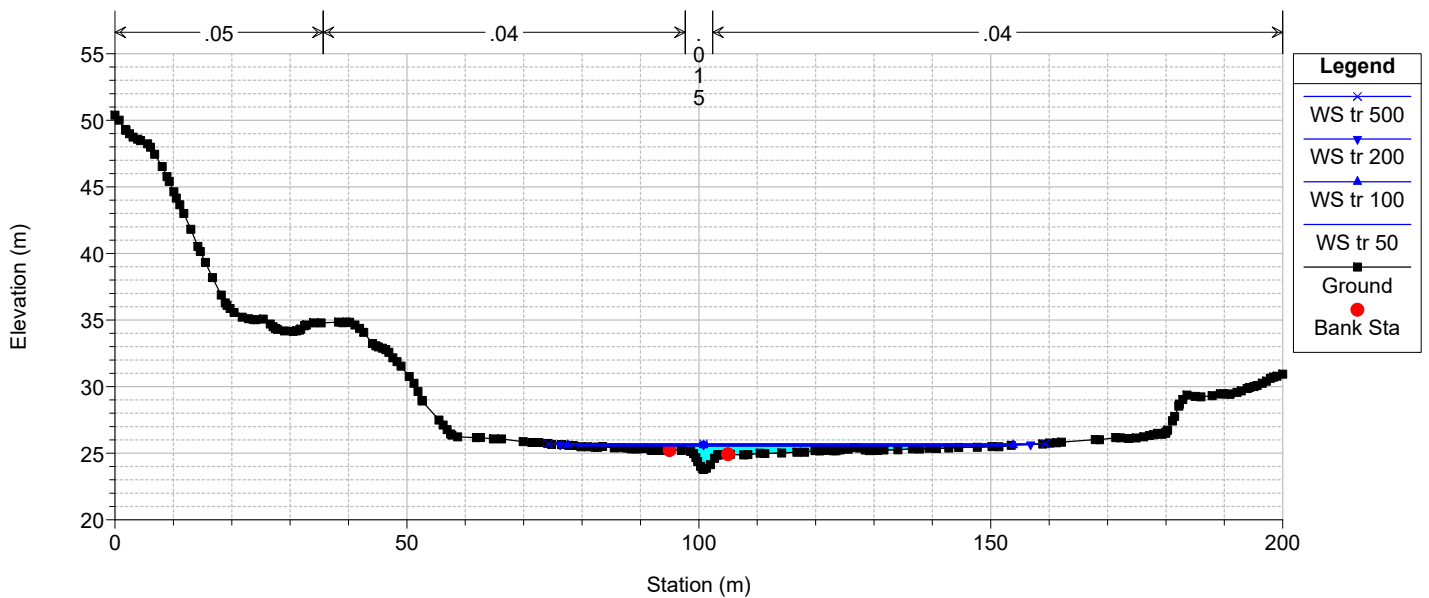
River = Rio Buddi Buddi Reach = Principale RS = 2492.879 BR ATTRAVERSAMENTO 4 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

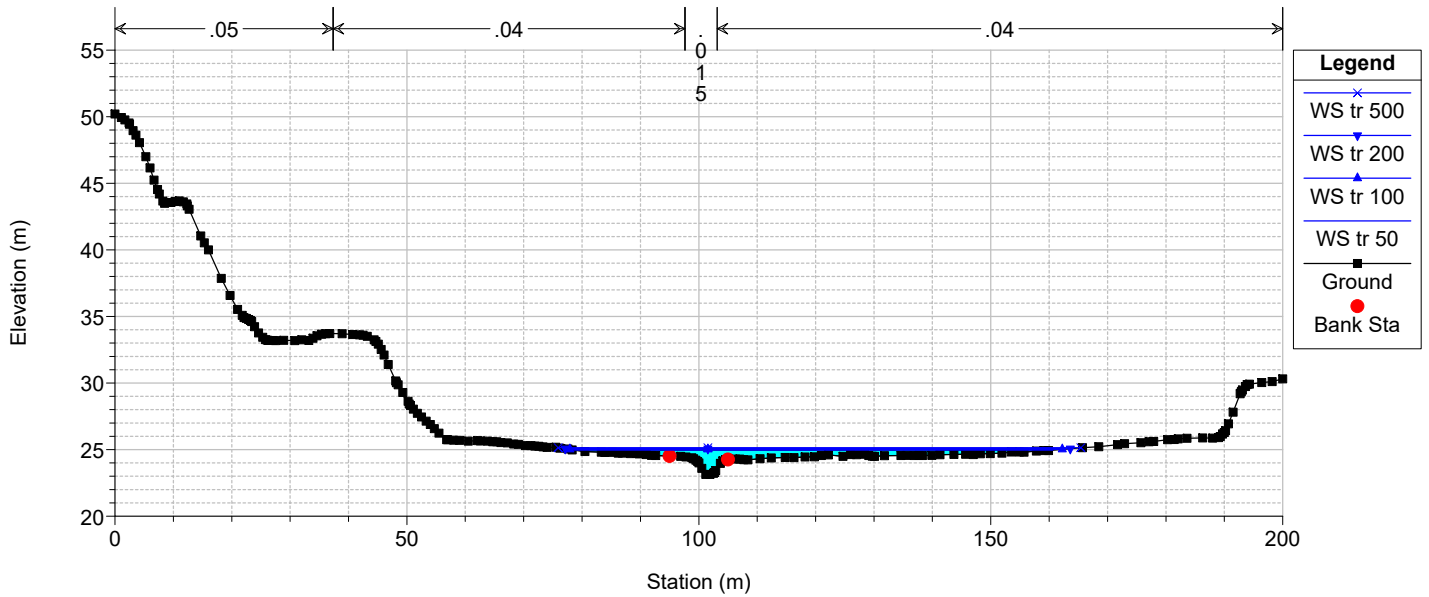
River = Rio Buddi Buddi Reach = Principale RS = 2450 SEZIONE 48 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

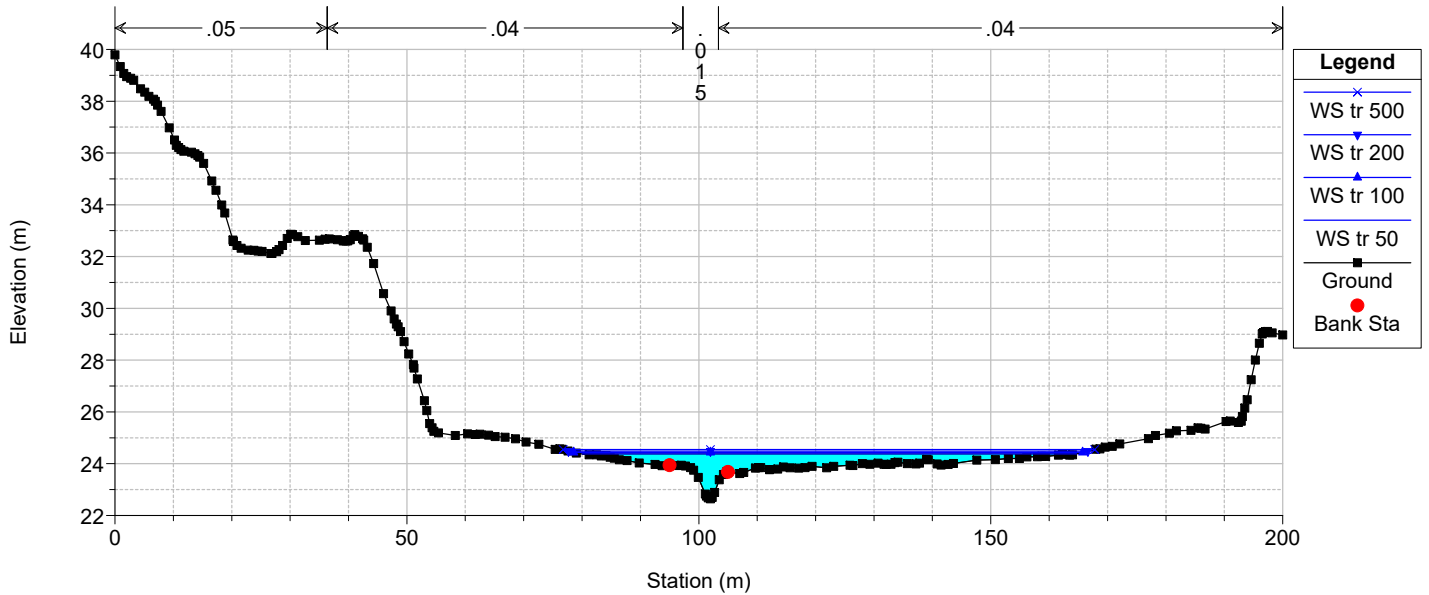
River = Rio Buddi Buddi Reach = Principale RS = 2400 SEZIONE 47 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

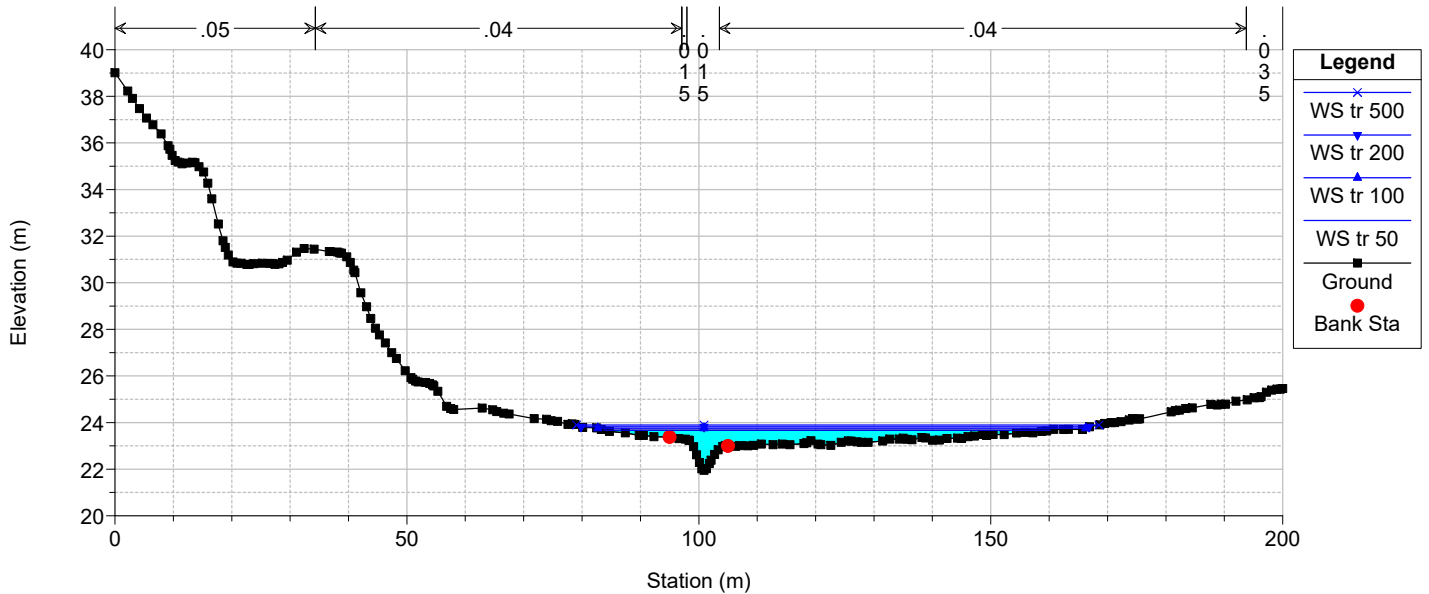
River = Rio Buddi Buddi Reach = Principale RS = 2350 SEZIONE 46 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

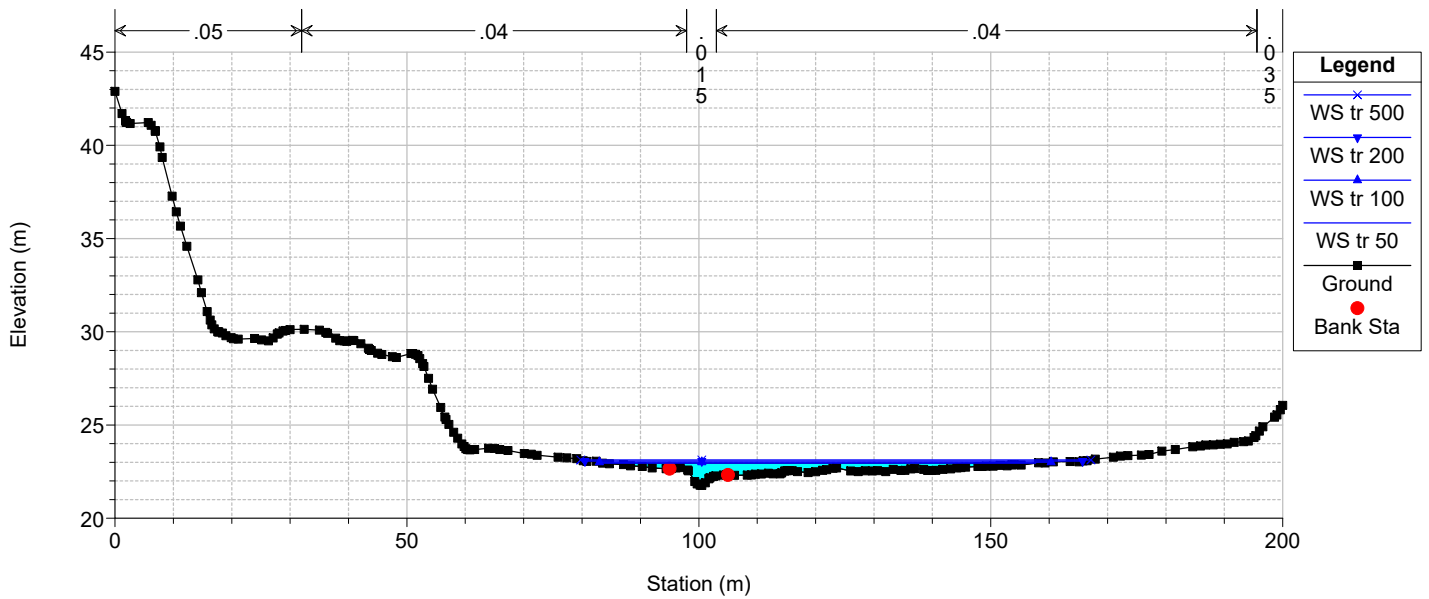
River = Rio Buddi Buddi Reach = Principale RS = 2300 SEZIONE 45 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

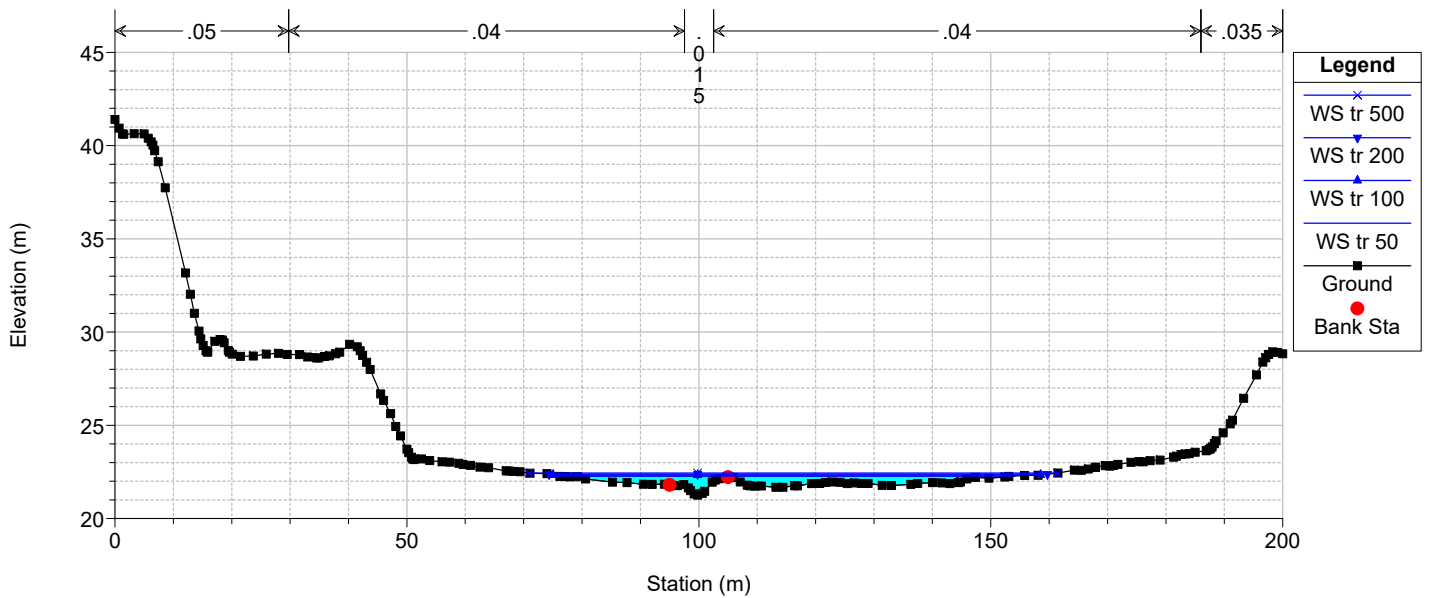
River = Rio Buddi Buddi Reach = Principale RS = 2250 SEZIONE 44 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

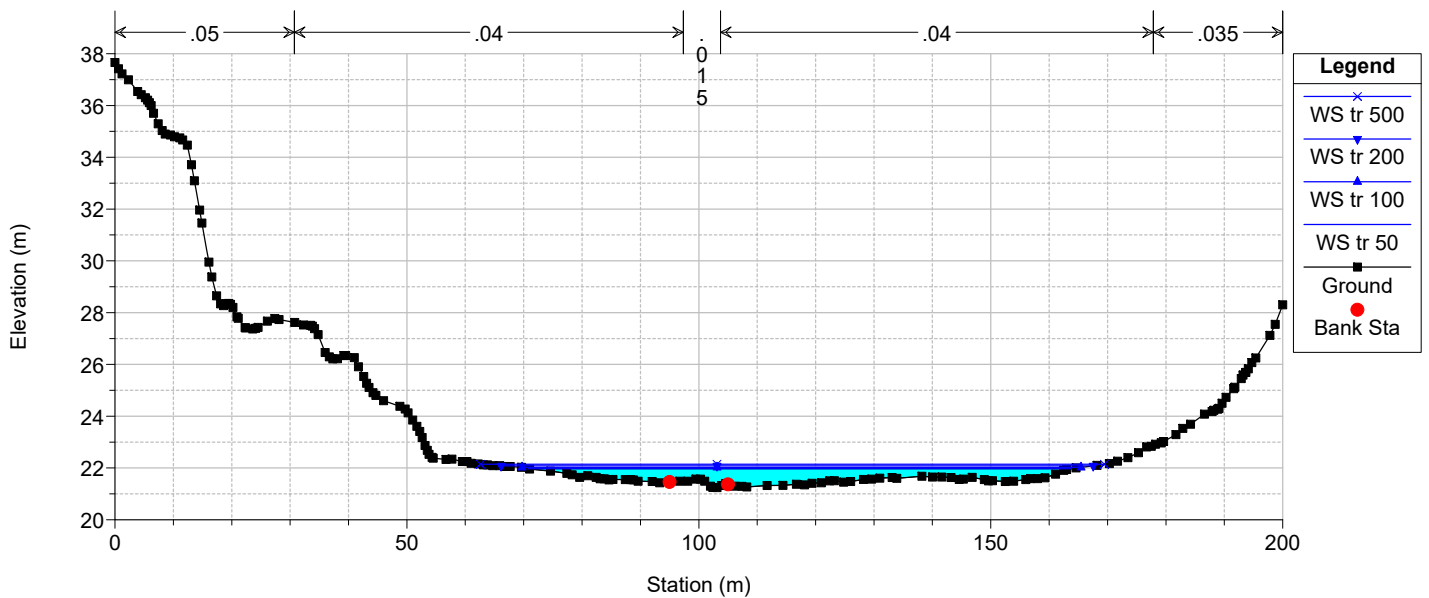
River = Rio Buddi Buddi Reach = Principale RS = 2200 SEZIONE 43 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

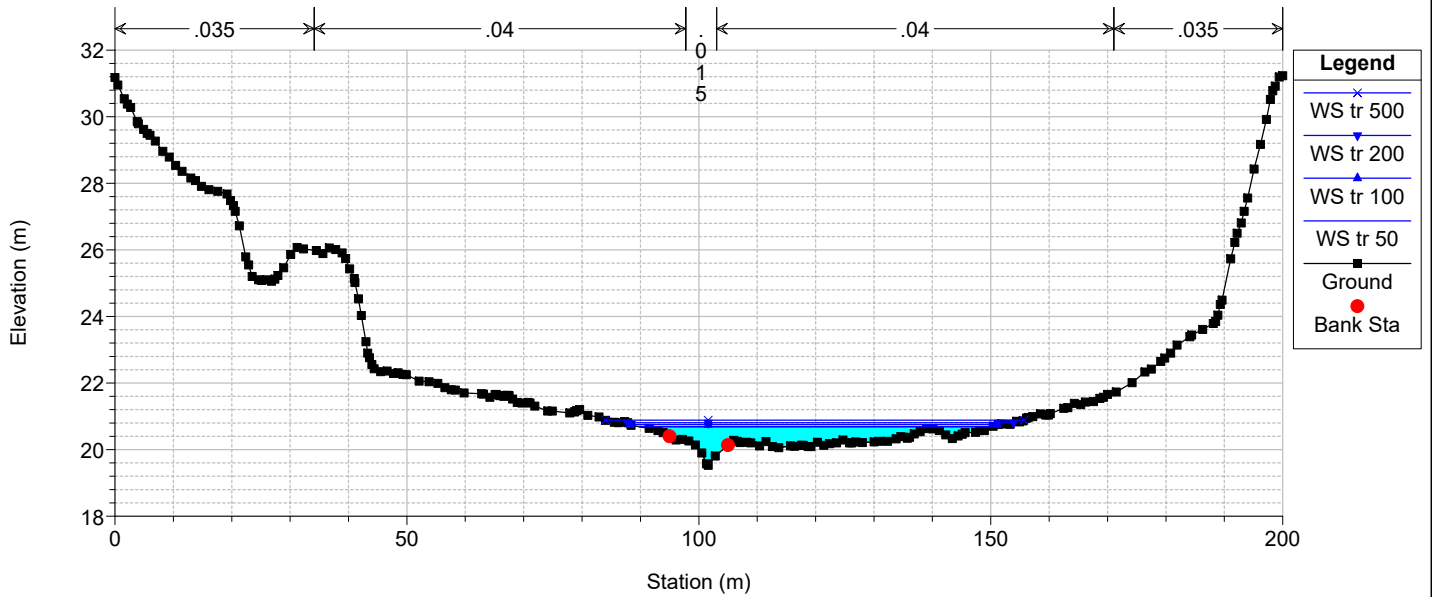
River = Rio Buddi Buddi Reach = Principale RS = 2150 SEZIONE 42 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

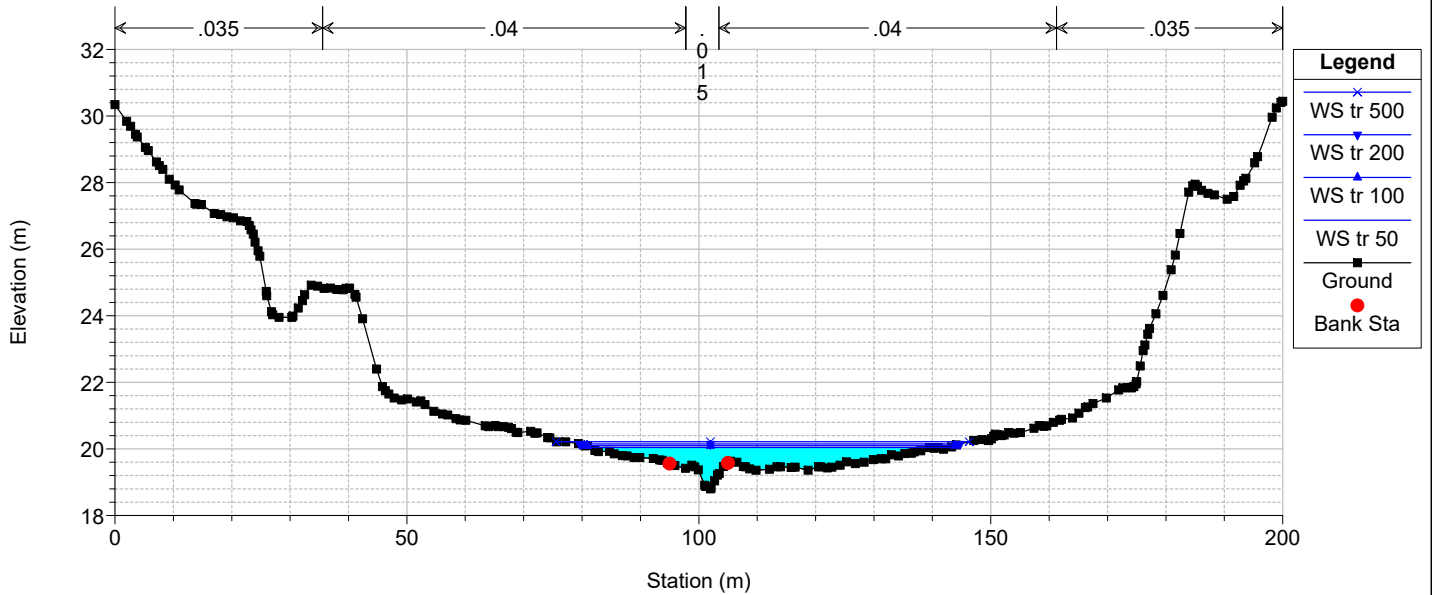
River = Rio Buddi Buddi Reach = Principale RS = 2100 SEZIONE 41 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

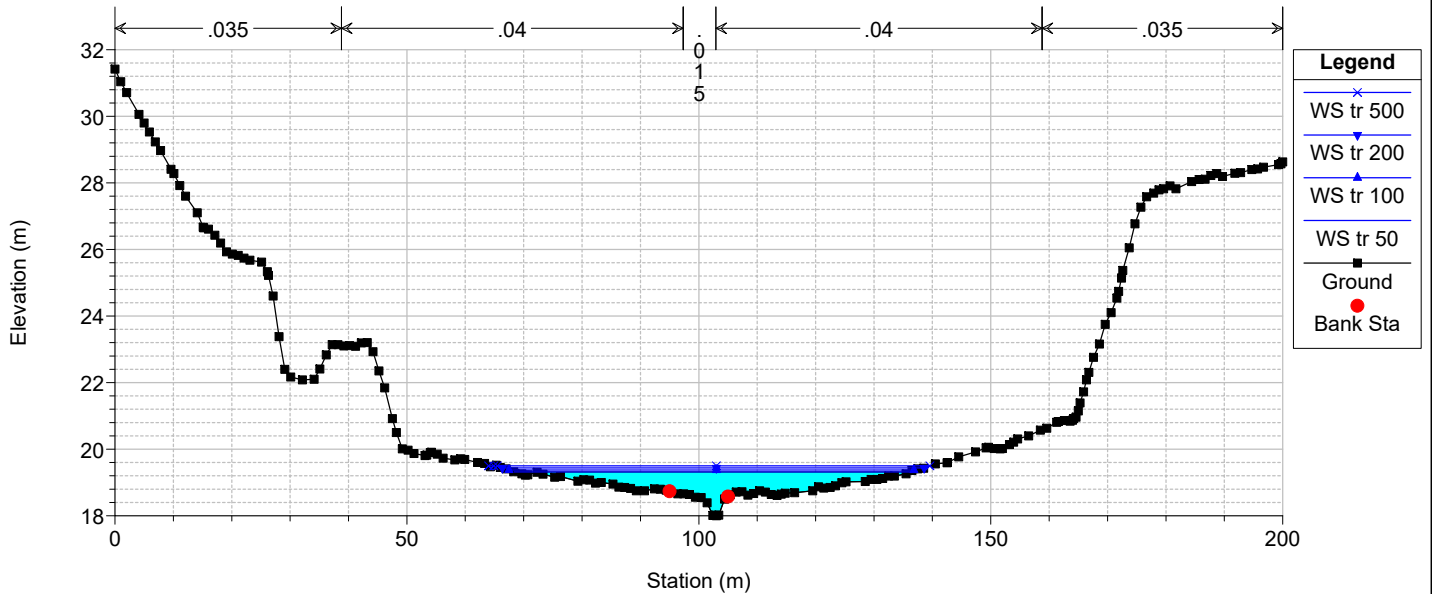
River = Rio Buddi Buddi Reach = Principale RS = 2050 SEZIONE 40 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

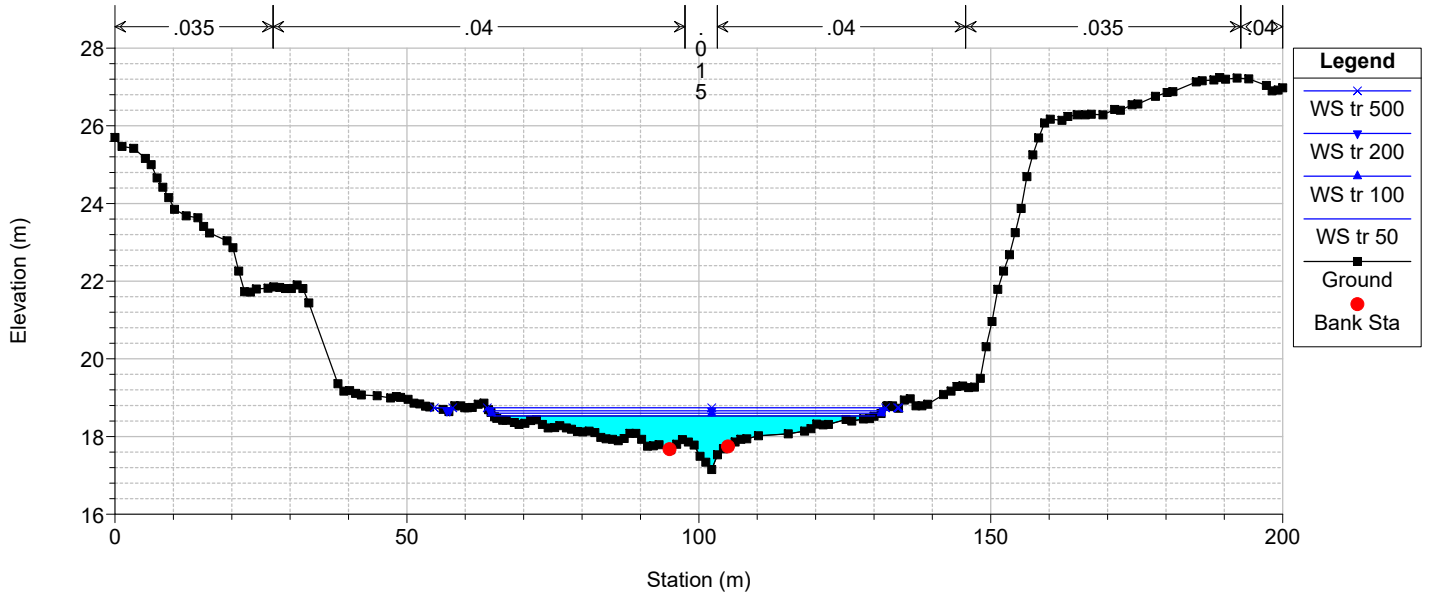
River = Rio Buddi Buddi Reach = Principale RS = 2000.000 SEZIONE 39 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

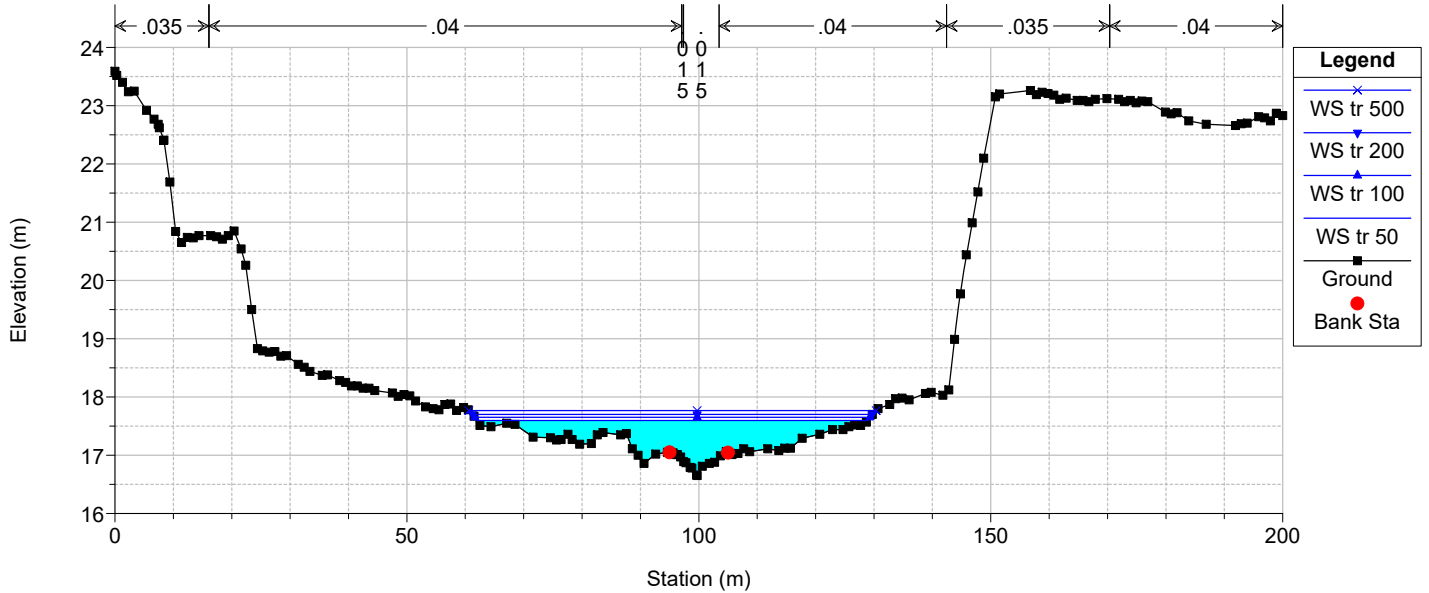
River = Rio Buddi Buddi Reach = Principale RS = 1950.000 SEZIONE 38 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

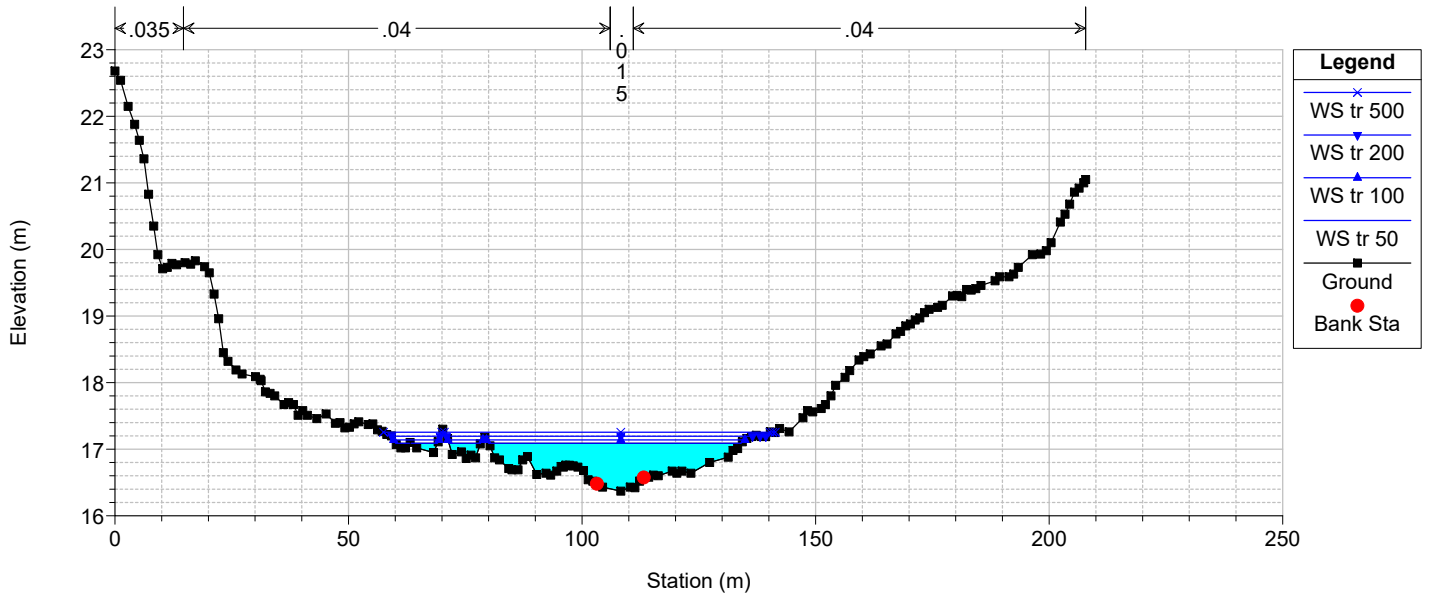
River = Rio Buddi Buddi Reach = Principale RS = 1900.000 SEZIONE 37 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

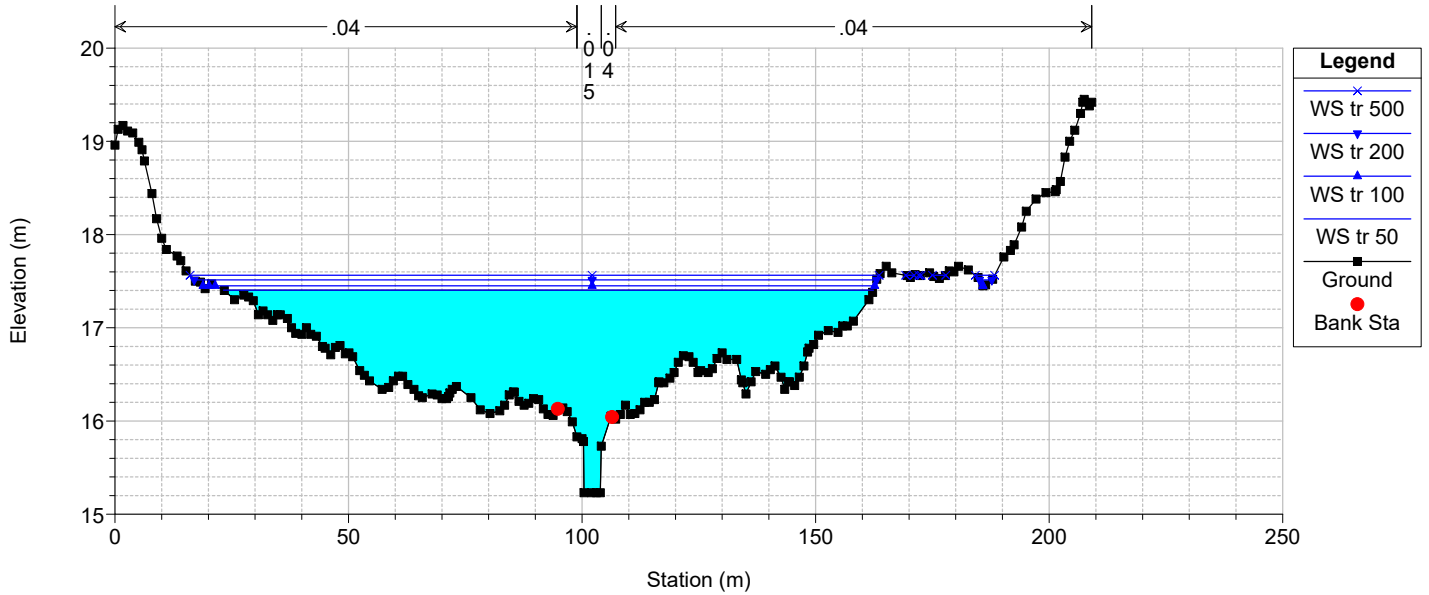
River = Rio Buddi Buddi Reach = Principale RS = 1865.661 SEZIONE 36 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

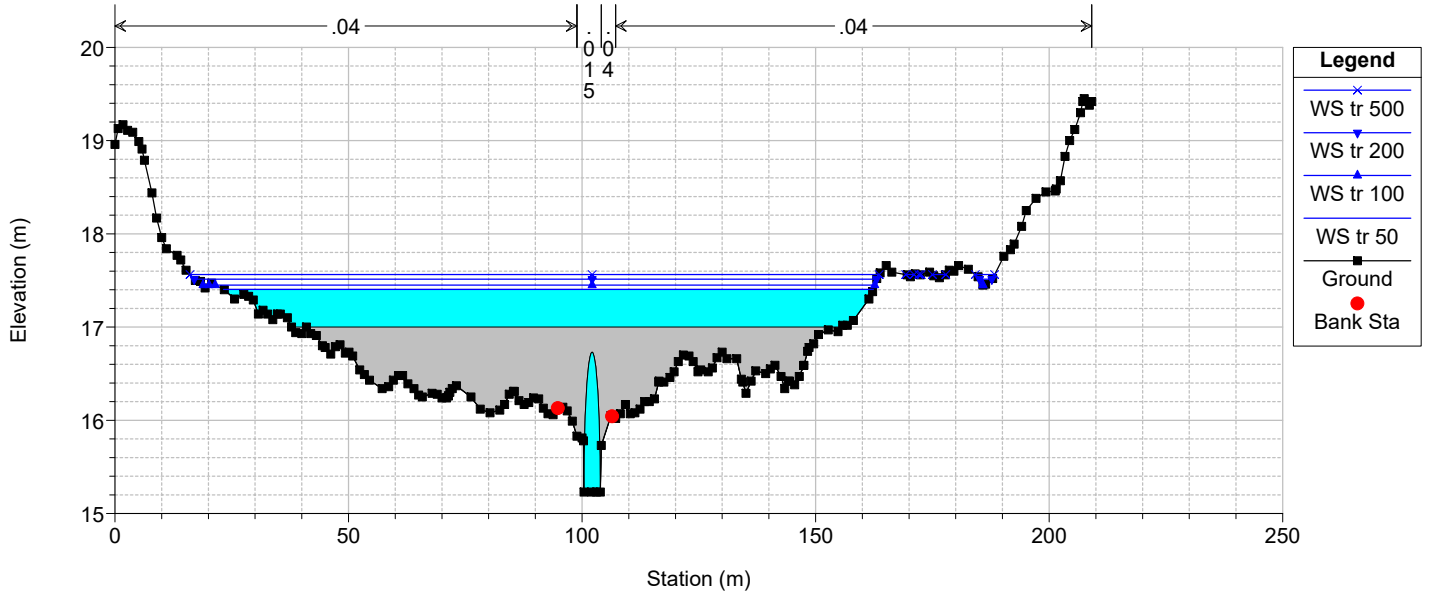
River = Rio Buddi Buddi Reach = Principale RS = 1818.186 SEZIONE 35 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

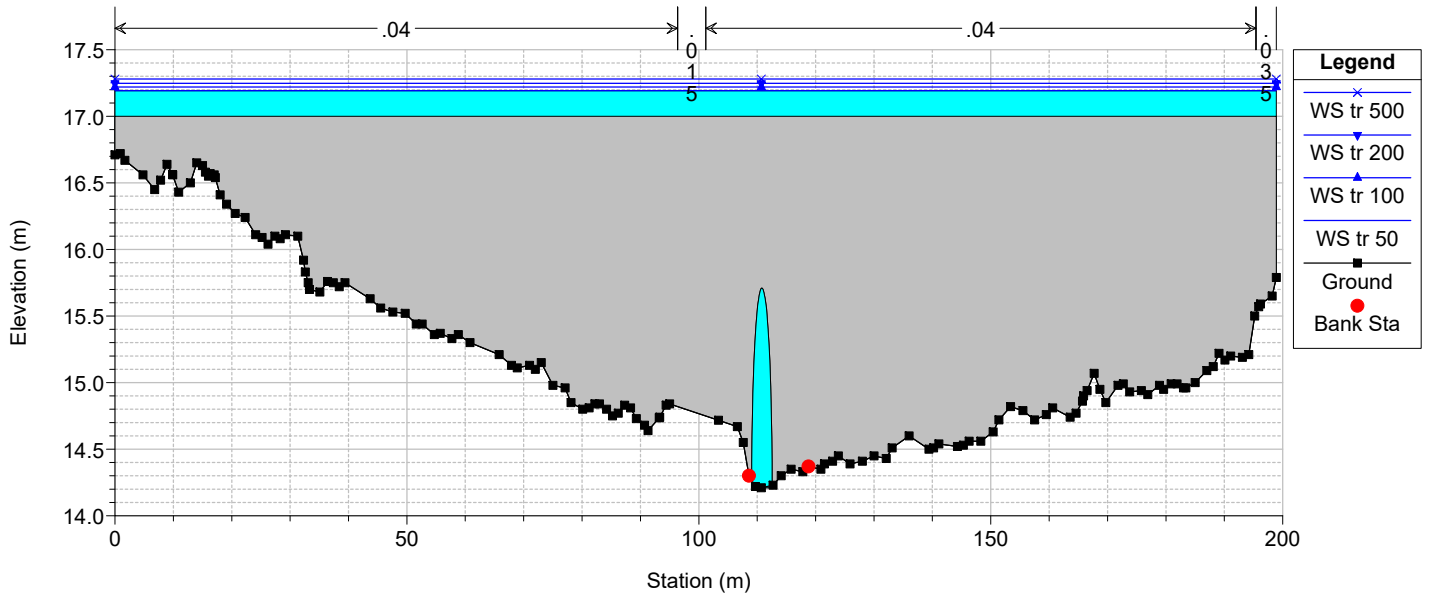
River = Rio Buddi Buddi Reach = Principale RS = 1794.506 Culv ATTRAVERSAMENTO 3 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

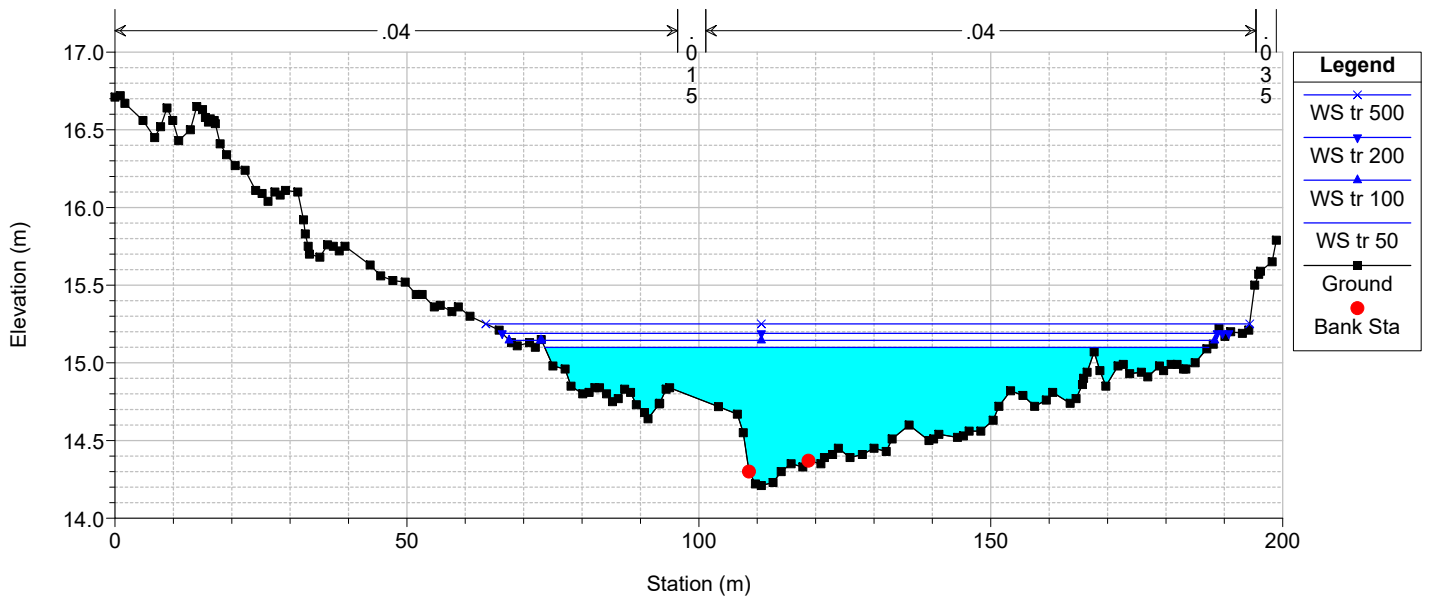
River = Rio Buddi Buddi Reach = Principale RS = 1794.506 Culv ATTRAVERSAMENTO 3 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

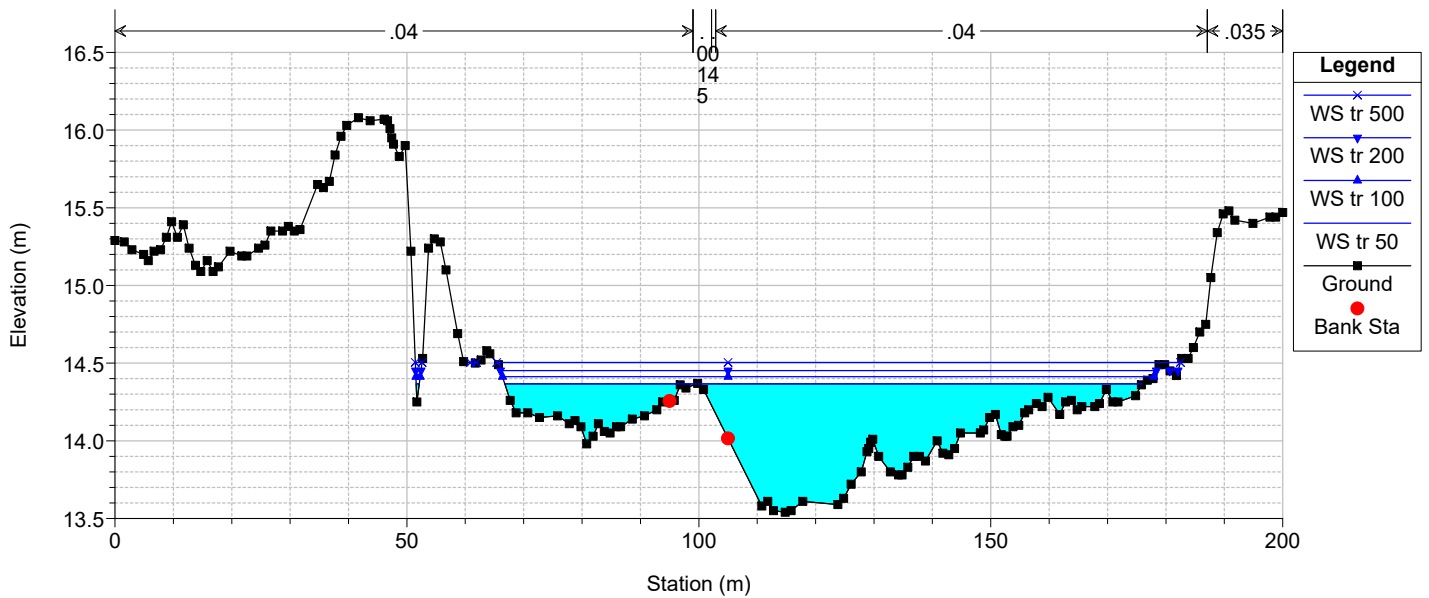
River = Rio Buddi Buddi Reach = Principale RS = 1756.530 SEZIONE 34 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

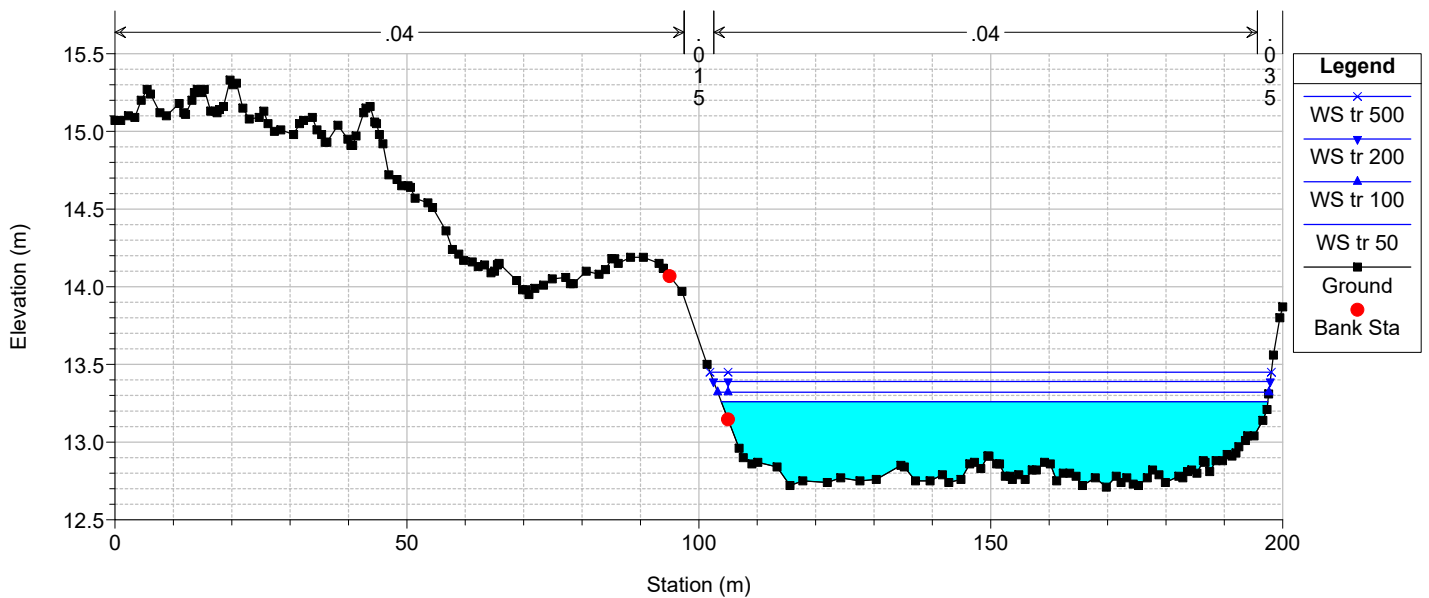
River = Rio Buddi Buddi Reach = Principale RS = 1700.000 SEZIONE 33 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

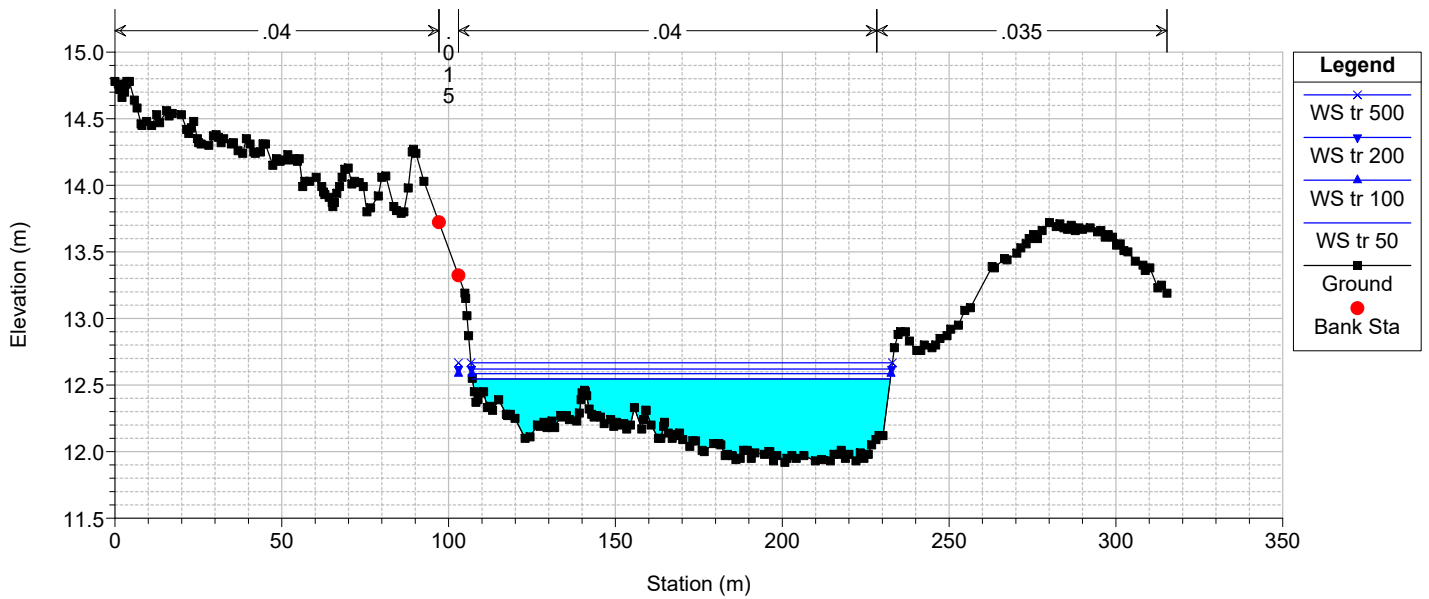
River = Rio Buddi Buddi Reach = Principale RS = 1650.000 SEZIONE 32 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

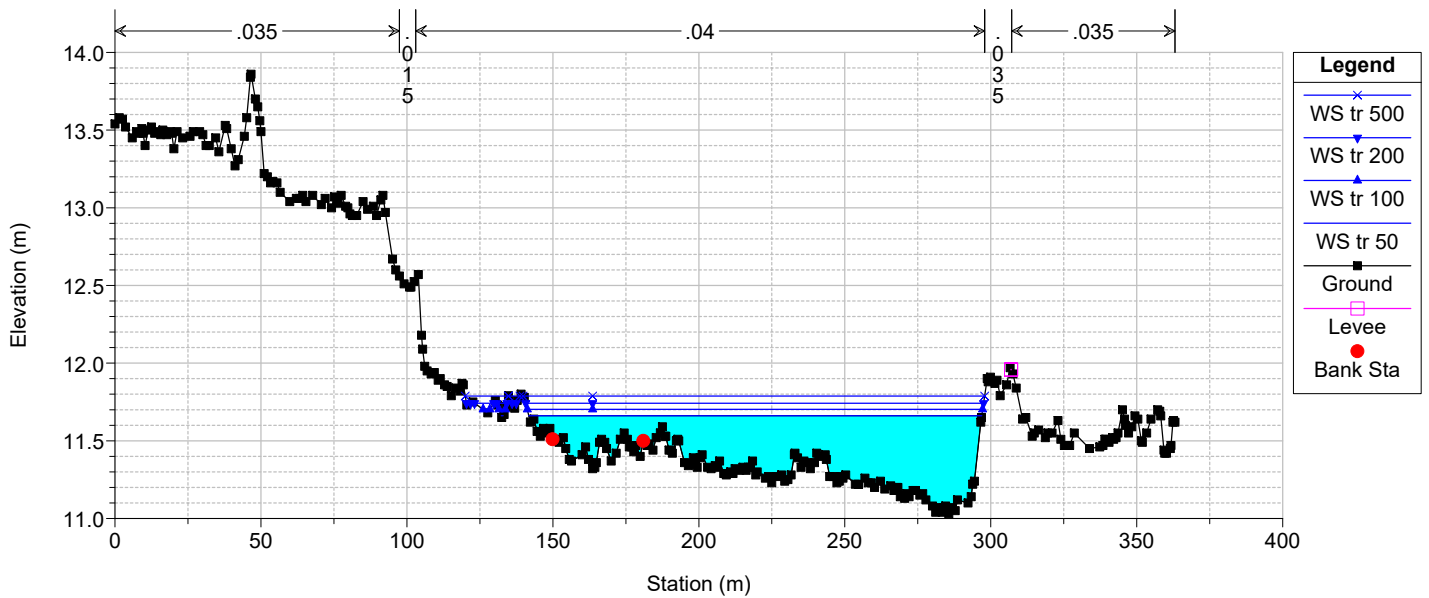
River = Rio Buddi Buddi Reach = Principale RS = 1601.976 SEZIONE 31 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

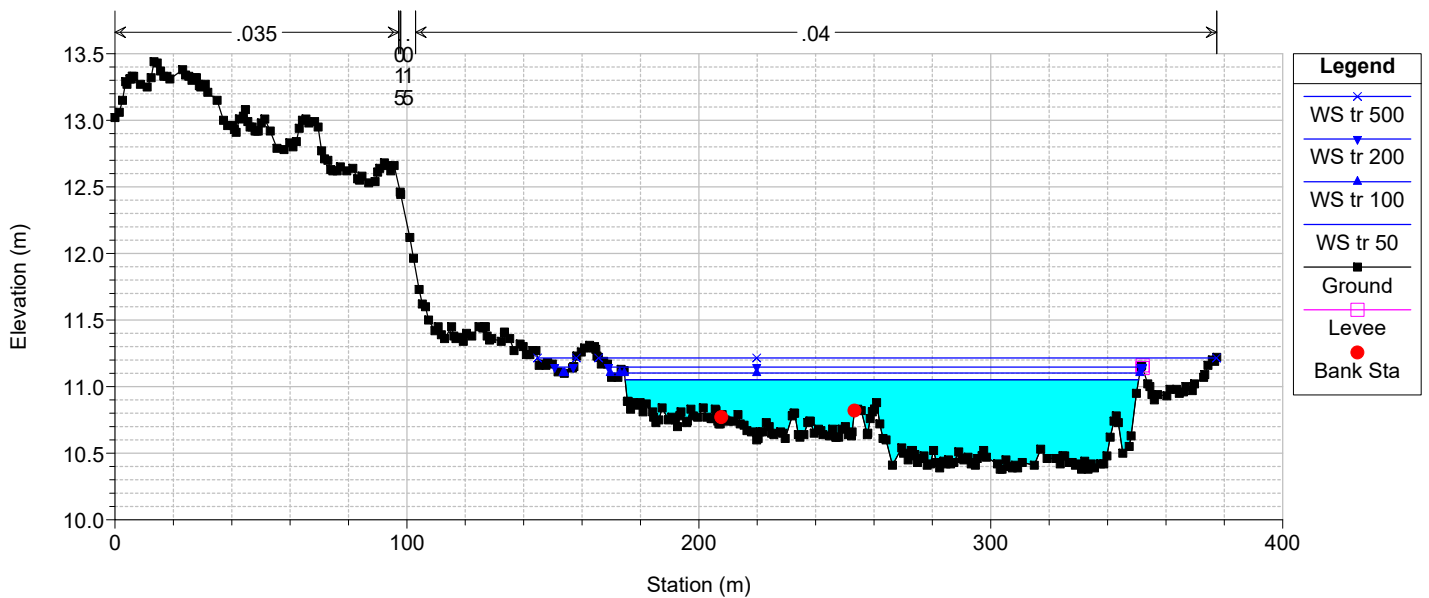
River = Rio Buddi Buddi Reach = Principale RS = 1549.978 SEZIONE 30 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

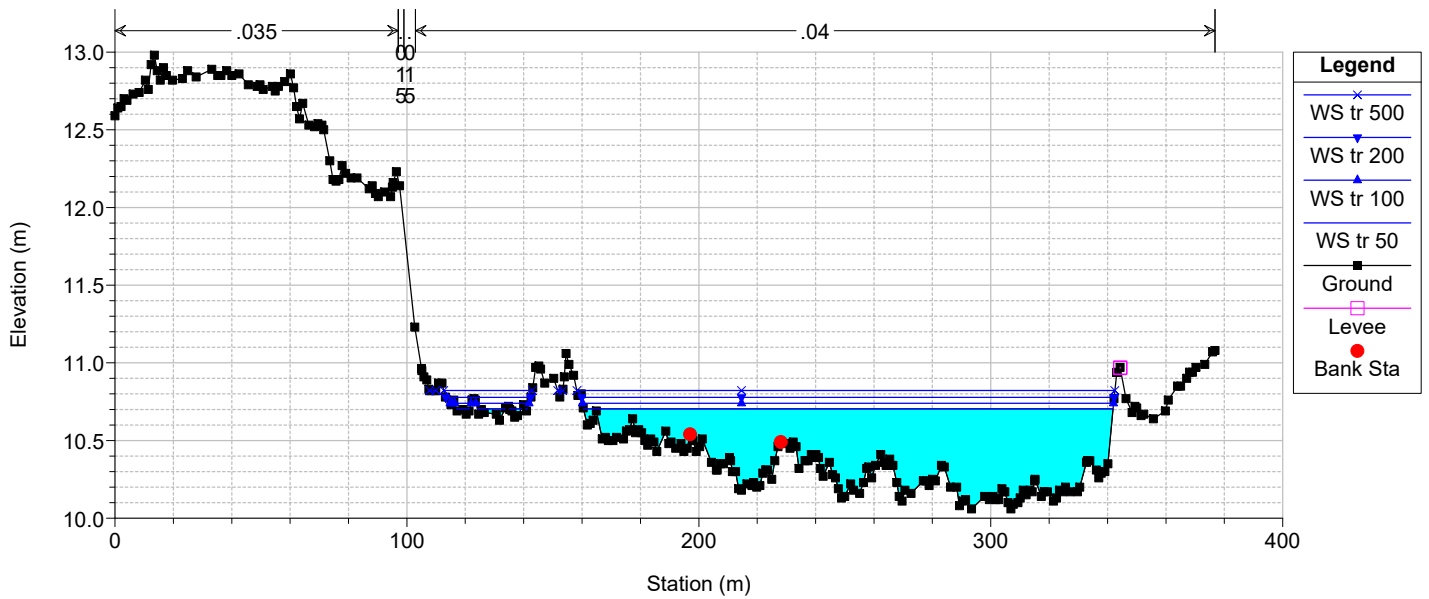
River = Rio Buddi Buddi Reach = Principale RS = 1499.545 SEZIONE 29 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

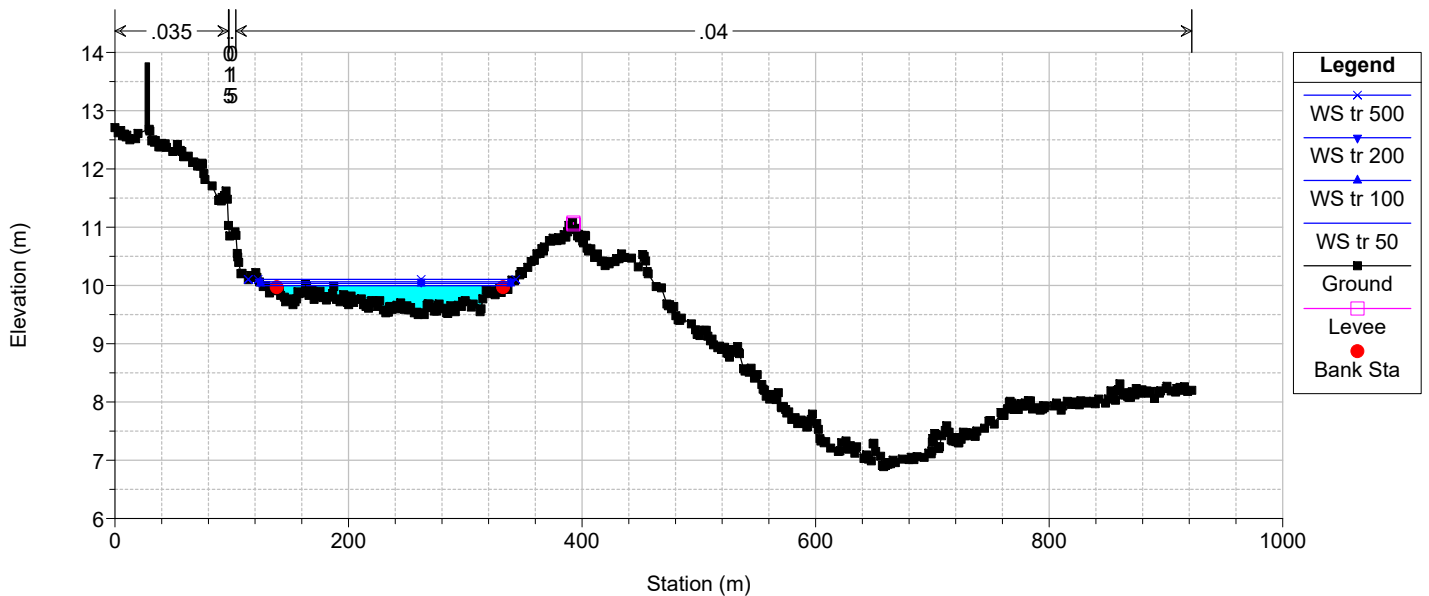
River = Rio Buddi Buddi Reach = Principale RS = 1450.259 SEZIONE 28 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

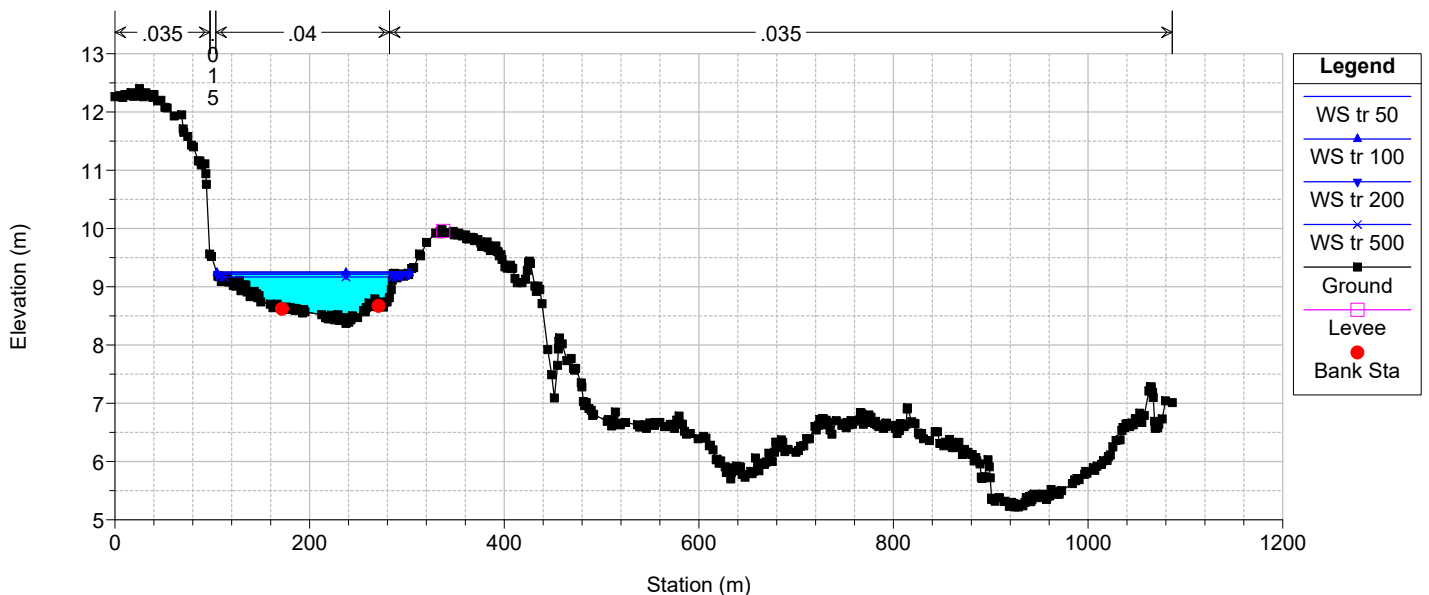
River = Rio Buddi Buddi Reach = Principale RS = 1400 SEZIONE 27 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

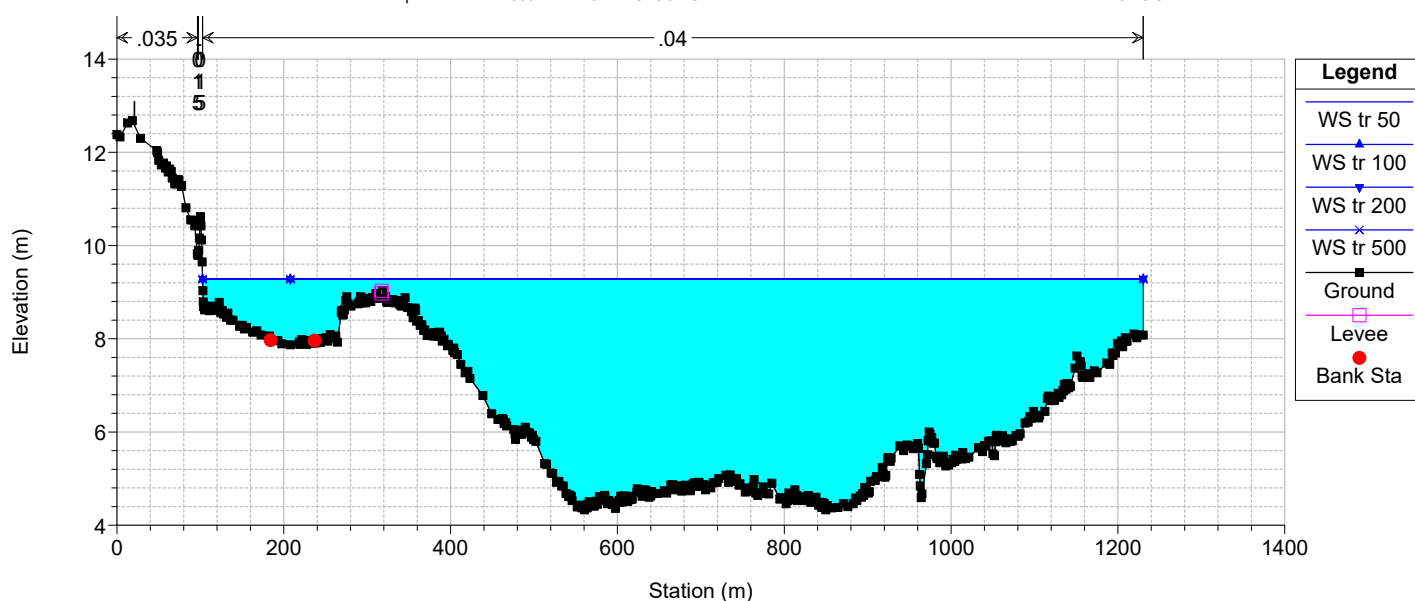
River = Rio Buddi Buddi Reach = Principale RS = 1349 SEZIONE 26 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

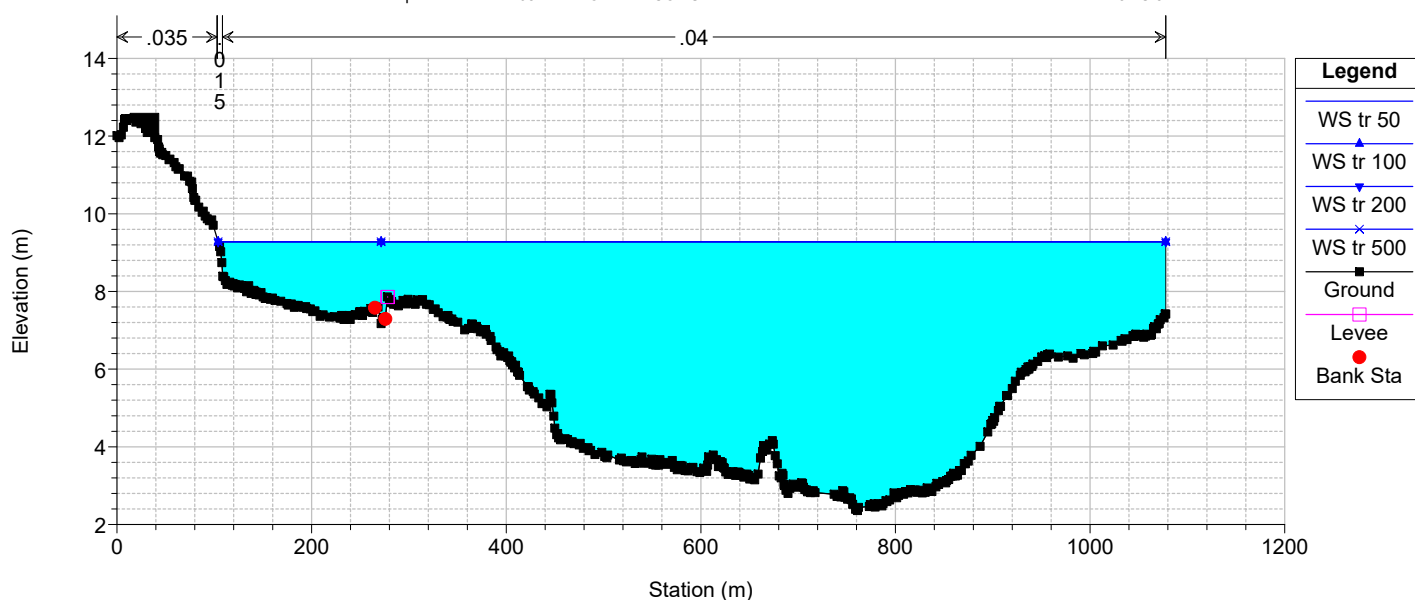
River = Rio Buddi Buddi Reach = Principale RS = 1306 SEZIONE 25 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

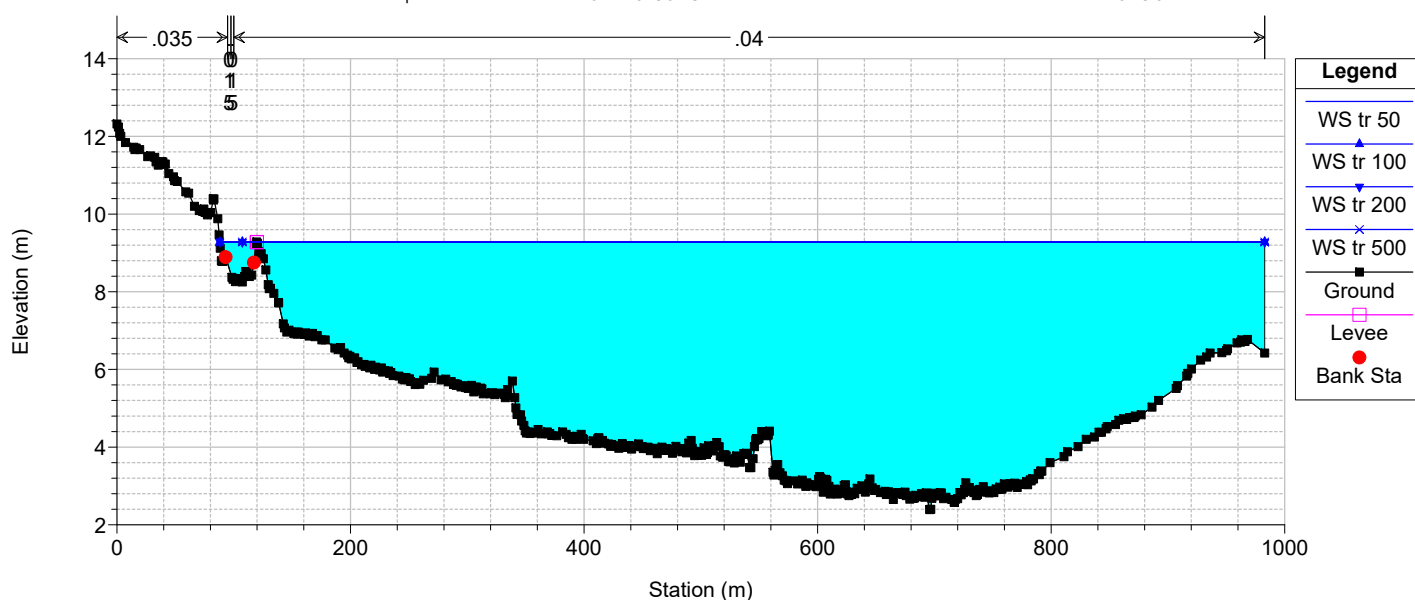
River = Rio Buddi Buddi Reach = Principale RS = 1268 SEZIONE 24 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

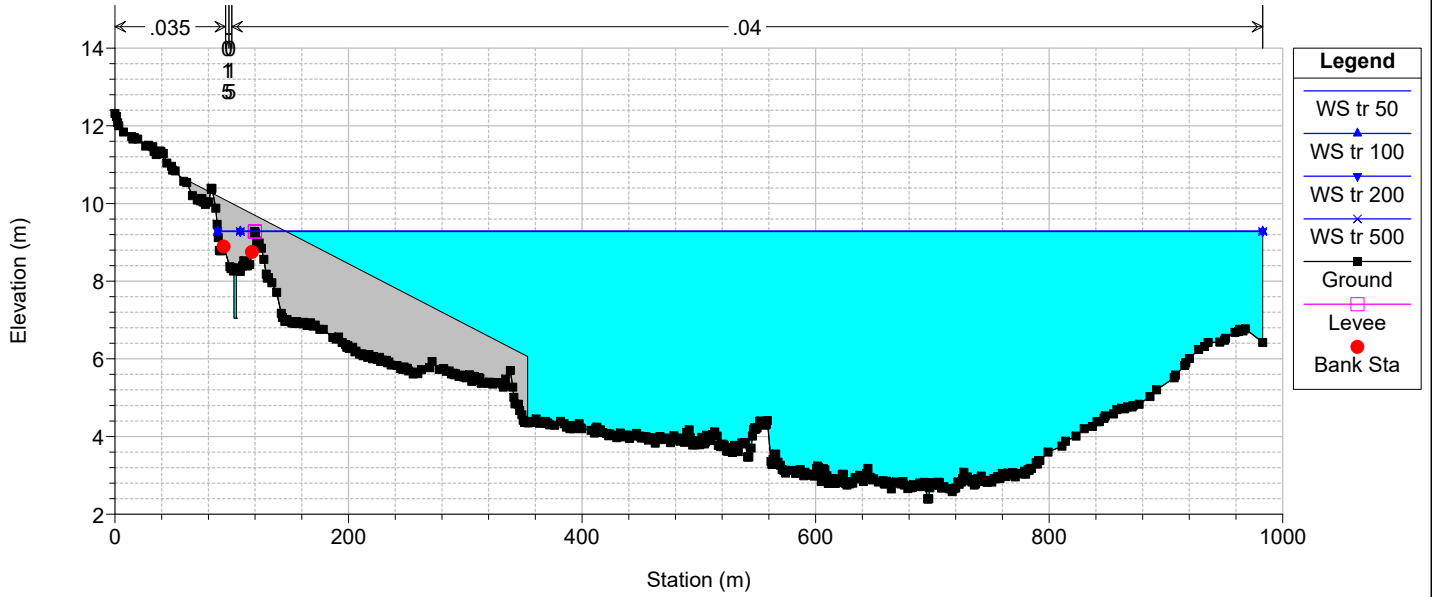
River = Rio Buddi Buddi Reach = Principale RS = 1227 SEZIONE 23 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

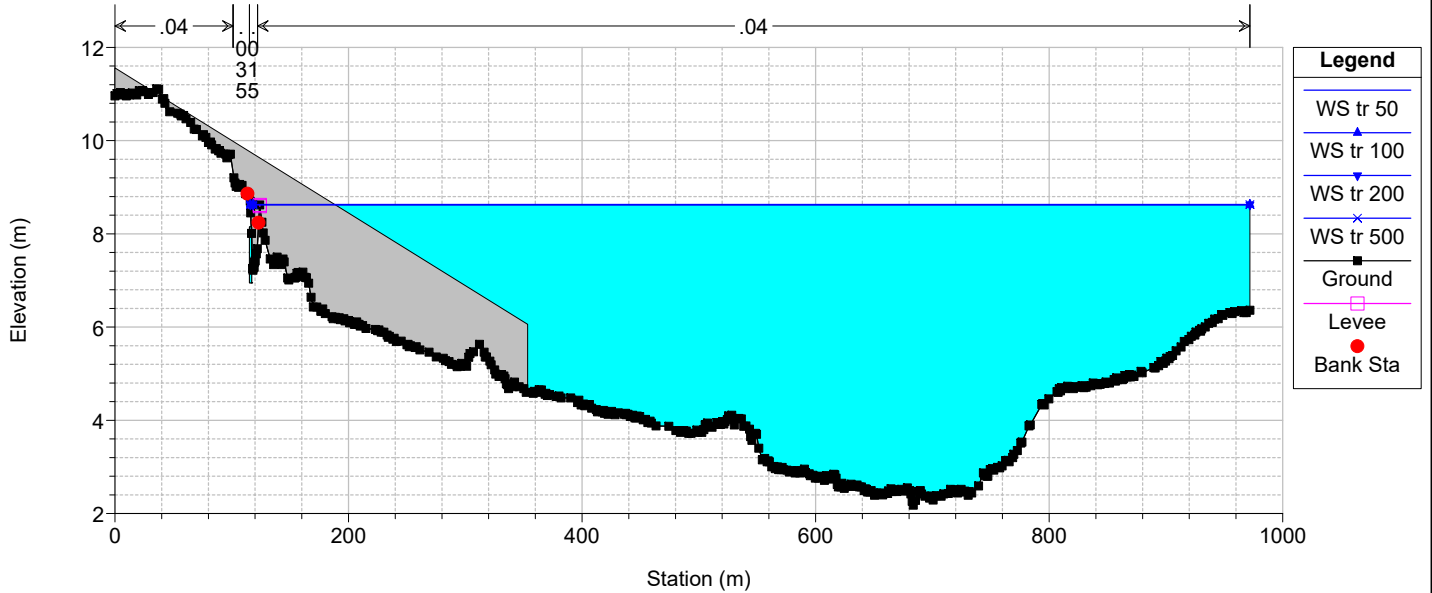
River = Rio Buddi Buddi Reach = Principale RS = 1194.398 Culv ATTRAVERSAMENTO 2 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

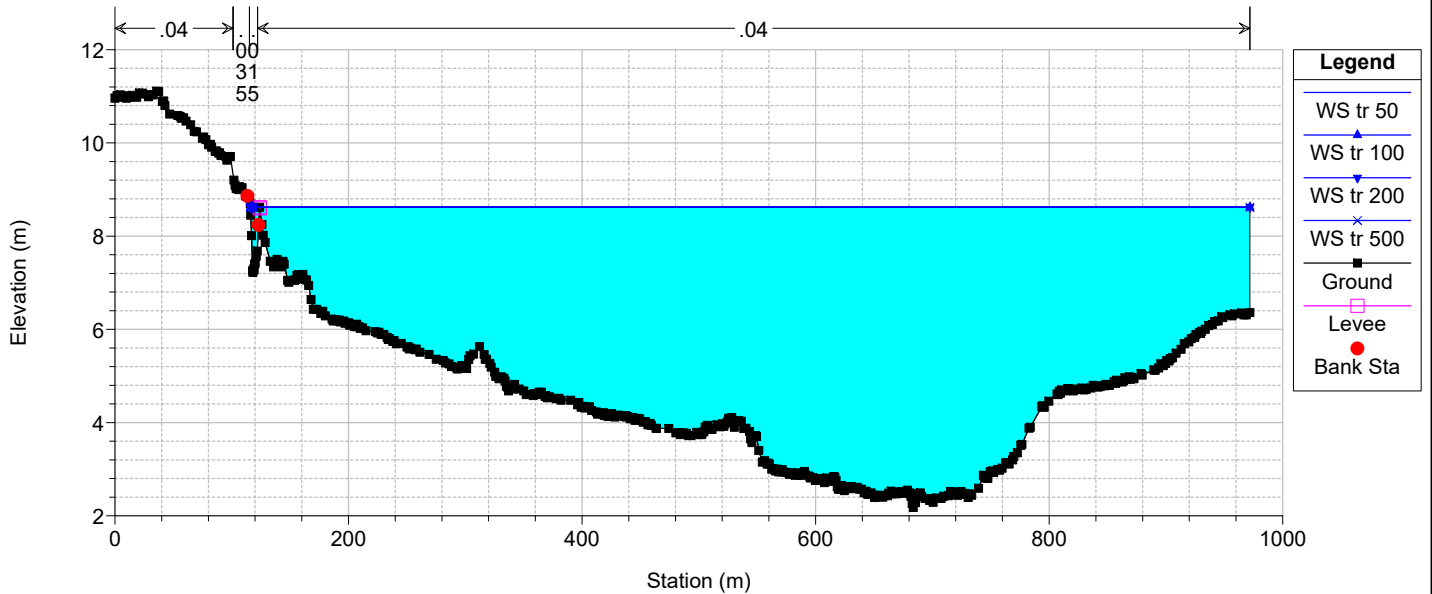
River = Rio Buddi Buddi Reach = Principale RS = 1194.398 Culv ATTRAVERSAMENTO 2 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

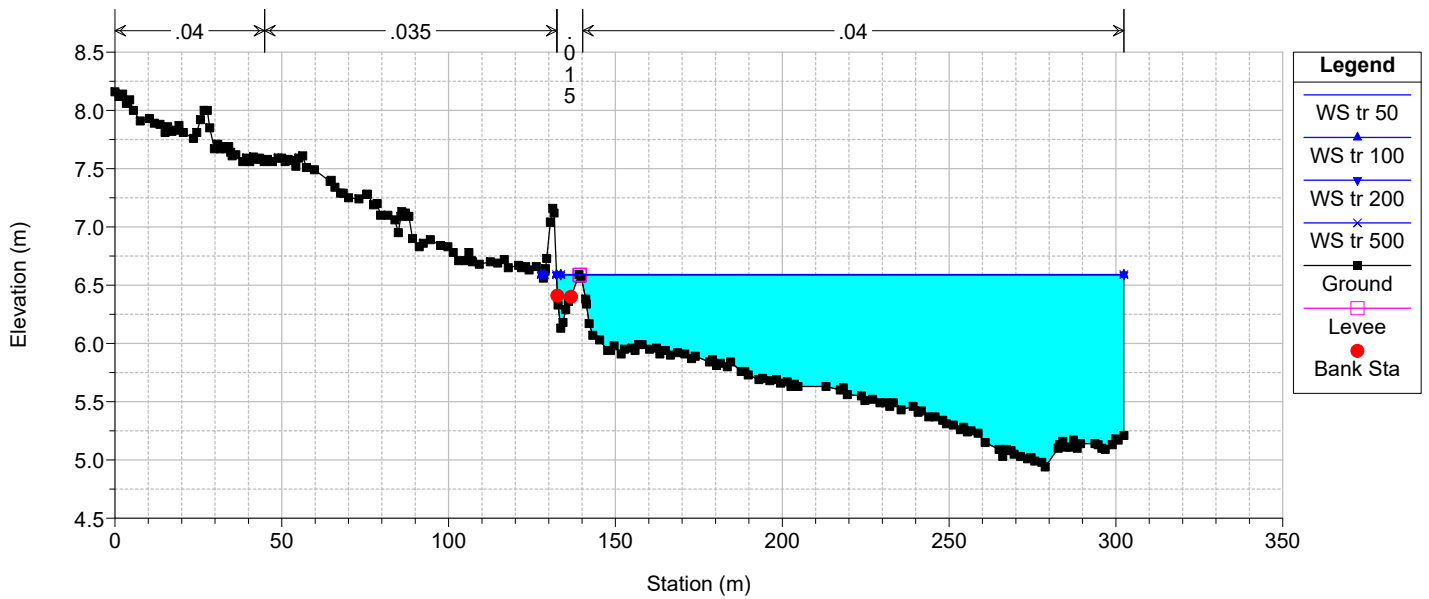
River = Rio Buddi Buddi Reach = Principale RS = 1176 SEZIONE 22 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

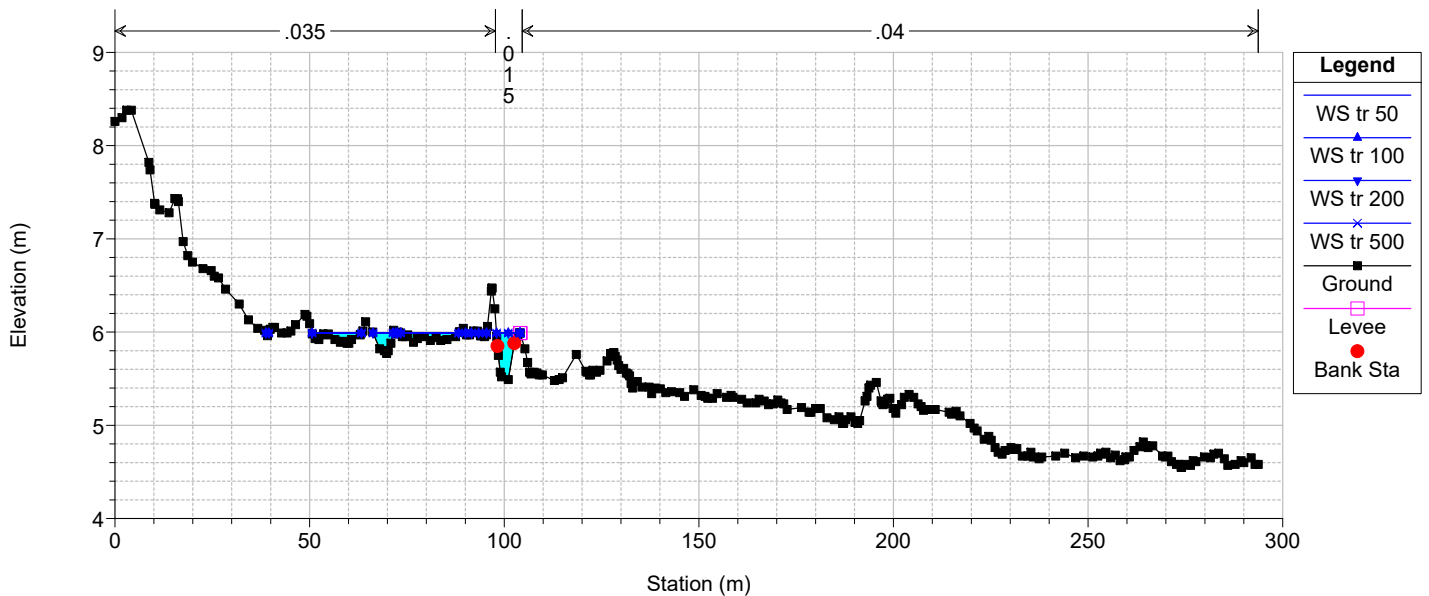
River = Rio Buddi Buddi Reach = Principale RS = 1115 SEZIONE 21 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

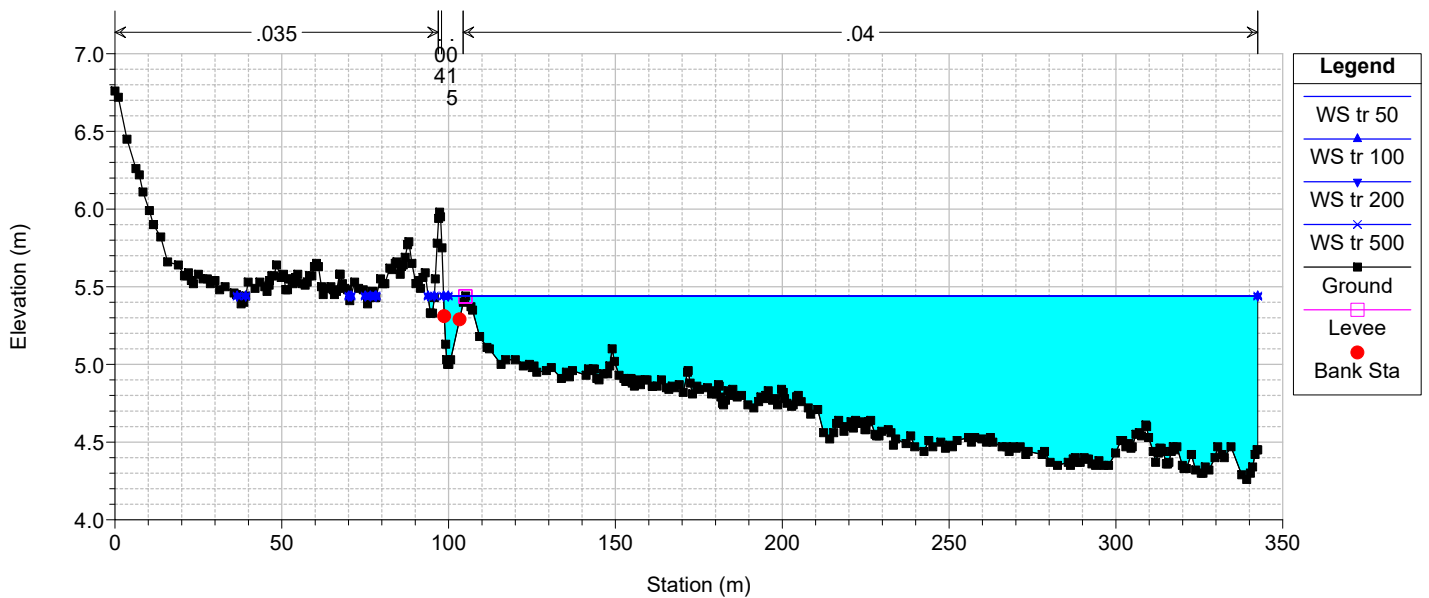
River = Rio Buddi Buddi Reach = Principale RS = 1050 SEZIONE 20 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

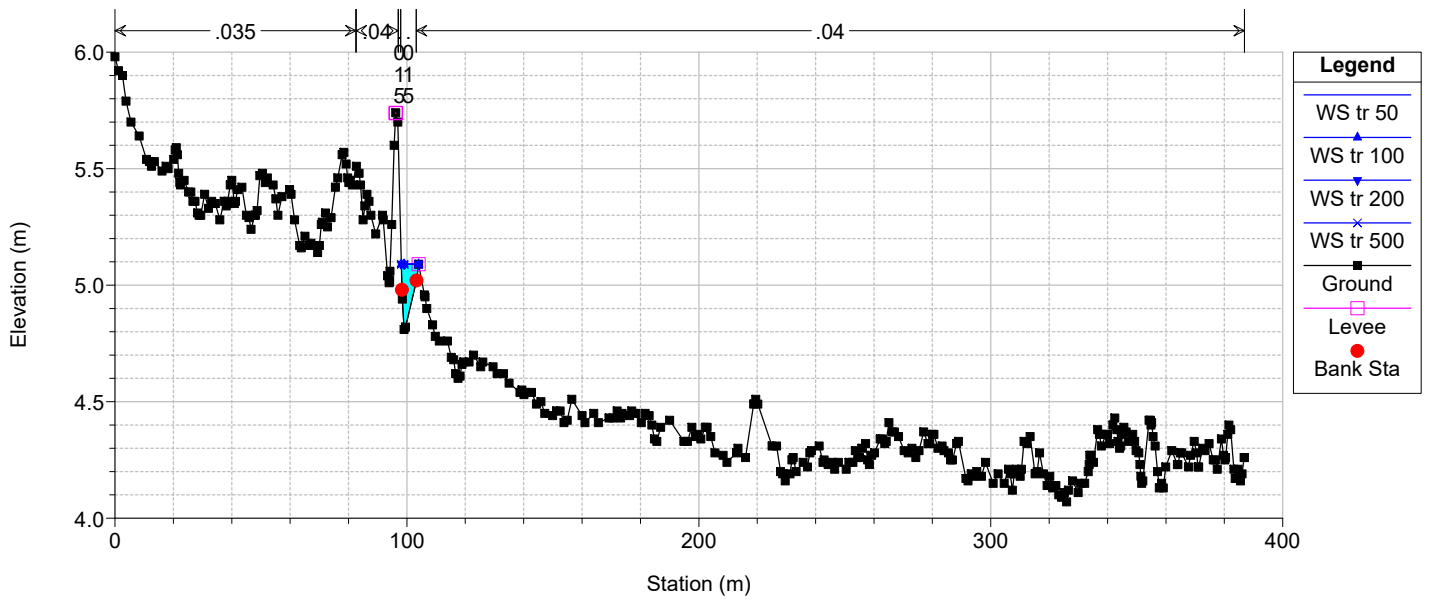
River = Rio Buddi Buddi Reach = Principale RS = 989 SEZIONE 19 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

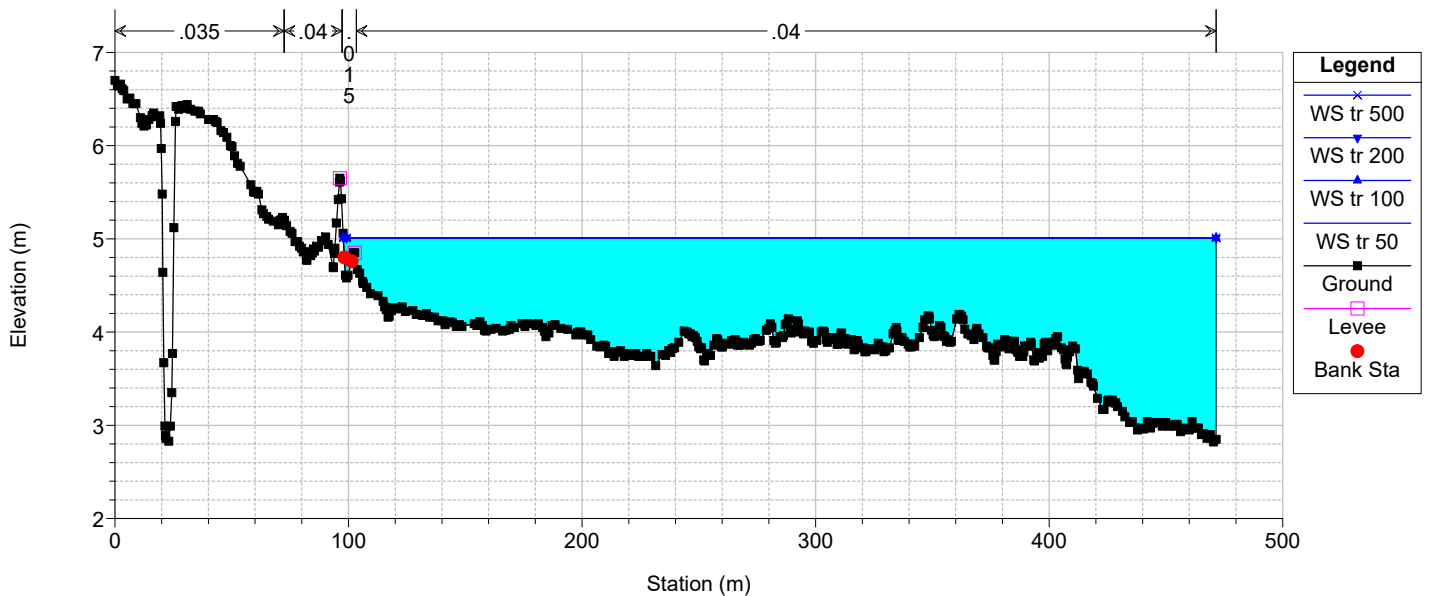
River = Rio Buddi Buddi Reach = Principale RS = 951 SEZIONE 18 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

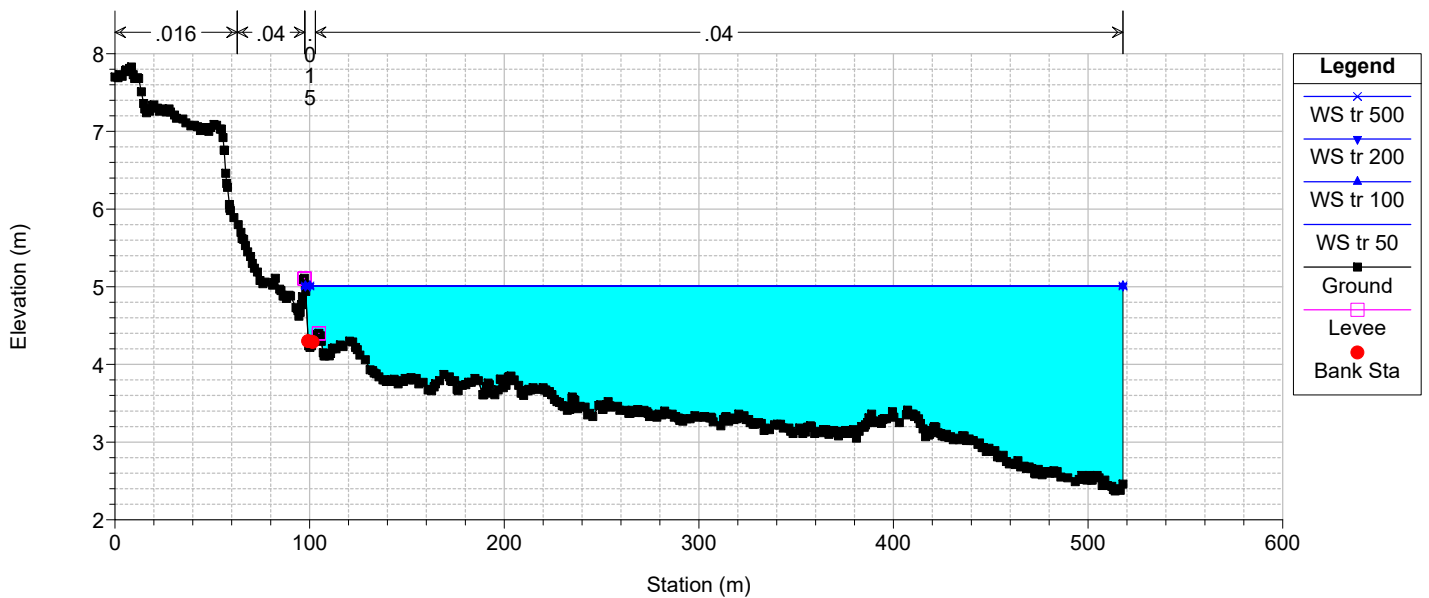
River = Rio Buddi Buddi Reach = Principale RS = 900 SEZIONE 17 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

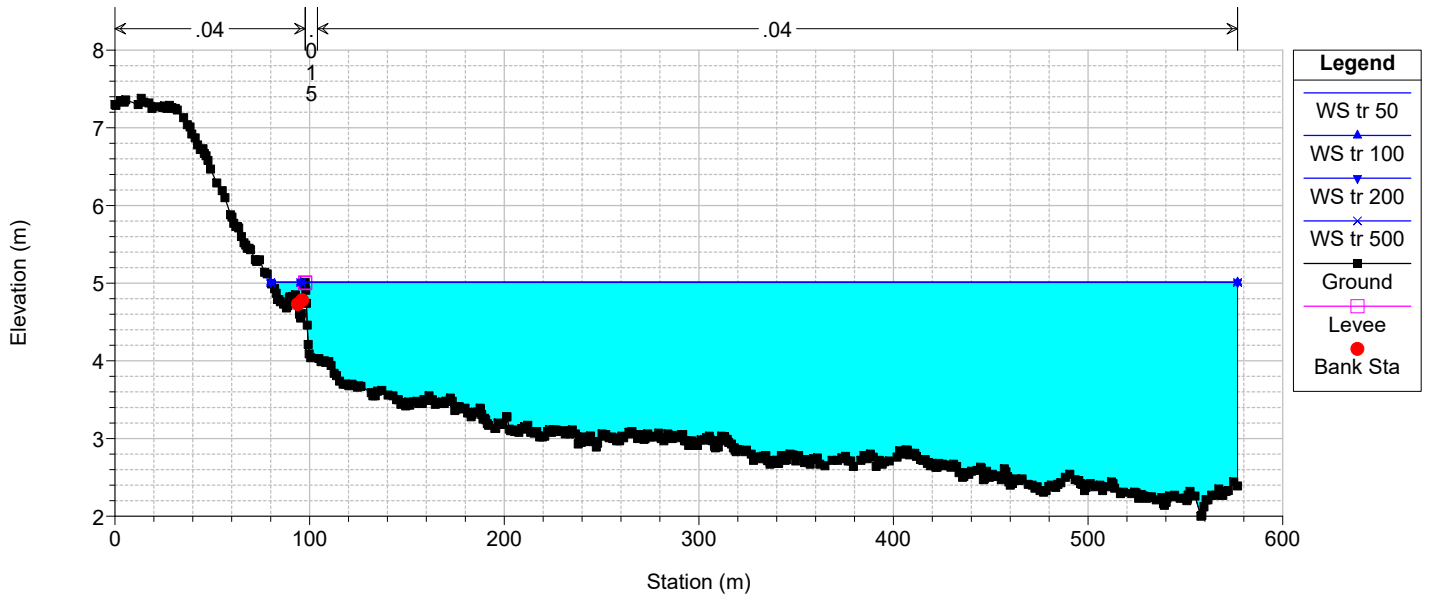
River = Rio Buddi Buddi Reach = Principale RS = 850 SEZIONE 16 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

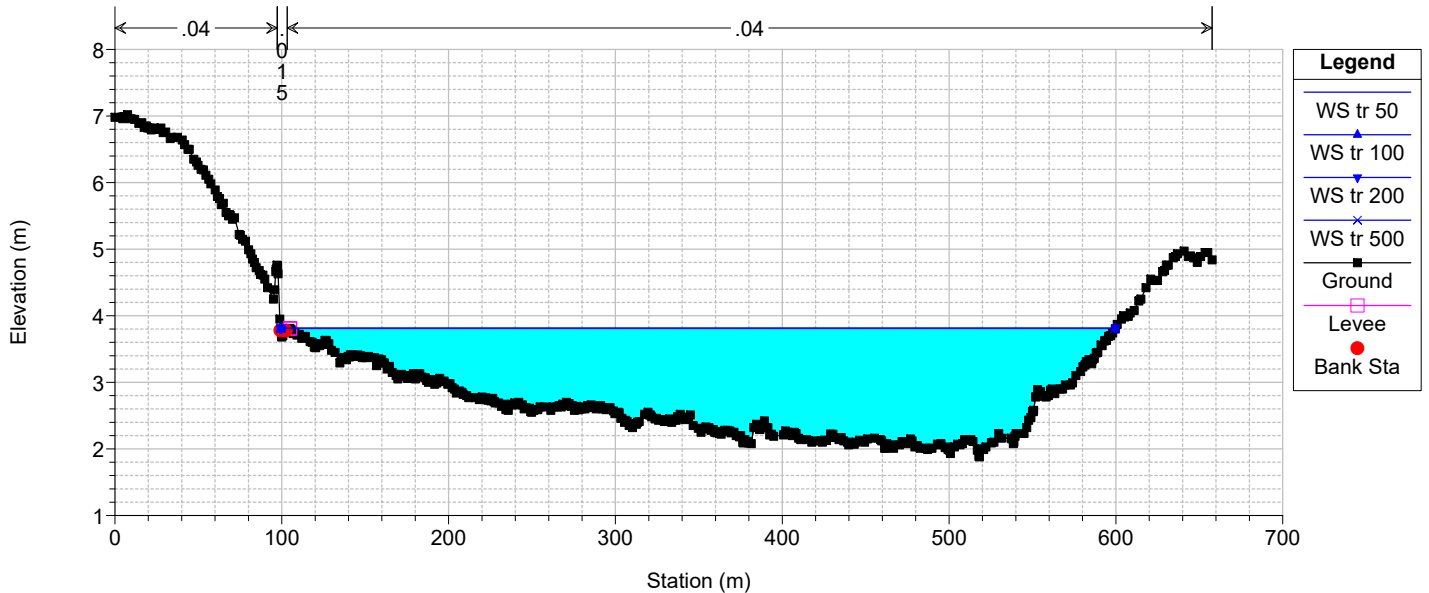
River = Rio Buddi Buddi Reach = Principale RS = 800 SEZIONE 15 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

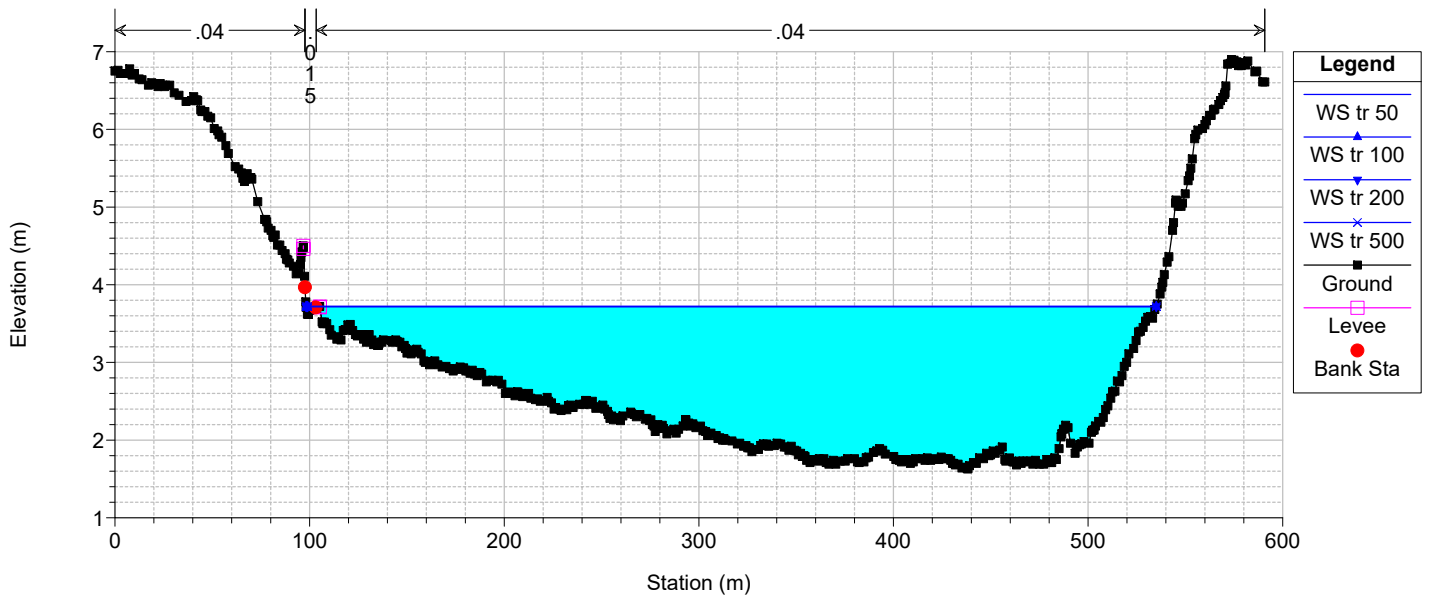
River = Rio Buddi Buddi Reach = Principale RS = 750.7093 SEZIONE 14 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

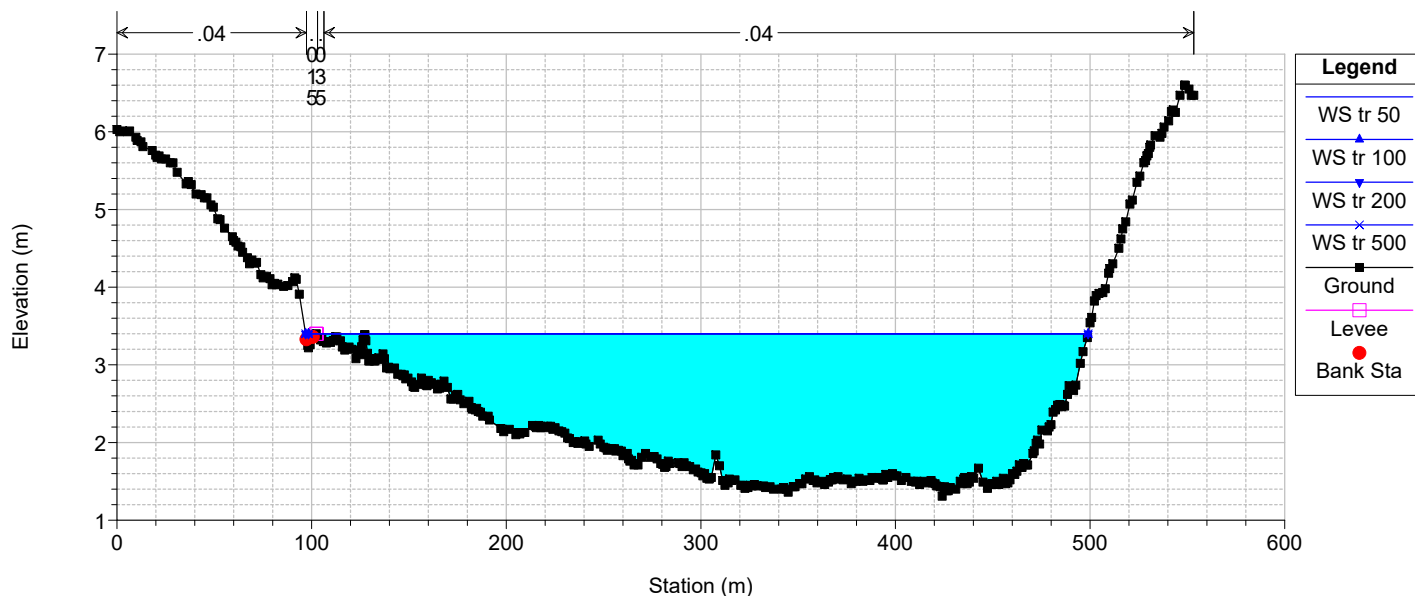
River = Rio Buddi Buddi Reach = Principale RS = 709.2474 SEZIONE 13 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

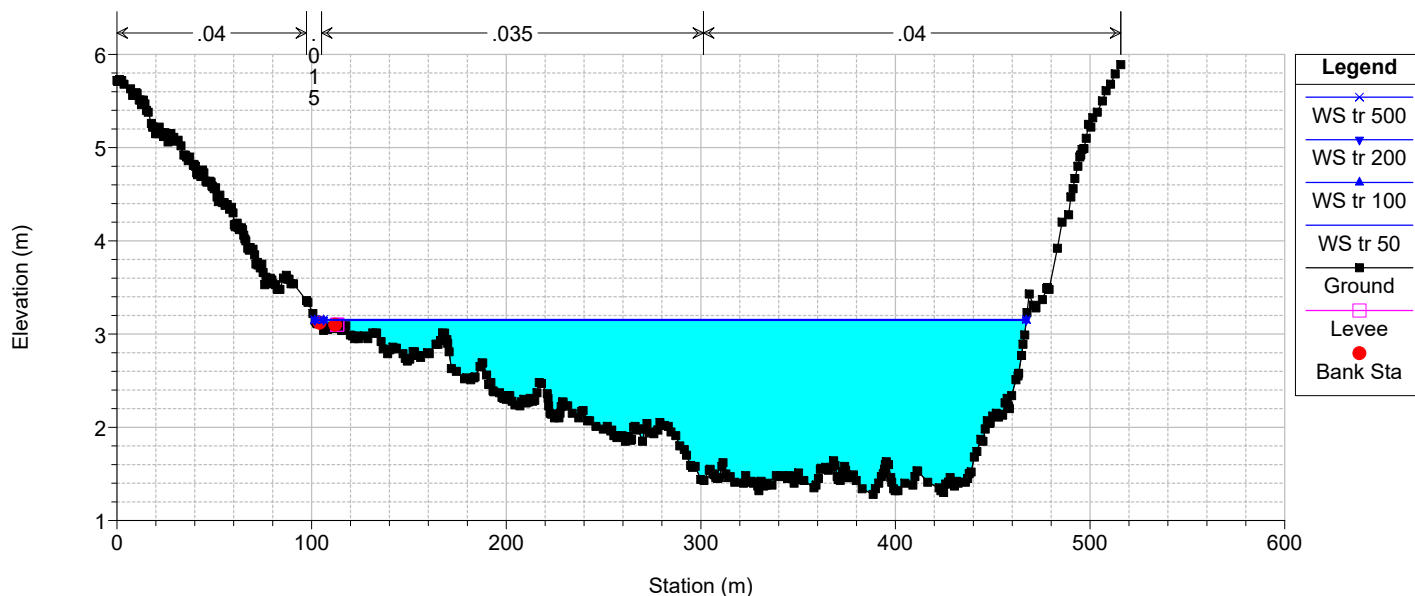
River = Rio Buddi Buddi Reach = Principale RS = 651.0852 SEZIONE 12 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

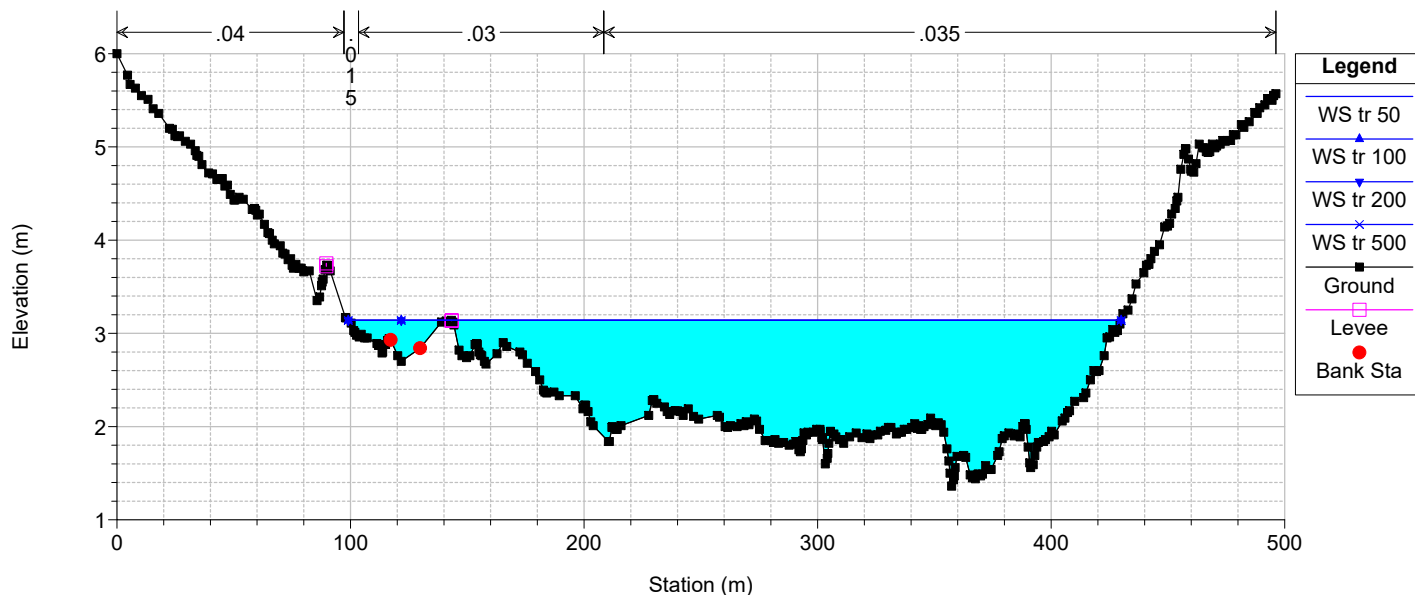
River = Rio Buddi Buddi Reach = Principale RS = 602.1801 SEZIONE 11 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

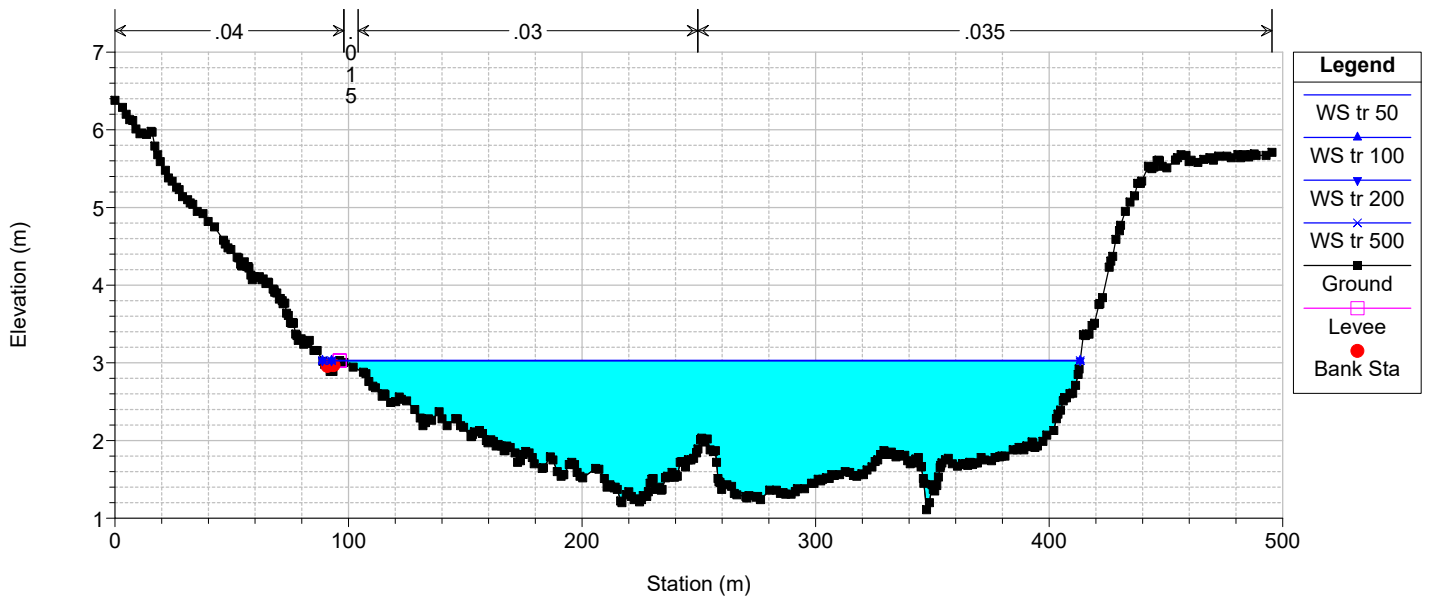
River = Rio Buddi Buddi Reach = Principale RS = 550.4567 SEZIONE 10 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

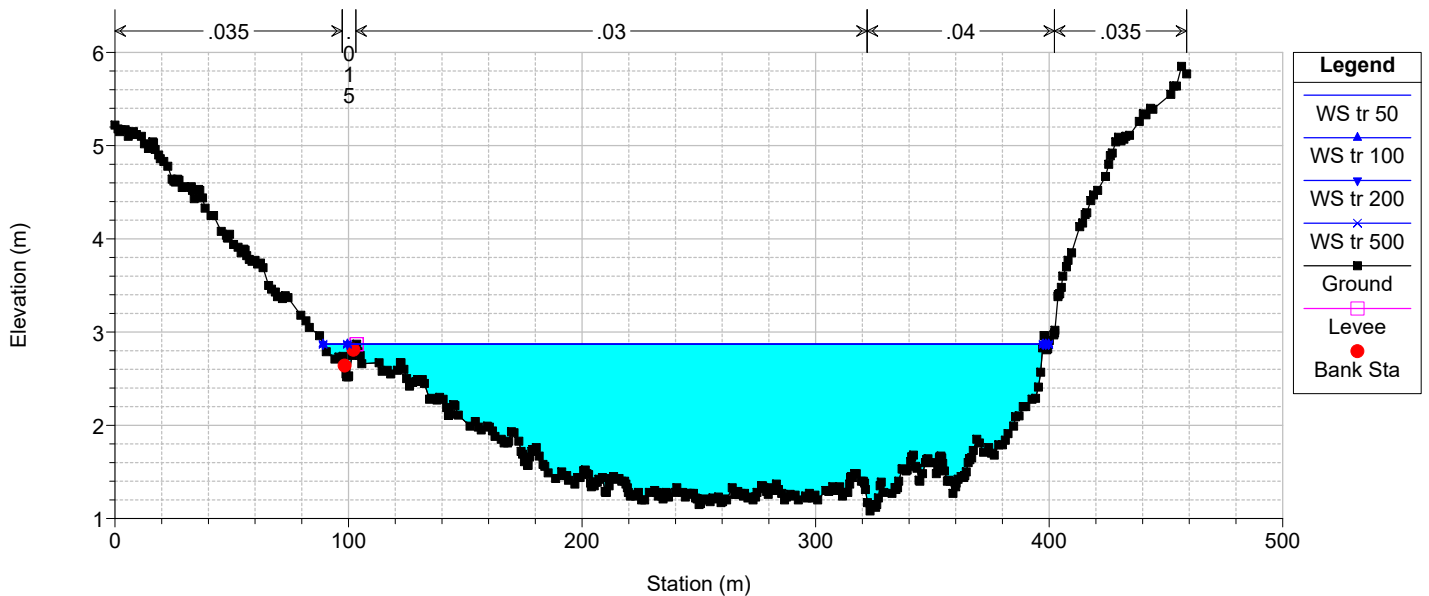
River = Rio Buddi Buddi Reach = Principale RS = 499.6911 SEZIONE 9 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

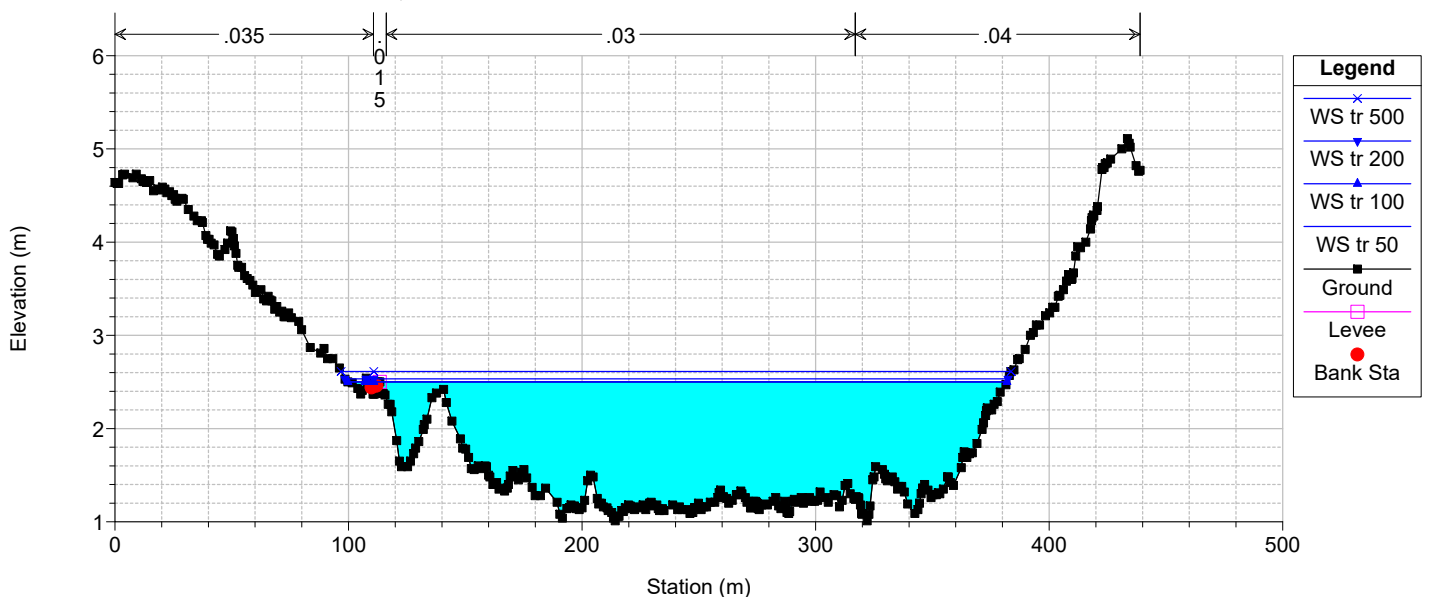
River = Rio Buddi Buddi Reach = Principale RS = 443.7534 SEZIONE 8 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

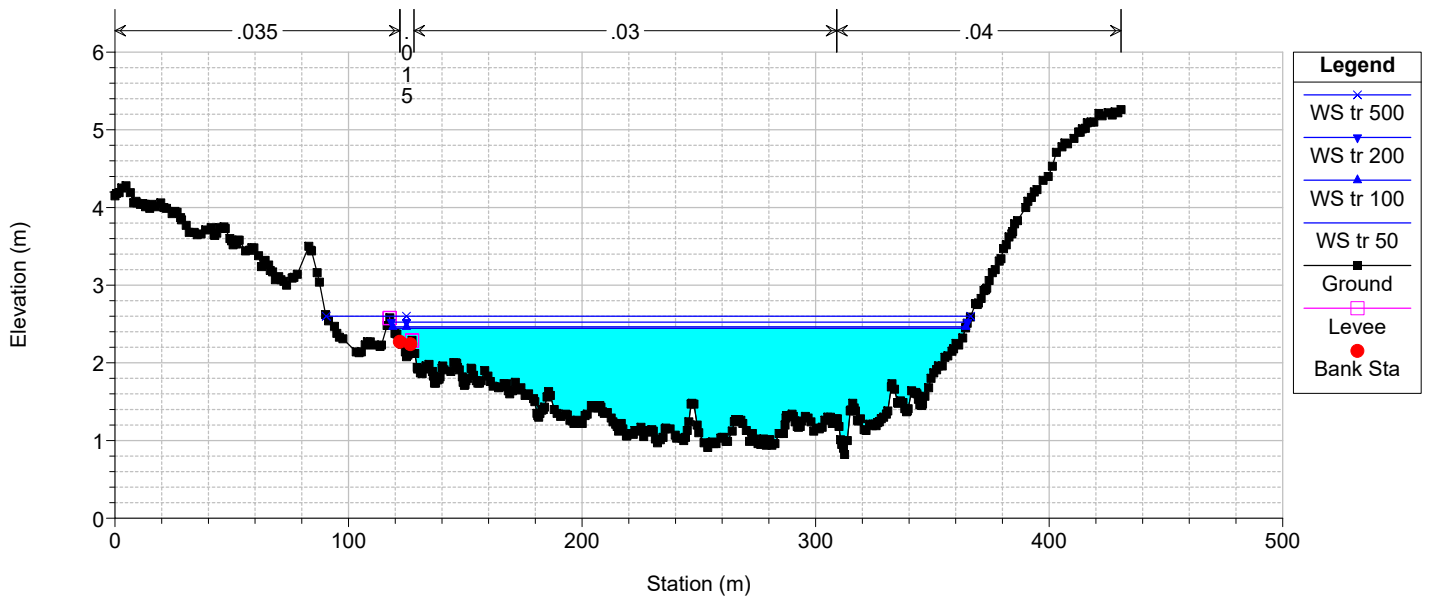
River = Rio Buddi Buddi Reach = Principale RS = 397.5638 SEZIONE 7 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

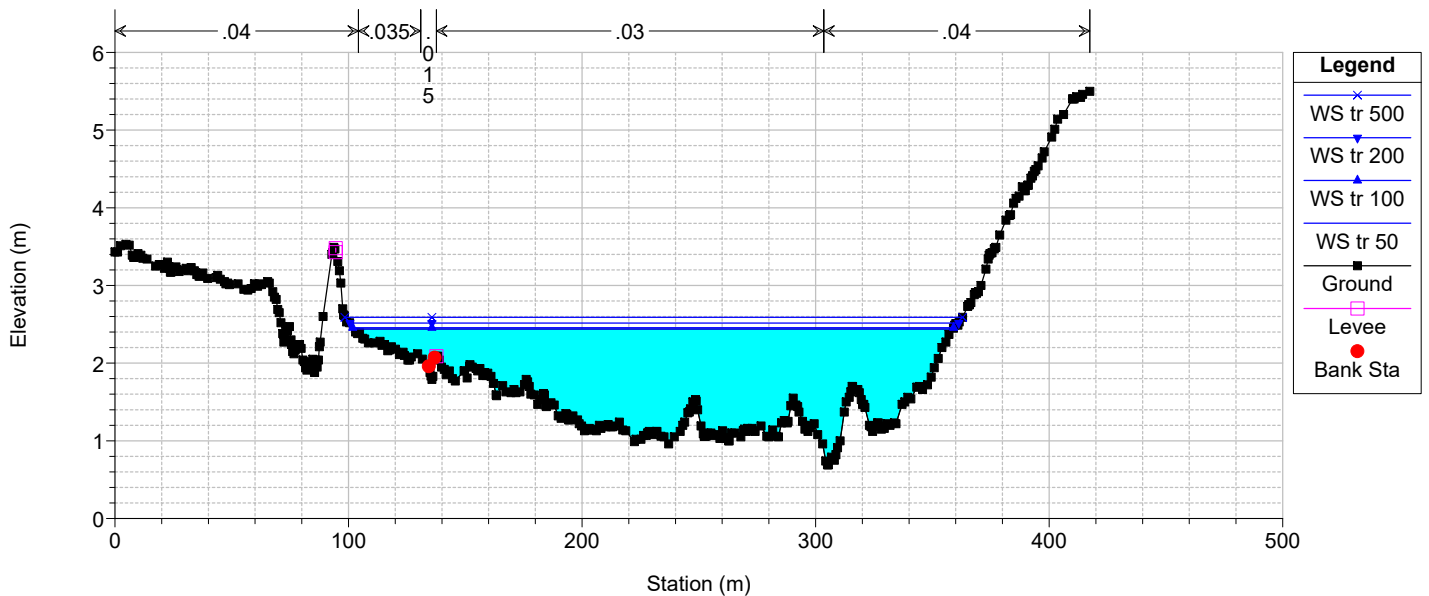
River = Rio Buddi Buddi Reach = Principale RS = 346.7955 SEZIONE 6 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

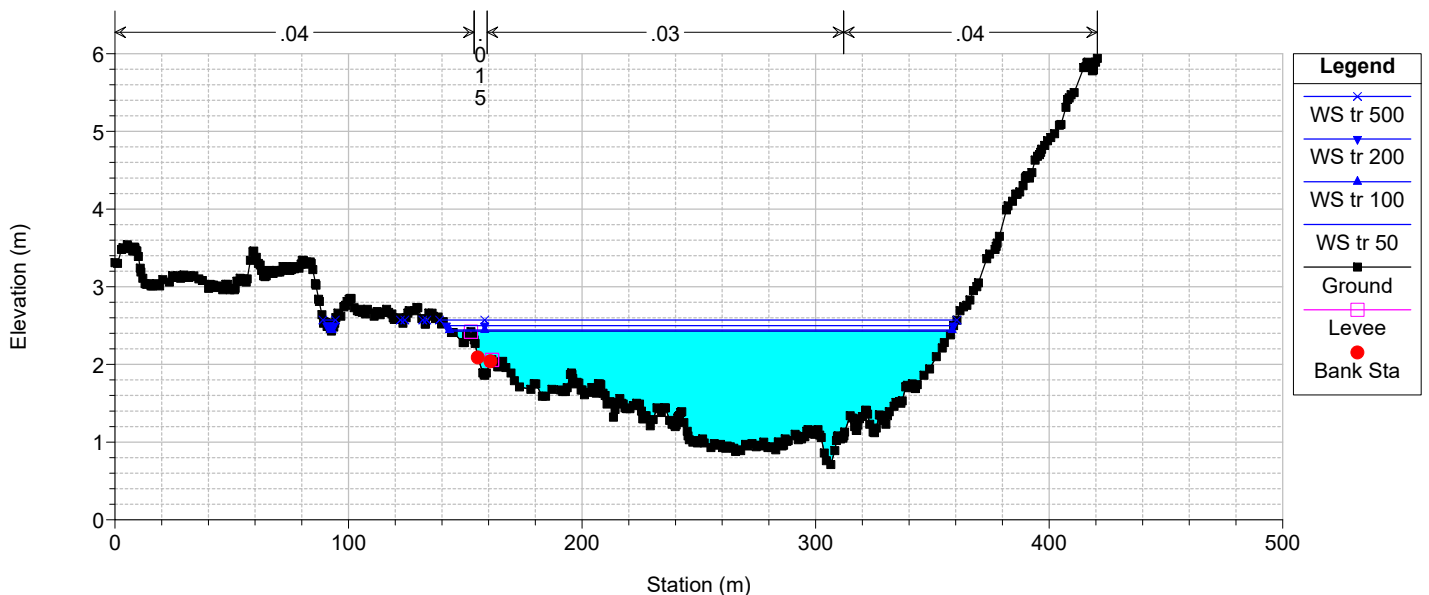
River = Rio Buddi Buddi Reach = Principale RS = 305.6681 SEZIONE 5 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

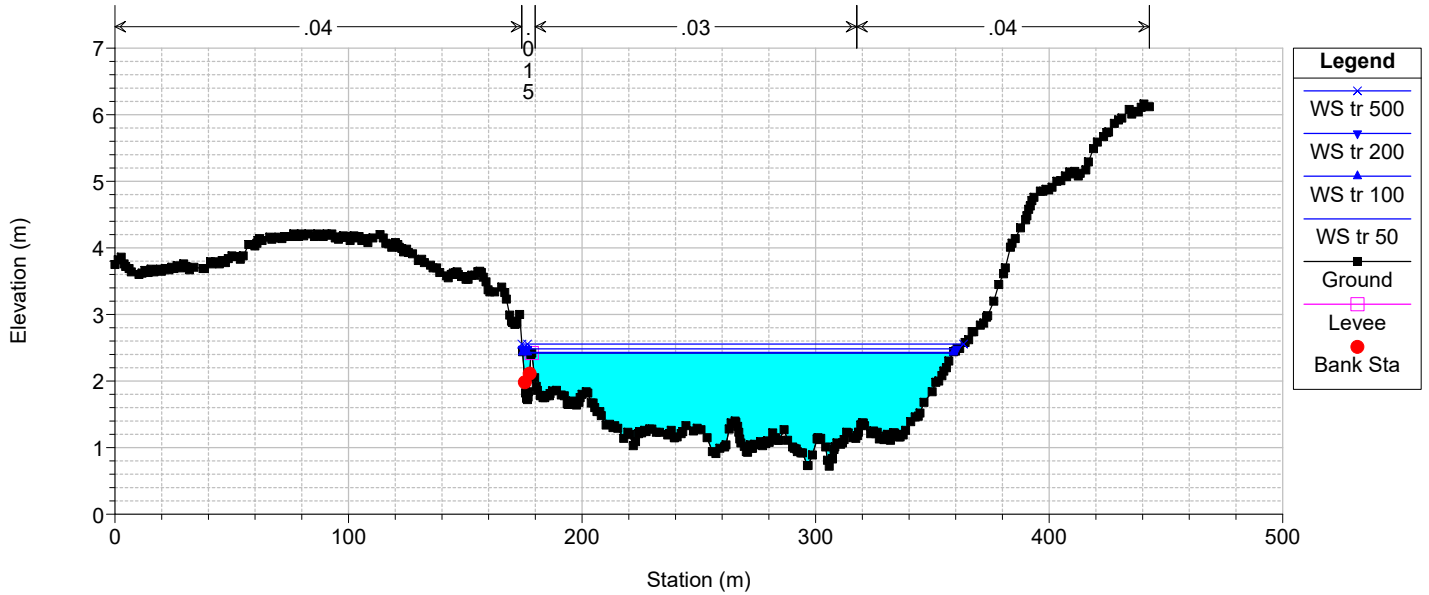
River = Rio Buddi Buddi Reach = Principale RS = 252.4028 SEZIONE 4 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

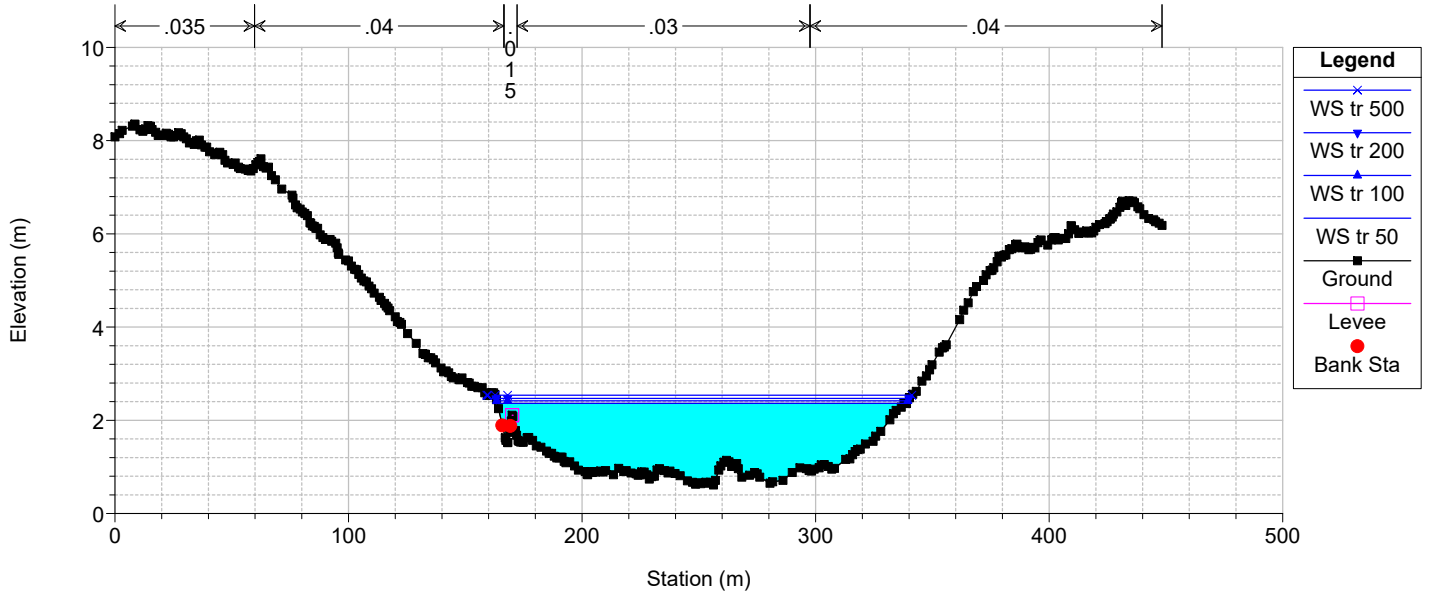
River = Rio Buddi Buddi Reach = Principale RS = 203.5798 SEZIONE 3 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

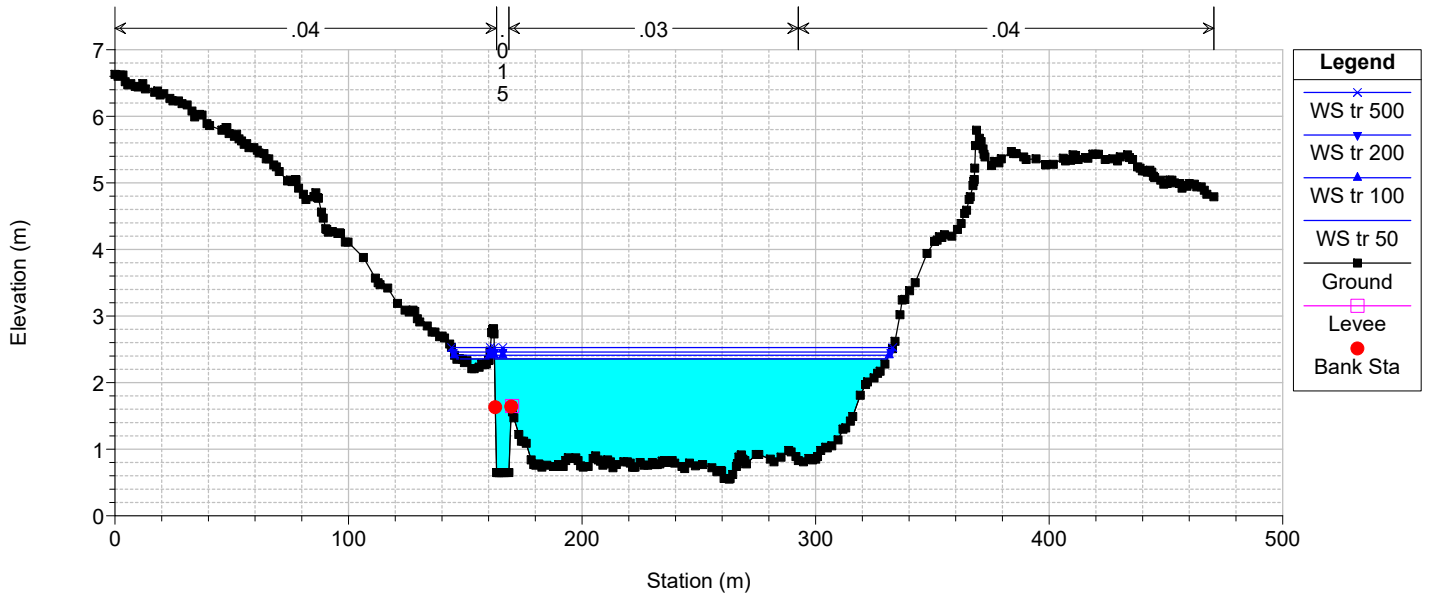
River = Rio Buddi Buddi Reach = Principale RS = 123.0525 SEZIONE 2 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

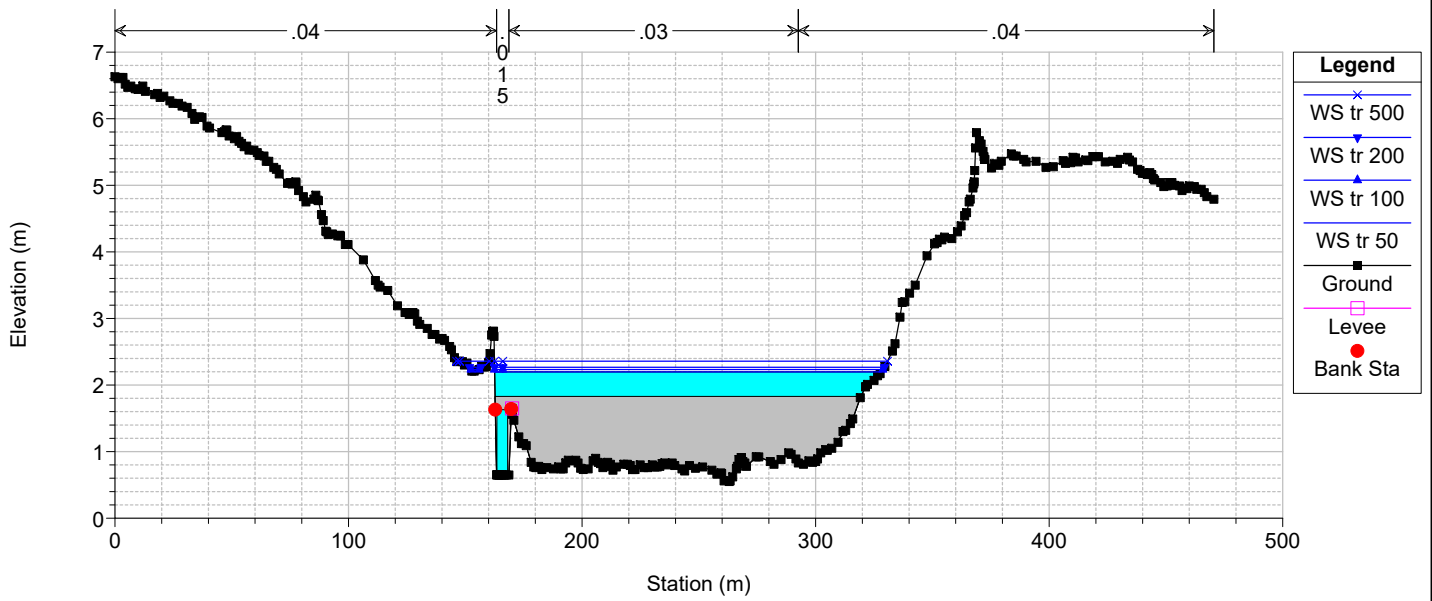
River = Rio Buddi Buddi Reach = Principale RS = 41.32458 SEZIONE 1 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

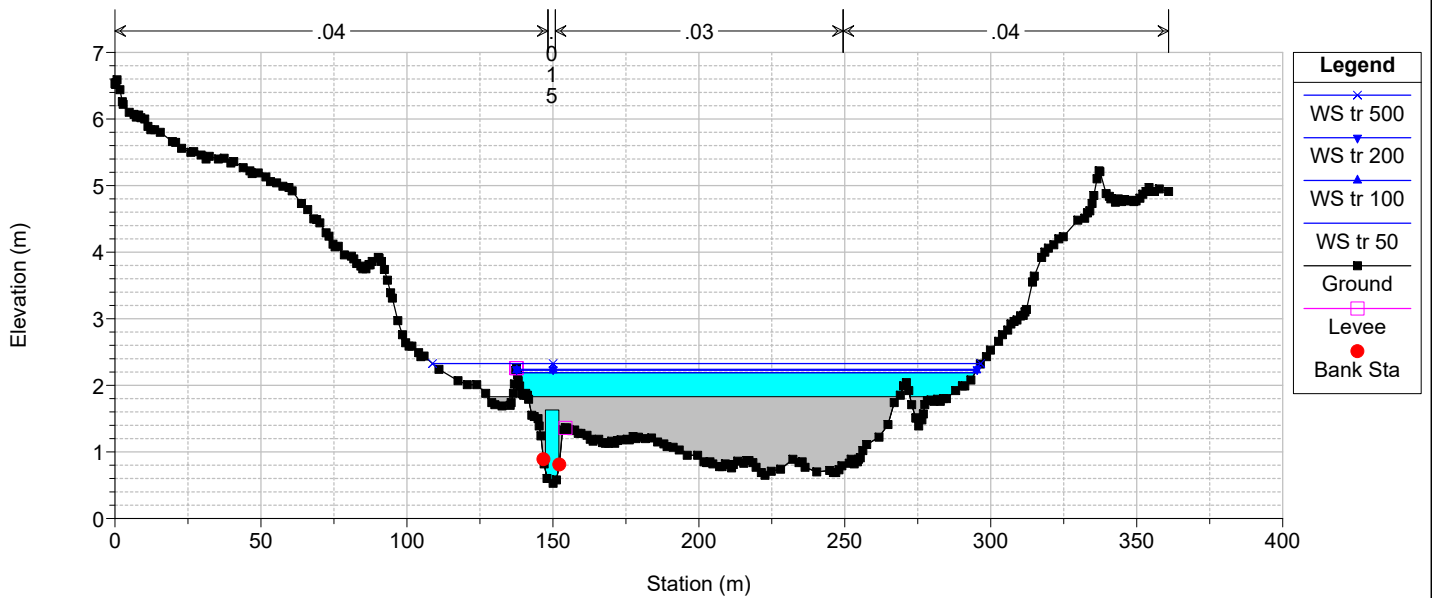
River = Rio Buddi Buddi Reach = Principale RS = 24.48486 BR ATTRAVERSAMENTO 1 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

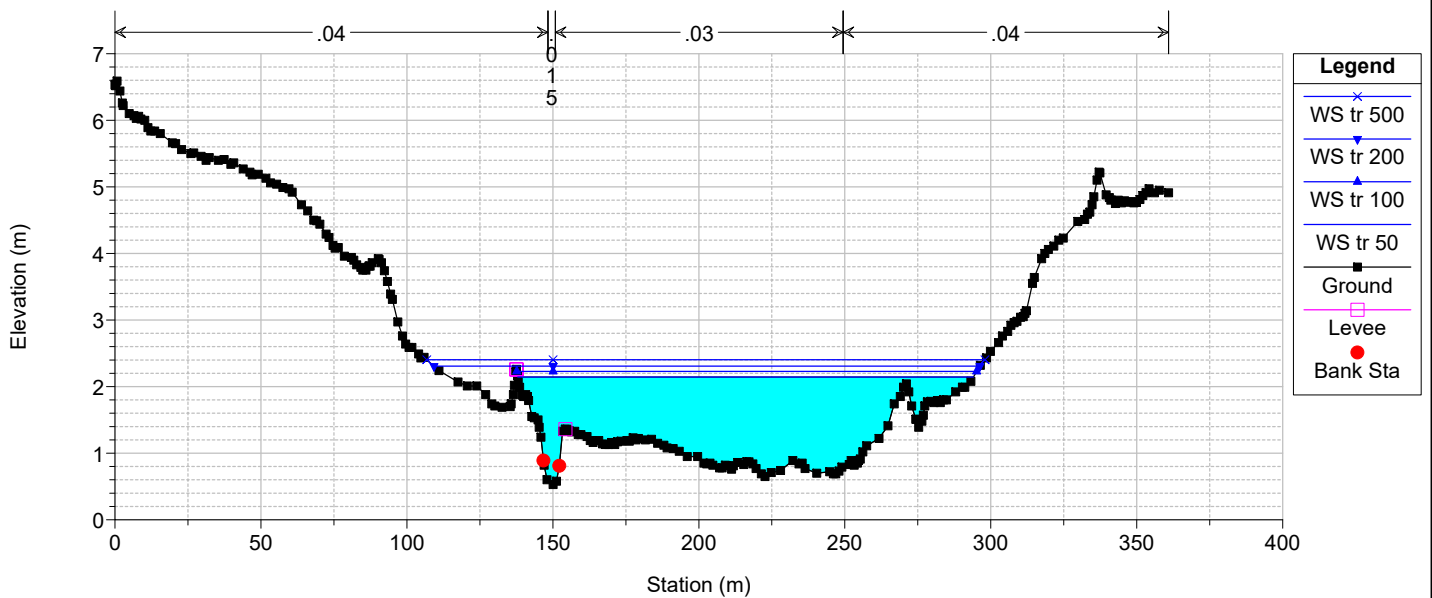
River = Rio Buddi Buddi Reach = Principale RS = 24.48486 BR ATTRAVERSAMENTO 1 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

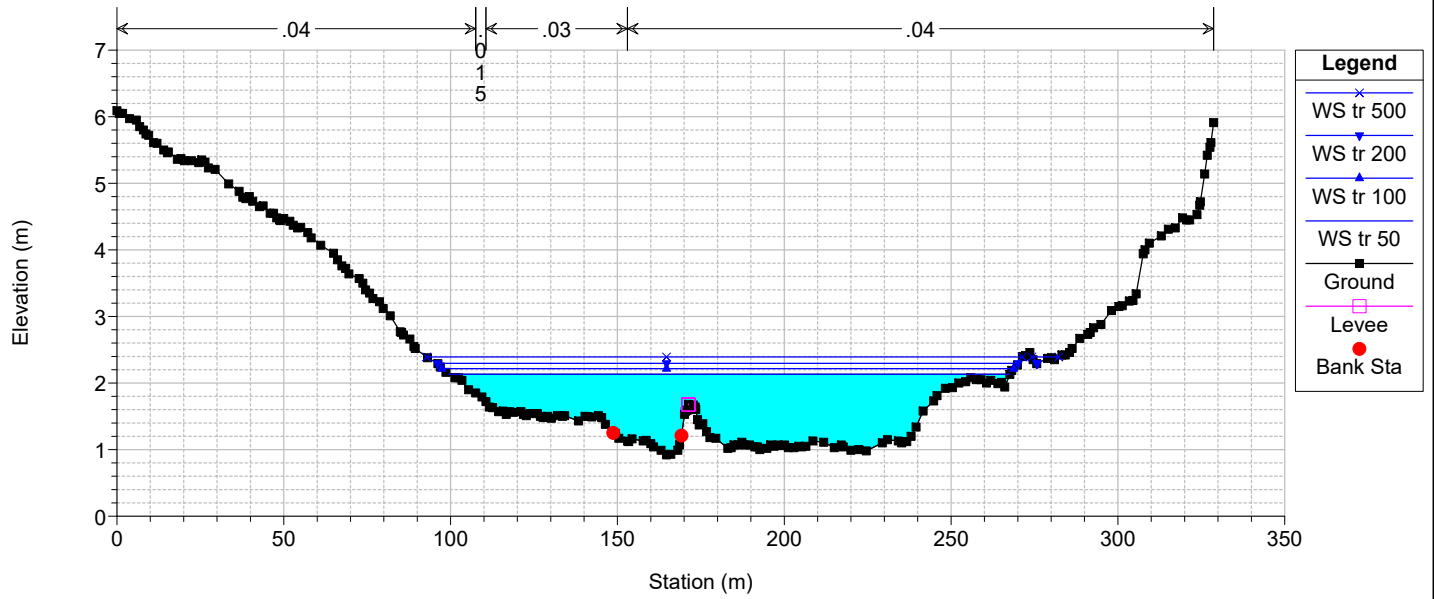
River = Rio Buddi Buddi Reach = Principale RS = 12.18434 SEZIONE 0 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO BUDDI BUDDI Plan: 10022021 2/11/2021

Geom: 10022021_2 Flow: 05022021

River = Rio Buddi Buddi Reach = Principale RS = 2 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)	
Secondario	5649.043	tr 50	29.96	79.29	79.74	79.70	79.87	0.008924	1.41	19.58	49.67	0.73
Secondario	5649.043	tr 100	35.59	79.29	79.79	79.74	79.93	0.008761	1.53	22.29	51.09	0.74
Secondario	5649.043	tr 200	41.27	79.29	79.84	79.79	79.99	0.008685	1.64	24.92	52.65	0.75
Secondario	5649.043	tr 500	48.84	79.29	79.93	79.84	80.04	0.007376	1.69	34.11	77.15	0.71
Secondario	5596.610	tr 50	29.96	78.68	79.39		79.49	0.005932	1.47	21.68	44.86	0.64
Secondario	5596.610	tr 100	35.59	78.68	79.45		79.56	0.005665	1.55	24.57	45.66	0.63
Secondario	5596.610	tr 200	41.27	78.68	79.52		79.63	0.005259	1.60	27.66	46.39	0.62
Secondario	5596.610	tr 500	48.84	78.68	79.59		79.72	0.005164	1.70	30.98	47.08	0.62
Secondario	5550.495	tr 50	29.96	78.07	78.86	78.86	79.10	0.012109	2.20	14.53	29.92	0.92
Secondario	5550.495	tr 100	35.59	78.07	78.92	78.92	79.18	0.011893	2.33	16.43	30.53	0.93
Secondario	5550.495	tr 200	41.27	78.07	78.97	78.97	79.26	0.012422	2.50	17.90	30.99	0.96
Secondario	5550.495	tr 500	48.84	78.07	79.06	79.06	79.36	0.011249	2.58	20.90	32.81	0.93
Secondario	5501.561	tr 50	29.96	77.34	78.19	78.22	78.45	0.013928	2.59	14.18	31.26	1.02
Secondario	5501.561	tr 100	35.59	77.34	78.24	78.28	78.54	0.014360	2.75	15.75	31.70	1.04
Secondario	5501.561	tr 200	41.27	77.34	78.30	78.33	78.61	0.013958	2.85	17.55	32.18	1.04
Secondario	5501.561	tr 500	48.84	77.34	78.35	78.41	78.72	0.015269	3.10	19.11	32.90	1.10
Secondario	5443.011	tr 50	29.96	75.71	76.27	76.47	76.95	0.056654	3.07	8.55	28.11	1.86
Secondario	5443.011	tr 100	35.59	75.71	76.32	76.53	77.03	0.053027	3.25	9.91	28.84	1.82
Secondario	5443.011	tr 200	41.27	75.71	76.35	76.59	77.13	0.052826	3.46	11.02	29.42	1.83
Secondario	5443.011	tr 500	48.84	75.71	76.42	76.66	77.21	0.047128	3.60	12.92	31.10	1.76
Secondario	5387.279	tr 50	29.96	74.97	75.53	75.52	75.72	0.013915	1.74	15.72	39.50	0.93
Secondario	5387.279	tr 100	35.59	74.97	75.58	75.58	75.78	0.013424	1.88	18.09	41.50	0.93
Secondario	5387.279	tr 200	41.27	74.97	75.61	75.61	75.85	0.015966	2.13	19.23	41.99	1.02
Secondario	5387.279	tr 500	48.84	74.97	75.67	75.67	75.93	0.015385	2.26	21.59	42.30	1.02
Secondario	5328.864	tr 50	29.96	73.54	75.24	74.27	75.28	0.000646	0.83	37.94	48.46	0.24
Secondario	5328.864	tr 100	35.59	73.54	75.31	74.34	75.36	0.000748	0.92	41.39	50.13	0.26
Secondario	5328.864	tr 200	41.27	73.54	75.37	74.42	75.42	0.000849	1.01	44.43	50.56	0.28
Secondario	5328.864	tr 500	48.84	73.54	75.46	74.51	75.52	0.000948	1.11	48.66	50.96	0.29
Secondario	5313.628		Culvert									
Secondario	5296.880	tr 50	29.96	73.20	74.87	74.87	75.15	0.007719	2.54	14.56	29.26	0.85
Secondario	5296.880	tr 100	35.59	73.20	74.97	74.97	75.24	0.007082	2.56	17.81	33.48	0.82
Secondario	5296.880	tr 200	41.27	73.20	75.05	75.05	75.32	0.006882	2.62	20.38	34.67	0.81
Secondario	5296.880	tr 500	48.84	73.20	75.13	75.13	75.42	0.006934	2.74	23.18	35.37	0.81
Principale	5171.313	tr 50	52.85	70.65	71.30	71.70	73.00	0.058810	6.87	13.50	36.38	3.14
Principale	5171.313	tr 100	62.82	70.65	71.35	71.79	73.20	0.057332	7.23	15.32	38.00	3.15
Principale	5171.313	tr 200	72.89	70.65	72.30	71.87	72.49	0.001638	2.41	53.89	42.08	0.63
Principale	5171.313	tr 500	86.30	70.65	72.42	71.97	72.64	0.001732	2.61	58.96	42.39	0.66
Principale	5134.999	tr 50	52.85	70.29	71.48	71.50	72.00	0.008418	3.86	34.17	37.40	1.30
Principale	5134.999	tr 100	62.82	70.29	71.59	71.68	72.19	0.008327	4.14	38.49	40.56	1.31
Principale	5134.999	tr 200	72.89	70.29	71.73	71.73	72.33	0.007235	4.20	44.11	42.84	1.25
Principale	5134.999	tr 500	86.30	70.29	71.97	71.97	72.51	0.005014	3.98	55.51	47.30	1.07
Principale	5106.301	tr 50	52.85	69.92	71.03	71.22	71.70	0.012474	4.56	29.62	40.79	1.47
Principale	5106.301	tr 100	62.82	69.92	71.10	71.32	71.87	0.013494	4.96	32.37	41.72	1.55
Principale	5106.301	tr 200	72.89	69.92	71.17	71.42	72.03	0.013942	5.27	35.28	42.34	1.59
Principale	5106.301	tr 500	86.30	69.92	71.25	71.54	72.23	0.014478	5.64	38.87	42.94	1.65
Principale	5050	tr 50	52.85	68.70	69.78	69.84	70.17	0.083166	3.59	21.63	39.68	1.50
Principale	5050	tr 100	62.82	68.70	69.86	69.93	70.28	0.074130	3.69	24.76	41.17	1.45
Principale	5050	tr 200	72.89	68.70	69.91	69.99	70.40	0.073411	3.88	27.16	43.07	1.46
Principale	5050	tr 500	86.30	68.70	69.98	70.08	70.55	0.073193	4.10	29.87	43.57	1.48
Principale	5000	tr 50	52.85	67.70	68.58	68.69	69.00	0.010875	3.87	22.66	47.79	1.62
Principale	5000	tr 100	62.82	67.70	68.63	68.75	69.11	0.011350	4.16	25.13	48.83	1.67
Principale	5000	tr 200	72.89	67.70	68.68	68.84	69.22	0.011514	4.39	27.76	50.23	1.69
Principale	5000	tr 500	86.30	67.70	68.75	68.93	69.35	0.011783	4.69	31.02	51.92	1.73
Principale	4950	tr 50	52.85	66.29	67.04	67.38	68.18	0.021141	5.63	14.70	34.32	2.30
Principale	4950	tr 100	62.82	66.29	67.12	67.46	68.30	0.019637	5.81	17.33	36.75	2.24
Principale	4950	tr 200	72.89	66.29	67.19	67.54	68.42	0.018579	5.99	20.03	39.52	2.20
Principale	4950	tr 500	86.30	66.29	67.26	67.65	68.55	0.017903	6.22	22.98	40.48	2.18
Principale	4900	tr 50	52.85	65.54	66.26	66.51	67.07	0.019437	5.00	16.40	34.89	2.11
Principale	4900	tr 100	62.82	65.54	66.31	66.57	67.23	0.019996	5.36	18.23	35.38	2.17
Principale	4900	tr 200	72.89	65.54	66.36	66.56	67.38	0.020297	5.67	20.03	35.86	2.20
Principale	4900	tr 500	86.30	65.54	66.43	66.81	67.56	0.019923	5.97	22.56	36.54	2.21
Principale	4850	tr 50	52.85	64.83	65.93	65.75	66.07	0.003259	1.60	34.60	53.38	0.52
Principale	4850	tr 100	62.82	64.83	66.02	65.82	66.17	0.003185	1.67	39.36	55.67	0.52
Principale	4850	tr 200	72.89	64.83	66.12	65.88	66.28	0.002902	1.70	45.11	58.08	0.50
Principale	4850	tr 500	86.30	64.83	66.23	65.95	66.39	0.002808	1.77	51.35	60.41	0.50
Principale	4781.277	tr 50	52.85	64.40	65.95		65.99	0.000329	1.13	78.58	67.06	0.30

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)	
Principale	4781.277	tr 100	62.82	64.40	66.04		66.08	0.000375	1.26	84.47	68.26	0.32
Principale	4781.277	tr 200	72.89	64.40	66.14		66.18	0.000401	1.35	91.29	69.73	0.33
Principale	4781.277	tr 500	86.30	64.40	66.24		66.30	0.000445	1.48	98.62	70.61	0.35
Principale	4724.486	tr 50	52.85	61.86	65.96	64.40	65.97	0.000066	0.62	142.96	75.63	0.10
Principale	4724.486	tr 100	62.82	61.86	66.05	64.46	66.06	0.000081	0.70	149.73	76.13	0.11
Principale	4724.486	tr 200	72.89	61.86	66.15	64.53	66.17	0.000094	0.77	157.40	76.69	0.12
Principale	4724.486	tr 500	86.30	61.86	66.26	64.61	66.28	0.000113	0.86	165.61	77.33	0.13
Principale	4705.579		Culvert									
Principale	4688.710	tr 50	52.85	61.66	63.28	63.28	63.60	0.014543	2.53	22.24	36.80	0.67
Principale	4688.710	tr 100	62.82	61.66	63.39	63.39	63.71	0.013145	2.52	26.43	42.02	0.64
Principale	4688.710	tr 200	72.89	61.66	63.46	63.46	63.81	0.012905	2.58	29.48	43.08	0.64
Principale	4688.710	tr 500	86.30	61.66	63.55	63.55	63.93	0.012616	2.64	33.30	44.28	0.64
Principale	4650	tr 50	52.85	61.92	62.60	62.69	62.99	0.016634	3.68	23.32	51.96	1.46
Principale	4650	tr 100	62.82	61.92	62.64	62.76	63.10	0.018130	4.00	25.41	52.52	1.55
Principale	4650	tr 200	72.89	61.92	62.68	62.82	63.20	0.018653	4.24	27.78	53.16	1.59
Principale	4650	tr 500	86.30	61.92	62.74	62.90	63.32	0.019123	4.52	30.81	54.01	1.63
Principale	4600	tr 50	52.85	61.34	62.35	62.23	62.54	0.003262	2.64	37.34	54.82	0.88
Principale	4600	tr 100	62.82	61.34	62.45	62.31	62.66	0.003033	2.73	43.06	56.44	0.86
Principale	4600	tr 200	72.89	61.34	62.56	62.38	62.77	0.002824	2.81	48.86	58.14	0.84
Principale	4600	tr 500	86.30	61.34	62.67	62.46	62.91	0.002943	3.05	55.65	66.09	0.88
Principale	4550	tr 50	65.70	61.00	61.97	61.97	62.32	0.005430	3.45	34.07	50.13	1.16
Principale	4550	tr 100	78.00	61.00	62.06	62.06	62.44	0.005286	3.62	38.76	51.64	1.16
Principale	4550	tr 200	90.41	61.00	62.15	62.15	62.55	0.005264	3.80	43.02	52.91	1.17
Principale	4550	tr 500	106.93	61.00	62.24	62.24	62.69	0.005309	4.03	48.10	54.02	1.19
Principale	4500	tr 50	65.70	60.03	61.38	61.54	61.96	0.008022	4.28	27.88	43.88	1.45
Principale	4500	tr 100	78.00	60.03	61.46	61.63	62.09	0.007871	4.48	31.83	45.28	1.45
Principale	4500	tr 200	90.41	60.03	61.55	61.71	62.21	0.007714	4.65	35.60	46.19	1.44
Principale	4500	tr 500	106.93	60.03	61.65	61.82	62.36	0.007488	4.84	40.44	47.06	1.43
Principale	4450	tr 50	65.70	59.06	59.89	60.23	61.19	0.030947	6.58	17.53	45.63	2.95
Principale	4450	tr 100	78.00	59.06	59.94	60.30	61.33	0.030459	6.85	19.98	46.90	2.92
Principale	4450	tr 200	90.41	59.06	59.99	60.38	61.45	0.029894	7.08	22.36	47.62	2.89
Principale	4450	tr 500	106.93	59.06	60.05	60.48	61.61	0.029222	7.36	25.39	48.39	2.86
Principale	4400	tr 50	65.70	58.12	58.94	59.21	59.81	0.020379	5.30	21.42	42.20	2.07
Principale	4400	tr 100	78.00	58.12	59.01	59.30	59.97	0.019984	5.61	24.49	45.22	2.09
Principale	4400	tr 200	90.41	58.12	59.07	59.38	60.12	0.019781	5.89	27.37	47.19	2.11
Principale	4400	tr 500	106.93	58.12	59.14	59.49	60.29	0.019743	6.23	30.75	47.95	2.13
Principale	4350	tr 50	65.70	57.46	58.11	58.24	58.75	0.018547	4.51	20.27	40.00	2.08
Principale	4350	tr 100	78.00	57.46	58.17	58.48	58.91	0.018870	4.87	22.84	42.51	2.11
Principale	4350	tr 200	90.41	57.46	58.29	58.55	59.08	0.018078	5.33	28.58	54.01	2.10
Principale	4350	tr 500	106.93	57.46	58.36	58.64	59.24	0.018275	5.70	32.56	57.77	2.13
Principale	4300	tr 50	65.70	56.37	57.25	57.46	57.93	0.014566	4.87	26.67	55.17	1.88
Principale	4300	tr 100	78.00	56.37	57.30	57.54	58.06	0.015159	5.20	29.74	56.66	1.93
Principale	4300	tr 200	90.41	56.37	57.35	57.61	58.21	0.016220	5.57	32.30	58.20	2.01
Principale	4300	tr 500	106.93	56.37	57.41	57.69	58.36	0.016533	5.91	36.14	59.71	2.05
Principale	4250	tr 50	65.70	55.06	55.89	56.13	56.70	0.046181	4.89	17.49	43.17	2.17
Principale	4250	tr 100	78.00	55.06	55.95	56.21	56.83	0.043911	5.10	19.91	44.09	2.15
Principale	4250	tr 200	90.41	55.06	56.00	56.28	56.95	0.041894	5.28	22.29	44.98	2.13
Principale	4250	tr 500	106.93	55.06	56.06	56.38	57.11	0.040341	5.53	25.22	46.06	2.13
Principale	4200	tr 50	65.70	54.24	55.45	55.57	55.91	0.006510	3.95	32.20	59.52	1.36
Principale	4200	tr 100	78.00	54.24	55.52	55.65	56.02	0.006714	4.19	36.29	61.24	1.39
Principale	4200	tr 200	90.41	54.24	55.58	55.72	56.13	0.006935	4.41	40.06	62.62	1.42
Principale	4200	tr 500	106.93	54.24	55.65	55.81	56.26	0.007241	4.69	44.67	64.26	1.46
Principale	4150	tr 50	65.70	53.90	54.87	55.00	55.39	0.019329	3.72	21.93	41.54	1.46
Principale	4150	tr 100	78.00	53.90	54.95	55.07	55.51	0.017854	3.87	25.55	44.33	1.43
Principale	4150	tr 200	90.41	53.90	55.03	55.21	55.62	0.016597	4.00	29.23	46.76	1.40
Principale	4150	tr 500	106.93	53.90	55.14	55.30	55.76	0.015210	4.15	34.69	56.49	1.37
Principale	4100	tr 50	65.70	53.02	54.13	54.30	54.75	0.009016	4.34	26.61	41.03	1.46
Principale	4100	tr 100	78.00	53.02	54.21	54.40	54.89	0.008953	4.58	30.03	41.72	1.48
Principale	4100	tr 200	90.41	53.02	54.29	54.49	55.02	0.008797	4.79	33.50	44.37	1.48
Principale	4100	tr 500	106.93	53.02	54.39	54.55	55.18	0.008696	5.05	38.23	52.53	1.50
Principale	4050.000	tr 50	65.70	50.88	51.91	52.29	53.55	0.109491	7.11	13.98	38.96	3.27
Principale	4050.000	tr 100	78.00	50.88	51.96	52.34	53.71	0.103884	7.40	16.06	43.79	3.24
Principale	4050.000	tr 200	90.41	50.88	52.01	52.41	53.86	0.100178	7.69	18.33	54.75	3.23
Principale	4050.000	tr 500	106.93	50.88	52.06	52.49	54.03	0.096713	8.03	21.40	55.31	3.22
Principale	4000.000	tr 50	65.70	51.34	52.14	52.14	52.41	0.007284	3.36	38.29	66.78	1.25
Principale	4000.000	tr 100	78.00	51.34	52.20	52.20	52.51	0.007467	3.59	42.51	68.11	1.28

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)	
Principale	4000.000	tr 200	90.41	51.34	52.27	52.27	52.60	0.007110	3.71	47.69	72.04	1.27
Principale	4000.000	tr 500	106.93	51.34	52.36	52.36	52.71	0.007002	3.91	53.70	73.80	1.28
Principale	3950.000	tr 50	65.70	48.86	50.39	50.39	51.15	0.016901	5.18	22.00	43.69	1.45
Principale	3950.000	tr 100	78.00	48.86	50.73	50.73	50.98	0.005496	3.45	46.25	71.66	0.86
Principale	3950.000	tr 200	90.41	48.86	50.39	50.78	51.83	0.031856	7.12	22.06	43.82	2.00
Principale	3950.000	tr 500	106.93	48.86	50.51	50.85	51.97	0.029371	7.27	27.88	47.50	1.95
Principale	3900.000	tr 50	65.70	46.88	49.46	49.46	49.68	0.004243	2.75	41.72	61.76	0.77
Principale	3900.000	tr 100	78.00	46.88	49.53	49.53	49.76	0.004908	2.85	45.66	63.06	0.79
Principale	3900.000	tr 200	90.41	46.88	49.58	49.58	49.83	0.005604	2.97	48.99	64.13	0.83
Principale	3900.000	tr 500	106.93	46.88	49.62	49.62	49.92	0.006912	3.27	51.49	64.87	0.90
Principale	3850.000	tr 50	65.70	46.68	48.88	48.88	49.13	0.001799	3.40	56.53	79.40	0.87
Principale	3850.000	tr 100	78.00	46.68	48.92	48.92	49.22	0.002170	3.80	59.93	79.78	0.96
Principale	3850.000	tr 200	90.41	46.68	48.87	48.99	49.56	0.004438	5.32	45.12	63.49	1.37
Principale	3850.000	tr 500	106.93	46.68	49.07	49.07	49.43	0.002448	4.29	72.17	80.94	1.04
Principale	3800.000	tr 50	65.70	45.22	47.02	47.41	48.68	0.045511	6.46	13.41	27.60	2.41
Principale	3800.000	tr 100	78.00	45.22	47.10	47.44	48.80	0.041521	6.61	15.62	28.13	2.34
Principale	3800.000	tr 200	90.41	45.22	47.13	47.44	49.13	0.046420	7.20	16.64	28.29	2.49
Principale	3800.000	tr 500	106.93	45.22	47.20	47.72	48.97	0.040166	7.05	22.57	44.51	2.35
Principale	3750.000	tr 50	65.70	45.84	46.65	46.70	46.96	0.017191	3.58	30.11	72.26	1.66
Principale	3750.000	tr 100	78.00	45.84	46.68	46.76	47.05	0.018802	3.94	32.63	72.90	1.77
Principale	3750.000	tr 200	90.41	45.84	46.71	46.81	47.16	0.021181	4.33	34.55	73.63	1.90
Principale	3750.000	tr 500	106.93	45.84	46.78	46.90	47.25	0.018887	4.48	39.90	75.14	1.84
Principale	3700.000	tr 50	65.70	43.91	45.26	45.44	45.84	0.028740	4.63	24.36	70.56	1.73
Principale	3700.000	tr 100	78.00	43.91	45.31	45.48	45.90	0.028058	4.73	27.88	71.52	1.75
Principale	3700.000	tr 200	90.41	43.91	45.36	45.54	45.95	0.026986	4.79	31.37	72.35	1.75
Principale	3700.000	tr 500	106.93	43.91	45.40	45.59	46.07	0.029364	5.12	34.21	72.99	1.85
Principale	3650.000	tr 50	65.70	43.21	44.24	44.46	45.02	0.010044	4.77	23.82	50.72	1.64
Principale	3650.000	tr 100	78.00	43.21	44.33	44.63	45.13	0.009297	4.89	28.74	53.38	1.60
Principale	3650.000	tr 200	90.41	43.21	44.41	44.70	45.21	0.008872	5.01	33.00	57.61	1.58
Principale	3650.000	tr 500	106.93	43.21	44.52	44.79	45.35	0.008297	5.16	40.06	68.02	1.54
Principale	3600.000	tr 50	65.70	43.31	43.95	43.85	44.12	0.006922	2.60	38.65	69.72	1.17
Principale	3600.000	tr 100	78.00	43.31	43.78	43.91	44.26	0.030463	4.09	26.85	66.00	2.28
Principale	3600.000	tr 200	90.41	43.31	43.81	43.97	44.37	0.032950	4.50	28.76	66.49	2.40
Principale	3600.000	tr 500	106.93	43.31	43.83	44.05	44.54	0.038034	5.09	30.60	67.24	2.61
Principale	3537.700	tr 50	65.70	42.56	43.34	43.34	43.64	0.008379	3.42	31.84	53.53	1.37
Principale	3537.700	tr 100	78.00	42.56	43.40	43.40	43.74	0.008402	3.65	35.41	53.99	1.40
Principale	3537.700	tr 200	90.41	42.56	43.47	43.47	43.85	0.008211	3.84	39.25	54.96	1.40
Principale	3537.700	tr 500	106.93	42.56	43.57	43.57	43.98	0.007697	4.02	44.72	56.44	1.38
Principale	3500.000	tr 50	65.70	41.28	41.89	42.23	43.00	0.033184	5.88	16.20	29.06	2.60
Principale	3500.000	tr 100	78.00	41.28	41.99	42.34	43.14	0.027458	6.00	19.08	29.62	2.43
Principale	3500.000	tr 200	90.41	41.28	42.09	42.45	43.28	0.023627	6.13	21.91	30.18	2.31
Principale	3500.000	tr 500	106.93	41.28	42.21	42.59	43.45	0.020157	6.28	25.58	30.88	2.19
Principale	3450.000	tr 50	65.70	40.02	40.83	41.04	41.51	0.022750	5.07	24.58	65.91	2.18
Principale	3450.000	tr 100	78.00	40.02	40.85	41.10	41.69	0.026868	5.66	26.18	66.63	2.38
Principale	3450.000	tr 200	90.41	40.02	40.88	41.17	41.88	0.030806	6.21	27.69	67.34	2.57
Principale	3450.000	tr 500	106.93	40.02	40.90	41.24	42.13	0.036029	6.91	29.50	68.21	2.79
Principale	3400.000	tr 50	65.70	39.46	40.40	40.50	40.75	0.008490	3.55	36.75	80.89	1.22
Principale	3400.000	tr 100	78.00	39.46	40.46	40.54	40.83	0.008784	3.76	41.54	84.52	1.25
Principale	3400.000	tr 200	90.41	39.46	40.51	40.62	40.92	0.009281	4.00	45.63	87.79	1.30
Principale	3400.000	tr 500	106.93	39.46	40.56	40.69	41.02	0.010231	4.32	49.70	88.90	1.37
Principale	3350.000	tr 50	65.70	38.39	39.78	39.94	40.28	0.009680	4.15	33.63	82.53	1.46
Principale	3350.000	tr 100	78.00	38.39	39.84	40.00	40.35	0.009987	4.32	38.05	85.39	1.48
Principale	3350.000	tr 200	90.41	38.39	39.90	40.07	40.42	0.010057	4.47	43.34	91.54	1.48
Principale	3350.000	tr 500	106.93	38.39	39.96	40.12	40.50	0.010163	4.62	49.23	94.09	1.48
Principale	3300.000	tr 50	65.70	38.62	39.40	39.37	39.57	0.015903	2.33	36.79	92.04	1.06
Principale	3300.000	tr 100	78.00	38.62	39.55	39.43	39.67	0.009005	1.99	51.10	103.94	0.84
Principale	3300.000	tr 200	90.41	38.62	39.60	39.48	39.74	0.008685	2.04	56.81	105.20	0.85
Principale	3300.000	tr 500	106.93	38.62	39.63	39.54	39.80	0.010094	2.25	60.24	105.87	0.92
Principale	3250.000	tr 50	65.70	36.78	39.09	38.98	39.25	0.003405	2.58	50.34	88.38	0.70
Principale	3250.000	tr 100	78.00	36.78	39.06	39.04	39.31	0.005407	3.21	47.82	85.54	0.87
Principale	3250.000	tr 200	90.41	36.78	39.14	39.14	39.39	0.005168	3.25	55.22	91.19	0.86
Principale	3250.000	tr 500	106.93	36.78	39.29	39.22	39.49	0.004174	2.97	68.61	93.60	0.78
Principale	3223.162		Culvert									
Principale	3200.000	tr 50	65.70	34.62	36.98	36.98	37.27	0.007431	2.93	35.03	59.01	0.83
Principale	3200.000	tr 100	78.00	34.62	37.07	37.07	37.36	0.007235	3.02	40.28	60.69	0.83
Principale	3200.000	tr 200	90.41	34.62	37.13	37.13	37.45	0.007639	3.20	44.04	61.87	0.86

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)	
Principale	3200.000	tr 500	106.93	34.62	37.22	37.22	37.56	0.007634	3.33	49.73	63.29	0.86
Principale	3150	tr 50	65.70	33.85	35.90	36.17	36.67	0.018818	4.66	22.66	51.00	1.55
Principale	3150	tr 100	78.00	33.85	35.97	36.26	36.77	0.018242	4.83	26.66	58.33	1.55
Principale	3150	tr 200	90.41	33.85	36.04	36.31	36.85	0.017464	4.95	31.08	64.88	1.53
Principale	3150	tr 500	106.93	33.85	36.12	36.36	36.96	0.017264	5.15	36.43	74.11	1.54
Principale	3100	tr 50	65.70	33.01	35.10	35.32	35.76	0.016567	4.37	23.05	44.38	1.46
Principale	3100	tr 100	78.00	33.01	35.17	35.42	35.88	0.016426	4.59	26.52	49.08	1.47
Principale	3100	tr 200	90.41	33.01	35.24	35.49	36.00	0.016232	4.78	30.36	55.05	1.48
Principale	3100	tr 500	106.93	33.01	35.33	35.62	36.12	0.015762	4.98	35.59	61.84	1.48
Principale	3050	tr 50	65.70	31.86	34.41	34.61	35.00	0.013254	4.08	25.84	52.81	1.30
Principale	3050	tr 100	78.00	31.86	34.49	34.68	35.12	0.013387	4.31	30.31	60.50	1.32
Principale	3050	tr 200	90.41	31.86	34.55	34.80	35.22	0.013946	4.55	33.69	63.72	1.36
Principale	3050	tr 500	106.93	31.86	34.61	34.84	35.35	0.014570	4.83	38.07	68.04	1.40
Principale	3000	tr 50	65.70	31.50	33.57	33.78	34.28	0.014914	4.35	24.00	52.58	1.34
Principale	3000	tr 100	78.00	31.50	33.65	33.92	34.40	0.014950	4.57	28.50	61.68	1.36
Principale	3000	tr 200	90.41	31.50	33.71	33.99	34.49	0.014977	4.74	32.59	64.07	1.38
Principale	3000	tr 500	106.93	31.50	33.79	34.06	34.60	0.015163	4.96	37.38	66.78	1.40
Principale	2950	tr 50	65.70	30.56	32.71	33.04	33.71	0.008079	5.17	25.36	57.15	1.72
Principale	2950	tr 100	78.00	30.56	32.78	33.12	33.82	0.008361	5.38	29.72	60.93	1.72
Principale	2950	tr 200	90.41	30.56	32.85	33.19	33.91	0.008451	5.54	34.21	64.85	1.71
Principale	2950	tr 500	106.93	30.56	32.94	33.25	34.02	0.008494	5.73	40.20	69.65	1.70
Principale	2900	tr 50	65.70	30.33	31.75	32.10	33.09	0.018445	6.30	22.16	62.40	2.46
Principale	2900	tr 100	78.00	30.33	31.81	32.15	33.18	0.018825	6.54	25.61	64.92	2.46
Principale	2900	tr 200	90.41	30.33	31.86	32.22	33.27	0.018843	6.73	29.32	69.10	2.44
Principale	2900	tr 500	106.93	30.33	31.92	32.31	33.37	0.019040	6.98	33.63	71.83	2.43
Principale	2850	tr 50	65.70	29.39	30.90	31.17	31.82	0.029082	5.24	21.69	62.02	1.91
Principale	2850	tr 100	78.00	29.39	30.95	31.24	31.91	0.028676	5.45	25.08	64.31	1.92
Principale	2850	tr 200	90.41	29.39	31.00	31.30	31.99	0.028467	5.66	28.54	68.51	1.93
Principale	2850	tr 500	106.93	29.39	31.07	31.38	32.10	0.028110	5.88	32.91	72.89	1.94
Principale	2800	tr 50	65.70	28.52	30.30	30.47	30.88	0.010951	4.03	28.21	61.58	1.24
Principale	2800	tr 100	78.00	28.52	30.38	30.58	30.97	0.010822	4.18	32.77	63.95	1.24
Principale	2800	tr 200	90.41	28.52	30.44	30.62	31.05	0.010773	4.34	37.31	67.62	1.25
Principale	2800	tr 500	106.93	28.52	30.53	30.73	31.16	0.010584	4.51	43.56	73.96	1.26
Principale	2750	tr 50	65.70	28.08	29.55	29.78	30.18	0.018180	4.41	25.03	60.85	1.53
Principale	2750	tr 100	78.00	28.08	29.61	29.84	30.27	0.017977	4.61	29.30	69.04	1.54
Principale	2750	tr 200	90.41	28.08	29.69	29.91	30.37	0.017431	4.78	34.54	75.78	1.54
Principale	2750	tr 500	106.93	28.08	29.75	29.99	30.48	0.017854	5.03	39.21	79.09	1.57
Principale	2700	tr 50	65.70	27.92	28.92	29.08	29.43	0.011525	4.32	30.93	69.59	1.63
Principale	2700	tr 100	78.00	27.92	28.99	29.17	29.53	0.011406	4.55	35.73	75.17	1.64
Principale	2700	tr 200	90.41	27.92	29.04	29.22	29.63	0.011682	4.80	39.78	79.28	1.67
Principale	2700	tr 500	106.93	27.92	29.11	29.29	29.74	0.011381	5.00	45.84	84.80	1.67
Principale	2650	tr 50	65.70	26.58	28.11	28.29	28.76	0.015015	4.35	26.35	62.46	1.42
Principale	2650	tr 100	78.00	26.58	28.17	28.42	28.86	0.015262	4.58	30.51	67.70	1.45
Principale	2650	tr 200	90.41	26.58	28.23	28.48	28.95	0.015465	4.78	34.33	70.98	1.47
Principale	2650	tr 500	106.93	26.58	28.29	28.54	29.06	0.015833	5.02	38.91	75.53	1.51
Principale	2600	tr 50	65.70	25.88	27.57	27.72	28.01	0.012669	3.79	30.47	72.69	1.28
Principale	2600	tr 100	78.00	25.88	27.63	27.79	28.10	0.012829	3.99	35.27	82.77	1.31
Principale	2600	tr 200	90.41	25.88	27.71	27.86	28.18	0.012586	4.14	41.37	88.04	1.31
Principale	2600	tr 500	106.93	25.88	27.77	27.91	28.27	0.012778	4.34	46.95	91.32	1.33
Principale	2550	tr 50	65.70	25.44	26.96	27.14	27.38	0.012183	3.77	31.54	76.82	1.27
Principale	2550	tr 100	78.00	25.44	27.03	27.18	27.47	0.012048	3.95	37.25	85.21	1.28
Principale	2550	tr 200	90.41	25.44	27.08	27.24	27.56	0.012419	4.15	41.87	92.03	1.31
Principale	2550	tr 500	106.93	25.44	27.15	27.29	27.64	0.012325	4.32	48.69	99.46	1.32
Principale	2500	tr 50	65.70	24.51	26.80	26.41	26.85	0.001401	1.43	79.33	112.46	0.38
Principale	2500	tr 100	78.00	24.51	26.87	26.48	26.93	0.001469	1.51	87.75	113.91	0.39
Principale	2500	tr 200	90.41	24.51	26.93	26.52	26.99	0.001567	1.60	94.89	114.94	0.40
Principale	2500	tr 500	106.93	24.51	27.02	26.60	27.09	0.001626	1.69	105.21	117.26	0.42
Principale	2492.879		Bridge									
Principale	2450	tr 50	65.70	23.78	25.54	25.74	26.15	0.024727	4.42	25.66	73.59	1.59
Principale	2450	tr 100	78.00	23.78	25.60	25.79	26.21	0.023904	4.55	29.73	76.29	1.58
Principale	2450	tr 200	90.41	23.78	25.65	25.84	26.27	0.023039	4.65	34.03	80.56	1.56
Principale	2450	tr 500	106.93	23.78	25.71	25.92	26.35	0.022327	4.79	39.31	85.07	1.56
Principale	2400	tr 50	65.70	23.14	24.96	25.04	25.30	0.010483	3.45	34.87	82.00	1.13
Principale	2400	tr 100	78.00	23.14	25.02	25.11	25.38	0.010428	3.59	39.86	84.33	1.14
Principale	2400	tr 200	90.41	23.14	25.07	25.15	25.45	0.010579	3.74	44.33	86.51	1.16
Principale	2400	tr 500	106.93	23.14	25.14	25.24	25.54	0.010532	3.89	50.36	89.52	1.17

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
Principale	2350	tr 50	65.70	22.64	24.38	24.48	24.76	0.011195	3.67	34.29	84.71	1.24
Principale	2350	tr 100	78.00	22.64	24.43	24.55	24.83	0.011176	3.82	39.11	87.15	1.25
Principale	2350	tr 200	90.41	22.64	24.49	24.59	24.90	0.011210	3.96	43.60	88.97	1.27
Principale	2350	tr 500	106.93	22.64	24.55	24.66	24.99	0.011254	4.13	49.23	91.02	1.28
Principale	2300	tr 50	65.70	21.95	23.68	23.88	24.31	0.006685	4.55	33.51	76.47	1.59
Principale	2300	tr 100	78.00	21.95	23.75	23.95	24.39	0.006529	4.66	39.90	83.56	1.56
Principale	2300	tr 200	90.41	21.95	23.82	24.02	24.46	0.006522	4.79	45.14	87.01	1.55
Principale	2300	tr 500	106.93	21.95	23.89	24.10	24.54	0.006476	4.94	51.89	89.44	1.54
Principale	2250	tr 50	65.70	21.76	22.95	23.19	23.81	0.014684	5.44	27.14	74.18	2.15
Principale	2250	tr 100	78.00	21.76	23.00	23.27	23.89	0.014827	5.63	31.31	77.38	2.14
Principale	2250	tr 200	90.41	21.76	23.07	23.33	23.96	0.014553	5.77	36.22	85.23	2.10
Principale	2250	tr 500	106.93	21.76	23.12	23.42	24.05	0.014688	5.98	41.22	87.39	2.10
Principale	2200	tr 50	65.70	21.25	22.28	22.50	22.99	0.016568	5.36	28.73	78.22	2.34
Principale	2200	tr 100	78.00	21.25	22.33	22.57	23.06	0.016494	5.52	33.22	83.48	2.30
Principale	2200	tr 200	90.41	21.25	22.38	22.62	23.14	0.016902	5.72	36.79	85.34	2.30
Principale	2200	tr 500	106.93	21.25	22.44	22.69	23.22	0.016684	5.88	42.21	90.54	2.26
Principale	2150	tr 50	65.70	21.24	21.97	21.99	22.21	0.010096	3.41	39.29	93.07	1.49
Principale	2150	tr 100	78.00	21.24	22.02	22.03	22.29	0.010069	3.62	44.20	95.71	1.51
Principale	2150	tr 200	90.41	21.24	22.08	22.10	22.37	0.009668	3.78	49.95	101.42	1.50
Principale	2150	tr 500	106.93	21.24	22.14	22.19	22.46	0.009730	4.02	56.27	106.87	1.53
Principale	2100	tr 50	65.70	19.53	20.69	20.94	21.52	0.017120	5.32	24.75	60.49	2.12
Principale	2100	tr 100	78.00	19.53	20.75	21.00	21.60	0.016680	5.49	28.49	62.91	2.09
Principale	2100	tr 200	90.41	19.53	20.81	21.10	21.70	0.016420	5.68	32.34	66.10	2.08
Principale	2100	tr 500	106.93	19.53	20.88	21.18	21.80	0.015856	5.86	37.43	71.70	2.05
Principale	2050	tr 50	65.70	18.80	20.04	20.17	20.52	0.018586	4.05	26.98	61.58	1.50
Principale	2050	tr 100	78.00	18.80	20.10	20.25	20.62	0.018781	4.27	30.37	63.34	1.53
Principale	2050	tr 200	90.41	18.80	20.15	20.35	20.71	0.019191	4.49	33.58	65.16	1.56
Principale	2050	tr 500	106.93	18.80	20.22	20.40	20.84	0.019407	4.76	38.11	70.75	1.59
Principale	2000.000	tr 50	65.70	18.00	19.32	19.44	19.73	0.013637	3.74	30.32	67.72	1.30
Principale	2000.000	tr 100	78.00	18.00	19.38	19.50	19.81	0.013685	3.92	34.35	69.35	1.32
Principale	2000.000	tr 200	90.41	18.00	19.44	19.54	19.90	0.013581	4.07	38.58	72.26	1.32
Principale	2000.000	tr 500	106.93	18.00	19.50	19.64	20.00	0.013877	4.30	43.24	74.97	1.35
Principale	1950.000	tr 50	65.70	17.15	18.53	18.73	19.18	0.008478	4.45	30.08	65.26	1.49
Principale	1950.000	tr 100	78.00	17.15	18.60	18.78	19.26	0.008382	4.62	34.67	66.73	1.49
Principale	1950.000	tr 200	90.41	17.15	18.66	18.84	19.35	0.008370	4.78	38.84	67.88	1.50
Principale	1950.000	tr 500	106.93	17.15	18.74	18.94	19.45	0.008285	4.97	44.30	71.58	1.50
Principale	1900.000	tr 50	65.70	16.65	17.60	17.87	18.58	0.015624	5.56	25.22	66.94	2.12
Principale	1900.000	tr 100	78.00	16.65	17.65	17.95	18.67	0.015558	5.79	28.85	67.70	2.13
Principale	1900.000	tr 200	90.41	16.65	17.70	17.97	18.76	0.015442	6.00	32.35	68.51	2.13
Principale	1900.000	tr 500	106.93	16.65	17.77	18.16	18.87	0.015267	6.24	36.83	69.74	2.13
Principale	1865.661	tr 50	65.70	16.37	17.09	17.36	17.90	0.021567	5.25	24.17	69.52	2.07
Principale	1865.661	tr 100	78.00	16.37	17.14	17.46	18.00	0.021430	5.49	27.86	72.57	2.08
Principale	1865.661	tr 200	90.41	16.37	17.19	17.50	18.10	0.021138	5.71	31.88	77.18	2.09
Principale	1865.661	tr 500	106.93	16.37	17.25	17.52	18.21	0.021067	5.98	36.76	82.72	2.10
Principale	1818.186	tr 50	65.70	15.23	17.40	16.83	17.44	0.000335	1.21	124.39	139.13	0.30
Principale	1818.186	tr 100	78.00	15.23	17.45	16.89	17.49	0.000413	1.36	130.87	142.55	0.33
Principale	1818.186	tr 200	90.41	15.23	17.51	16.94	17.56	0.000472	1.48	139.98	148.72	0.35
Principale	1818.186	tr 500	106.93	15.23	17.56	17.02	17.62	0.000573	1.66	147.51	156.73	0.39
Principale	1794.506		Culvert									
Principale	1756.530	tr 50	65.70	14.21	15.10	15.03	15.21	0.008468	2.01	46.82	113.76	0.71
Principale	1756.530	tr 100	78.00	14.21	15.14		15.27	0.008656	2.10	52.12	120.67	0.72
Principale	1756.530	tr 200	90.41	14.21	15.19		15.33	0.008772	2.19	57.62	123.54	0.74
Principale	1756.530	tr 500	106.93	14.21	15.25		15.40	0.008771	2.29	65.45	130.80	0.74
Principale	1700.000	tr 50	65.70	14.02	14.37	14.37	14.54	0.018535	1.17	37.09	109.38	1.16
Principale	1700.000	tr 100	78.00	14.02	14.41	14.41	14.60	0.017966	1.35	42.26	112.32	1.12
Principale	1700.000	tr 200	90.41	14.02	14.45	14.45	14.65	0.017665	1.54	46.76	114.70	1.14
Principale	1700.000	tr 500	106.93	14.02	14.50	14.50	14.72	0.017776	1.81	52.78	119.27	1.19
Principale	1650.000	tr 50	90.43	13.15	13.26	13.27	13.51	0.022269	0.55	41.31	93.62	0.74
Principale	1650.000	tr 100	107.05	13.15	13.32	13.33	13.59	0.020470	0.70	46.99	94.42	0.76
Principale	1650.000	tr 200	123.77	13.15	13.39	13.38	13.66	0.017878	0.83	53.54	95.34	0.76
Principale	1650.000	tr 500	146.00	13.15	13.45	13.45	13.76	0.017838	1.07	59.29	96.14	0.88
Principale	1601.976	tr 50	90.43	13.32	12.55	12.49	12.69	0.014540		53.04	125.27	0.00
Principale	1601.976	tr 100	107.05	13.32	12.59	12.54	12.76	0.015180		57.99	125.62	0.00
Principale	1601.976	tr 200	123.77	13.32	12.62	12.58	12.82	0.015934		62.41	125.92	0.00
Principale	1601.976	tr 500	146.00	13.32	12.67	12.64	12.90	0.016454		68.32	126.32	0.00

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)	
Principale	1549.978	tr 50	90.43	11.32	11.66	11.66	11.82	0.019775	1.28	51.58	155.79	0.87
Principale	1549.978	tr 100	107.05	11.32	11.70	11.70	11.88	0.019179	1.41	58.04	160.56	0.88
Principale	1549.978	tr 200	123.77	11.32	11.74	11.74	11.94	0.018487	1.53	64.62	169.72	0.89
Principale	1549.978	tr 500	146.00	11.32	11.79	11.79	12.01	0.018203	1.67	72.62	176.83	0.90
Principale	1499.545	tr 50	90.43	10.60	11.05	10.92	11.12	0.005784	0.98	78.41	175.93	0.51
Principale	1499.545	tr 100	107.05	10.60	11.10	10.96	11.18	0.005775	1.06	87.40	180.36	0.52
Principale	1499.545	tr 200	123.77	10.60	11.15	10.99	11.24	0.005945	1.15	95.57	188.83	0.54
Principale	1499.545	tr 500	146.00	10.60	11.22	11.04	11.30	0.005870	1.26	114.25	224.89	0.55
Principale	1450.259	tr 50	90.43	10.18	10.70	10.61	10.79	0.008252	1.17	71.40	200.01	0.61
Principale	1450.259	tr 100	107.05	10.18	10.74	10.65	10.84	0.008725	1.28	78.73	206.30	0.64
Principale	1450.259	tr 200	123.77	10.18	10.78	10.69	10.89	0.008812	1.37	86.76	211.57	0.65
Principale	1450.259	tr 500	146.00	10.18	10.82	10.73	10.95	0.009082	1.48	96.25	218.45	0.67
Principale	1400	tr 50	90.43	9.50	10.00	10.00	10.14	0.023241	1.65	55.51	210.03	0.99
Principale	1400	tr 100	107.05	9.50	10.04	10.04	10.18	0.021216	1.71	63.75	214.10	0.96
Principale	1400	tr 200	123.77	9.50	10.06	10.06	10.23	0.021334	1.81	69.72	215.76	0.98
Principale	1400	tr 500	146.00	9.50	10.10	10.10	10.29	0.020456	1.90	78.45	221.08	0.97
Principale	1349	tr 50	90.43	8.37	9.25	8.97	9.30	0.002632	1.01	100.52	198.65	0.39
Principale	1349	tr 100	107.05	8.37	9.24	9.01	9.30	0.004027	1.23	97.53	197.90	0.48
Principale	1349	tr 200	123.77	8.37	9.21	9.05	9.31	0.006111	1.48	93.16	191.92	0.58
Principale	1349	tr 500	146.00	8.37	9.17	9.10	9.33	0.011169	1.91	84.62	179.48	0.78
Principale	1306	tr 50	90.43	7.87	9.28	8.42	9.28	0.000000	0.02	3379.73	1127.67	0.00
Principale	1306	tr 100	107.05	7.87	9.28	8.47	9.28	0.000000	0.02	3379.72	1127.67	0.00
Principale	1306	tr 200	123.77	7.87	9.28	8.51	9.28	0.000000	0.02	3379.71	1127.67	0.01
Principale	1306	tr 500	146.00	7.87	9.28	8.57	9.28	0.000001	0.02	3379.69	1127.67	0.01
Principale	1268	tr 50	90.43	7.17	9.28	7.86	9.28	0.000000	0.01	3906.21	973.68	0.00
Principale	1268	tr 100	107.05	7.17	9.28	7.86	9.28	0.000000	0.02	3906.20	973.68	0.00
Principale	1268	tr 200	123.77	7.17	9.28	7.86	9.28	0.000000	0.02	3906.19	973.68	0.00
Principale	1268	tr 500	146.00	7.17	9.28	7.86	9.28	0.000000	0.02	3906.17	973.68	0.01
Principale	1227	tr 50	90.43	8.25	9.28	9.28	9.28	0.000000	0.01	4083.07	894.93	0.00
Principale	1227	tr 100	107.05	8.25	9.28	9.28	9.28	0.000000	0.01	4083.06	894.93	0.00
Principale	1227	tr 200	123.77	8.25	9.28	9.28	9.28	0.000000	0.01	4083.05	894.93	0.00
Principale	1227	tr 500	146.00	8.25	9.28	9.28	9.28	0.000000	0.02	4083.04	894.93	0.01
Principale	1194.398		Culvert									
Principale	1176	tr 50	90.43	7.22	8.62	8.62	8.62	0.000000	0.02	3528.97	855.90	0.01
Principale	1176	tr 100	107.05	7.22	8.62	8.62	8.62	0.000000	0.02	3528.97	855.90	0.01
Principale	1176	tr 200	123.77	7.22	8.62	8.62	8.62	0.000000	0.03	3528.97	855.90	0.01
Principale	1176	tr 500	146.00	7.22	8.62	8.62	8.62	0.000000	0.03	3528.97	855.90	0.01
Principale	1115	tr 50	90.43	6.13	6.59	6.59	6.60	0.000403	0.62	174.03	170.94	0.35
Principale	1115	tr 100	107.05	6.13	6.59	6.59	6.61	0.000564	0.73	174.03	170.94	0.41
Principale	1115	tr 200	123.77	6.13	6.59	6.59	6.62	0.000754	0.84	174.03	170.94	0.48
Principale	1115	tr 500	146.00	6.13	6.59	6.59	6.63	0.001050	1.00	174.03	170.94	0.56
Principale	1050	tr 50	90.43	5.49	5.99	5.99	6.00	0.000486	0.77	176.53	234.53	0.39
Principale	1050	tr 100	107.05	5.49	5.99	5.99	6.01	0.000682	0.91	176.53	234.53	0.47
Principale	1050	tr 200	123.77	5.49	5.99	5.99	6.02	0.000911	1.05	176.53	234.53	0.54
Principale	1050	tr 500	146.00	5.49	5.99	5.99	6.03	0.001268	1.24	176.53	234.53	0.64
Principale	989	tr 50	90.43	5.00	5.44	5.44	5.45	0.000521	0.70	187.38	250.95	0.40
Principale	989	tr 100	107.05	5.00	5.44	5.44	5.46	0.000730	0.83	187.38	250.95	0.47
Principale	989	tr 200	123.77	5.00	5.44	5.44	5.46	0.000976	0.96	187.38	250.95	0.54
Principale	989	tr 500	146.00	5.00	5.44	5.44	5.47	0.001358	1.14	187.38	250.95	0.64
Principale	951	tr 50	90.43	4.81	5.09	5.09	5.10	0.000458	0.46	208.61	288.81	0.34
Principale	951	tr 100	107.05	4.81	5.09	5.09	5.10	0.000641	0.55	208.61	288.81	0.41
Principale	951	tr 200	123.77	4.81	5.09	5.09	5.11	0.000857	0.63	208.61	288.81	0.47
Principale	951	tr 500	146.00	4.81	5.09	5.09	5.11	0.001193	0.75	208.61	288.81	0.55
Principale	900	tr 50	90.43	4.58	5.01	4.85	5.01	0.000055	0.24	437.86	373.70	0.13
Principale	900	tr 100	107.05	4.58	5.01	4.85	5.01	0.000077	0.29	437.91	373.70	0.16
Principale	900	tr 200	123.77	4.58	5.01	4.85	5.01	0.000103	0.33	437.96	373.71	0.18
Principale	900	tr 500	146.00	4.58	5.01	4.85	5.02	0.000143	0.39	438.04	373.71	0.21
Principale	850	tr 50	90.43	4.22	5.01	4.40	5.01	0.000013	0.20	702.37	420.08	0.07
Principale	850	tr 100	107.05	4.22	5.01	4.40	5.01	0.000019	0.24	702.38	420.08	0.09
Principale	850	tr 200	123.77	4.22	5.01	4.40	5.01	0.000025	0.28	702.39	420.08	0.10
Principale	850	tr 500	146.00	4.22	5.01	4.40	5.01	0.000035	0.33	702.40	420.08	0.12
Principale	800	tr 50	90.43	4.55	5.01	5.01	5.01	0.000005	0.03	1027.17	496.74	0.01
Principale	800	tr 100	107.05	4.55	5.01	5.01	5.01	0.000006	0.03	1027.17	496.74	0.02
Principale	800	tr 200	123.77	4.55	5.01	5.01	5.01	0.000008	0.04	1027.17	496.74	0.02
Principale	800	tr 500	146.00	4.55	5.01	5.01	5.01	0.000012	0.04	1027.17	496.74	0.02
Principale	750.7093	tr 50	90.43	3.68	3.81	3.81	3.81	0.000029	0.07	594.29	500.64	0.08

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)	
Principale	750.7093	tr 100	107.05	3.68	3.81	3.81	3.81	0.000041	0.08	594.29	500.64	0.09
Principale	750.7093	tr 200	123.77	3.68	3.81	3.81	3.81	0.000055	0.09	594.29	500.64	0.10
Principale	750.7093	tr 500	146.00	3.68	3.81	3.81	3.81	0.000076	0.11	594.29	500.64	0.12
Principale	709.2474	tr 50	90.43	3.62	3.72	3.72	3.72	0.000023	0.04	601.83	436.82	0.06
Principale	709.2474	tr 100	107.05	3.62	3.72	3.72	3.72	0.000033	0.05	601.83	436.82	0.07
Principale	709.2474	tr 200	123.77	3.62	3.72	3.72	3.72	0.000044	0.06	601.83	436.82	0.08
Principale	709.2474	tr 500	146.00	3.62	3.72	3.72	3.72	0.000061	0.07	601.83	436.82	0.10
Principale	651.0852	tr 50	90.43	3.22	3.40	3.40	3.40	0.000028	0.09	549.63	402.02	0.08
Principale	651.0852	tr 100	107.05	3.22	3.40	3.40	3.40	0.000039	0.10	549.63	402.02	0.09
Principale	651.0852	tr 200	123.77	3.22	3.40	3.40	3.40	0.000052	0.12	549.63	402.02	0.11
Principale	651.0852	tr 500	146.00	3.22	3.40	3.40	3.40	0.000072	0.14	549.63	402.02	0.13
Principale	602.1801	tr 50	90.43	3.04	3.15	3.10	3.15	0.000053	0.04	408.76	365.47	0.05
Principale	602.1801	tr 100	107.05	3.04	3.15	3.10	3.15	0.000074	0.05	409.65	365.51	0.06
Principale	602.1801	tr 200	123.77	3.04	3.15	3.10	3.16	0.000098	0.06	410.71	365.57	0.06
Principale	602.1801	tr 500	146.00	3.04	3.16	3.10	3.16	0.000135	0.07	412.34	365.65	0.08
Principale	550.4567	tr 50	90.43	2.70	3.14	3.14	3.14	0.000104	0.17	301.51	330.89	0.09
Principale	550.4567	tr 100	107.05	2.70	3.14	3.14	3.15	0.000145	0.20	301.51	330.89	0.11
Principale	550.4567	tr 200	123.77	2.70	3.14	3.14	3.15	0.000194	0.23	301.51	330.89	0.12
Principale	550.4567	tr 500	146.00	2.70	3.14	3.14	3.15	0.000270	0.28	301.51	330.89	0.15
Principale	499.6911	tr 50	90.43	2.89	3.03	3.03	3.03	0.000045	0.04	384.45	324.45	0.04
Principale	499.6911	tr 100	107.05	2.89	3.03	3.03	3.03	0.000062	0.05	384.45	324.45	0.04
Principale	499.6911	tr 200	123.77	2.89	3.03	3.03	3.04	0.000084	0.06	384.45	324.45	0.05
Principale	499.6911	tr 500	146.00	2.89	3.03	3.03	3.04	0.000116	0.07	384.45	324.45	0.06
Principale	443.7534	tr 50	90.43	2.52	2.87	2.87	2.87	0.000049	0.18	363.49	309.50	0.12
Principale	443.7534	tr 100	107.05	2.52	2.87	2.87	2.87	0.000068	0.22	363.49	309.50	0.14
Principale	443.7534	tr 200	123.77	2.52	2.87	2.87	2.88	0.000091	0.25	363.49	309.50	0.16
Principale	443.7534	tr 500	146.00	2.52	2.87	2.87	2.88	0.000127	0.30	363.49	309.50	0.19
Principale	397.5638	tr 50	90.43	2.37	2.50	2.50	2.51	0.000090	0.10	286.95	280.82	0.11
Principale	397.5638	tr 100	107.05	2.37	2.50	2.50	2.51	0.000126	0.12	286.95	280.82	0.12
Principale	397.5638	tr 200	123.77	2.37	2.53	2.50	2.54	0.000152	0.17	296.55	283.77	0.14
Principale	397.5638	tr 500	146.00	2.37	2.61	2.50	2.62	0.000169	0.24	318.66	286.83	0.17
Principale	346.7955	tr 50	90.43	2.08	2.45	2.29	2.45	0.000125	0.31	247.25	244.97	0.19
Principale	346.7955	tr 100	107.05	2.08	2.46	2.29	2.47	0.000165	0.37	251.91	245.39	0.22
Principale	346.7955	tr 200	123.77	2.08	2.52	2.29	2.53	0.000184	0.45	266.43	246.81	0.24
Principale	346.7955	tr 500	146.00	2.08	2.60	2.29	2.61	0.000202	0.53	293.54	275.92	0.26
Principale	305.6681	tr 50	90.43	1.79	2.44	2.09	2.45	0.000129	0.50	245.33	256.59	0.22
Principale	305.6681	tr 100	107.05	1.79	2.46	2.09	2.47	0.000171	0.59	249.75	257.29	0.25
Principale	305.6681	tr 200	123.77	1.79	2.52	2.09	2.53	0.000192	0.67	264.80	260.68	0.27
Principale	305.6681	tr 500	146.00	1.79	2.59	2.09	2.60	0.000215	0.76	284.58	264.46	0.29
Principale	252.4028	tr 50	90.43	1.86	2.43	2.06	2.44	0.000172	0.47	208.86	214.66	0.22
Principale	252.4028	tr 100	107.05	1.86	2.44	2.06	2.46	0.000231	0.56	211.77	215.63	0.25
Principale	252.4028	tr 200	123.77	1.86	2.50	2.06	2.51	0.000260	0.63	223.96	219.69	0.27
Principale	252.4028	tr 500	146.00	1.86	2.57	2.06	2.59	0.000294	0.73	240.29	230.53	0.30
Principale	203.5798	tr 50	90.43	1.72	2.42	2.42	2.43	0.000174	0.59	199.83	184.26	0.25
Principale	203.5798	tr 100	107.05	1.72	2.43	2.42	2.44	0.000237	0.70	201.71	184.44	0.29
Principale	203.5798	tr 200	123.77	1.72	2.48	2.42	2.50	0.000272	0.79	211.72	186.10	0.31
Principale	203.5798	tr 500	146.00	1.72	2.55	2.42	2.58	0.000314	0.91	224.91	189.09	0.34
Principale	123.0525	tr 50	90.43	1.52	2.36	2.11	2.37	0.000113	0.39	219.80	175.28	0.15
Principale	123.0525	tr 100	107.05	1.52	2.42	2.11	2.43	0.000138	0.46	229.44	176.09	0.17
Principale	123.0525	tr 200	123.77	1.52	2.47	2.11	2.48	0.000163	0.52	238.62	176.88	0.19
Principale	123.0525	tr 500	146.00	1.52	2.54	2.11	2.56	0.000195	0.60	250.63	178.86	0.21
Principale	41.32458	tr 50	90.43	0.65	2.36	1.65	2.36	0.000084	0.51	237.31	181.47	0.13
Principale	41.32458	tr 100	107.05	0.65	2.41	1.65	2.42	0.000104	0.58	247.05	184.07	0.15
Principale	41.32458	tr 200	123.77	0.65	2.46	1.65	2.47	0.000125	0.65	256.35	185.50	0.16
Principale	41.32458	tr 500	146.00	0.65	2.53	1.65	2.54	0.000152	0.74	268.55	187.25	0.18
Principale	24.48486		Bridge									
Principale	12.18434	tr 50	90.43	0.53	2.14	1.42	2.17	0.000288	1.07	154.15	156.13	0.28
Principale	12.18434	tr 100	107.05	0.53	2.23	1.47	2.25	0.000317	1.16	167.24	157.55	0.29
Principale	12.18434	tr 200	123.77	0.53	2.31	1.51	2.33	0.000330	1.22	189.55	186.99	0.30
Principale	12.18434	tr 500	146.00	0.53	2.40	1.57	2.44	0.000355	1.32	207.82	191.23	0.31
Principale	2	tr 50	90.43	0.92	2.13	1.68	2.16	0.001000	0.87	124.92	168.10	0.27
Principale	2	tr 100	107.05	0.92	2.22	1.68	2.25	0.001000	0.91	139.07	171.34	0.27
Principale	2	tr 200	123.77	0.92	2.29	1.70	2.33	0.001001	0.95	152.66	174.40	0.28
Principale	2	tr 500	146.00	0.92	2.39	1.75	2.43	0.001001	1.00	169.99	186.54	0.28

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 12 : Edificato Ottava

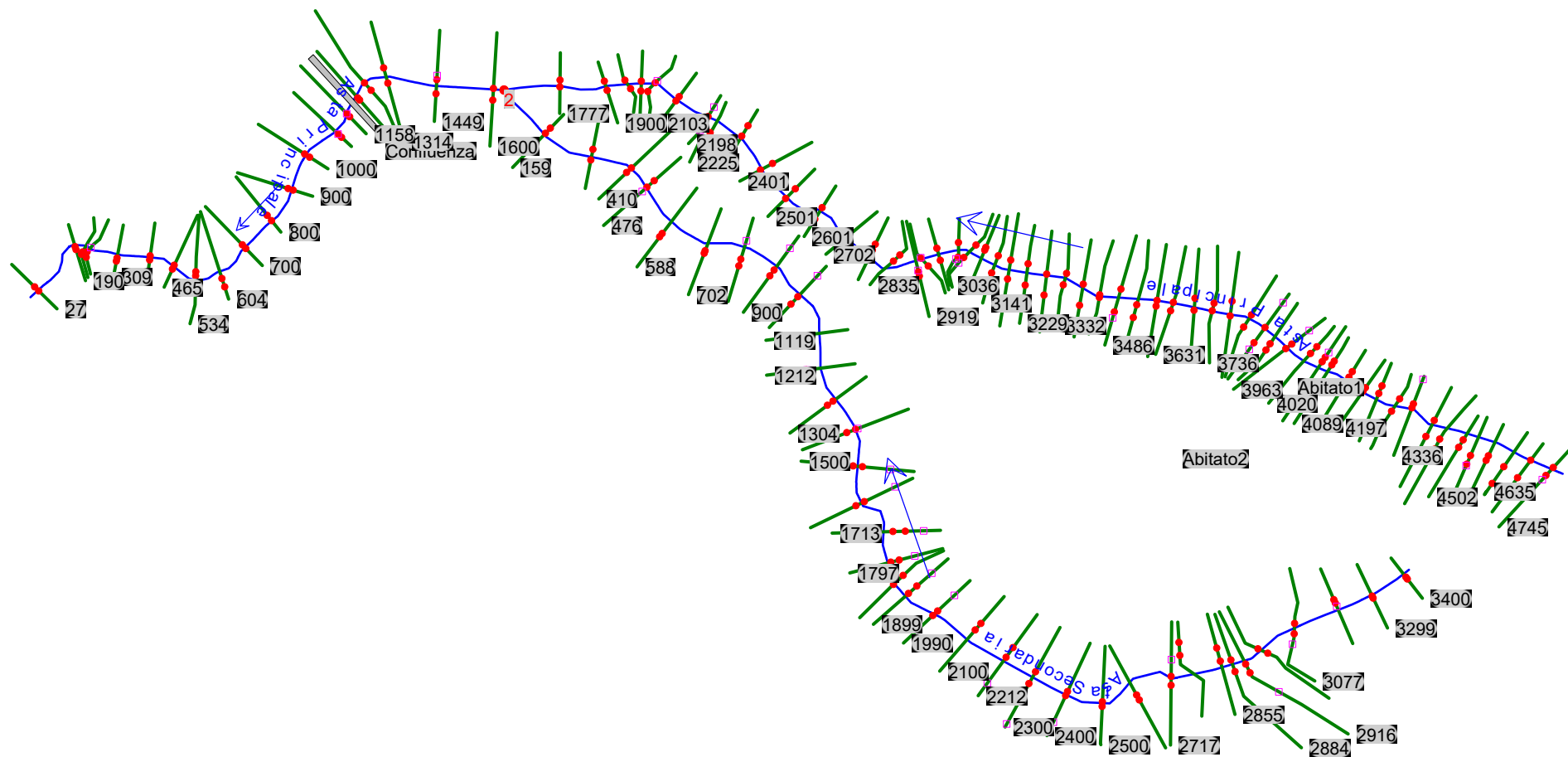
Componenti:

Asta principale
Asta secondaria

- 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;

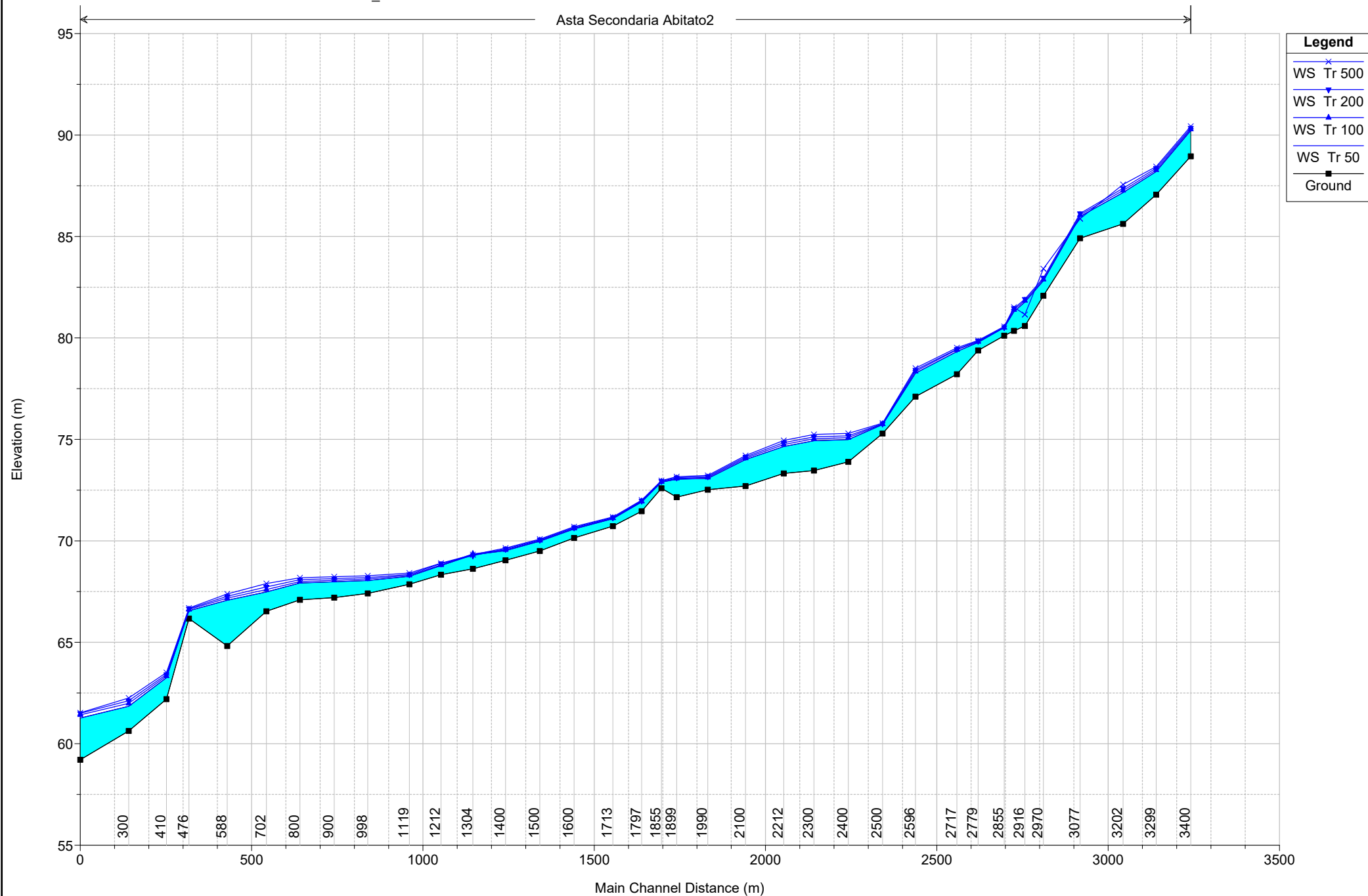
River	Reach	RS	PORTATE mc/s			
			Tr 50	Tr 100	Tr 200	Tr 500
Asta Principale	Abitato1	4745	13.16	15.647	18.161	21.519
Asta Principale	Confluenza	1600	34.271	40.672	47.128	55.718
Asta Secondaria	Abitato2	3400	16.574	19.732	22.923	27.178

River	Reach	PROFILI	condizioni al contorno	
			upstream	downstream
Asta Principale	Abitato1	all	Critical Depth	Junction=2
Asta Principale	Confluenza	all	Junction=2	Normal Depth S = 0.024456
Asta Secondaria	Abitato2	all	Critical Depth	Junction=2



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

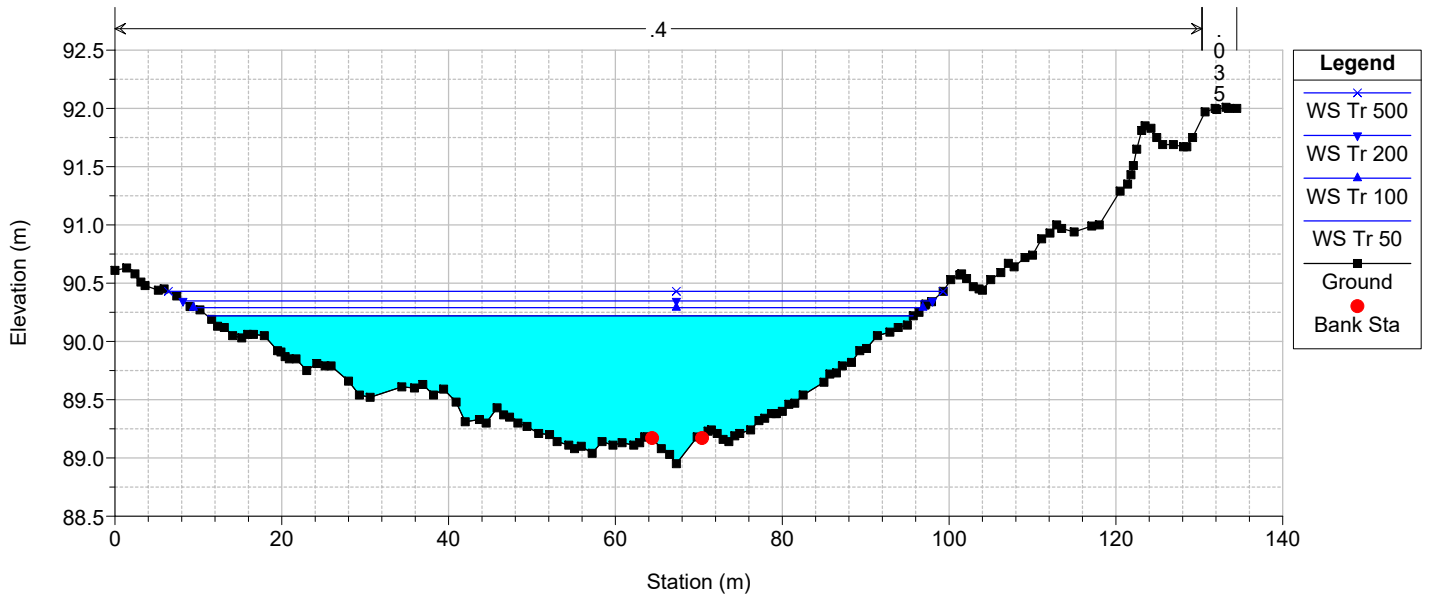
Geom: 04022021_mod Flow: 04022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

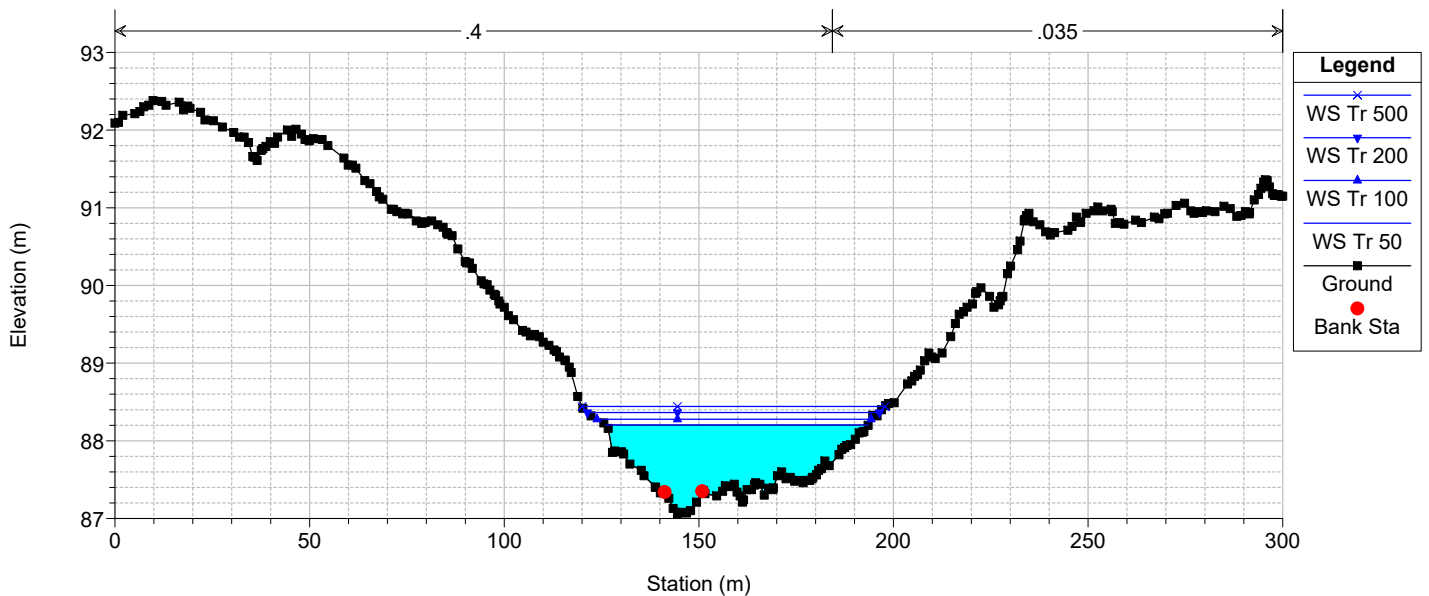
River = Asta Secondaria Reach = Abitato2 RS = 3400 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

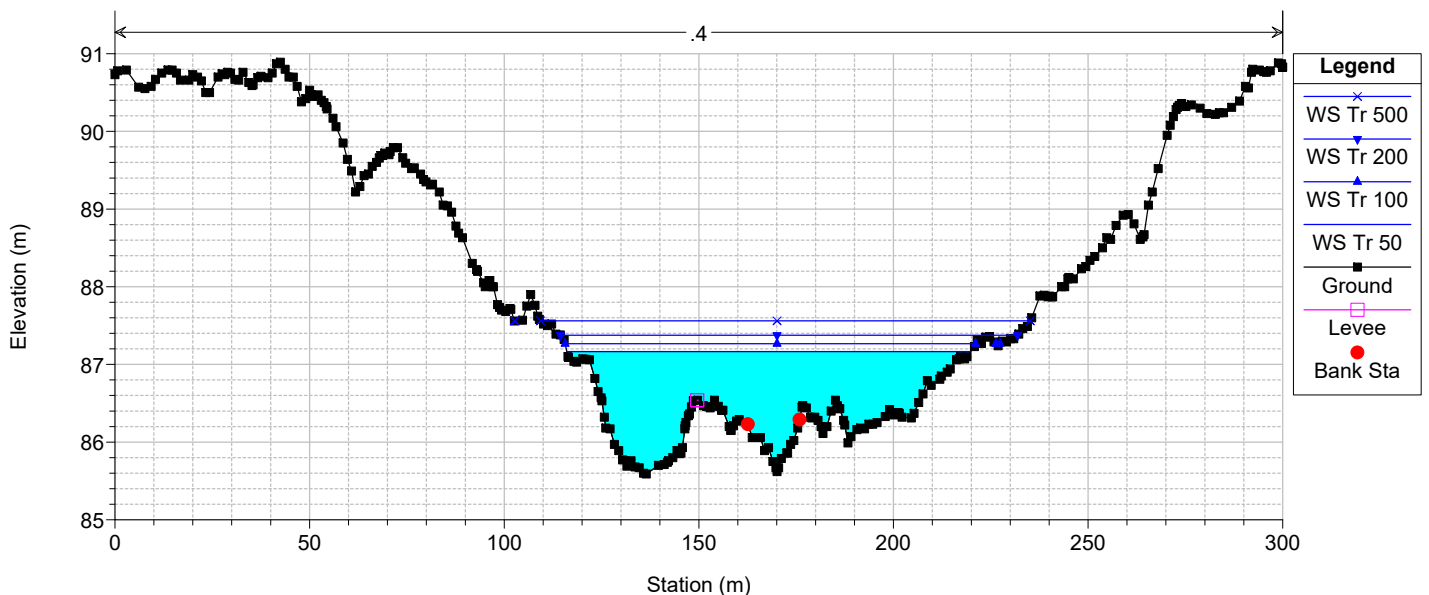
River = Asta Secondaria Reach = Abitato2 RS = 3299 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

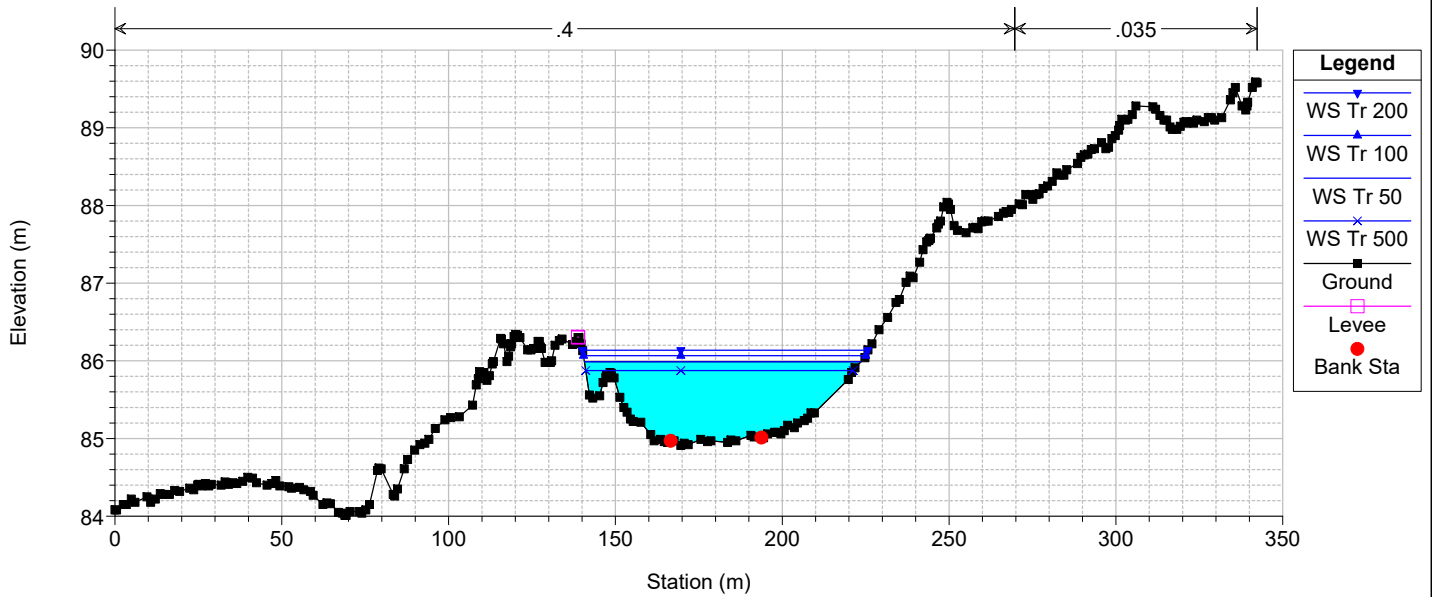
River = Asta Secondaria Reach = Abitato2 RS = 3202 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

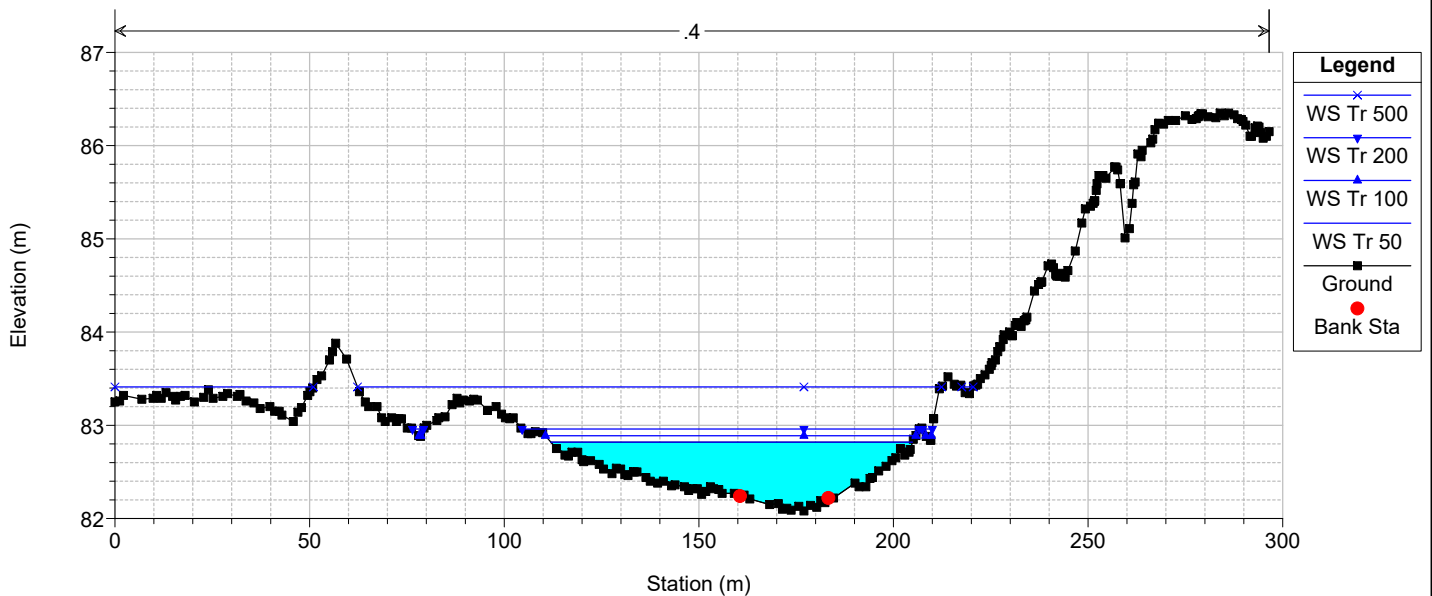
River = Asta Secondaria Reach = Abitato2 RS = 3077 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

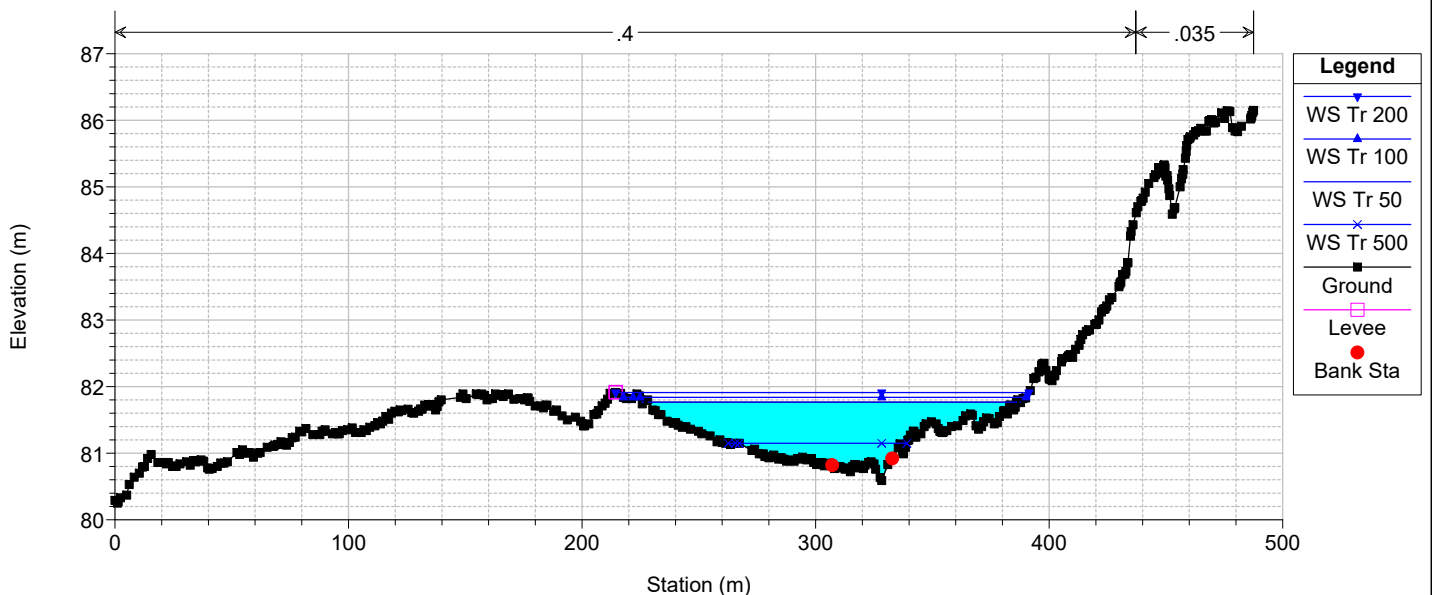
River = Asta Secondaria Reach = Abitato2 RS = 2970 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

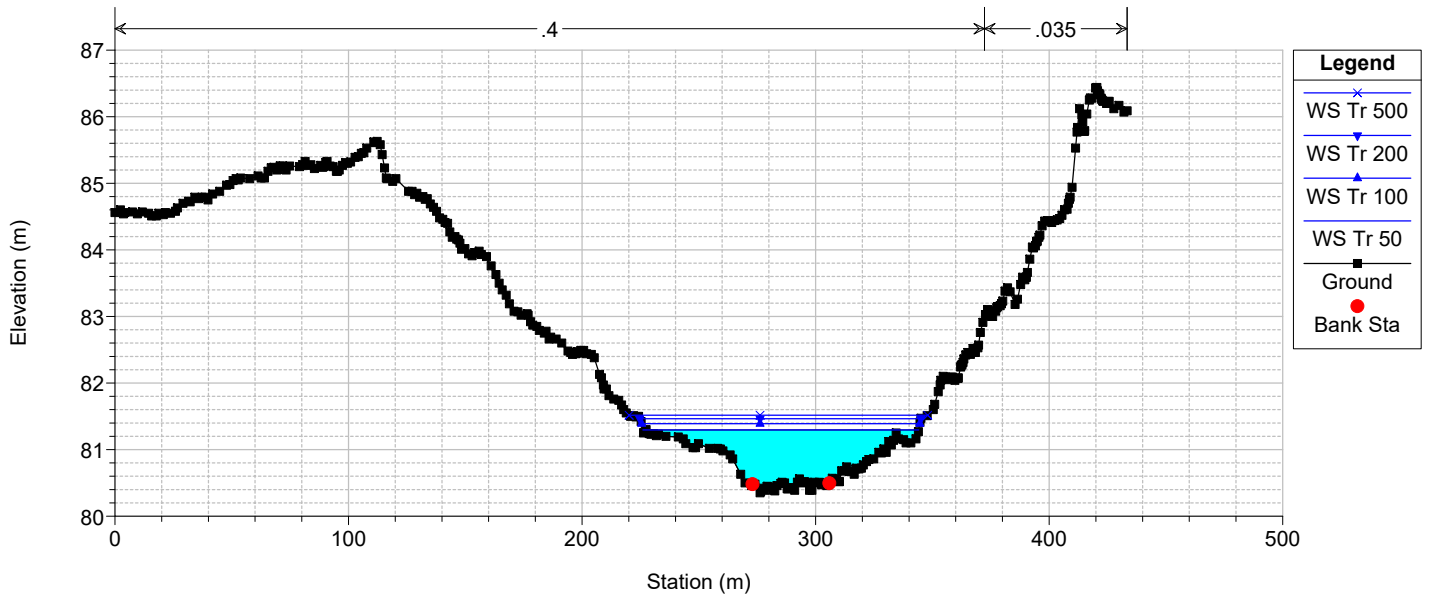
River = Asta Secondaria Reach = Abitato2 RS = 2916 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

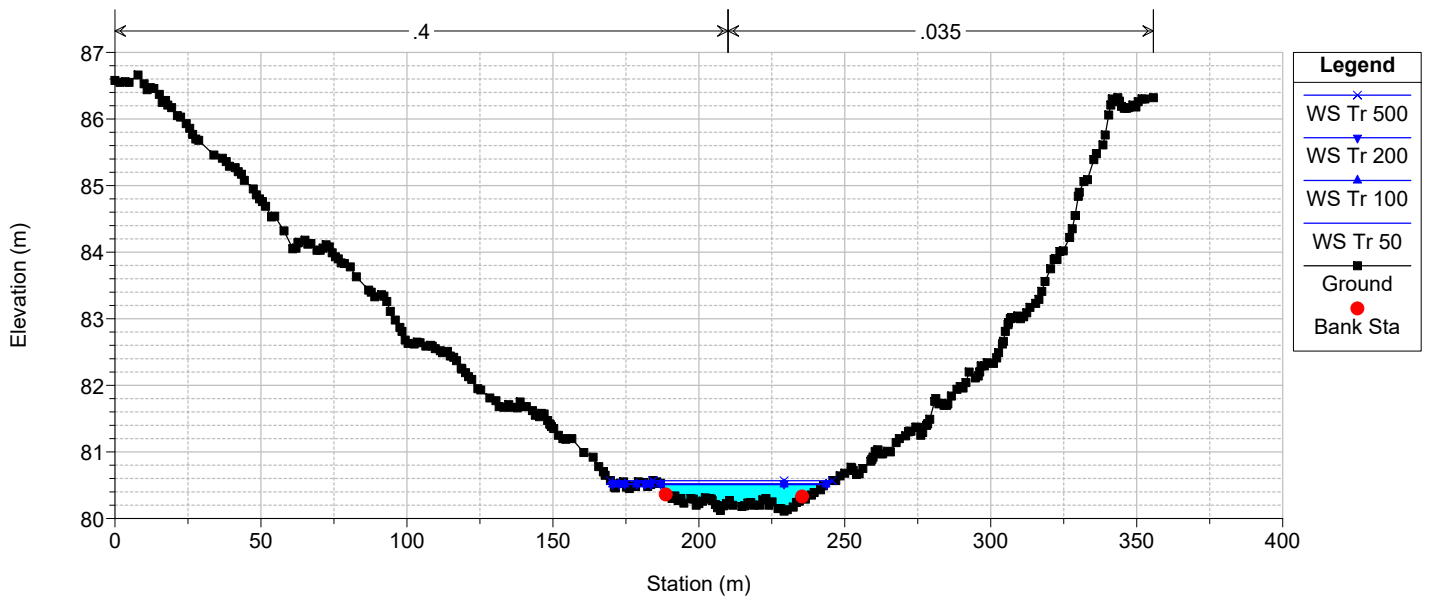
River = Asta Secondaria Reach = Abitato2 RS = 2884 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

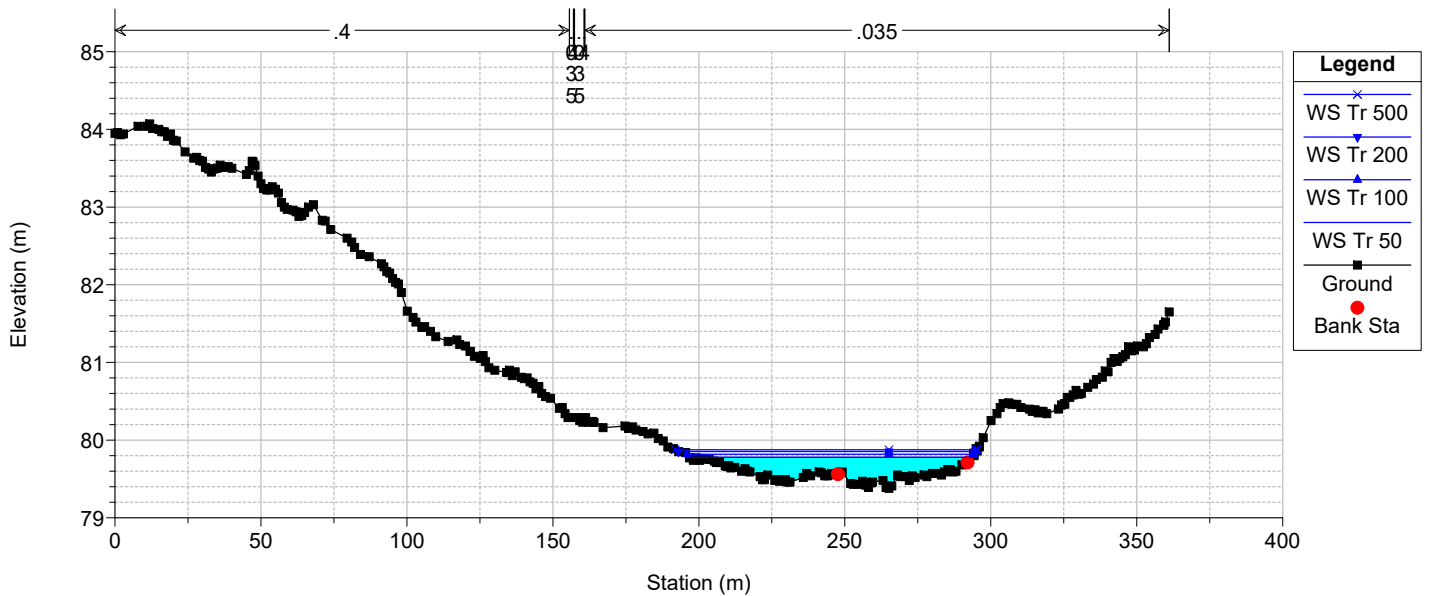
River = Asta Secondaria Reach = Abitato2 RS = 2855 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

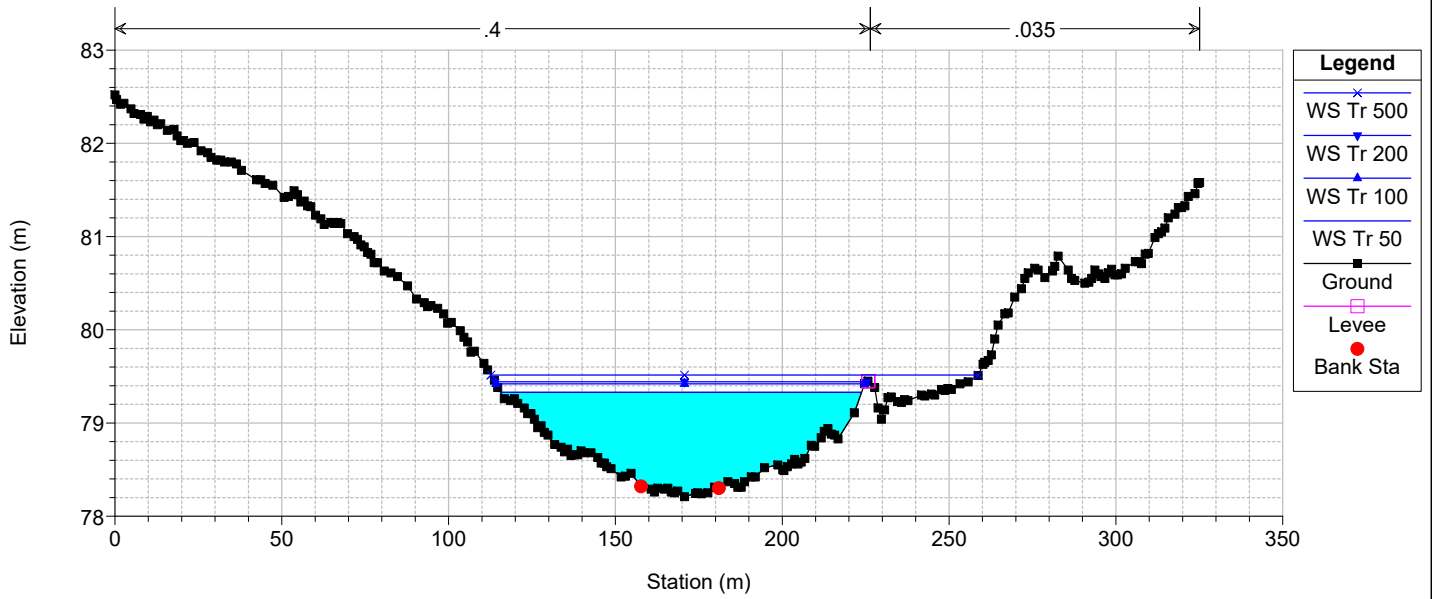
River = Asta Secondaria Reach = Abitato2 RS = 2779 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

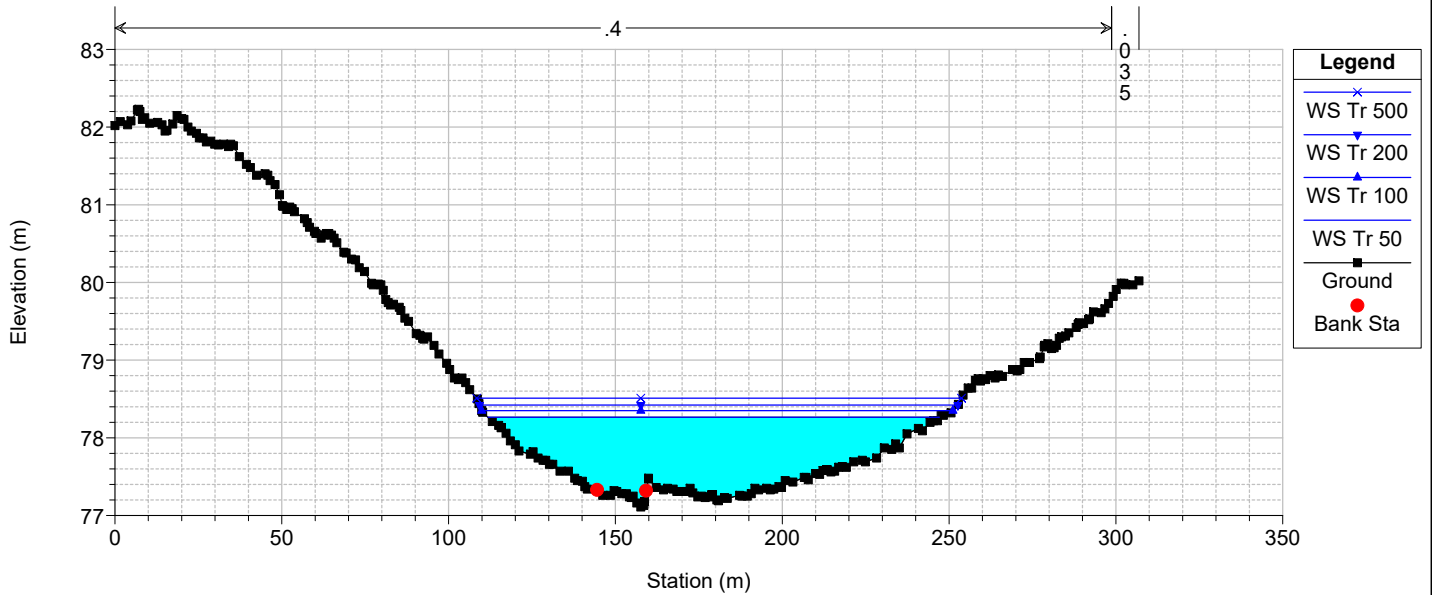
River = Asta Secondaria Reach = Abitato2 RS = 2717 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

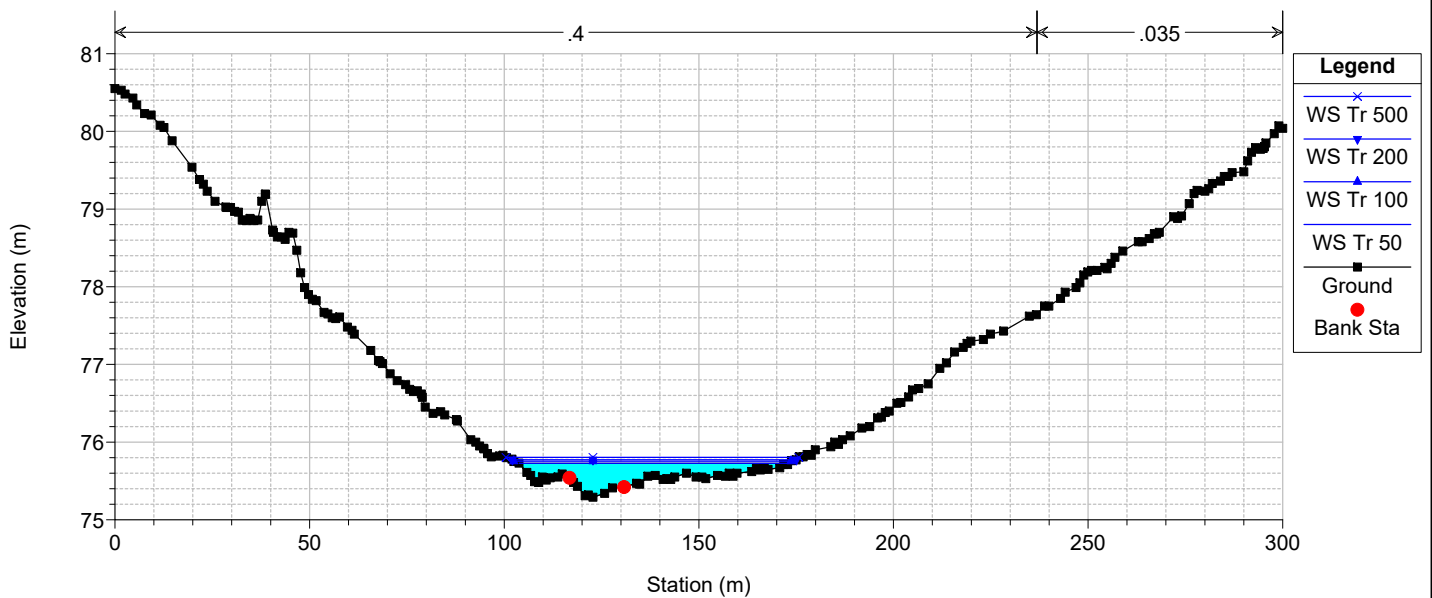
River = Asta Secondaria Reach = Abitato2 RS = 2596 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

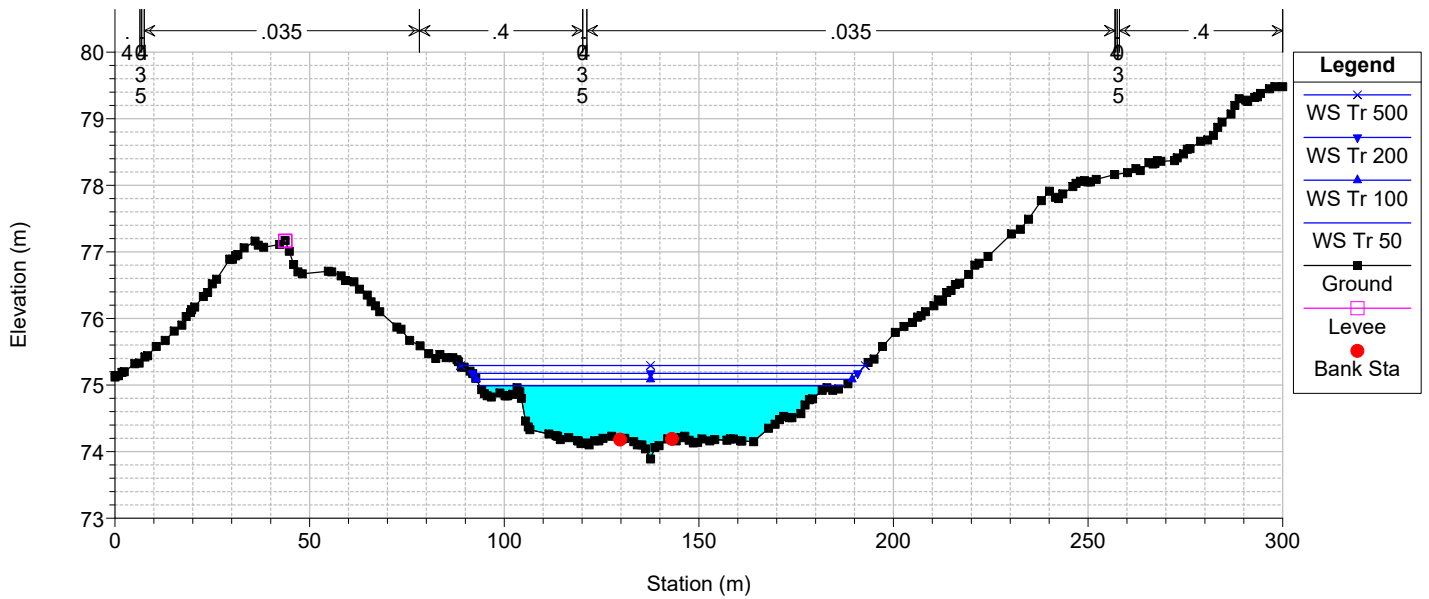
River = Asta Secondaria Reach = Abitato2 RS = 2500 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

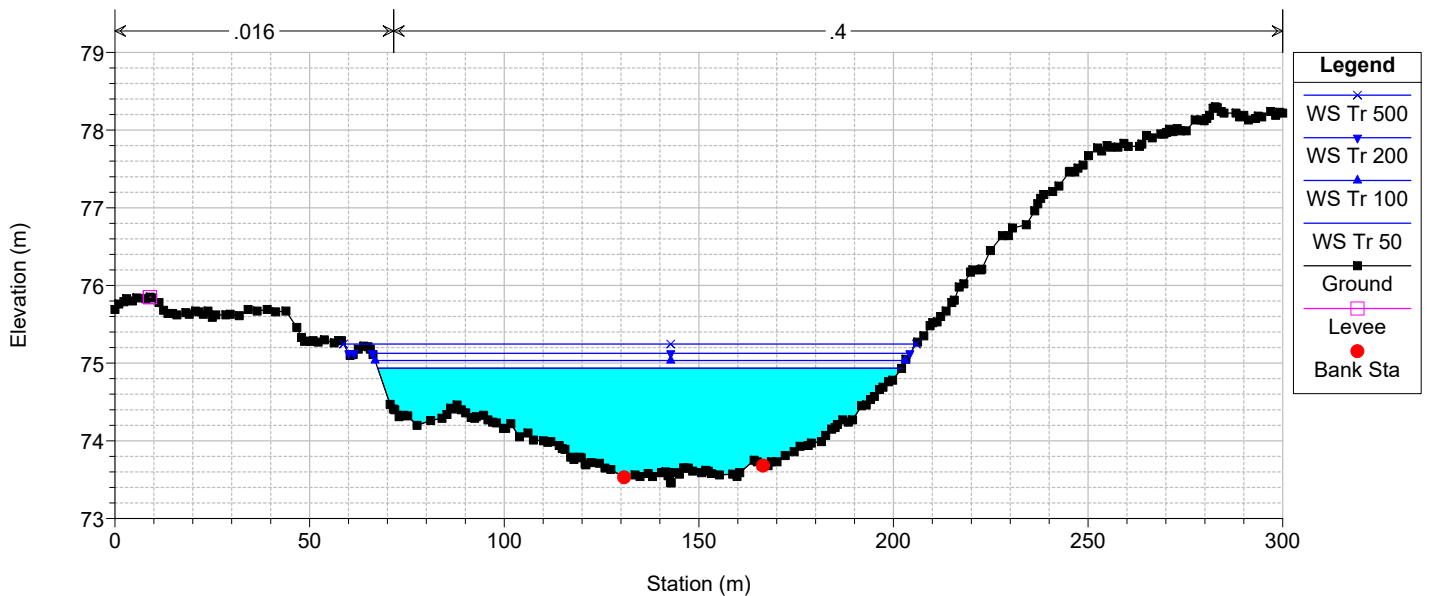
River = Asta Secondaria Reach = Abitato2 RS = 2400 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

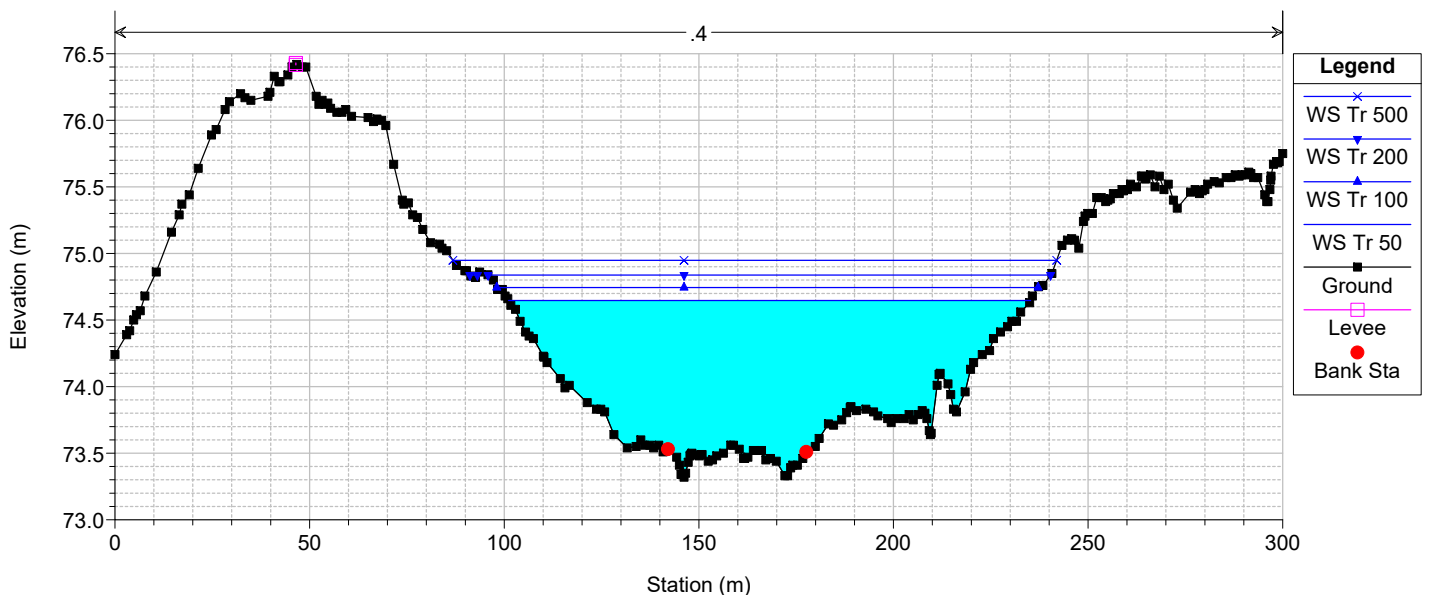
River = Asta Secondaria Reach = Abitato2 RS = 2300 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

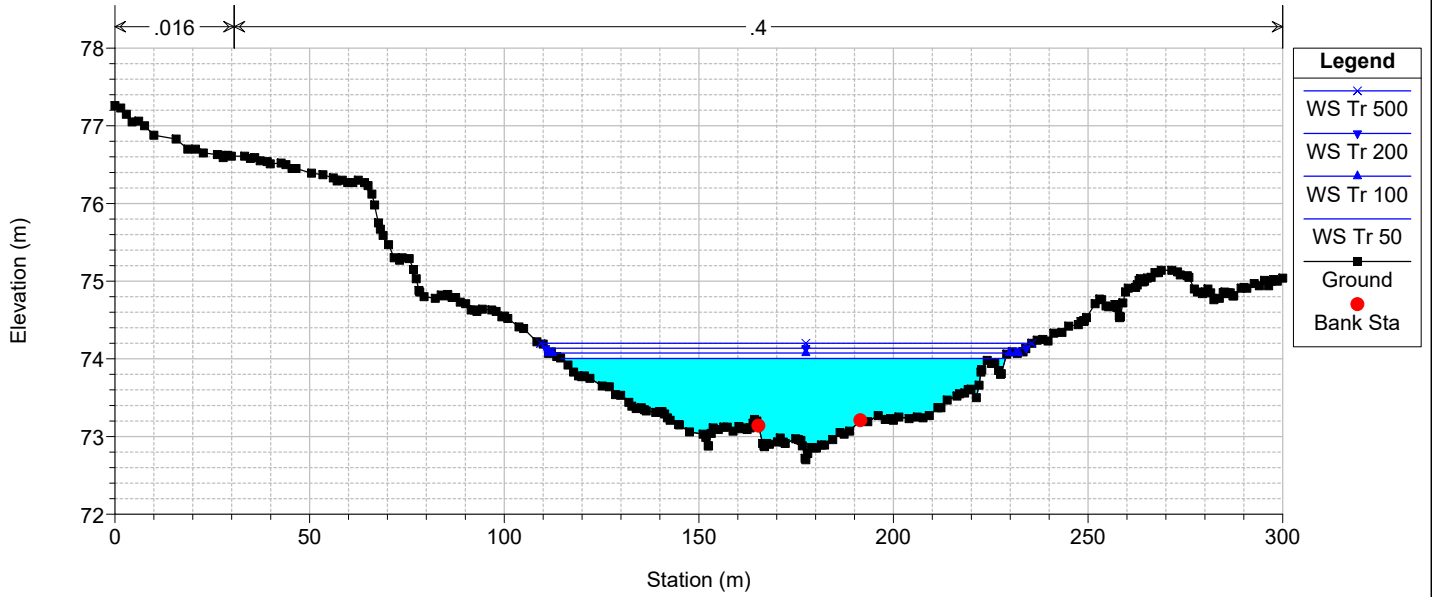
River = Asta Secondaria Reach = Abitato2 RS = 2212 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

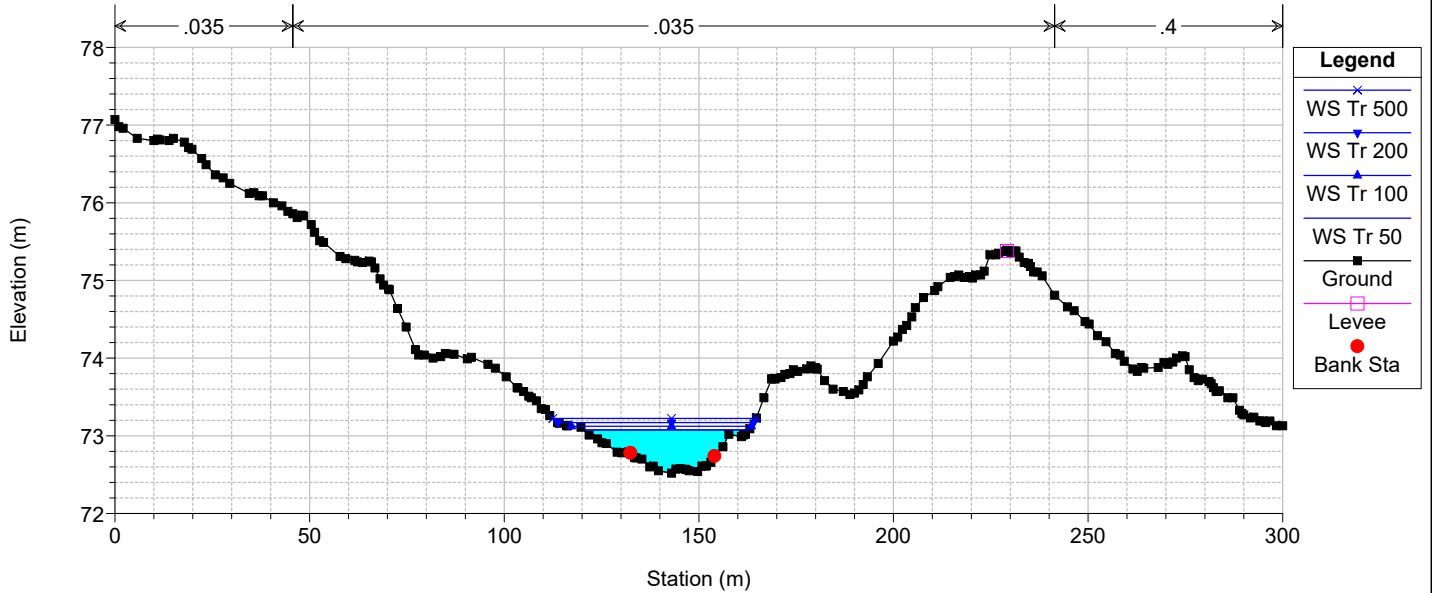
River = Asta Secondaria Reach = Abitato2 RS = 2100 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

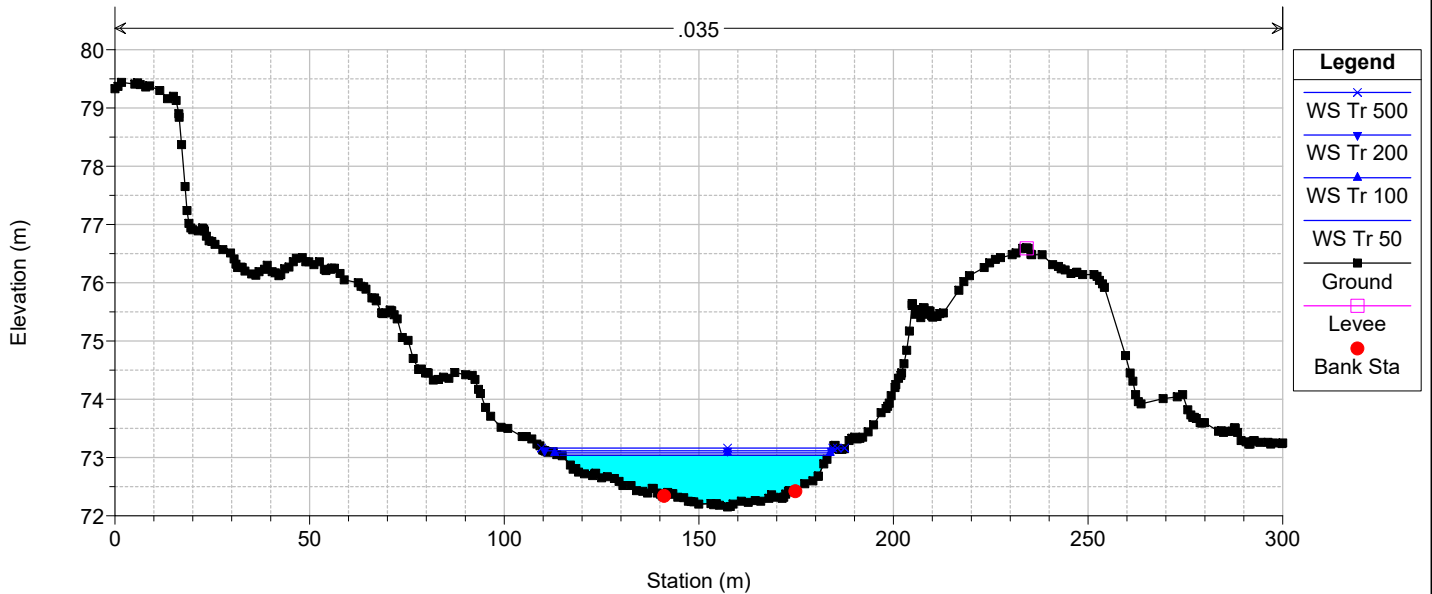
River = Asta Secondaria Reach = Abitato2 RS = 1990 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

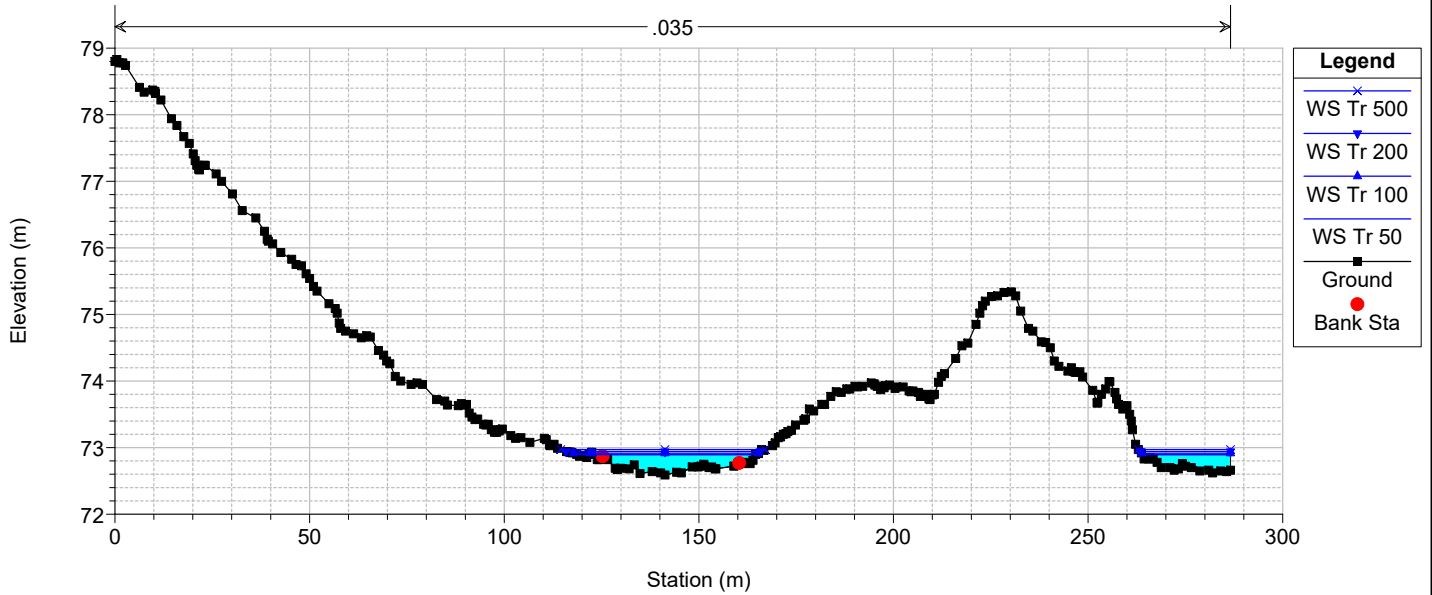
River = Asta Secondaria Reach = Abitato2 RS = 1899 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

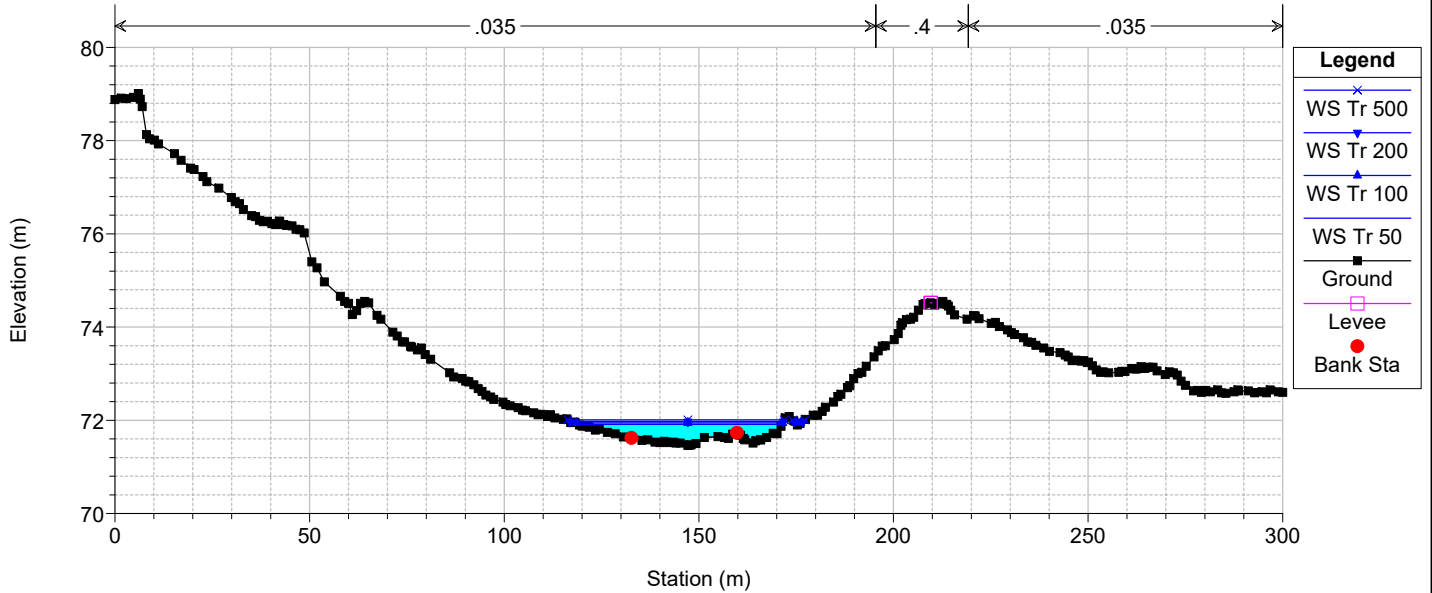
River = Asta Secondaria Reach = Abitato2 RS = 1855 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

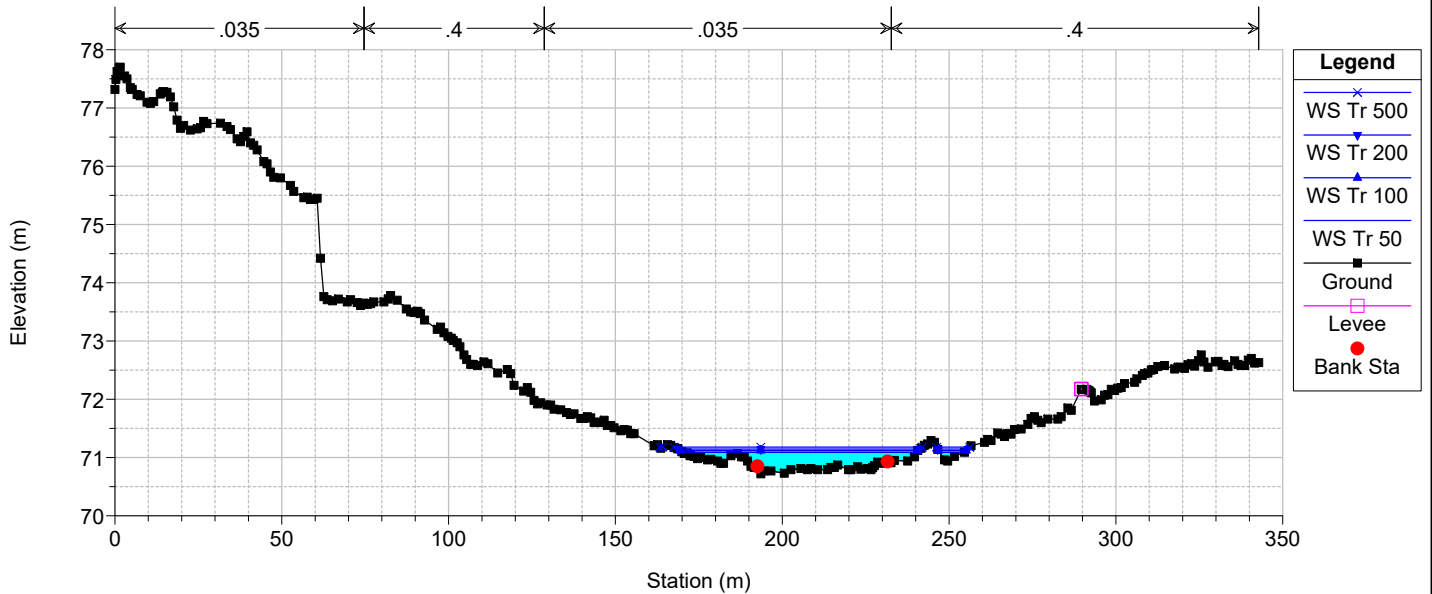
River = Asta Secondaria Reach = Abitato2 RS = 1797 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

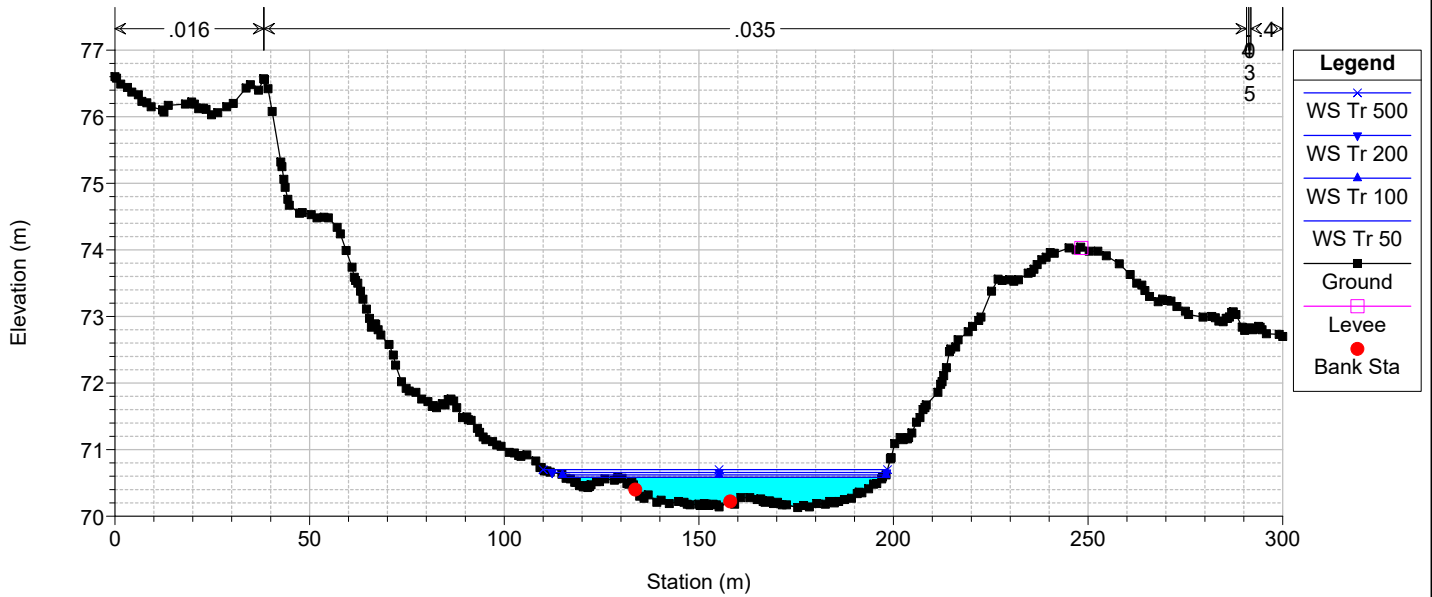
River = Asta Secondaria Reach = Abitato2 RS = 1713 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

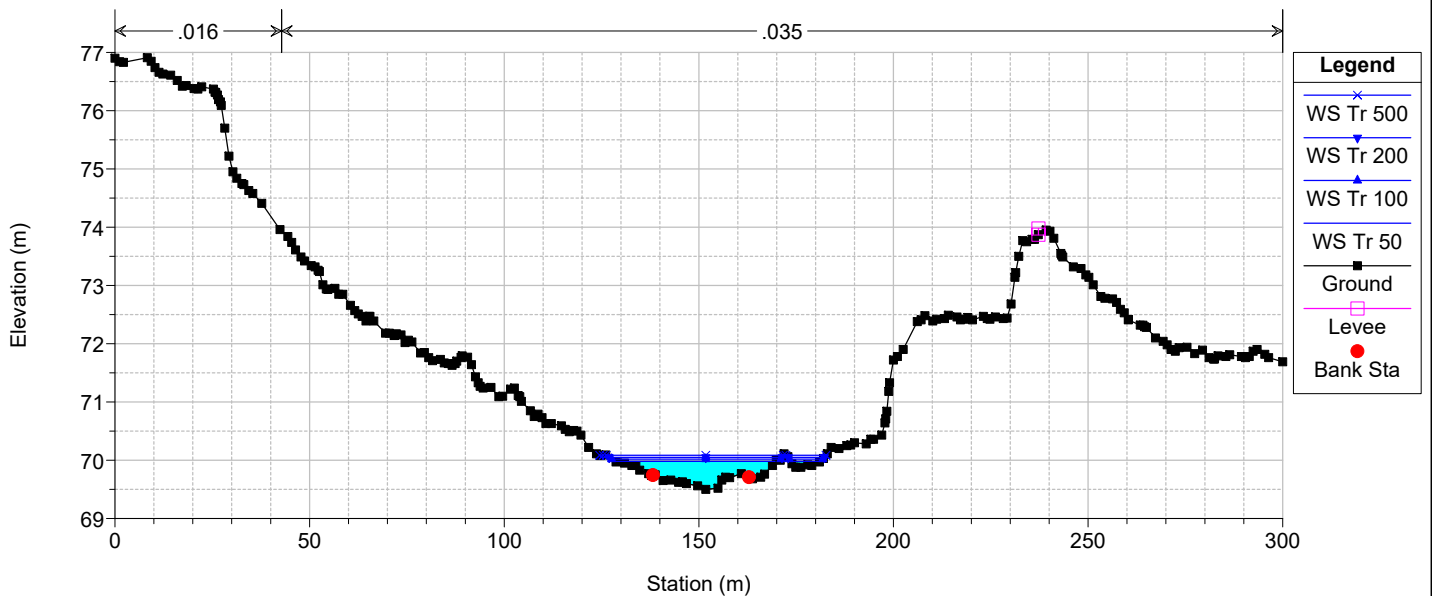
River = Asta Secondaria Reach = Abitato2 RS = 1600 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

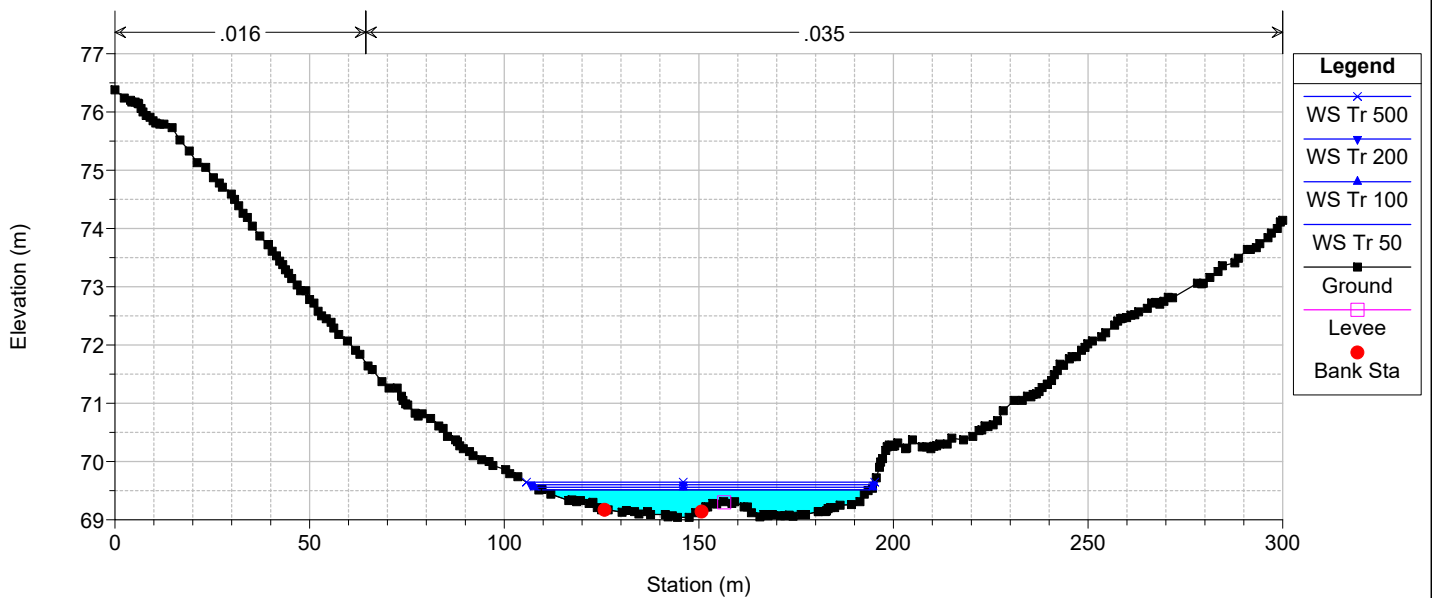
River = Asta Secondaria Reach = Abitato2 RS = 1500 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

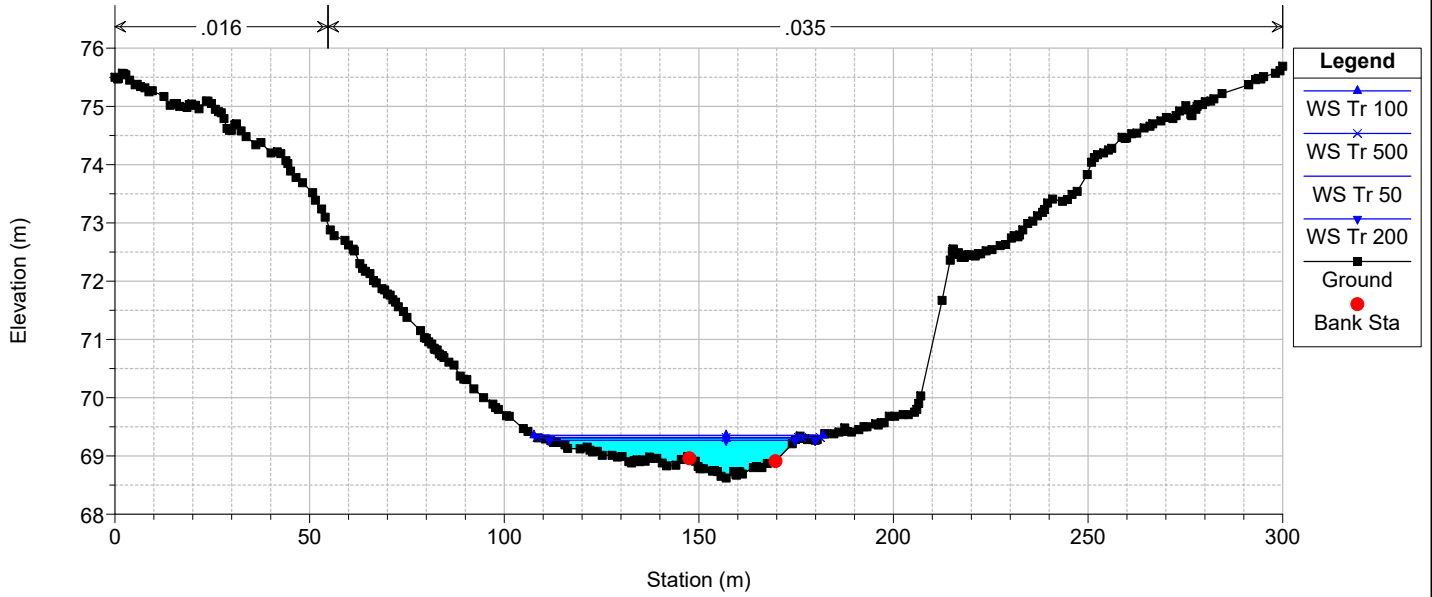
River = Asta Secondaria Reach = Abitato2 RS = 1400 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

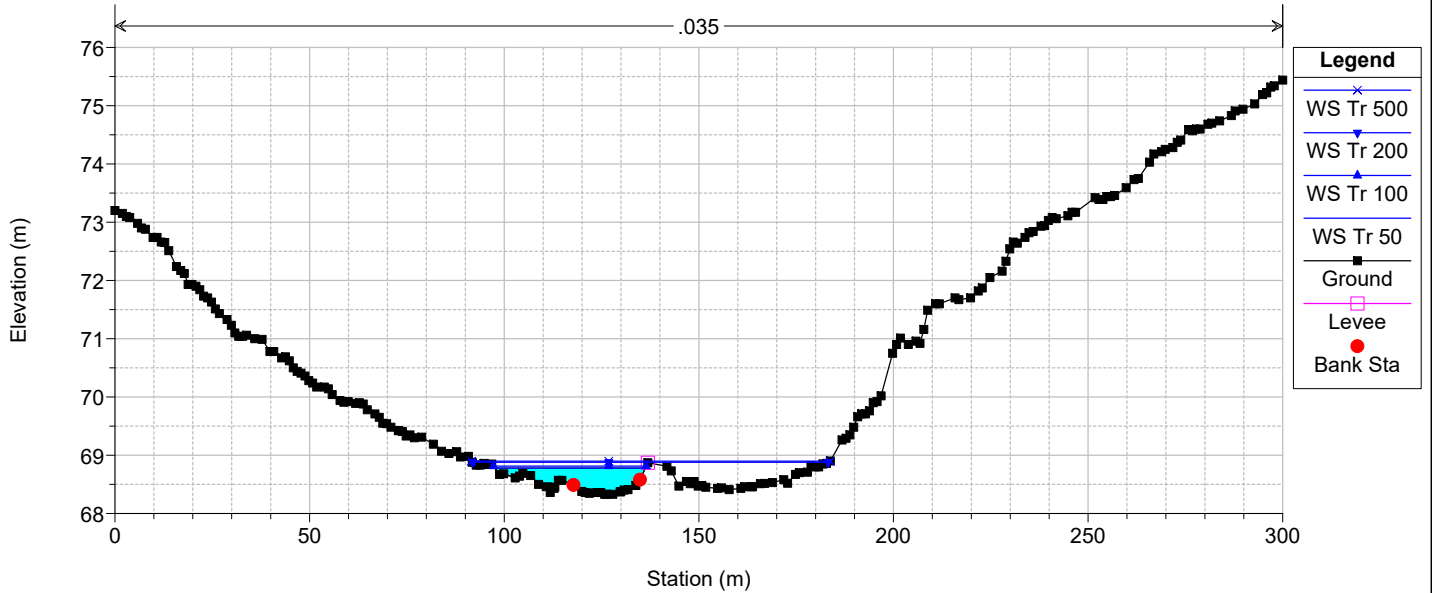
River = Asta Secondaria Reach = Abitato2 RS = 1304 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

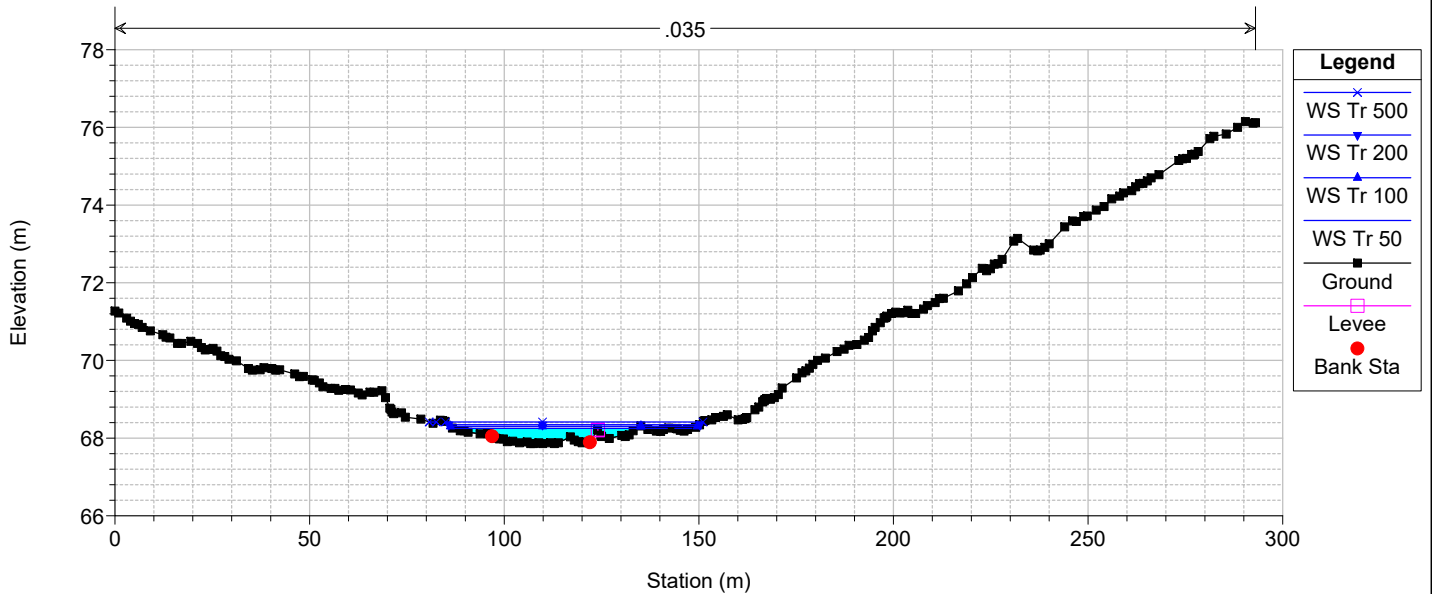
River = Asta Secondaria Reach = Abitato2 RS = 1212 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

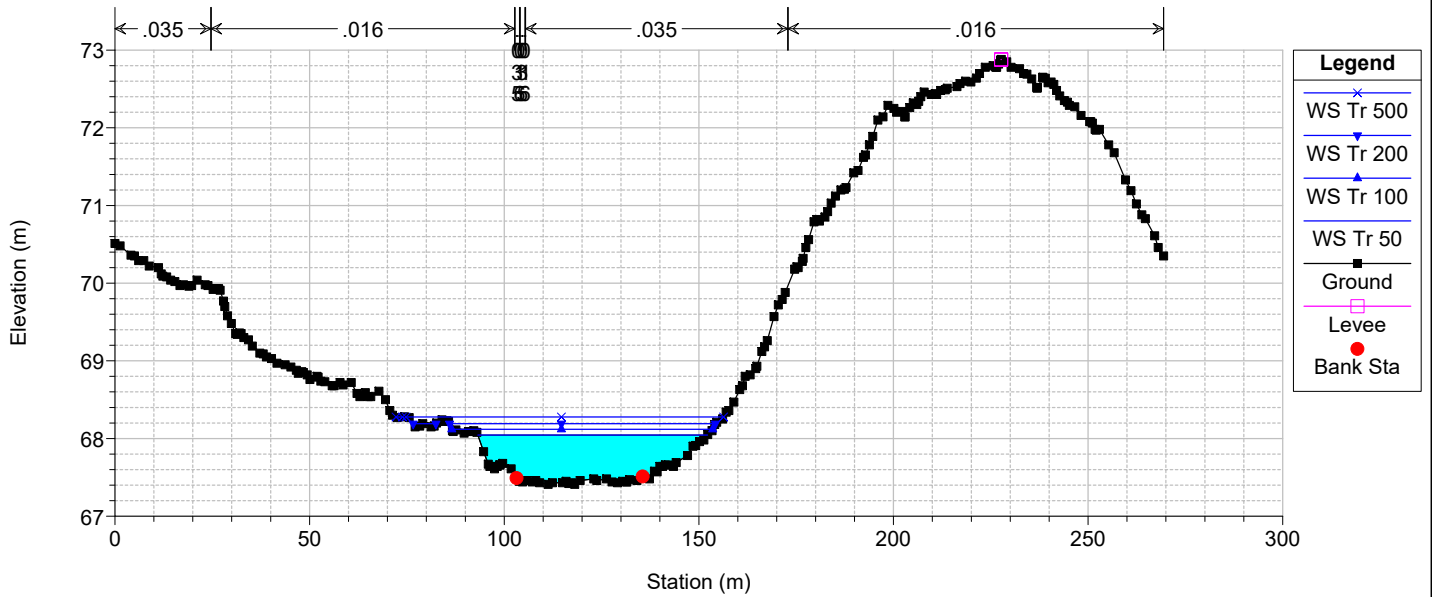
River = Asta Secondaria Reach = Abitato2 RS = 1119 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

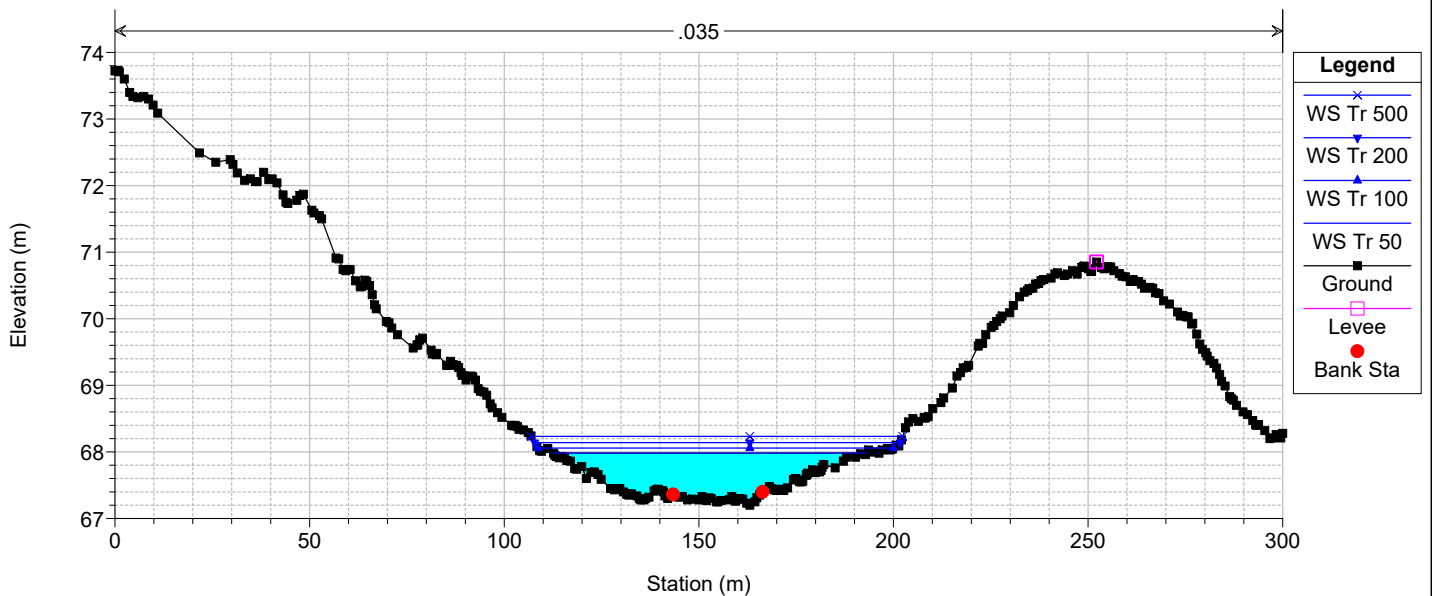
River = Asta Secondaria Reach = Abitato2 RS = 998 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

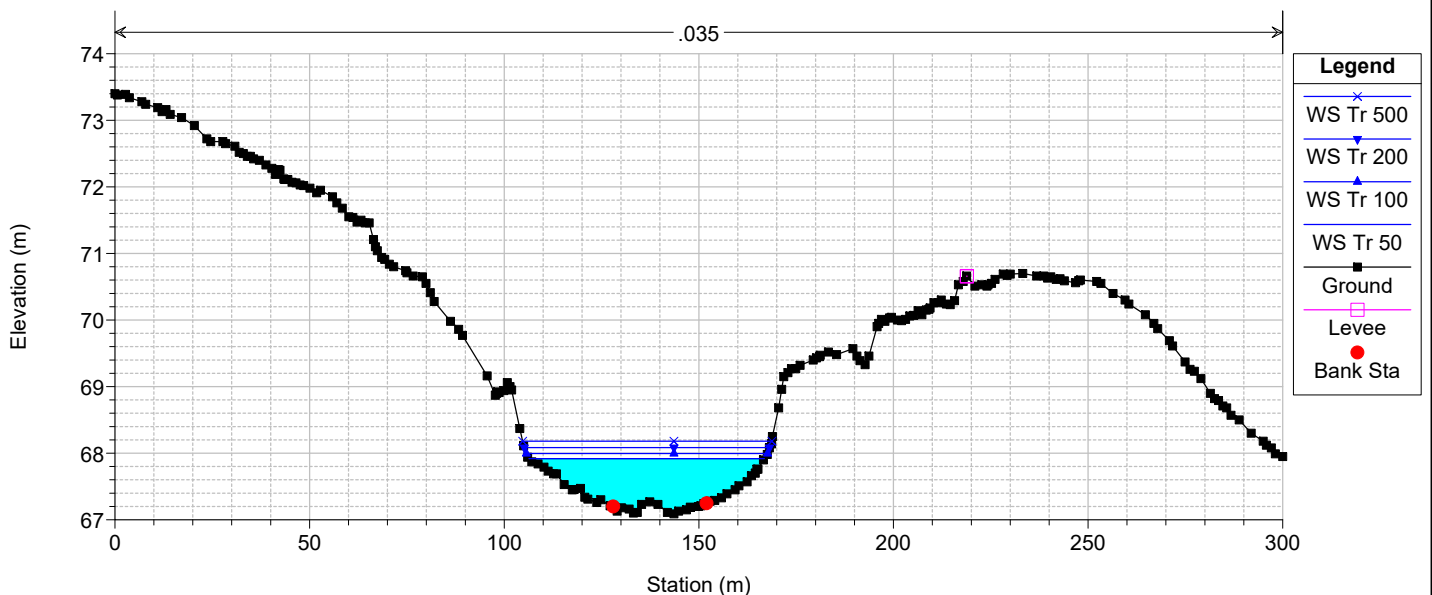
River = Asta Secondaria Reach = Abitato2 RS = 900 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

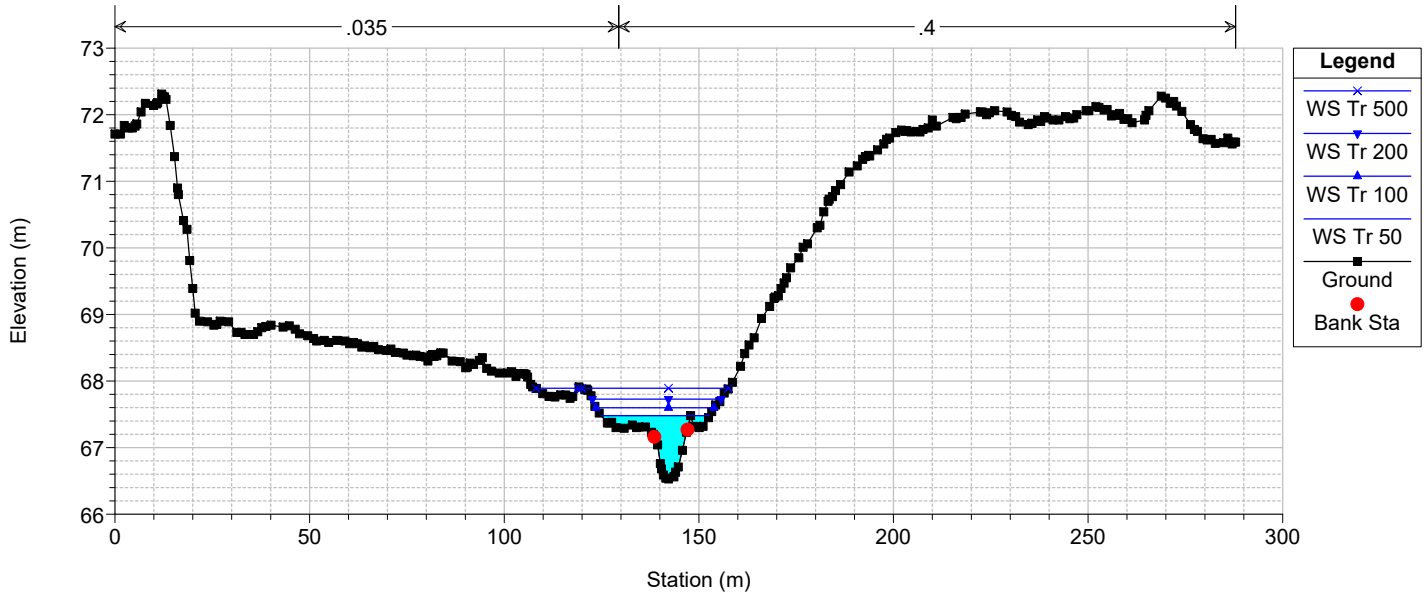
River = Asta Secondaria Reach = Abitato2 RS = 800 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

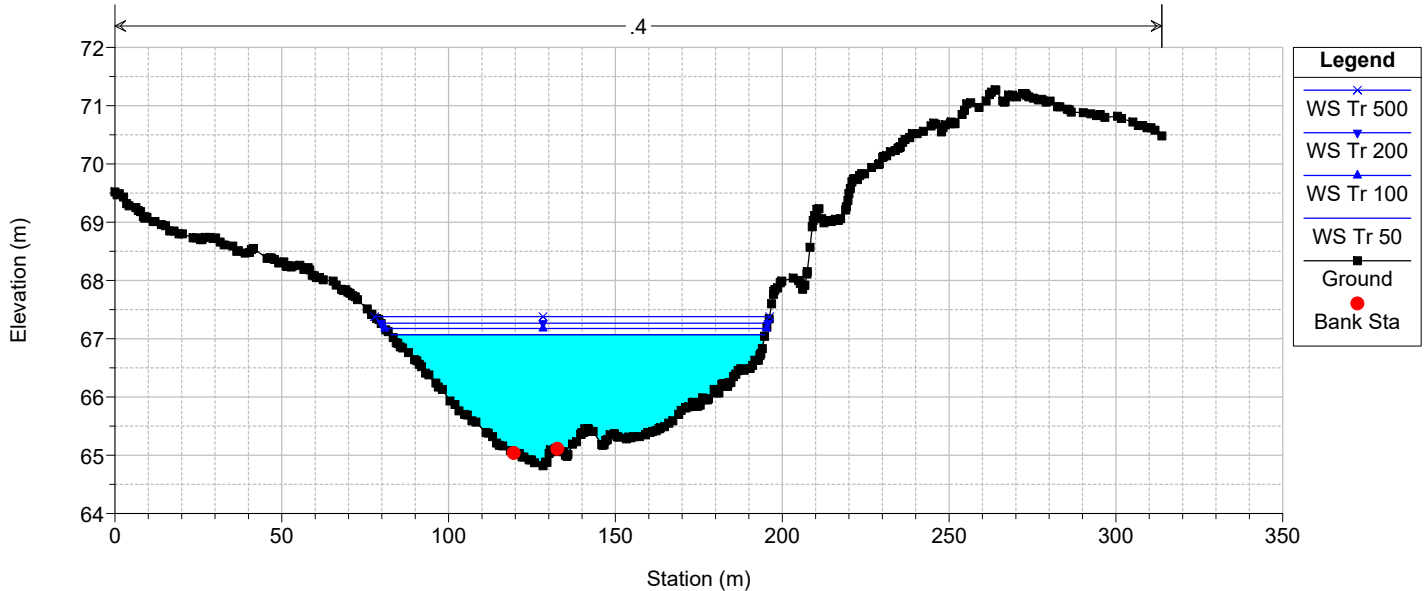
River = Asta Secondaria Reach = Abitato2 RS = 702 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

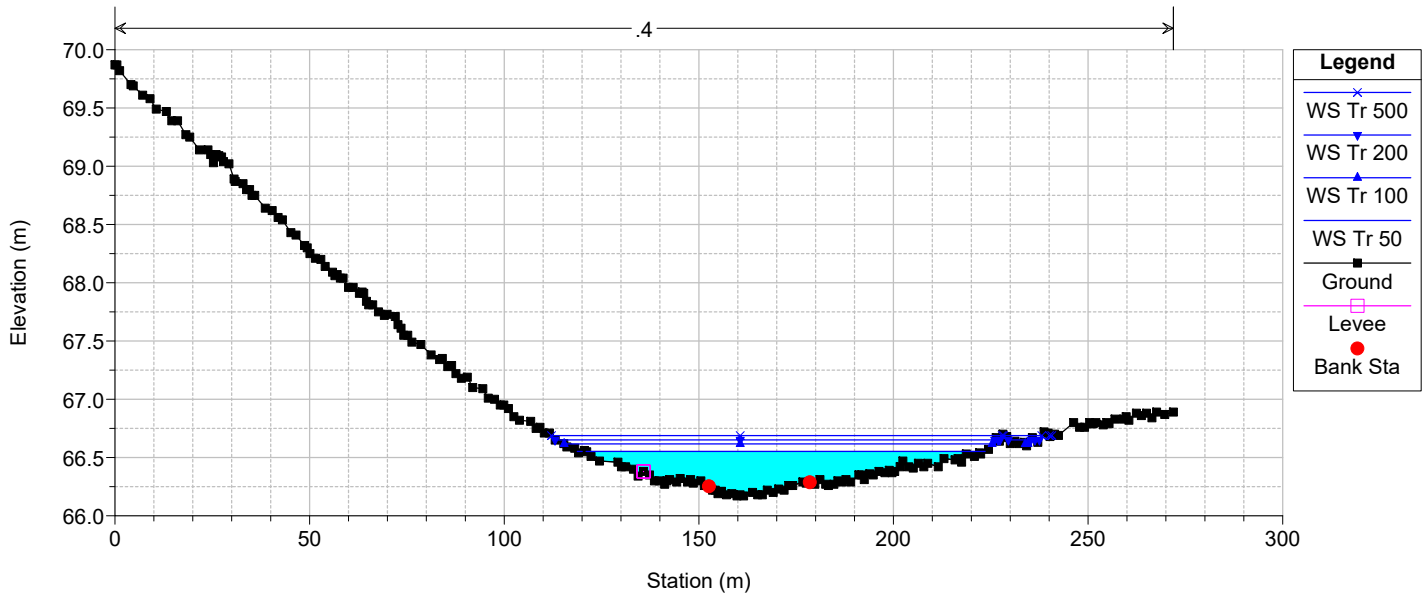
River = Asta Secondaria Reach = Abitato2 RS = 588 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

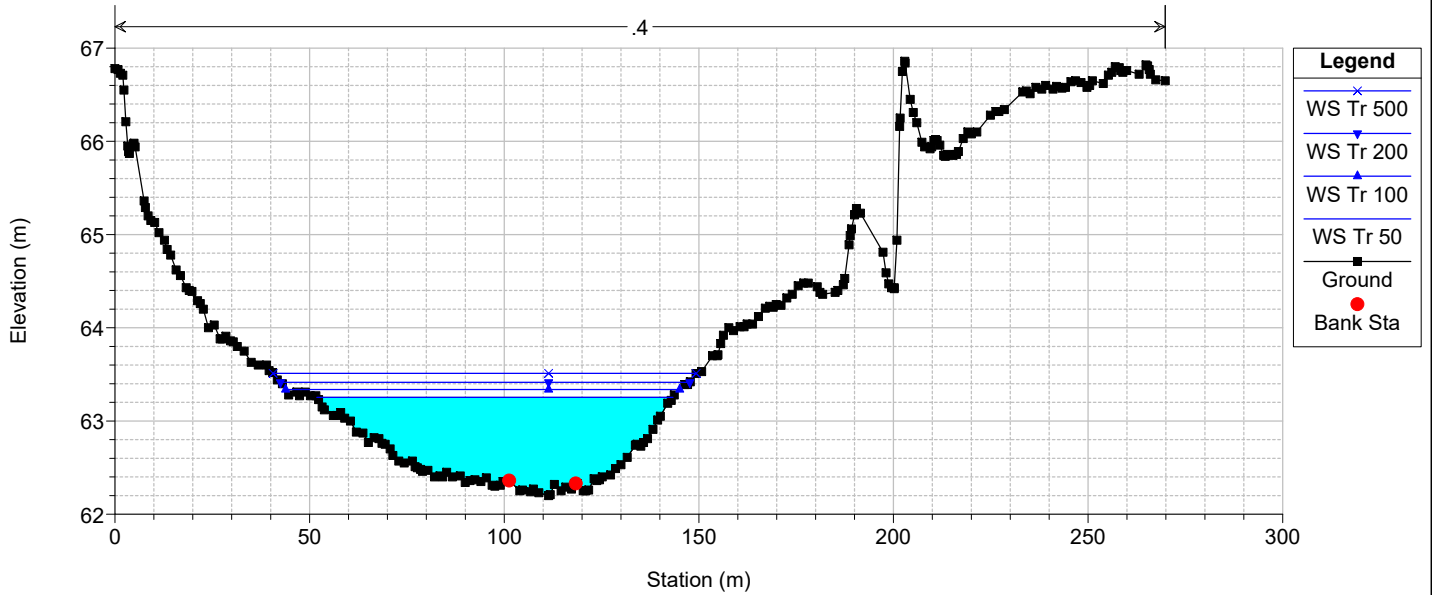
River = Asta Secondaria Reach = Abitato2 RS = 476 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

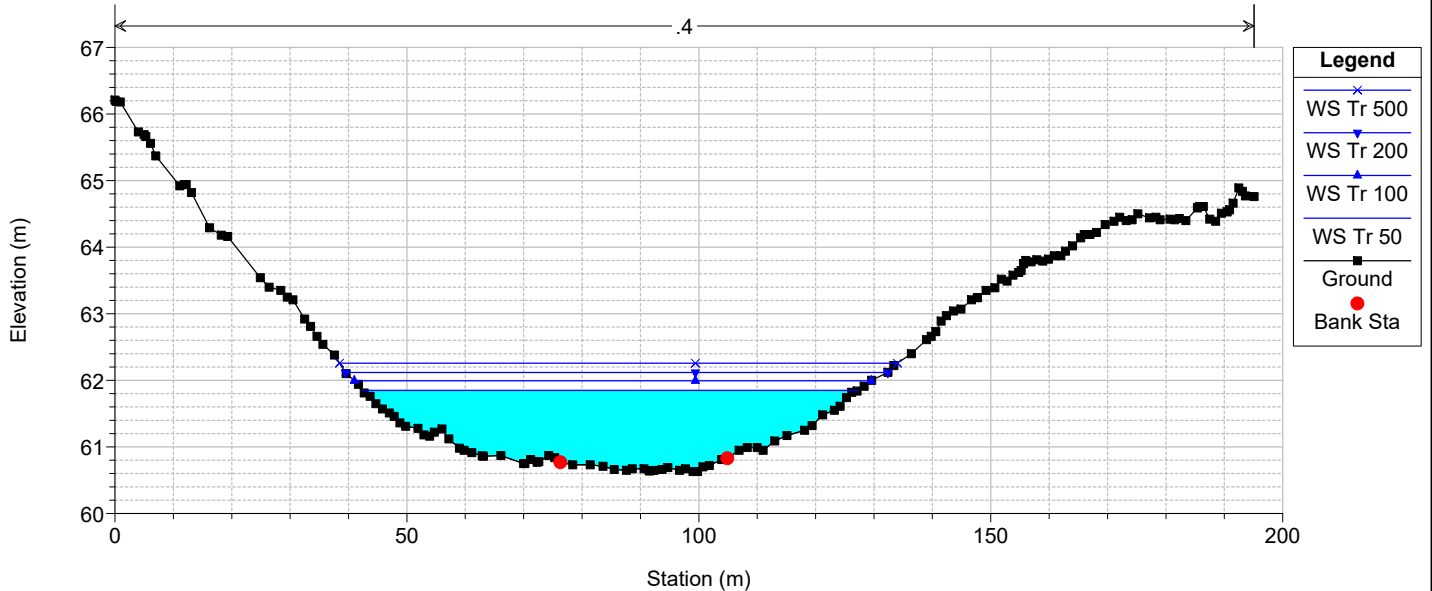
River = Asta Secondaria Reach = Abitato2 RS = 410 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

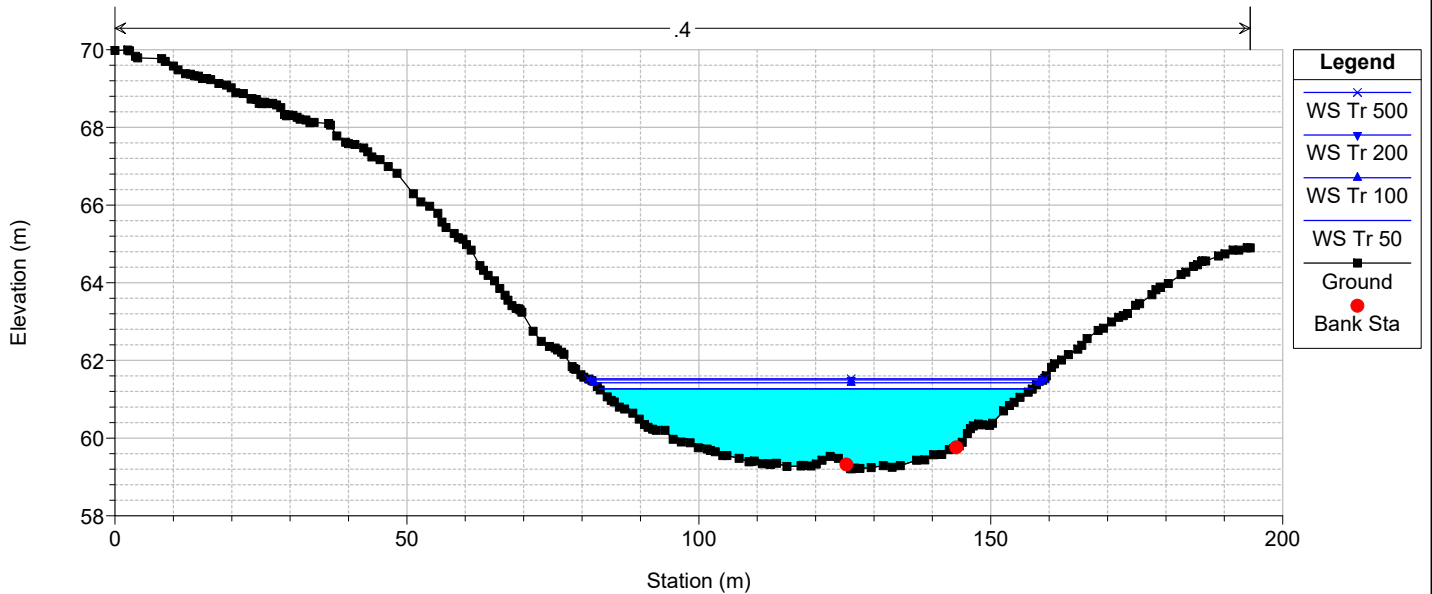
River = Asta Secondaria Reach = Abitato2 RS = 300 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

River = Asta Secondaria Reach = Abitato2 RS = 159 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
Abitato2	3400	Tr 50	16.57	88.95	90.22	89.47	90.22	0.019408	0.38	59.33	84.61	0.11
Abitato2	3400	Tr 100	19.73	88.95	90.29	89.51	90.29	0.020804	0.41	65.41	87.46	0.12
Abitato2	3400	Tr 200	22.92	88.95	90.35	89.55	90.35	0.022710	0.44	70.48	89.85	0.12
Abitato2	3400	Tr 500	27.18	88.95	90.43	89.60	90.44	0.023807	0.47	78.04	92.90	0.13
Abitato2	3299	Tr 50	16.57	87.06	88.20		88.21	0.020816	0.37	45.60	67.49	0.12
Abitato2	3299	Tr 100	19.73	87.06	88.28		88.29	0.019332	0.37	50.82	70.39	0.11
Abitato2	3299	Tr 200	22.92	87.06	88.36		88.37	0.017318	0.37	57.10	75.05	0.11
Abitato2	3299	Tr 500	27.18	87.06	88.44		88.45	0.016694	0.38	63.04	77.82	0.11
Abitato2	3202	Tr 50	16.57	85.62	87.16	86.44	87.17	0.006319	0.23	89.99	103.74	0.07
Abitato2	3202	Tr 100	19.73	85.62	87.27	86.48	87.27	0.006343	0.24	100.62	106.49	0.07
Abitato2	3202	Tr 200	22.92	85.62	87.38	86.51	87.38	0.006513	0.26	112.95	117.42	0.07
Abitato2	3202	Tr 500	27.18	85.62	87.56	86.54	87.56	0.005575	0.26	135.47	126.04	0.06
Abitato2	3077	Tr 50	16.57	84.91	85.99	85.26	85.99	0.015762	0.32	62.02	82.91	0.10
Abitato2	3077	Tr 100	19.73	84.91	86.07	85.29	86.07	0.016531	0.34	68.53	84.61	0.10
Abitato2	3077	Tr 200	22.92	84.91	86.14	85.31	86.14	0.017239	0.36	74.48	85.50	0.11
Abitato2	3077	Tr 500	27.18	84.91	85.88	85.35	85.89	0.068696	0.61	52.79	80.12	0.21
Abitato2	2970	Tr 50	16.57	82.08	82.82		82.83	0.074442	0.52	40.38	92.92	0.20
Abitato2	2970	Tr 100	19.73	82.08	82.89		82.90	0.068018	0.53	46.77	97.05	0.20
Abitato2	2970	Tr 200	22.92	82.08	82.96		82.97	0.062469	0.54	54.13	107.36	0.19
Abitato2	2970	Tr 500	27.18	82.08	83.41		83.41	0.011446	0.31	122.01	203.93	0.09
Abitato2	2916	Tr 50	16.57	80.59	81.77	81.06	81.77	0.008853	0.23	93.53	158.58	0.07
Abitato2	2916	Tr 100	19.73	80.59	81.84	81.09	81.84	0.009076	0.25	105.46	169.35	0.08
Abitato2	2916	Tr 200	22.92	80.59	81.91	81.12	81.91	0.009353	0.26	118.07	177.02	0.08
Abitato2	2916	Tr 500	27.18	80.59	81.15	81.15	81.27	1.870801	1.75	18.51	74.90	0.92
Abitato2	2884	Tr 50	16.57	80.35	81.30		81.30	0.029234	0.38	56.24	117.85	0.13
Abitato2	2884	Tr 100	19.73	80.35	81.39		81.40	0.024532	0.37	67.47	119.12	0.12
Abitato2	2884	Tr 200	22.92	80.35	81.46	80.79	81.47	0.022865	0.38	76.44	120.38	0.12
Abitato2	2884	Tr 500	27.18	80.35	81.52	80.82	81.52	0.026442	0.42	82.78	127.80	0.13
Abitato2	2855	Tr 50	16.57	80.11	80.51		80.58	0.021576	1.18	14.45	64.31	0.71
Abitato2	2855	Tr 100	19.73	80.11	80.51	80.49	80.61	0.030144	1.40	14.53	64.50	0.84
Abitato2	2855	Tr 200	22.92	80.11	80.52	80.52	80.64	0.036605	1.57	15.13	65.88	0.93
Abitato2	2855	Tr 500	27.18	80.11	80.57	80.55	80.69	0.031420	1.58	18.43	75.93	0.87
Abitato2	2779	Tr 50	16.57	79.38	79.78		79.81	0.005675	0.87	20.92	96.64	0.55
Abitato2	2779	Tr 100	19.73	79.38	79.82		79.85	0.004727	0.87	24.70	98.27	0.51
Abitato2	2779	Tr 200	22.92	79.38	79.85		79.89	0.004332	0.90	28.10	101.73	0.50
Abitato2	2779	Tr 500	27.18	79.38	79.88		79.92	0.004731	0.98	30.48	103.32	0.53
Abitato2	2717	Tr 50	16.57	78.21	79.33	78.60	79.33	0.010559	0.27	77.62	108.25	0.08
Abitato2	2717	Tr 100	19.73	78.21	79.42	78.62	79.42	0.010397	0.28	87.55	110.50	0.08
Abitato2	2717	Tr 200	22.92	78.21	79.44	78.65	79.45	0.012953	0.32	90.05	111.53	0.09
Abitato2	2717	Tr 500	27.18	78.21	79.52	78.68	79.52	0.008632	0.27	104.72	146.06	0.08
Abitato2	2596	Tr 50	16.57	77.11	78.26		78.27	0.007309	0.22	95.80	135.32	0.07
Abitato2	2596	Tr 100	19.73	77.11	78.35		78.35	0.007494	0.23	107.48	141.25	0.07
Abitato2	2596	Tr 200	22.92	77.11	78.42		78.42	0.007589	0.24	118.01	143.40	0.07
Abitato2	2596	Tr 500	27.18	77.11	78.51		78.51	0.007776	0.26	130.59	145.32	0.07
Abitato2	2500	Tr 50	16.57	75.29	75.73	75.73	75.82	1.782522	1.66	13.57	69.33	0.90
Abitato2	2500	Tr 100	19.73	75.29	75.75	75.75	75.86	1.767017	1.74	15.38	71.24	0.90
Abitato2	2500	Tr 200	22.92	75.29	75.77	75.77	75.89	1.860702	1.84	16.79	72.95	0.93
Abitato2	2500	Tr 500	27.18	75.29	75.80	75.80	75.93	1.800862	1.91	19.10	75.23	0.93
Abitato2	2400	Tr 50	16.57	73.89	74.99	74.39	75.00	0.000269	0.43	57.84	93.75	0.15
Abitato2	2400	Tr 100	19.73	73.89	75.09	74.42	75.09	0.000252	0.45	66.95	96.55	0.14
Abitato2	2400	Tr 200	22.92	73.89	75.18	74.45	75.18	0.000239	0.46	75.74	99.04	0.14
Abitato2	2400	Tr 500	27.18	73.89	75.29	74.48	75.30	0.000221	0.48	87.61	103.97	0.14
Abitato2	2300	Tr 50	16.57	73.46	74.93	73.85	74.94	0.002294	0.15	126.24	134.63	0.04
Abitato2	2300	Tr 100	19.73	73.46	75.03	73.88	75.03	0.002255	0.15	139.62	136.22	0.04
Abitato2	2300	Tr 200	22.92	73.46	75.13	73.89	75.13	0.002212	0.16	152.35	139.48	0.04
Abitato2	2300	Tr 500	27.18	73.46	75.25	73.93	75.25	0.002249	0.17	169.55	147.16	0.04
Abitato2	2212	Tr 50	16.57	73.32	74.65	73.72	74.65	0.004211	0.18	111.65	134.11	0.05
Abitato2	2212	Tr 100	19.73	73.32	74.74	73.75	74.75	0.004305	0.19	125.04	139.10	0.05
Abitato2	2212	Tr 200	22.92	73.32	74.84	73.78	74.84	0.004372	0.20	138.30	146.42	0.06
Abitato2	2212	Tr 500	27.18	73.32	74.95	73.81	74.95	0.004554	0.22	155.13	155.09	0.06
Abitato2	2100	Tr 50	16.57	72.70	74.00	73.27	74.01	0.009610	0.25	81.65	114.18	0.08
Abitato2	2100	Tr 100	19.73	72.70	74.08	73.30	74.08	0.010337	0.27	89.81	118.37	0.08
Abitato2	2100	Tr 200	22.92	72.70	74.14		74.14	0.011361	0.30	97.24	123.50	0.09
Abitato2	2100	Tr 500	27.18	72.70	74.20		74.20	0.012629	0.33	105.35	126.14	0.09
Abitato2	1990	Tr 50	16.57	72.52	73.08	72.99	73.16	0.006528	1.40	13.54	42.43	0.65
Abitato2	1990	Tr 100	19.73	72.52	73.12	73.05	73.22	0.006367	1.47	15.63	46.20	0.65

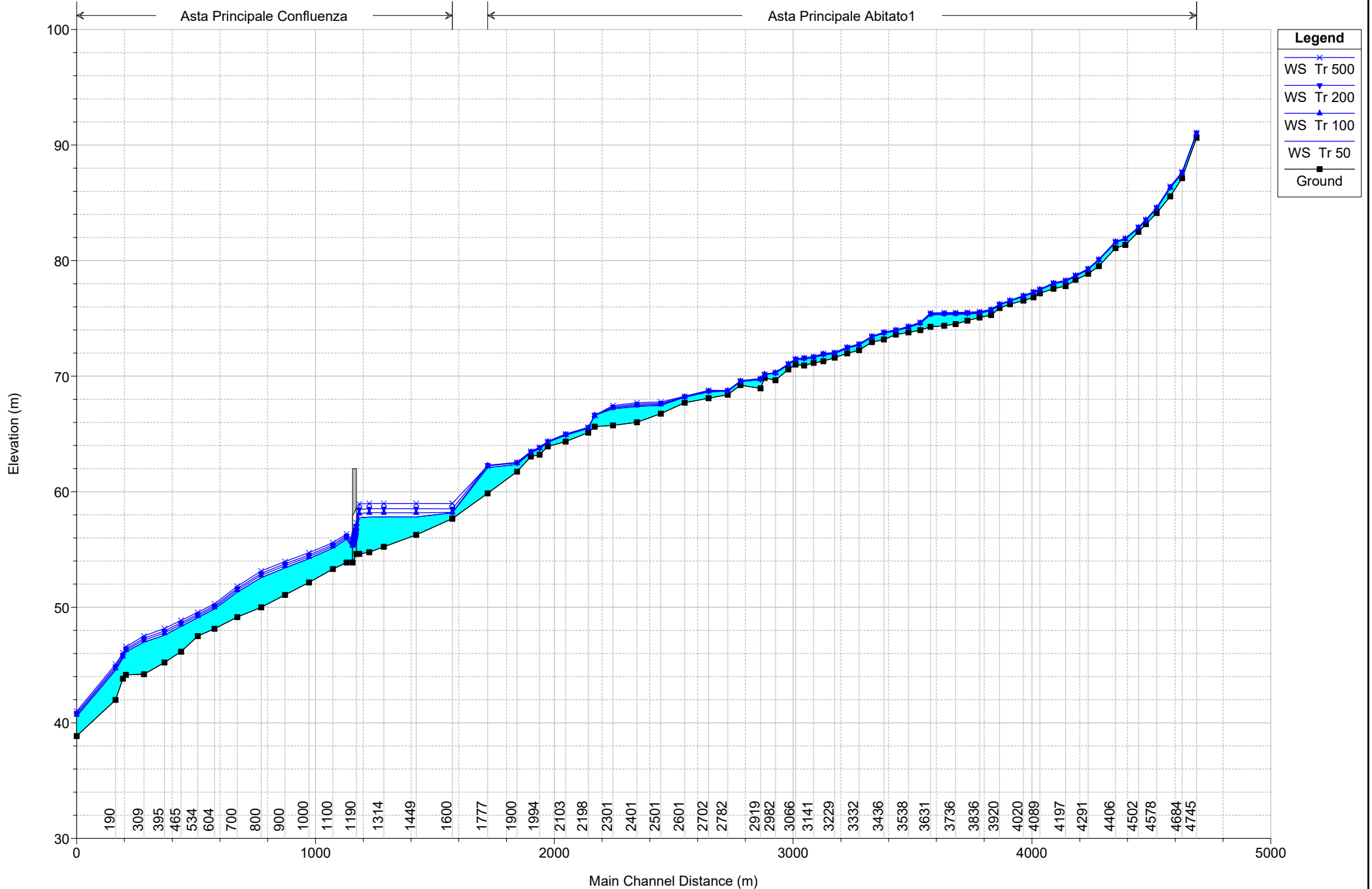
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Abitato2	1990	Tr 200	22.92	72.52	73.17	73.08	73.27	0.006070	1.52	17.91	50.37	0.65
Abitato2	1990	Tr 500	27.18	72.52	73.22	73.11	73.33	0.005729	1.57	20.71	52.25	0.64
Abitato2	1899	Tr 50	16.57	72.15	73.04	72.56	73.05	0.000380	0.47	40.45	69.12	0.17
Abitato2	1899	Tr 100	19.73	72.15	73.08	72.59	73.09	0.000442	0.52	43.31	70.78	0.19
Abitato2	1899	Tr 200	22.92	72.15	73.12	72.62	73.13	0.000508	0.58	46.01	73.67	0.20
Abitato2	1899	Tr 500	27.18	72.15	73.16	72.65	73.18	0.000581	0.64	49.36	76.73	0.22
Abitato2	1855	Tr 50	16.57	72.59	72.89	72.89	72.99	0.019564	1.41	12.32	67.23	0.98
Abitato2	1855	Tr 100	19.73	72.59	72.92	72.92	73.02	0.019621	1.51	13.81	69.91	1.00
Abitato2	1855	Tr 200	22.92	72.59	72.94	72.94	73.05	0.018005	1.56	15.72	73.06	0.98
Abitato2	1855	Tr 500	27.18	72.59	72.97	72.97	73.09	0.017210	1.64	17.94	76.24	0.97
Abitato2	1797	Tr 50	16.57	71.46	71.91	71.85	71.98	0.008045	1.25	14.55	52.75	0.68
Abitato2	1797	Tr 100	19.73	71.46	71.94	71.87	72.02	0.008366	1.35	16.11	54.34	0.71
Abitato2	1797	Tr 200	22.92	71.46	71.97	71.91	72.06	0.008516	1.43	17.77	56.98	0.72
Abitato2	1797	Tr 500	27.18	71.46	72.01	71.95	72.11	0.008570	1.52	19.87	58.64	0.74
Abitato2	1713	Tr 50	16.57	70.72	71.09	71.06	71.17	0.011331	1.31	15.32	77.65	0.79
Abitato2	1713	Tr 100	19.73	70.72	71.12	71.09	71.21	0.010854	1.37	17.69	79.52	0.78
Abitato2	1713	Tr 200	22.92	70.72	71.15	71.12	71.24	0.010719	1.44	19.82	81.56	0.79
Abitato2	1713	Tr 500	27.18	70.72	71.18	71.15	71.28	0.010726	1.53	22.46	85.33	0.80
Abitato2	1600	Tr 50	16.57	70.14	70.58	70.42	70.61	0.002653	0.76	23.48	81.53	0.40
Abitato2	1600	Tr 100	19.73	70.14	70.62	70.44	70.65	0.002688	0.81	26.44	83.13	0.41
Abitato2	1600	Tr 200	22.92	70.14	70.66	70.47	70.69	0.002674	0.86	29.34	85.97	0.41
Abitato2	1600	Tr 500	27.18	70.14	70.70	70.50	70.74	0.002629	0.91	33.14	88.46	0.41
Abitato2	1500	Tr 50	16.57	69.50	69.98	69.98	70.10	0.013491	1.63	11.45	48.79	0.89
Abitato2	1500	Tr 100	19.73	69.50	70.02	70.02	70.15	0.012675	1.70	13.40	52.07	0.88
Abitato2	1500	Tr 200	22.92	69.50	70.05	70.05	70.19	0.012466	1.77	15.02	53.69	0.88
Abitato2	1500	Tr 500	27.18	69.50	70.09	70.09	70.24	0.012618	1.88	16.91	56.67	0.90
Abitato2	1400	Tr 50	16.57	69.04	69.51	69.34	69.53	0.001952	0.70	27.05	84.55	0.35
Abitato2	1400	Tr 100	19.73	69.04	69.56	69.37	69.58	0.001882	0.73	30.75	86.92	0.35
Abitato2	1400	Tr 200	22.92	69.04	69.60	69.39	69.62	0.001767	0.75	34.55	88.18	0.34
Abitato2	1400	Tr 500	27.18	69.04	69.65	69.41	69.67	0.001777	0.80	38.47	89.46	0.35
Abitato2	1304	Tr 50	16.57	68.62	69.31		69.34	0.002061	0.86	23.83	70.98	0.37
Abitato2	1304	Tr 100	19.73	68.62	69.36		69.39	0.002045	0.90	27.20	74.28	0.38
Abitato2	1304	Tr 200	22.92	68.62	69.27		69.34	0.005355	1.31	21.21	63.19	0.59
Abitato2	1304	Tr 500	27.18	68.62	69.32		69.39	0.005124	1.37	24.51	71.84	0.59
Abitato2	1212	Tr 50	16.57	68.33	68.78	68.78	68.91	0.013358	1.77	10.92	38.70	0.90
Abitato2	1212	Tr 100	19.73	68.33	68.81	68.81	68.96	0.013528	1.88	12.21	39.30	0.92
Abitato2	1212	Tr 200	22.92	68.33	68.88	68.85	68.92	0.003508	1.05	28.36	91.43	0.48
Abitato2	1212	Tr 500	27.18	68.33	68.90	68.85	68.94	0.004080	1.16	30.18	92.14	0.52
Abitato2	1119	Tr 50	16.57	67.86	68.25	68.25	68.36	0.012891	1.57	12.17	57.28	0.86
Abitato2	1119	Tr 100	19.73	67.86	68.30	68.29	68.40	0.010013	1.52	15.34	63.15	0.78
Abitato2	1119	Tr 200	22.92	67.86	68.34	68.31	68.44	0.009000	1.54	17.98	64.50	0.75
Abitato2	1119	Tr 500	27.18	67.86	68.41	68.35	68.50	0.006498	1.45	22.57	67.86	0.66
Abitato2	998	Tr 50	16.57	67.41	68.05	67.74	68.07	0.000828	0.59	28.31	59.00	0.24
Abitato2	998	Tr 100	19.73	67.41	68.12	67.76	68.14	0.000813	0.63	32.90	67.02	0.25
Abitato2	998	Tr 200	22.92	67.41	68.19	67.79	68.21	0.000705	0.63	37.87	74.18	0.23
Abitato2	998	Tr 500	27.18	67.41	68.28	67.83	68.30	0.000652	0.65	44.66	83.25	0.23
Abitato2	900	Tr 50	16.57	67.20	67.98	67.59	67.99	0.000592	0.54	37.42	80.71	0.21
Abitato2	900	Tr 100	19.73	67.20	68.06	67.62	68.07	0.000571	0.57	43.83	91.34	0.21
Abitato2	900	Tr 200	22.92	67.20	68.14	67.65	68.15	0.000482	0.56	51.42	93.95	0.19
Abitato2	900	Tr 500	27.18	67.20	68.23	67.68	68.24	0.000421	0.56	60.21	95.42	0.19
Abitato2	800	Tr 50	16.57	67.09	67.92	67.51	67.93	0.000644	0.59	32.78	60.49	0.22
Abitato2	800	Tr 100	19.73	67.09	68.00	67.54	68.01	0.000609	0.62	37.50	62.00	0.22
Abitato2	800	Tr 200	22.92	67.09	68.08	67.57	68.10	0.000536	0.62	43.08	63.00	0.21
Abitato2	800	Tr 500	27.18	67.09	68.18	67.61	68.20	0.000499	0.64	49.24	64.05	0.20
Abitato2	702	Tr 50	16.57	66.53	67.48	67.48	67.68	0.981647	1.93	8.89	27.83	0.74
Abitato2	702	Tr 100	19.73	66.53	67.60	67.52	67.77	0.432026	1.42	12.34	30.37	0.50
Abitato2	702	Tr 200	22.92	66.53	67.73		67.90	0.199464	1.06	16.41	33.09	0.35
Abitato2	702	Tr 500	27.18	66.53	67.89		68.02	0.091265	0.80	23.18	48.60	0.24
Abitato2	588	Tr 50	16.57	64.82	67.07	65.42	67.07	0.001168	0.14	153.62	112.17	0.03
Abitato2	588	Tr 100	19.73	64.82	67.18		67.18	0.001324	0.15	165.63	114.42	0.03
Abitato2	588	Tr 200	22.92	64.82	67.27		67.27	0.001483	0.17	176.21	116.01	0.04
Abitato2	588	Tr 500	27.18	64.82	67.38		67.38	0.001684	0.18	189.35	118.40	0.04
Abitato2	476	Tr 50	16.57	66.17	66.55	66.48	66.59	0.659247	0.98	21.62	103.74	0.54
Abitato2	476	Tr 100	19.73	66.17	66.62	66.51	66.64	0.419127	0.88	28.56	110.67	0.44
Abitato2	476	Tr 200	22.92	66.17	66.65	66.53	66.68	0.388729	0.90	32.55	120.37	0.43
Abitato2	476	Tr 500	27.18	66.17	66.69	66.55	66.72	0.379860	0.93	37.00	126.16	0.43

HEC-RAS Plan: 04022021 River: Asta Secondaria Reach: Abitato2 (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
Abitato2	410	Tr 50	16.57	62.20	63.25		63.26	0.017058	0.32	63.41	91.48	0.10
Abitato2	410	Tr 100	19.73	62.20	63.34		63.34	0.018376	0.35	71.41	101.25	0.11
Abitato2	410	Tr 200	22.92	62.20	63.41		63.42	0.018362	0.37	79.40	105.14	0.11
Abitato2	410	Tr 500	27.18	62.20	63.51		63.52	0.018068	0.39	89.67	108.67	0.11
Abitato2	300	Tr 50	16.57	60.63	61.85		61.85	0.009919	0.27	71.66	84.81	0.08
Abitato2	300	Tr 100	19.73	60.63	61.99		62.00	0.008690	0.28	84.32	88.51	0.08
Abitato2	300	Tr 200	22.92	60.63	62.12		62.12	0.008184	0.29	95.64	92.89	0.08
Abitato2	300	Tr 500	27.18	60.63	62.26		62.26	0.007843	0.30	108.71	95.54	0.08
Abitato2	159	Tr 50	16.57	59.21	61.27		61.27	0.002247	0.18	106.15	74.18	0.04
Abitato2	159	Tr 100	19.73	59.21	61.42		61.43	0.002328	0.19	117.99	76.25	0.04
Abitato2	159	Tr 200	22.92	59.21	61.50		61.50	0.002743	0.22	123.66	77.48	0.05
Abitato2	159	Tr 500	27.18	59.21	61.53		61.53	0.003665	0.25	125.98	78.13	0.05

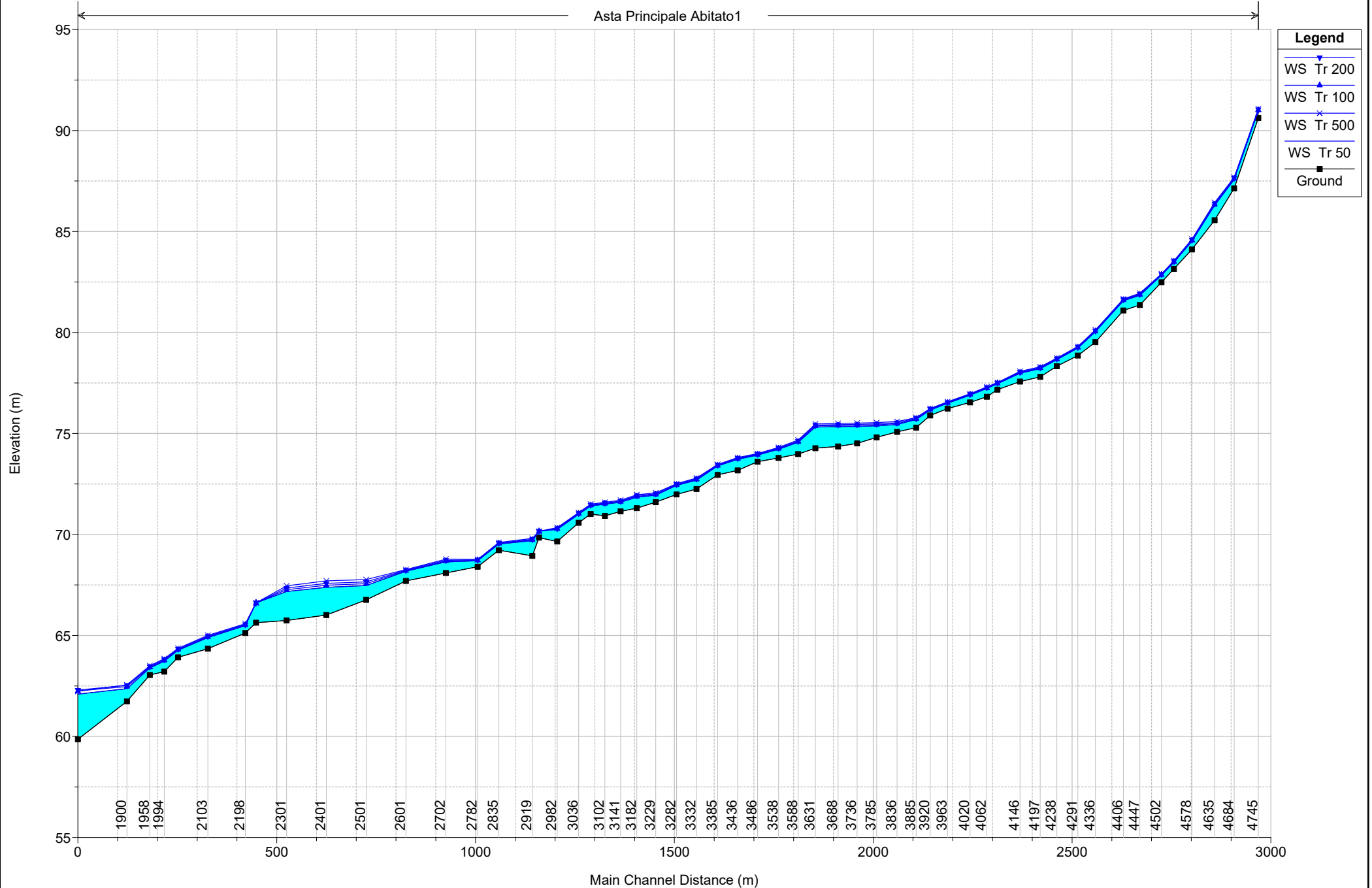
EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



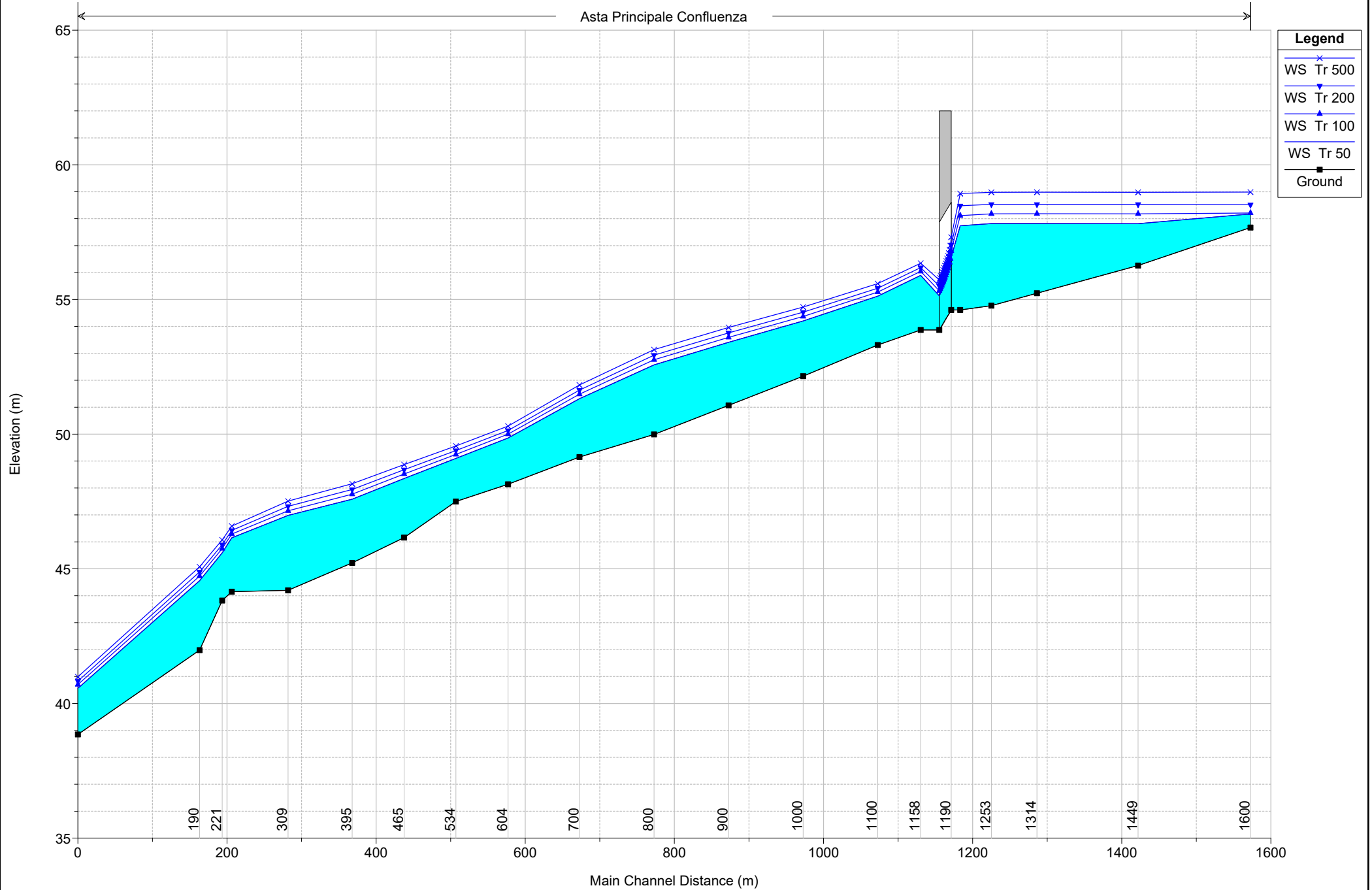
EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

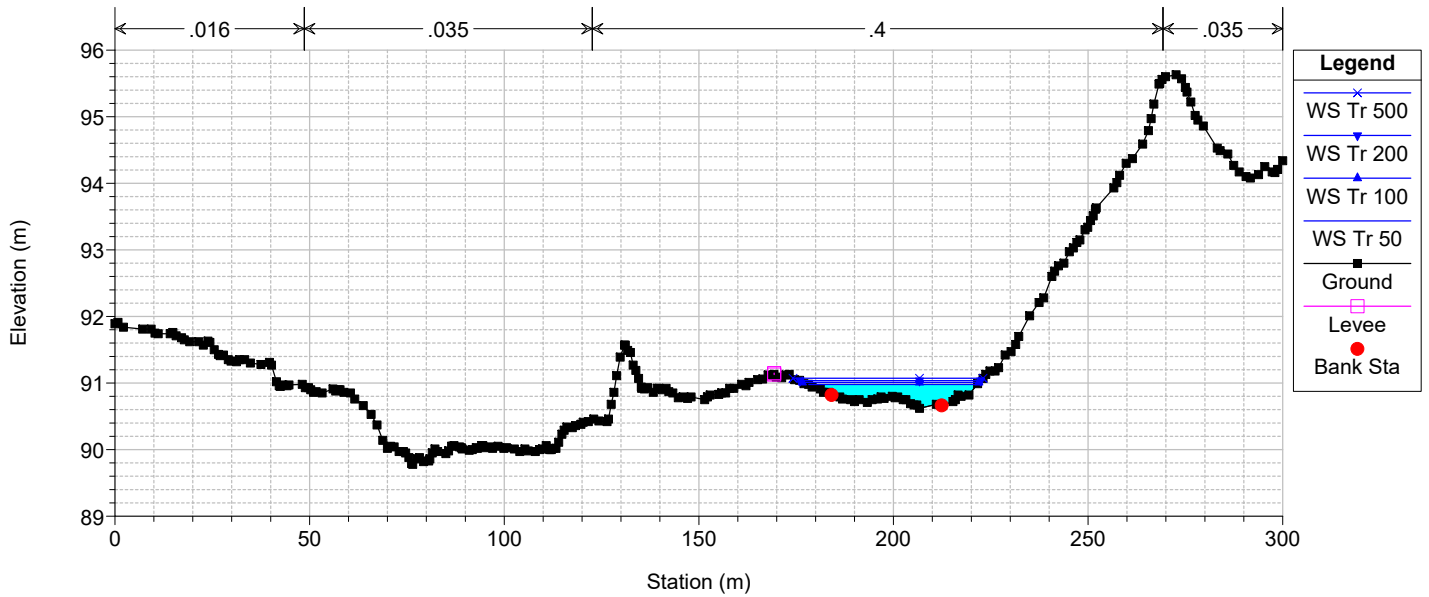
Geom: 04022021_mod Flow: 04022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

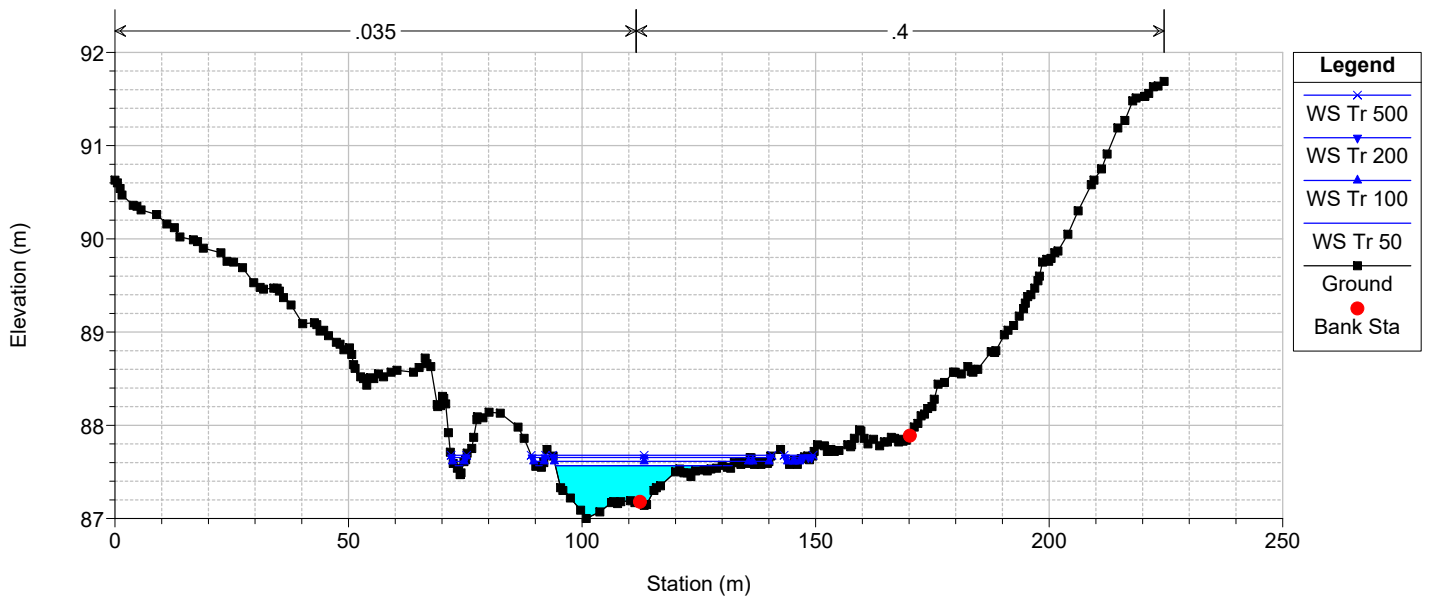
River = Asta Principale Reach = Abitato1 RS = 4745 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

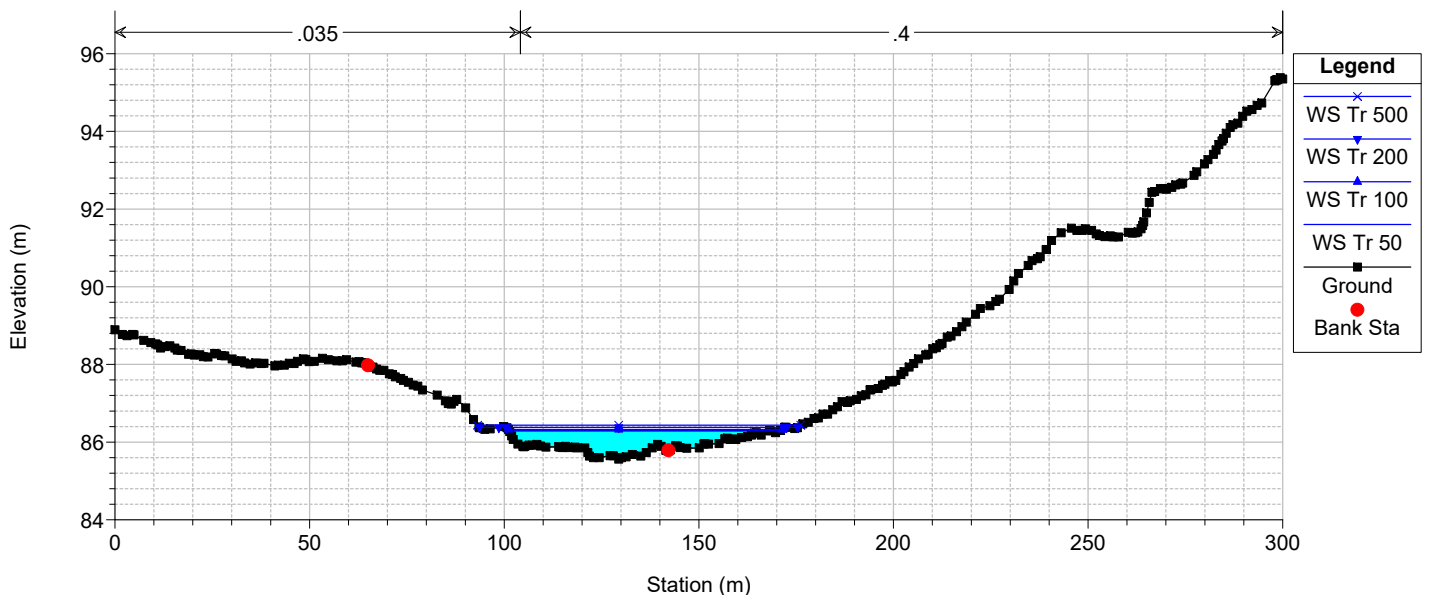
River = Asta Principale Reach = Abitato1 RS = 4684 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

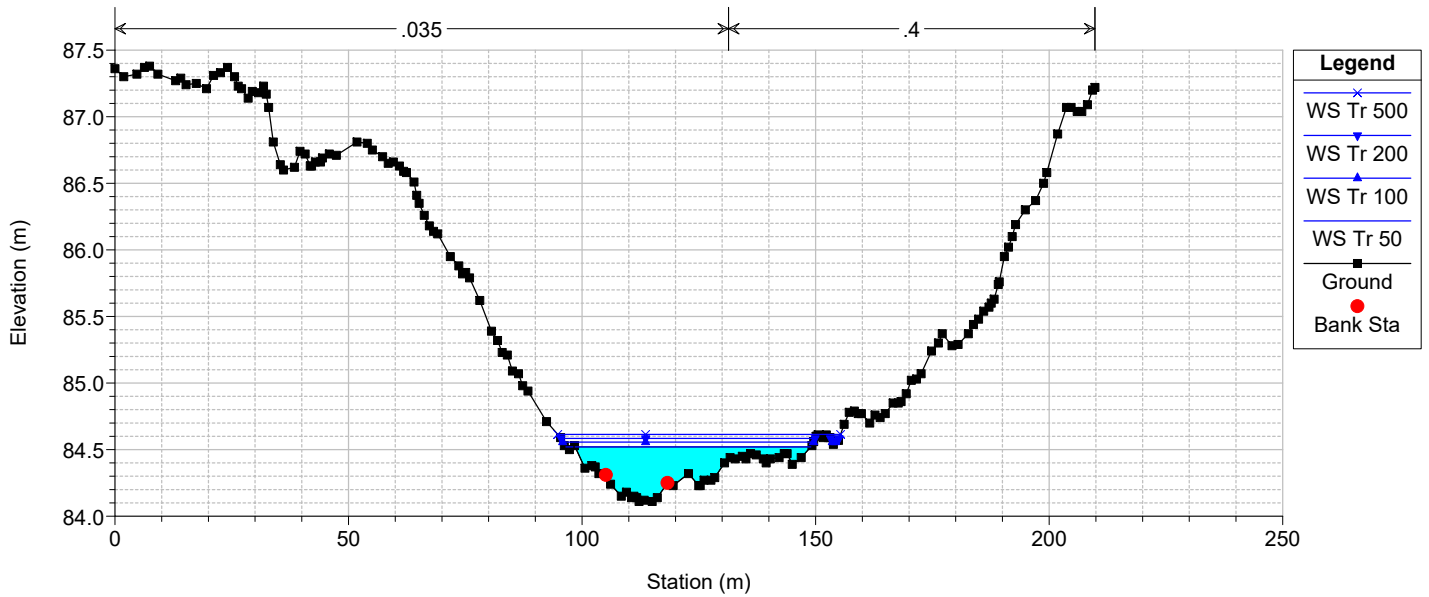
River = Asta Principale Reach = Abitato1 RS = 4635 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

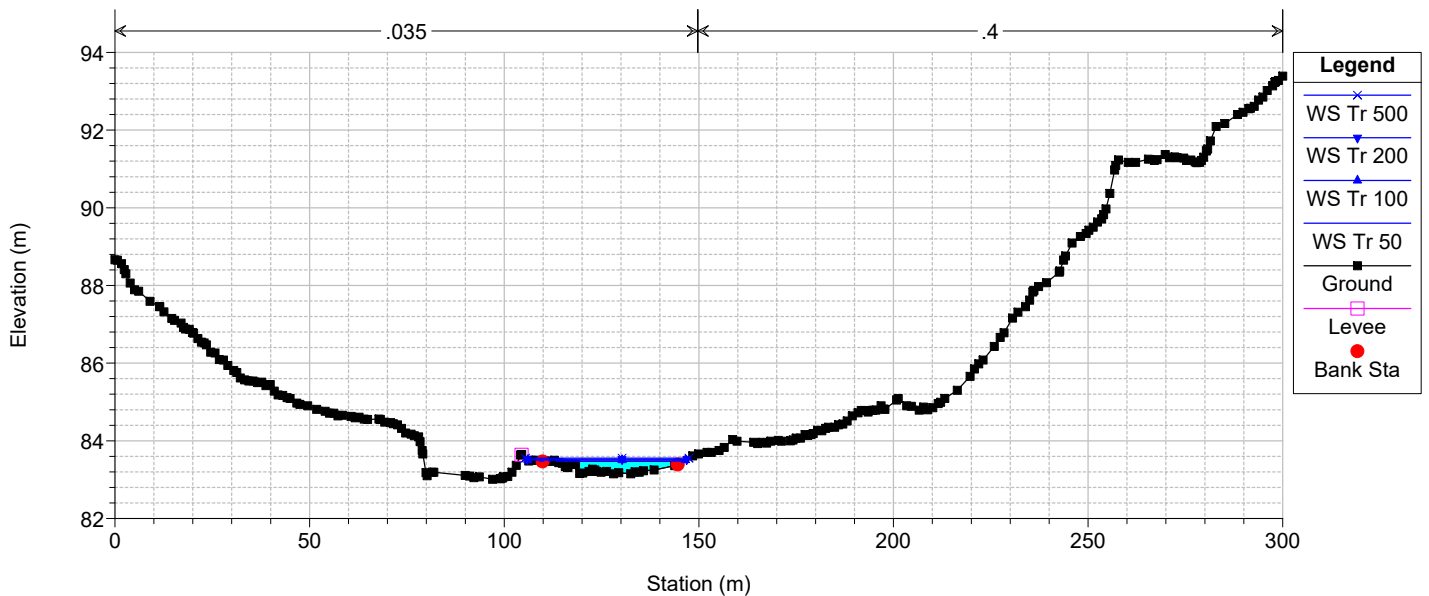
River = Asta Principale Reach = Abitato1 RS = 4578 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

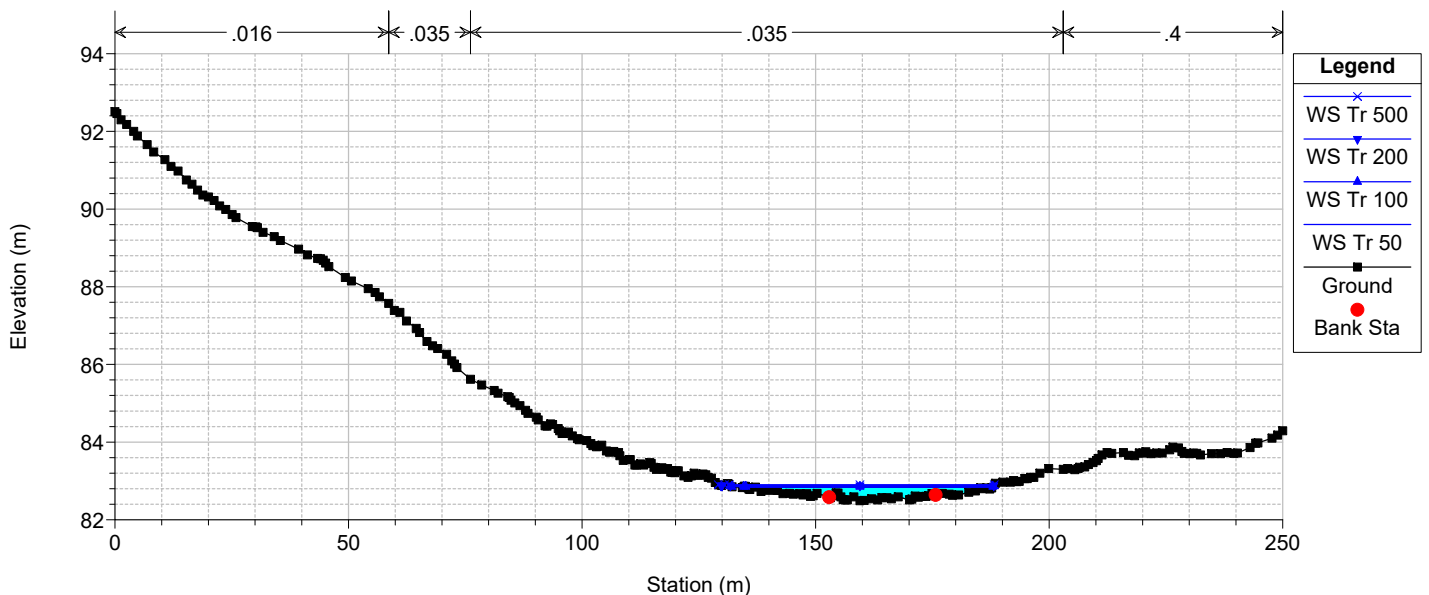
River = Asta Principale Reach = Abitato1 RS = 4533 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

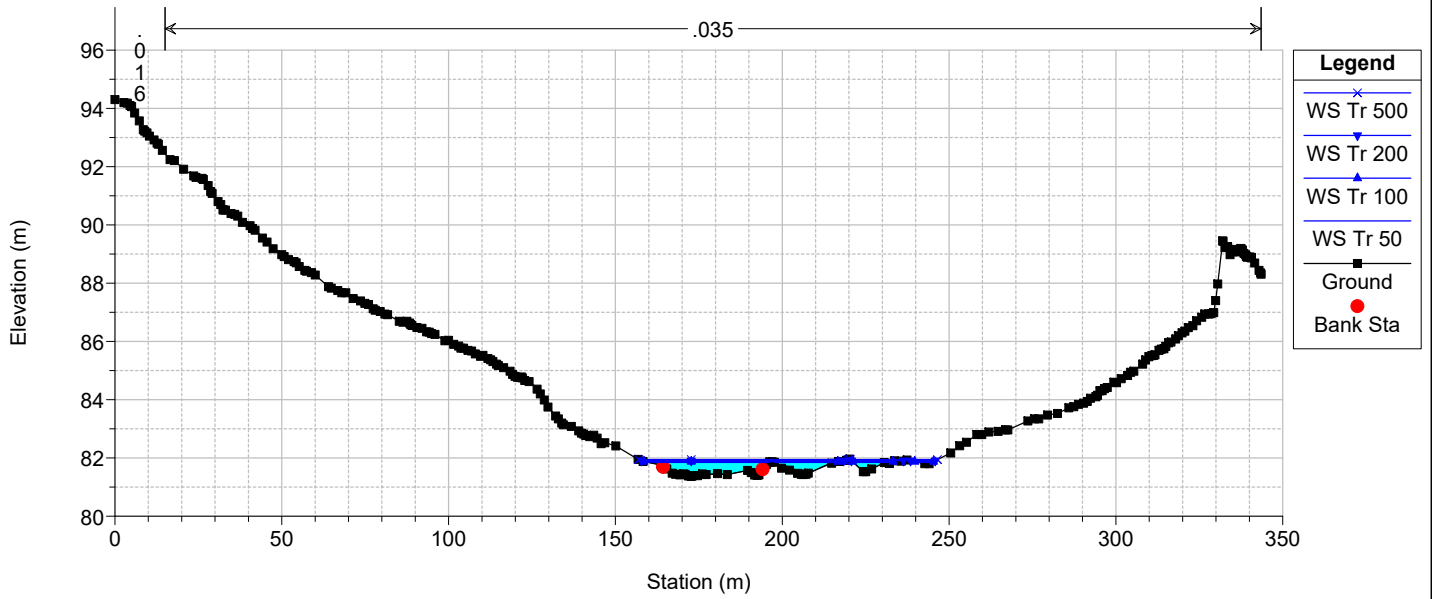
River = Asta Principale Reach = Abitato1 RS = 4502 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

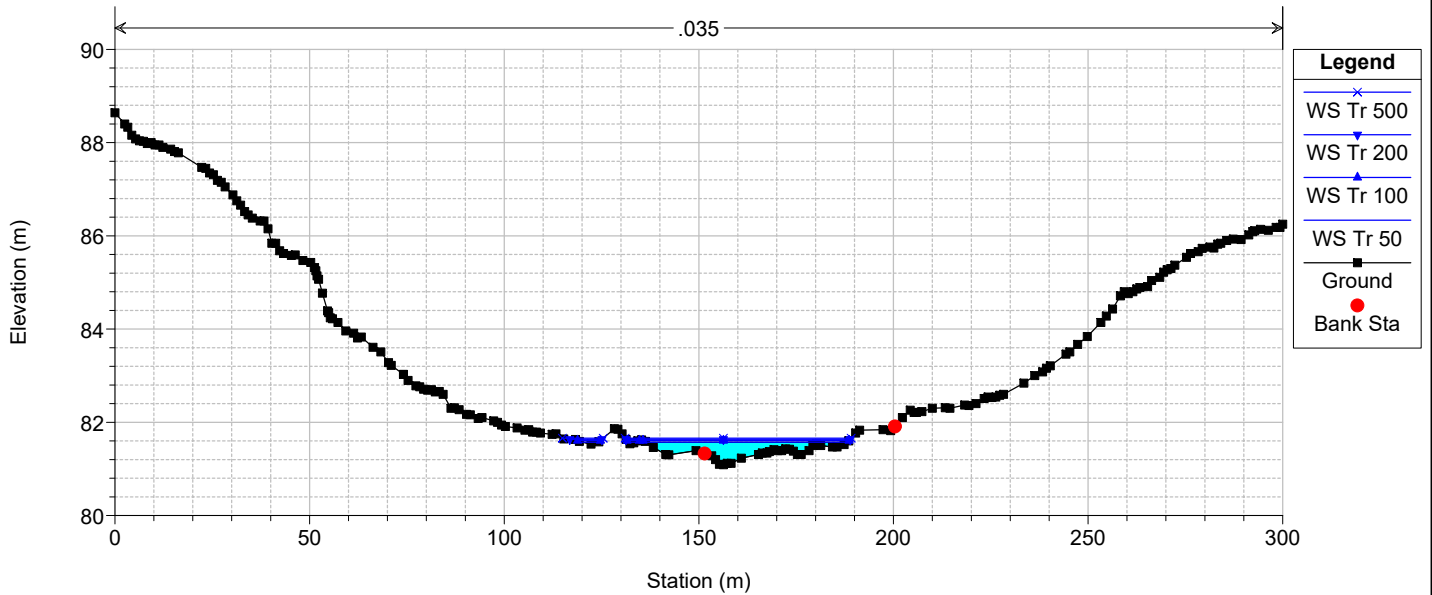
River = Asta Principale Reach = Abitato1 RS = 4447 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

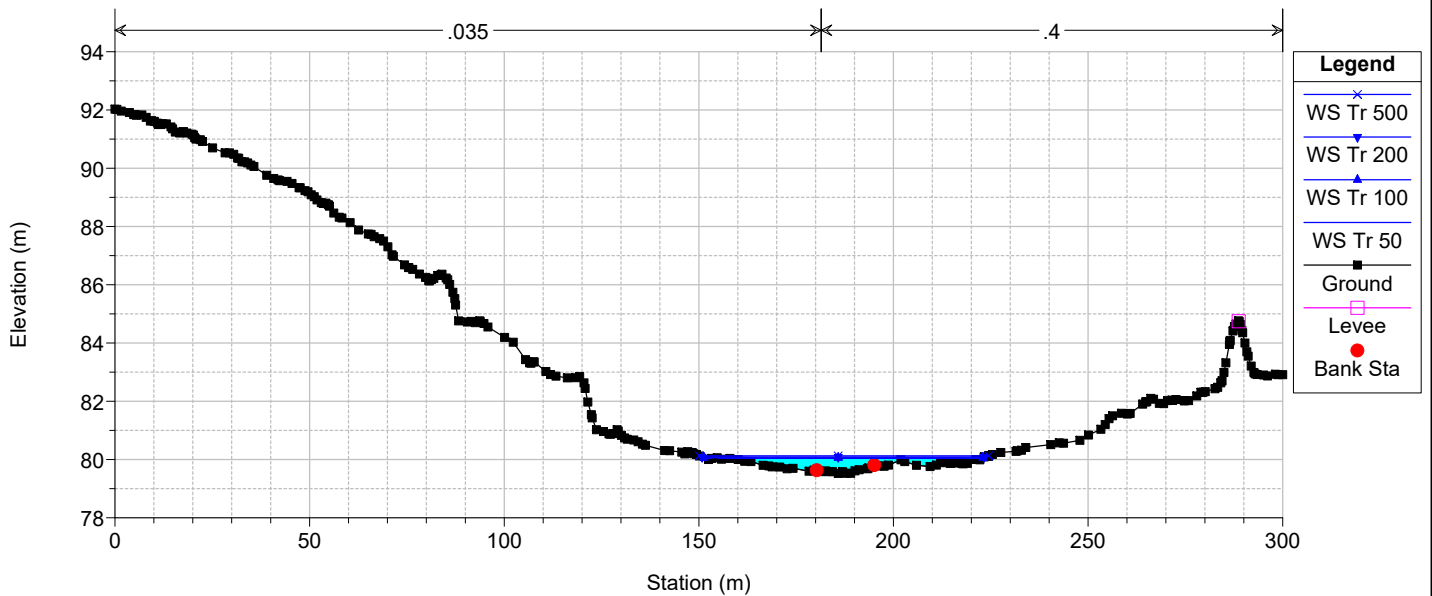
River = Asta Principale Reach = Abitato1 RS = 4406 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

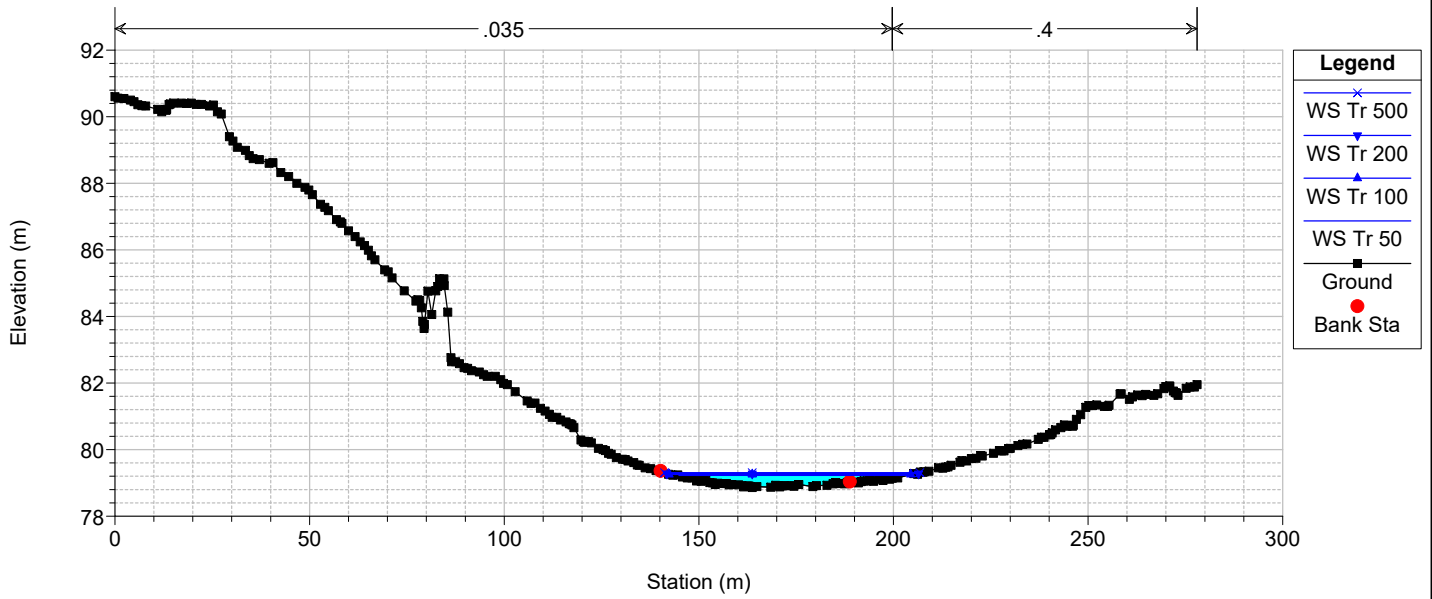
River = Asta Principale Reach = Abitato1 RS = 4336 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

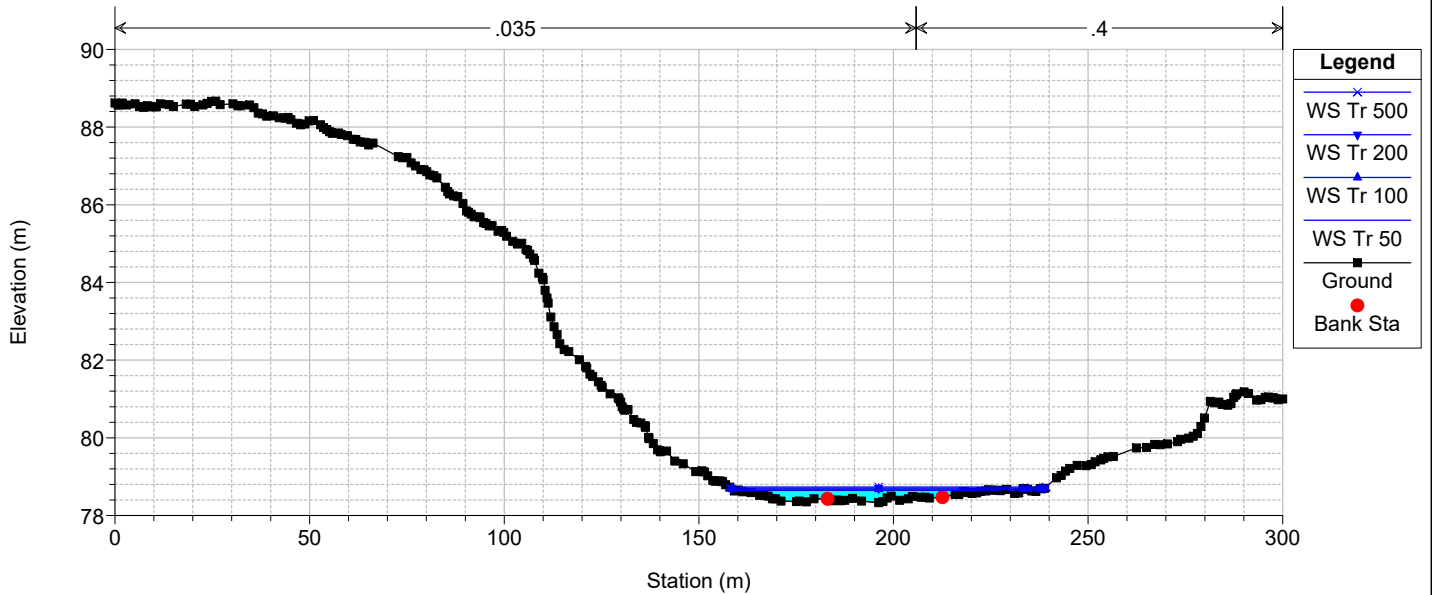
River = Asta Principale Reach = Abitato1 RS = 4291 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

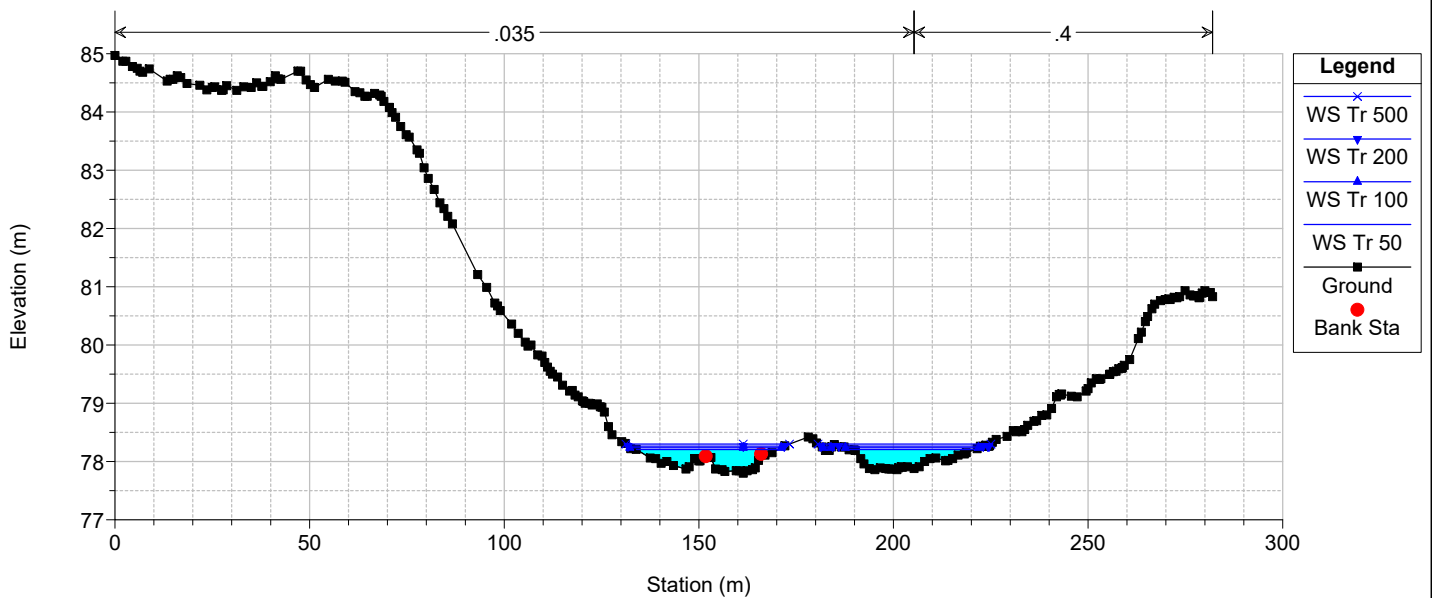
River = Asta Principale Reach = Abitato1 RS = 4238 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

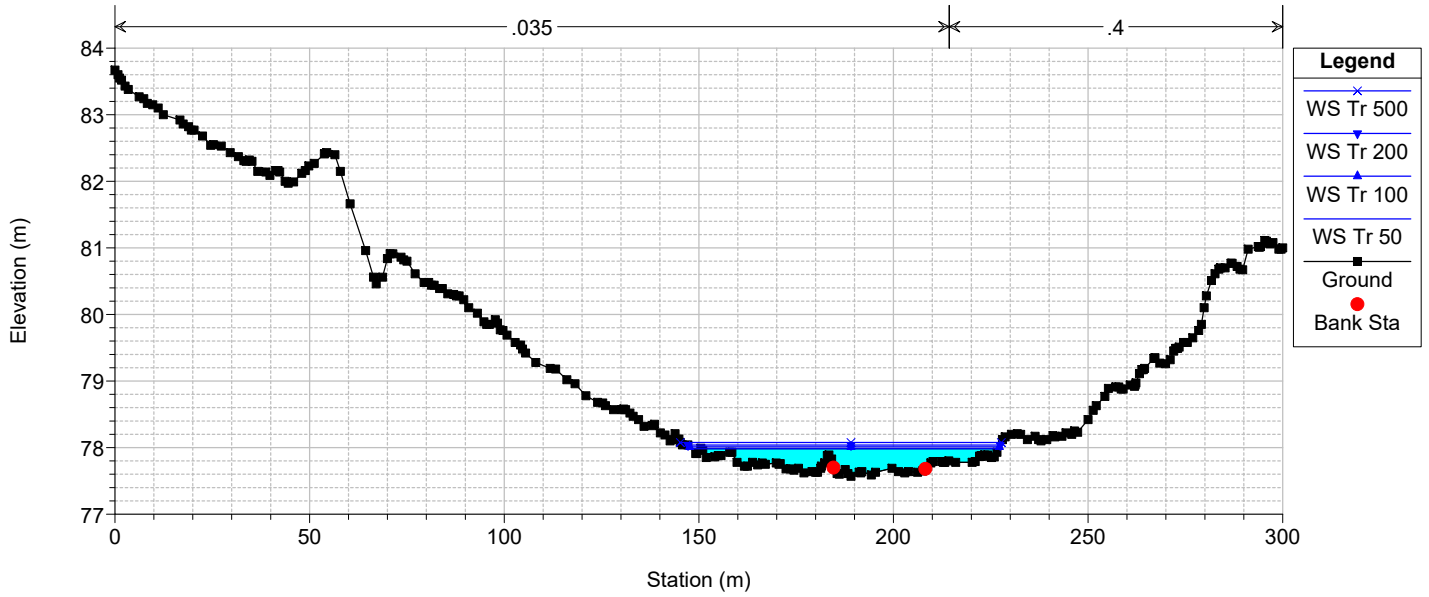
River = Asta Principale Reach = Abitato1 RS = 4197 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

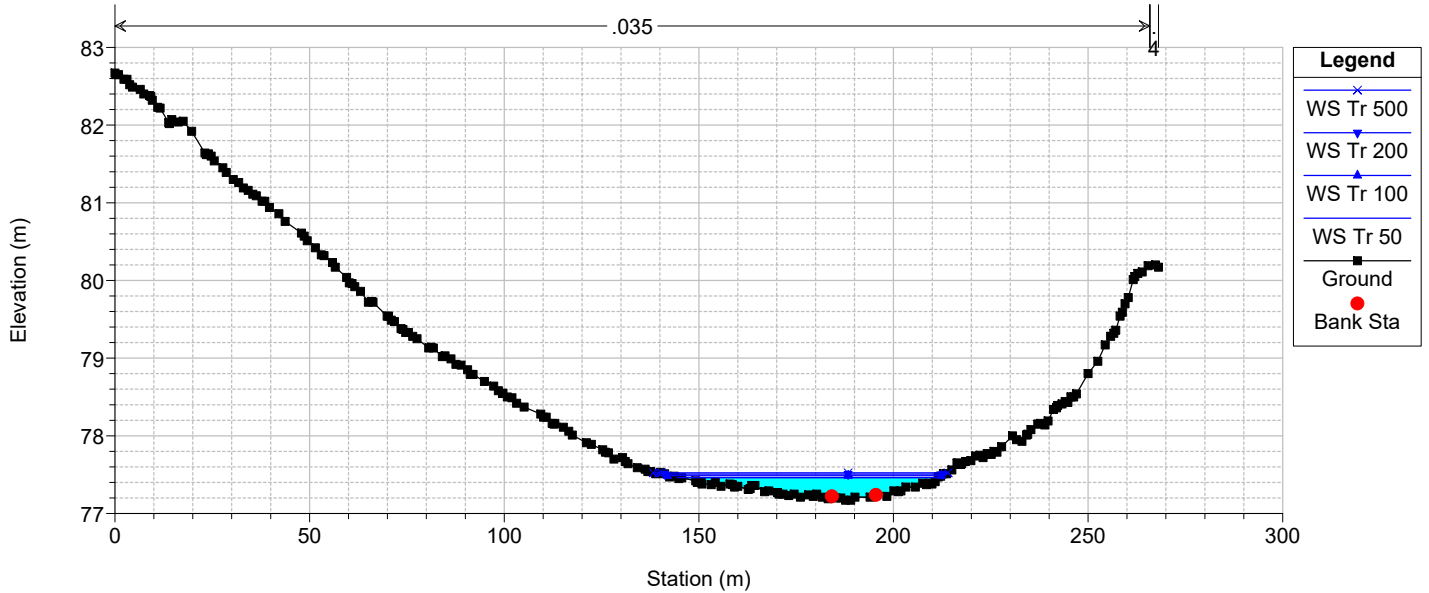
River = Asta Principale Reach = Abitato1 RS = 4146 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

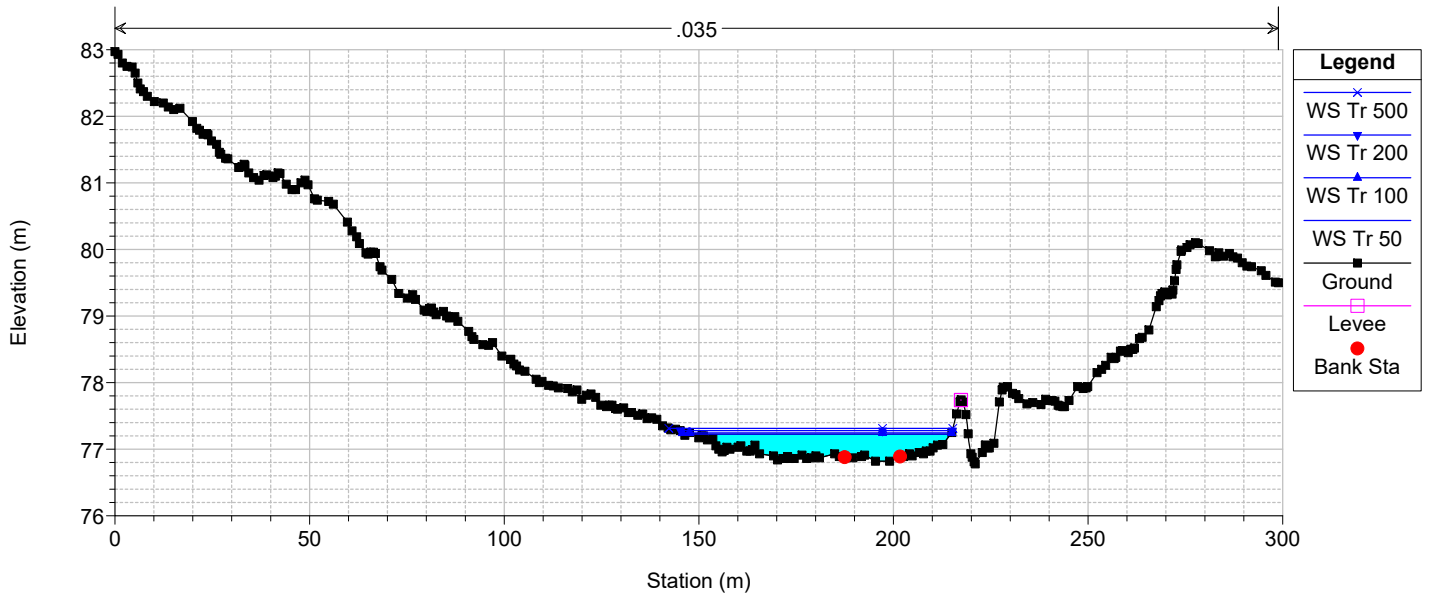
River = Asta Principale Reach = Abitato1 RS = 4089 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

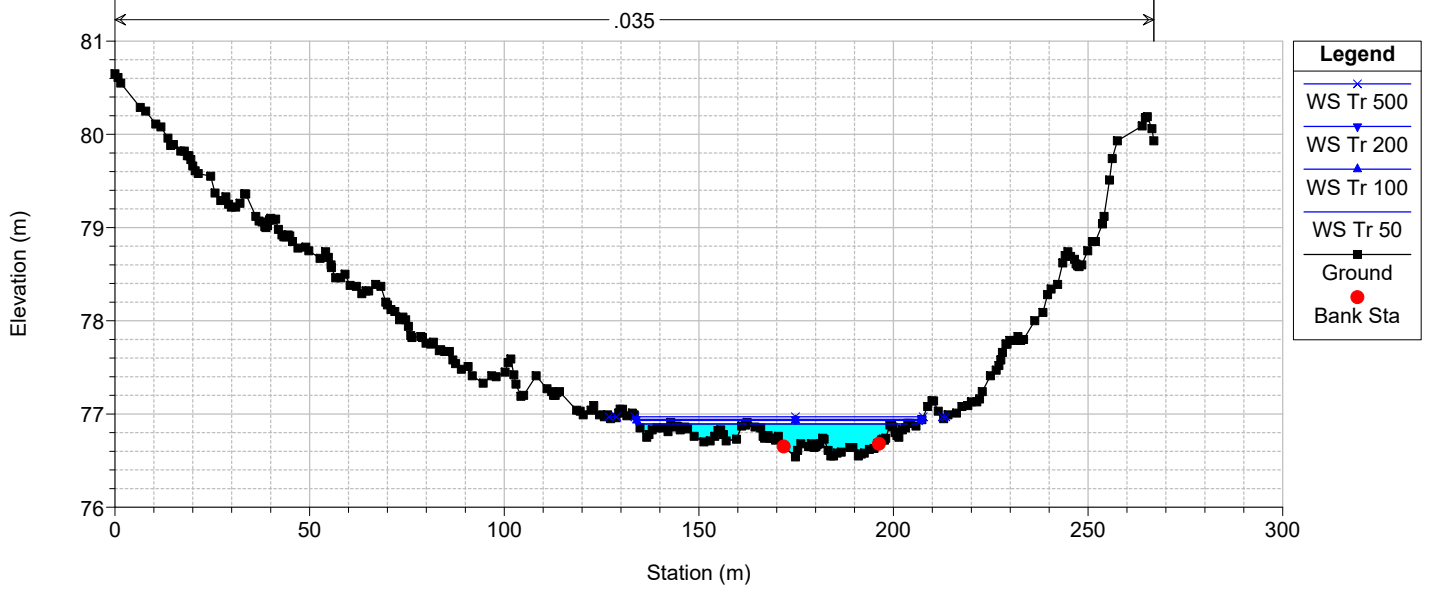
River = Asta Principale Reach = Abitato1 RS = 4062 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

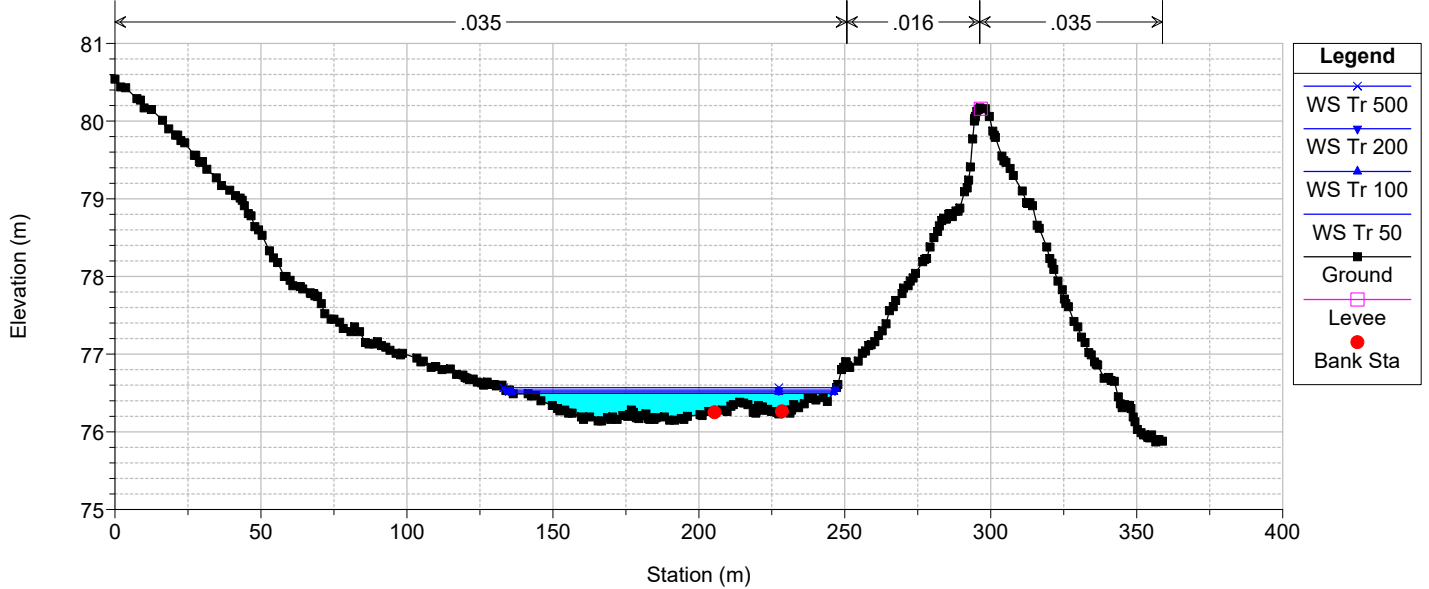
River = Asta Principale Reach = Abitato1 RS = 4020 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

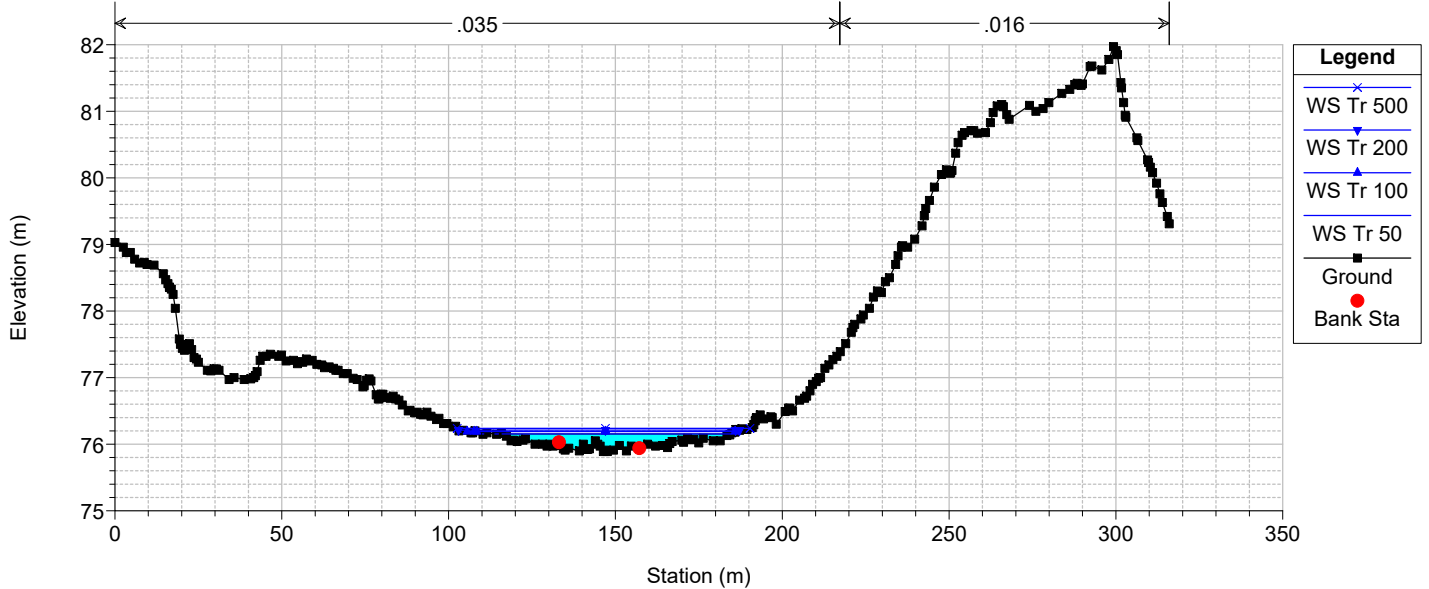
River = Asta Principale Reach = Abitato1 RS = 3963 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

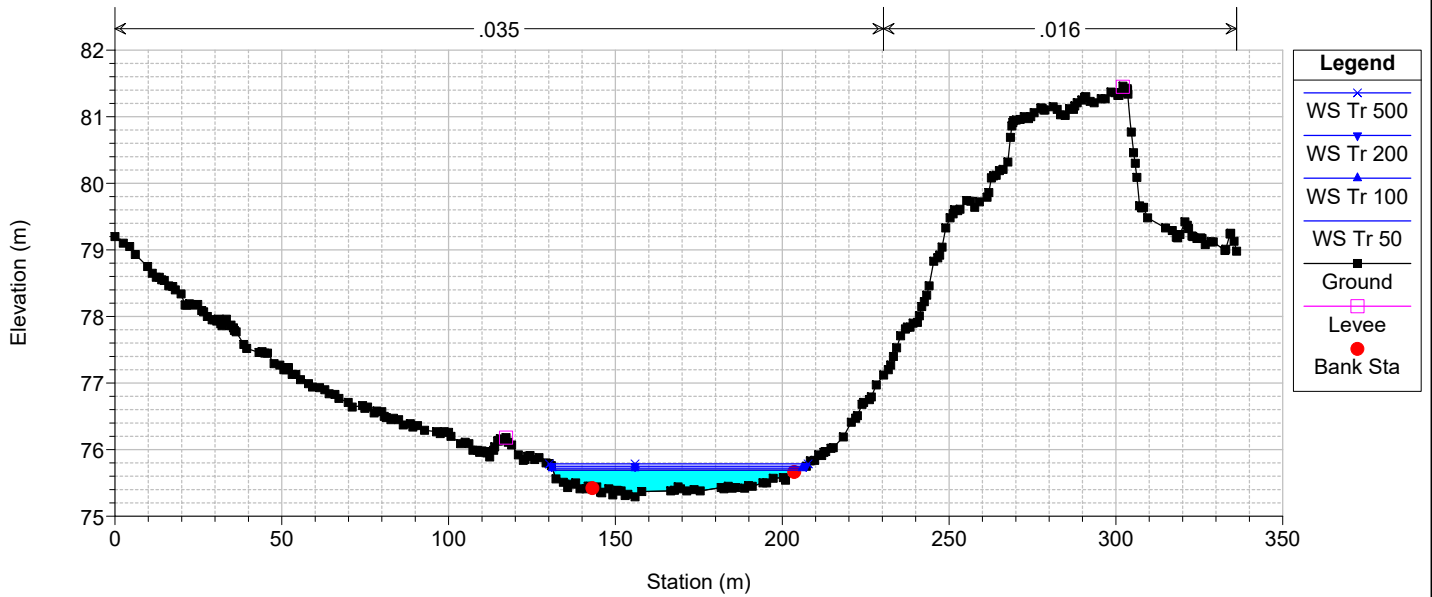
River = Asta Principale Reach = Abitato1 RS = 3920 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

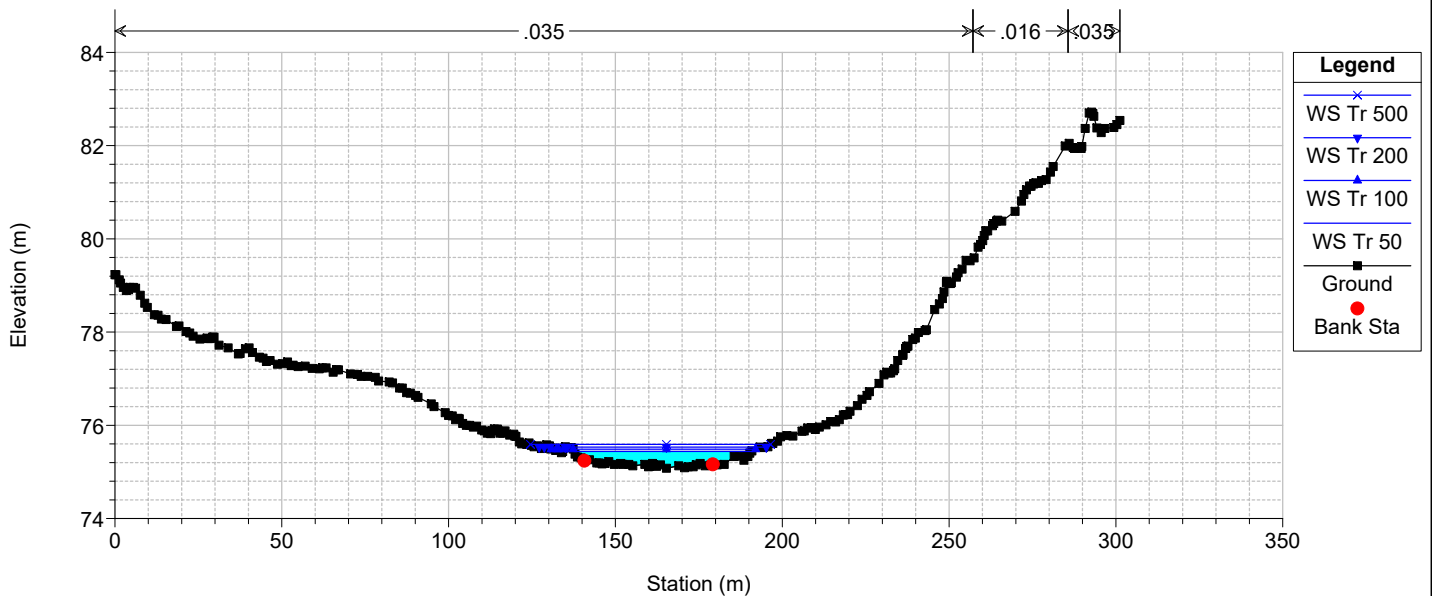
River = Asta Principale Reach = Abitato1 RS = 3885 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

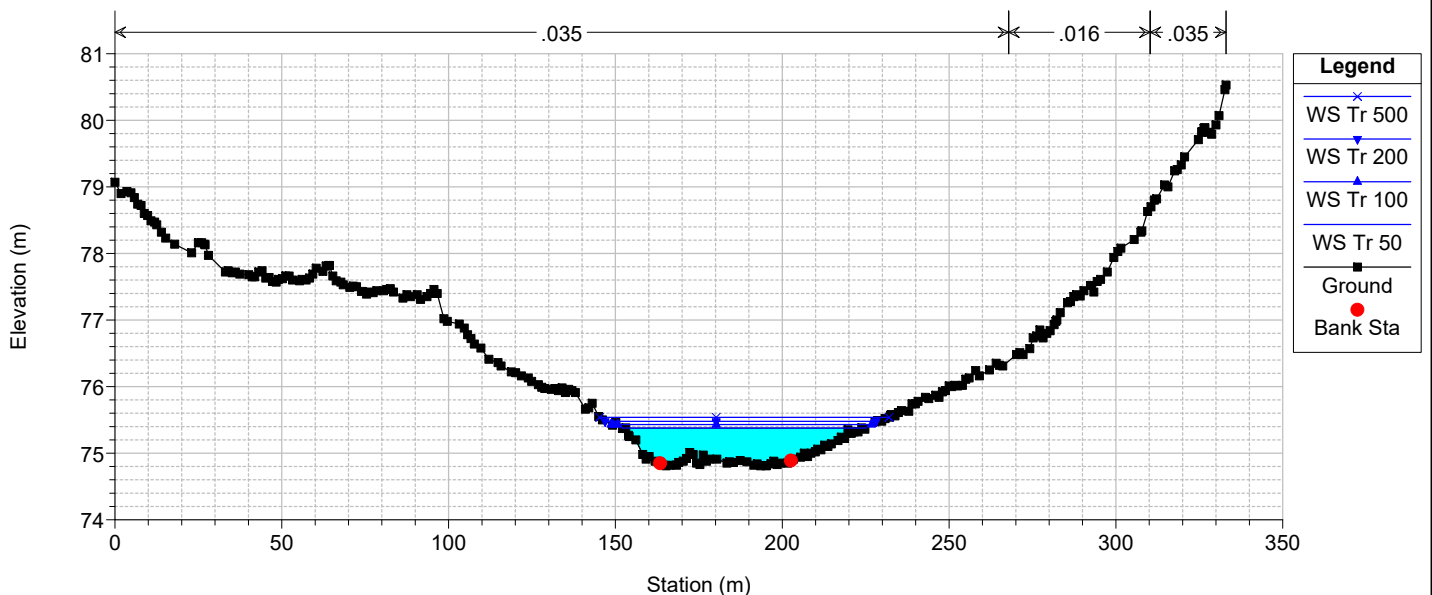
River = Asta Principale Reach = Abitato1 RS = 3836 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

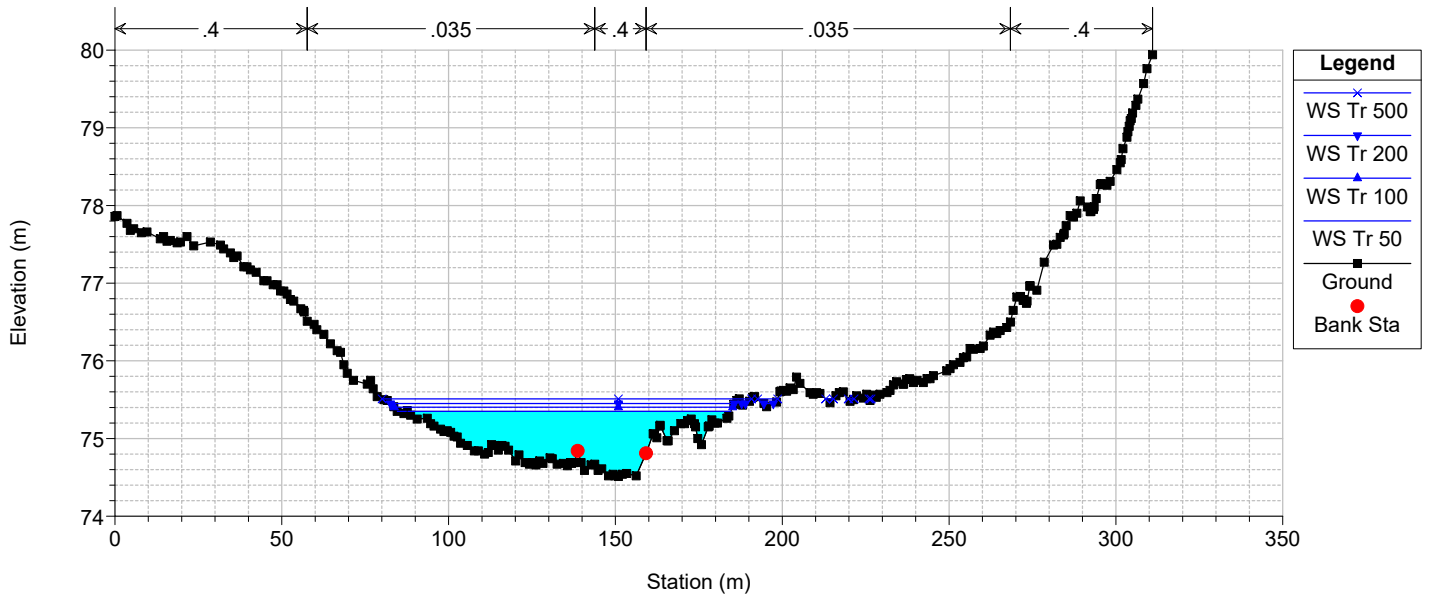
River = Asta Principale Reach = Abitato1 RS = 3785 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

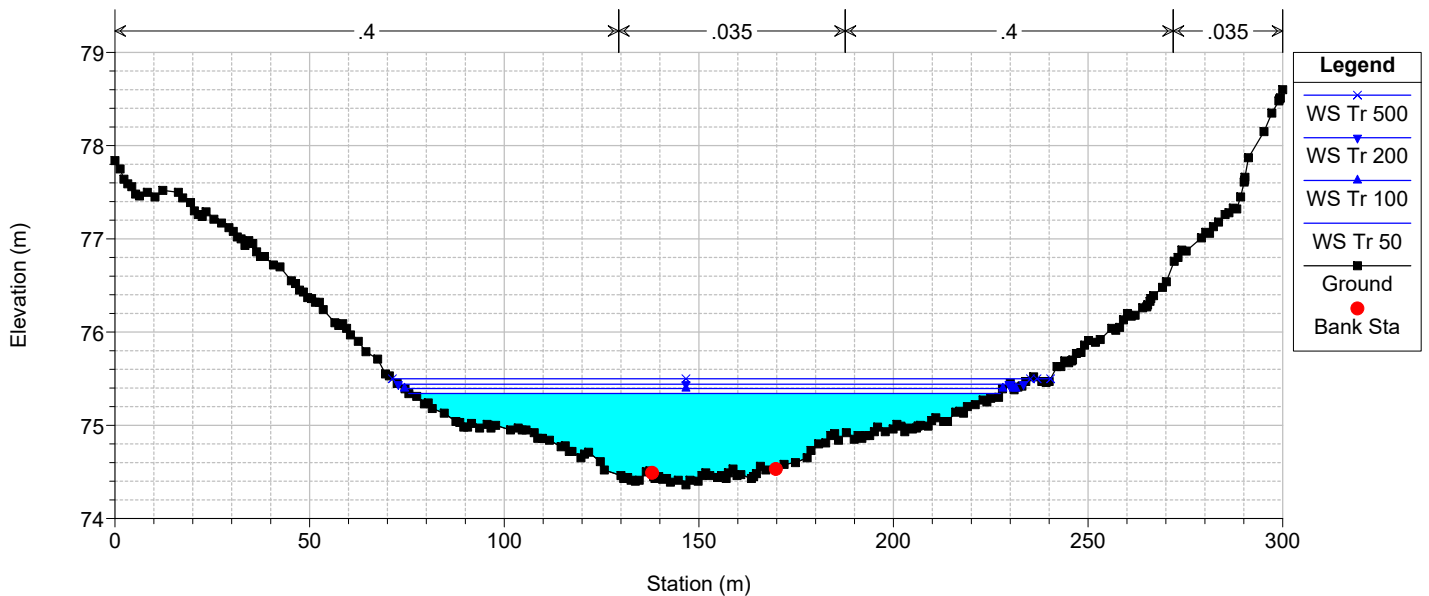
River = Asta Principale Reach = Abitato1 RS = 3736 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

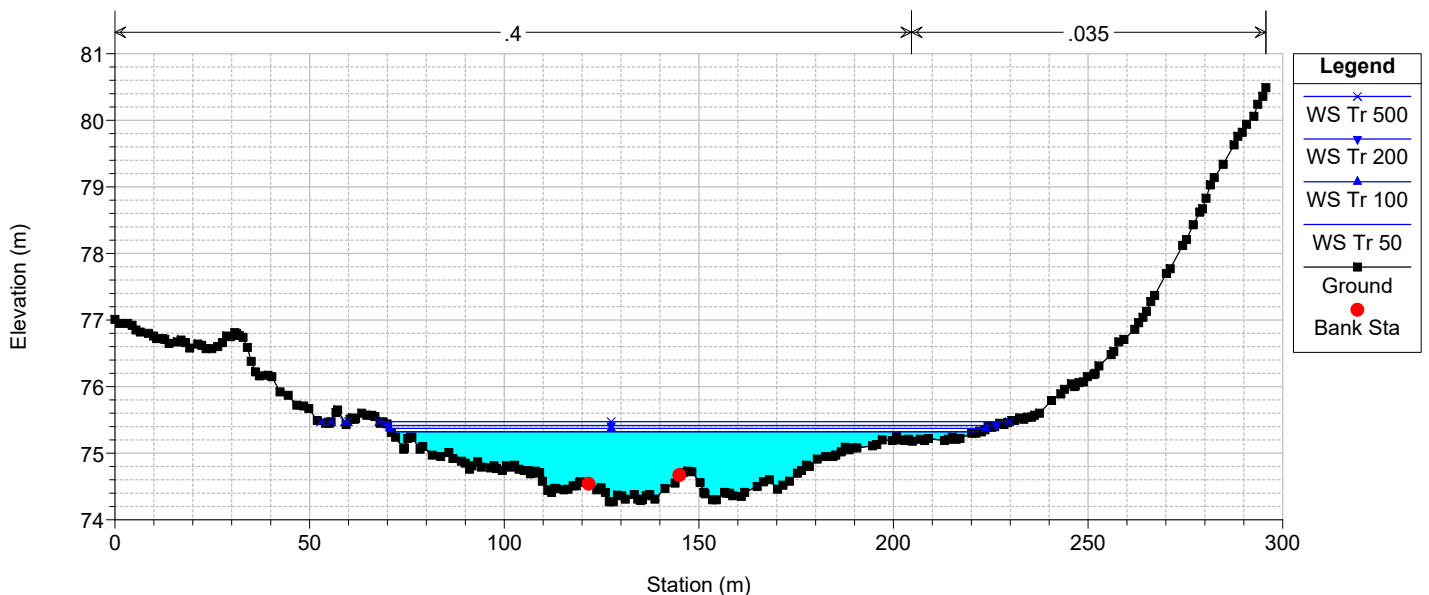
River = Asta Principale Reach = Abitato1 RS = 3688 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

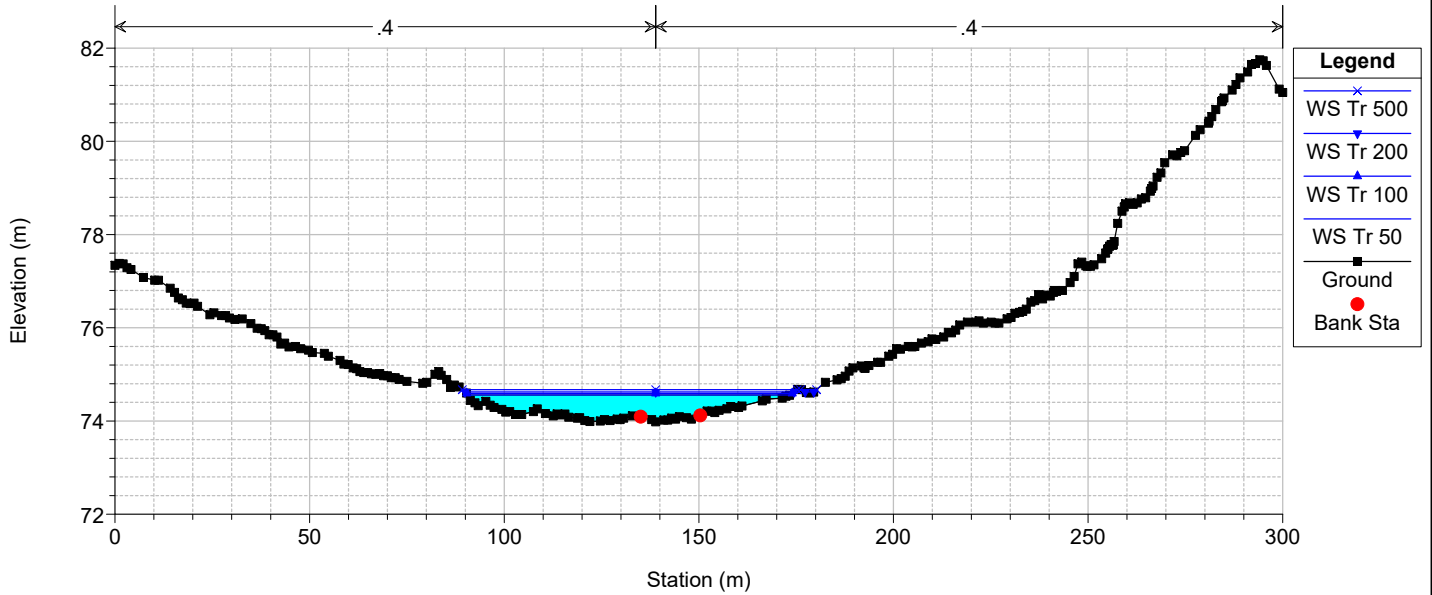
River = Asta Principale Reach = Abitato1 RS = 3631 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

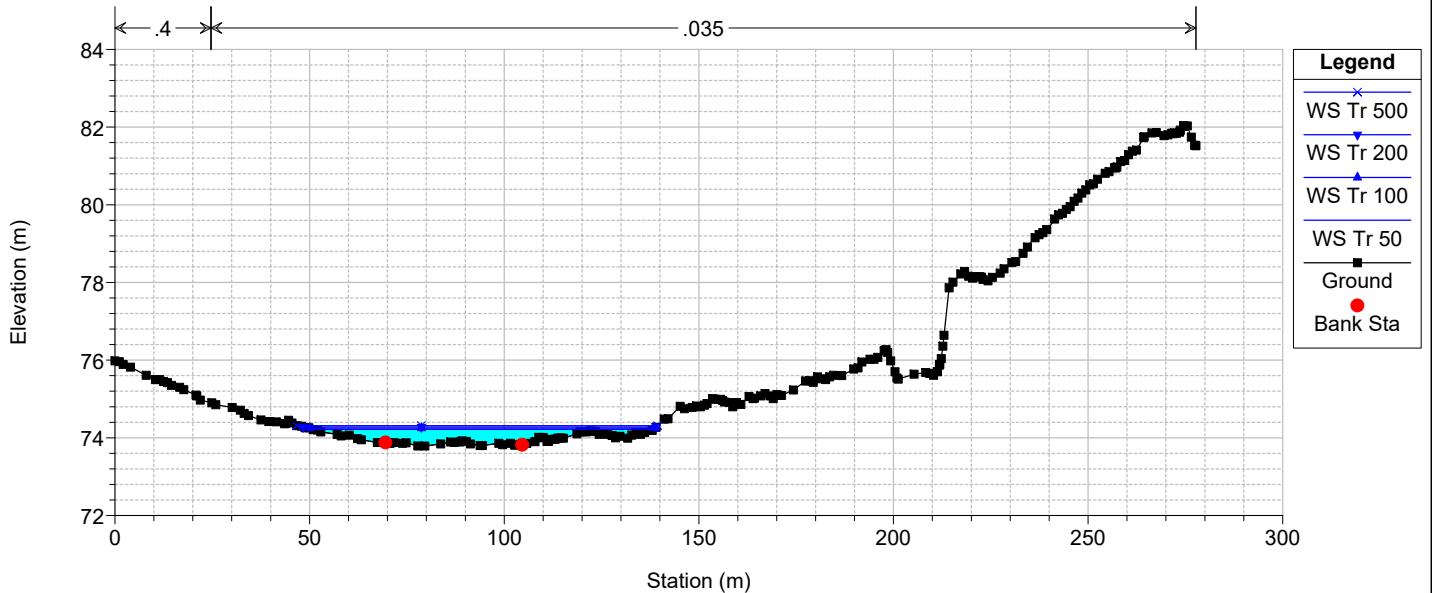
River = Asta Principale Reach = Abitato1 RS = 3588 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

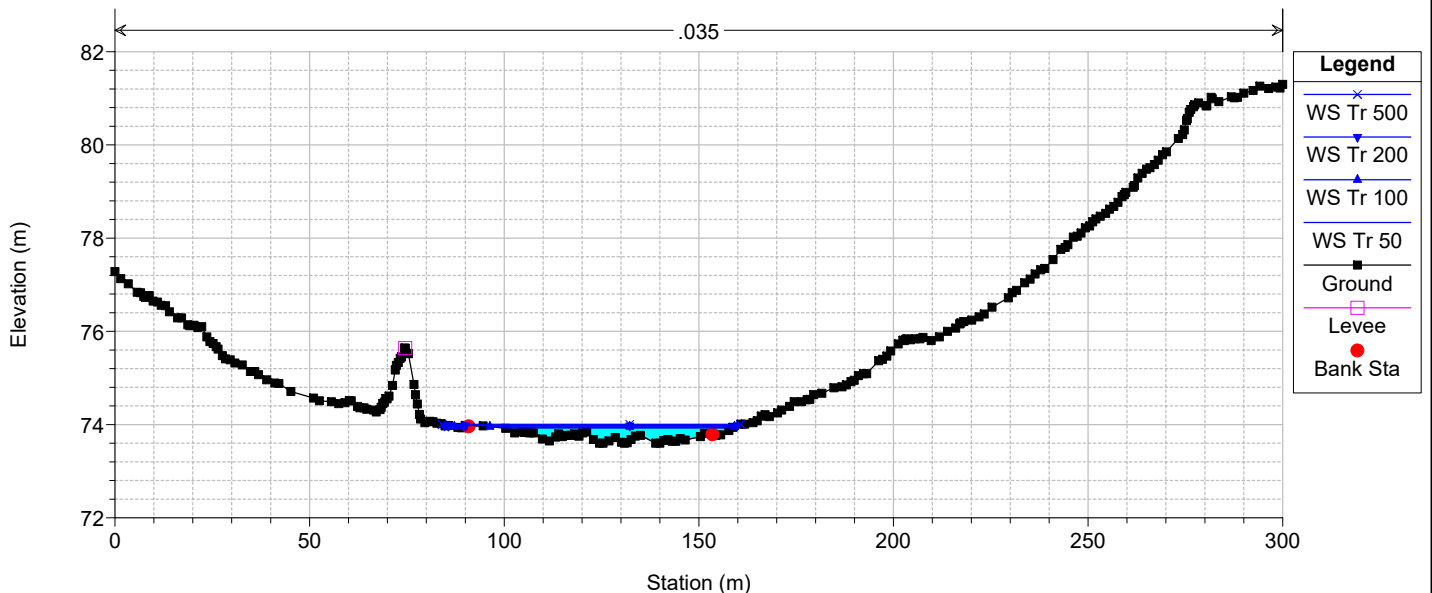
River = Asta Principale Reach = Abitato1 RS = 3538 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

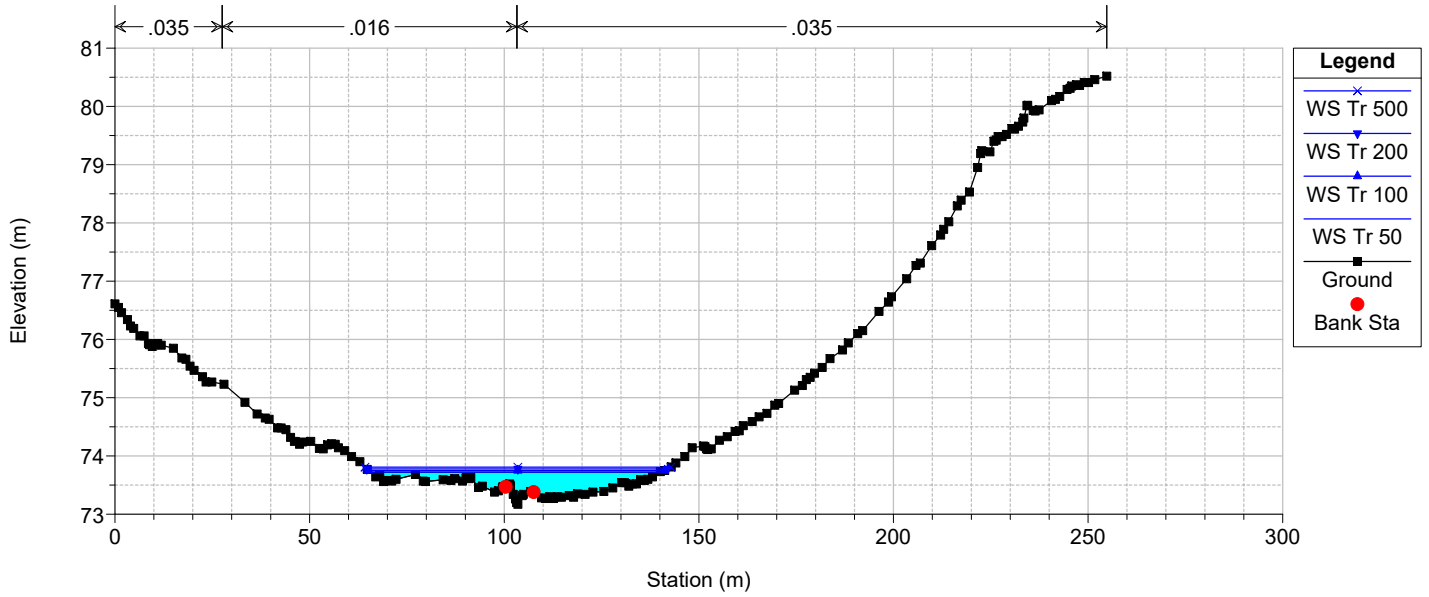
River = Asta Principale Reach = Abitato1 RS = 3486 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

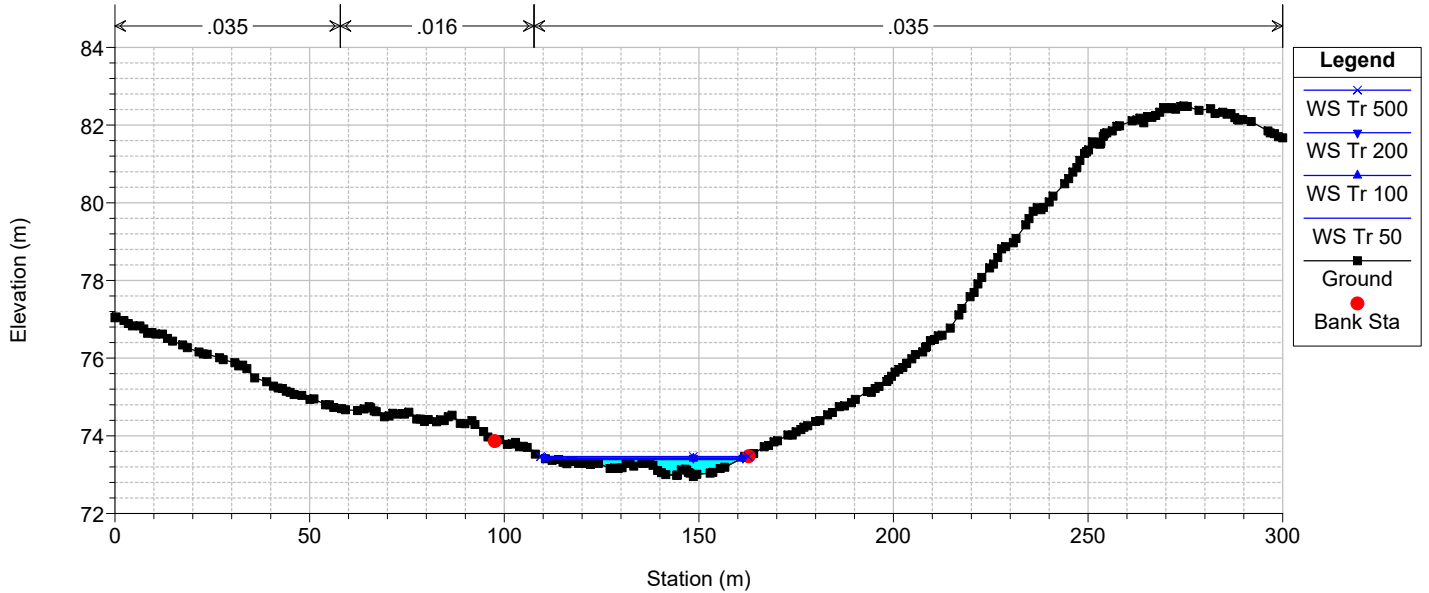
River = Asta Principale Reach = Abitato1 RS = 3436 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

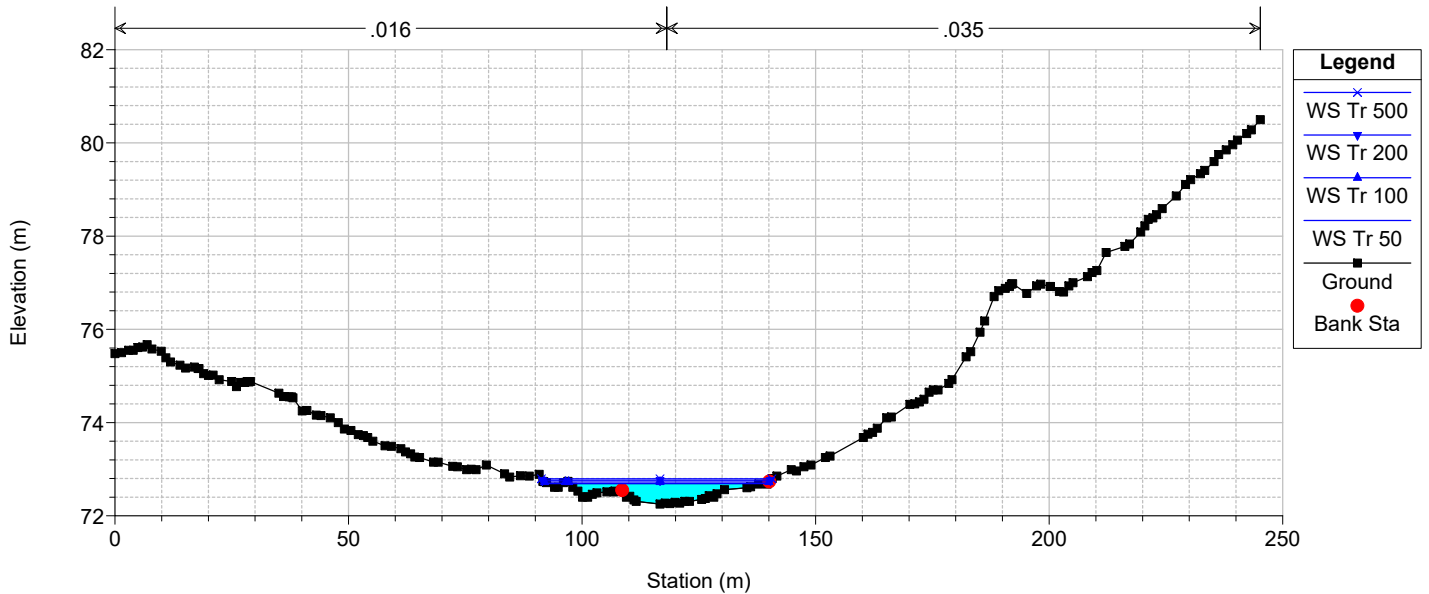
River = Asta Principale Reach = Abitato1 RS = 3385 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

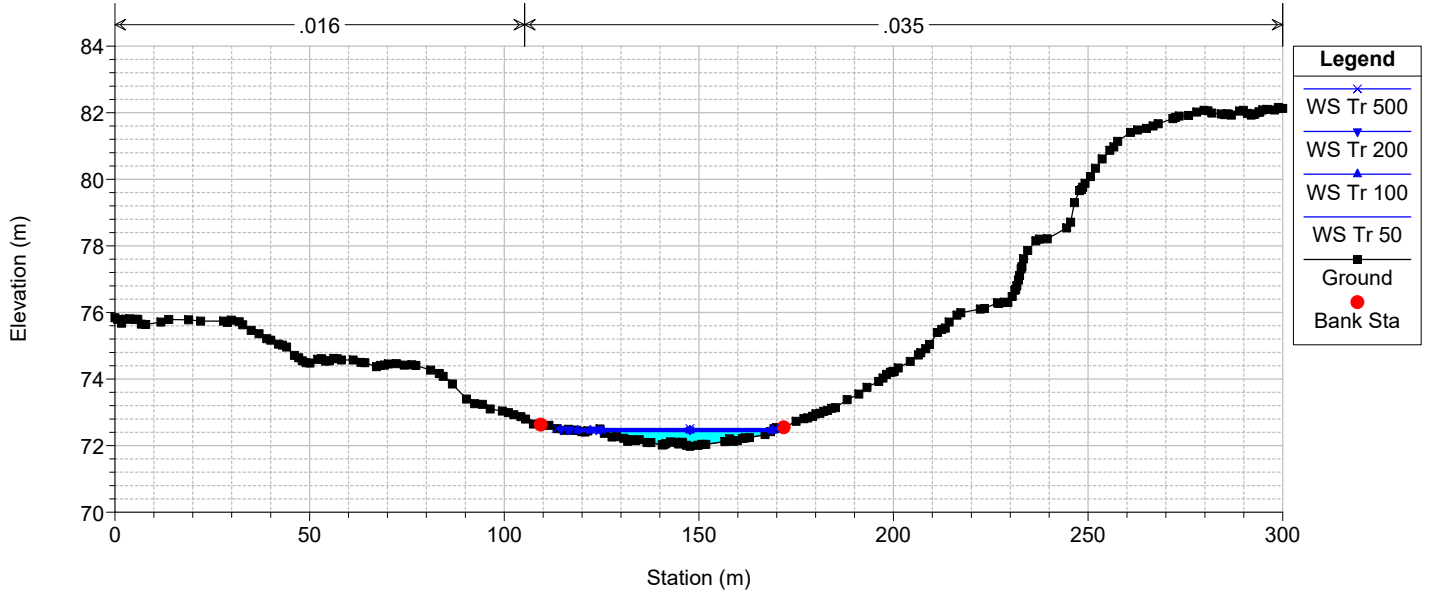
River = Asta Principale Reach = Abitato1 RS = 3332 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

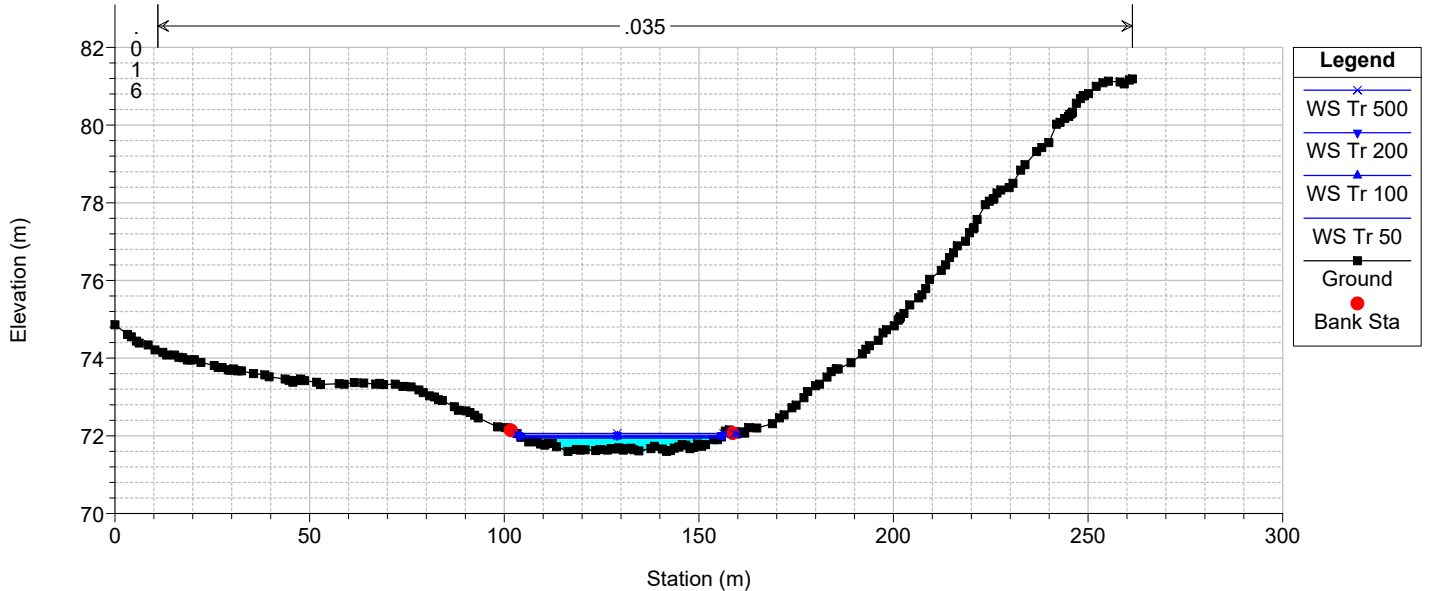
River = Asta Principale Reach = Abitato1 RS = 3282 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

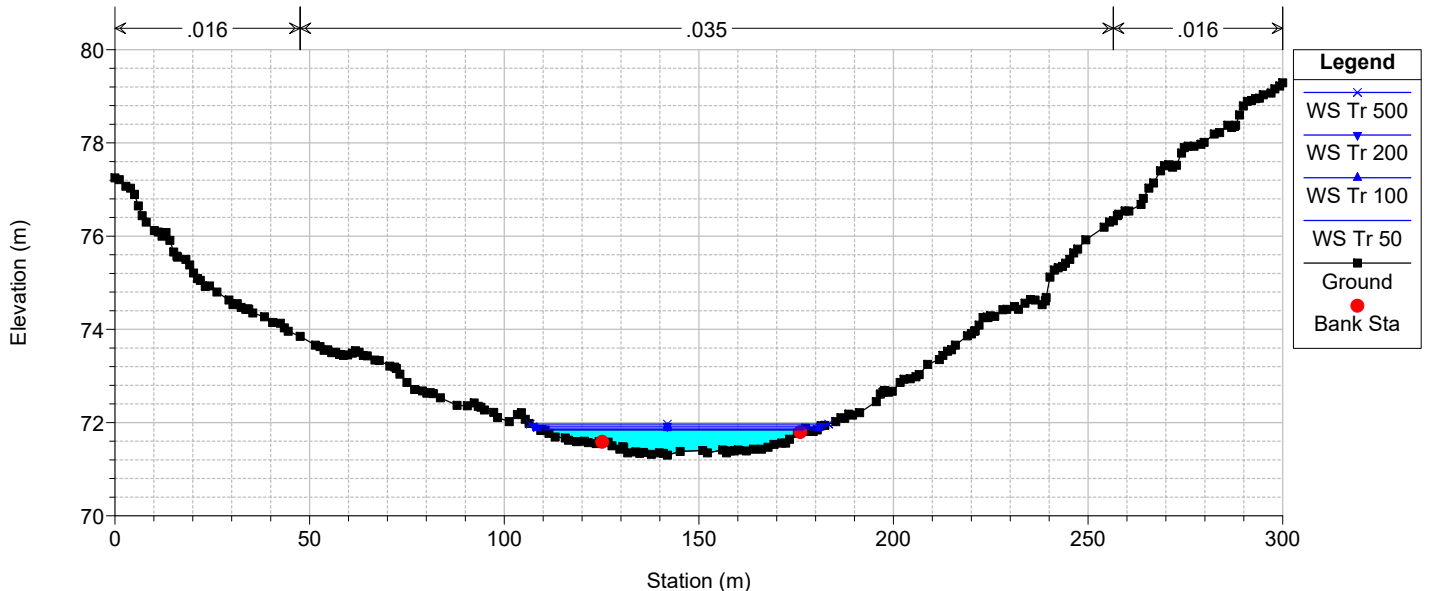
River = Asta Principale Reach = Abitato1 RS = 3229 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

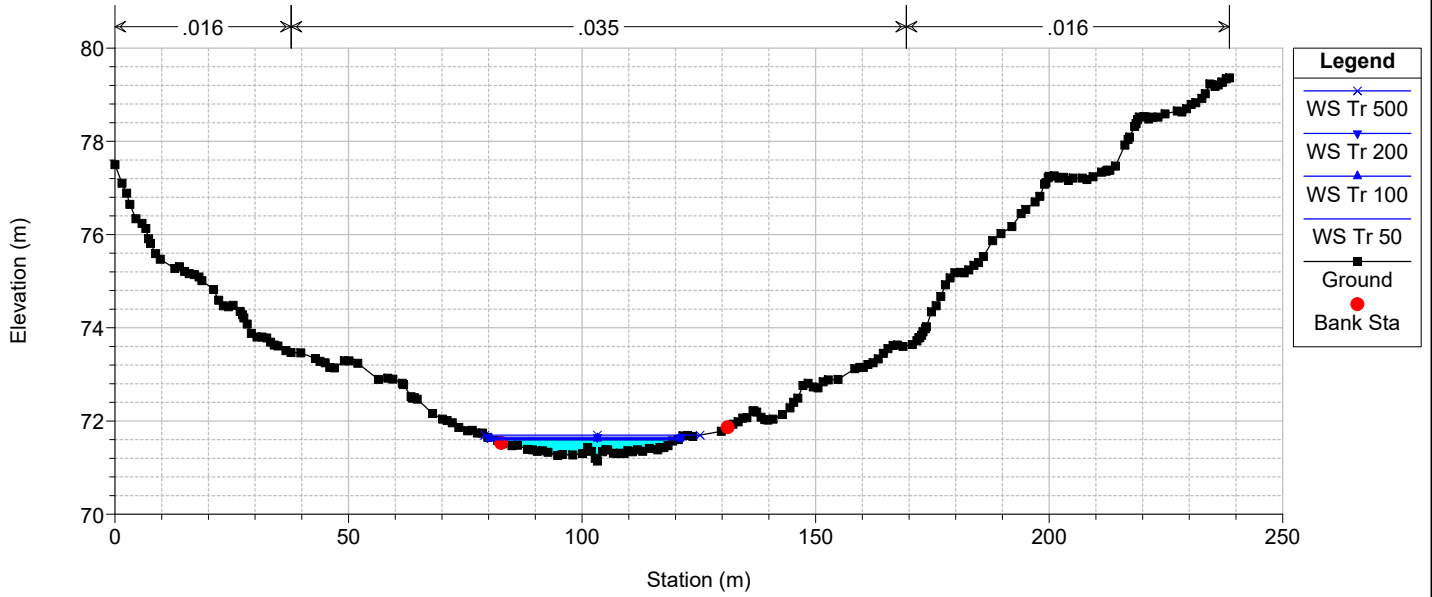
River = Asta Principale Reach = Abitato1 RS = 3182 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

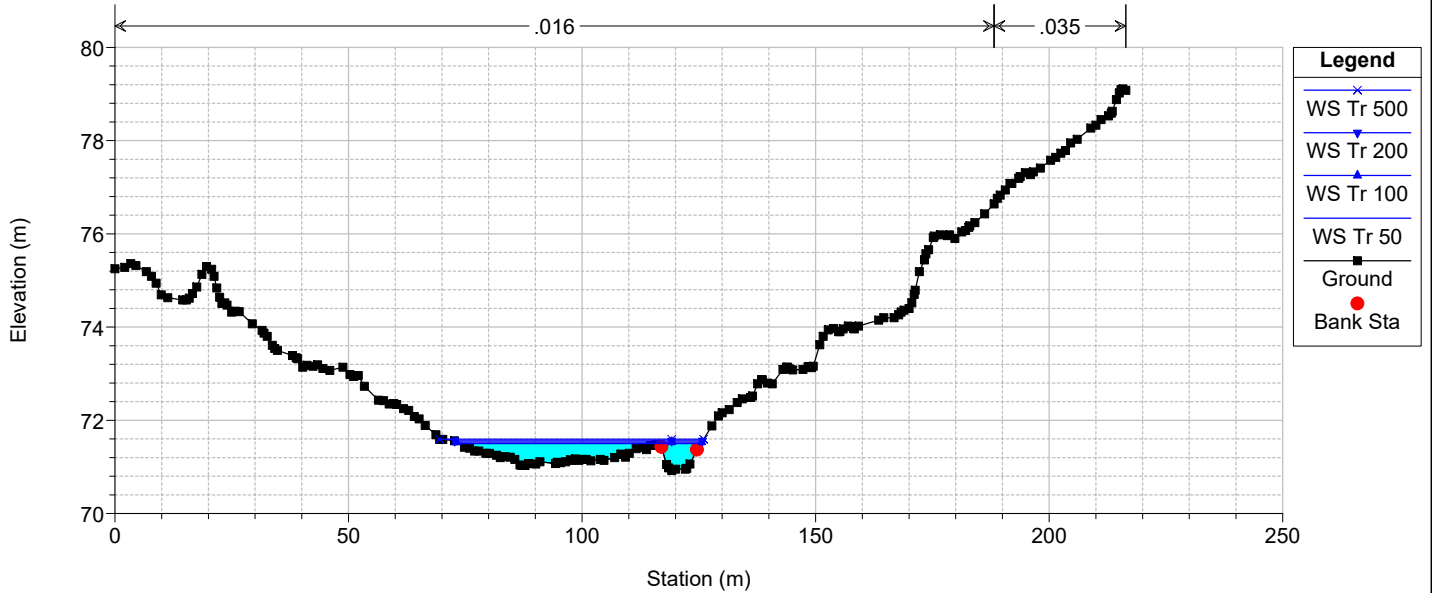
River = Asta Principale Reach = Abitato1 RS = 3141 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

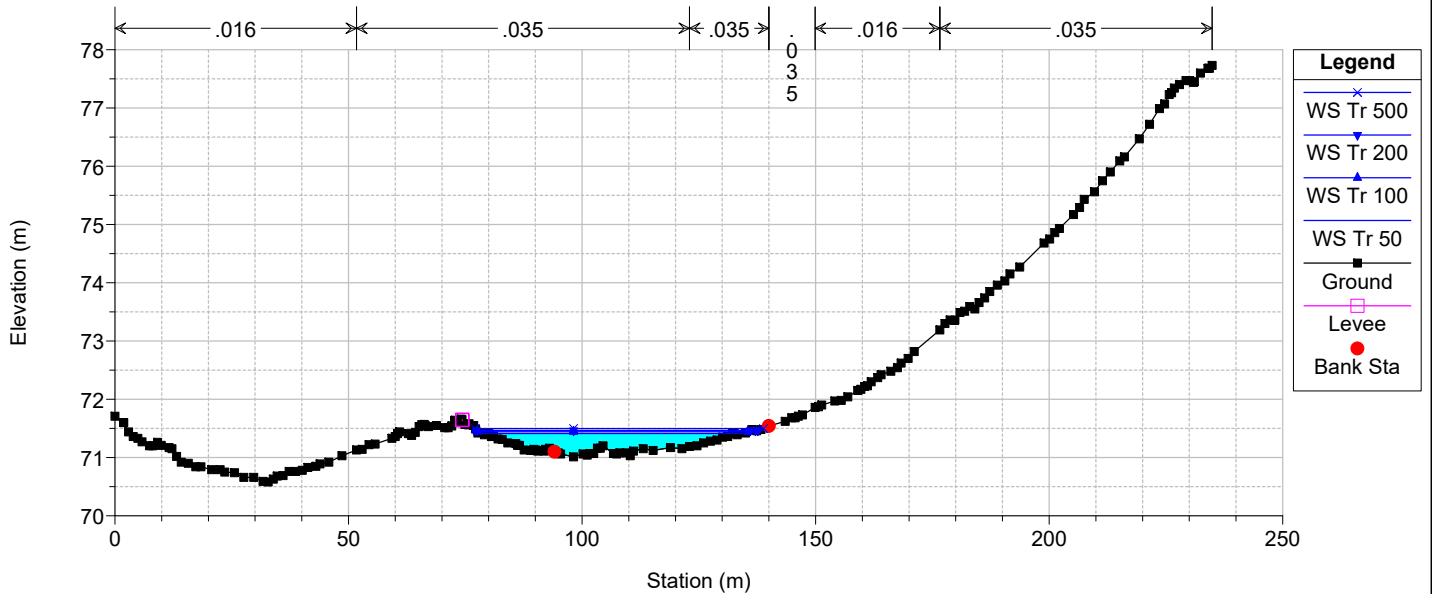
River = Asta Principale Reach = Abitato1 RS = 3102 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

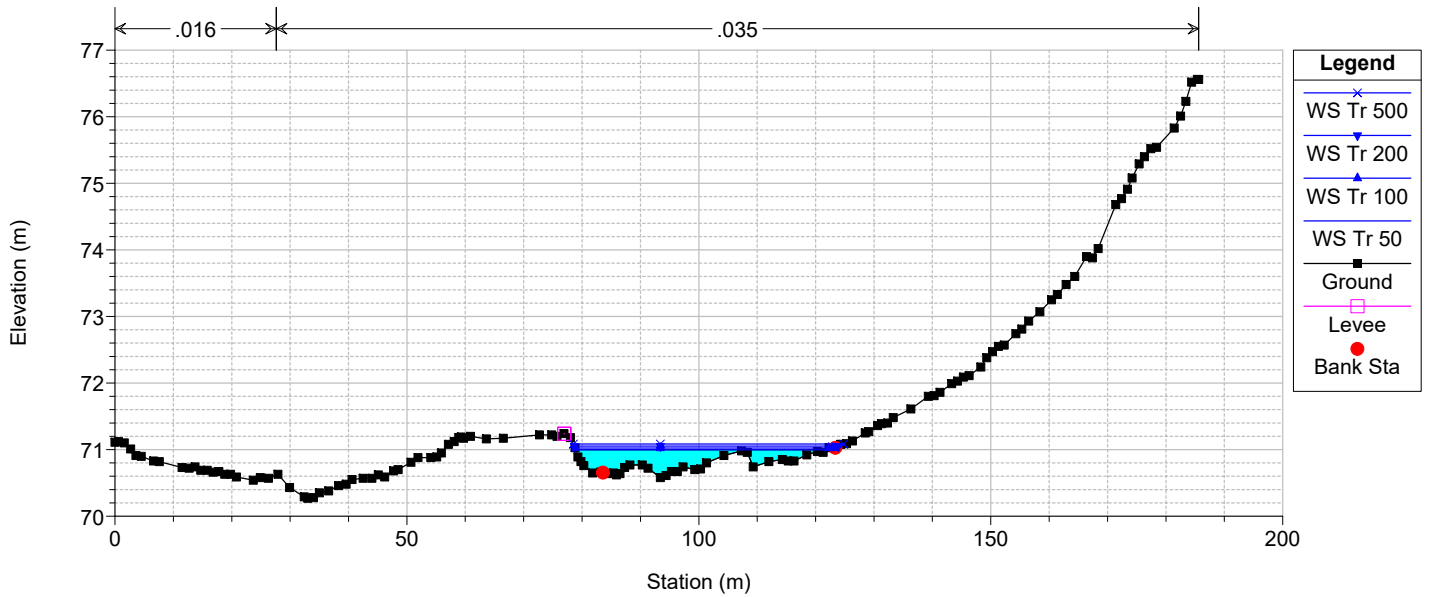
River = Asta Principale Reach = Abitato1 RS = 3066 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

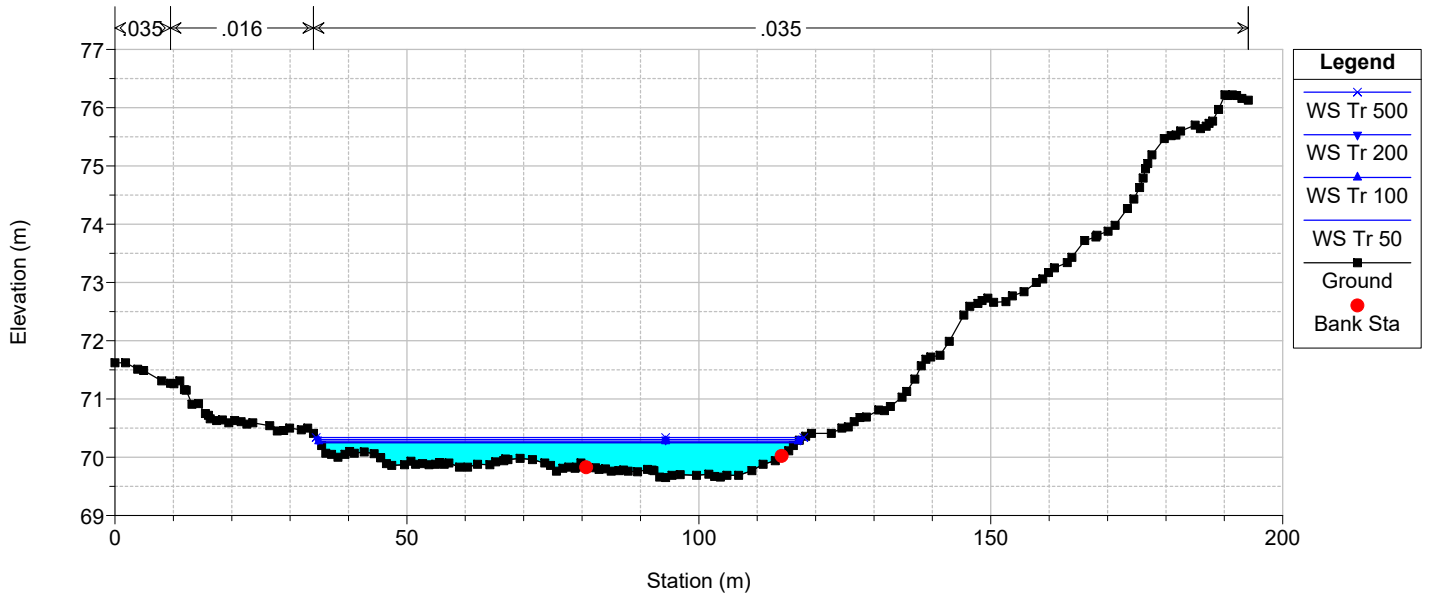
River = Asta Principale Reach = Abitato1 RS = 3036 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

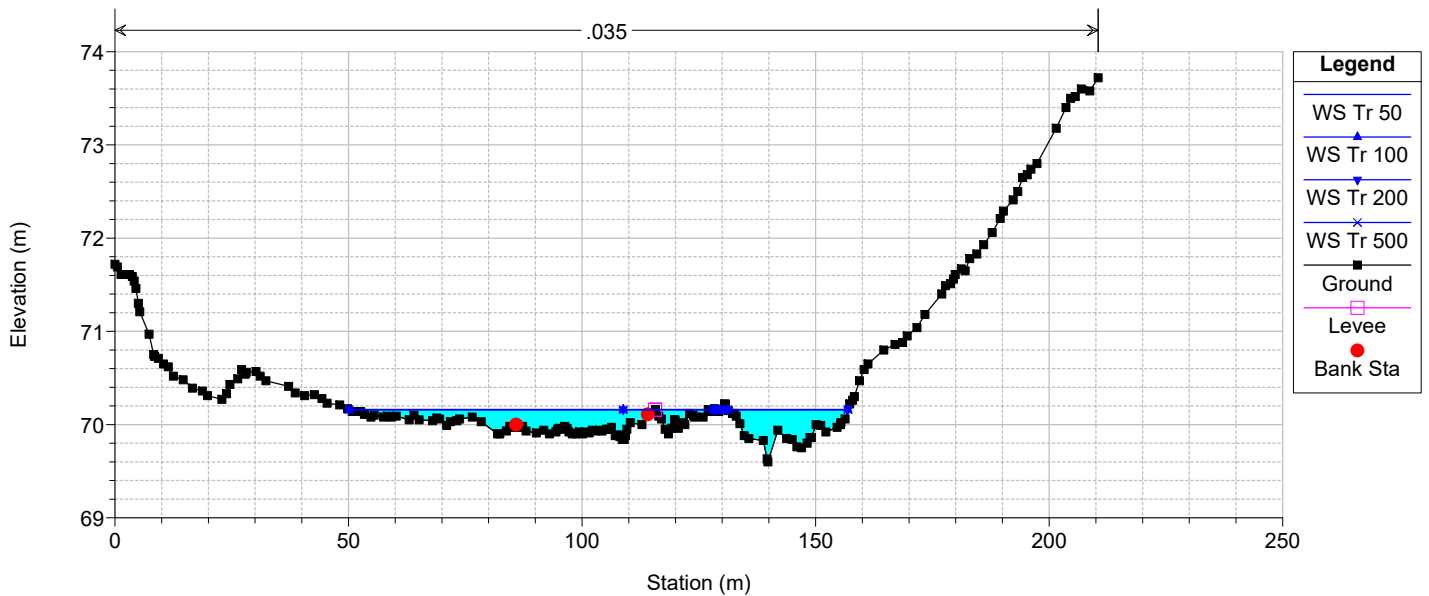
River = Asta Principale Reach = Abitato1 RS = 2982 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

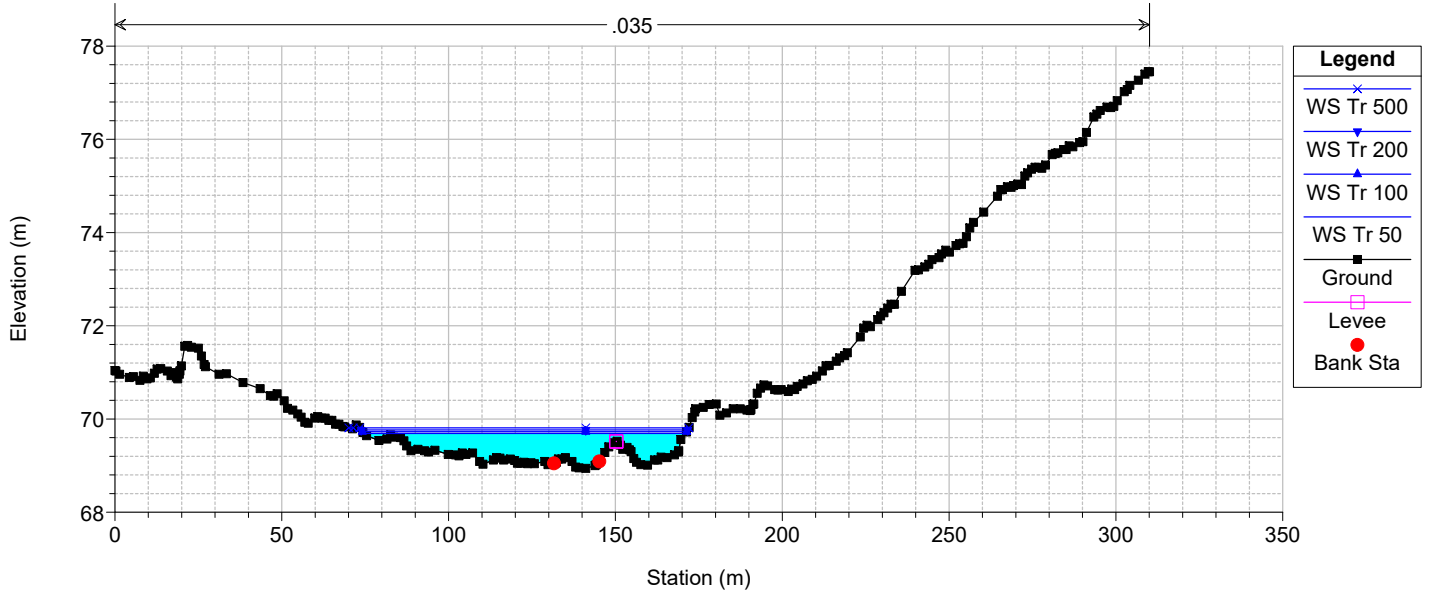
River = Asta Principale Reach = Abitato1 RS = 2936 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

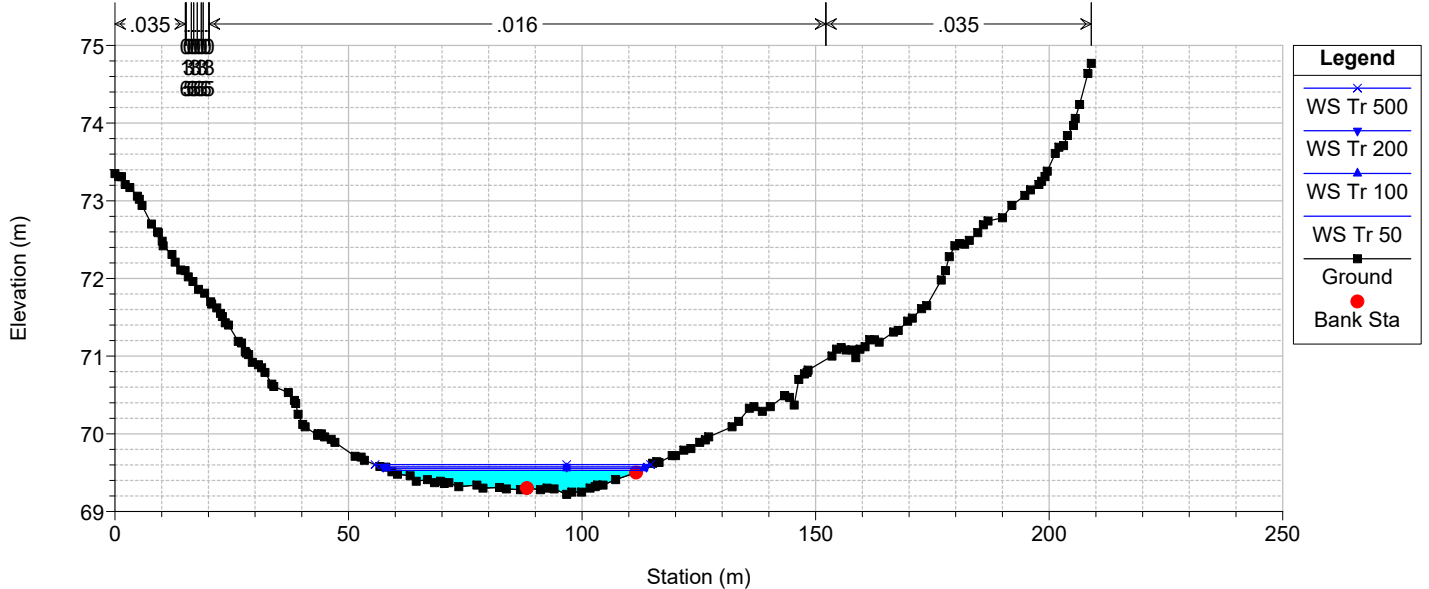
River = Asta Principale Reach = Abitato1 RS = 2919 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

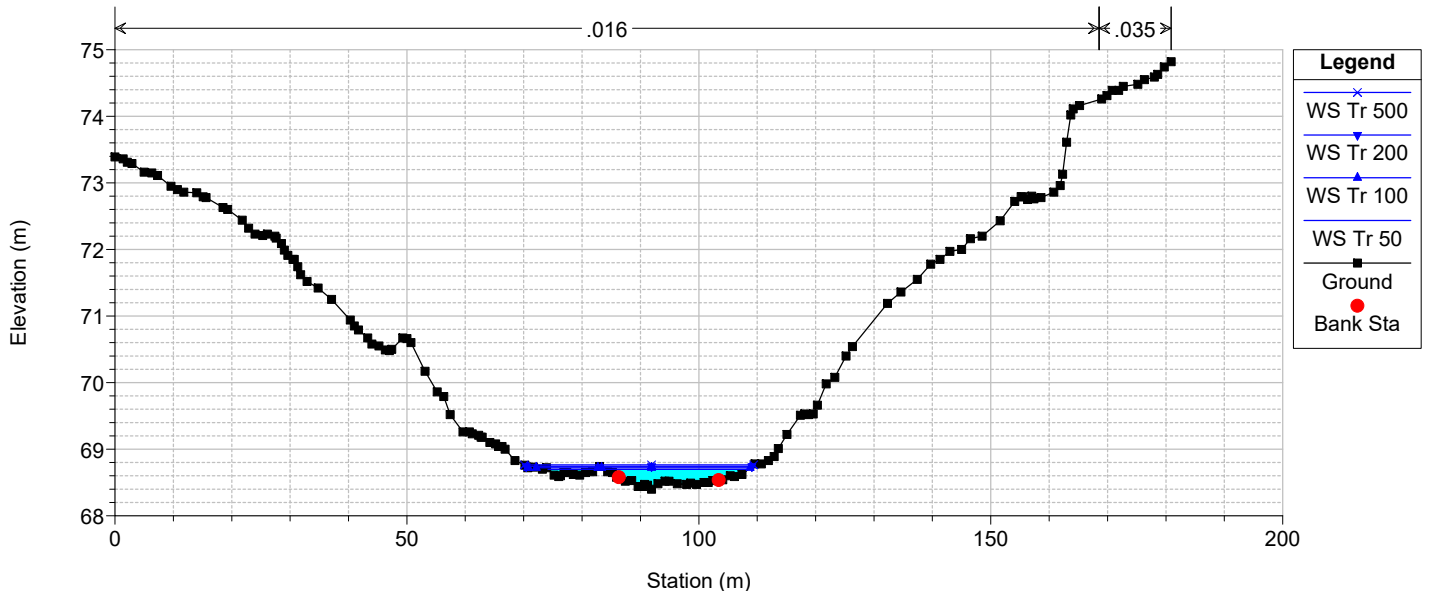
River = Asta Principale Reach = Abitato1 RS = 2835 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

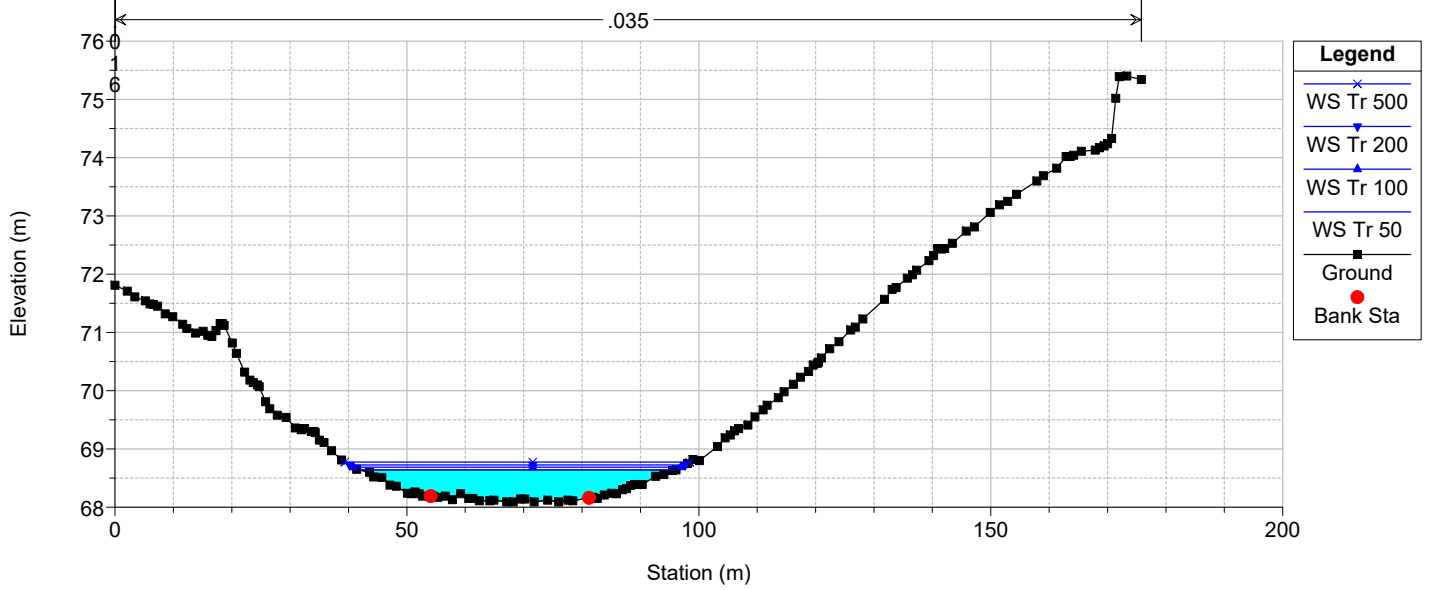
River = Asta Principale Reach = Abitato1 RS = 2782 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

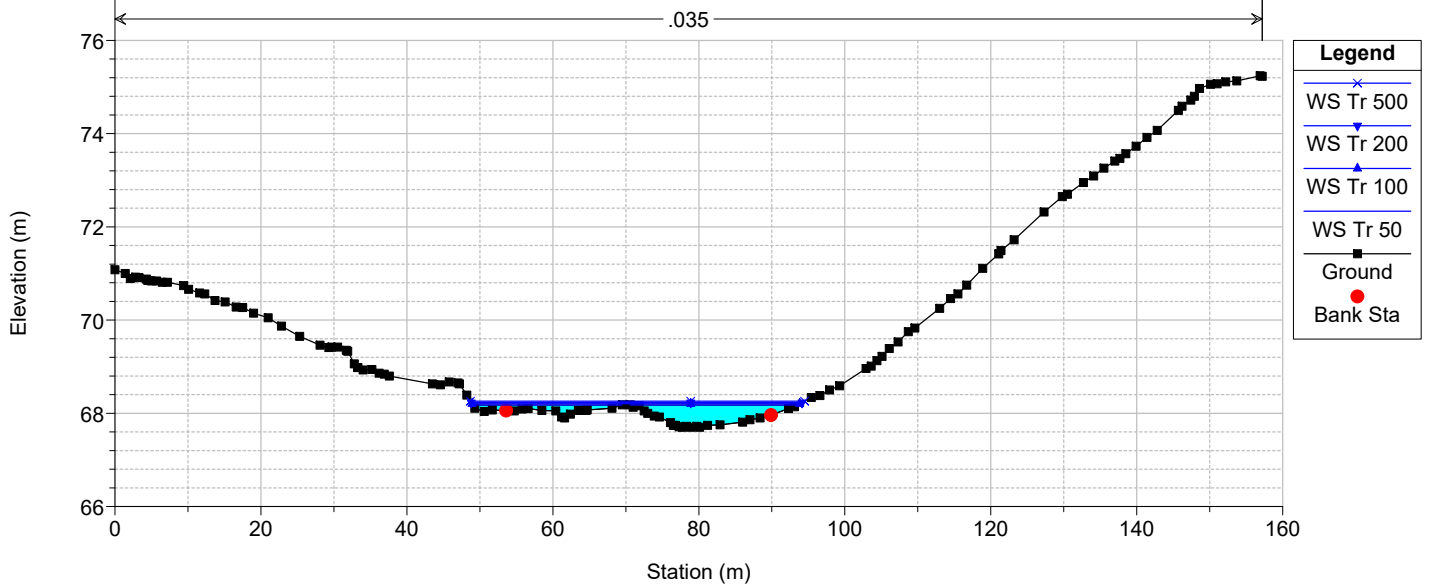
River = Asta Principale Reach = Abitato1 RS = 2702 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

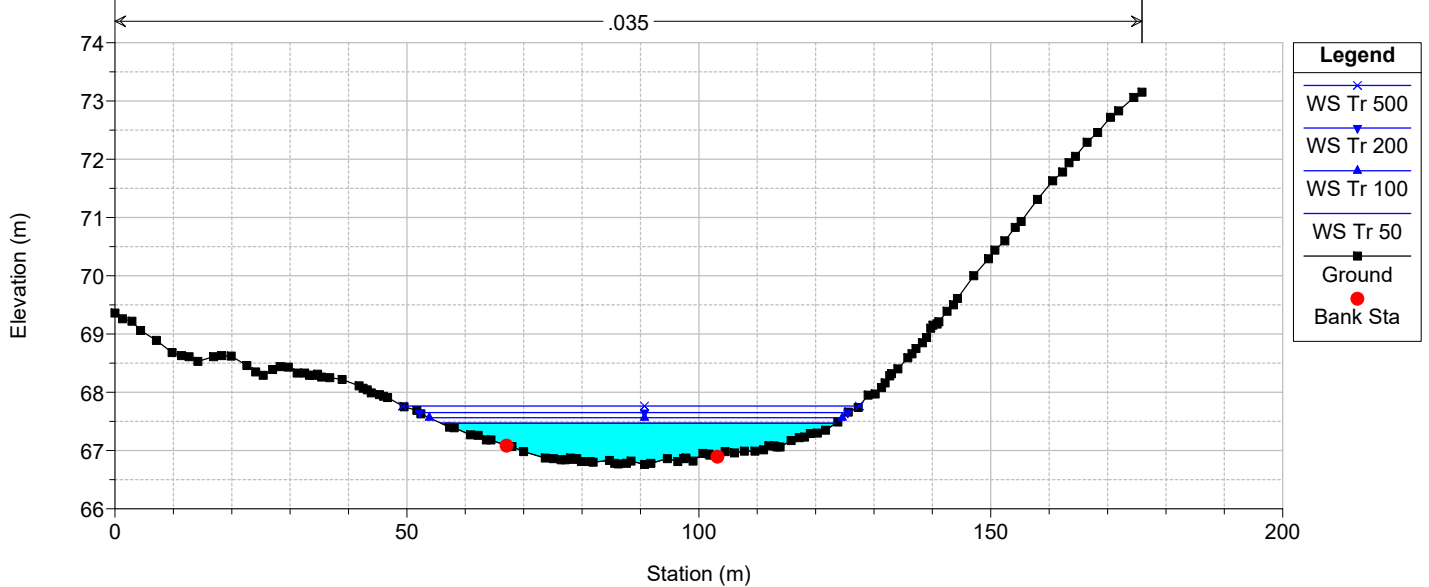
River = Asta Principale Reach = Abitato1 RS = 2601 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

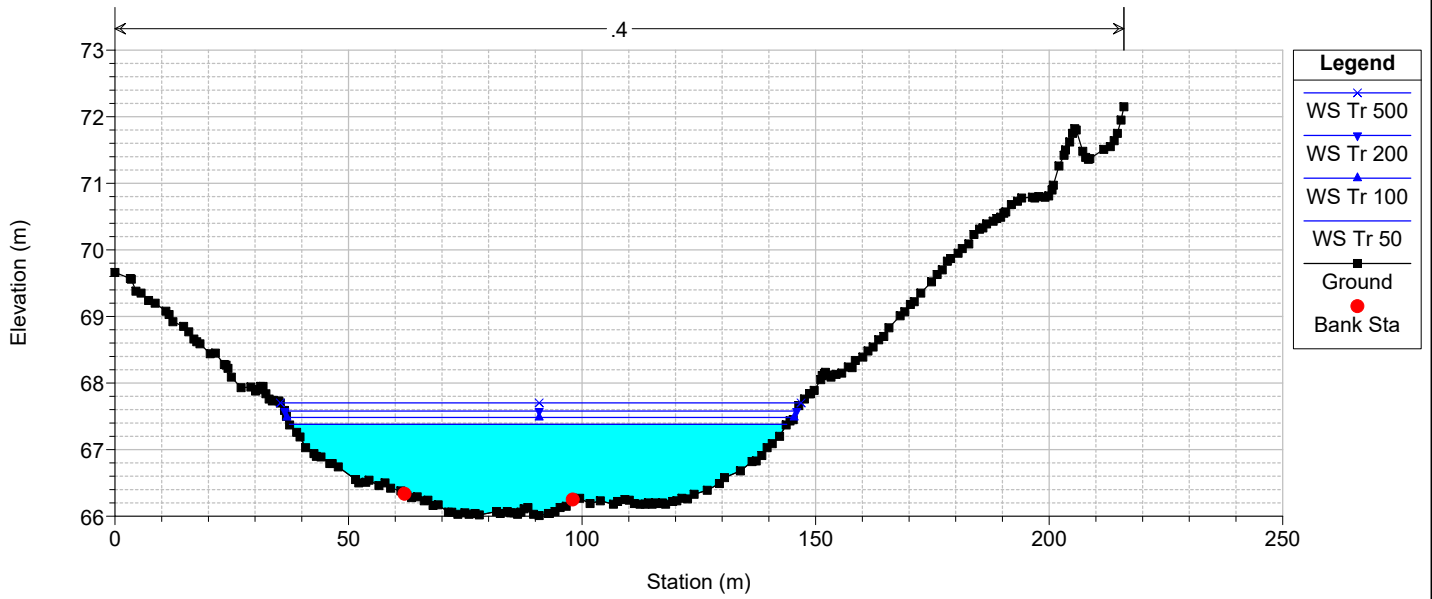
River = Asta Principale Reach = Abitato1 RS = 2501 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

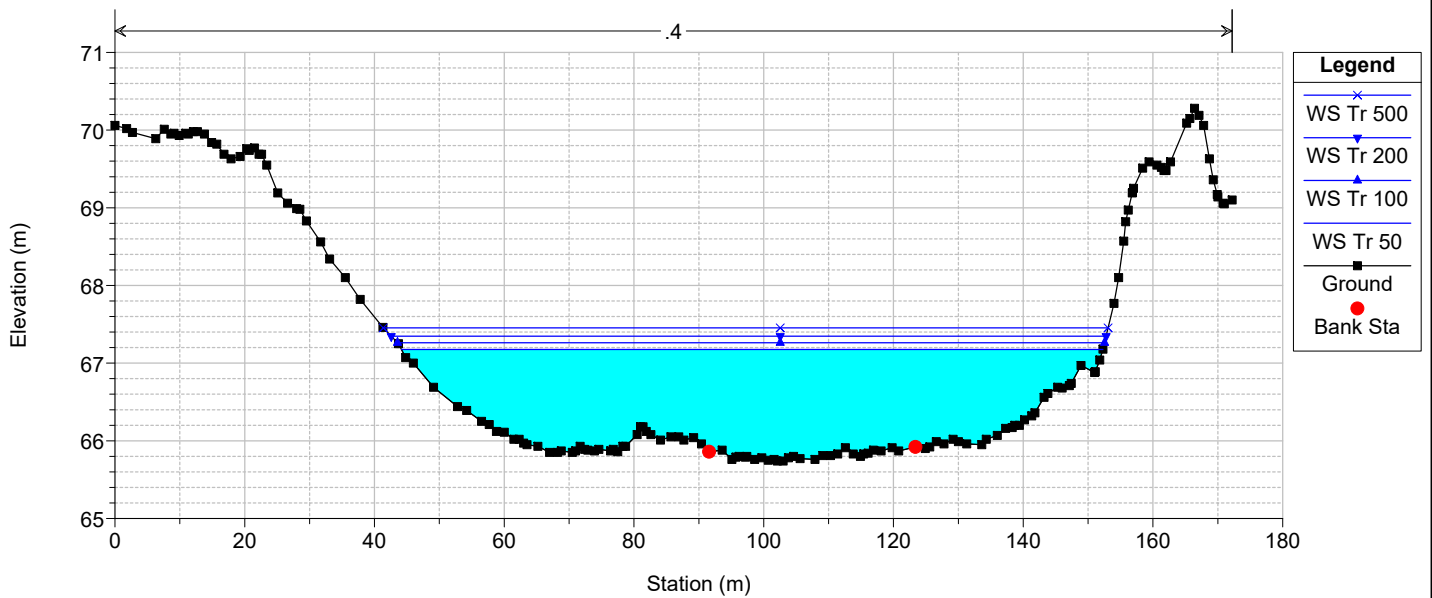
River = Asta Principale Reach = Abitato1 RS = 2401 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

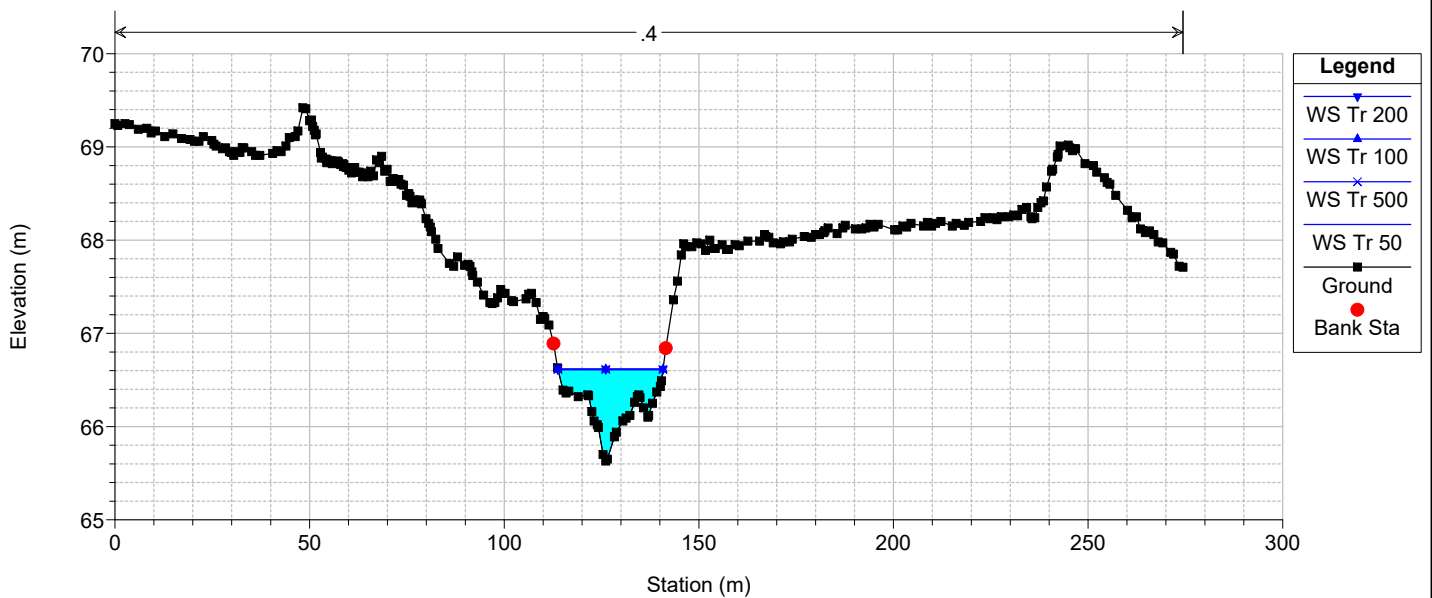
River = Asta Principale Reach = Abitato1 RS = 2301 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

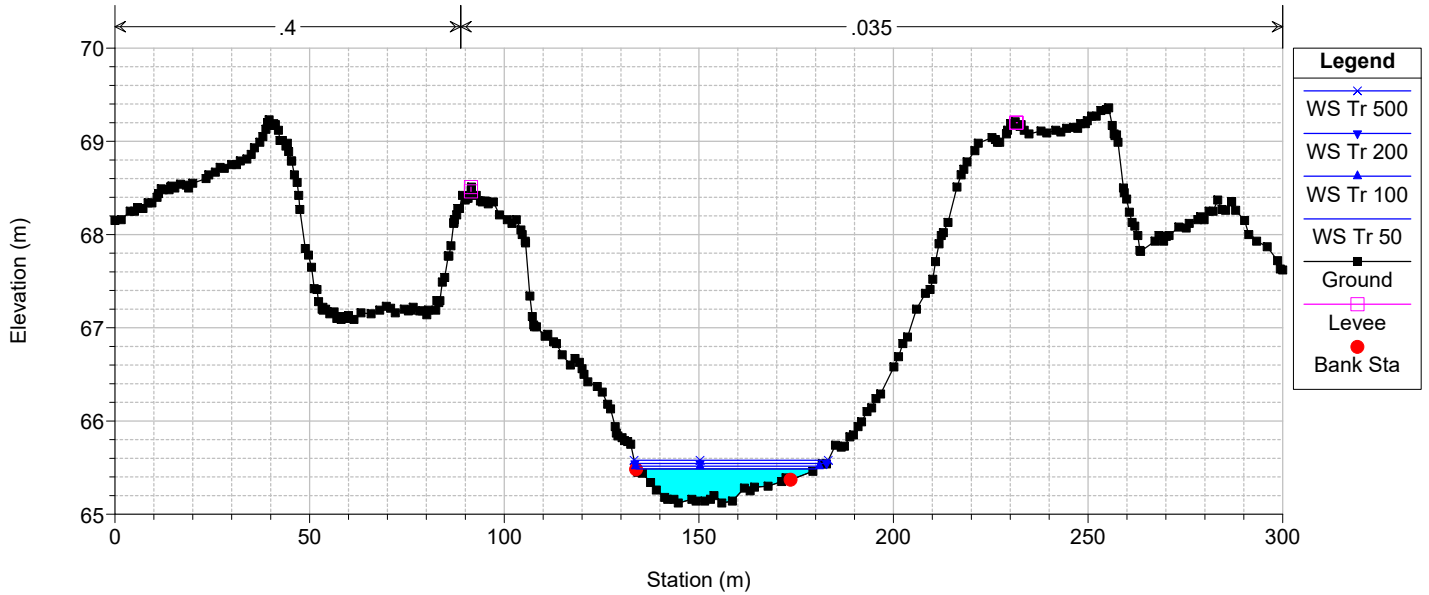
River = Asta Principale Reach = Abitato1 RS = 2225 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

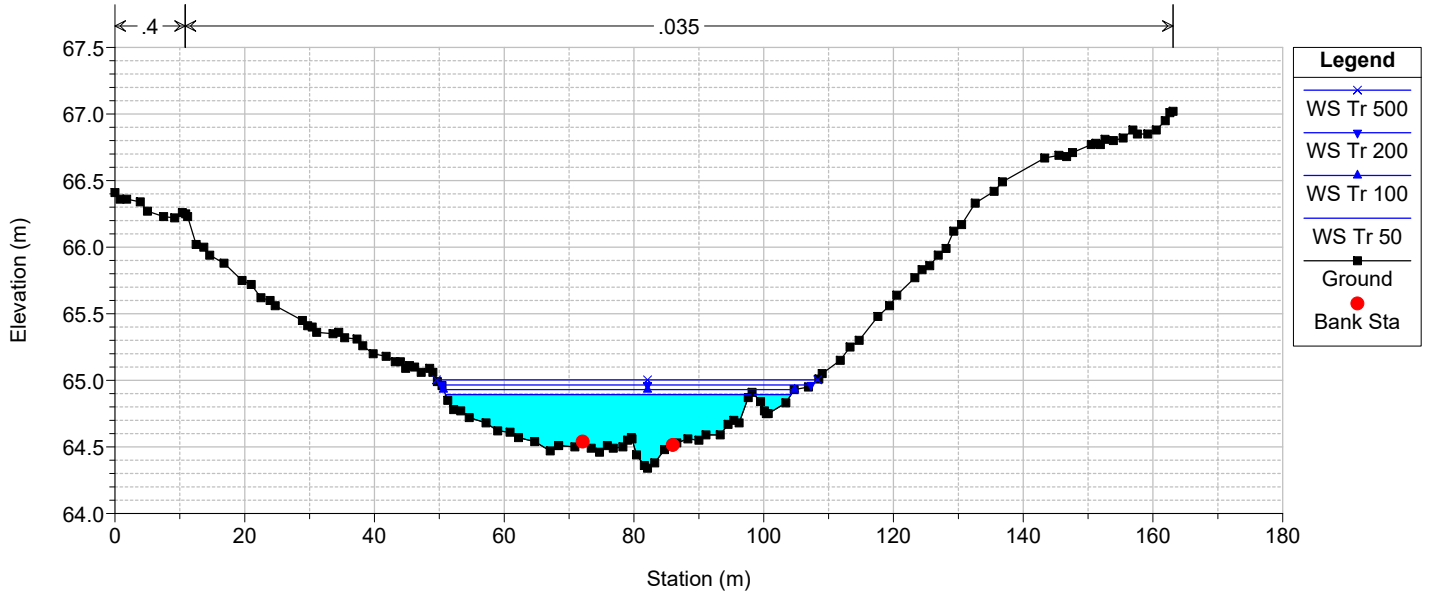
River = Asta Principale Reach = Abitato1 RS = 2198 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

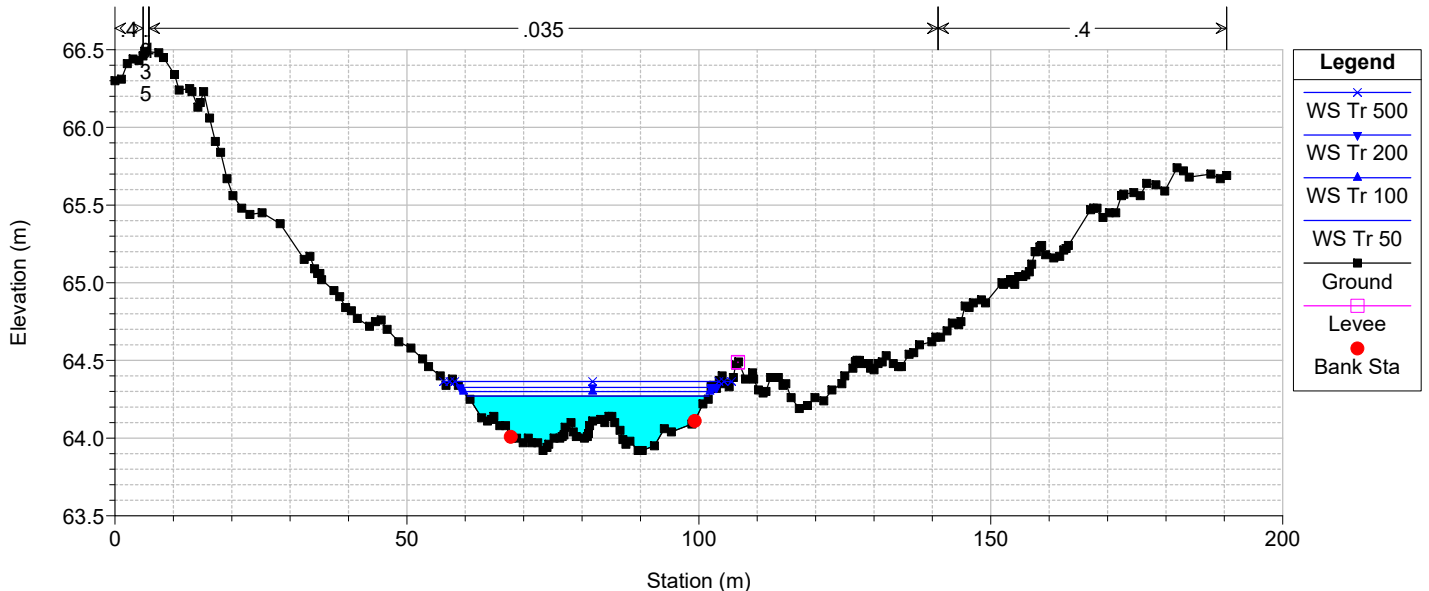
River = Asta Principale Reach = Abitato1 RS = 2103 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

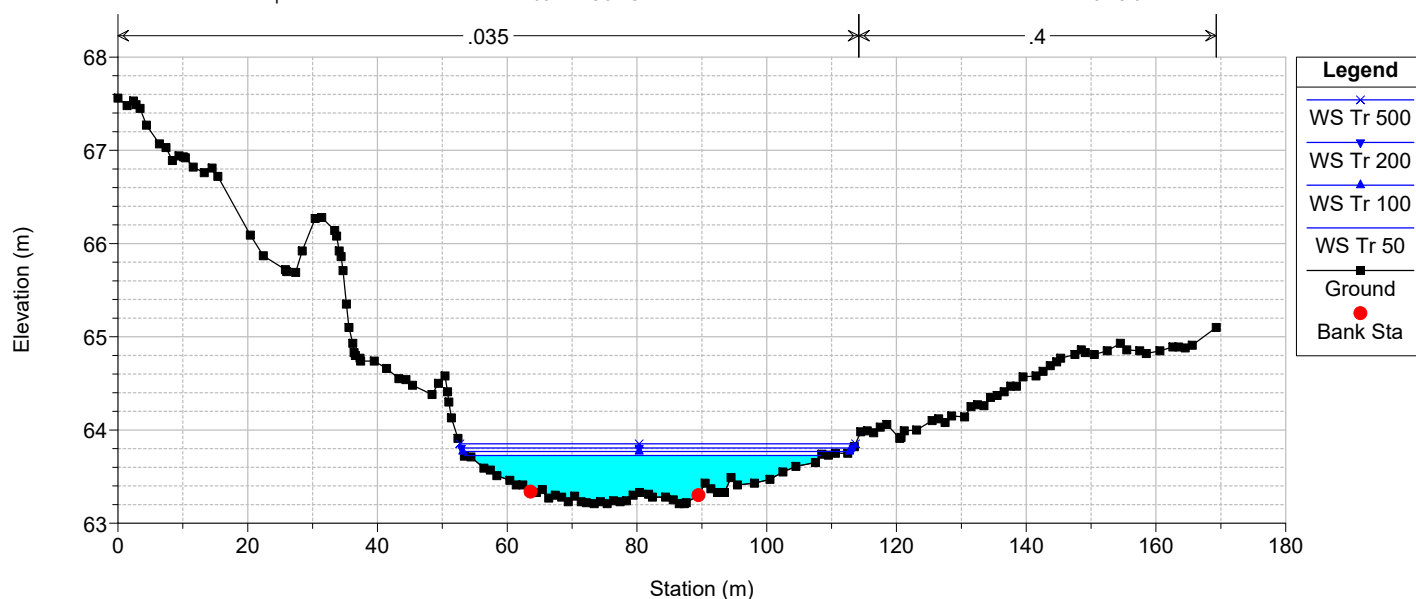
River = Asta Principale Reach = Abitato1 RS = 2029 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

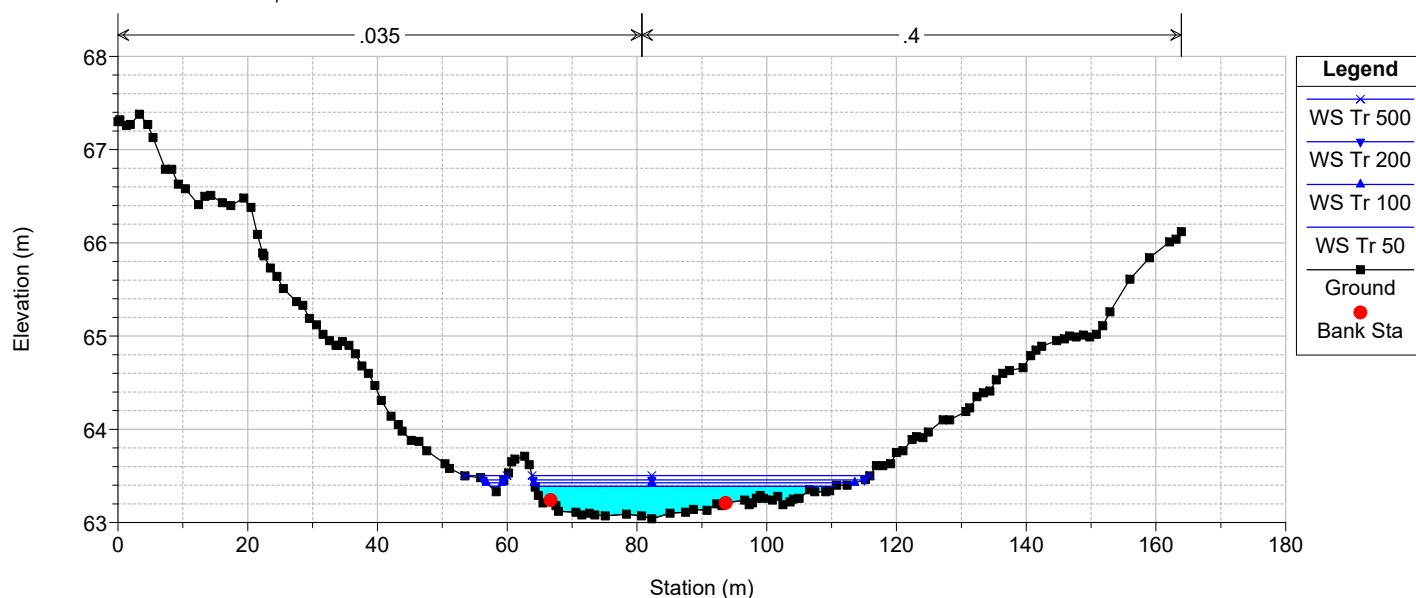
River = Asta Principale Reach = Abitato1 RS = 1994 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

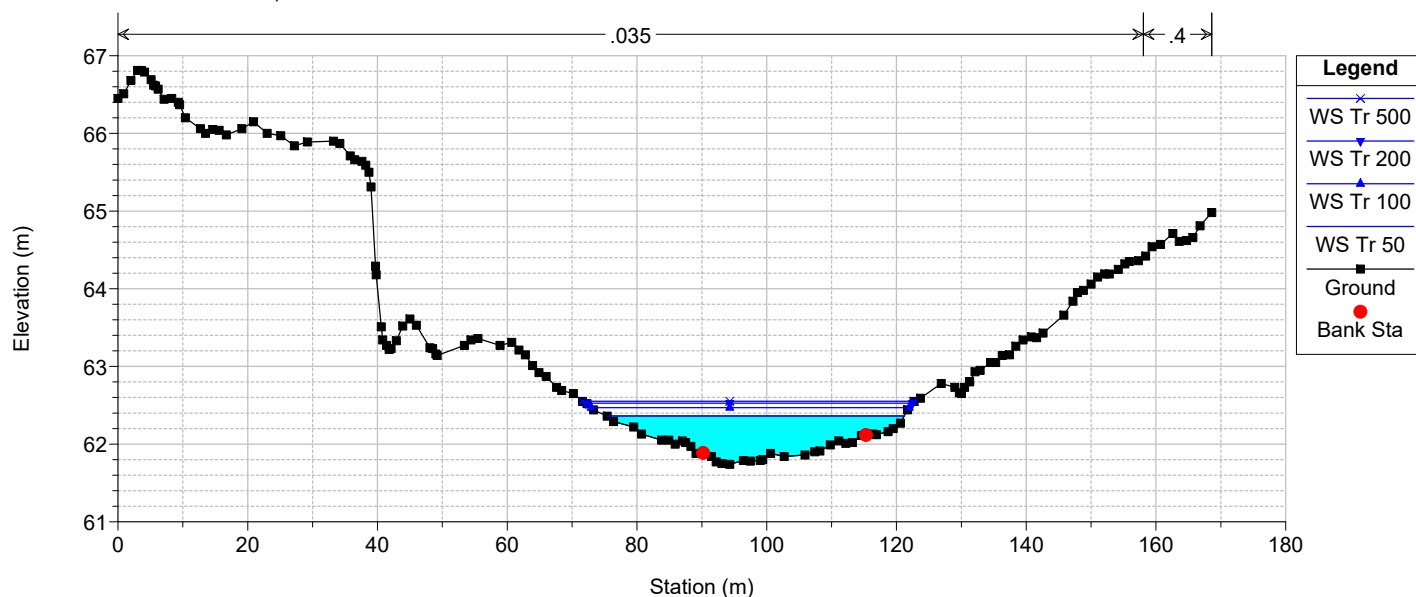
River = Asta Principale Reach = Abitato1 RS = 1958 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

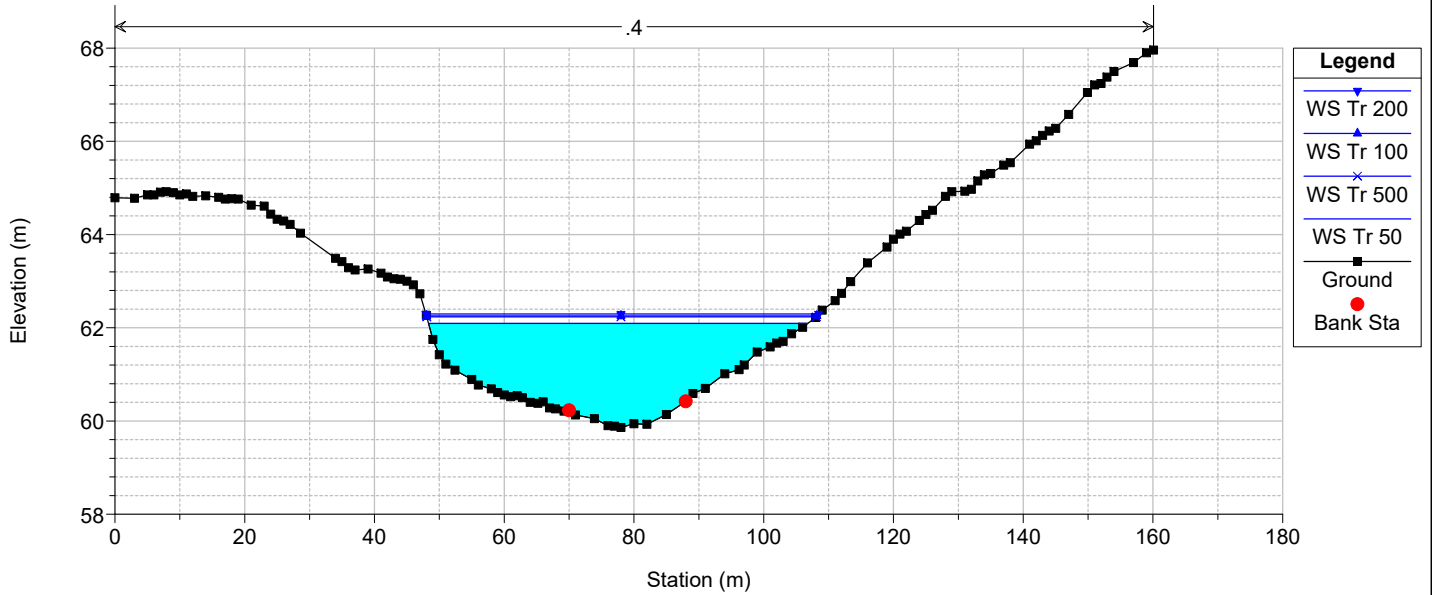
River = Asta Principale Reach = Abitato1 RS = 1900 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

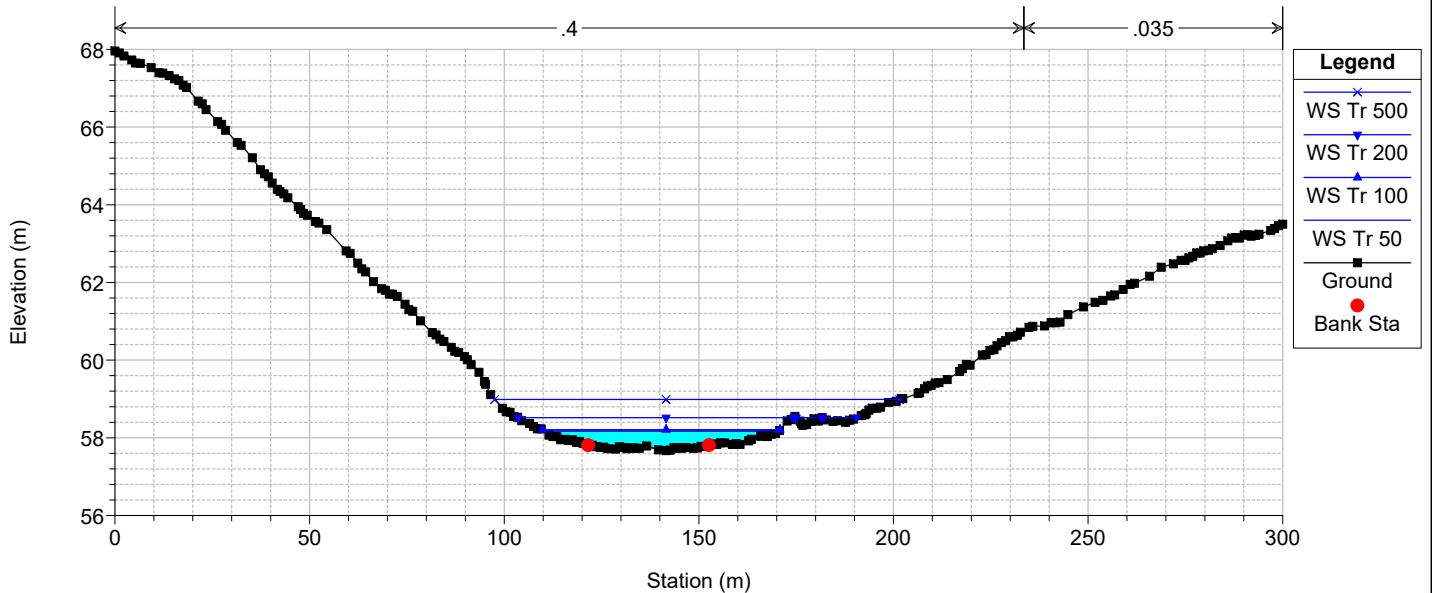
River = Asta Principale Reach = Abitato1 RS = 1777 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

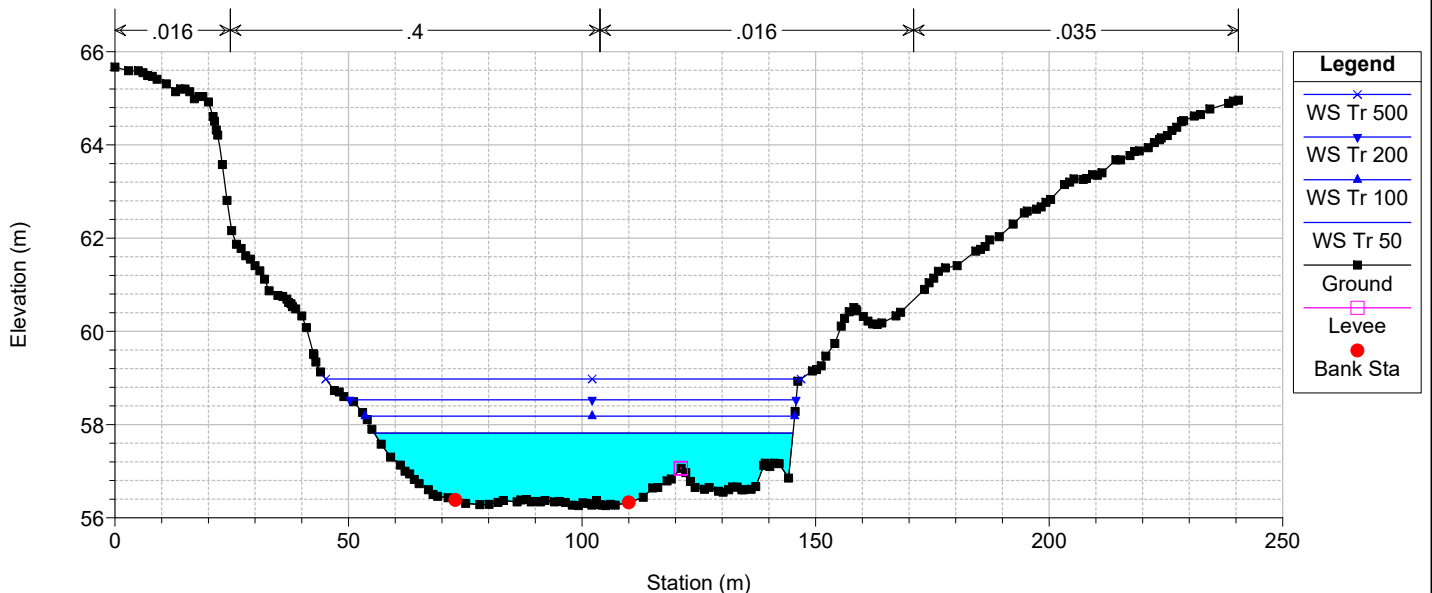
River = Asta Principale Reach = Confluenza RS = 1600 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

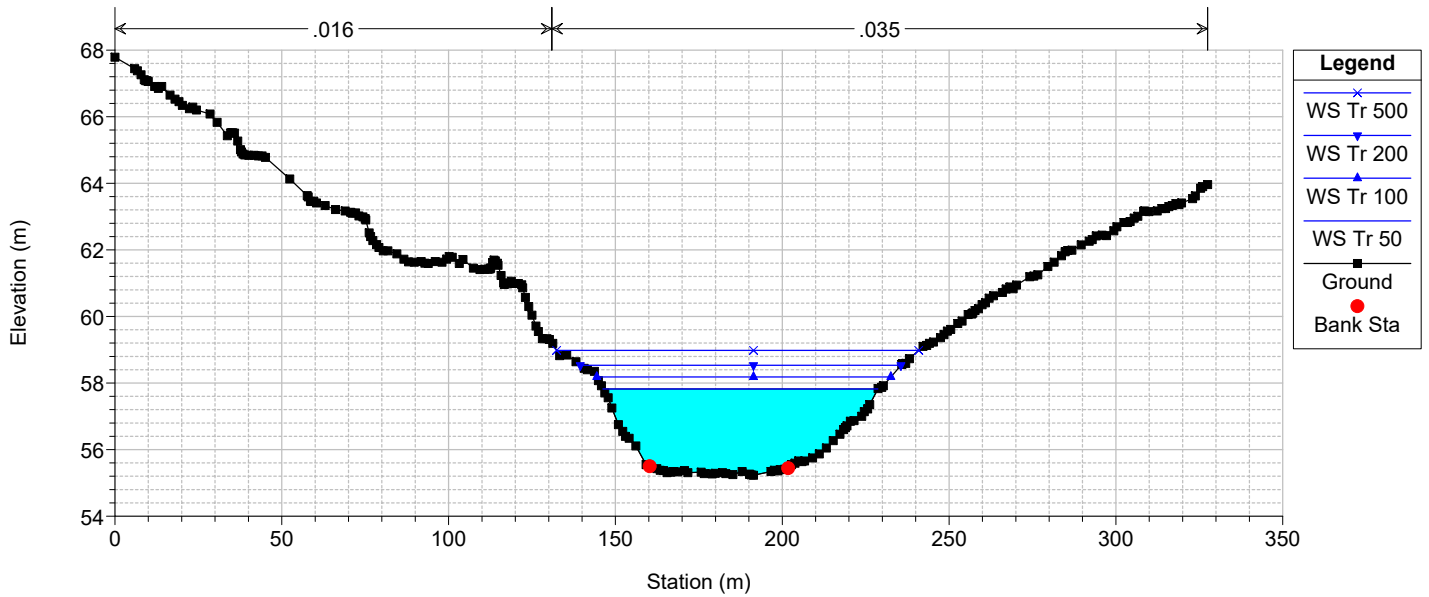
River = Asta Principale Reach = Confluenza RS = 1449 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

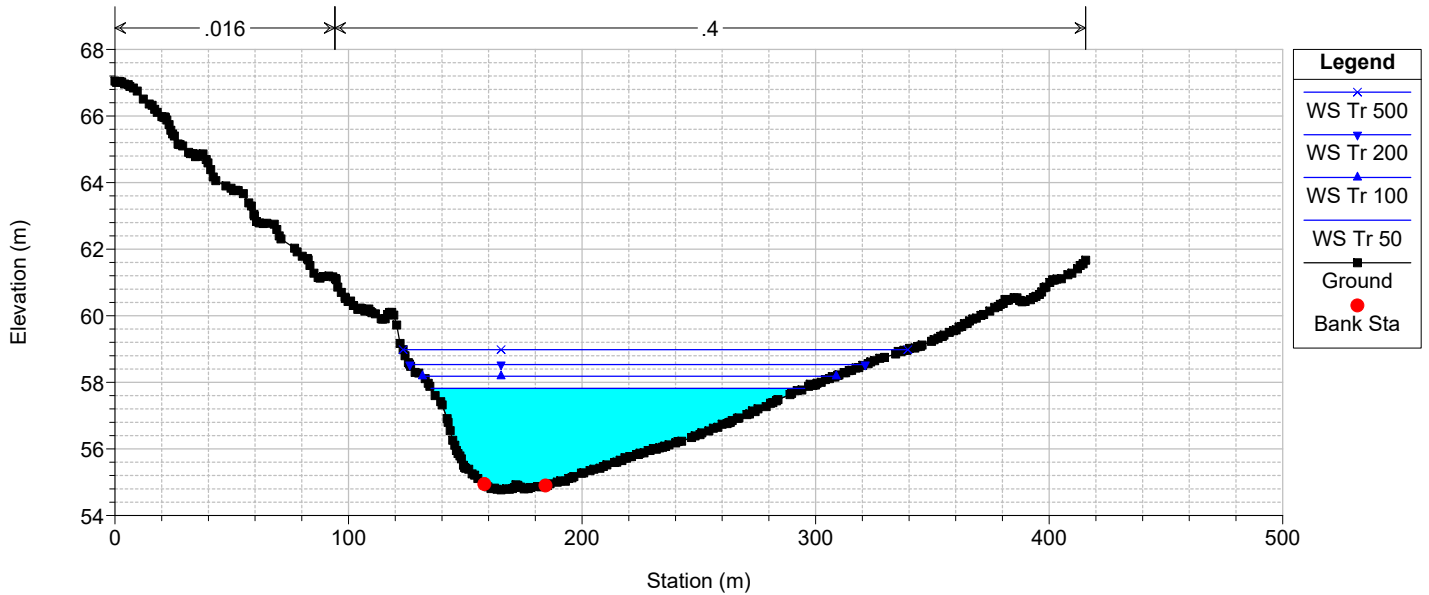
River = Asta Principale Reach = Confluenza RS = 1314 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

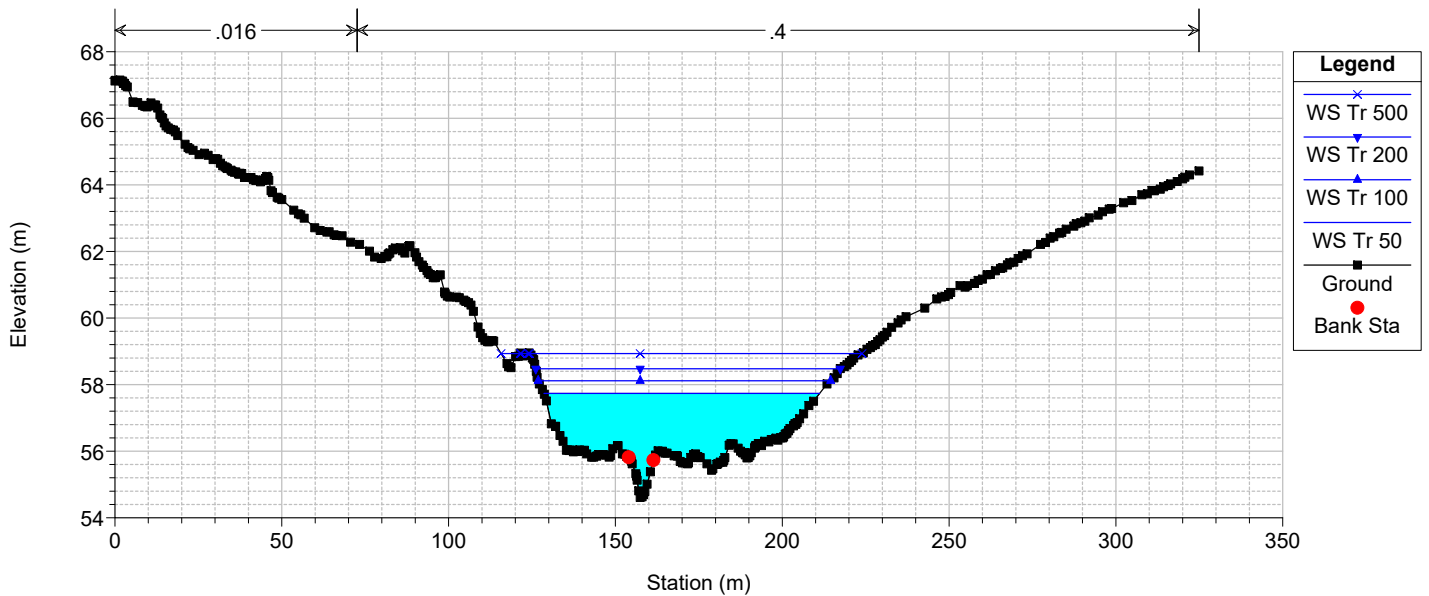
River = Asta Principale Reach = Confluenza RS = 1253 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

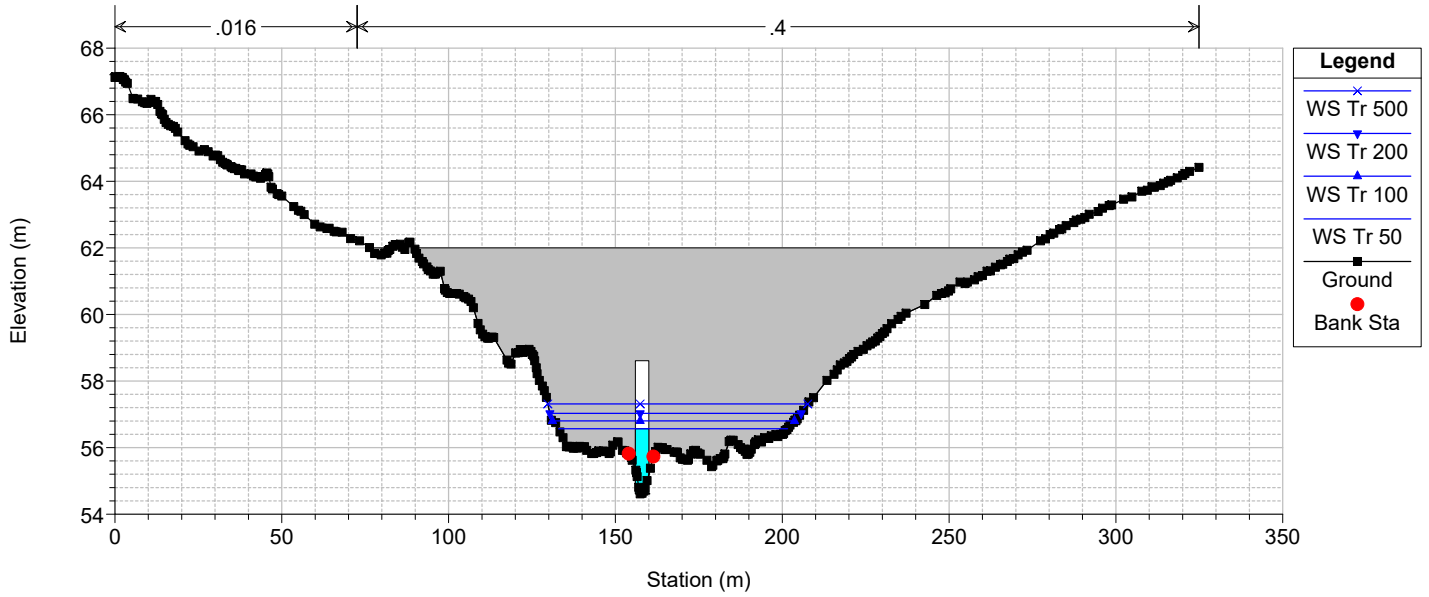
River = Asta Principale Reach = Confluenza RS = 1211 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

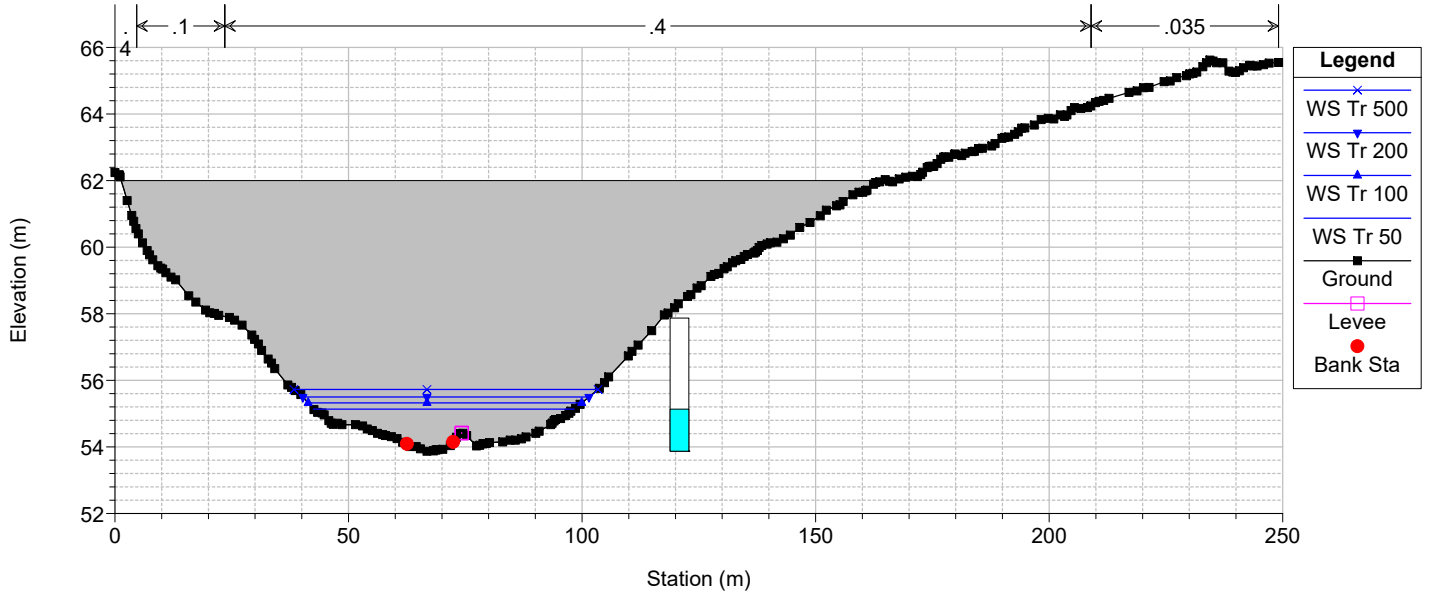
River = Asta Principale Reach = Confluenza RS = 1190 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

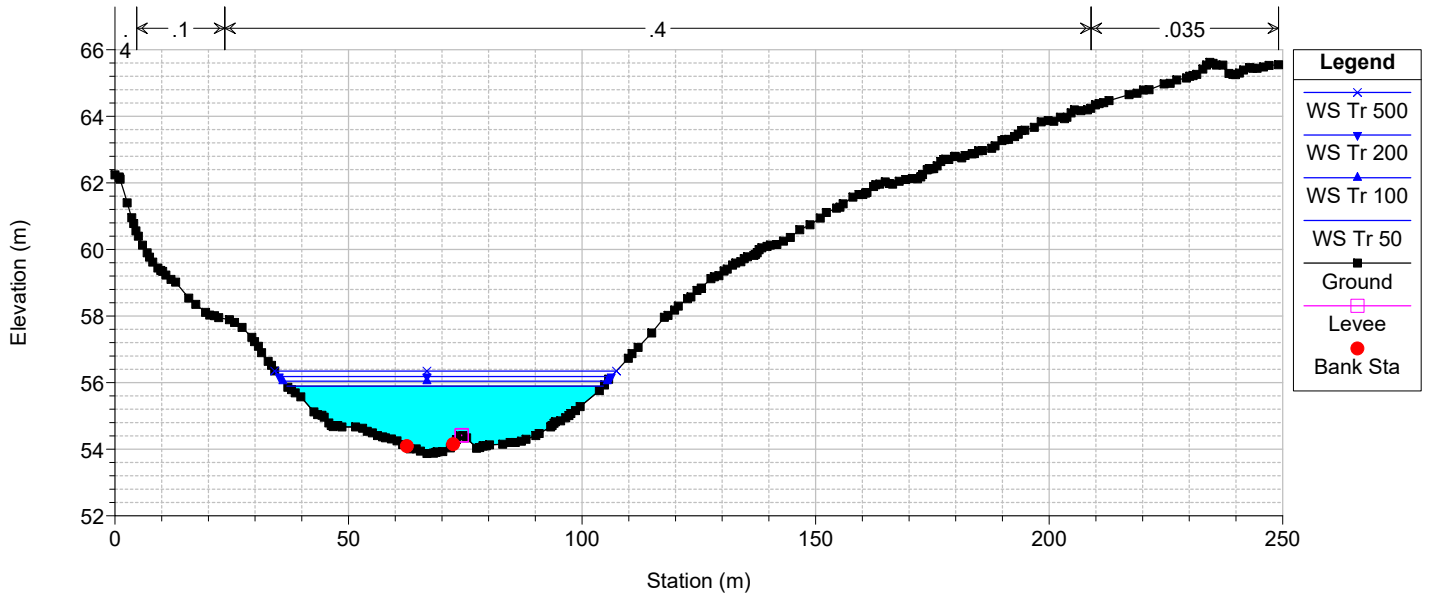
River = Asta Principale Reach = Confluenza RS = 1190 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

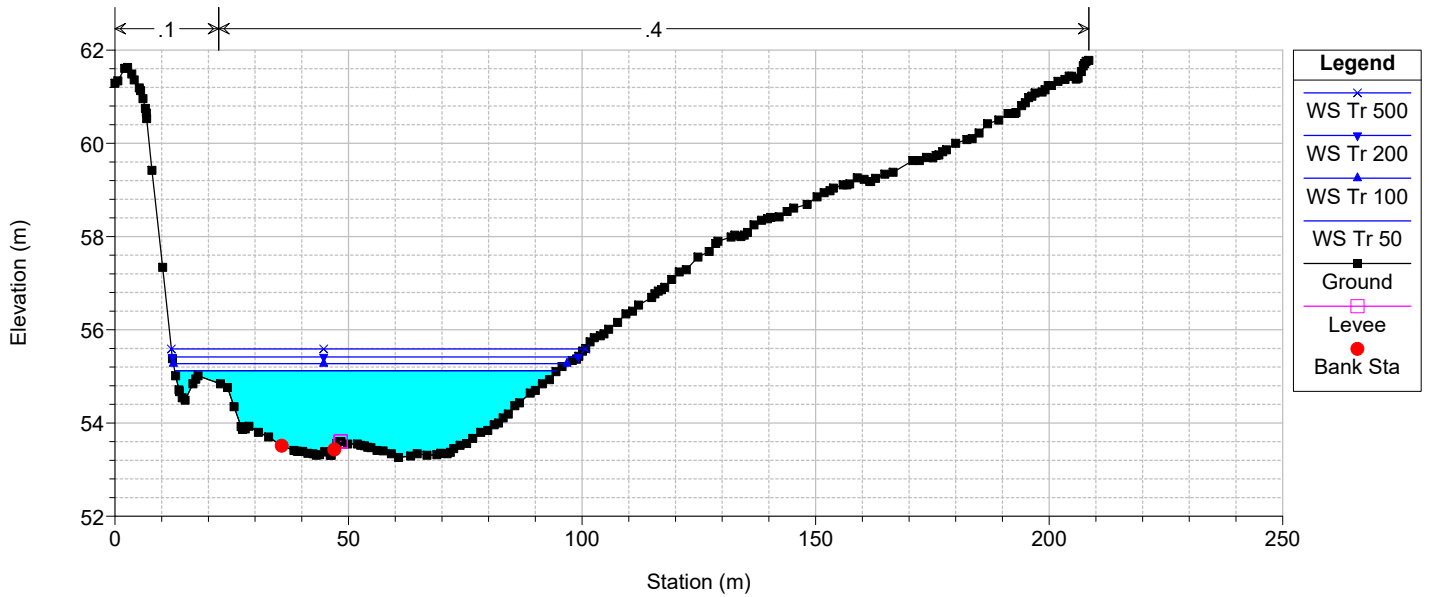
River = Asta Principale Reach = Confluenza RS = 1158 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

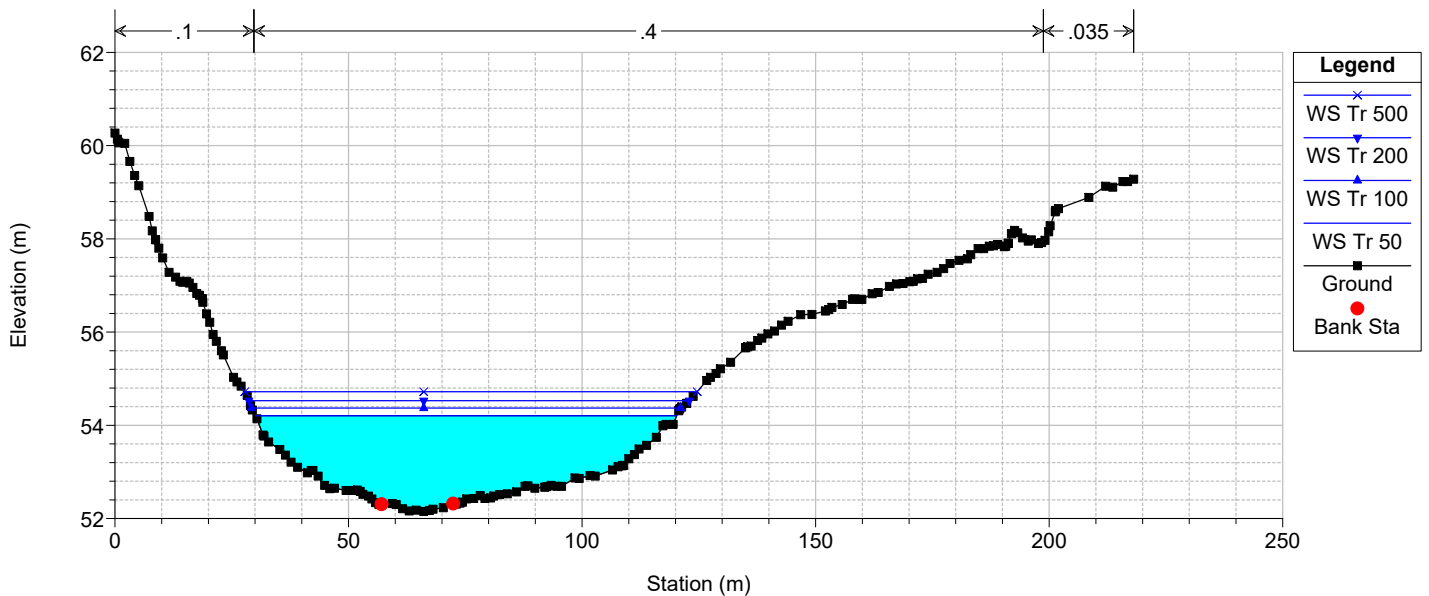
River = Asta Principale Reach = Confluenza RS = 1100 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

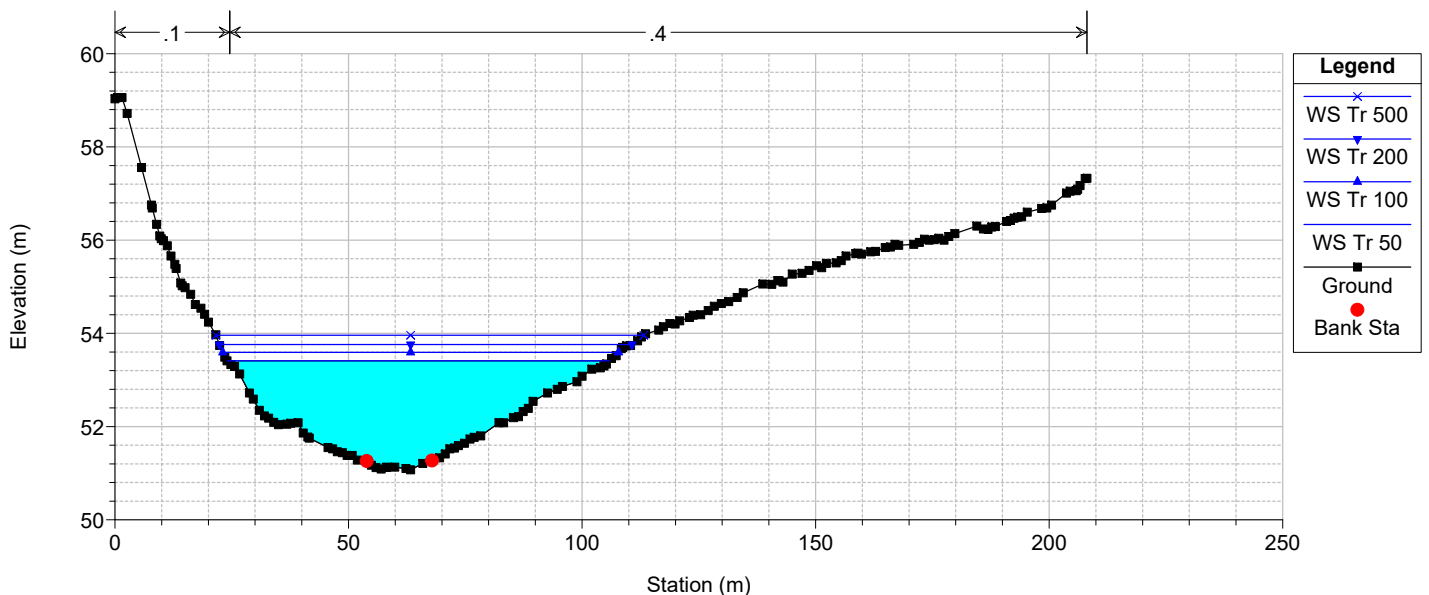
River = Asta Principale Reach = Confluenza RS = 1000 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

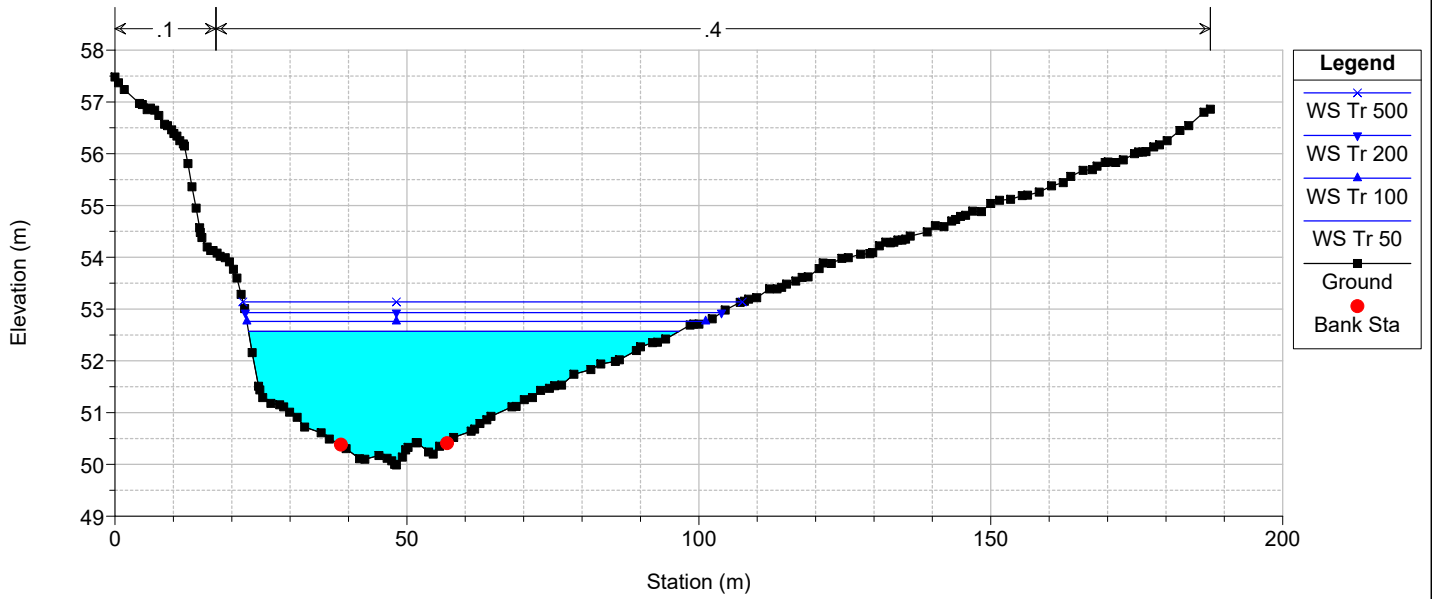
River = Asta Principale Reach = Confluenza RS = 900 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

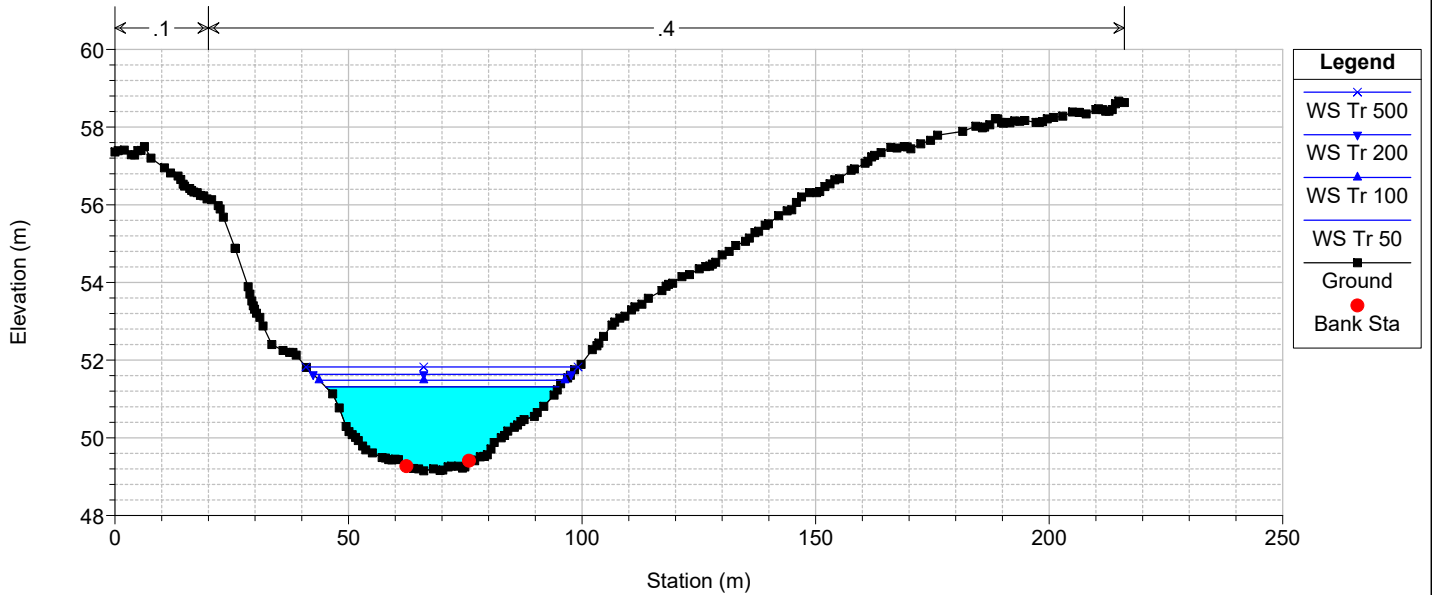
River = Asta Principale Reach = Confluenza RS = 800 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

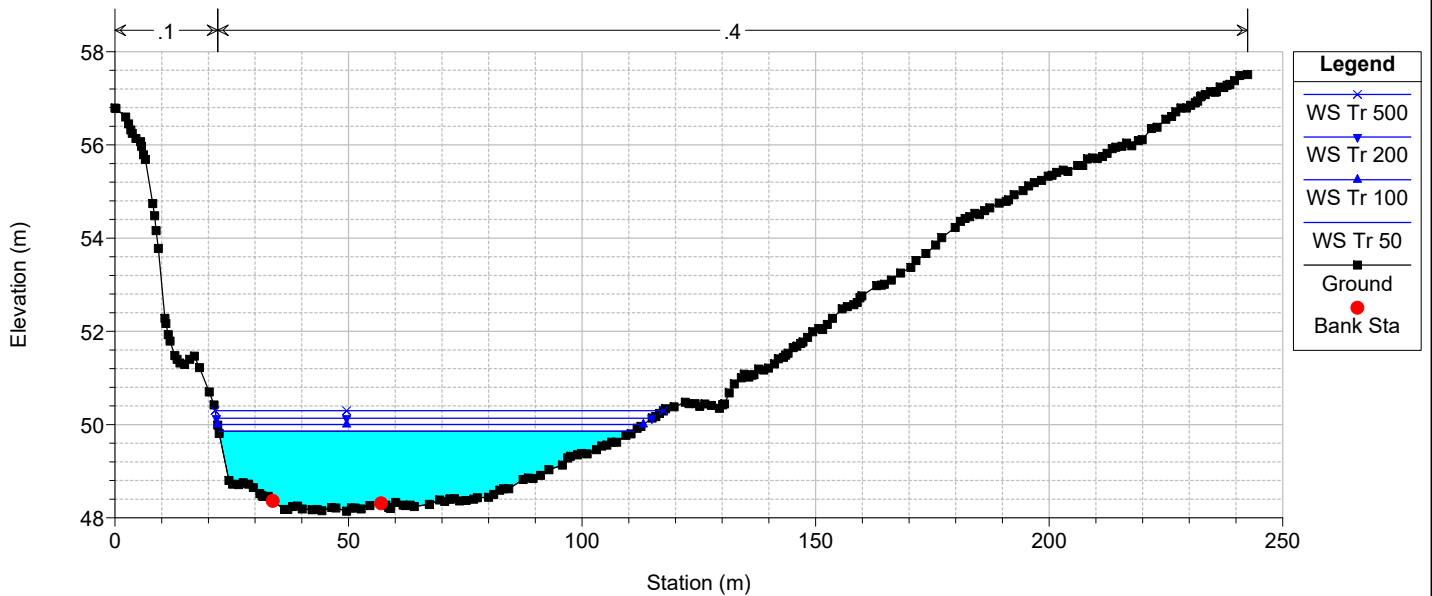
River = Asta Principale Reach = Confluenza RS = 700 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

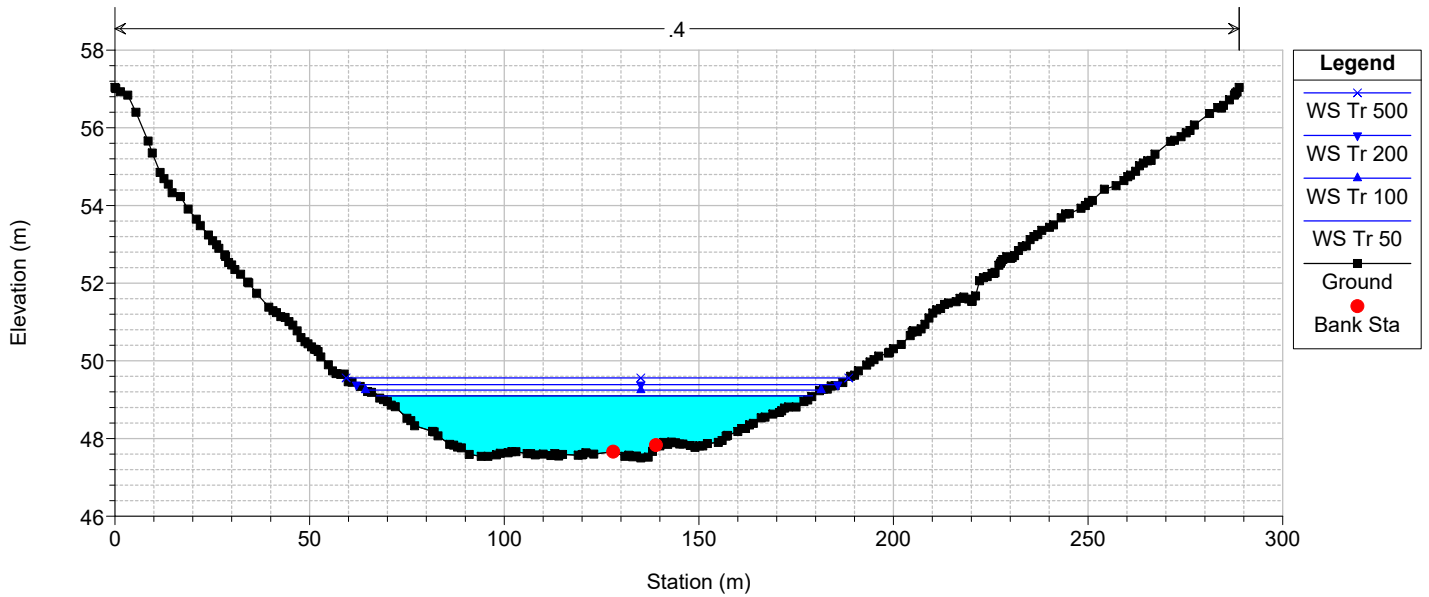
River = Asta Principale Reach = Confluenza RS = 604 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

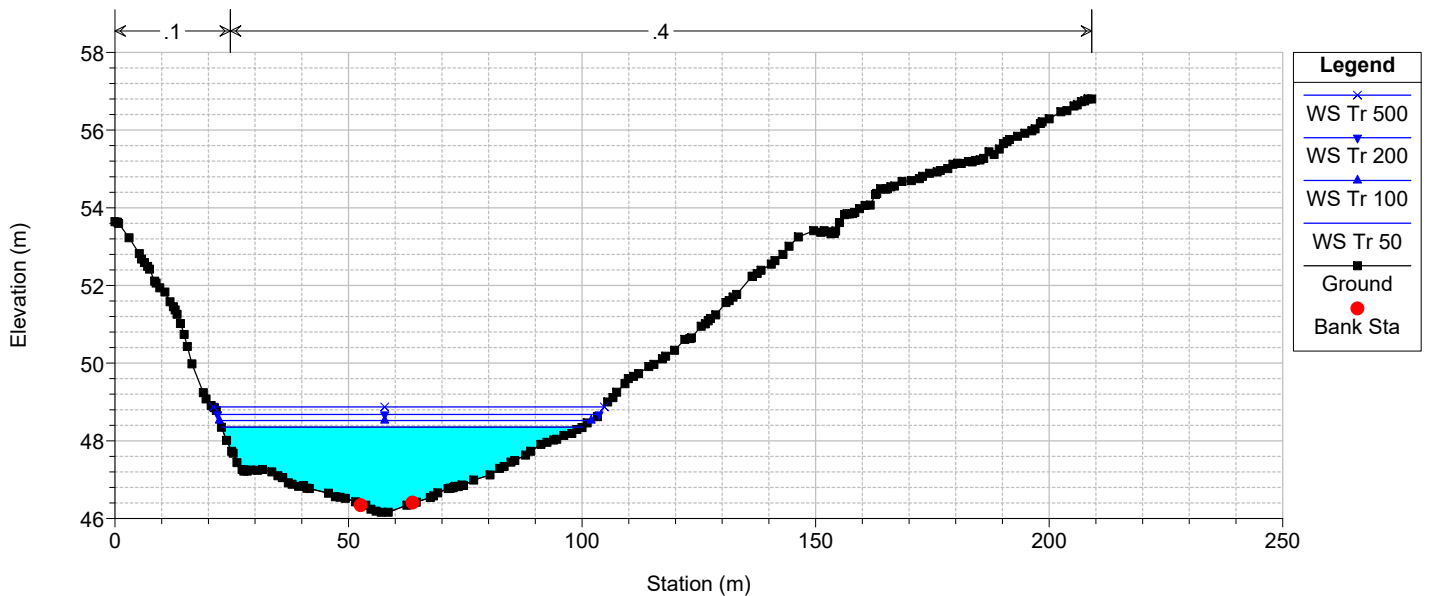
River = Asta Principale Reach = Confluenza RS = 534 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

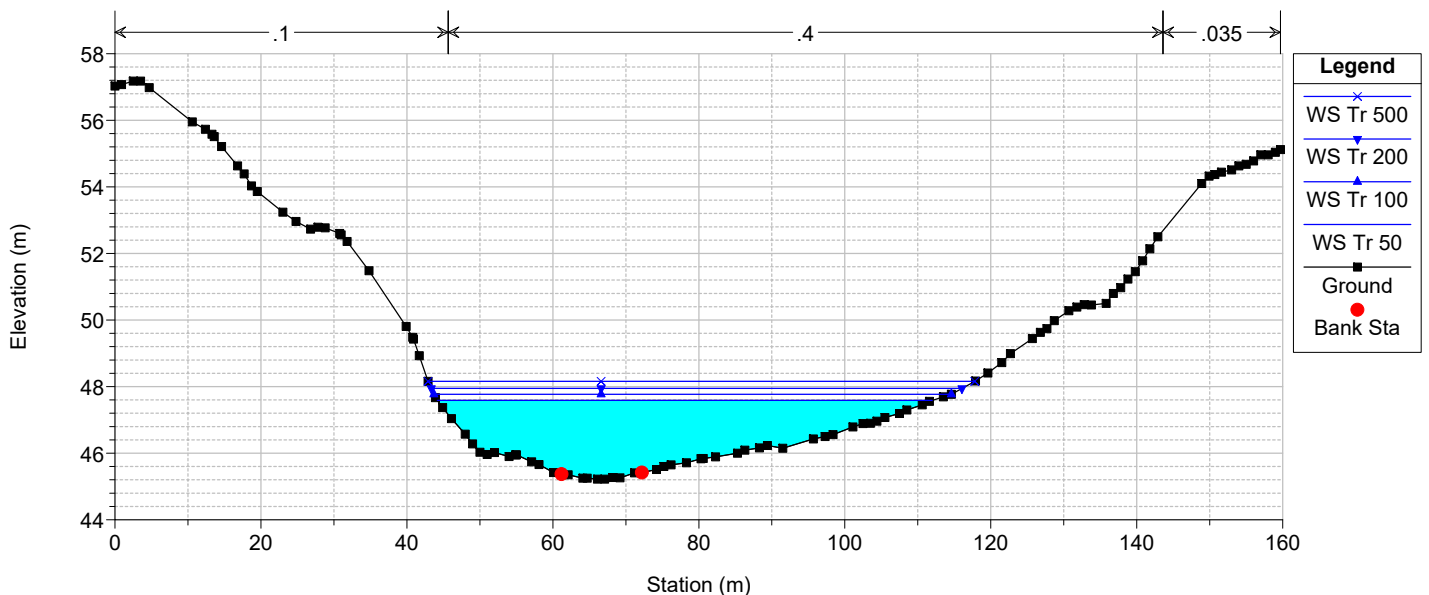
River = Asta Principale Reach = Confluenza RS = 465 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

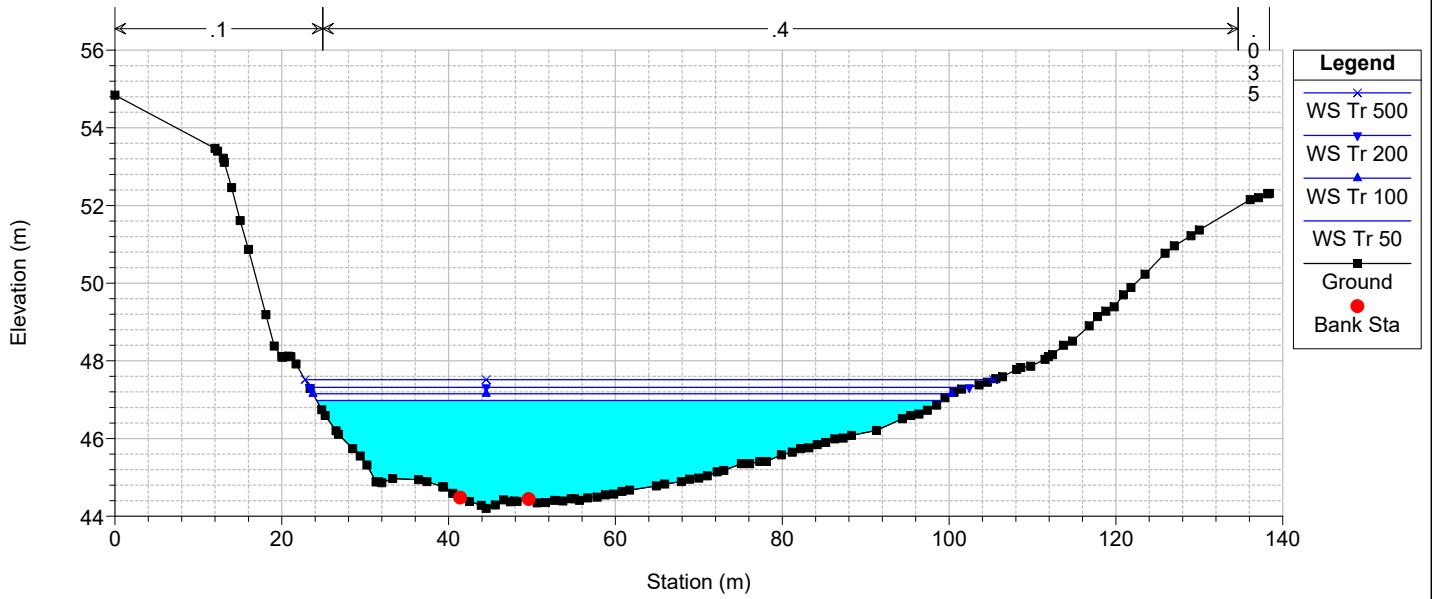
River = Asta Principale Reach = Confluenza RS = 395 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

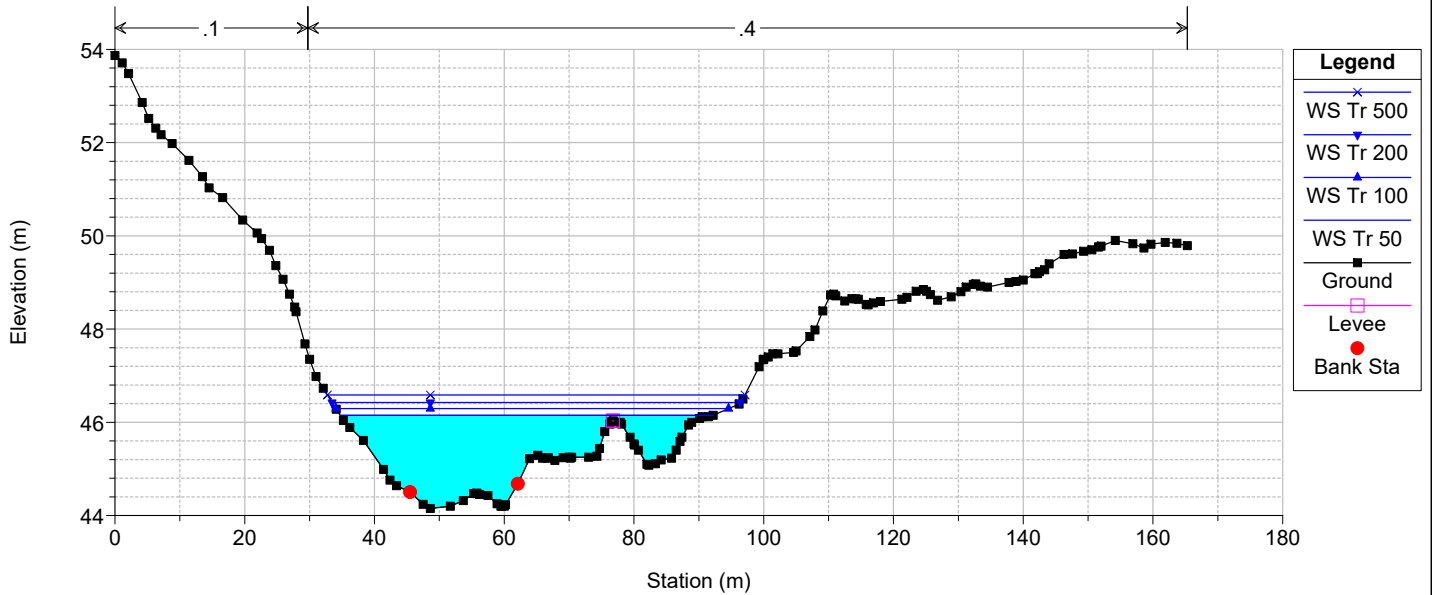
River = Asta Principale Reach = Confluenza RS = 309 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

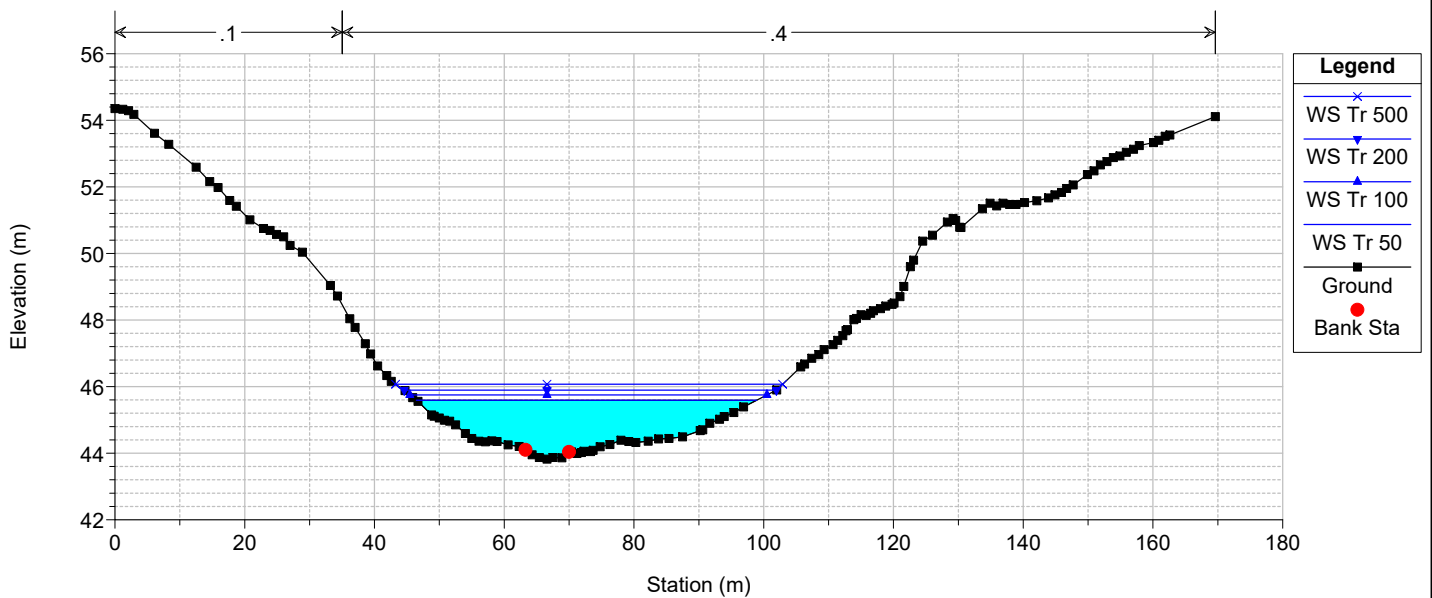
River = Asta Principale Reach = Confluenza RS = 234 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

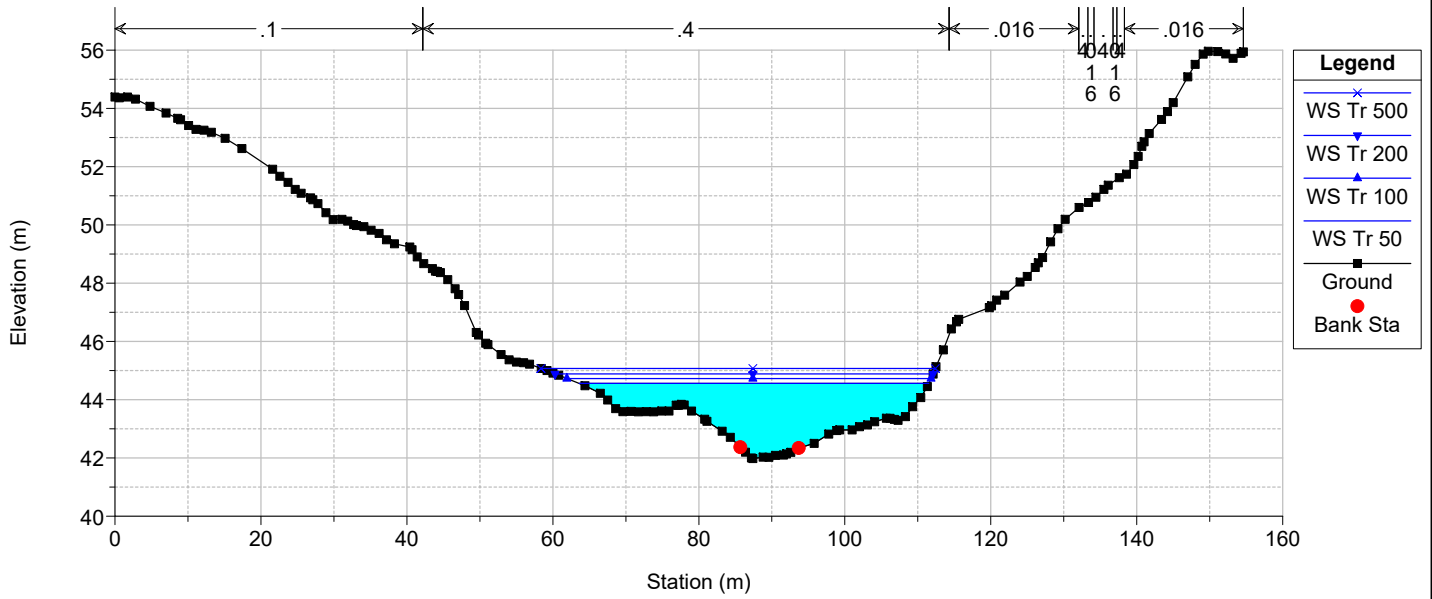
River = Asta Principale Reach = Confluenza RS = 221 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

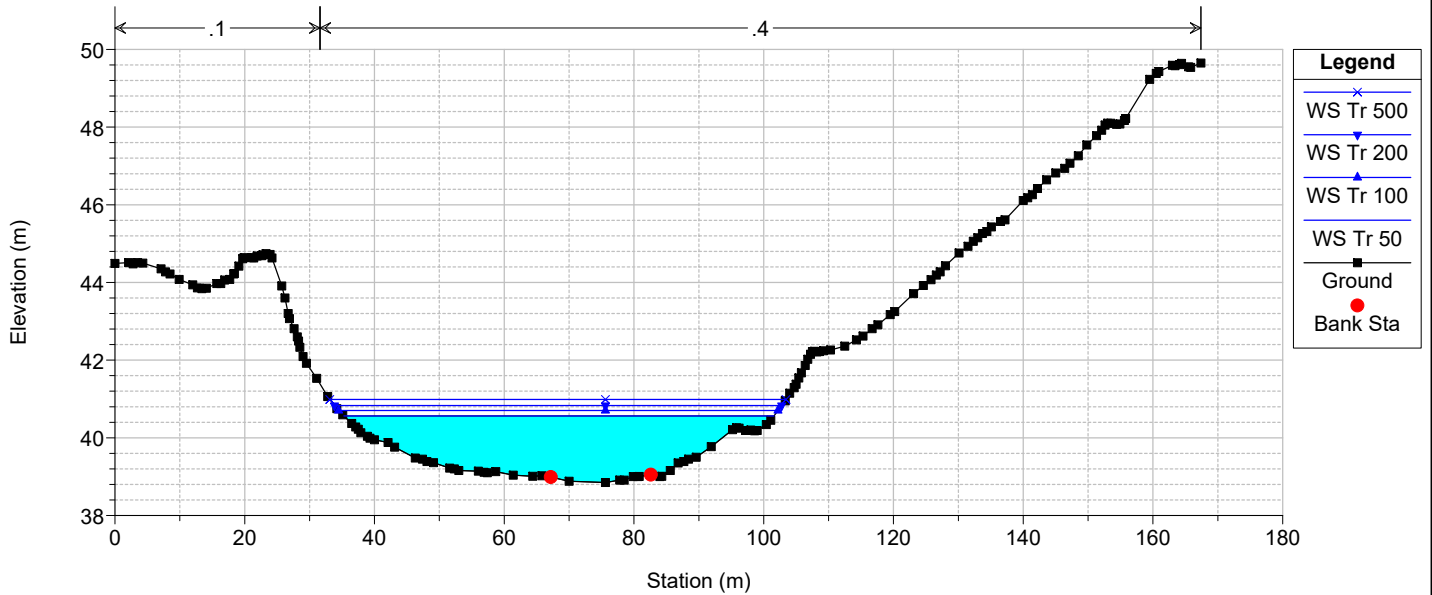
River = Asta Principale Reach = Confluenza RS = 190 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



EDIFICATO OTTAVA Plan: 04022021_ 2/12/2021

Geom: 04022021_mod Flow: 04022021

River = Asta Principale Reach = Confluenza RS = 27 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)	
Abitato1	4745	Tr 50	13.16	90.62	90.98	90.98	91.09	2.359643	1.51	9.22	43.22	0.97
Abitato1	4745	Tr 100	15.65	90.62	91.01	91.01	91.13	2.221283	1.58	10.56	45.34	0.96
Abitato1	4745	Tr 200	18.16	90.62	91.04	91.04	91.16	2.142992	1.66	11.80	46.41	0.96
Abitato1	4745	Tr 500	21.52	90.62	91.07	91.07	91.21	1.995322	1.72	13.58	48.84	0.94
Abitato1	4684	Tr 50	13.16	87.14	87.57	87.55	87.72	0.014028	0.07	9.85	40.58	0.07
Abitato1	4684	Tr 100	15.65	87.14	87.61	87.61	87.78	0.013754	0.07	11.95	51.90	0.07
Abitato1	4684	Tr 200	18.16	87.14	87.65	87.65	87.83	0.013551	0.08	14.21	56.87	0.07
Abitato1	4684	Tr 500	21.52	87.14	87.68	87.71	87.90	0.016199	0.09	15.58	59.60	0.07
Abitato1	4635	Tr 50	13.16	85.56	86.29	86.00	86.31	0.080234	0.55	27.64	69.55	0.25
Abitato1	4635	Tr 100	15.65	85.56	86.32	86.02	86.34	0.088427	0.60	29.82	70.20	0.27
Abitato1	4635	Tr 200	18.16	85.56	86.38	86.04	86.39	0.090667	0.61	33.84	79.44	0.27
Abitato1	4635	Tr 500	21.52	85.56	86.43	86.07	86.45	0.081861	0.65	38.39	83.01	0.28
Abitato1	4578	Tr 50	13.16	84.11	84.52	84.52	84.63	0.014997	1.75	10.02	51.95	0.94
Abitato1	4578	Tr 100	15.65	84.11	84.56	84.56	84.68	0.014287	1.82	11.94	54.38	0.93
Abitato1	4578	Tr 200	18.16	84.11	84.58	84.58	84.71	0.014337	1.91	13.48	56.30	0.94
Abitato1	4578	Tr 500	21.52	84.11	84.61	84.61	84.76	0.015096	2.06	15.24	60.56	0.98
Abitato1	4533	Tr 50	13.16	83.15	83.47	83.52	83.66	0.034124	1.90	6.97	34.21	1.30
Abitato1	4533	Tr 100	15.65	83.15	83.50	83.56	83.70	0.034215	1.97	8.07	40.51	1.32
Abitato1	4533	Tr 200	18.16	83.15	83.52	83.58	83.74	0.034452	2.09	8.89	41.07	1.34
Abitato1	4533	Tr 500	21.52	83.15	83.56	83.62	83.79	0.031724	2.17	10.21	41.95	1.31
Abitato1	4502	Tr 50	13.16	82.49	82.84	82.84	82.93	0.016547	1.53	10.01	52.96	0.94
Abitato1	4502	Tr 100	15.65	82.49	82.85	82.85	82.97	0.017731	1.66	11.05	55.43	0.99
Abitato1	4502	Tr 200	18.16	82.49	82.88	82.89	83.00	0.016157	1.69	12.71	56.60	0.96
Abitato1	4502	Tr 500	21.52	82.49	82.90	82.91	83.04	0.017521	1.83	13.84	58.05	1.01
Abitato1	4447	Tr 50	13.16	81.36	81.84	81.70	81.88	0.003323	0.86	17.61	69.46	0.45
Abitato1	4447	Tr 100	15.65	81.36	81.87	81.73	81.91	0.003524	0.93	19.82	75.96	0.47
Abitato1	4447	Tr 200	18.16	81.36	81.90	81.75	81.95	0.003580	0.99	22.26	83.64	0.48
Abitato1	4447	Tr 500	21.52	81.36	81.94	81.78	81.99	0.003554	1.04	25.53	88.97	0.48
Abitato1	4406	Tr 50	13.16	81.09	81.57	81.54	81.64	0.011769	1.17	11.62	57.29	0.78
Abitato1	4406	Tr 100	15.65	81.09	81.61	81.56	81.68	0.010470	1.20	13.67	61.98	0.75
Abitato1	4406	Tr 200	18.16	81.09	81.63	81.59	81.71	0.010551	1.28	15.34	65.85	0.76
Abitato1	4406	Tr 500	21.52	81.09	81.66	81.61	81.74	0.010870	1.37	17.06	68.60	0.78
Abitato1	4336	Tr 50	13.16	79.52	80.04	80.04	80.16	0.026610	0.42	16.92	69.20	0.20
Abitato1	4336	Tr 100	15.65	79.52	80.06	80.06	80.19	0.031907	0.48	18.40	71.65	0.23
Abitato1	4336	Tr 200	18.16	79.52	80.09	80.09	80.24	0.030888	0.49	20.31	72.45	0.22
Abitato1	4336	Tr 500	21.52	79.52	80.13	80.13	80.29	0.028040	0.49	23.17	74.38	0.22
Abitato1	4291	Tr 50	13.16	78.86	79.23	79.17	79.28	0.007777	1.03	13.45	58.59	0.64
Abitato1	4291	Tr 100	15.65	78.86	79.26	79.19	79.31	0.007940	1.08	15.26	62.05	0.66
Abitato1	4291	Tr 200	18.16	78.86	79.28	79.21	79.34	0.008019	1.14	16.83	64.64	0.67
Abitato1	4291	Tr 500	21.52	78.86	79.31	79.24	79.38	0.008173	1.22	18.77	65.59	0.68
Abitato1	4238	Tr 50	13.16	78.33	78.65	78.61	78.72	0.014631	1.14	12.74	74.19	0.75
Abitato1	4238	Tr 100	15.65	78.33	78.68	78.64	78.75	0.014382	1.20	14.69	77.78	0.75
Abitato1	4238	Tr 200	18.16	78.33	78.70	78.66	78.78	0.014059	1.25	16.66	80.53	0.75
Abitato1	4238	Tr 500	21.52	78.33	78.73	78.69	78.82	0.013577	1.31	19.25	81.29	0.74
Abitato1	4197	Tr 50	13.16	77.80	78.21		78.25	0.008063	1.18	15.04	70.23	0.67
Abitato1	4197	Tr 100	15.65	77.80	78.24		78.29	0.008143	1.26	17.22	75.14	0.69
Abitato1	4197	Tr 200	18.16	77.80	78.26		78.32	0.008207	1.33	19.39	80.40	0.70
Abitato1	4197	Tr 500	21.52	77.80	78.30		78.36	0.008324	1.43	22.38	86.44	0.71
Abitato1	4146	Tr 50	13.16	77.57	77.98	77.87	78.02	0.003993	0.90	19.04	78.76	0.48
Abitato1	4146	Tr 100	15.65	77.57	78.01	77.91	78.05	0.004130	0.96	21.32	79.59	0.50
Abitato1	4146	Tr 200	18.16	77.57	78.04	77.92	78.08	0.004183	1.01	23.45	80.20	0.51
Abitato1	4146	Tr 500	21.52	77.57	78.08	77.96	78.12	0.004105	1.06	26.58	82.45	0.51
Abitato1	4089	Tr 50	13.16	77.17	77.46	77.46	77.54	0.017960	1.56	11.04	66.99	0.98
Abitato1	4089	Tr 100	15.65	77.17	77.49	77.49	77.57	0.017083	1.62	12.69	70.28	0.97
Abitato1	4089	Tr 200	18.16	77.17	77.51	77.51	77.60	0.016682	1.67	14.10	71.39	0.97
Abitato1	4089	Tr 500	21.52	77.17	77.52	77.52	77.63	0.018224	1.81	15.40	75.00	1.02
Abitato1	4062	Tr 50	13.16	76.82	77.23	77.10	77.25	0.003304	0.84	18.50	67.07	0.44
Abitato1	4062	Tr 100	15.65	76.82	77.25	77.12	77.28	0.003767	0.93	19.86	68.88	0.48
Abitato1	4062	Tr 200	18.16	76.82	77.28	77.14	77.31	0.003711	0.98	22.13	69.89	0.48
Abitato1	4062	Tr 500	21.52	76.82	77.31	77.17	77.35	0.003912	1.06	24.53	72.96	0.50
Abitato1	4020	Tr 50	13.16	76.54	76.89	76.89	76.98	0.015241	1.48	11.00	69.51	0.91
Abitato1	4020	Tr 100	15.65	76.54	76.93	76.93	77.01	0.011907	1.42	13.73	73.07	0.82
Abitato1	4020	Tr 200	18.16	76.54	76.94	76.94	77.04	0.013363	1.55	14.62	73.43	0.87
Abitato1	4020	Tr 500	21.52	76.54	76.97	76.97	77.07	0.012987	1.61	16.59	76.74	0.87
Abitato1	3963	Tr 50	13.16	76.23	76.50	76.37	76.51	0.002698	0.50	23.92	109.68	0.36
Abitato1	3963	Tr 100	15.65	76.23	76.52	76.39	76.53	0.002951	0.56	25.96	110.49	0.38
Abitato1	3963	Tr 200	18.16	76.23	76.54	76.41	76.56	0.003009	0.60	28.36	112.40	0.39

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)	
Abitato1	3963	Tr 500	21.52	76.23	76.57	76.43	76.59	0.003002	0.65	31.77	113.93	0.40
Abitato1	3920	Tr 50	13.16	75.89	76.15	76.15	76.24	0.022433	1.51	10.37	70.04	1.05
Abitato1	3920	Tr 100	15.65	75.89	76.19	76.19	76.27	0.017014	1.46	13.07	79.58	0.94
Abitato1	3920	Tr 200	18.16	75.89	76.21	76.21	76.30	0.016200	1.51	14.81	83.14	0.93
Abitato1	3920	Tr 500	21.52	75.89	76.24	76.24	76.33	0.015531	1.57	17.06	87.75	0.93
Abitato1	3885	Tr 50	13.16	75.29	75.69	75.58	75.72	0.003469	0.71	19.02	73.58	0.43
Abitato1	3885	Tr 100	15.65	75.29	75.72	75.60	75.75	0.003543	0.76	21.03	74.89	0.44
Abitato1	3885	Tr 200	18.16	75.29	75.75	75.62	75.78	0.003448	0.80	23.28	76.31	0.45
Abitato1	3885	Tr 500	21.52	75.29	75.79	75.64	75.82	0.003400	0.85	26.05	77.54	0.45
Abitato1	3836	Tr 50	13.16	75.08	75.44		75.49	0.006853	1.03	13.53	53.87	0.61
Abitato1	3836	Tr 100	15.65	75.08	75.49		75.54	0.005525	1.03	16.27	58.01	0.57
Abitato1	3836	Tr 200	18.16	75.08	75.53		75.58	0.004867	1.05	19.02	65.68	0.54
Abitato1	3836	Tr 500	21.52	75.08	75.59		75.64	0.004079	1.05	22.92	71.93	0.51
Abitato1	3785	Tr 50	13.16	74.81	75.38		75.39	0.000761	0.50	28.99	72.95	0.22
Abitato1	3785	Tr 100	15.65	74.81	75.43		75.44	0.000758	0.54	32.94	76.64	0.23
Abitato1	3785	Tr 200	18.16	74.81	75.48		75.49	0.000762	0.57	36.72	81.22	0.23
Abitato1	3785	Tr 500	21.52	74.81	75.54		75.55	0.000753	0.60	41.74	86.77	0.23
Abitato1	3736	Tr 50	13.16	74.51	75.35		75.36	0.000569	0.16	44.32	99.50	0.06
Abitato1	3736	Tr 100	15.65	74.51	75.40		75.41	0.000576	0.17	49.67	101.40	0.06
Abitato1	3736	Tr 200	18.16	74.51	75.45		75.46	0.000567	0.17	54.66	107.07	0.06
Abitato1	3736	Tr 500	21.52	74.51	75.51		75.52	0.000578	0.19	61.44	121.24	0.06
Abitato1	3688	Tr 50	13.16	74.36	75.34		75.34	0.000115	0.28	81.83	151.99	0.10
Abitato1	3688	Tr 100	15.65	74.36	75.39		75.40	0.000131	0.31	89.80	154.35	0.10
Abitato1	3688	Tr 200	18.16	74.36	75.44		75.44	0.000148	0.34	97.25	160.17	0.11
Abitato1	3688	Tr 500	21.52	74.36	75.50		75.50	0.000168	0.38	106.84	167.41	0.12
Abitato1	3631	Tr 50	13.16	74.27	75.32		75.32	0.006936	0.20	82.20	151.10	0.07
Abitato1	3631	Tr 100	15.65	74.27	75.37		75.37	0.006957	0.20	89.83	153.36	0.07
Abitato1	3631	Tr 200	18.16	74.27	75.42		75.42	0.007017	0.21	96.81	156.33	0.07
Abitato1	3631	Tr 500	21.52	74.27	75.47		75.47	0.007044	0.22	105.74	165.49	0.07
Abitato1	3588	Tr 50	13.16	73.98	74.56		74.57	0.101027	0.51	30.69	82.88	0.23
Abitato1	3588	Tr 100	15.65	73.98	74.59		74.60	0.108942	0.55	33.51	83.64	0.24
Abitato1	3588	Tr 200	18.16	73.98	74.62		74.64	0.116270	0.59	36.21	86.79	0.25
Abitato1	3588	Tr 500	21.52	73.98	74.67		74.69	0.117420	0.63	40.49	90.15	0.25
Abitato1	3538	Tr 50	13.16	73.79	74.22		74.24	0.002200	0.70	22.55	87.61	0.36
Abitato1	3538	Tr 100	15.65	73.79	74.25		74.27	0.002190	0.73	25.35	88.71	0.37
Abitato1	3538	Tr 200	18.16	73.79	74.28		74.30	0.002182	0.77	28.10	90.75	0.37
Abitato1	3538	Tr 500	21.52	73.79	74.31		74.34	0.002281	0.82	31.04	92.76	0.38
Abitato1	3486	Tr 50	13.16	73.60	73.93	73.90	74.00	0.013809	1.16	11.56	59.31	0.82
Abitato1	3486	Tr 100	15.65	73.60	73.96	73.93	74.03	0.013855	1.21	13.14	65.19	0.83
Abitato1	3486	Tr 200	18.16	73.60	73.98	73.95	74.06	0.014449	1.26	14.81	75.02	0.85
Abitato1	3486	Tr 500	21.52	73.60	74.01	73.98	74.09	0.013517	1.31	16.91	76.64	0.84
Abitato1	3436	Tr 50	13.16	73.17	73.72		73.75	0.002292	0.97	17.76	74.34	0.51
Abitato1	3436	Tr 100	15.65	73.17	73.75		73.79	0.002266	1.01	19.87	76.09	0.52
Abitato1	3436	Tr 200	18.16	73.17	73.78		73.82	0.002208	1.05	21.94	77.29	0.52
Abitato1	3436	Tr 500	21.52	73.17	73.81		73.85	0.002225	1.11	24.28	78.59	0.53
Abitato1	3385	Tr 50	13.16	72.95	73.39	73.39	73.49	0.021328	1.39	9.44	48.76	1.01
Abitato1	3385	Tr 100	15.65	72.95	73.41	73.41	73.52	0.021145	1.47	10.63	50.36	1.02
Abitato1	3385	Tr 200	18.16	72.95	73.44	73.44	73.56	0.020675	1.54	11.79	51.28	1.03
Abitato1	3385	Tr 500	21.52	72.95	73.47	73.47	73.60	0.019391	1.59	13.51	53.31	1.01
Abitato1	3332	Tr 50	13.16	72.25	72.69	72.65	72.77	0.003818	1.23	10.73	45.43	0.75
Abitato1	3332	Tr 100	15.65	72.25	72.72	72.68	72.81	0.003720	1.27	12.23	47.40	0.74
Abitato1	3332	Tr 200	18.16	72.25	72.76	72.71	72.85	0.003527	1.31	14.01	48.86	0.72
Abitato1	3332	Tr 500	21.52	72.25	72.79	72.74	72.89	0.003523	1.37	15.65	49.34	0.72
Abitato1	3282	Tr 50	13.16	71.98	72.42	72.36	72.49	0.008757	1.11	11.89	44.62	0.68
Abitato1	3282	Tr 100	15.65	71.98	72.45	72.38	72.52	0.009470	1.19	13.17	47.08	0.72
Abitato1	3282	Tr 200	18.16	71.98	72.48	72.41	72.56	0.010464	1.24	14.63	52.81	0.75
Abitato1	3282	Tr 500	21.52	71.98	72.51	72.45	72.60	0.010958	1.32	16.36	56.00	0.78
Abitato1	3229	Tr 50	13.16	71.60	71.95		72.01	0.009700	1.08	12.16	50.93	0.71
Abitato1	3229	Tr 100	15.65	71.60	71.98		72.05	0.008684	1.11	14.04	51.81	0.68
Abitato1	3229	Tr 200	18.16	71.60	72.02		72.08	0.007984	1.15	15.82	52.38	0.67
Abitato1	3229	Tr 500	21.52	71.60	72.06		72.13	0.007375	1.19	18.03	53.87	0.65
Abitato1	3182	Tr 50	13.16	71.30	71.84		71.86	0.001308	0.57	24.17	69.58	0.28
Abitato1	3182	Tr 100	15.65	71.30	71.88		71.90	0.001327	0.61	27.07	72.55	0.29
Abitato1	3182	Tr 200	18.16	71.30	71.92		71.94	0.001334	0.65	29.84	73.73	0.30
Abitato1	3182	Tr 500	21.52	71.30	71.97		71.99	0.001362	0.70	33.22	76.65	0.30
Abitato1	3141	Tr 50	13.16	71.14	71.60	71.60	71.71	0.020140	1.52	8.70	39.03	1.01

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)	
Abitato1	3141	Tr 100	15.65	71.14	71.63	71.63	71.76	0.019197	1.59	9.88	40.40	1.01
Abitato1	3141	Tr 200	18.16	71.14	71.65	71.65	71.79	0.018573	1.67	10.99	41.50	1.01
Abitato1	3141	Tr 500	21.52	71.14	71.70	71.70	71.84	0.017630	1.69	12.93	46.03	0.99
Abitato1	3102	Tr 50	13.16	70.92	71.50	71.37	71.54	0.000884	1.08	15.47	51.81	0.51
Abitato1	3102	Tr 100	15.65	70.92	71.53	71.39	71.58	0.000920	1.15	17.07	52.46	0.53
Abitato1	3102	Tr 200	18.16	70.92	71.56	71.43	71.61	0.000959	1.22	18.53	53.05	0.55
Abitato1	3102	Tr 500	21.52	70.92	71.59	71.46	71.65	0.001038	1.33	20.53	56.55	0.57
Abitato1	3066	Tr 50	13.16	71.01	71.41	71.35	71.47	0.007817	1.08	12.95	56.44	0.69
Abitato1	3066	Tr 100	15.65	71.01	71.44	71.38	71.50	0.007623	1.12	14.69	57.98	0.69
Abitato1	3066	Tr 200	18.16	71.01	71.47	71.40	71.53	0.007902	1.19	16.04	59.20	0.71
Abitato1	3066	Tr 500	21.52	71.01	71.50	71.43	71.57	0.007857	1.25	18.06	61.69	0.72
Abitato1	3036	Tr 50	13.16	70.58	71.00	71.00	71.11	0.019733	1.40	9.16	42.94	0.98
Abitato1	3036	Tr 100	15.65	70.58	71.02	71.02	71.14	0.019776	1.49	10.24	43.85	1.00
Abitato1	3036	Tr 200	18.16	70.58	71.05	71.05	71.18	0.018284	1.54	11.57	45.19	0.98
Abitato1	3036	Tr 500	21.52	70.58	71.09	71.09	71.23	0.017615	1.64	13.01	46.30	0.98
Abitato1	2982	Tr 50	13.16	69.65	70.25	69.99	70.26	0.000699	0.47	31.68	81.70	0.21
Abitato1	2982	Tr 100	15.65	69.65	70.28	70.01	70.29	0.000809	0.53	33.74	82.15	0.23
Abitato1	2982	Tr 200	18.16	69.65	70.30	70.02	70.32	0.000888	0.57	36.00	82.70	0.25
Abitato1	2982	Tr 500	21.52	69.65	70.34	70.05	70.36	0.000973	0.62	38.94	83.49	0.26
Abitato1	2936	Tr 50	13.16	69.84	70.16	70.16	70.19	0.005478	0.77	18.33	104.66	0.52
Abitato1	2936	Tr 100	15.65	69.84	70.16	70.16	70.20	0.007750	0.92	18.32	104.65	0.62
Abitato1	2936	Tr 200	18.16	69.84	70.16	70.16	70.21	0.010445	1.06	18.32	104.65	0.72
Abitato1	2936	Tr 500	21.52	69.84	70.16	70.16	70.24	0.014669	1.26	18.32	104.65	0.86
Abitato1	2919	Tr 50	13.16	68.94	69.69	69.31	69.70	0.000302	0.37	44.03	96.38	0.15
Abitato1	2919	Tr 100	15.65	68.94	69.73	69.33	69.73	0.000334	0.41	47.62	97.22	0.16
Abitato1	2919	Tr 200	18.16	68.94	69.76	69.37	69.77	0.000357	0.44	51.21	97.85	0.16
Abitato1	2919	Tr 500	21.52	68.94	69.81	69.40	69.82	0.000388	0.47	55.52	99.94	0.17
Abitato1	2835	Tr 50	13.16	69.22	69.53	69.53	69.62	0.004393	1.44	9.75	53.54	1.02
Abitato1	2835	Tr 100	15.65	69.22	69.56	69.56	69.66	0.003955	1.48	11.25	54.94	0.98
Abitato1	2835	Tr 200	18.16	69.22	69.57	69.57	69.69	0.004101	1.59	12.26	56.35	1.01
Abitato1	2835	Tr 500	21.52	69.22	69.60	69.60	69.73	0.003889	1.67	14.01	58.97	1.01
Abitato1	2782	Tr 50	13.16	68.40	68.70	68.83	69.15	0.020825	3.16	4.73	32.95	2.21
Abitato1	2782	Tr 100	15.65	68.40	68.72	68.85	69.20	0.019471	3.28	5.52	36.16	2.18
Abitato1	2782	Tr 200	18.16	68.40	68.74	68.88	69.24	0.018471	3.38	6.31	38.65	2.15
Abitato1	2782	Tr 500	21.52	68.40	68.76	68.91	69.30	0.018053	3.54	7.17	39.28	2.16
Abitato1	2702	Tr 50	13.16	68.09	68.64	68.40	68.66	0.001515	0.71	21.07	54.34	0.32
Abitato1	2702	Tr 100	15.65	68.09	68.69	68.43	68.71	0.001550	0.76	23.54	56.12	0.33
Abitato1	2702	Tr 200	18.16	68.09	68.73	68.45	68.75	0.001598	0.81	25.78	57.48	0.33
Abitato1	2702	Tr 500	21.52	68.09	68.78	68.49	68.81	0.001638	0.86	28.68	59.05	0.34
Abitato1	2601	Tr 50	13.16	67.70	68.18	68.18	68.29	0.018698	1.49	9.19	43.34	0.98
Abitato1	2601	Tr 100	15.65	67.70	68.20	68.20	68.32	0.018906	1.57	10.34	44.90	1.00
Abitato1	2601	Tr 200	18.16	67.70	68.23	68.23	68.36	0.017993	1.64	11.53	45.31	0.99
Abitato1	2601	Tr 500	21.52	67.70	68.26	68.26	68.41	0.017570	1.74	12.92	45.78	0.99
Abitato1	2501	Tr 50	13.16	66.76	67.47	67.09	67.48	0.000520	0.47	31.44	67.72	0.19
Abitato1	2501	Tr 100	15.65	66.76	67.56	67.12	67.57	0.000427	0.47	37.80	70.74	0.18
Abitato1	2501	Tr 200	18.16	66.76	67.65	67.15	67.66	0.000363	0.47	44.16	73.35	0.17
Abitato1	2501	Tr 500	21.52	66.76	67.76	67.18	67.77	0.000307	0.47	52.69	78.23	0.16
Abitato1	2401	Tr 50	13.16	66.01	67.38		67.38	0.002386	0.14	105.38	106.50	0.04
Abitato1	2401	Tr 100	15.65	66.01	67.48		67.48	0.002497	0.15	116.44	108.60	0.04
Abitato1	2401	Tr 200	18.16	66.01	67.58		67.58	0.002564	0.16	127.00	109.60	0.04
Abitato1	2401	Tr 500	21.52	66.01	67.70		67.70	0.002648	0.18	140.36	111.50	0.04
Abitato1	2301	Tr 50	13.16	65.74	67.18		67.18	0.001786	0.13	116.61	108.13	0.04
Abitato1	2301	Tr 100	15.65	65.74	67.26		67.26	0.001974	0.14	126.06	108.98	0.04
Abitato1	2301	Tr 200	18.16	65.74	67.35		67.35	0.002136	0.15	135.32	110.19	0.04
Abitato1	2301	Tr 500	21.52	65.74	67.45		67.46	0.002311	0.17	147.23	111.73	0.04
Abitato1	2225	Tr 50	13.16	65.63	66.61	66.45	66.67	0.606409	1.12	11.79	26.97	0.54
Abitato1	2225	Tr 100	15.65	65.63	66.61	66.49	66.70	0.834278	1.32	11.89	27.00	0.63
Abitato1	2225	Tr 200	18.16	65.63	66.62	66.53	66.74	1.096690	1.52	11.98	27.03	0.73
Abitato1	2225	Tr 500	21.52	65.63	66.61	66.57	66.78	1.594088	1.82	11.85	26.99	0.87
Abitato1	2198	Tr 50	13.16	65.12	65.49	65.46	65.57	0.013459	1.31	10.29	46.19	0.84
Abitato1	2198	Tr 100	15.65	65.12	65.52	65.49	65.61	0.012783	1.38	11.69	47.25	0.83
Abitato1	2198	Tr 200	18.16	65.12	65.54	65.52	65.65	0.012288	1.44	13.07	49.28	0.83
Abitato1	2198	Tr 500	21.52	65.12	65.58	65.54	65.69	0.011731	1.51	14.81	49.87	0.83
Abitato1	2103	Tr 50	13.16	64.34	64.89	64.77	64.93	0.003934	1.01	15.58	52.69	0.50
Abitato1	2103	Tr 100	15.65	64.34	64.93	64.80	64.97	0.004008	1.08	17.60	54.13	0.51
Abitato1	2103	Tr 200	18.16	64.34	64.96	64.82	65.01	0.004066	1.14	19.50	57.00	0.52
Abitato1	2103	Tr 500	21.52	64.34	65.00	64.86	65.06	0.004170	1.21	21.73	58.75	0.53

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)	
Abitato1	2029	Tr 50	13.16	63.92	64.27	64.27	64.38	0.017555	1.51	9.16	41.39	0.96
Abitato1	2029	Tr 100	15.65	63.92	64.30	64.30	64.42	0.017047	1.60	10.34	42.20	0.96
Abitato1	2029	Tr 200	18.16	63.92	64.33	64.33	64.46	0.016513	1.67	11.50	43.39	0.96
Abitato1	2029	Tr 500	21.52	63.92	64.36	64.36	64.51	0.015395	1.74	13.22	47.63	0.95
Abitato1	1994	Tr 50	13.16	63.21	63.73	63.55	63.76	0.002306	0.82	18.54	54.99	0.38
Abitato1	1994	Tr 100	15.65	63.21	63.77	63.57	63.80	0.002359	0.88	20.98	59.63	0.40
Abitato1	1994	Tr 200	18.16	63.21	63.81	63.60	63.84	0.002323	0.92	23.31	60.39	0.40
Abitato1	1994	Tr 500	21.52	63.21	63.85	63.64	63.89	0.002354	0.97	25.96	60.99	0.40
Abitato1	1958	Tr 50	13.16	63.04	63.39	63.39	63.52	0.050708	1.62	10.02	47.82	0.97
Abitato1	1958	Tr 100	15.65	63.04	63.43	63.43	63.56	0.046248	1.67	11.89	51.93	0.94
Abitato1	1958	Tr 200	18.16	63.04	63.46	63.46	63.61	0.044460	1.74	13.56	54.33	0.94
Abitato1	1958	Tr 500	21.52	63.04	63.50	63.50	63.66	0.040035	1.78	16.14	58.63	0.90
Abitato1	1900	Tr 50	13.16	61.74	62.36	62.17	62.40	0.002410	0.86	17.07	45.86	0.40
Abitato1	1900	Tr 100	15.65	61.74	62.47	62.20	62.50	0.001576	0.80	22.18	49.04	0.33
Abitato1	1900	Tr 200	18.16	61.74	62.53	62.23	62.56	0.001481	0.82	25.03	50.36	0.33
Abitato1	1900	Tr 500	21.52	61.74	62.55	62.27	62.59	0.001815	0.93	26.23	51.13	0.36
Abitato1	1777	Tr 50	13.16	59.86	62.09		62.09	0.002327	0.19	81.89	58.45	0.04
Abitato1	1777	Tr 100	15.65	59.86	62.25		62.26	0.002390	0.21	91.42	60.18	0.04
Abitato1	1777	Tr 200	18.16	59.86	62.30		62.30	0.002971	0.23	93.95	60.53	0.05
Abitato1	1777	Tr 500	21.52	59.86	62.23		62.24	0.004687	0.29	90.29	60.02	0.06
Confluenza	1600	Tr 50	34.27	57.67	58.18	58.18	58.34	1.785994	1.92	20.22	60.34	0.93
Confluenza	1600	Tr 100	40.67	57.67	58.21	58.21	58.39	1.875876	2.06	22.25	61.10	0.96
Confluenza	1600	Tr 200	47.13	57.67	58.52		58.58	0.350848	1.25	43.94	86.20	0.45
Confluenza	1600	Tr 500	55.72	57.67	58.99		59.01	0.070968	0.77	88.71	104.01	0.22
Confluenza	1449	Tr 50	34.27	56.26	57.82	56.83	57.83	0.000102	0.17	108.92	89.62	0.04
Confluenza	1449	Tr 100	40.67	56.26	58.18	56.87	58.19	0.000059	0.15	141.96	91.97	0.03
Confluenza	1449	Tr 200	47.13	56.26	58.53	56.95	58.54	0.000040	0.14	174.82	95.52	0.03
Confluenza	1449	Tr 500	55.72	56.26	58.98	57.05	58.99	0.000028	0.13	219.02	101.75	0.03
Confluenza	1314	Tr 50	34.27	55.23	57.82		57.82	0.000021	0.24	161.09	82.39	0.05
Confluenza	1314	Tr 100	40.67	55.23	58.18		58.19	0.000018	0.24	192.23	88.15	0.05
Confluenza	1314	Tr 200	47.13	55.23	58.53		58.54	0.000016	0.25	224.43	96.12	0.04
Confluenza	1314	Tr 500	55.72	55.23	58.98		58.98	0.000013	0.25	270.27	108.51	0.04
Confluenza	1253	Tr 50	34.27	54.77	57.82		57.82	0.000936	0.16	289.42	160.02	0.03
Confluenza	1253	Tr 100	40.67	54.77	58.18		58.18	0.000797	0.16	350.63	177.15	0.03
Confluenza	1253	Tr 200	47.13	54.77	58.53		58.53	0.000686	0.16	416.26	195.05	0.03
Confluenza	1253	Tr 500	55.72	54.77	58.98		58.98	0.000568	0.15	508.13	216.09	0.02
Confluenza	1211	Tr 50	34.27	54.61	57.74	56.16	57.74	0.005212	0.32	135.84	82.64	0.06
Confluenza	1211	Tr 100	40.67	54.61	58.12	56.23	58.12	0.003922	0.31	168.05	87.65	0.06
Confluenza	1211	Tr 200	47.13	54.61	58.48	56.28	58.48	0.003096	0.30	200.55	91.27	0.05
Confluenza	1211	Tr 500	55.72	54.61	58.93	56.34	58.94	0.002520	0.29	245.31	107.56	0.05
Confluenza	1190		Culvert									
Confluenza	1158	Tr 50	34.27	53.87	55.90	54.62	55.90	0.015829	0.49	89.04	67.77	0.11
Confluenza	1158	Tr 100	40.67	53.87	56.04	54.74	56.05	0.016126	0.52	99.22	69.45	0.11
Confluenza	1158	Tr 200	47.13	53.87	56.18	54.83	56.19	0.016382	0.54	109.00	71.09	0.12
Confluenza	1158	Tr 500	55.72	53.87	56.35	54.83	56.36	0.016861	0.58	120.95	73.15	0.12
Confluenza	1100	Tr 50	34.27	53.31	55.12	53.83	55.13	0.011604	0.39	101.54	81.88	0.09
Confluenza	1100	Tr 100	40.67	53.31	55.27	53.88	55.28	0.011364	0.41	114.02	84.26	0.09
Confluenza	1100	Tr 200	47.13	53.31	55.42	53.93	55.42	0.011077	0.42	126.37	86.93	0.09
Confluenza	1100	Tr 500	55.72	53.31	55.59	53.99	55.60	0.010657	0.44	141.44	88.59	0.09
Confluenza	1000	Tr 50	34.27	52.15	54.20		54.21	0.007485	0.34	125.10	90.19	0.08
Confluenza	1000	Tr 100	40.67	52.15	54.37		54.37	0.007391	0.36	140.14	91.86	0.08
Confluenza	1000	Tr 200	47.13	52.15	54.53		54.53	0.007319	0.37	154.98	94.28	0.08
Confluenza	1000	Tr 500	55.72	52.15	54.72		54.72	0.007272	0.39	173.19	96.85	0.08
Confluenza	900	Tr 50	34.27	51.07	53.41		53.42	0.008387	0.39	114.12	81.84	0.08
Confluenza	900	Tr 100	40.67	51.07	53.59		53.60	0.008147	0.41	129.27	84.77	0.08
Confluenza	900	Tr 200	47.13	51.07	53.76		53.76	0.008066	0.43	143.63	88.35	0.08
Confluenza	900	Tr 500	55.72	51.07	53.96		53.97	0.007908	0.44	161.86	91.60	0.08
Confluenza	800	Tr 50	34.27	49.99	52.57		52.58	0.008408	0.40	108.12	73.76	0.08
Confluenza	800	Tr 100	40.67	49.99	52.76		52.77	0.008456	0.43	122.61	78.59	0.09
Confluenza	800	Tr 200	47.13	49.99	52.93		52.94	0.008463	0.45	136.30	81.55	0.09
Confluenza	800	Tr 500	55.72	49.99	53.14		53.15	0.008516	0.47	153.64	85.52	0.09
Confluenza	700	Tr 50	34.27	49.15	51.32		51.33	0.020402	0.58	72.23	50.00	0.13
Confluenza	700	Tr 100	40.67	49.15	51.48		51.50	0.021123	0.63	80.86	52.65	0.13
Confluenza	700	Tr 200	47.13	49.15	51.64		51.65	0.021841	0.66	89.11	55.24	0.14
Confluenza	700	Tr 500	55.72	49.15	51.82		51.84	0.022474	0.71	99.77	58.25	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)	
Confluenza	604	Tr 50	34.27	48.14	49.86		49.86	0.011850	0.38	108.16	88.91	0.09
Confluenza	604	Tr 100	40.67	48.14	50.00		50.01	0.011913	0.40	120.99	91.16	0.10
Confluenza	604	Tr 200	47.13	48.14	50.14		50.14	0.011891	0.42	133.41	93.21	0.10
Confluenza	604	Tr 500	55.72	48.14	50.30		50.30	0.012001	0.45	148.78	96.05	0.10
Confluenza	534	Tr 50	34.27	47.50	49.10		49.10	0.010023	0.33	124.82	112.03	0.09
Confluenza	534	Tr 100	40.67	47.50	49.25		49.25	0.009793	0.35	141.99	117.09	0.09
Confluenza	534	Tr 200	47.13	47.50	49.39		49.39	0.009649	0.36	159.02	123.66	0.09
Confluenza	534	Tr 500	55.72	47.50	49.56		49.57	0.009327	0.38	180.93	129.13	0.09
Confluenza	465	Tr 50	34.27	46.16	48.35		48.36	0.011411	0.44	101.52	77.32	0.10
Confluenza	465	Tr 100	40.67	46.16	48.52		48.53	0.011063	0.45	114.80	79.59	0.10
Confluenza	465	Tr 200	47.13	46.16	48.68		48.69	0.010820	0.47	127.42	81.68	0.10
Confluenza	465	Tr 500	55.72	46.16	48.87		48.88	0.010497	0.49	143.33	83.70	0.10
Confluenza	395	Tr 50	34.27	45.22	47.58		47.59	0.010678	0.45	98.65	67.78	0.09
Confluenza	395	Tr 100	40.67	45.22	47.77		47.78	0.010536	0.47	111.54	70.91	0.10
Confluenza	395	Tr 200	47.13	45.22	47.95		47.95	0.010219	0.48	124.17	72.72	0.09
Confluenza	395	Tr 500	55.72	45.22	48.16		48.17	0.009967	0.50	139.79	74.90	0.09
Confluenza	309	Tr 50	34.27	44.20	46.98		46.98	0.004998	0.34	131.16	74.95	0.07
Confluenza	309	Tr 100	40.67	44.20	47.15		47.16	0.005255	0.36	144.26	76.57	0.07
Confluenza	309	Tr 200	47.13	44.20	47.32		47.32	0.005520	0.38	157.04	79.11	0.07
Confluenza	309	Tr 500	55.72	44.20	47.51		47.52	0.005870	0.41	172.92	82.52	0.07
Confluenza	234	Tr 50	34.27	44.15	46.15	45.06	46.17	0.037873	0.73	60.93	57.50	0.17
Confluenza	234	Tr 100	40.67	44.15	46.29	45.14	46.31	0.037826	0.76	69.33	60.53	0.17
Confluenza	234	Tr 200	47.13	44.15	46.43	45.22	46.45	0.037499	0.79	77.55	62.94	0.17
Confluenza	234	Tr 500	55.72	44.15	46.59	45.38	46.61	0.036880	0.83	87.73	64.36	0.18
Confluenza	221	Tr 50	34.27	43.82	45.59		45.61	0.050618	0.80	56.63	52.47	0.20
Confluenza	221	Tr 100	40.67	43.82	45.75		45.77	0.048052	0.82	65.04	55.05	0.19
Confluenza	221	Tr 200	47.13	43.82	45.90		45.92	0.046012	0.85	73.25	57.37	0.19
Confluenza	221	Tr 500	55.72	43.82	46.07		46.10	0.043741	0.87	83.61	59.67	0.19
Confluenza	190	Tr 50	34.27	41.98	44.56		44.58	0.024539	0.71	66.13	47.90	0.14
Confluenza	190	Tr 100	40.67	41.98	44.73	43.33	44.75	0.024937	0.75	74.36	49.89	0.15
Confluenza	190	Tr 200	47.13	41.98	44.88	43.46	44.90	0.025298	0.78	82.28	51.80	0.15
Confluenza	190	Tr 500	55.72	41.98	45.07		45.10	0.025667	0.82	92.34	54.05	0.15
Confluenza	27	Tr 50	34.27	38.85	40.56	39.50	40.57	0.024482	0.55	76.71	66.32	0.14
Confluenza	27	Tr 100	40.67	38.85	40.70	39.55	40.71	0.024460	0.58	86.00	67.73	0.14
Confluenza	27	Tr 200	47.13	38.85	40.83	39.60	40.84	0.024461	0.60	94.80	68.94	0.14
Confluenza	27	Tr 500	55.72	38.85	40.99	39.66	41.00	0.024469	0.64	105.85	70.32	0.14

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 13 : Rio Filibertu – Rio San Gavino

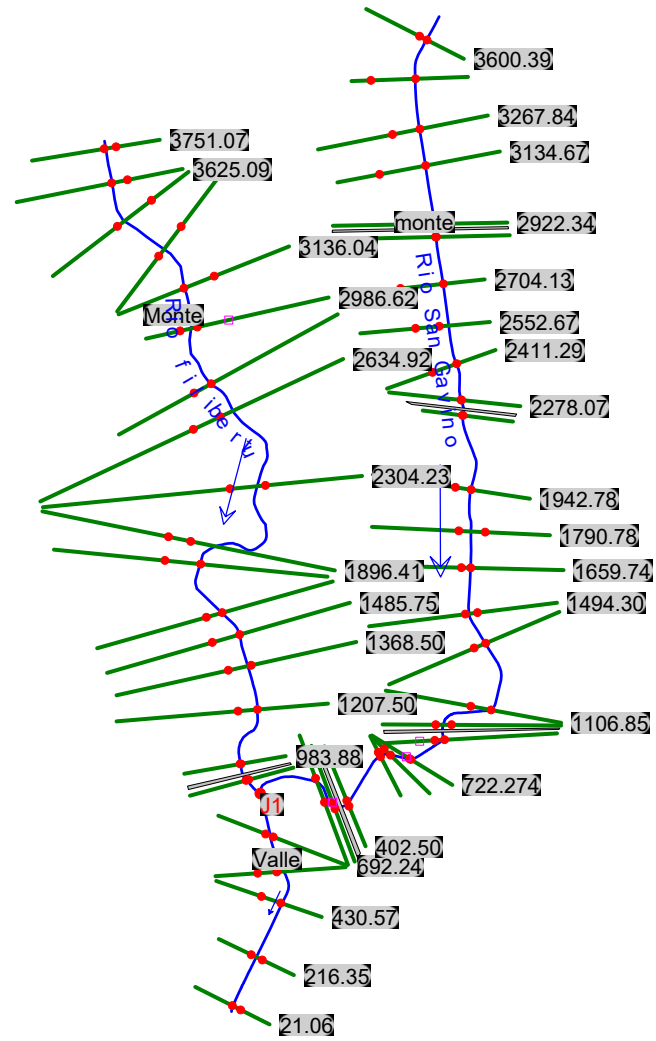
Componenti:

Rio Filibertu
Rio San Gavino

- 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;

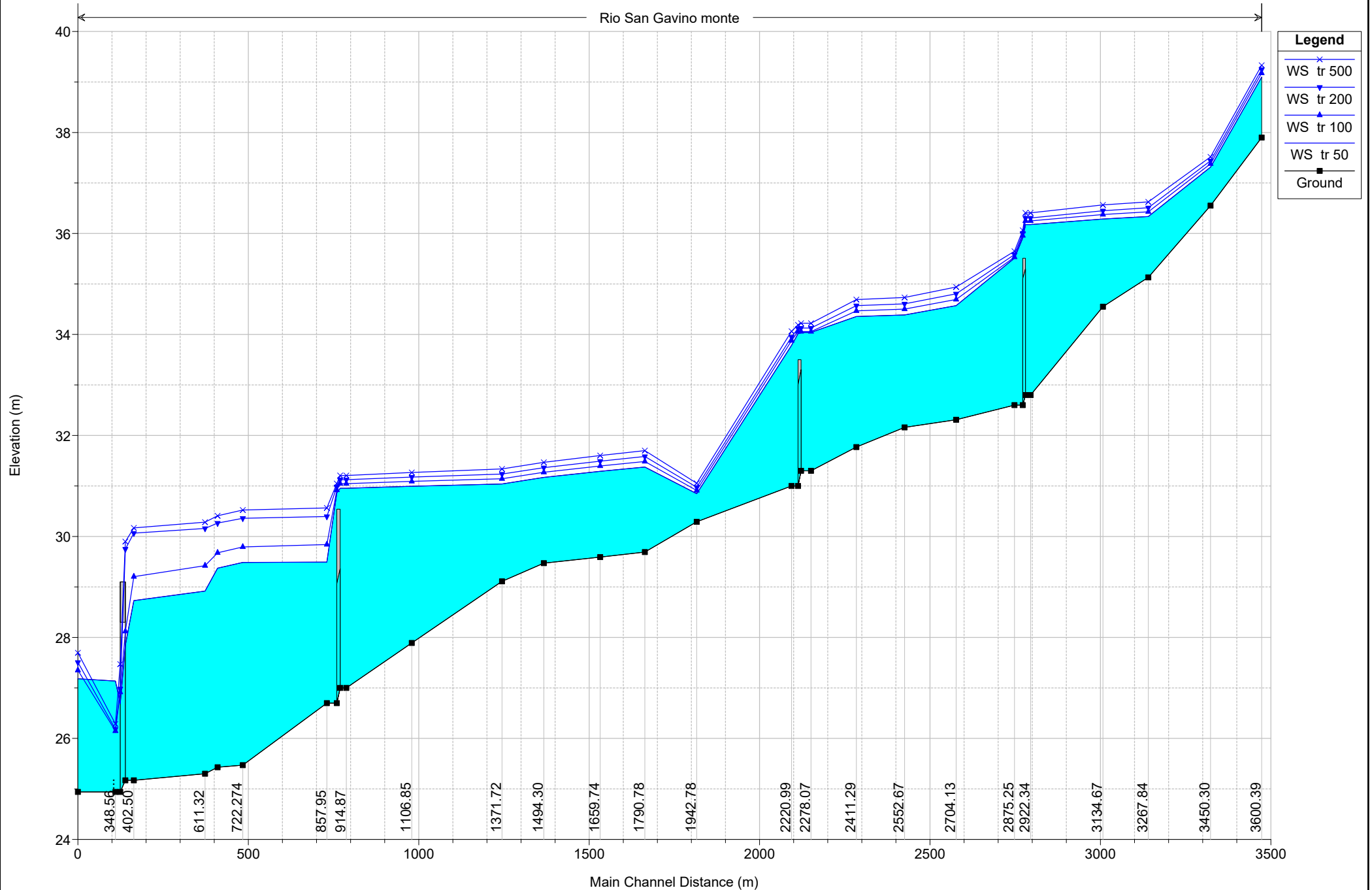
River	Reach	RS	PORTATE mc/s			
			tr 50	tr 100	tr 200	tr 500
Rio filibertu	Monte	3751.07	135.514	160.655	185.994	219.696
Rio filibertu	Valle	692.24	314.363	370.759	427.423	502.557
Rio San Gavino	monte	3600.39	219.179	258.335	297.666	349.806

River	Reach	PROFILI	condizioni al contorno	
			upstream	downstream
Rio filibertu	Monte	all	Critical Depth	Junction=J1
Rio filibertu	Valle	all	Junction=J1	Normal Depth S = 0.007
Rio San Gavino	monte	all	Critical Depth	Junction=J1



08022016 Plan: Plan 02 2/9/2021

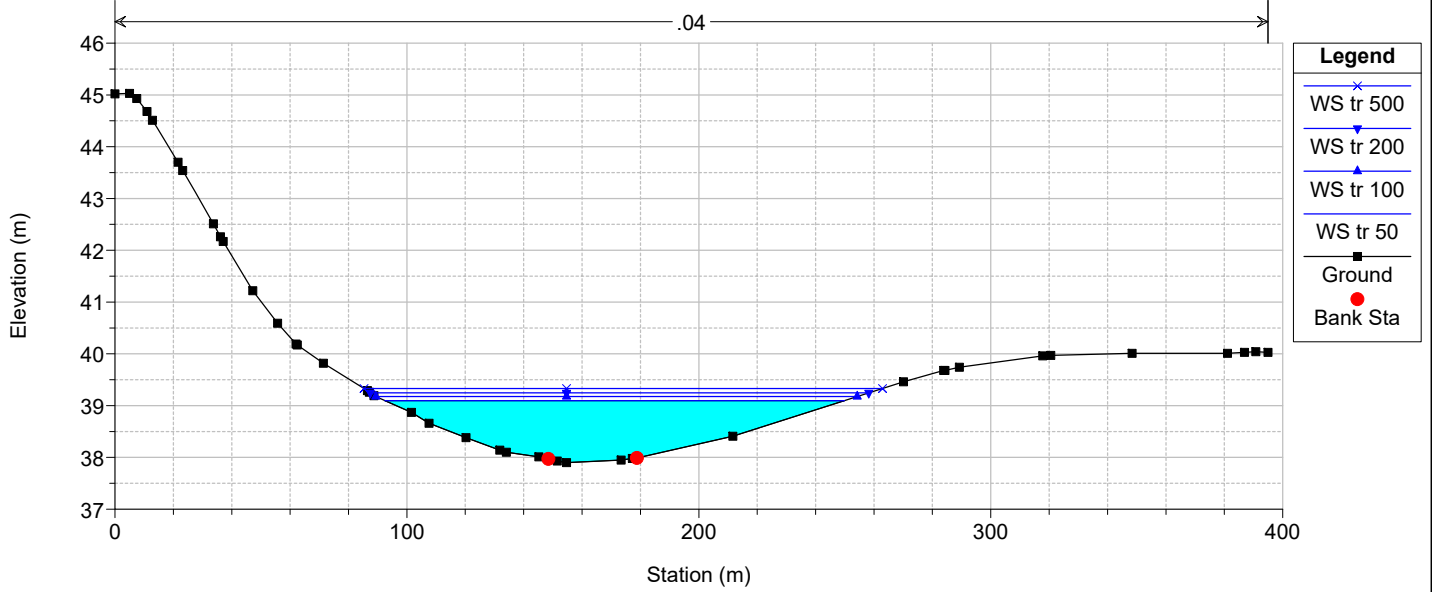
Geom: 08022016 Flow: 09022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

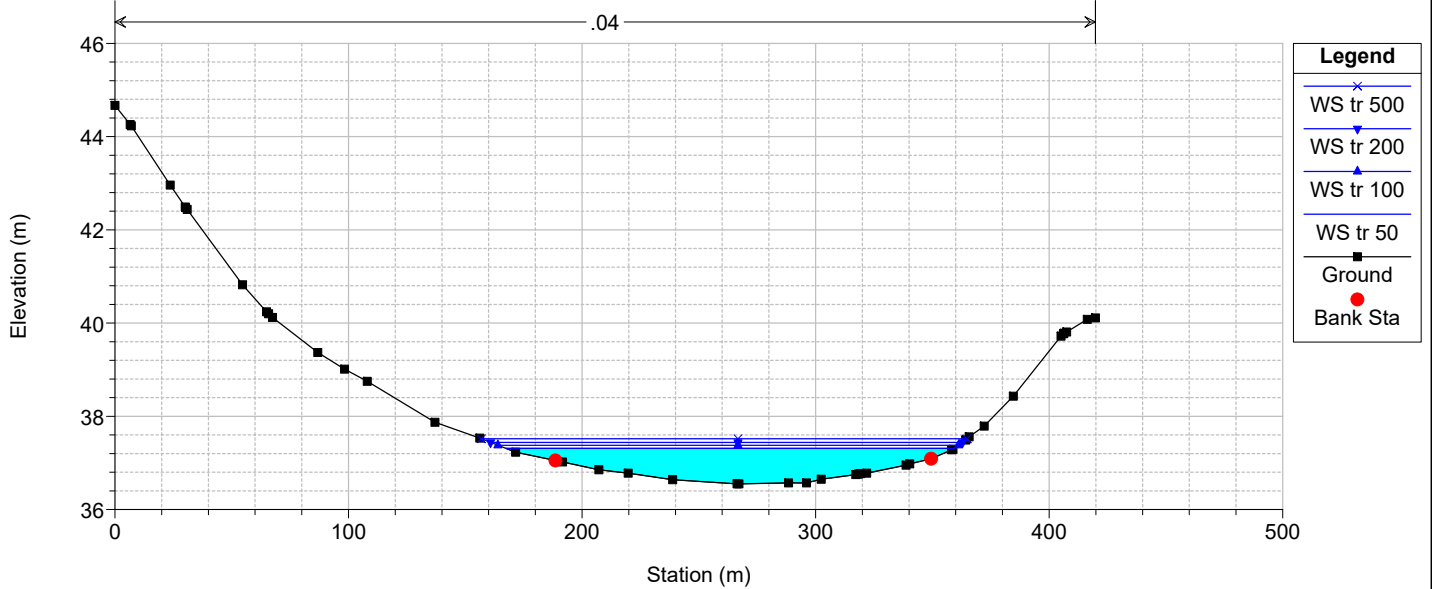
River = Rio San Gavino Reach = monte RS = 3600.39 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

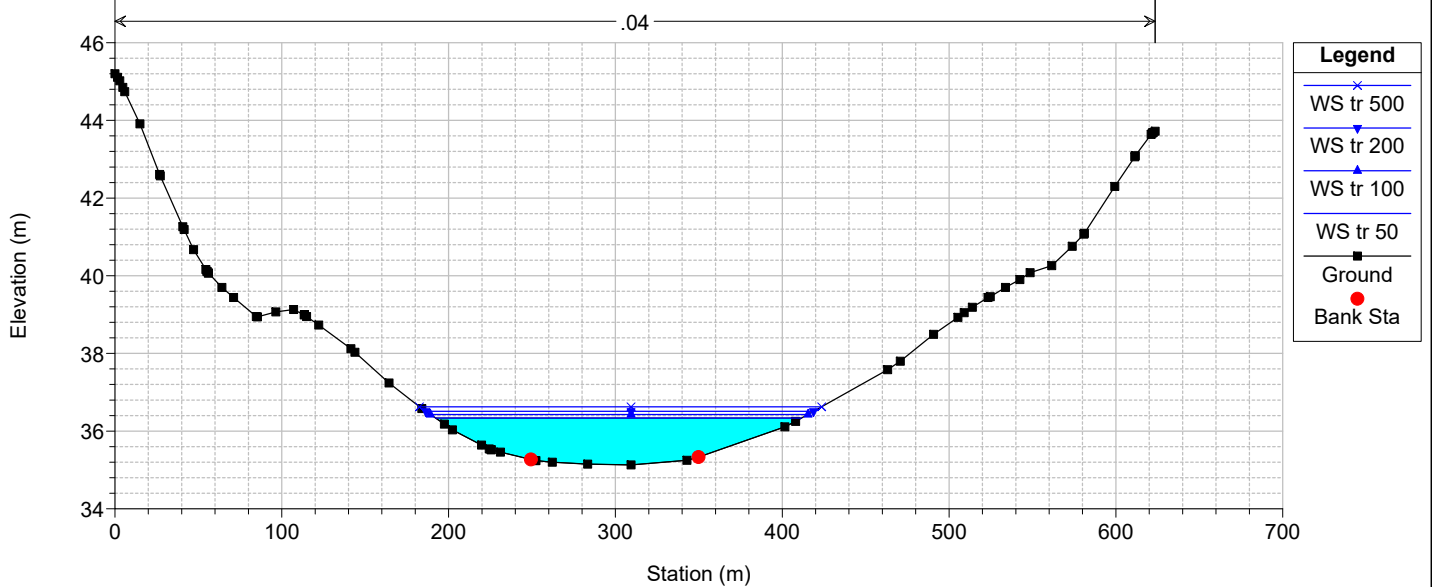
River = Rio San Gavino Reach = monte RS = 3450.30 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

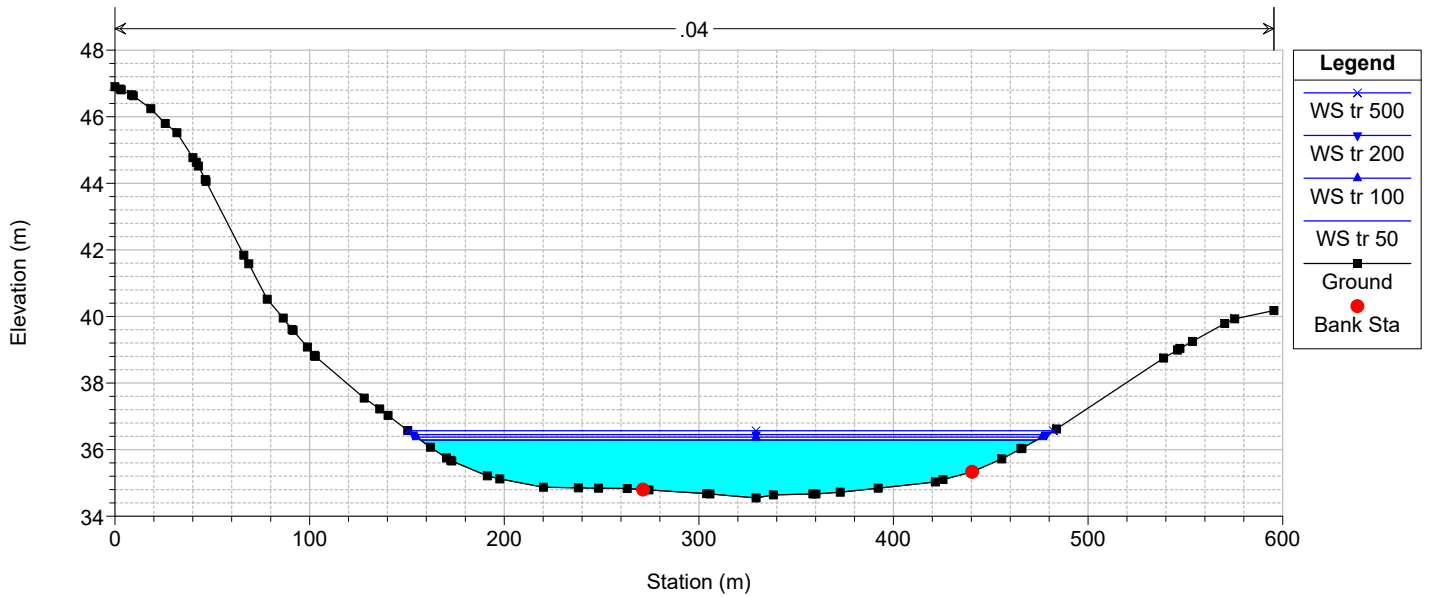
River = Rio San Gavino Reach = monte RS = 3267.84 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

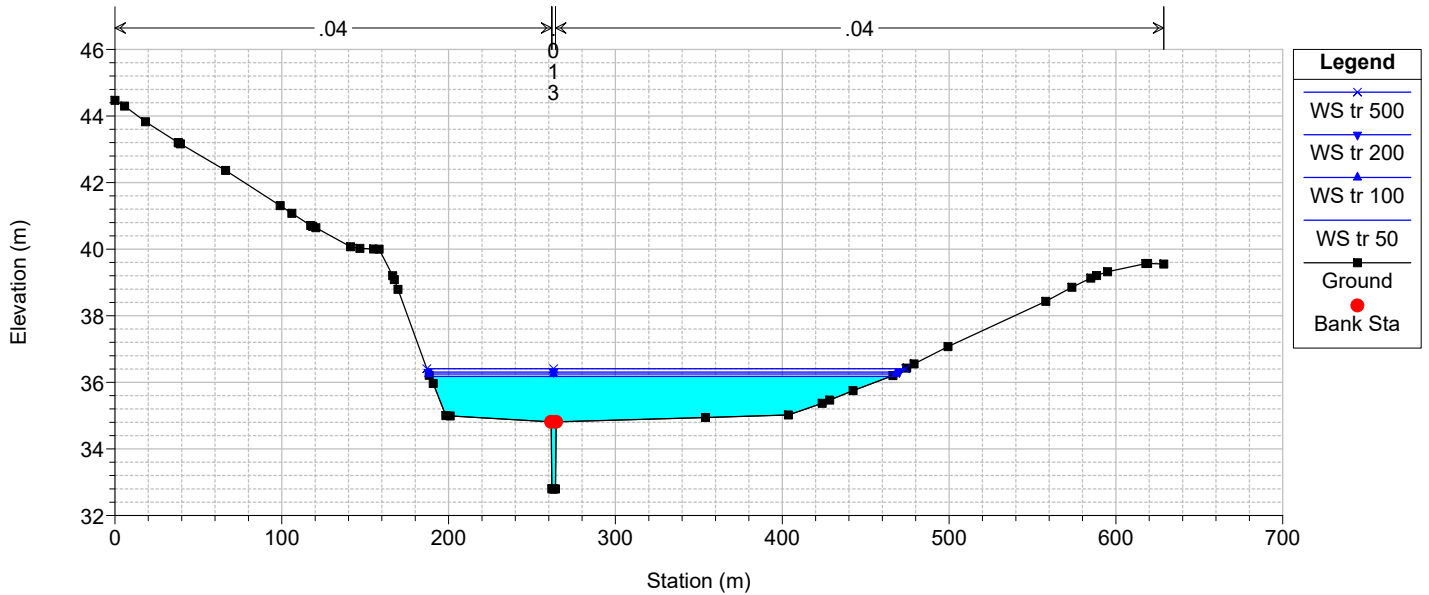
River = Rio San Gavino Reach = monte RS = 3134.67 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

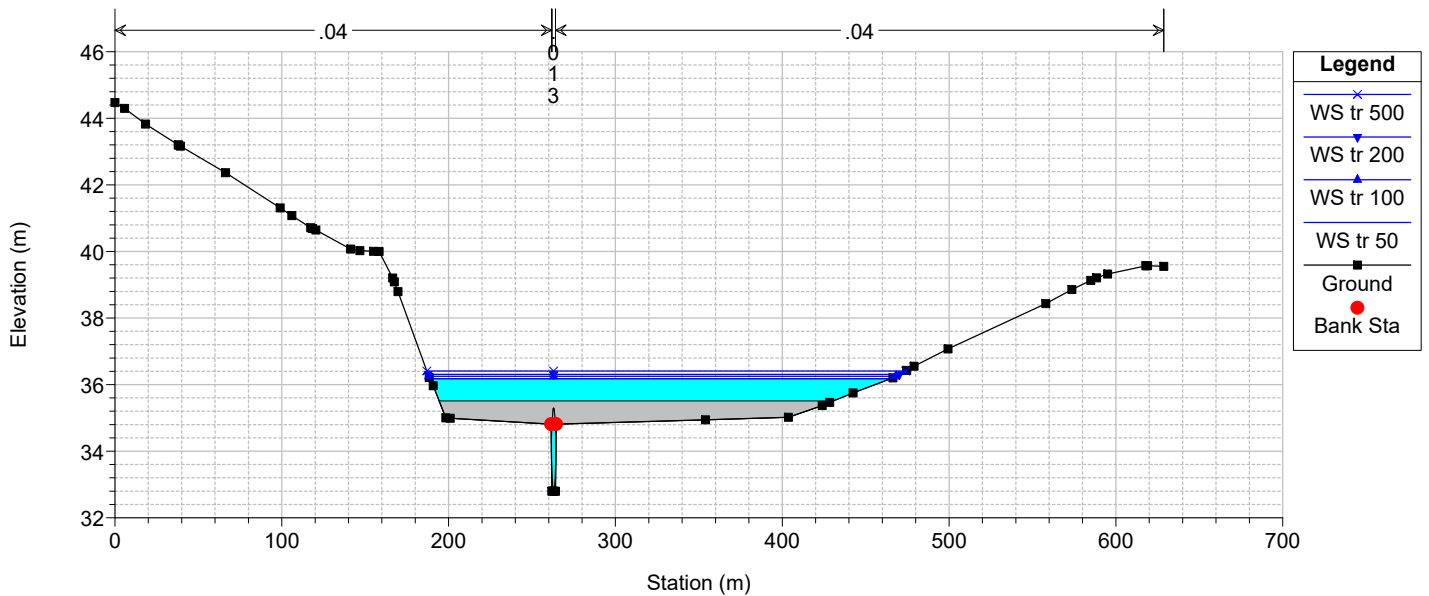
River = Rio San Gavino Reach = monte RS = 2922.34 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

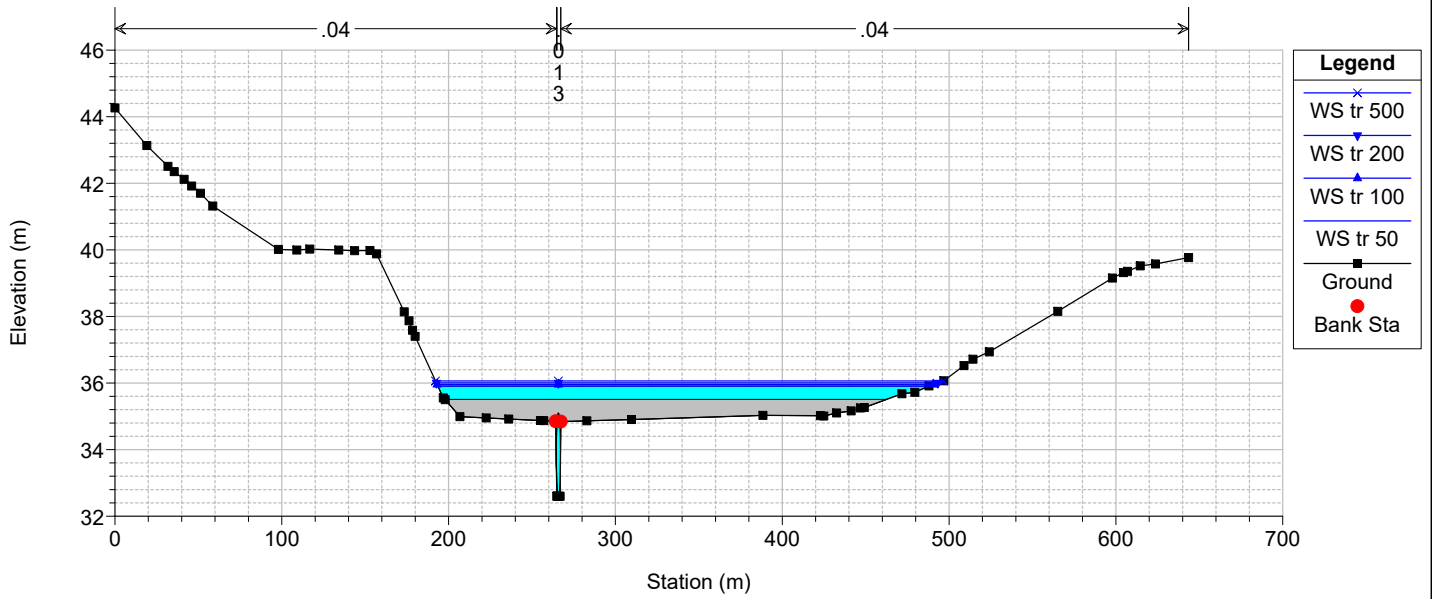
River = Rio San Gavino Reach = monte RS = 2893.46 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

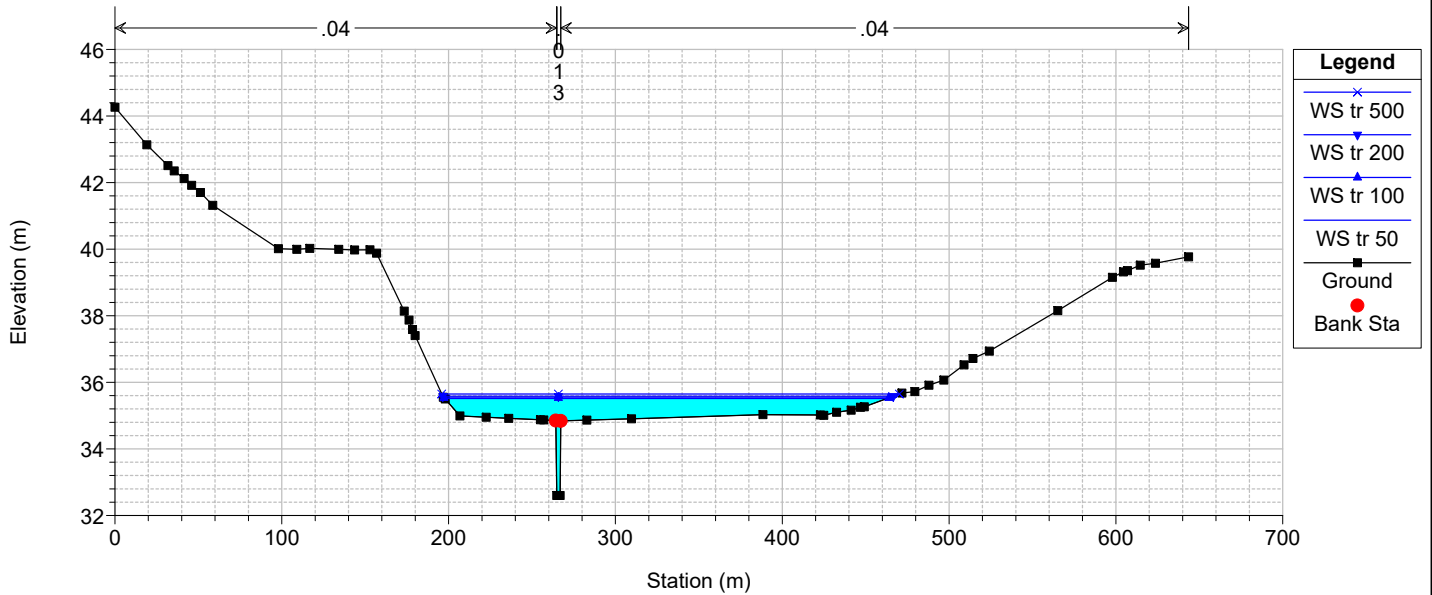
River = Rio San Gavino Reach = monte RS = 2893.46 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

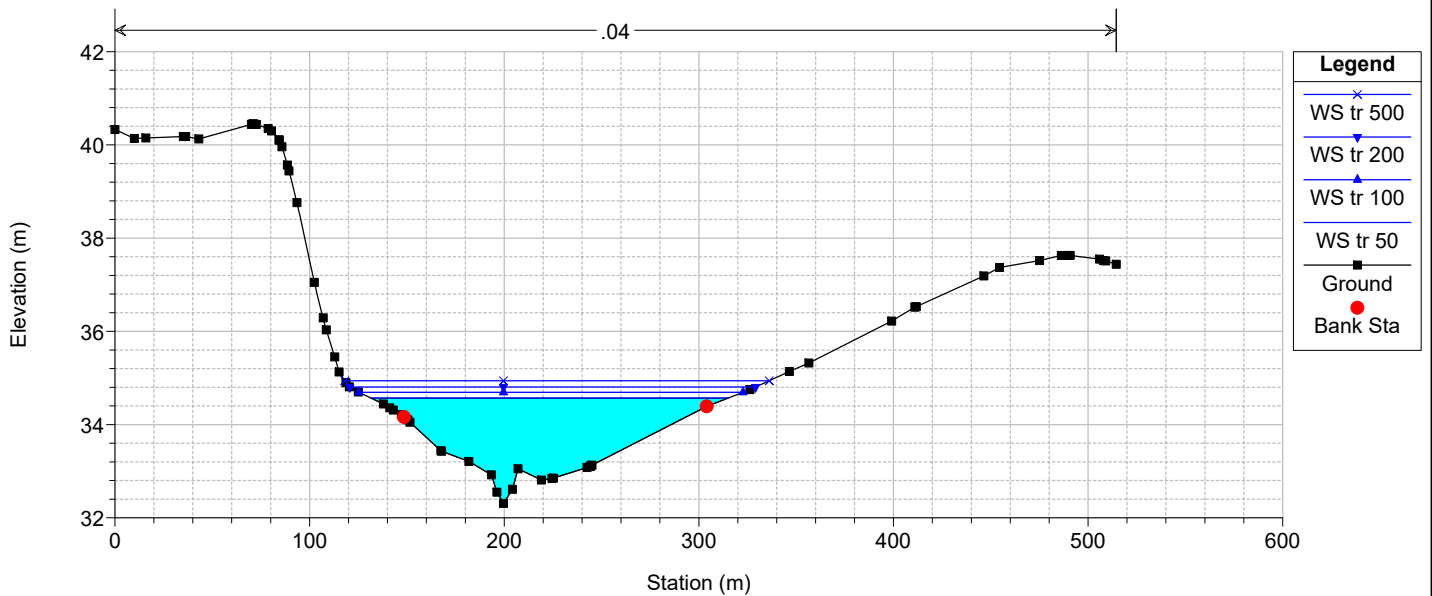
River = Rio San Gavino Reach = monte RS = 2875.25 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

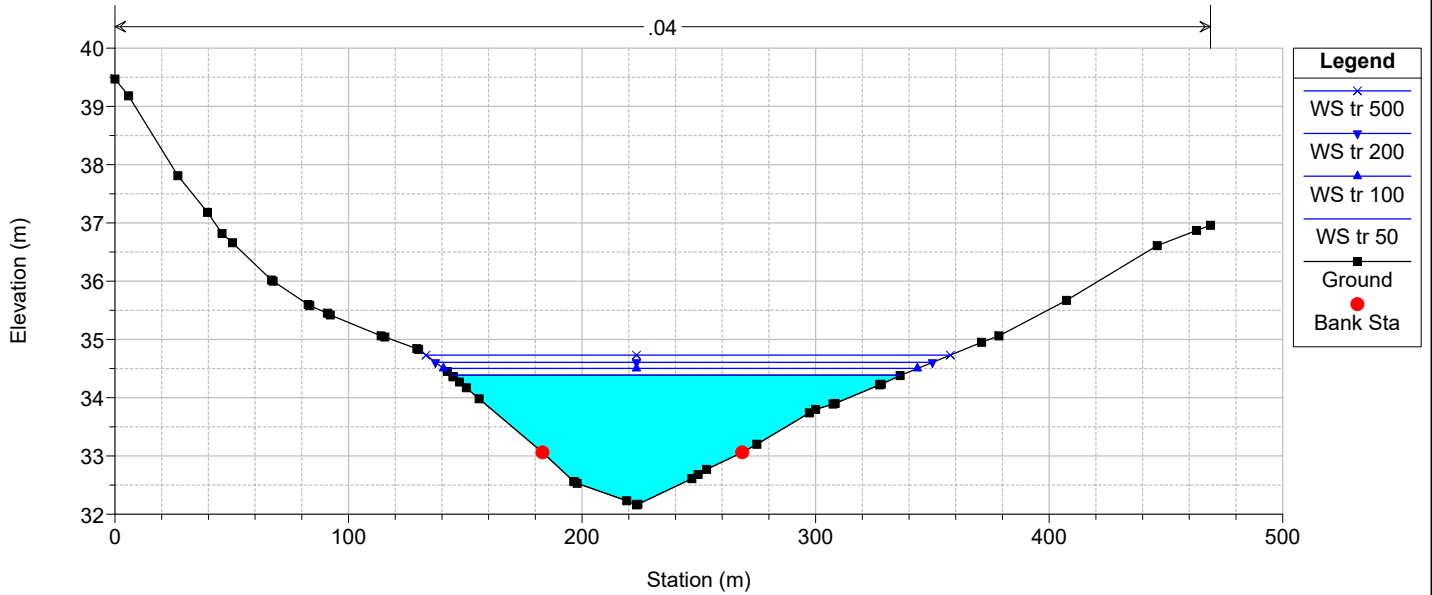
River = Rio San Gavino Reach = monte RS = 2704.13 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

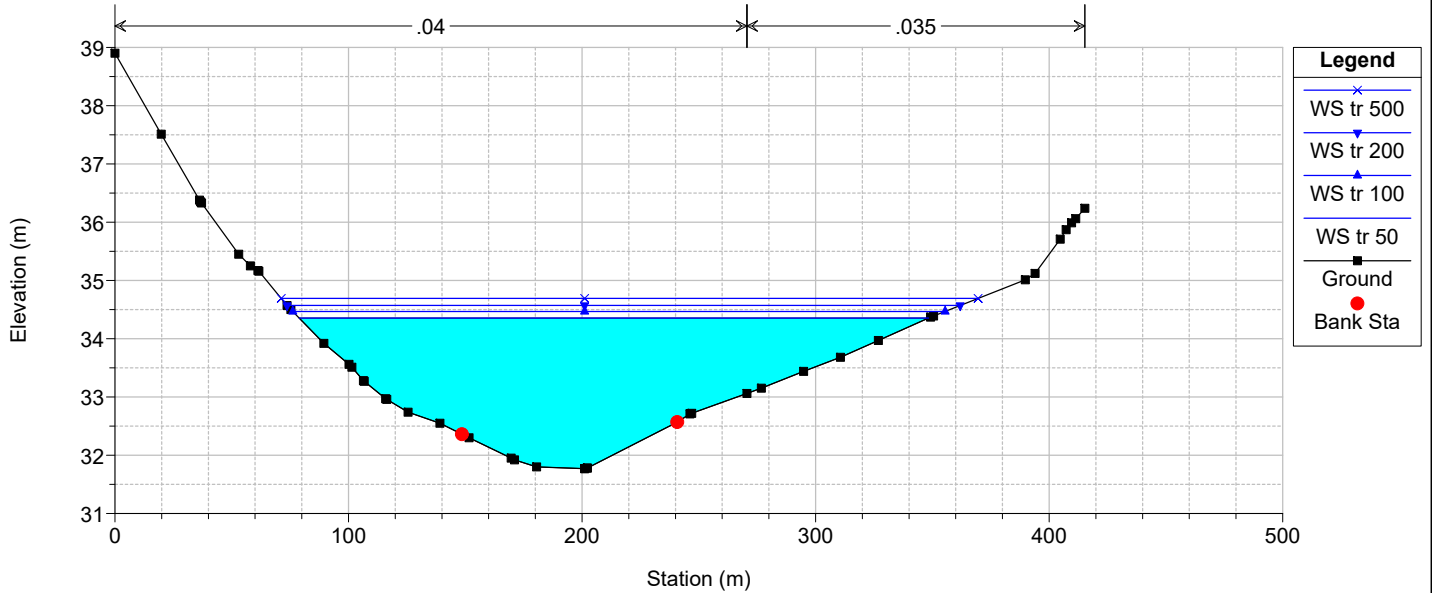
River = Rio San Gavino Reach = monte RS = 2552.67 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

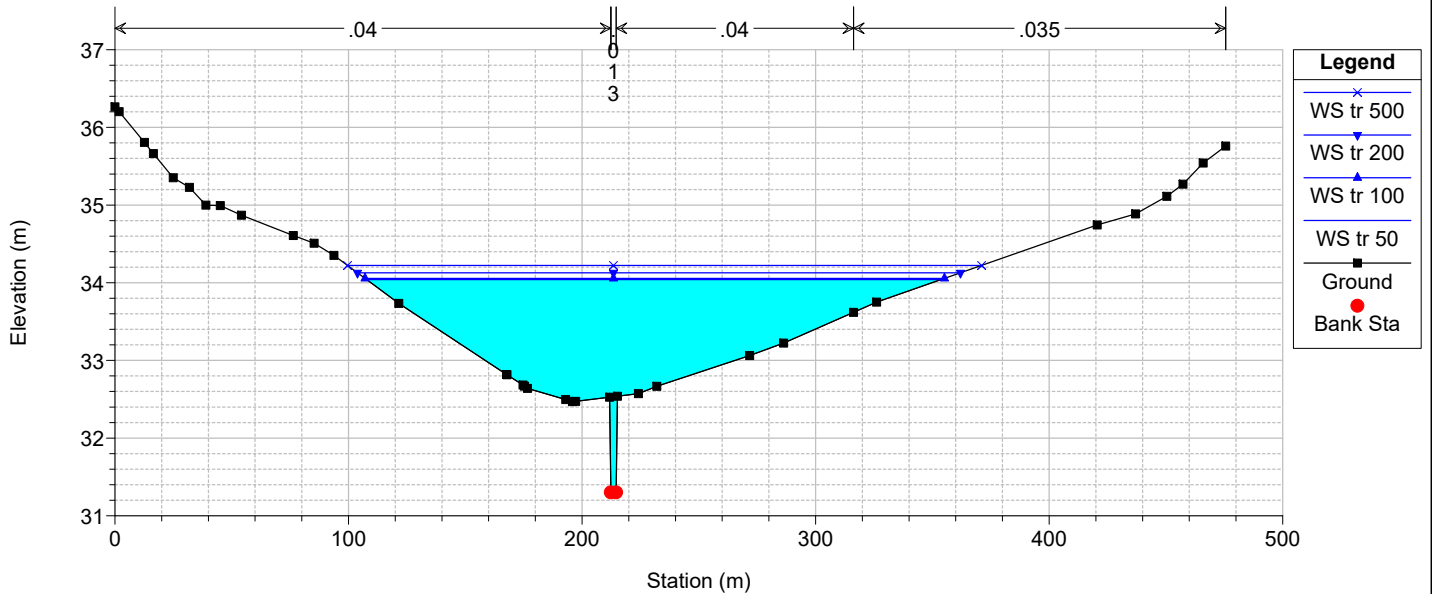
River = Rio San Gavino Reach = monte RS = 2411.29 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

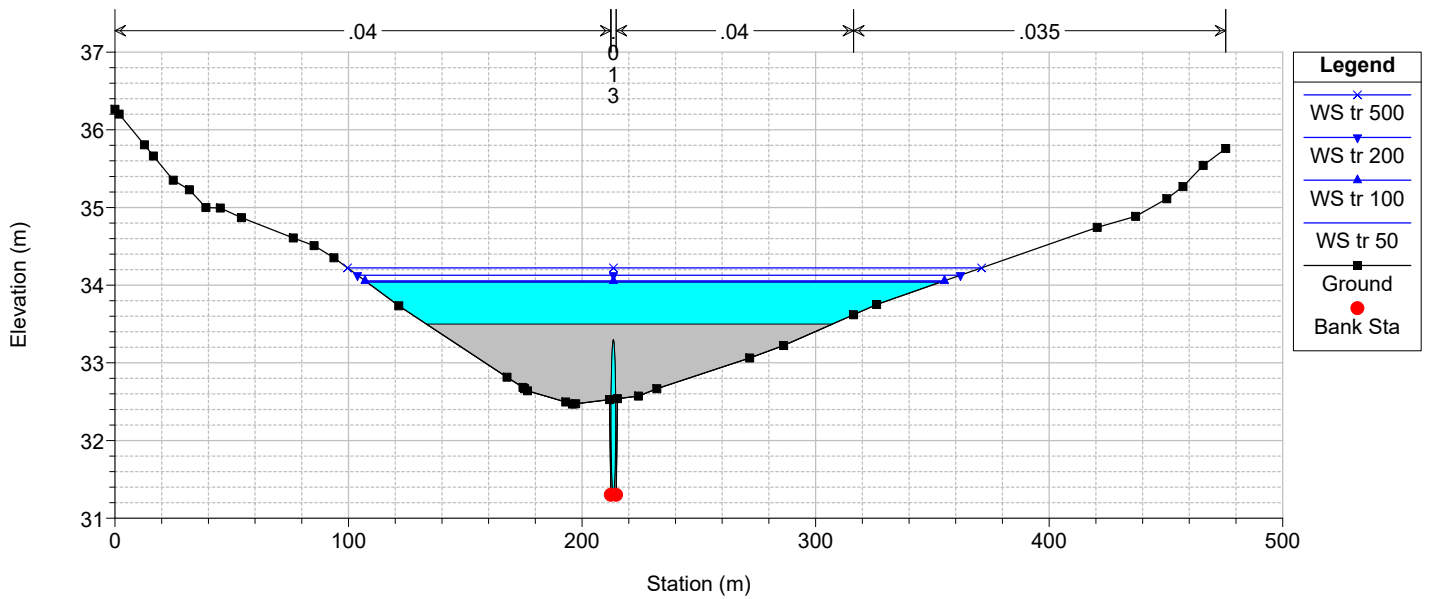
River = Rio San Gavino Reach = monte RS = 2278.07 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

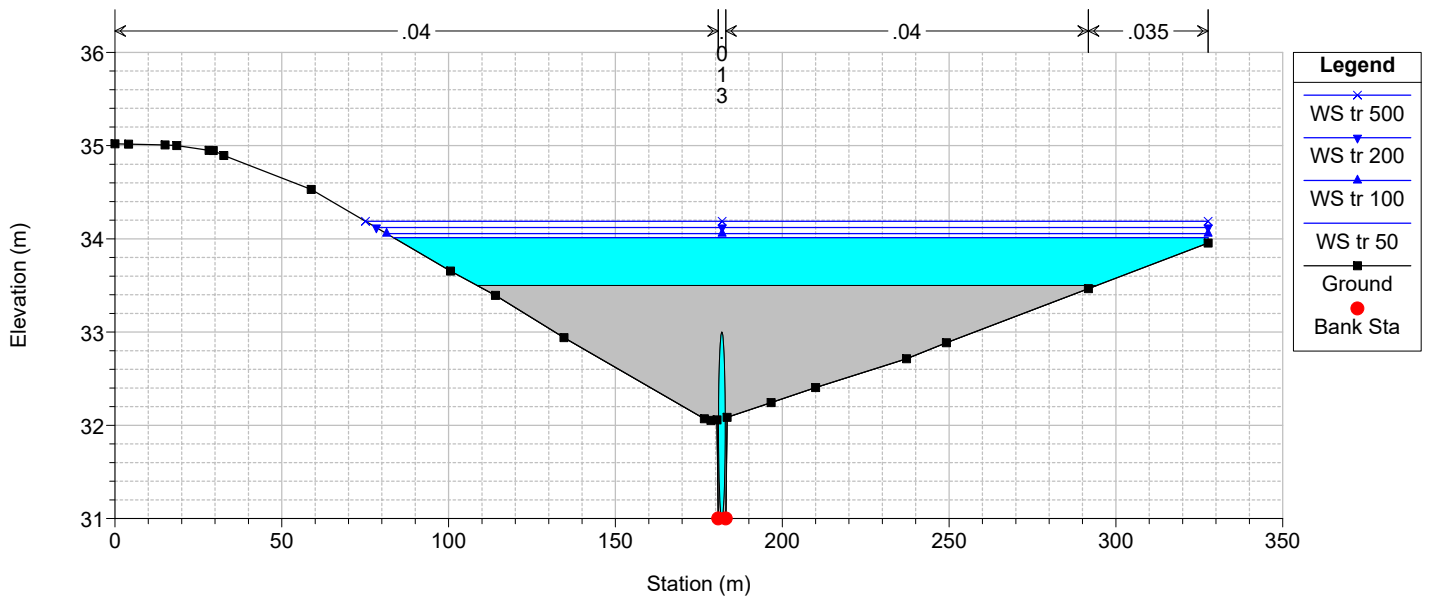
River = Rio San Gavino Reach = monte RS = 2237.09 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

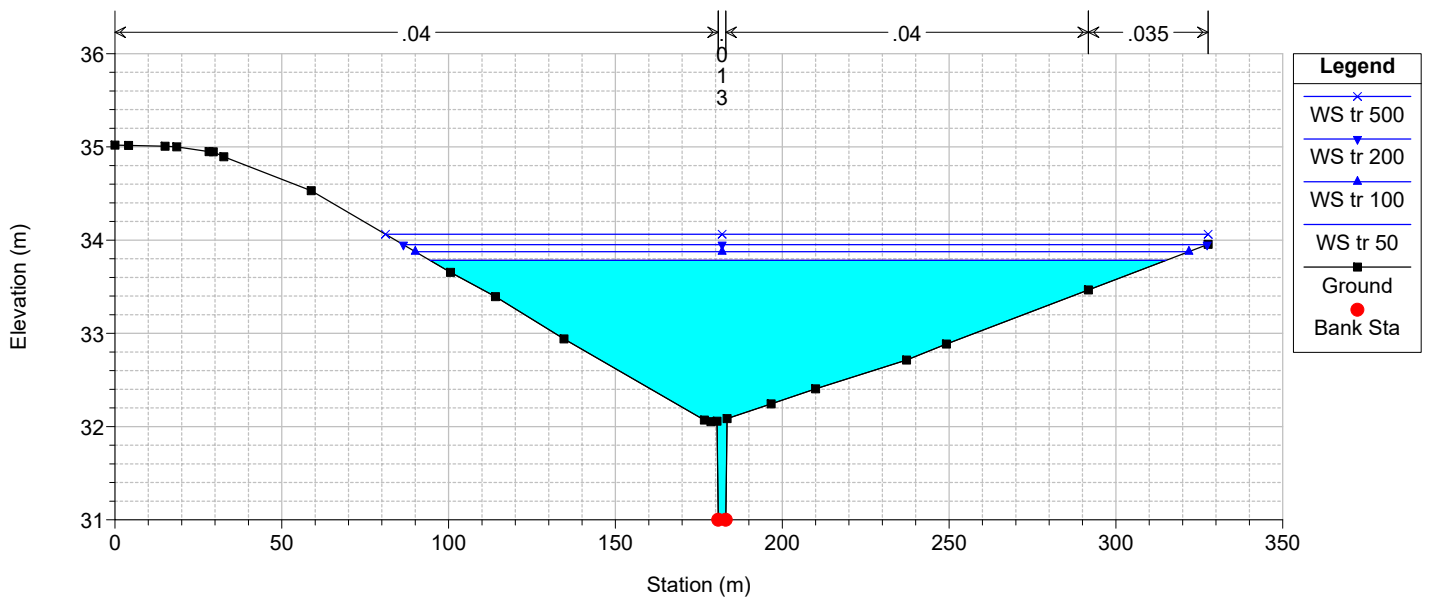
River = Rio San Gavino Reach = monte RS = 2237.09 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

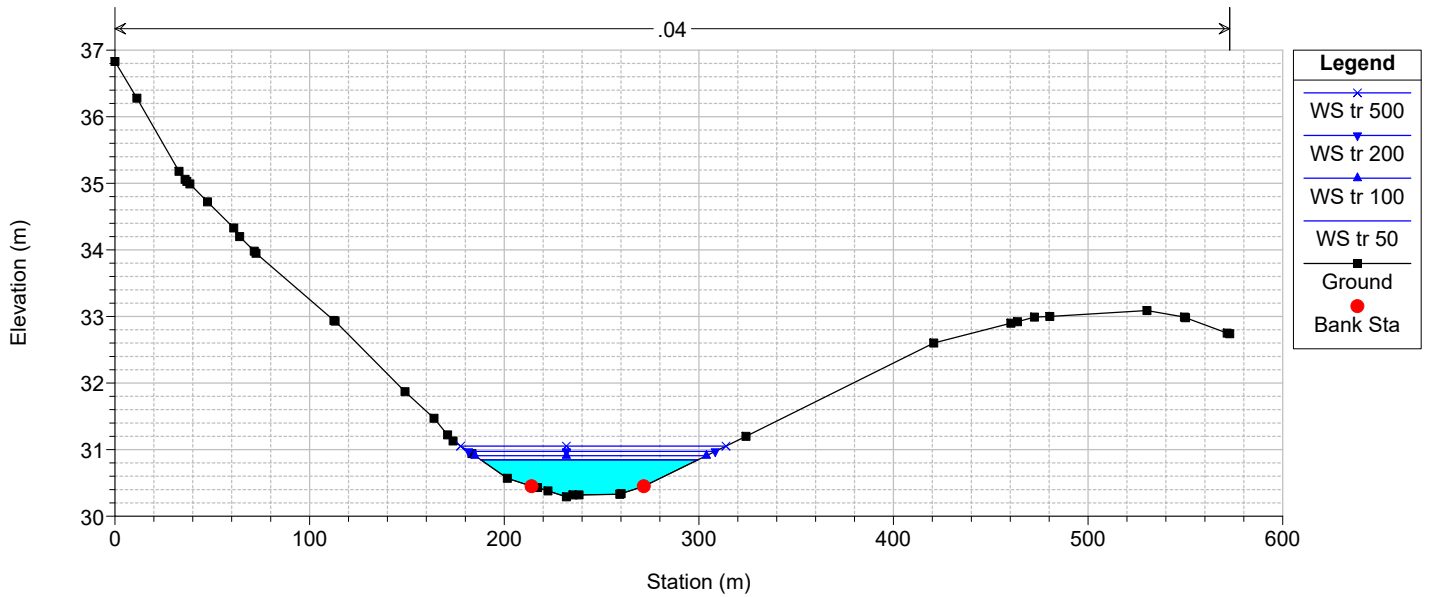
River = Rio San Gavino Reach = monte RS = 2220.99 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

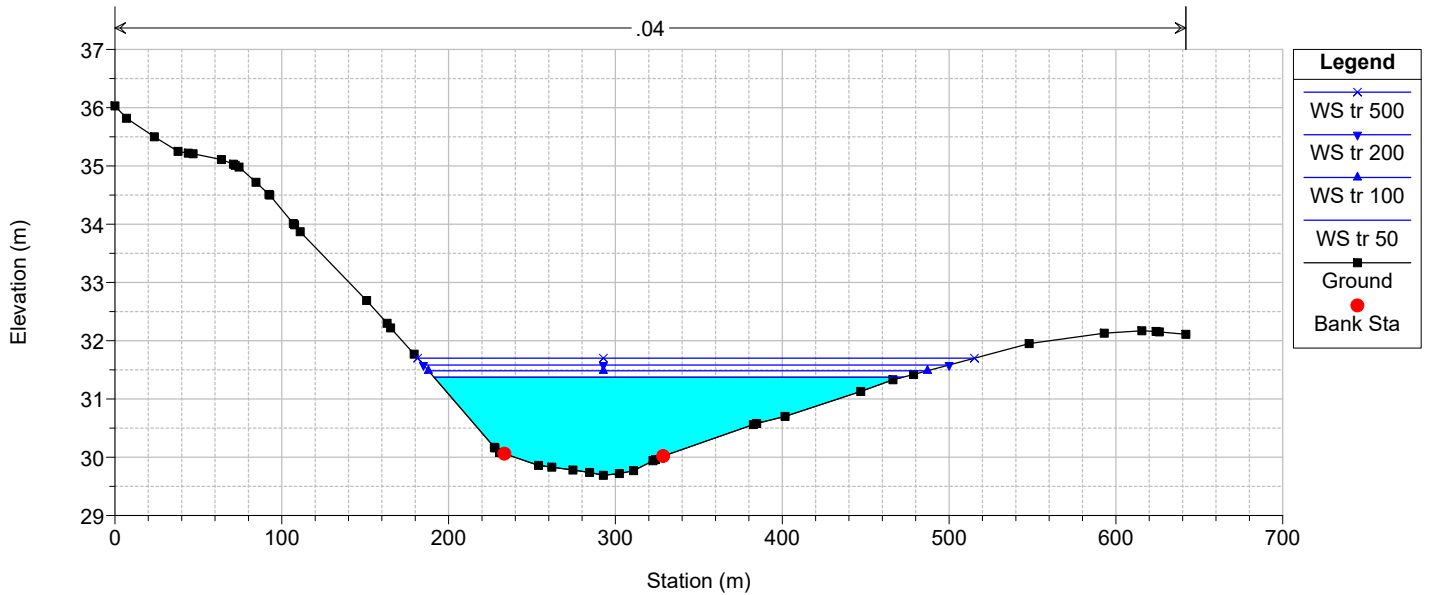
River = Rio San Gavino Reach = monte RS = 1942.78 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

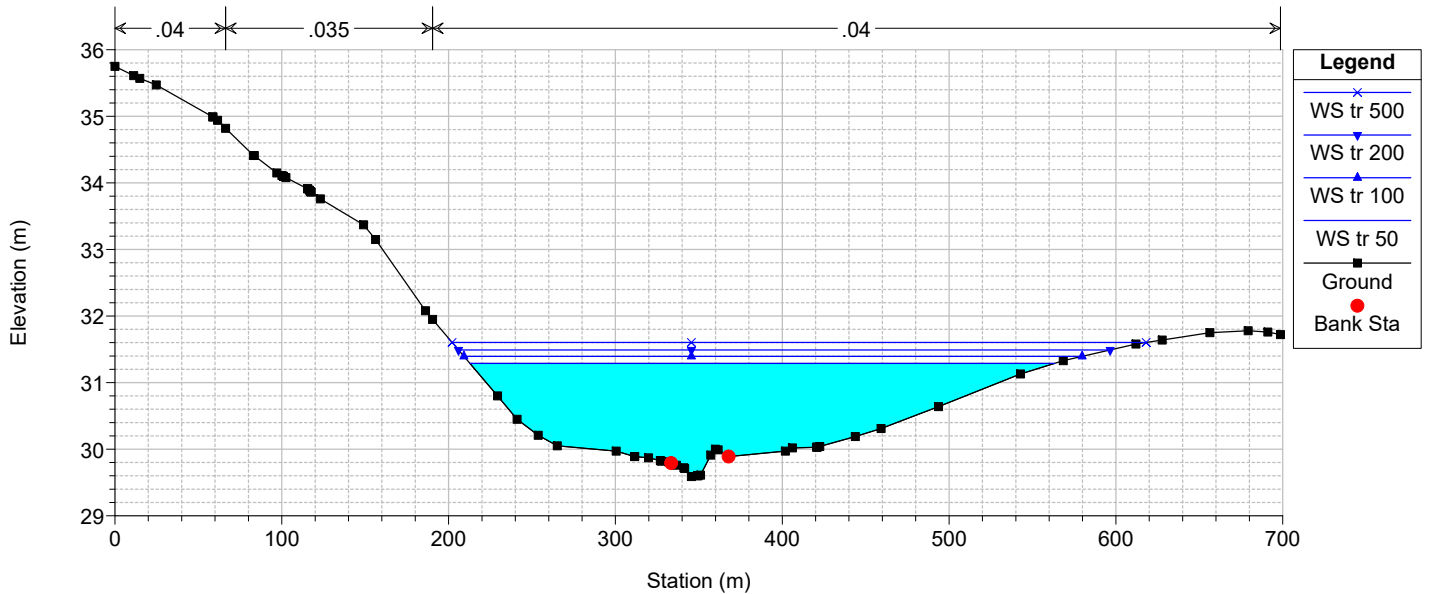
River = Rio San Gavino Reach = monte RS = 1790.78 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

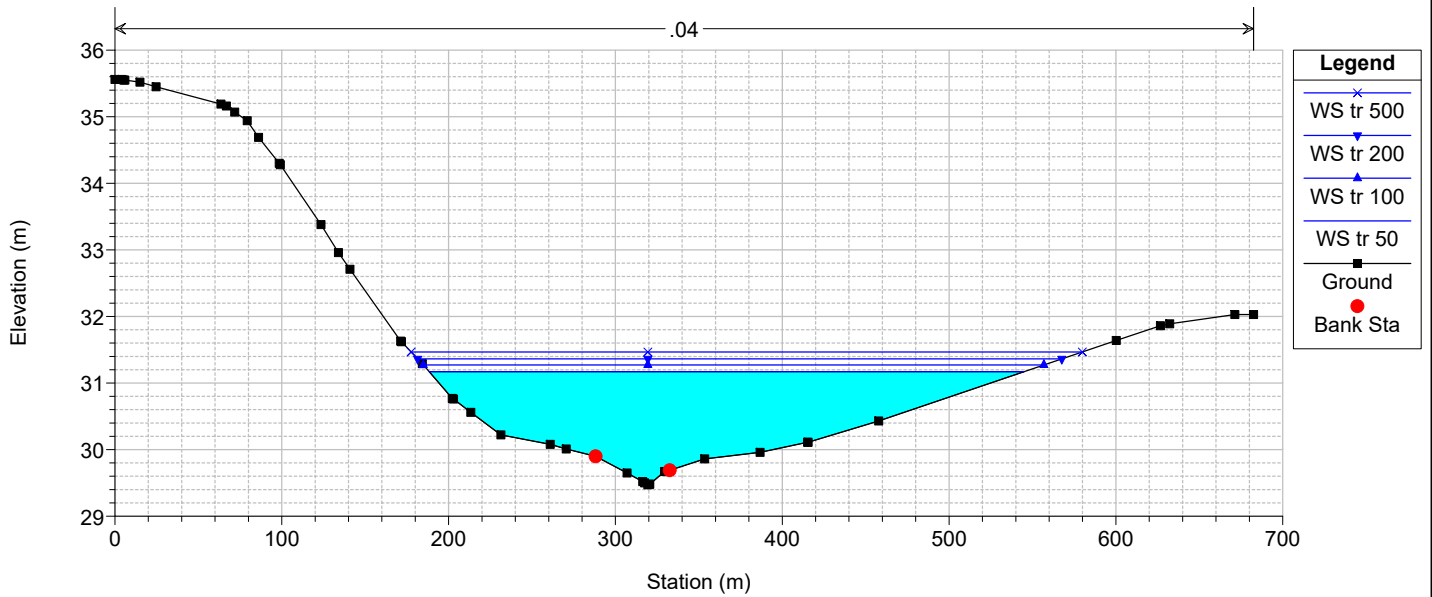
River = Rio San Gavino Reach = monte RS = 1659.74 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

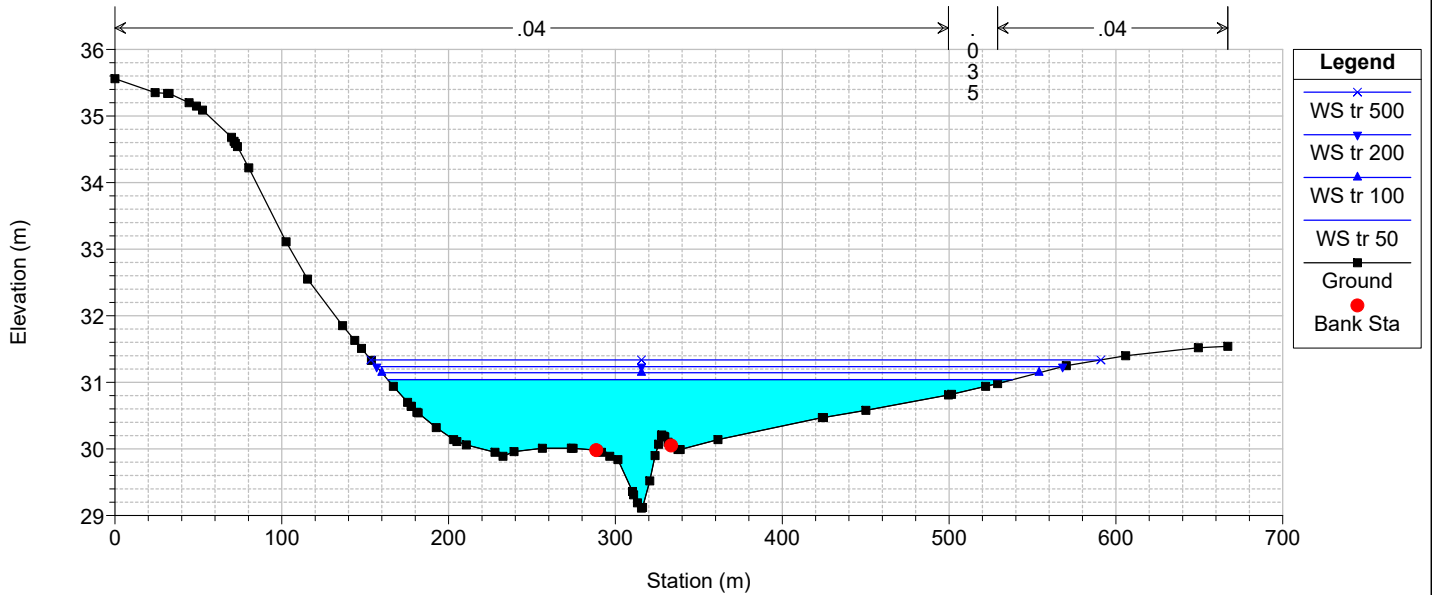
River = Rio San Gavino Reach = monte RS = 1494.30 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

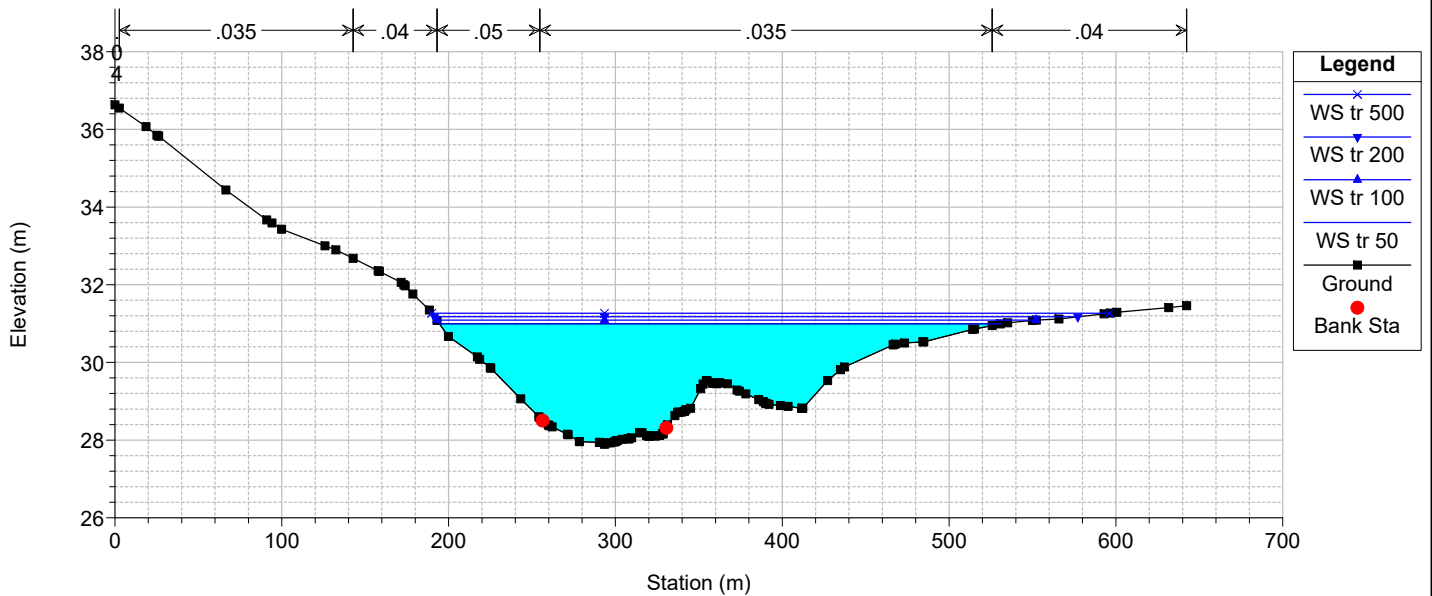
River = Rio San Gavino Reach = monte RS = 1371.72 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

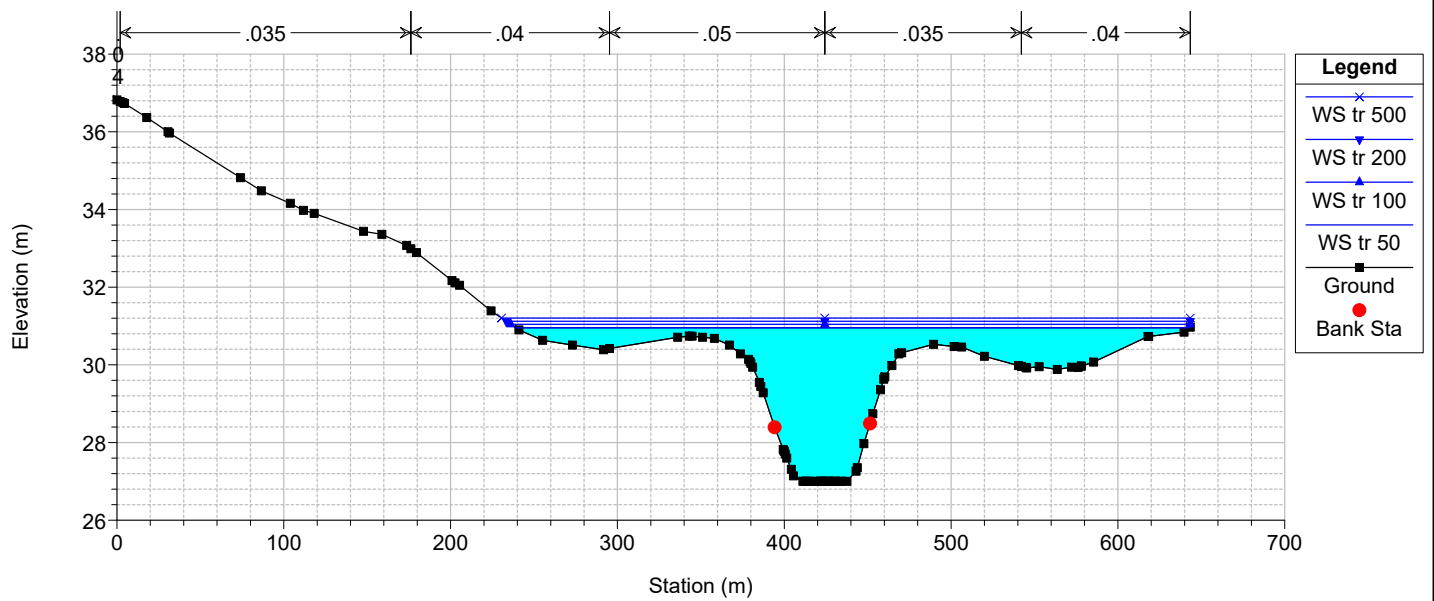
River = Rio San Gavino Reach = monte RS = 1106.85 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

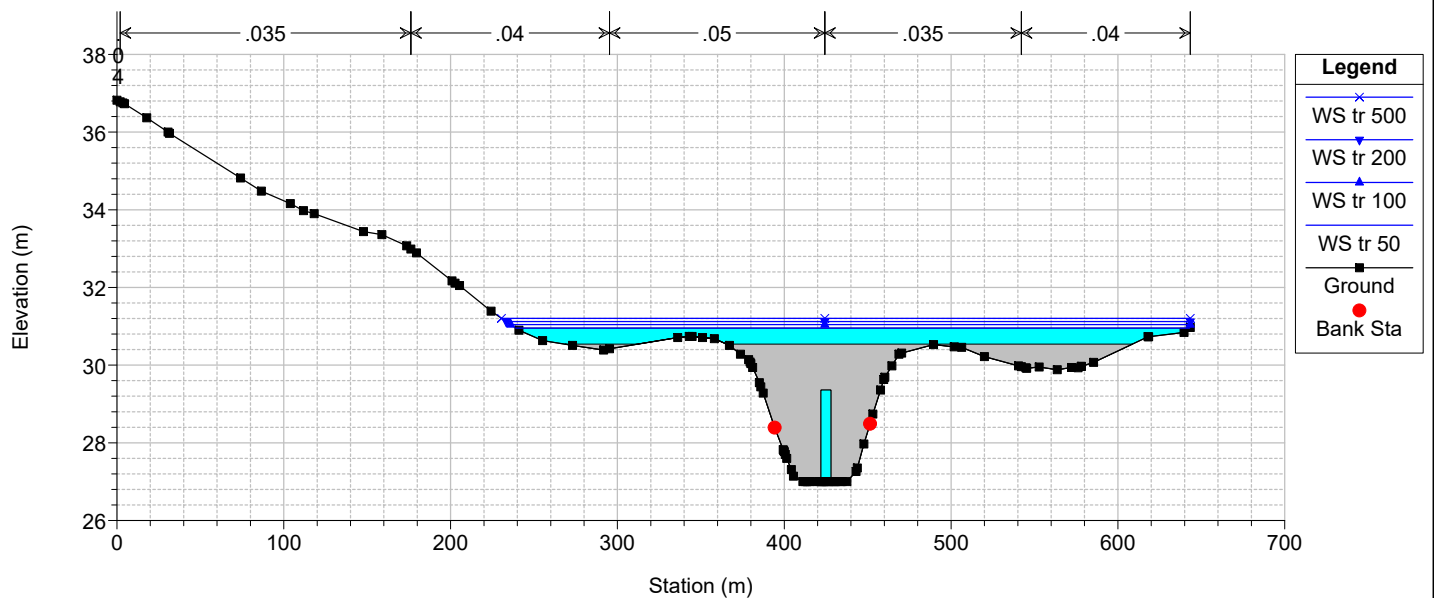
River = Rio San Gavino Reach = monte RS = 914.87 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

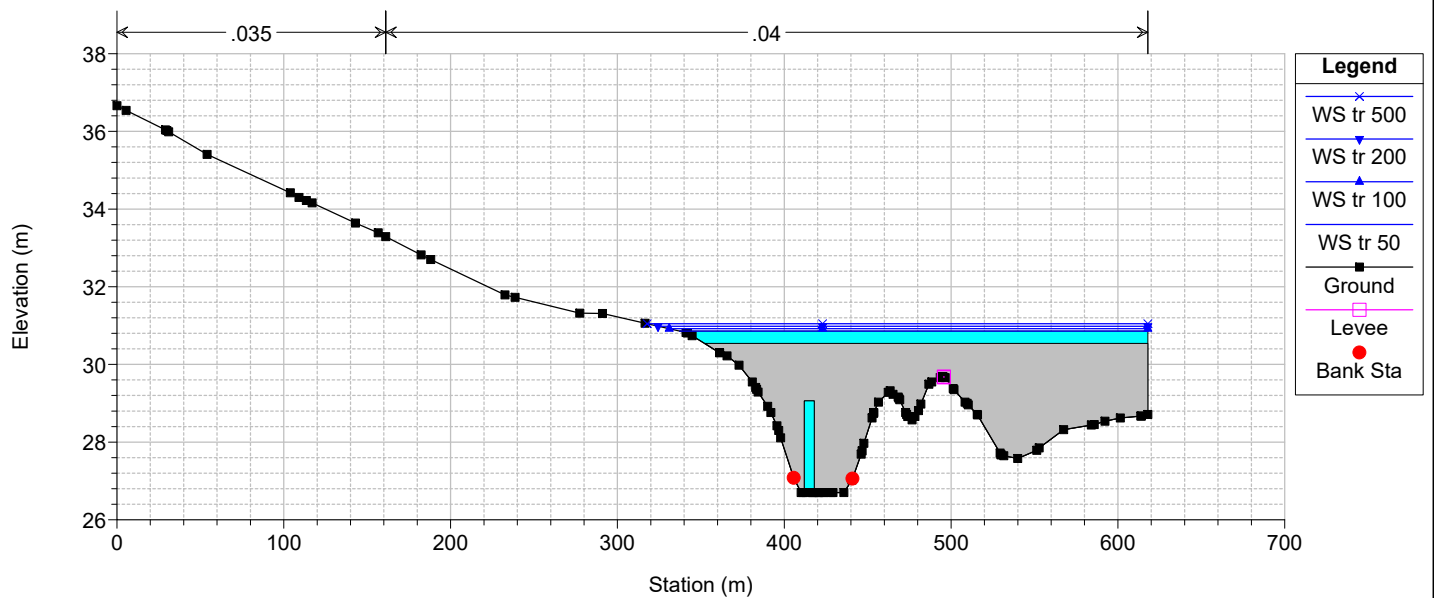
River = Rio San Gavino Reach = monte RS = 885 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

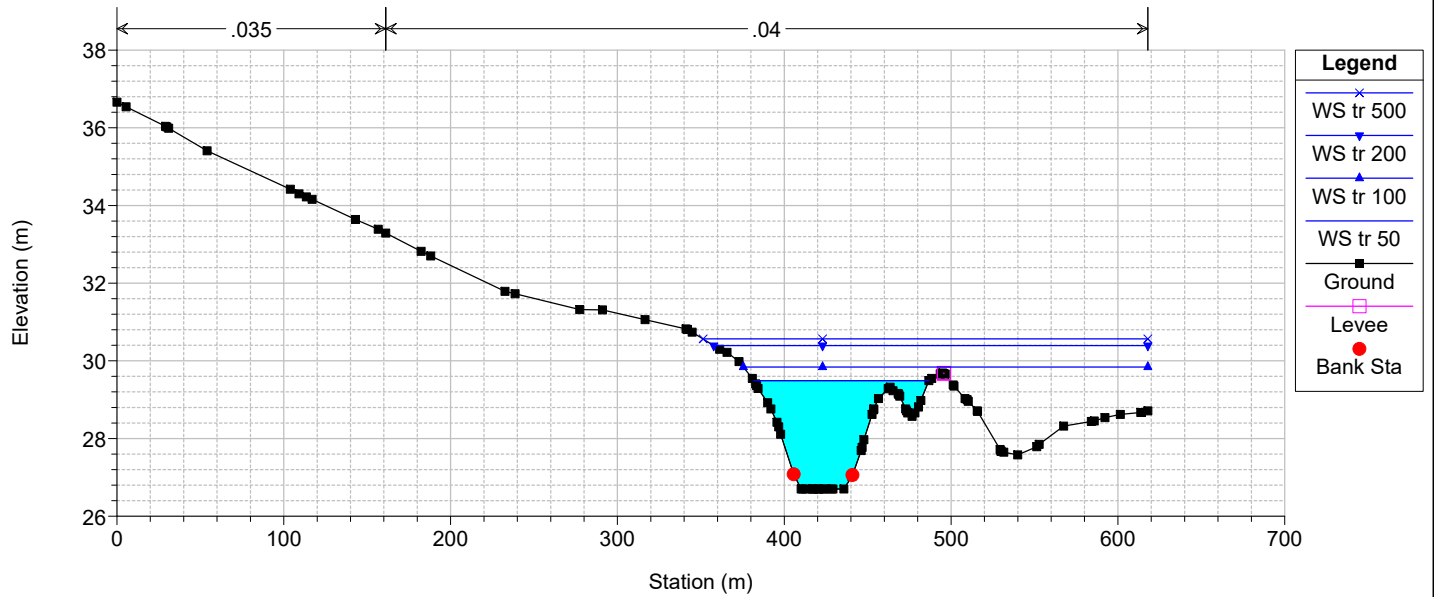
River = Rio San Gavino Reach = monte RS = 885 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

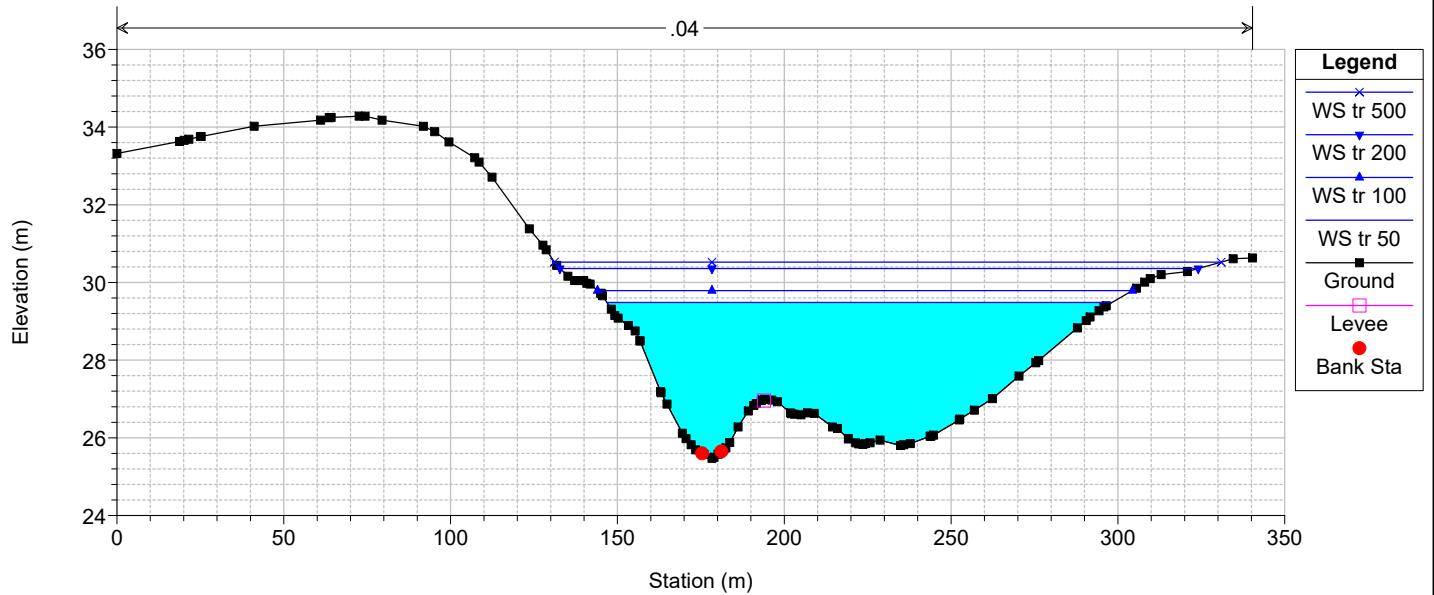
River = Rio San Gavino Reach = monte RS = 857.95 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

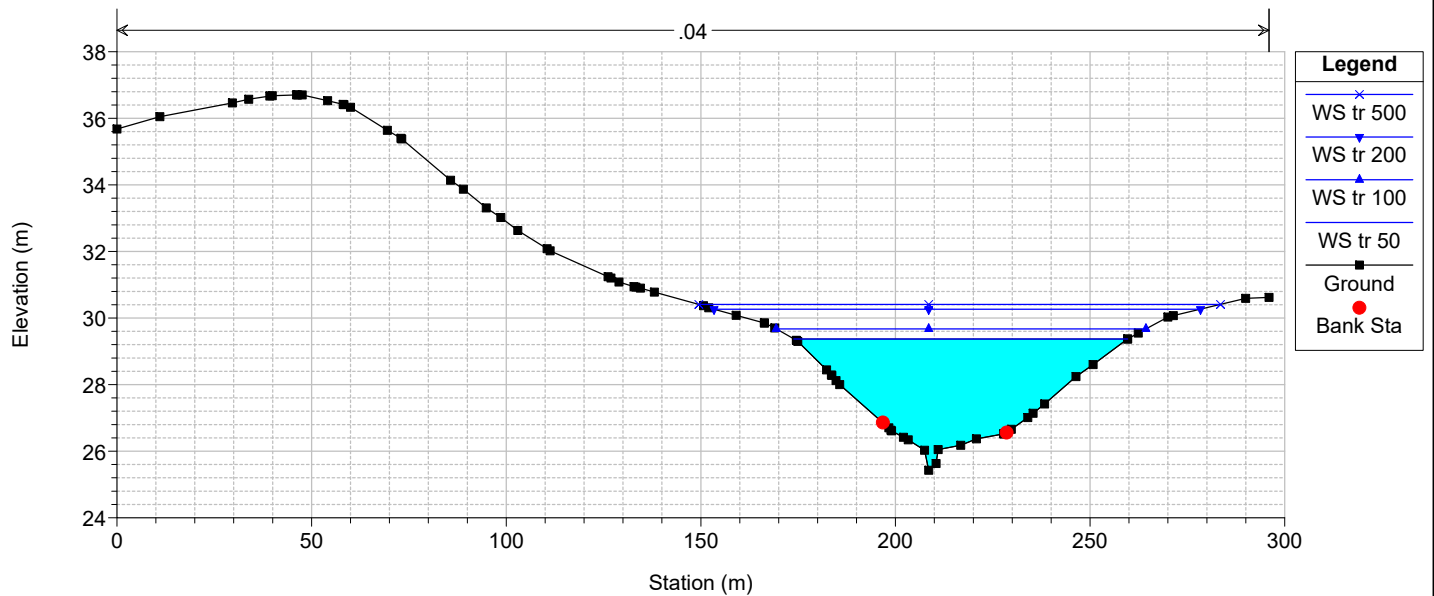
River = Rio San Gavino Reach = monte RS = 722.274 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

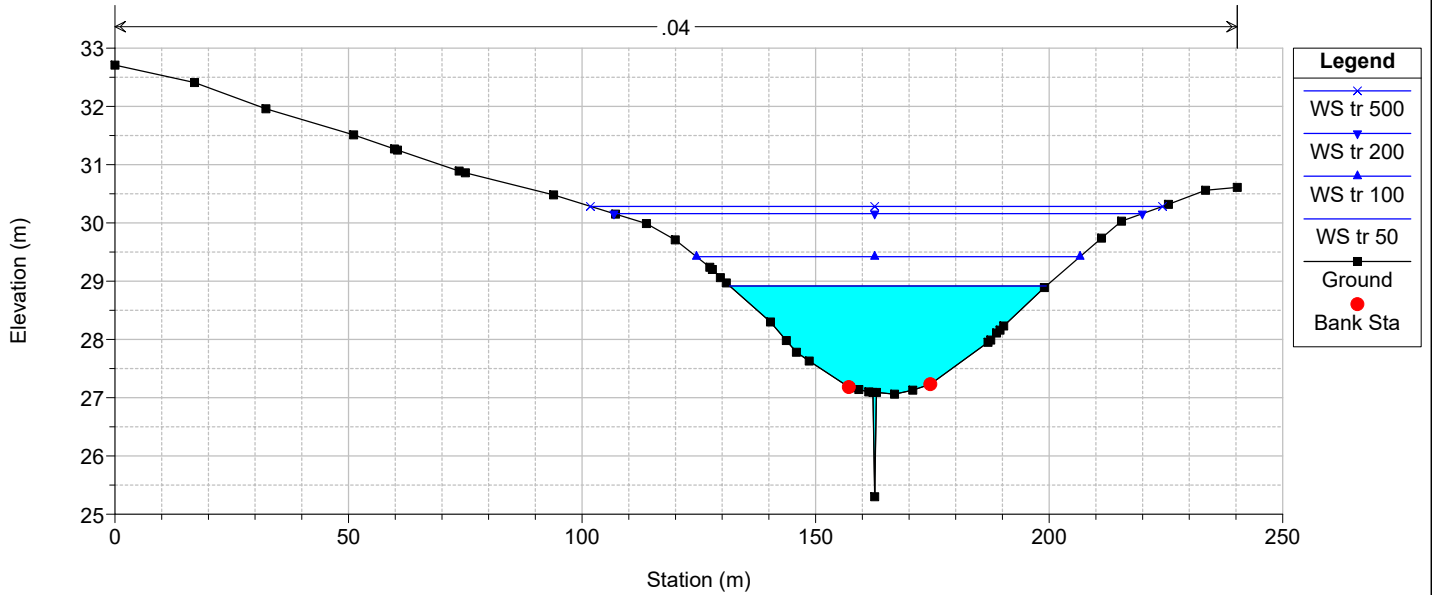
River = Rio San Gavino Reach = monte RS = 648.0927 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

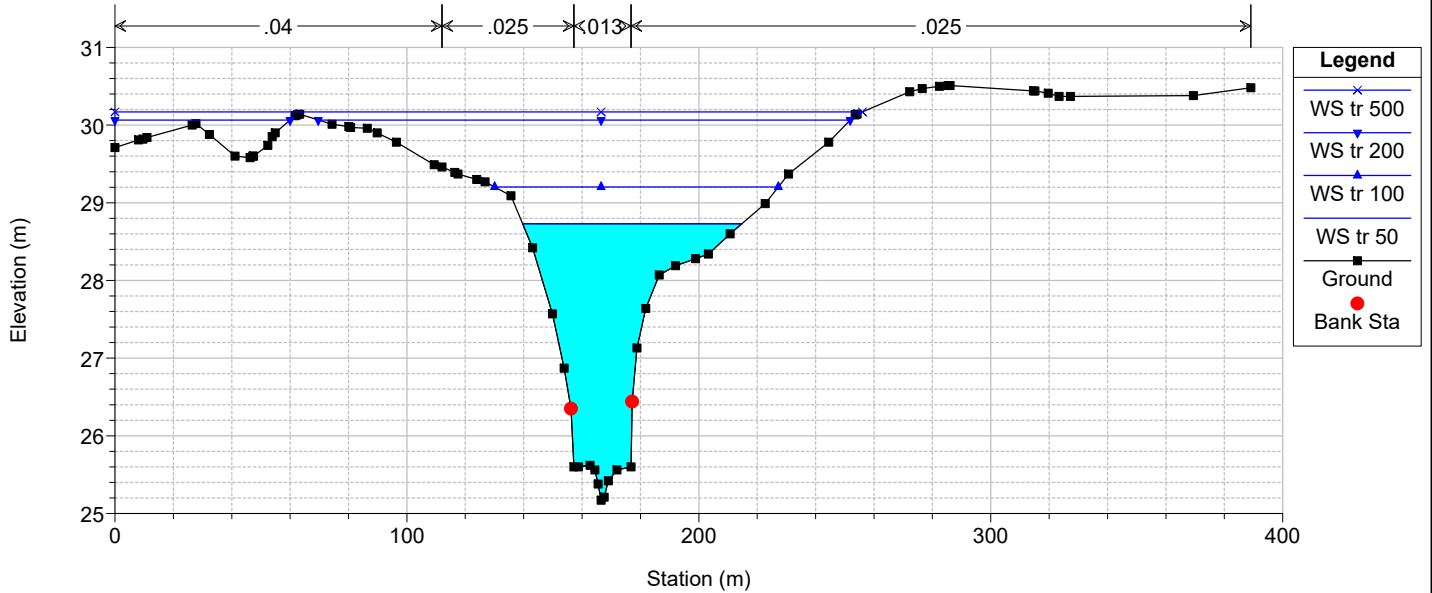
River = Rio San Gavino Reach = monte RS = 611.32 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

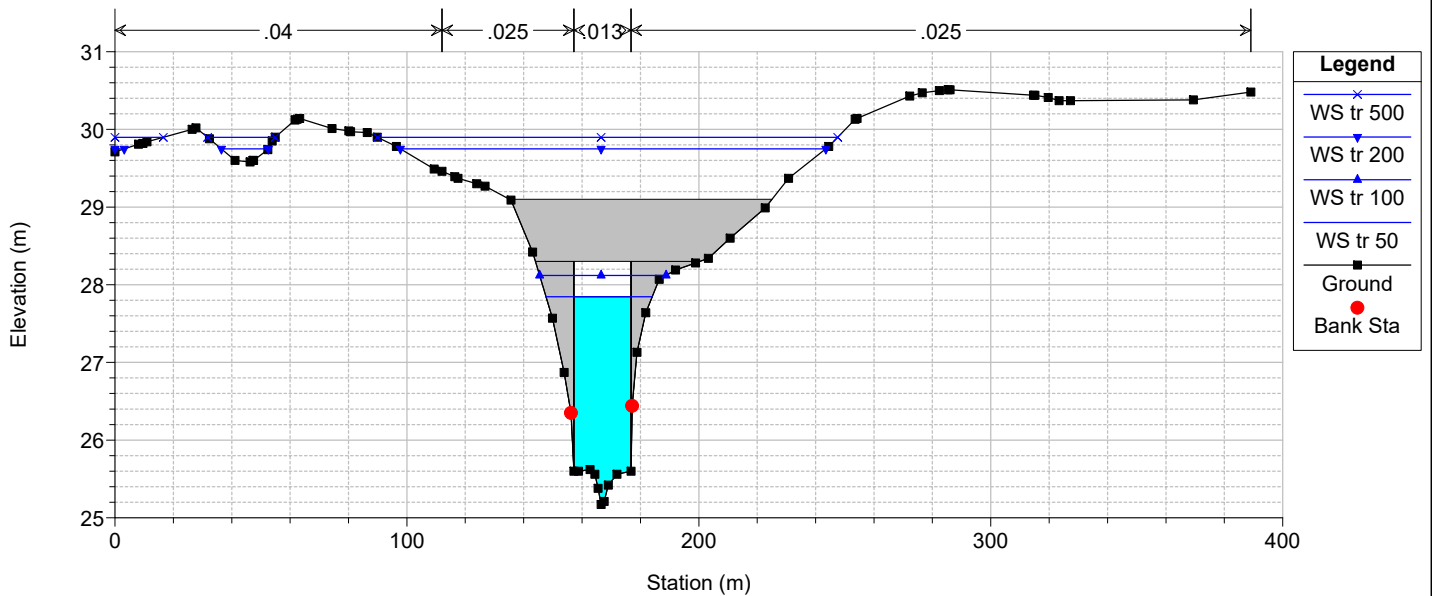
River = Rio San Gavino Reach = monte RS = 402.50 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

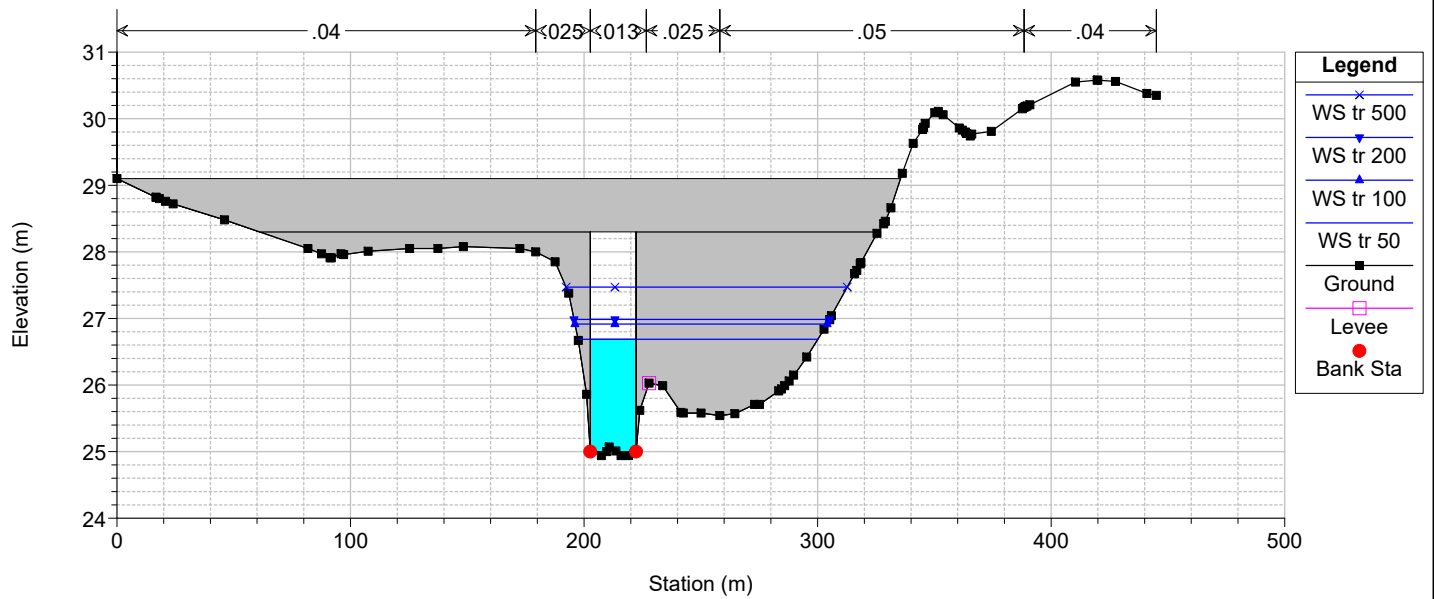
River = Rio San Gavino Reach = monte RS = 365 BR COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

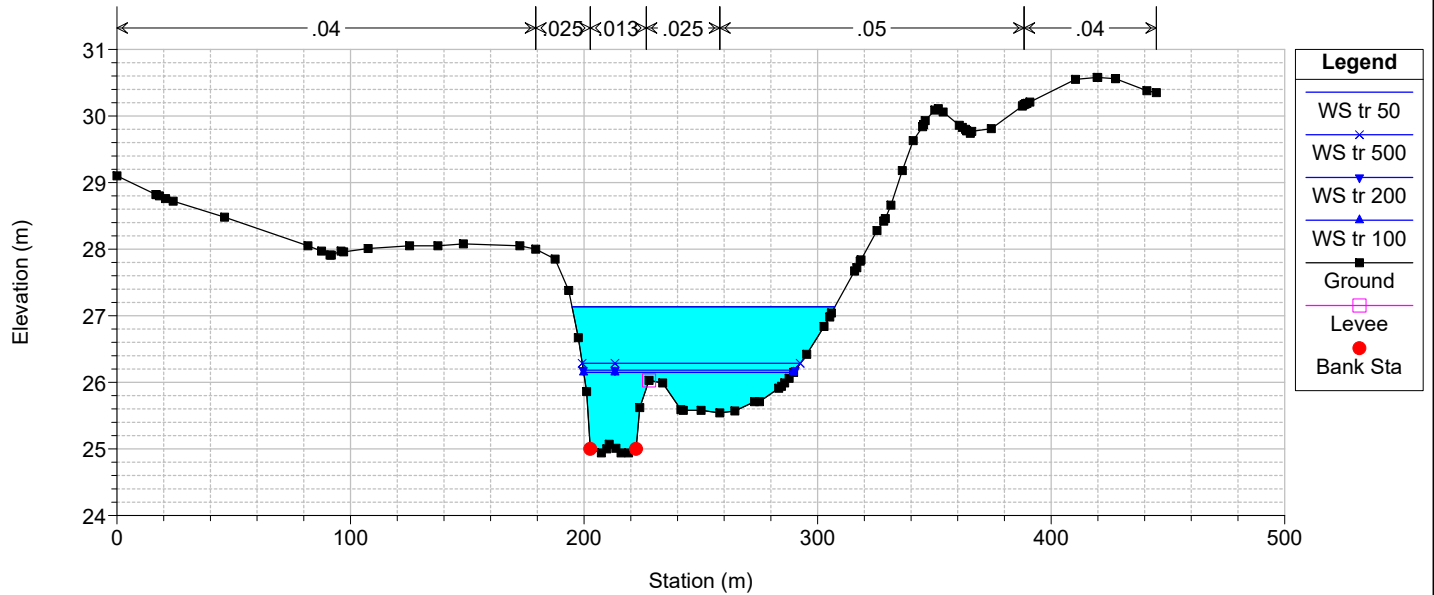
River = Rio San Gavino Reach = monte RS = 365 BR COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

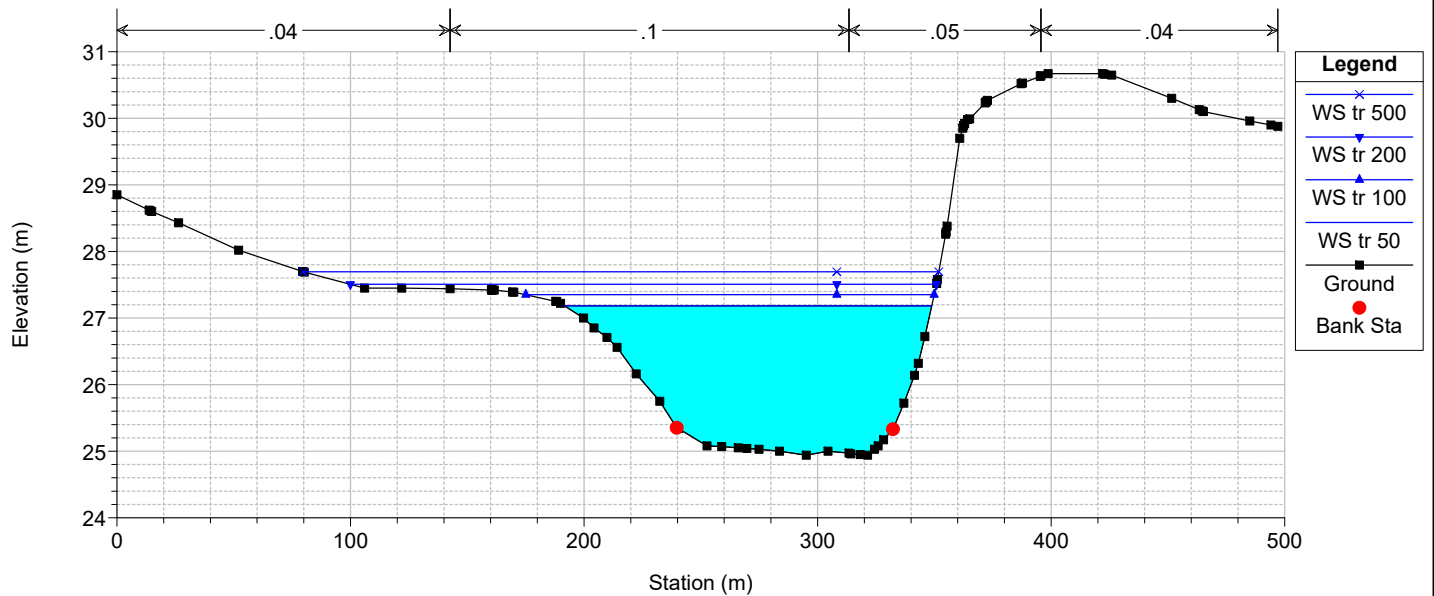
River = Rio San Gavino Reach = monte RS = 348.56 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

River = Rio San Gavino Reach = monte RS = 238.34 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

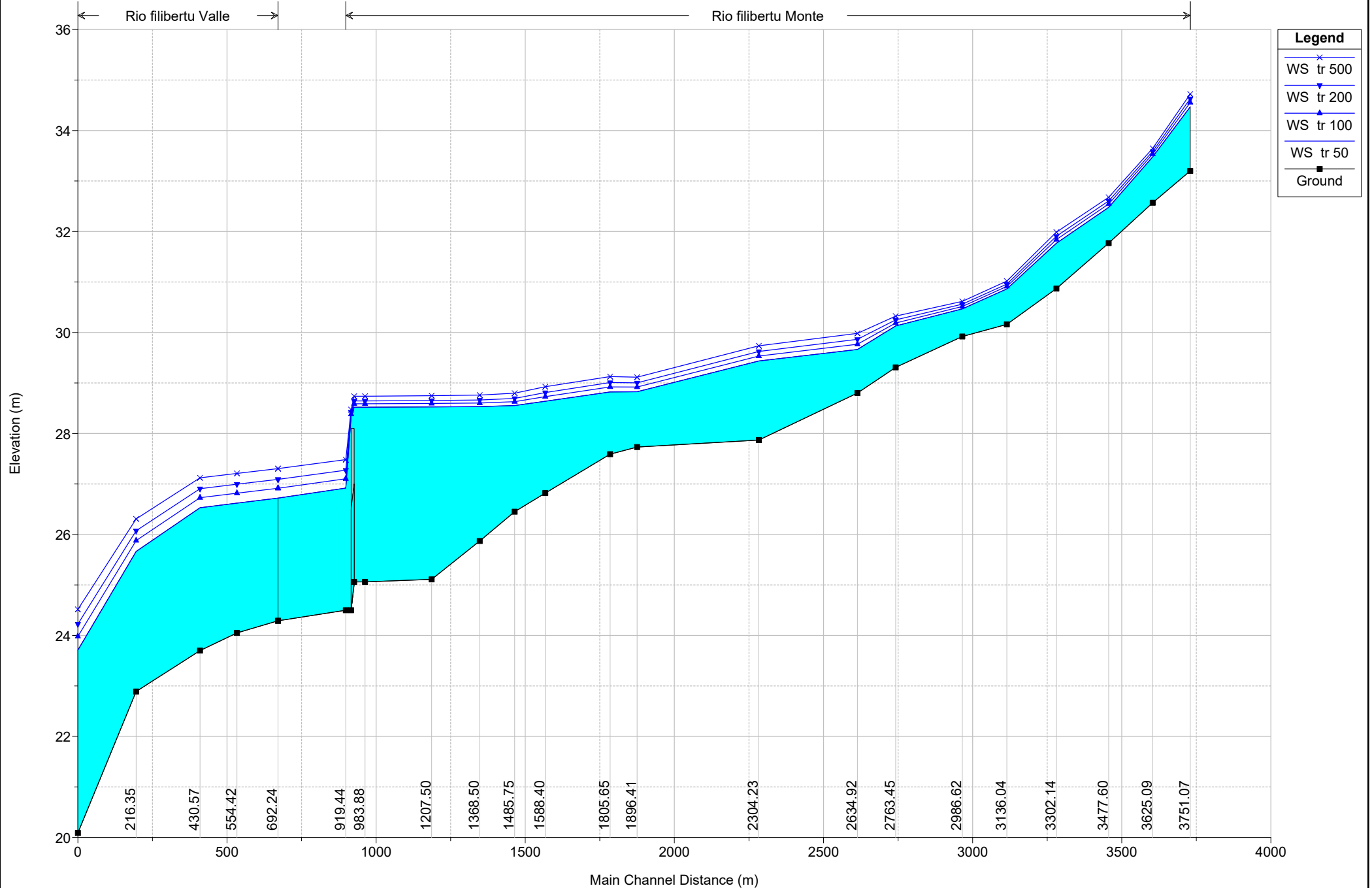


Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
monte	3600.39	tr 50	219.18	37.90	39.10	38.94	39.30	0.008043	2.48	115.21	157.41	0.73
monte	3600.39	tr 100	258.34	37.90	39.18	39.03	39.41	0.008403	2.65	127.94	164.97	0.76
monte	3600.39	tr 200	297.67	37.90	39.25	39.11	39.51	0.008713	2.80	139.81	170.76	0.78
monte	3600.39	tr 500	349.81	37.90	39.33	39.21	39.62	0.009105	2.98	154.55	177.64	0.81
monte	3450.30	tr 50	219.18	36.55	37.31	37.31	37.58	0.017613	2.31	97.60	192.14	0.97
monte	3450.30	tr 100	258.34	36.55	37.38	37.38	37.67	0.016836	2.42	110.34	197.28	0.96
monte	3450.30	tr 200	297.67	36.55	37.44	37.44	37.76	0.016241	2.53	122.59	202.10	0.96
monte	3450.30	tr 500	349.81	36.55	37.52	37.52	37.86	0.015566	2.65	138.32	207.96	0.96
monte	3267.84	tr 50	219.18	35.13	36.34	35.90	36.41	0.002475	1.36	185.55	219.37	0.41
monte	3267.84	tr 100	258.34	35.13	36.43	35.98	36.52	0.002524	1.45	206.46	226.43	0.42
monte	3267.84	tr 200	297.67	35.13	36.51	36.04	36.61	0.002618	1.54	224.87	232.47	0.43
monte	3267.84	tr 500	349.81	35.13	36.63	36.12	36.74	0.002583	1.62	252.63	241.11	0.43
monte	3134.67	tr 50	219.18	34.55	36.29		36.30	0.000326	0.59	400.92	316.52	0.15
monte	3134.67	tr 100	258.34	34.55	36.38		36.39	0.000367	0.65	429.35	321.34	0.17
monte	3134.67	tr 200	297.67	34.55	36.45		36.47	0.000413	0.71	453.60	325.40	0.18
monte	3134.67	tr 500	349.81	34.55	36.57		36.59	0.000447	0.78	491.27	331.61	0.19
monte	2922.34	tr 50	219.18	32.80	36.18	35.43	36.20	0.000704	1.08	306.88	276.23	0.20
monte	2922.34	tr 100	258.34	32.80	36.25	35.49	36.28	0.000805	1.17	327.20	279.96	0.21
monte	2922.34	tr 200	297.67	32.80	36.31	35.52	36.35	0.000923	1.27	343.23	282.49	0.23
monte	2922.34	tr 500	349.81	32.80	36.41	35.59	36.45	0.000995	1.35	372.29	287.01	0.24
monte	2893.46		Culvert									
monte	2875.25	tr 50	219.18	32.60	35.51	35.51	35.71	0.007633	3.94	142.52	265.04	0.79
monte	2875.25	tr 100	258.34	32.60	35.53	35.53	35.78	0.009508	4.42	147.94	266.61	0.88
monte	2875.25	tr 200	297.67	32.60	35.58	35.58	35.84	0.009791	4.54	161.22	270.03	0.90
monte	2875.25	tr 500	349.81	32.60	35.65	35.65	35.92	0.009827	4.62	179.42	274.31	0.90
monte	2704.13	tr 50	219.18	32.31	34.57	33.86	34.64	0.001710	1.17	190.93	183.70	0.34
monte	2704.13	tr 100	258.34	32.31	34.69	33.94	34.77	0.001693	1.24	214.42	197.41	0.34
monte	2704.13	tr 200	297.67	32.31	34.81	34.04	34.89	0.001686	1.31	237.28	208.55	0.35
monte	2704.13	tr 500	349.81	32.31	34.94	34.13	35.04	0.001687	1.39	265.91	218.03	0.35
monte	2552.67	tr 50	219.18	32.16	34.39		34.45	0.000960	1.16	223.68	192.58	0.27
monte	2552.67	tr 100	258.34	32.16	34.50		34.57	0.001038	1.25	246.42	203.00	0.29
monte	2552.67	tr 200	297.67	32.16	34.61		34.68	0.001107	1.34	268.26	212.83	0.30
monte	2552.67	tr 500	349.81	32.16	34.73		34.82	0.001193	1.45	295.51	224.50	0.31
monte	2411.29	tr 50	219.18	31.77	34.36		34.37	0.000237	0.67	392.79	269.54	0.14
monte	2411.29	tr 100	258.34	31.77	34.47		34.49	0.000268	0.74	423.55	279.29	0.15
monte	2411.29	tr 200	297.67	31.77	34.57		34.60	0.000297	0.80	452.61	288.21	0.16
monte	2411.29	tr 500	349.81	31.77	34.69		34.72	0.000334	0.87	488.22	298.39	0.17
monte	2278.07	tr 50	219.18	31.30	34.04	33.95	34.29	0.001263	5.35	221.03	245.90	1.03
monte	2278.07	tr 100	258.34	31.30	34.06	34.06	34.39	0.001676	6.19	224.98	248.13	1.19
monte	2278.07	tr 200	297.67	31.30	34.13	34.13	34.48	0.001820	6.56	243.11	258.15	1.25
monte	2278.07	tr 500	349.81	31.30	34.22	34.22	34.60	0.001947	6.94	268.34	271.48	1.30
monte	2237.09		Culvert									
monte	2220.99	tr 50	219.18	31.00	33.78	33.78	34.12	0.001506	5.91	200.38	220.62	1.13
monte	2220.99	tr 100	258.34	31.00	33.88	33.88	34.23	0.001612	6.25	221.39	231.85	1.18
monte	2220.99	tr 200	297.67	31.00	33.95	33.95	34.33	0.001752	6.62	239.08	240.90	1.23
monte	2220.99	tr 500	349.81	31.00	34.06	34.06	34.45	0.001809	6.90	266.63	246.58	1.26
monte	1942.78	tr 50	219.18	30.29	30.85	31.26	32.59	0.160853	6.25	39.93	111.37	2.85
monte	1942.78	tr 100	258.34	30.29	30.91	31.34	32.65	0.138729	6.30	47.31	118.99	2.70
monte	1942.78	tr 200	297.67	30.29	30.97	31.42	32.67	0.119505	6.29	55.25	126.75	2.55
monte	1942.78	tr 500	349.81	30.29	31.05	31.50	32.73	0.102338	6.31	65.67	136.34	2.41
monte	1790.78	tr 50	219.18	29.69	31.37	30.61	31.41	0.000892	1.00	272.98	281.29	0.26
monte	1790.78	tr 100	258.34	29.69	31.48	30.69	31.53	0.000932	1.07	304.62	299.15	0.26
monte	1790.78	tr 200	297.67	29.69	31.58	30.76	31.63	0.000965	1.13	335.09	315.09	0.27
monte	1790.78	tr 500	349.81	29.69	31.70	30.85	31.75	0.001010	1.21	372.83	333.80	0.28
monte	1659.74	tr 50	219.18	29.59	31.29		31.31	0.000636	0.83	343.91	350.45	0.22
monte	1659.74	tr 100	258.34	29.59	31.40		31.42	0.000668	0.89	382.05	370.63	0.22
monte	1659.74	tr 200	297.67	29.59	31.49		31.52	0.000698	0.95	418.65	390.65	0.23
monte	1659.74	tr 500	349.81	29.59	31.60		31.63	0.000741	1.02	463.74	415.99	0.24
monte	1494.30	tr 50	219.18	29.47	31.17		31.20	0.000767	0.91	325.82	356.57	0.24
monte	1494.30	tr 100	258.34	29.47	31.27		31.30	0.000791	0.97	362.66	371.98	0.24
monte	1494.30	tr 200	297.67	29.47	31.36		31.39	0.000816	1.02	397.28	386.10	0.25
monte	1494.30	tr 500	349.81	29.47	31.47		31.50	0.000858	1.09	438.46	402.33	0.26
monte	1371.72	tr 50	219.18	29.11	31.04		31.08	0.001253	1.06	276.56	374.72	0.30
monte	1371.72	tr 100	258.34	29.11	31.14		31.18	0.001185	1.08	316.39	394.02	0.29
monte	1371.72	tr 200	297.67	29.11	31.24		31.28	0.001147	1.11	353.50	411.19	0.29
monte	1371.72	tr 500	349.81	29.11	31.34		31.38	0.001145	1.16	396.74	437.63	0.29

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	1106.85	tr 50	219.18	27.89	30.99		31.01	0.000096	0.57	533.21	336.81	0.11
monte	1106.85	tr 100	258.34	27.89	31.09		31.10	0.000113	0.63	566.44	359.41	0.12
monte	1106.85	tr 200	297.67	27.89	31.17		31.19	0.000130	0.69	598.23	385.76	0.13
monte	1106.85	tr 500	349.81	27.89	31.27		31.29	0.000154	0.77	634.54	406.14	0.14
monte	914.87	tr 50	219.18	27.00	30.95	28.44	30.98	0.000189	0.78	423.94	403.89	0.13
monte	914.87	tr 100	258.34	27.00	31.04	28.58	31.07	0.000221	0.86	460.32	407.39	0.14
monte	914.87	tr 200	297.67	27.00	31.12	28.71	31.16	0.000253	0.93	492.52	410.07	0.15
monte	914.87	tr 500	349.81	27.00	31.21	28.88	31.24	0.000299	1.03	526.57	412.88	0.17
monte	885		Culvert									
monte	857.95	tr 50	219.18	26.70	29.49	28.28	29.62	0.001281	1.75	157.47	105.04	0.34
monte	857.95	tr 100	258.34	26.70	29.84	28.43	29.87	0.000359	1.00	375.58	242.44	0.18
monte	857.95	tr 200	297.67	26.70	30.39	28.60	30.41	0.000190	0.82	514.38	260.16	0.14
monte	857.95	tr 500	349.81	26.70	30.57	28.80	30.59	0.000206	0.88	559.42	266.57	0.14
monte	722.274	tr 50	219.18	25.47	29.48	27.11	29.50	0.000156	0.78	377.72	151.34	0.13
monte	722.274	tr 100	258.34	25.47	29.79	27.20	29.81	0.000157	0.82	425.50	160.33	0.13
monte	722.274	tr 200	297.67	25.47	30.36	27.29	30.38	0.000130	0.81	523.73	191.34	0.12
monte	722.274	tr 500	349.81	25.47	30.52	27.40	30.54	0.000157	0.91	556.02	199.85	0.13
monte	648.0927	tr 50	219.18	25.43	29.37		29.47	0.000873	1.56	171.32	85.80	0.28
monte	648.0927	tr 100	258.34	25.43	29.68		29.78	0.000833	1.62	198.71	95.01	0.28
monte	648.0927	tr 200	297.67	25.43	30.26		30.35	0.000588	1.52	262.22	124.95	0.24
monte	648.0927	tr 500	349.81	25.43	30.41		30.52	0.000699	1.69	280.87	134.01	0.27
monte	611.32	tr 50	219.18	25.30	28.92		29.36	0.010210	3.42	78.13	67.79	0.81
monte	611.32	tr 100	258.34	25.30	29.42		29.70	0.004916	2.79	115.70	82.10	0.58
monte	611.32	tr 200	297.67	25.30	30.16		30.31	0.002006	2.14	185.63	113.14	0.39
monte	611.32	tr 500	349.81	25.30	30.28		30.46	0.002359	2.38	200.34	122.48	0.42
monte	402.50	tr 50	219.18	25.17	28.73	27.81	29.11	0.000393	2.91	105.39	75.07	0.52
monte	402.50	tr 100	258.34	25.17	29.20	28.05	29.53	0.000301	2.79	145.61	97.16	0.47
monte	402.50	tr 200	297.67	25.17	30.07	28.43	30.23	0.000137	2.17	278.27	242.25	0.33
monte	402.50	tr 500	349.81	25.17	30.17	28.73	30.38	0.000166	2.42	304.17	256.02	0.36
monte	365		Bridge									
monte	348.56	tr 50	219.18	24.94	27.14	26.72	27.39	0.000514	2.91	152.94	112.54	0.63
monte	348.56	tr 100	258.34	24.94	26.15	26.85	29.13	0.010289	8.66	52.71	89.86	2.56
monte	348.56	tr 200	297.67	24.94	26.18	26.97	29.74	0.012004	9.53	55.78	90.72	2.77
monte	348.56	tr 500	349.81	24.94	26.29	27.12	29.91	0.011390	9.82	65.42	93.35	2.74
monte	238.34	tr 50	219.18	24.94	27.18		27.23	0.002251	0.95	252.60	157.23	0.21
monte	238.34	tr 100	258.34	24.94	27.35	25.97	27.40	0.002382	1.02	280.22	174.90	0.22
monte	238.34	tr 200	297.67	24.94	27.51	26.06	27.56	0.002489	1.09	313.07	250.98	0.22
monte	238.34	tr 500	349.81	24.94	27.70	26.17	27.76	0.002438	1.14	362.54	272.13	0.22

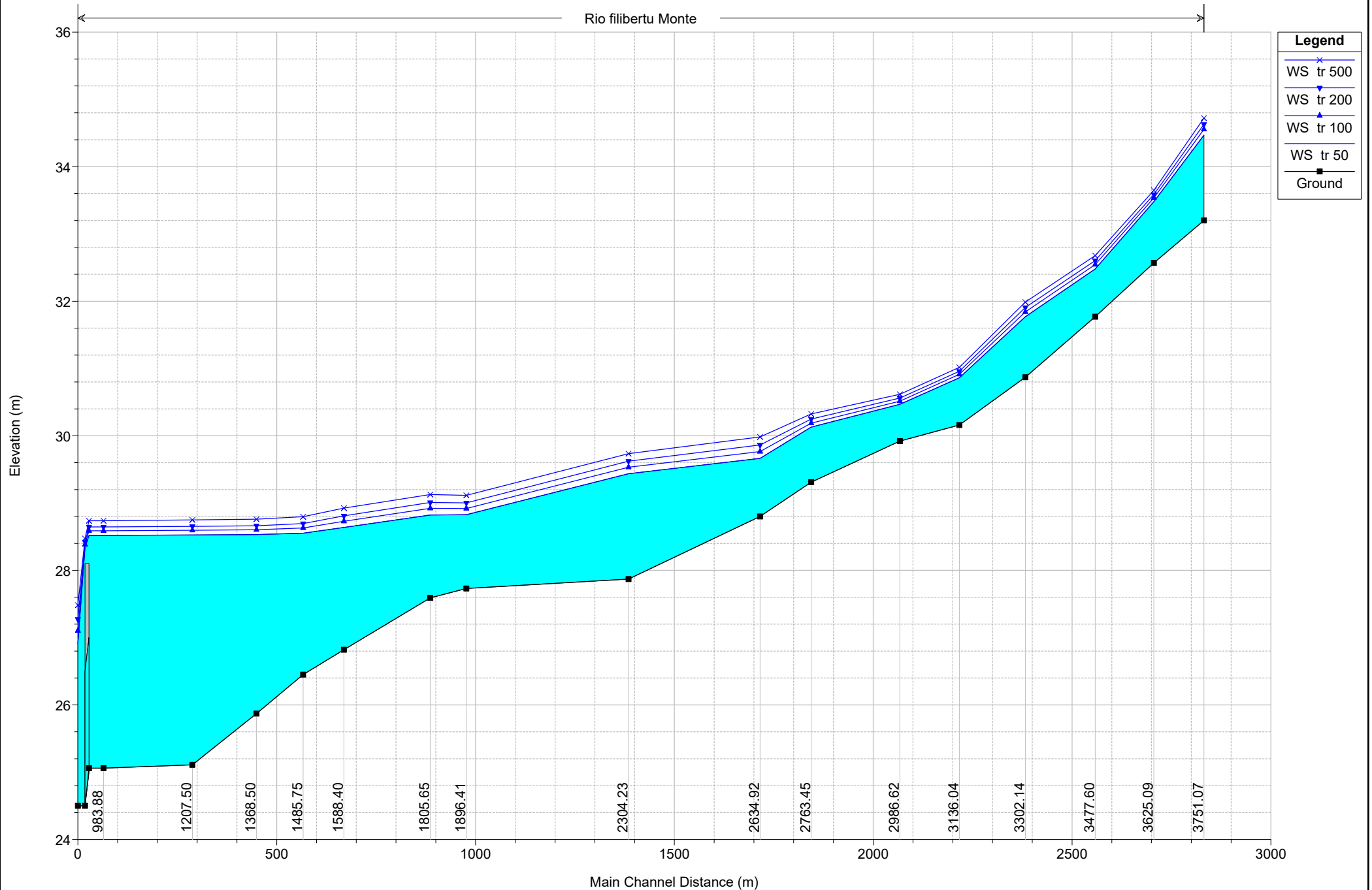
08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



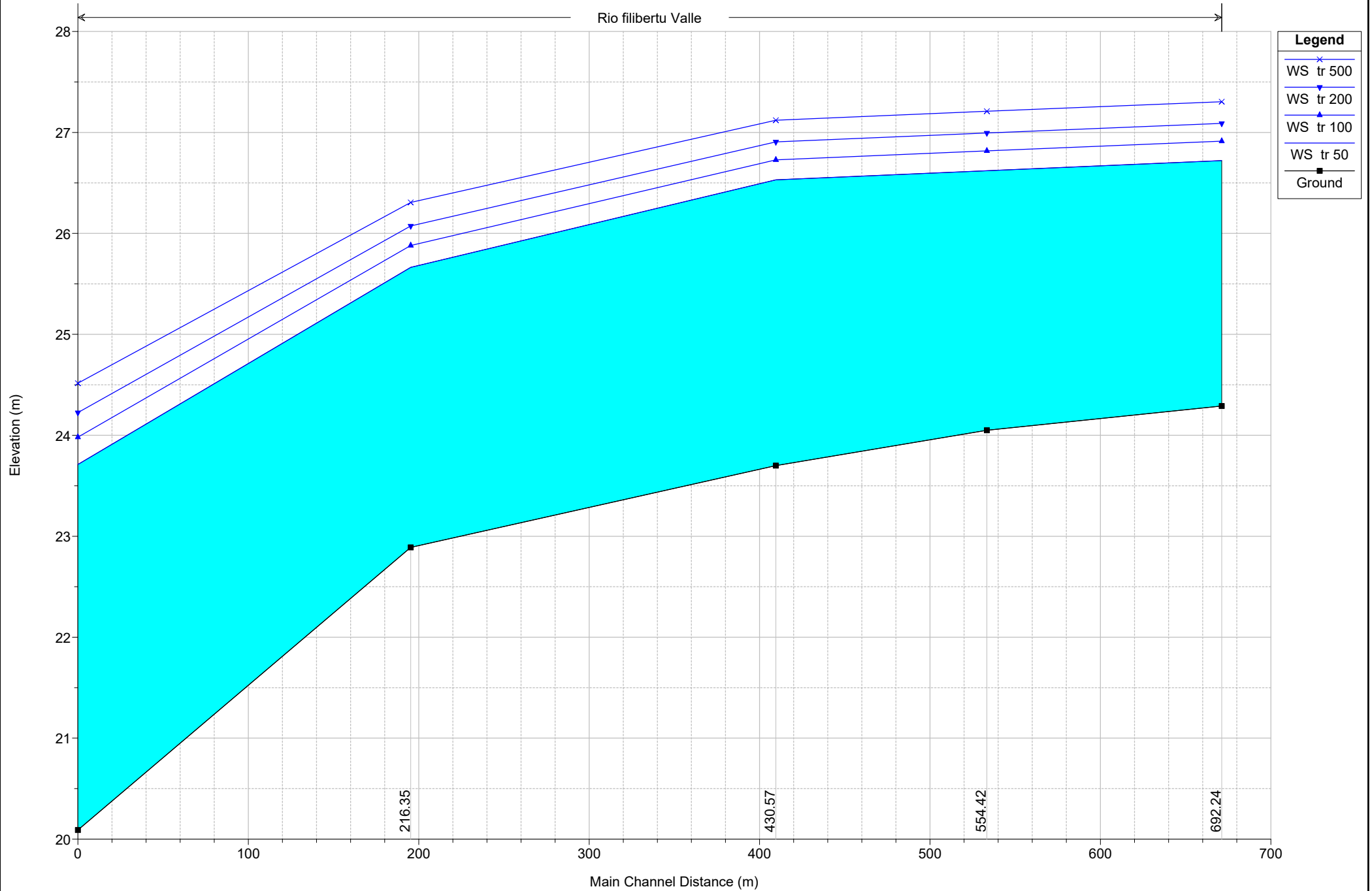
08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

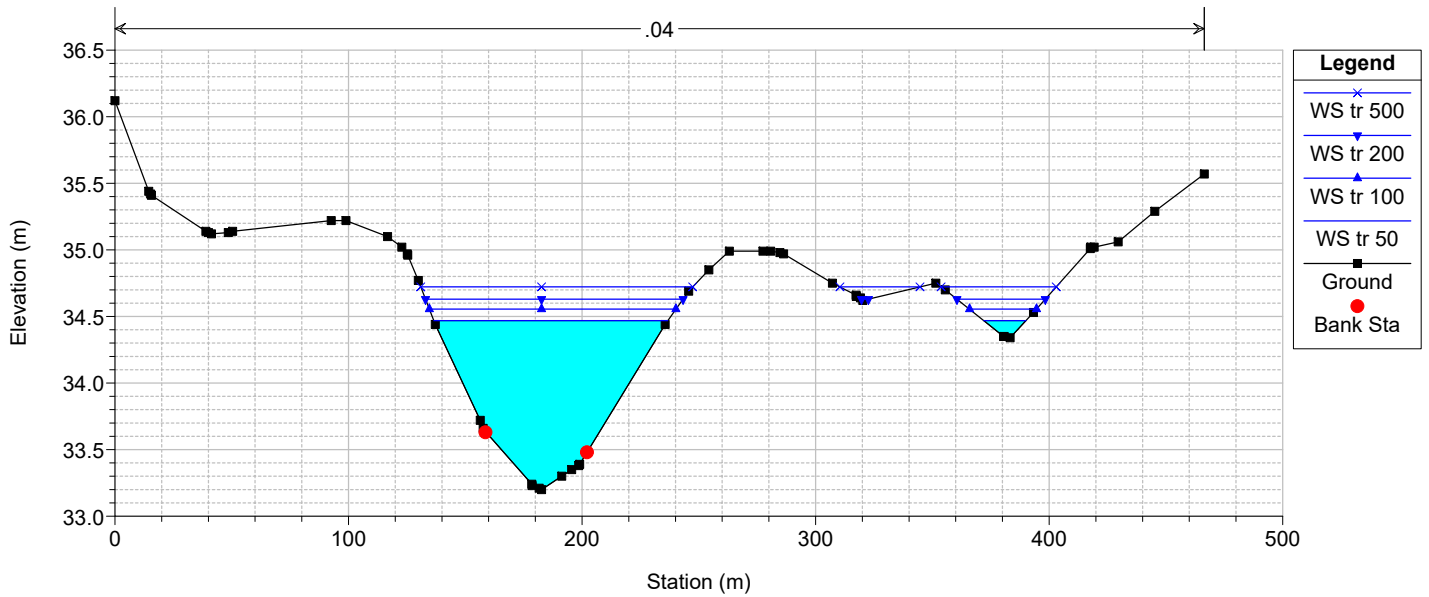
Geom: 08022016 Flow: 09022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

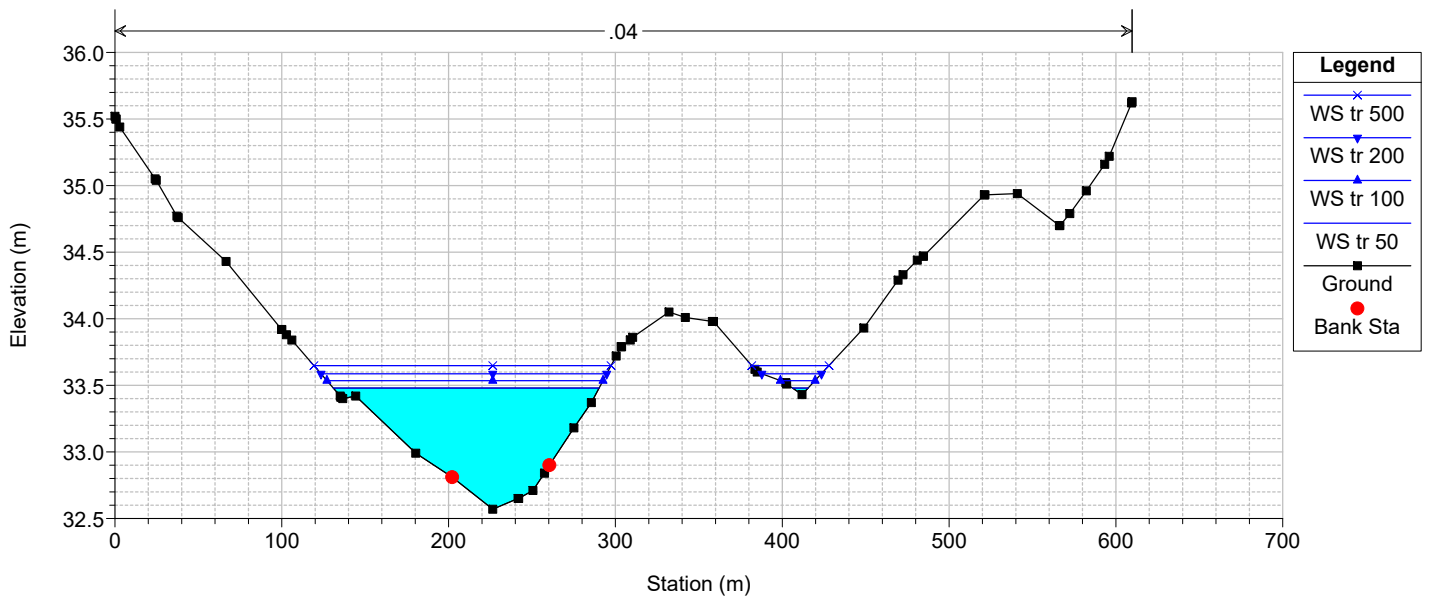
River = Rio filibertu Reach = Monte RS = 3751.07 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

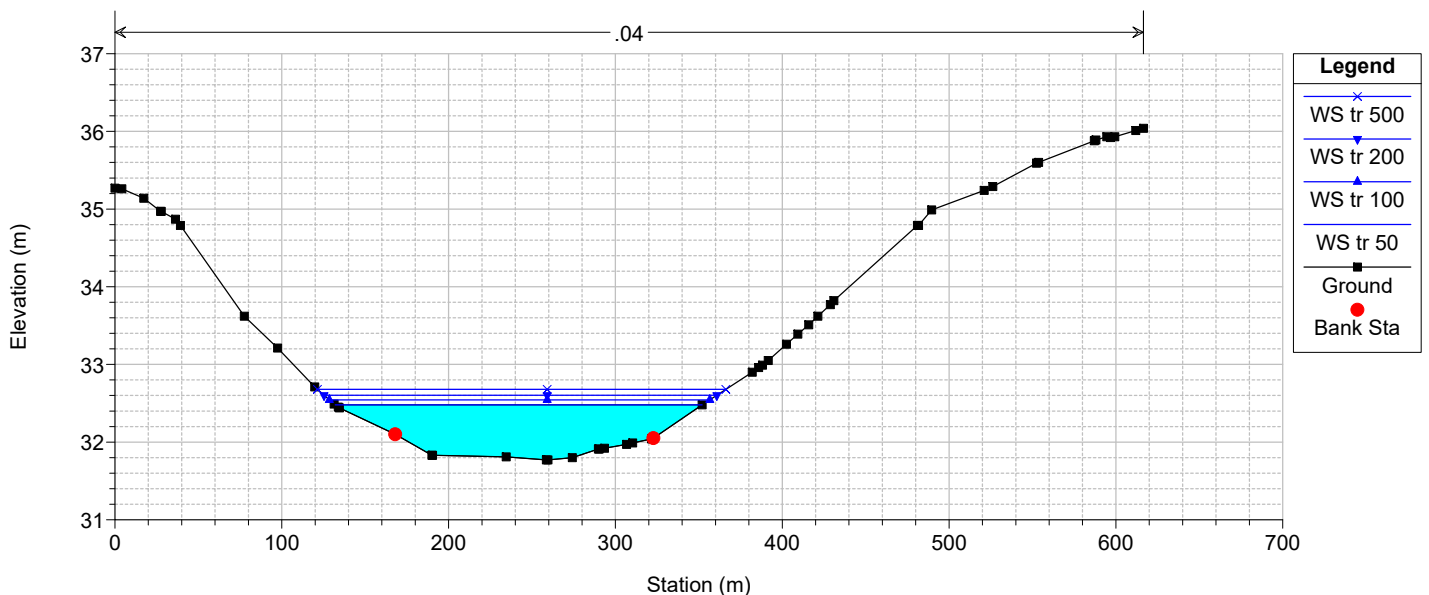
River = Rio filibertu Reach = Monte RS = 3625.09 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

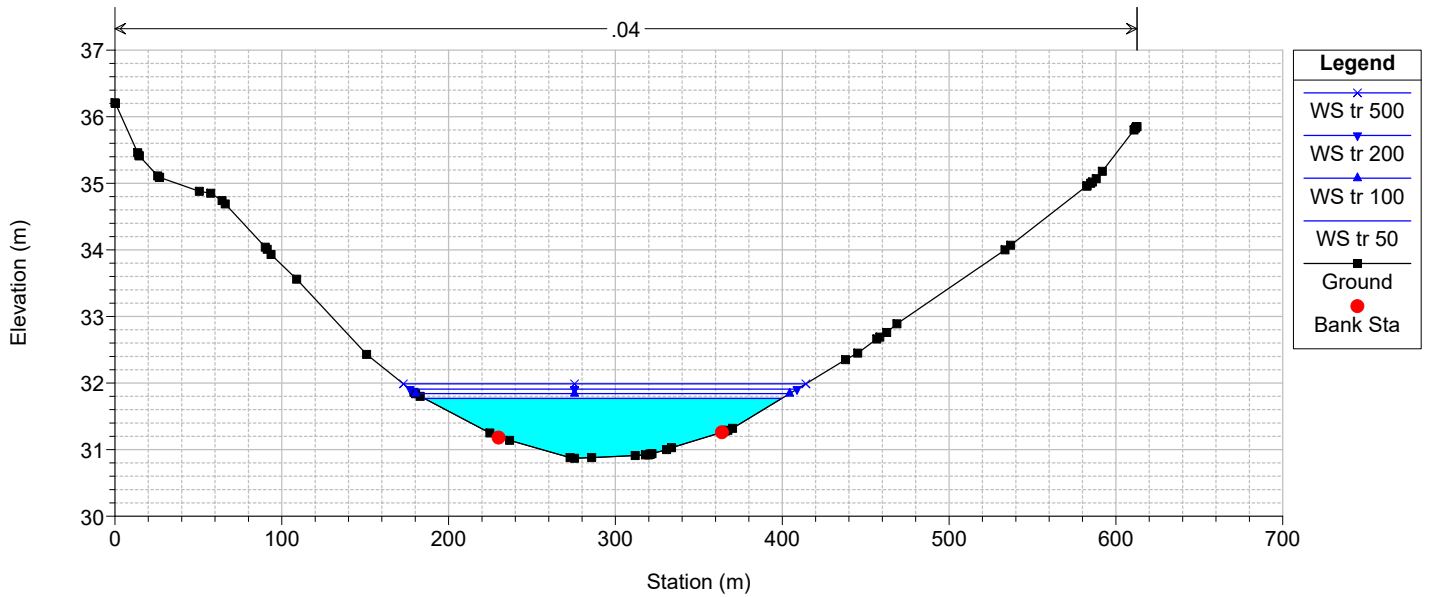
River = Rio filibertu Reach = Monte RS = 3477.60 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

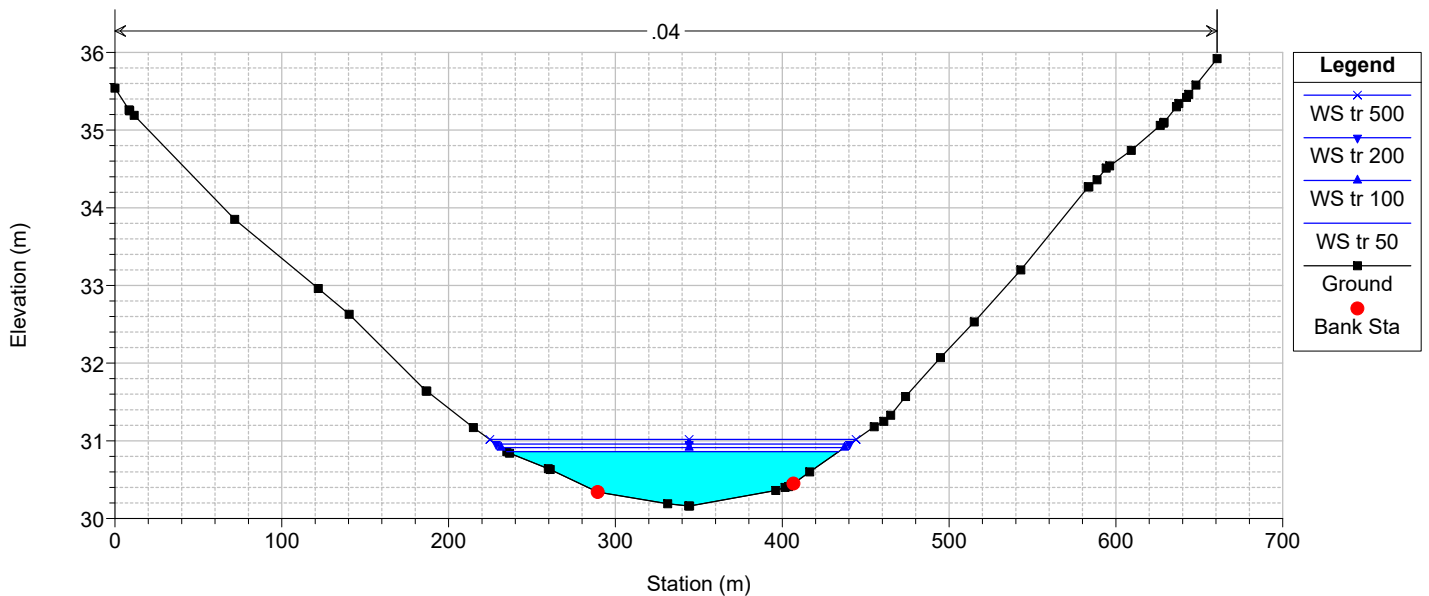
River = Rio filibertu Reach = Monte RS = 3302.14 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

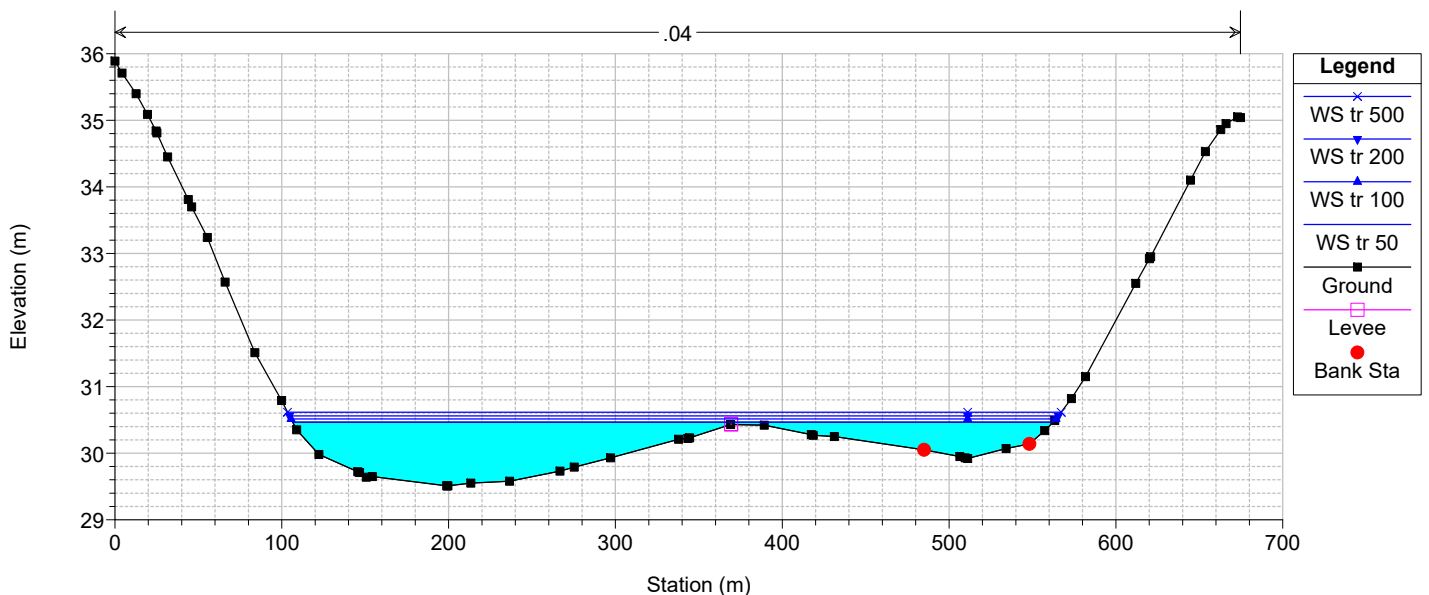
River = Rio filibertu Reach = Monte RS = 3136.04 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

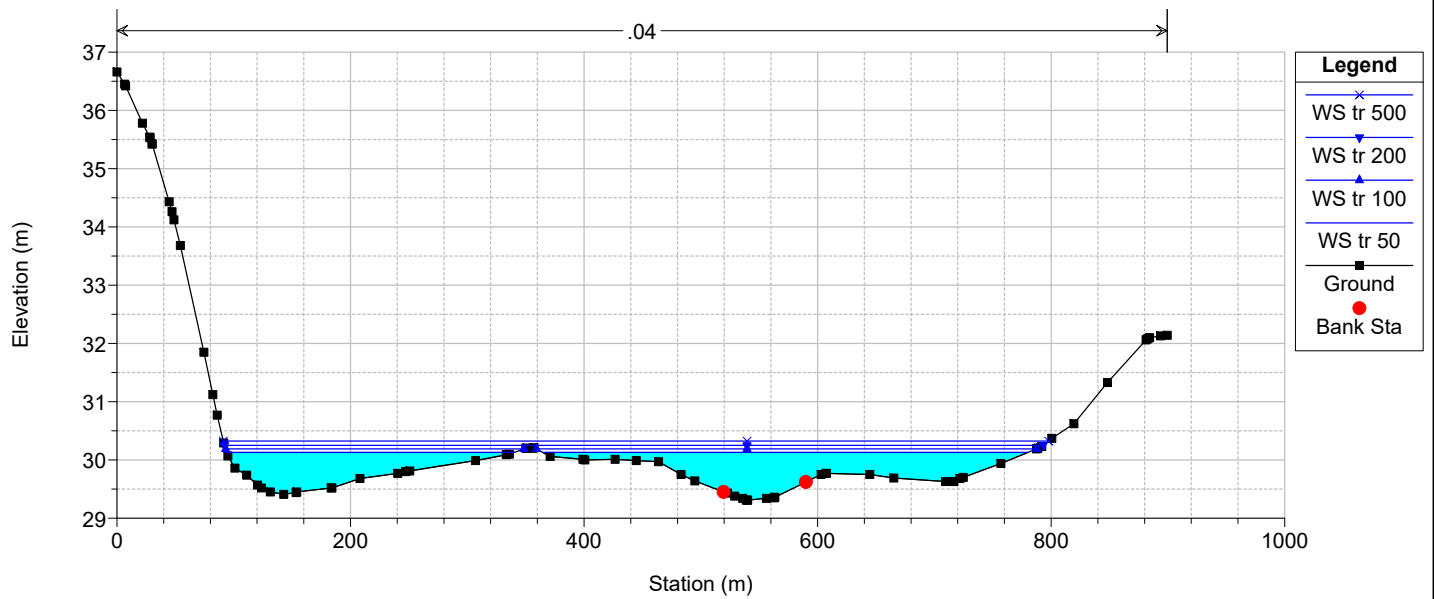
River = Rio filibertu Reach = Monte RS = 2986.62 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

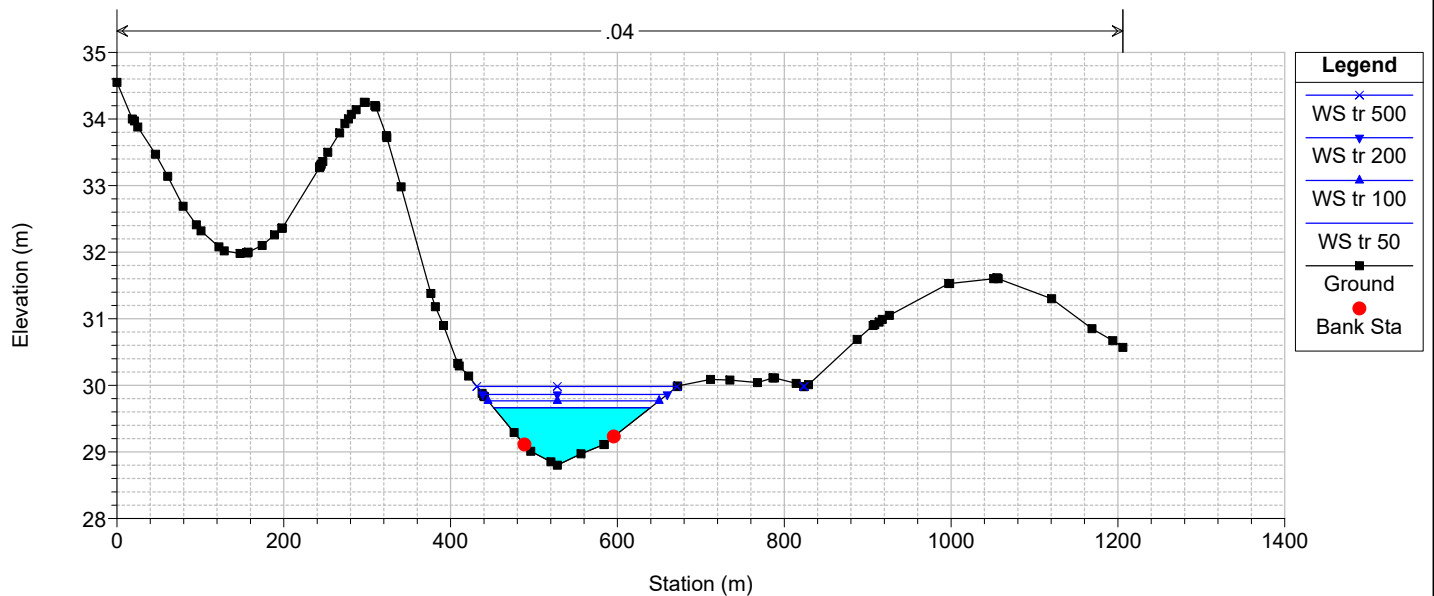
River = Rio filibertu Reach = Monte RS = 2763.45 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

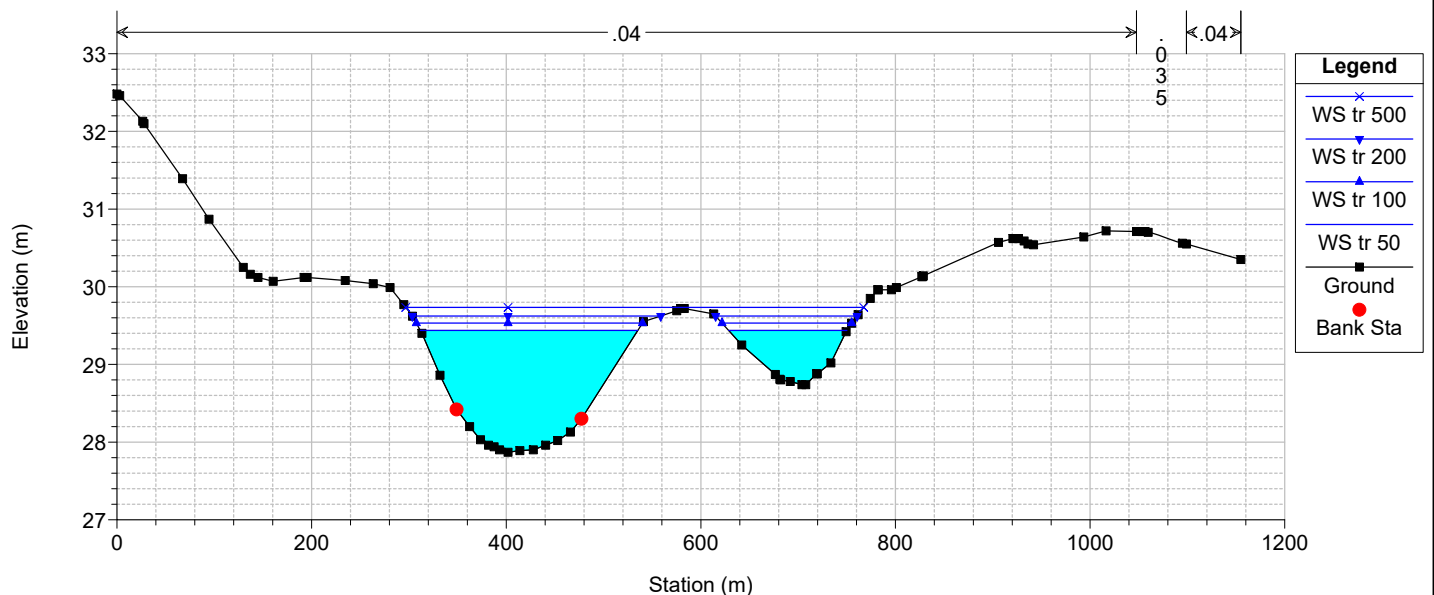
River = Rio filibertu Reach = Monte RS = 2634.92 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

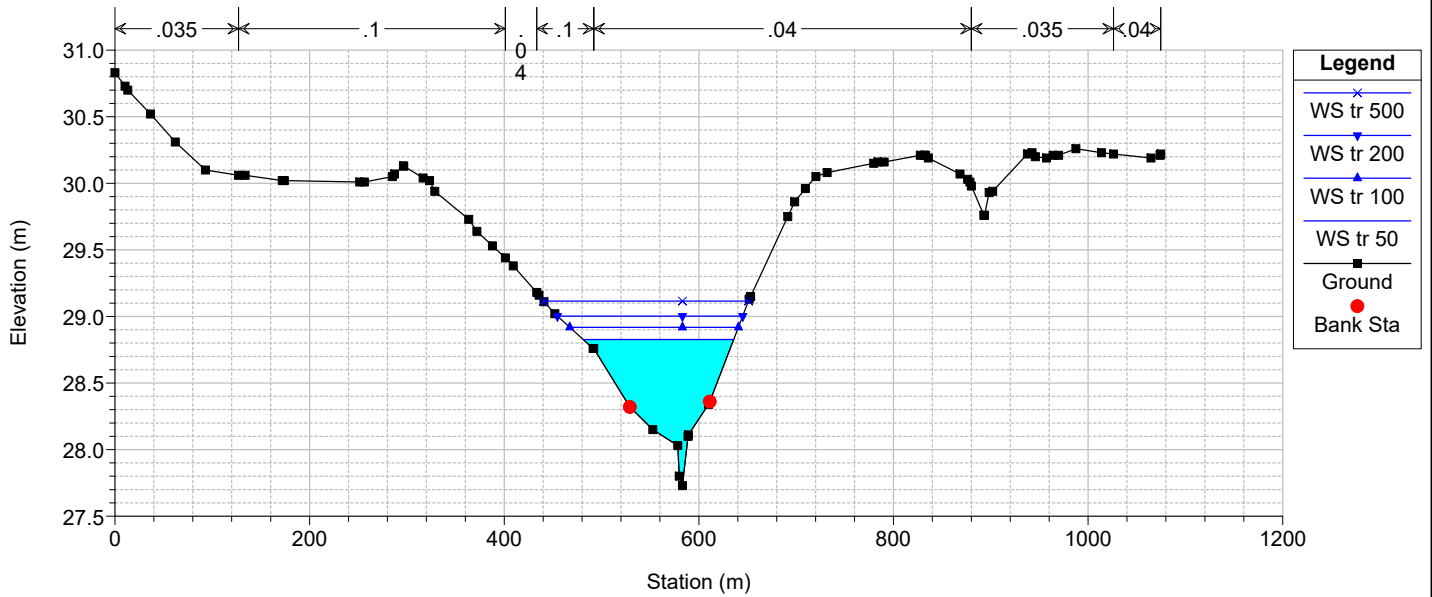
River = Rio filibertu Reach = Monte RS = 2304.23 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

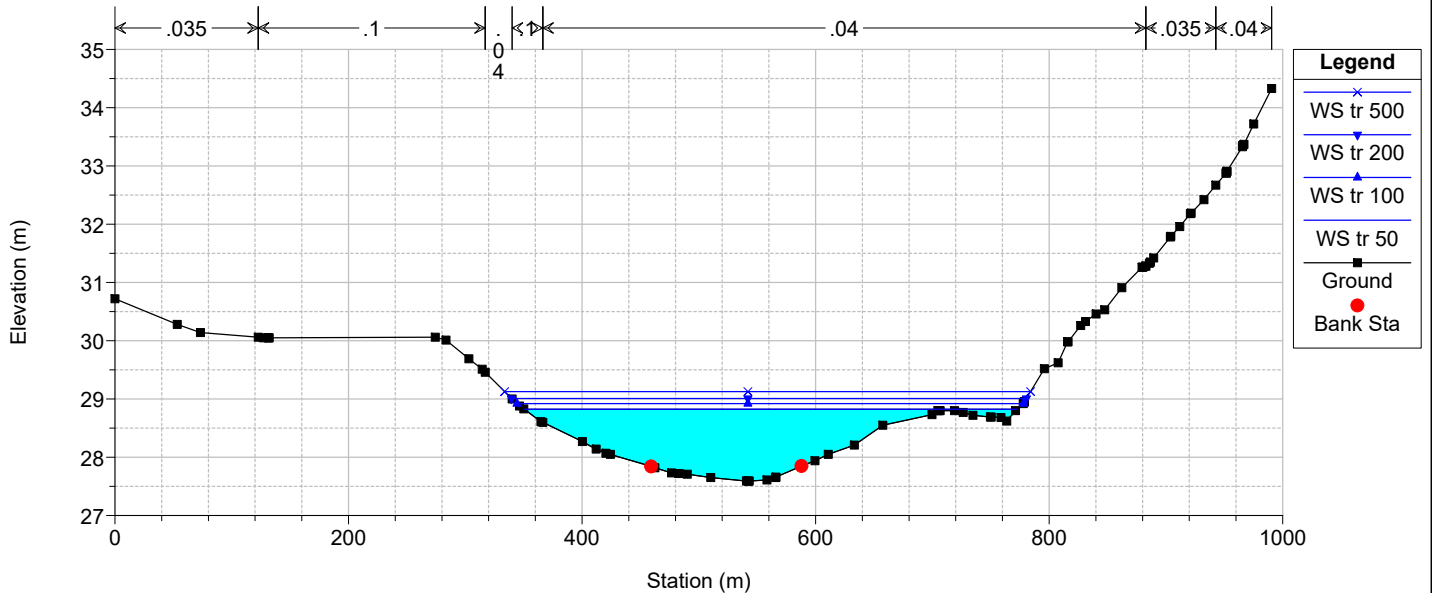
River = Rio filibertu Reach = Monte RS = 1896.41 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

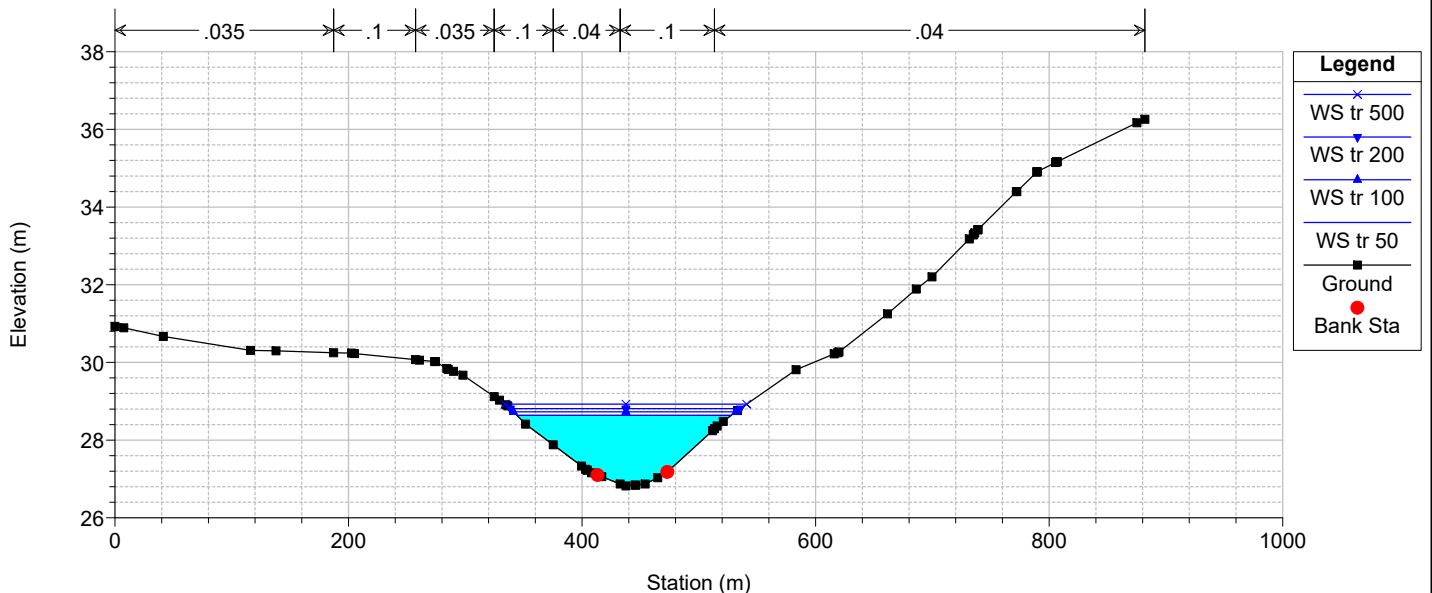
River = Rio filibertu Reach = Monte RS = 1805.65 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

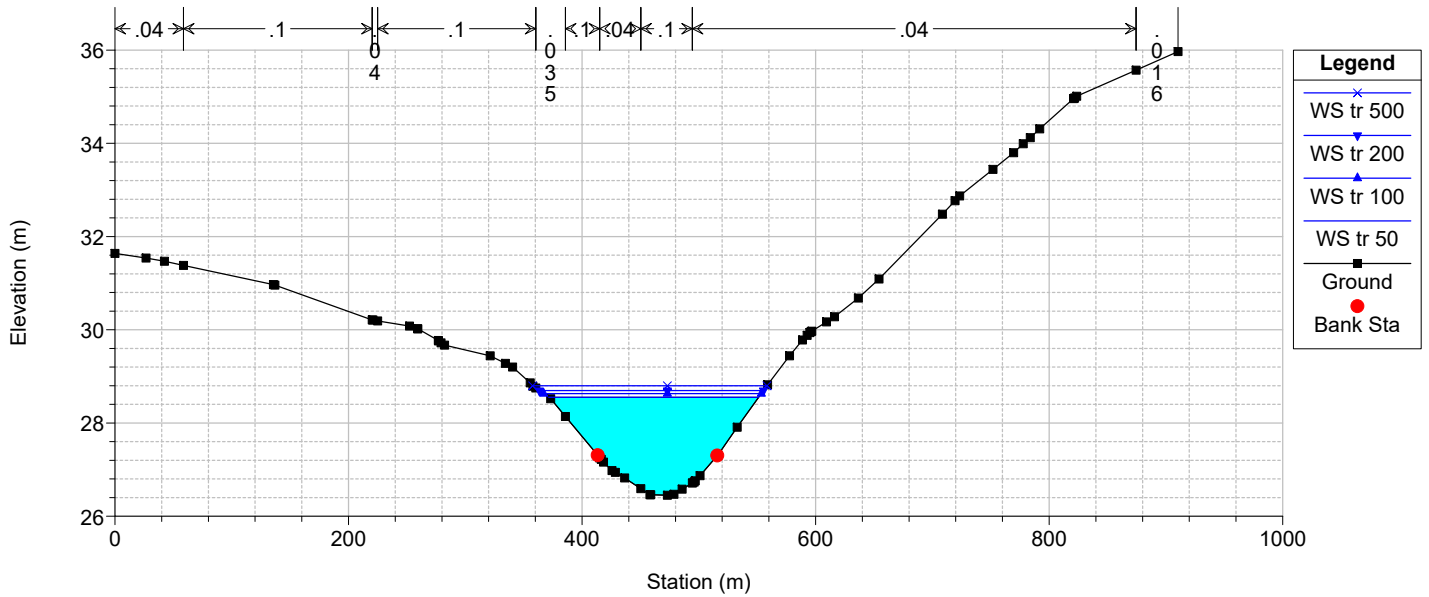
River = Rio filibertu Reach = Monte RS = 1588.40 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

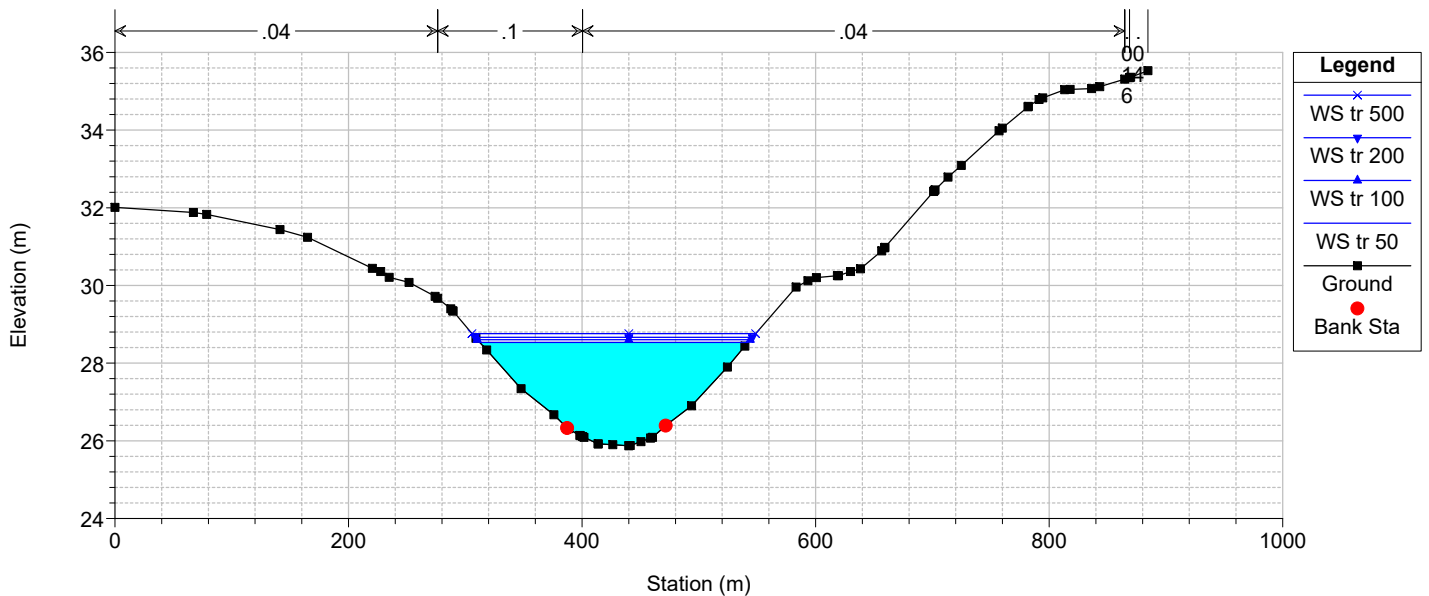
River = Rio filibertu Reach = Monte RS = 1485.75 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

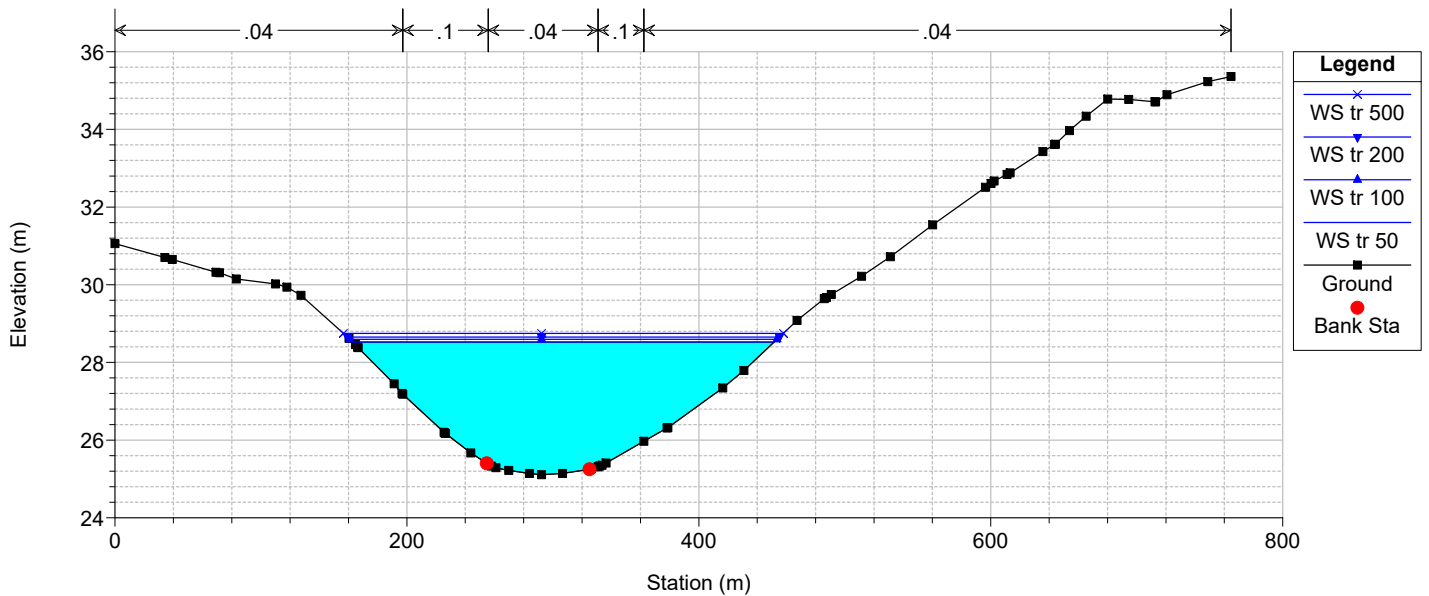
River = Rio filibertu Reach = Monte RS = 1368.50 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

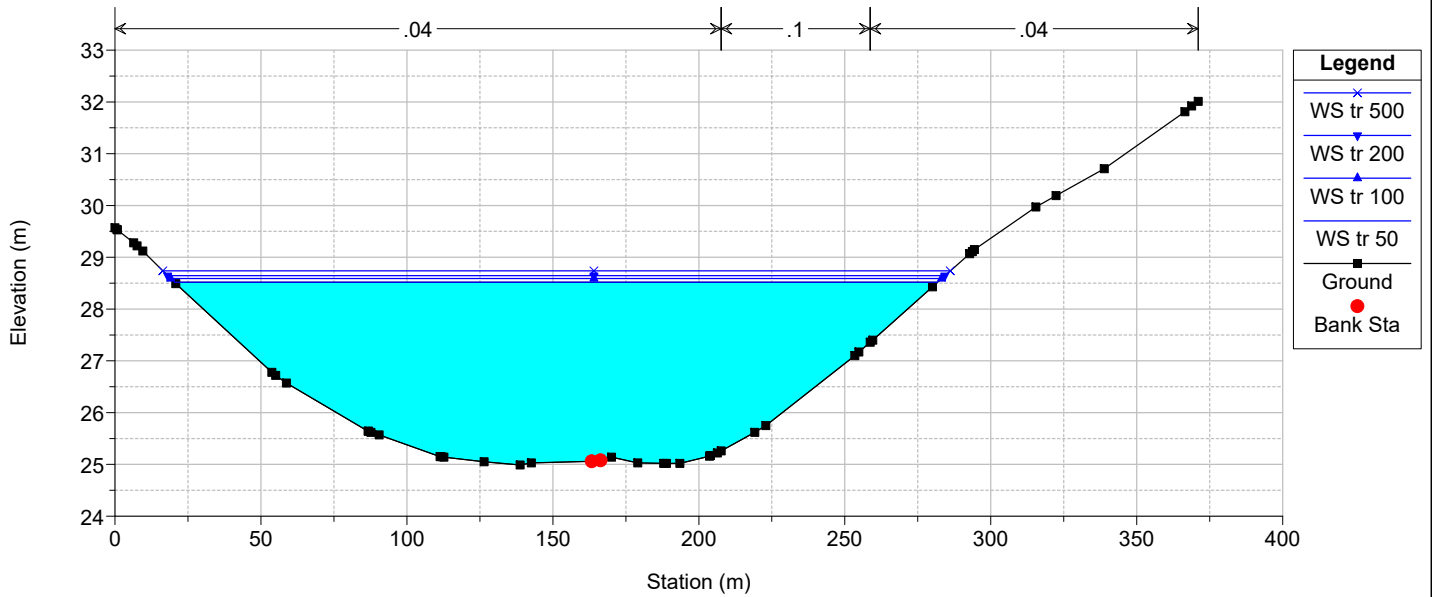
River = Rio filibertu Reach = Monte RS = 1207.50 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

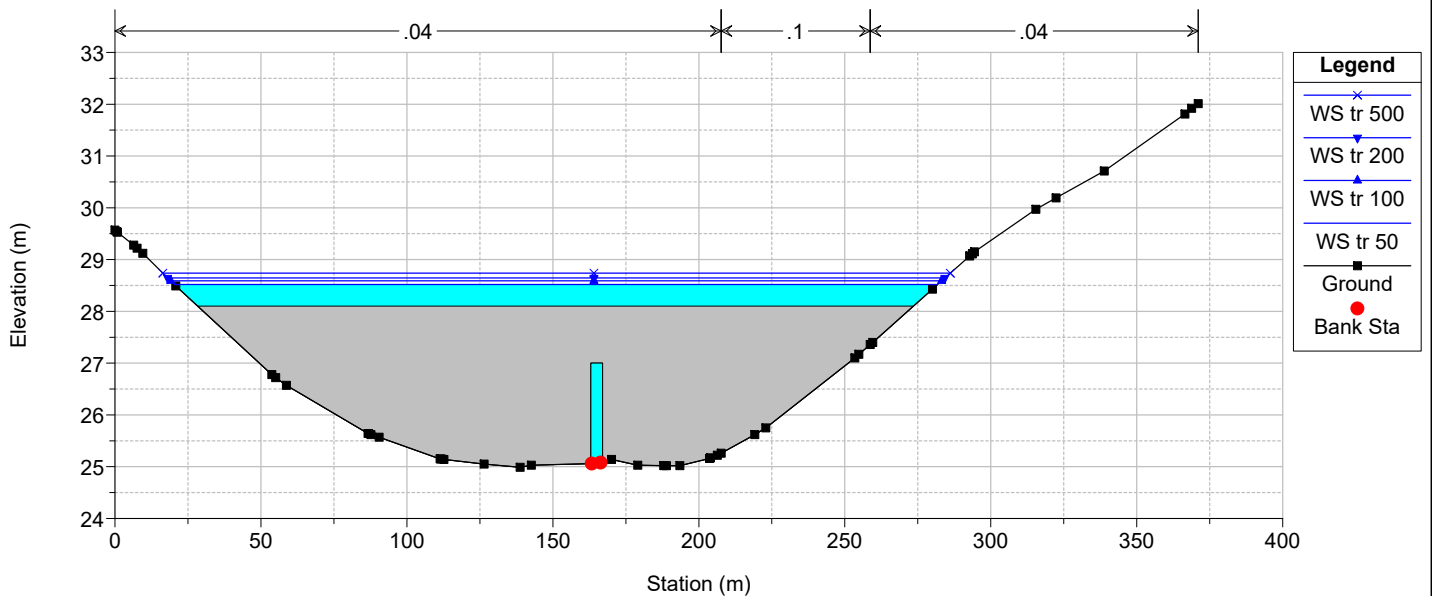
River = Rio filibertu Reach = Monte RS = 983.88 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

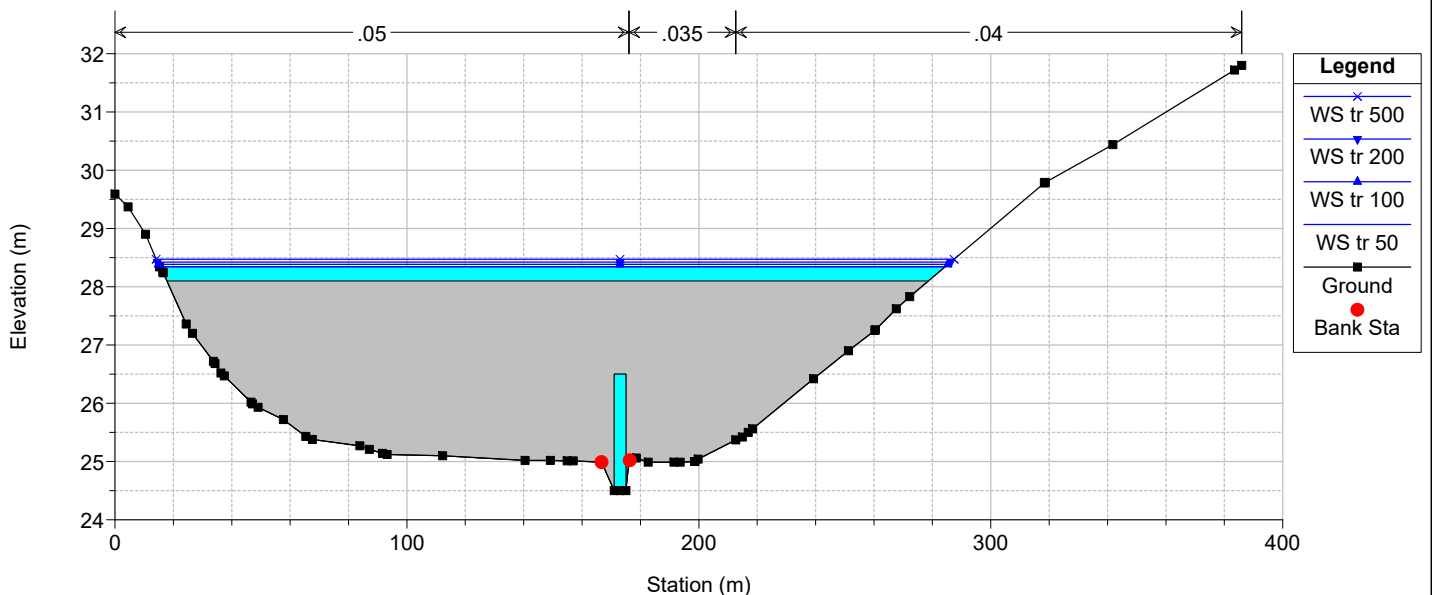
River = Rio filibertu Reach = Monte RS = 939.50 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

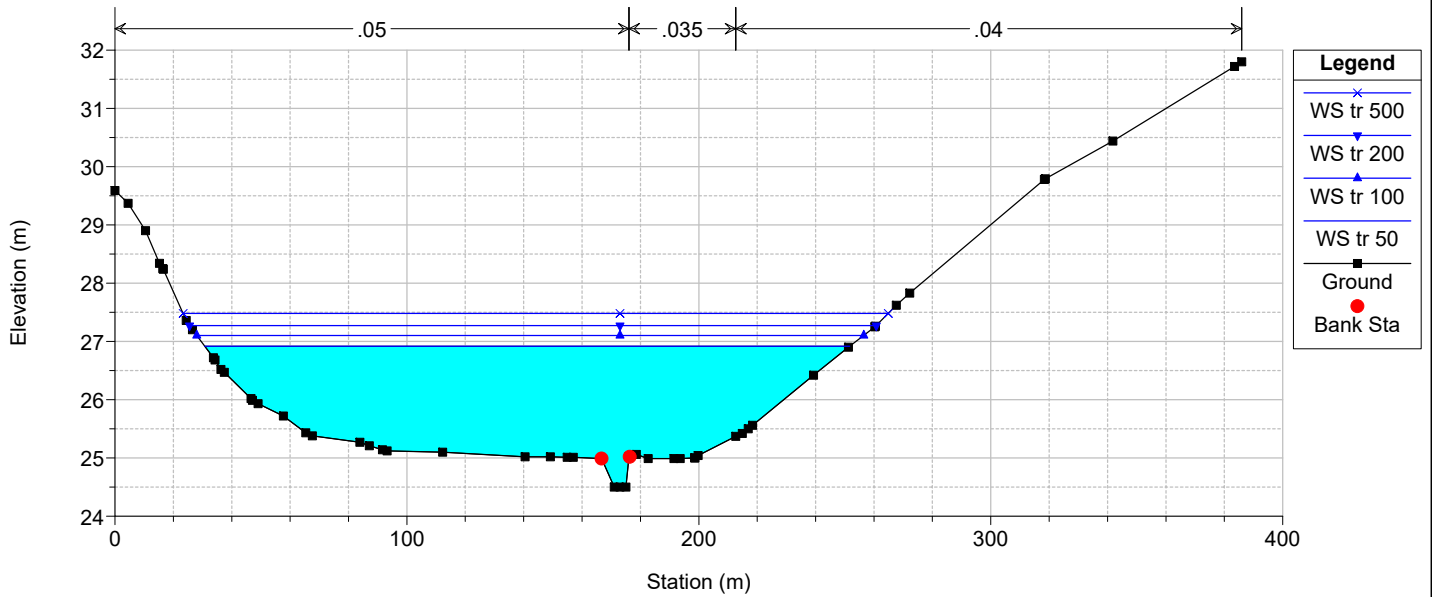
River = Rio filibertu Reach = Monte RS = 939.50 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

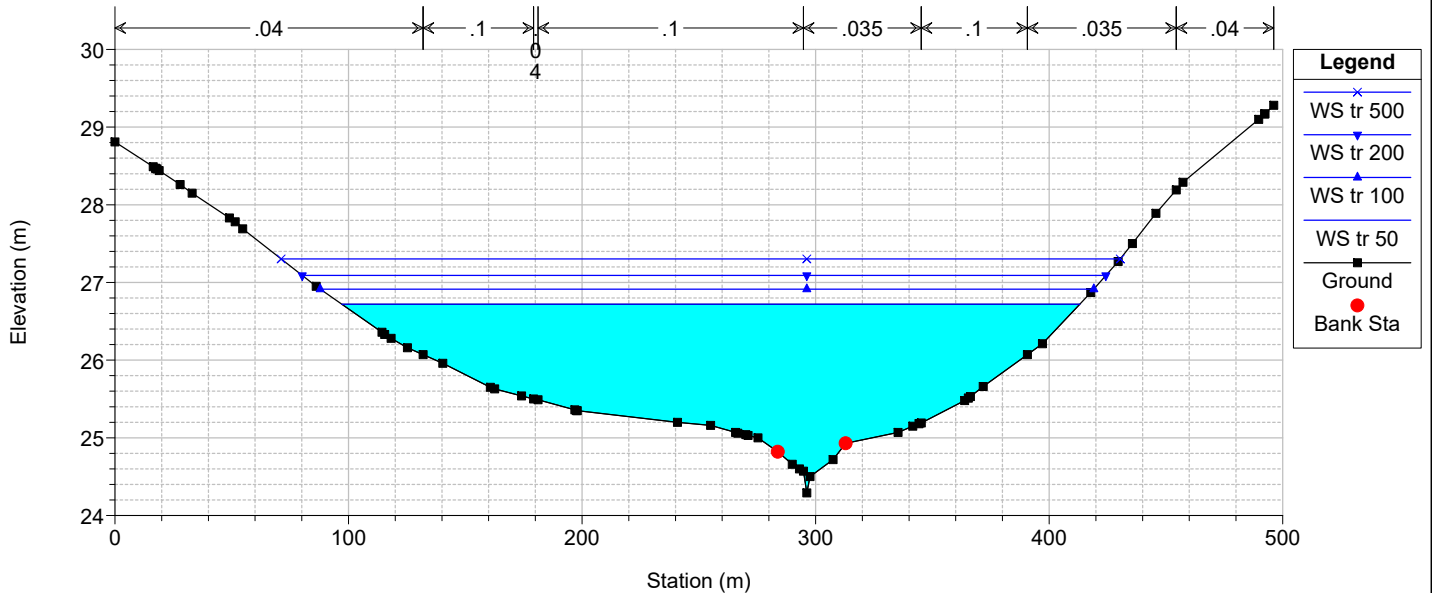
River = Rio filibertu Reach = Monte RS = 919.44 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

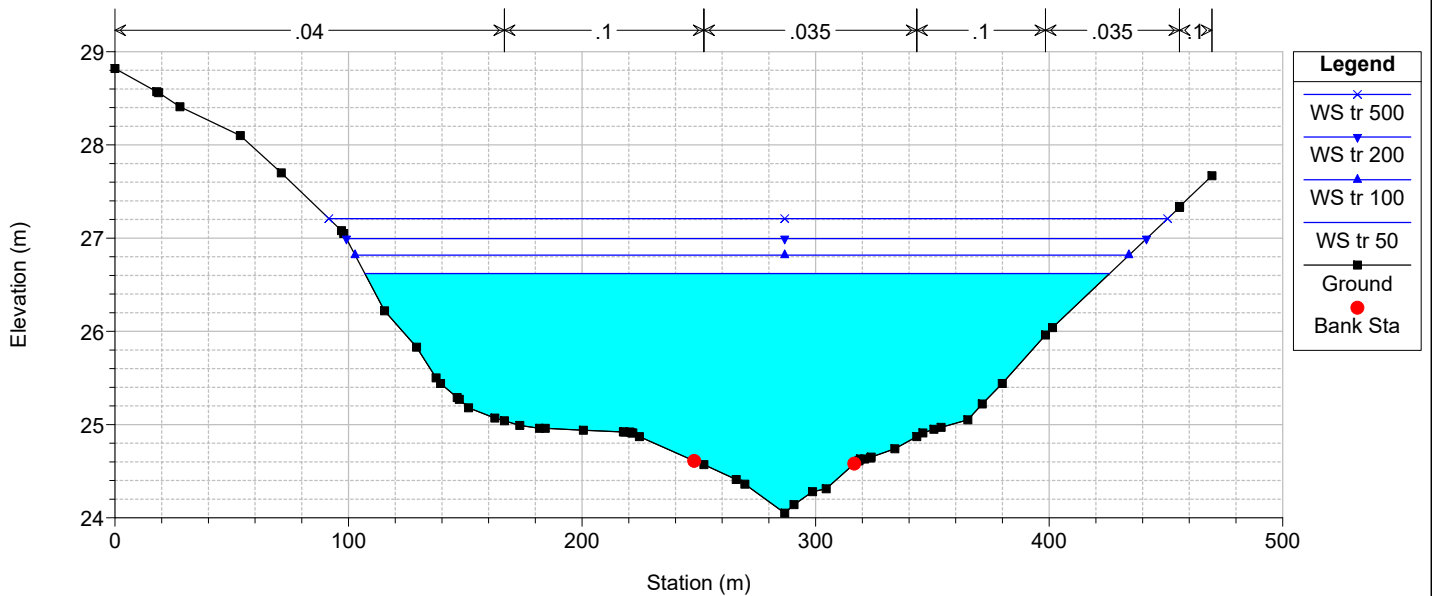
River = Rio filibertu Reach = Valle RS = 692.24 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

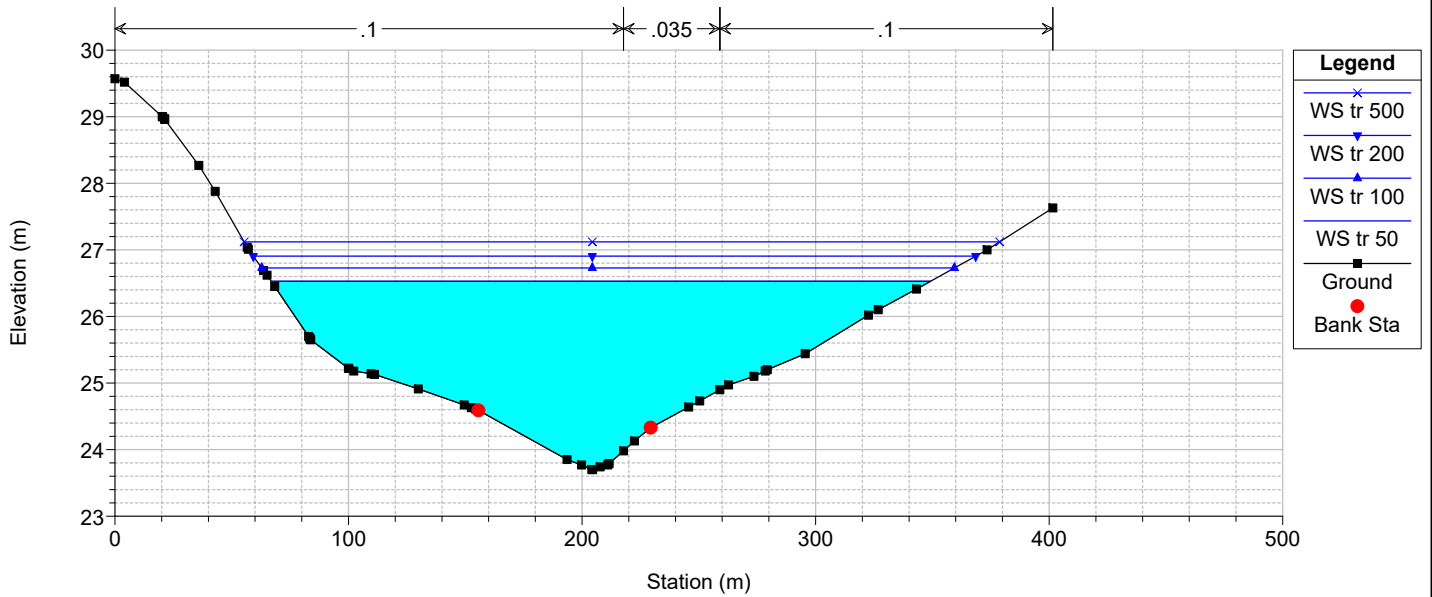
River = Rio filibertu Reach = Valle RS = 554.42 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

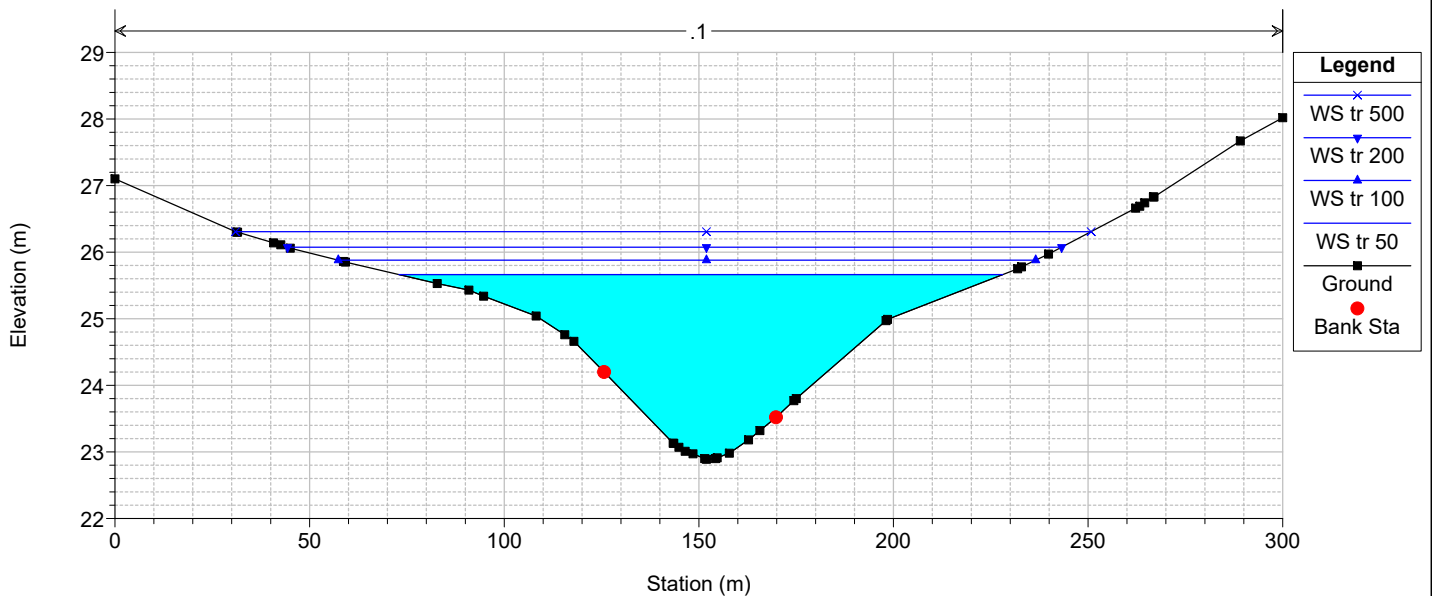
River = Rio filibertu Reach = Valle RS = 430.57 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

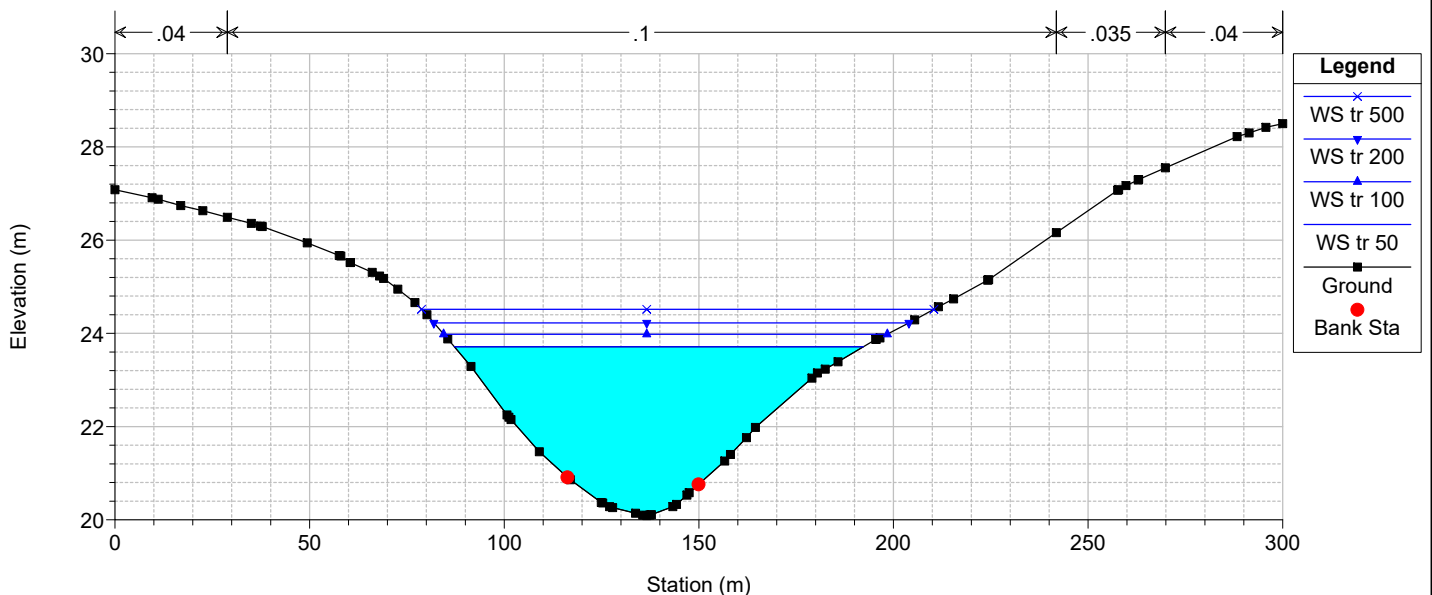
River = Rio filibertu Reach = Valle RS = 216.35 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



08022016 Plan: Plan 02 2/9/2021

Geom: 08022016 Flow: 09022021

River = Rio filibertu Reach = Valle RS = 21.06 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	3751.07	tr 50	135.51	33.20	34.47	34.29	34.66	0.006463	2.15	75.65	118.19	0.65
Monte	3751.07	tr 100	160.66	33.20	34.55	34.38	34.77	0.006614	2.29	86.54	134.23	0.67
Monte	3751.07	tr 200	185.99	33.20	34.63	34.48	34.86	0.006781	2.41	97.19	151.05	0.68
Monte	3751.07	tr 500	219.70	33.20	34.72	34.60	34.97	0.006885	2.55	113.25	200.02	0.70
Monte	3625.09	tr 50	135.51	32.57	33.48	33.41	33.67	0.009870	2.13	78.55	168.71	0.76
Monte	3625.09	tr 100	160.66	32.57	33.54	33.50	33.74	0.010254	2.27	88.45	186.38	0.79
Monte	3625.09	tr 200	185.99	32.57	33.59	33.56	33.81	0.010523	2.39	98.64	207.10	0.80
Monte	3625.09	tr 500	219.70	32.57	33.65	33.64	33.90	0.010857	2.54	111.79	224.37	0.83
Monte	3477.60	tr 50	135.51	31.77	32.48		32.57	0.005558	1.34	107.87	219.90	0.55
Monte	3477.60	tr 100	160.66	31.77	32.54		32.64	0.005402	1.41	122.36	228.05	0.55
Monte	3477.60	tr 200	185.99	31.77	32.60		32.71	0.005296	1.48	136.19	235.48	0.55
Monte	3477.60	tr 500	219.70	31.77	32.68		32.79	0.005161	1.56	154.08	244.76	0.55
Monte	3302.14	tr 50	135.51	30.87	31.77		31.84	0.003208	1.19	125.35	214.35	0.43
Monte	3302.14	tr 100	160.66	30.87	31.84		31.91	0.003223	1.26	141.07	224.27	0.44
Monte	3302.14	tr 200	185.99	30.87	31.91		31.99	0.003220	1.33	156.34	231.94	0.45
Monte	3302.14	tr 500	219.70	30.87	31.99		32.08	0.003242	1.41	175.31	241.21	0.45
Monte	3136.04	tr 50	135.51	30.16	30.86		30.99	0.008988	1.68	89.50	199.15	0.69
Monte	3136.04	tr 100	160.66	30.16	30.91		31.06	0.009213	1.80	99.86	205.86	0.71
Monte	3136.04	tr 200	185.99	30.16	30.96		31.12	0.009516	1.91	109.34	211.81	0.73
Monte	3136.04	tr 500	219.70	30.16	31.02		31.20	0.009676	2.03	122.09	219.57	0.75
Monte	2986.62	tr 50	135.51	29.92	30.47	30.44	30.49	0.001590	0.59	219.40	455.94	0.28
Monte	2986.62	tr 100	160.66	29.92	30.51	30.44	30.54	0.001645	0.64	241.08	458.57	0.29
Monte	2986.62	tr 200	185.99	29.92	30.56	30.44	30.59	0.001668	0.68	262.68	460.96	0.29
Monte	2986.62	tr 500	219.70	29.92	30.62	30.44	30.65	0.001726	0.74	287.99	463.73	0.30
Monte	2763.45	tr 50	135.51	29.31	30.13		30.15	0.001463	0.77	252.80	661.76	0.29
Monte	2763.45	tr 100	160.66	29.31	30.19		30.21	0.001353	0.78	292.45	683.63	0.28
Monte	2763.45	tr 200	185.99	29.31	30.25		30.27	0.001239	0.79	334.42	7	

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	919.44	tr 50	135.51	24.50	26.92		26.93	0.000184	0.47	331.70	220.91	0.10
Monte	919.44	tr 100	160.66	24.50	27.10		27.11	0.000182	0.49	373.34	228.49	0.10
Monte	919.44	tr 200	185.99	24.50	27.27		27.28	0.000181	0.51	412.84	235.21	0.10
Monte	919.44	tr 500	219.70	24.50	27.48		27.49	0.000179	0.54	462.52	241.56	0.10

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
Valle	692.24	tr 50	314.36	24.29	26.72		26.77	0.001685	1.44	388.06	316.04	0.32
Valle	692.24	tr 100	370.76	24.29	26.91		26.97	0.001532	1.46	450.68	331.25	0.31
Valle	692.24	tr 200	427.42	24.29	27.09		27.14	0.001425	1.48	510.04	344.03	0.30
Valle	692.24	tr 500	502.56	24.29	27.30		27.36	0.001319	1.50	585.26	359.27	0.30
Valle	554.42	tr 50	314.36	24.05	26.62		26.66	0.000488	1.06	489.10	318.90	0.22
Valle	554.42	tr 100	370.76	24.05	26.82		26.85	0.000480	1.11	553.09	331.34	0.22
Valle	554.42	tr 200	427.42	24.05	26.99		27.04	0.000476	1.16	612.98	342.57	0.23
Valle	554.42	tr 500	502.56	24.05	27.21		27.25	0.000476	1.22	688.35	359.15	0.23
Valle	430.57	tr 50	314.36	23.70	26.53		26.56	0.001282	0.83	430.81	282.46	0.17
Valle	430.57	tr 100	370.76	23.70	26.73		26.76	0.001278	0.88	488.13	296.62	0.17
Valle	430.57	tr 200	427.42	23.70	26.91		26.94	0.001286	0.92	542.08	309.37	0.17
Valle	430.57	tr 500	502.56	23.70	27.12		27.16	0.001297	0.97	610.21	323.51	0.18
Valle	216.35	tr 50	314.36	22.89	25.66		25.87	0.016461	2.26	180.63	155.13	0.47
Valle	216.35	tr 100	370.76	22.89	25.88		26.09	0.015160	2.30	216.82	179.16	0.46
Valle	216.35	tr 200	427.42	22.89	26.07		26.28	0.014044	2.33	253.60	198.86	0.45
Valle	216.35	tr 500	502.56	22.89	26.31		26.51	0.012814	2.35	302.36	219.79	0.43
Valle	21.06	tr 50	314.36	20.09	23.71	22.31	23.85	0.007013	1.87	212.09	105.05	0.33
Valle	21.06	tr 100	370.76	20.09	23.98	22.50	24.13	0.007000	1.97	241.74	113.97	0.33
Valle	21.06	tr 200	427.42	20.09	24.22	22.67	24.38	0.007007	2.06	270.43	122.04	0.33
Valle	21.06	tr 500	502.56	20.09	24.52	22.87	24.69	0.007009	2.16	307.37	131.62	0.34

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**

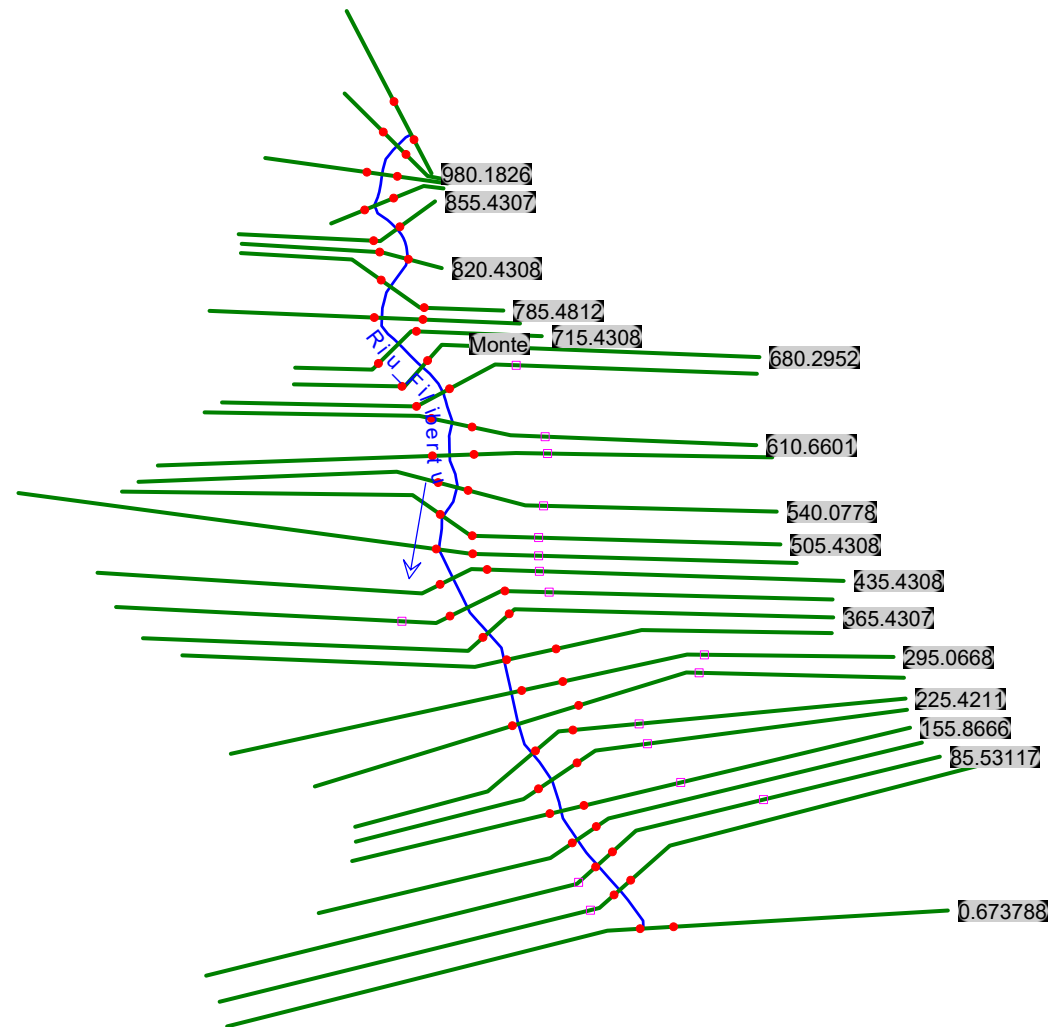
SIMULAZIONI IN MOTO PERMANENTE

Modello 14 : Rio Filibertu (monte)

- 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;

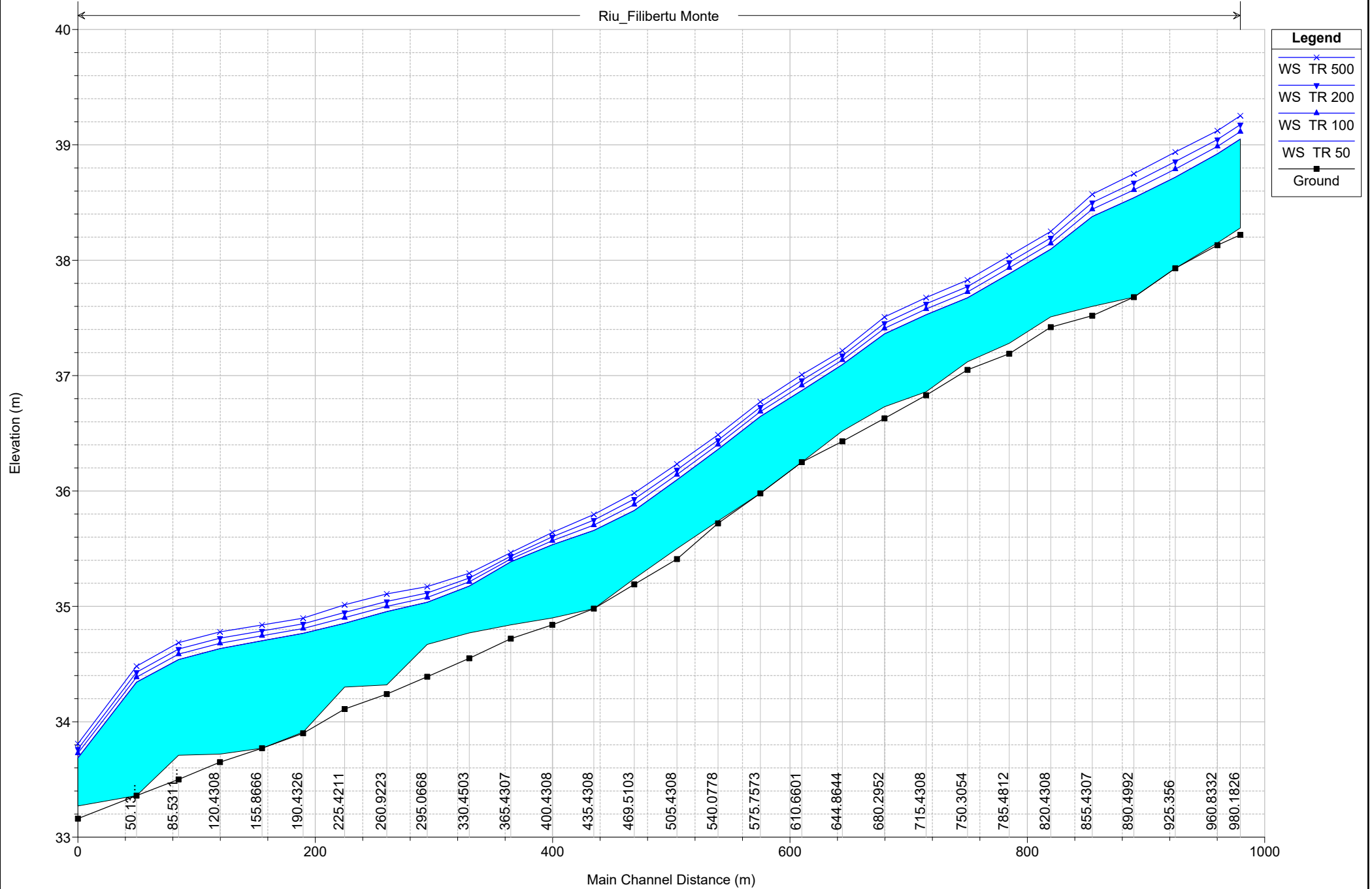
River	Reach	RS	PORTATE mc/s			
			TR 50	TR 100	TR 200	TR 500
Riu_Filibertu	Monte	980.1826	47.664	56.365	65.134	76.798

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



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

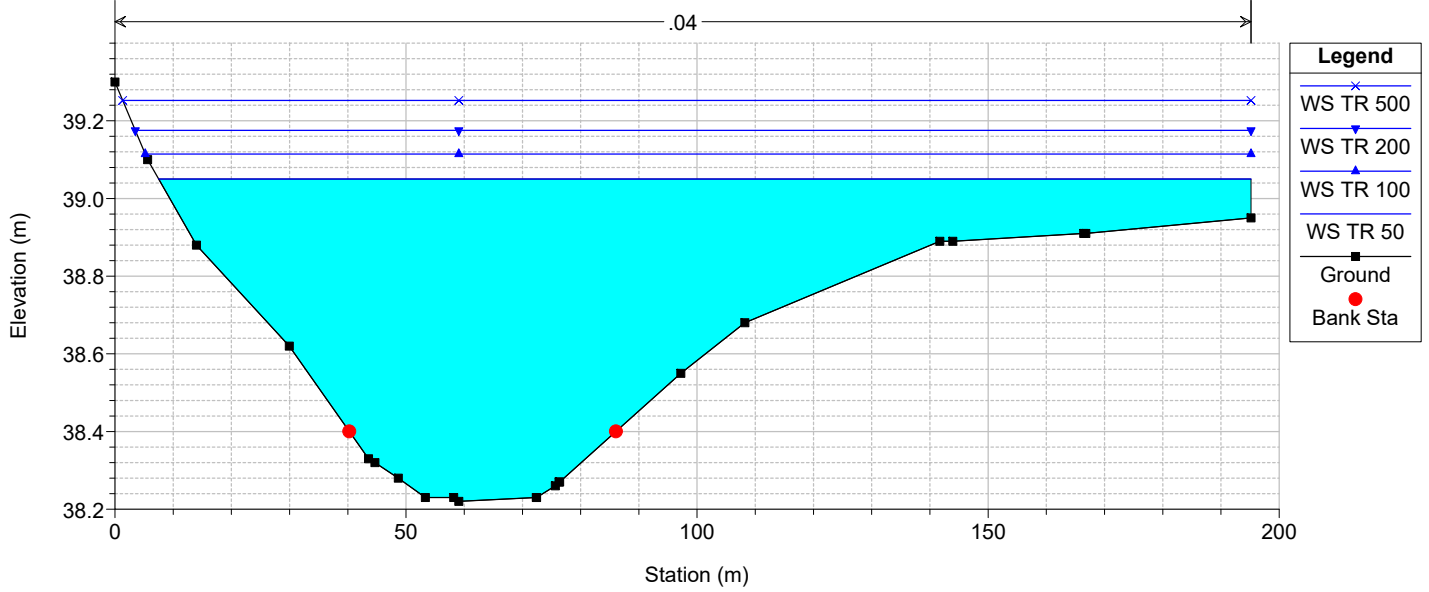
Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

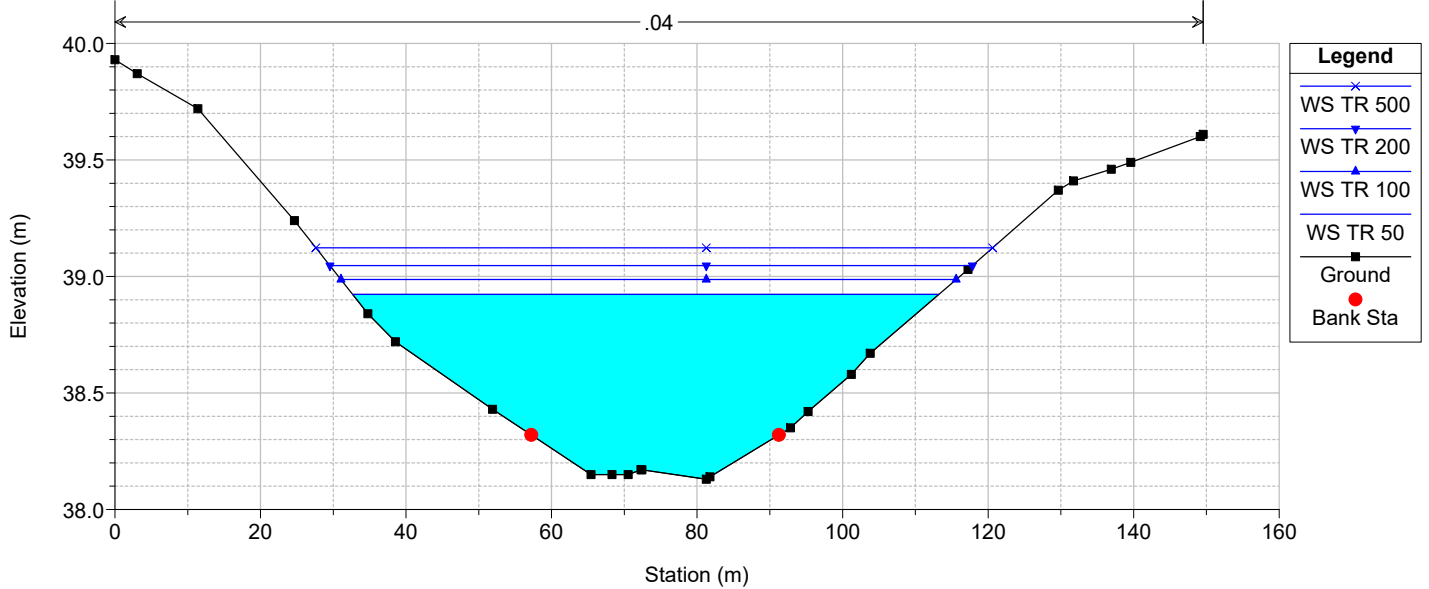
River = Riu_Filibertu Reach = Monte RS = 980.1826 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

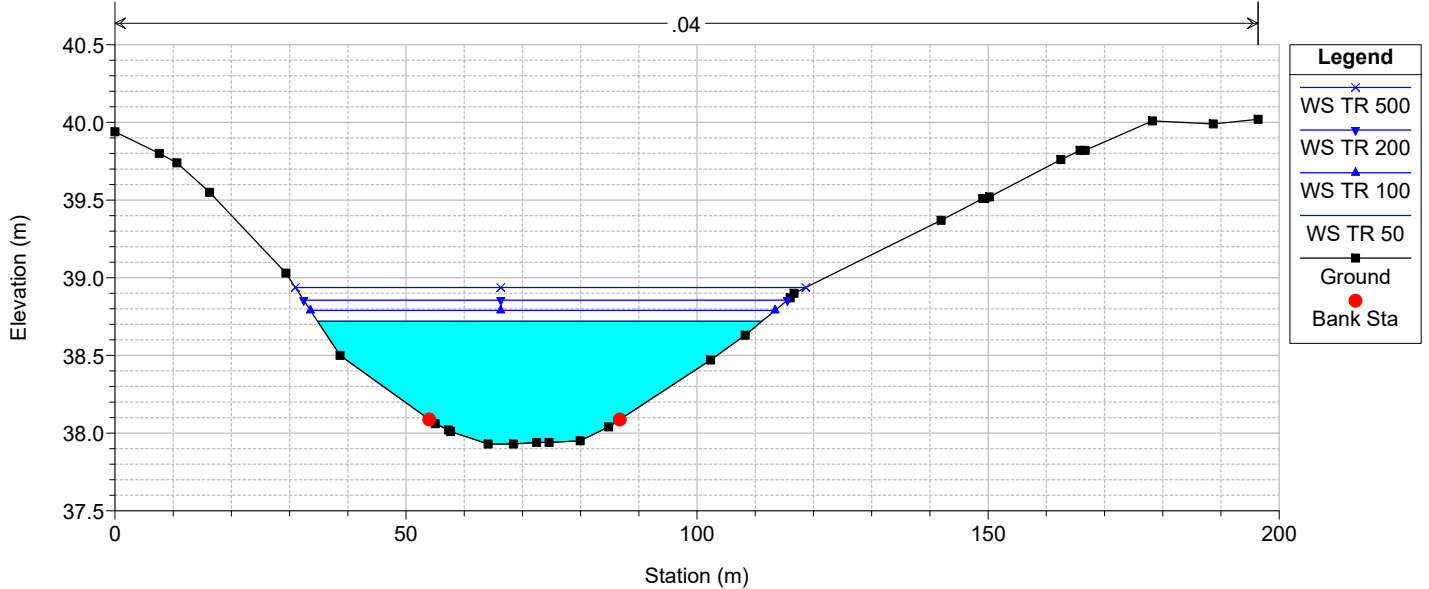
River = Riu_Filibertu Reach = Monte RS = 960.8332 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

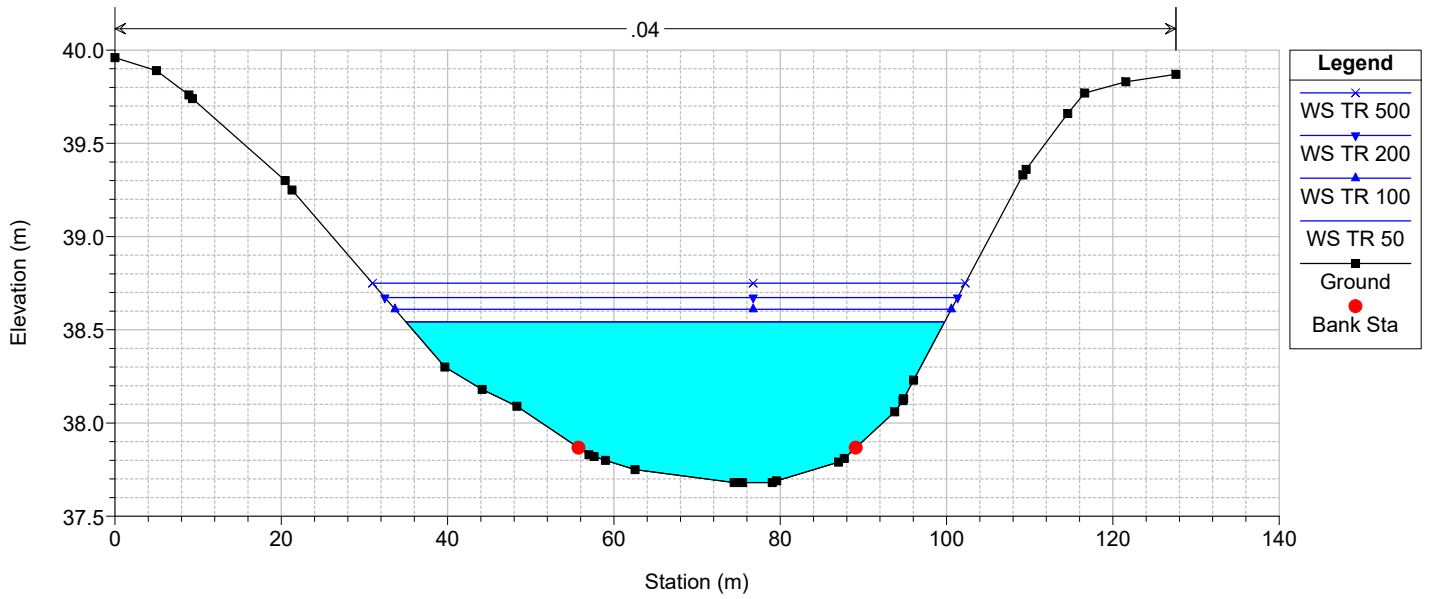
River = Riu_Filibertu Reach = Monte RS = 925.356 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

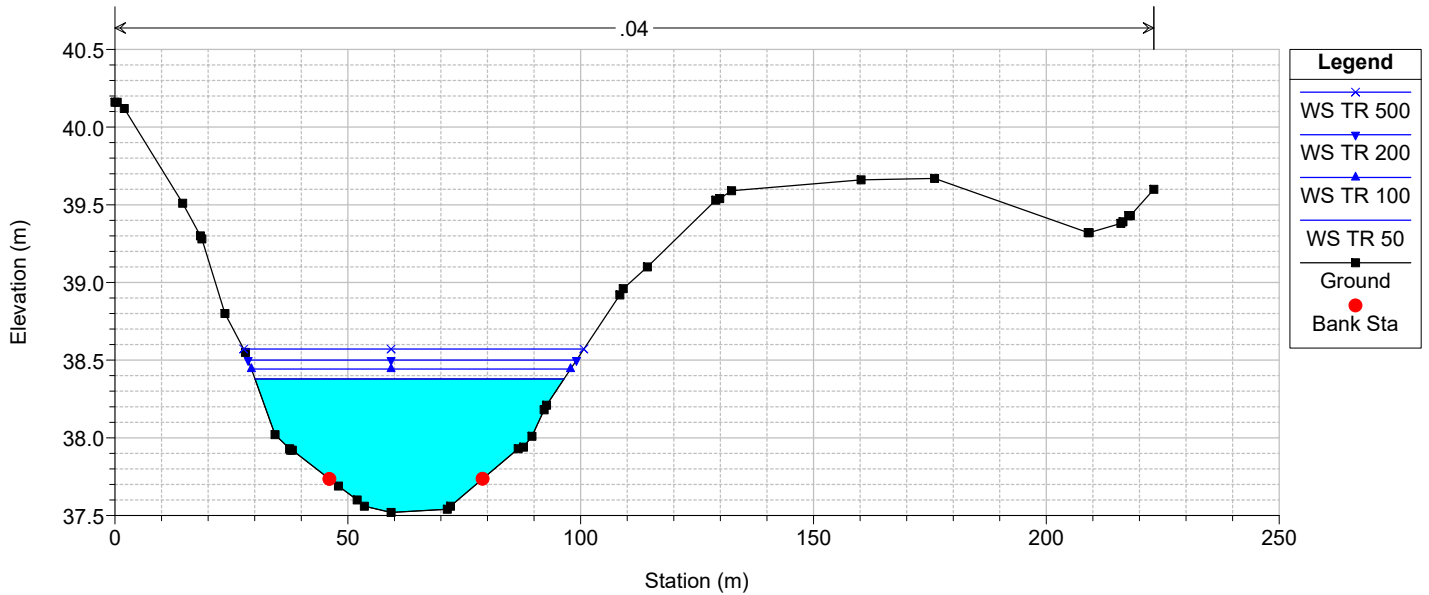
River = Riu_Filibertu Reach = Monte RS = 890.4992 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

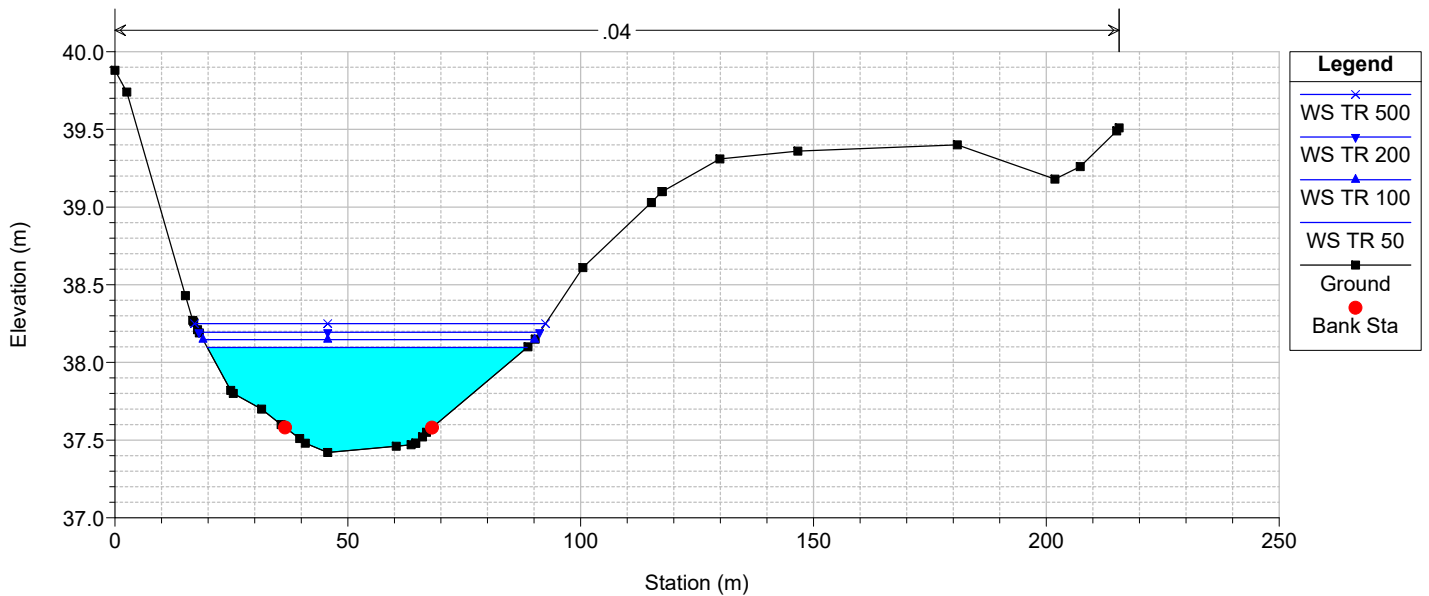
River = Riu_Filibertu Reach = Monte RS = 855.4307 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

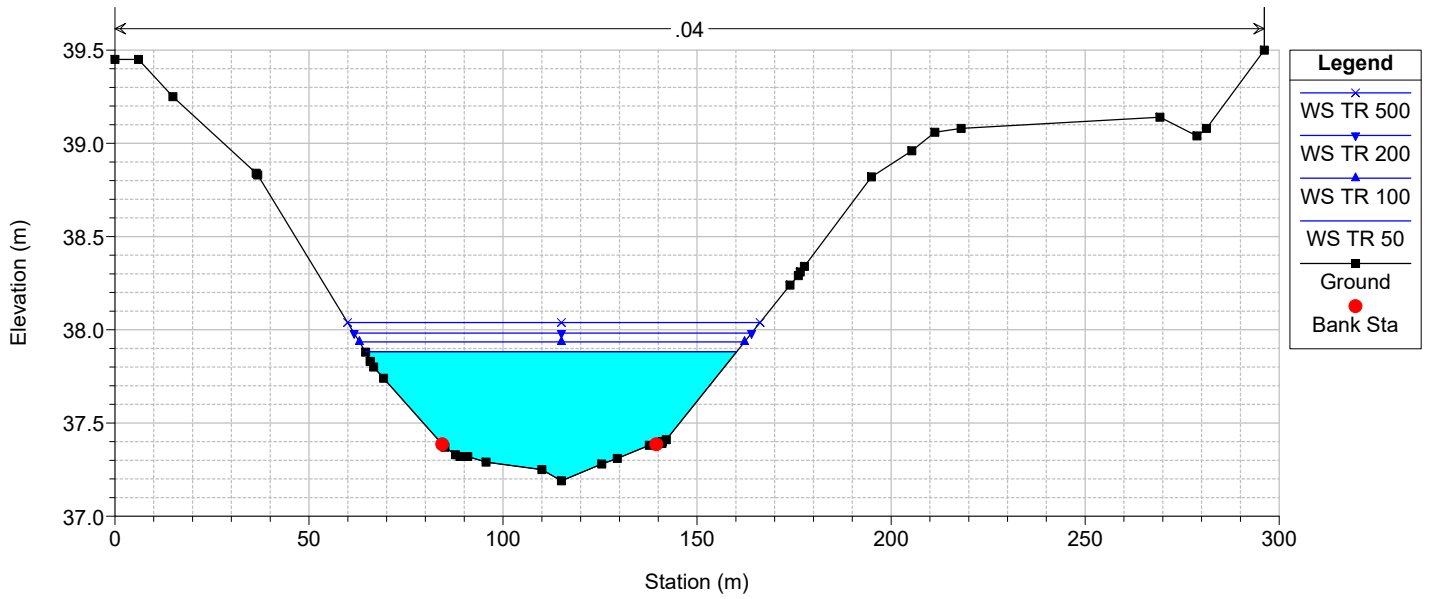
River = Riu_Filibertu Reach = Monte RS = 820.4308 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

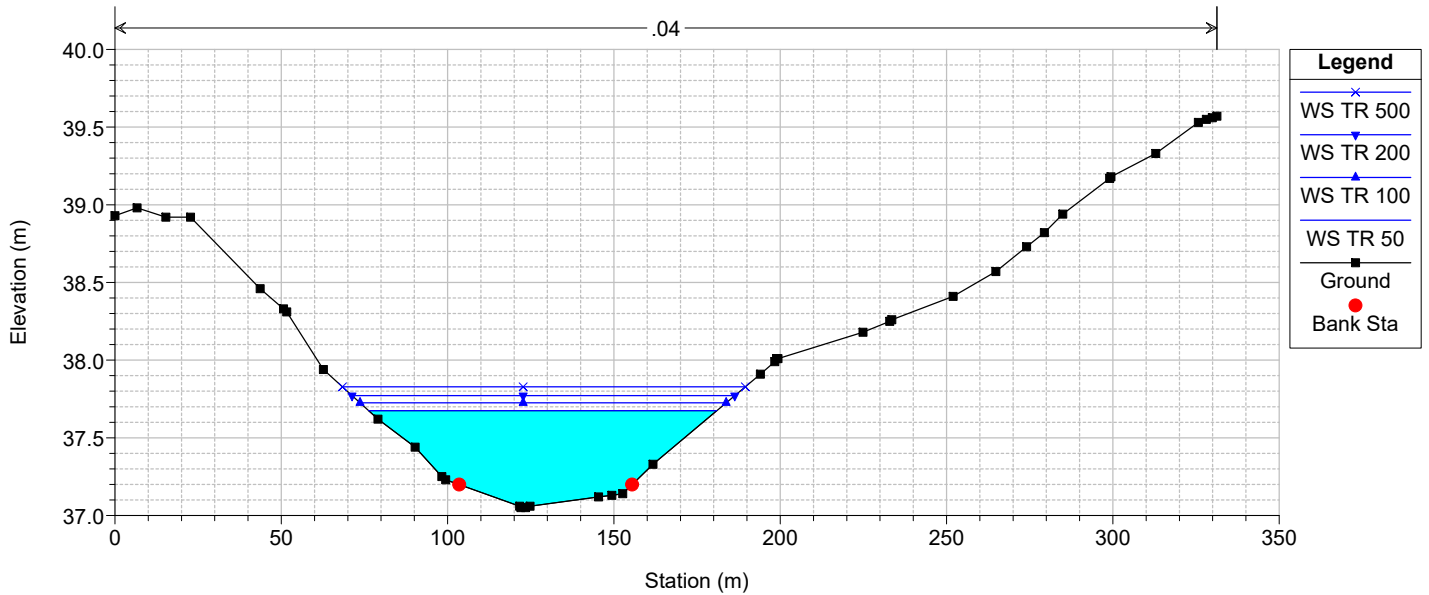
River = Riu_Filibertu Reach = Monte RS = 785.4812 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

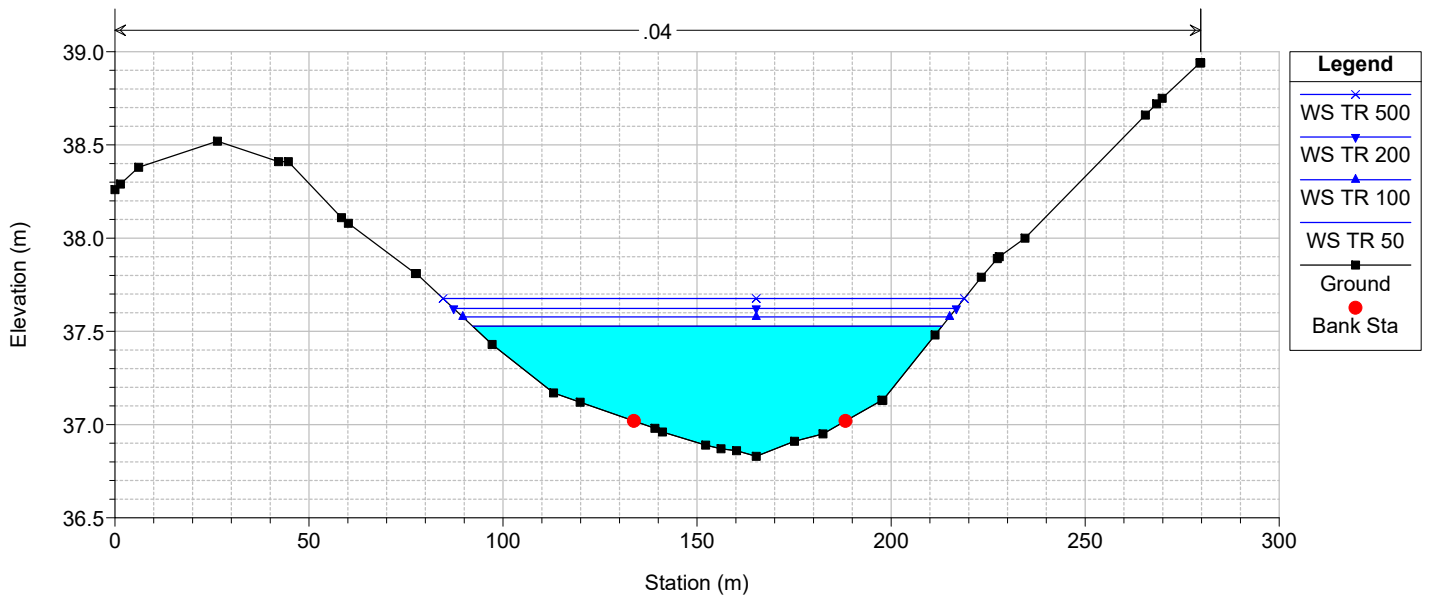
River = Riu_Filibertu Reach = Monte RS = 750.3054 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

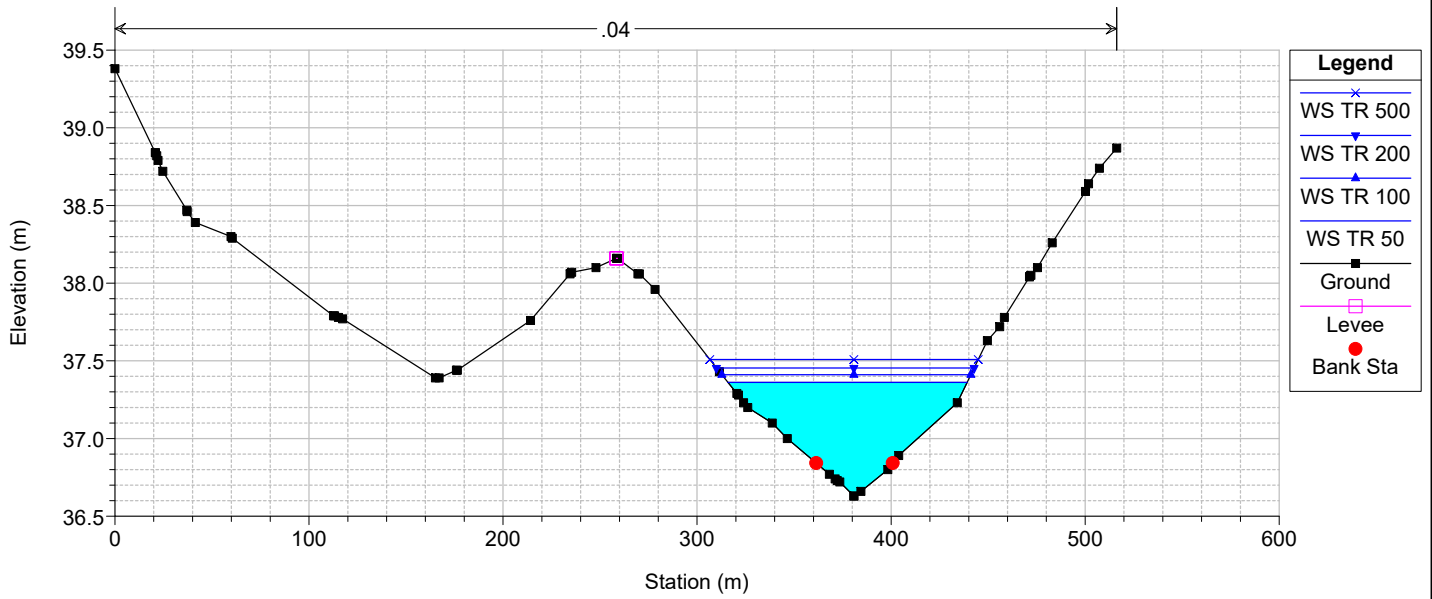
River = Riu_Filibertu Reach = Monte RS = 715.4308 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

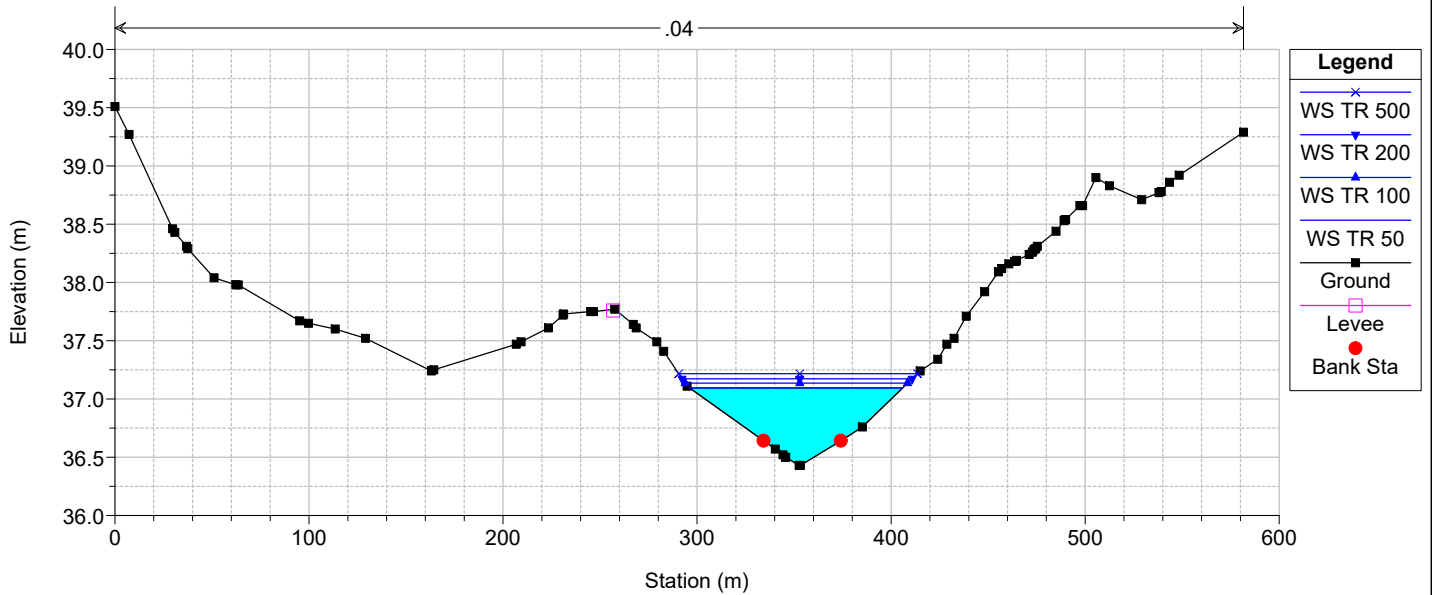
River = Riu_Filibertu Reach = Monte RS = 680.2952 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

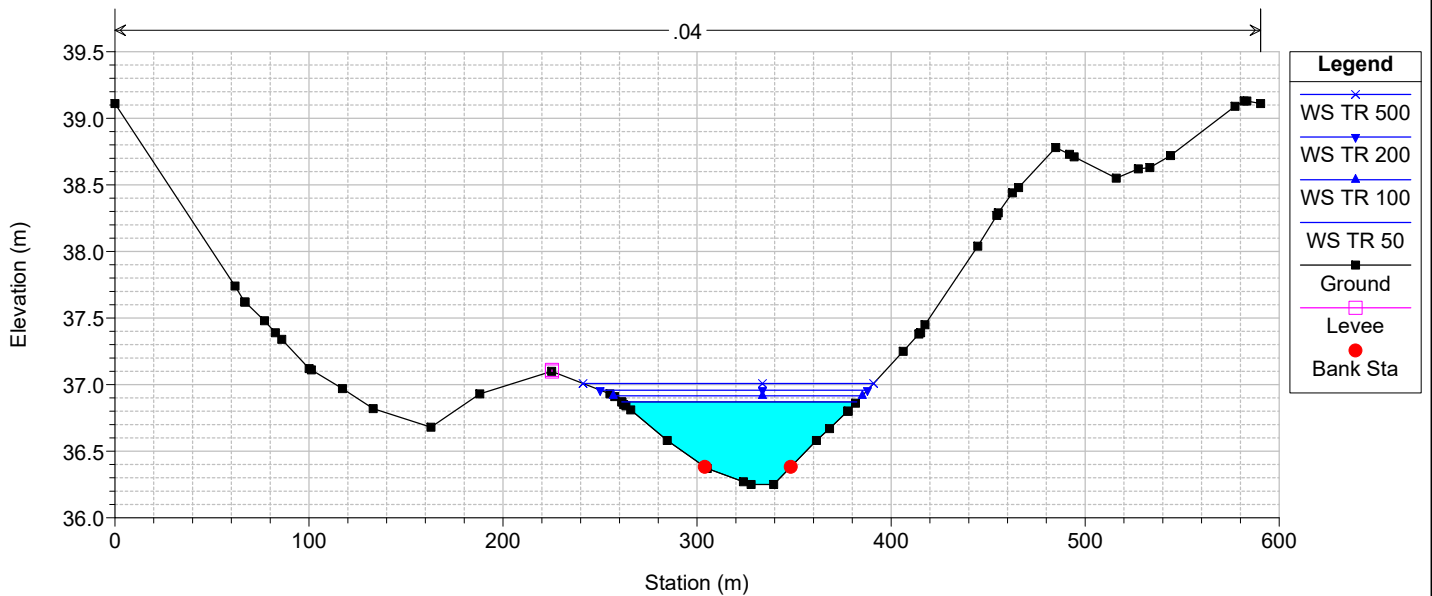
River = Riu_Filibertu Reach = Monte RS = 644.8644 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

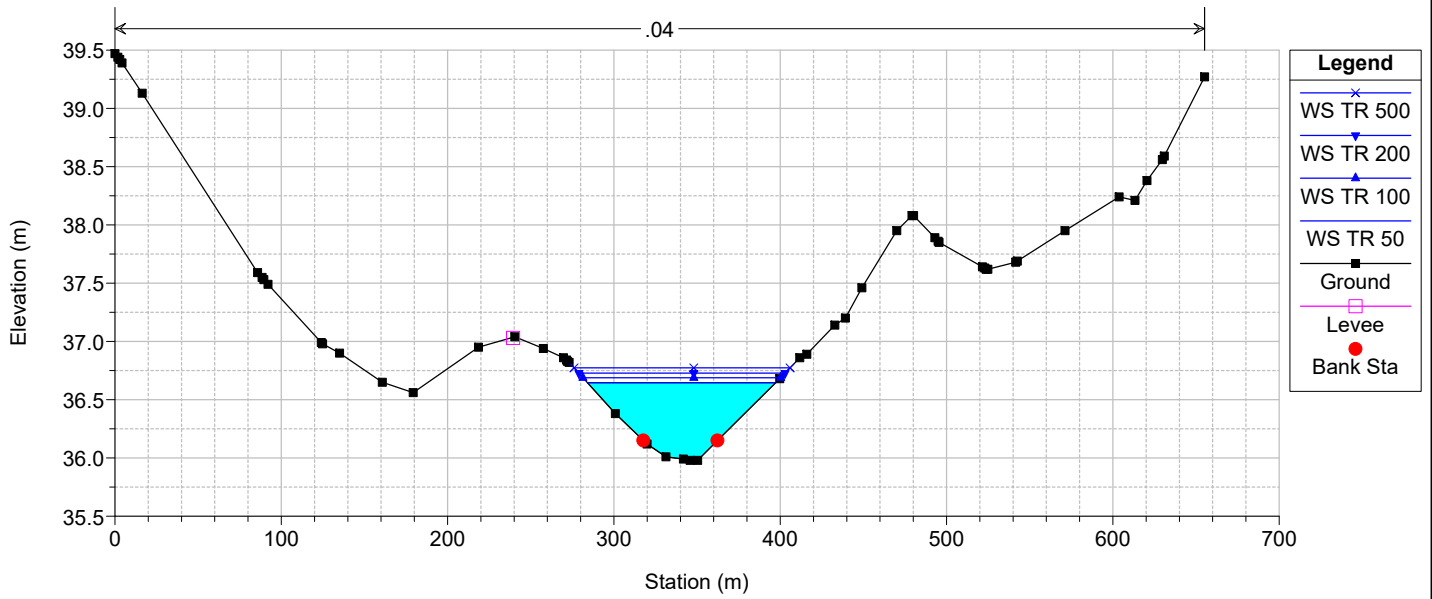
River = Riu_Filibertu Reach = Monte RS = 610.6601 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

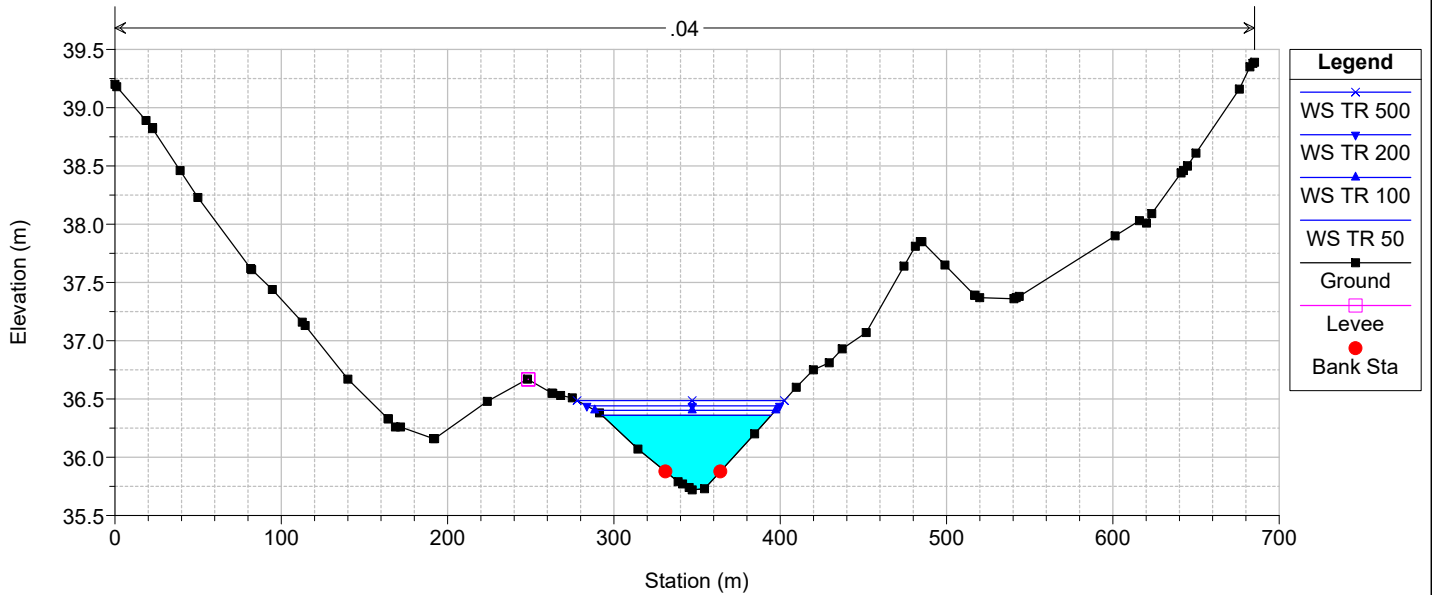
River = Riu_Filibertu Reach = Monte RS = 575.7573 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

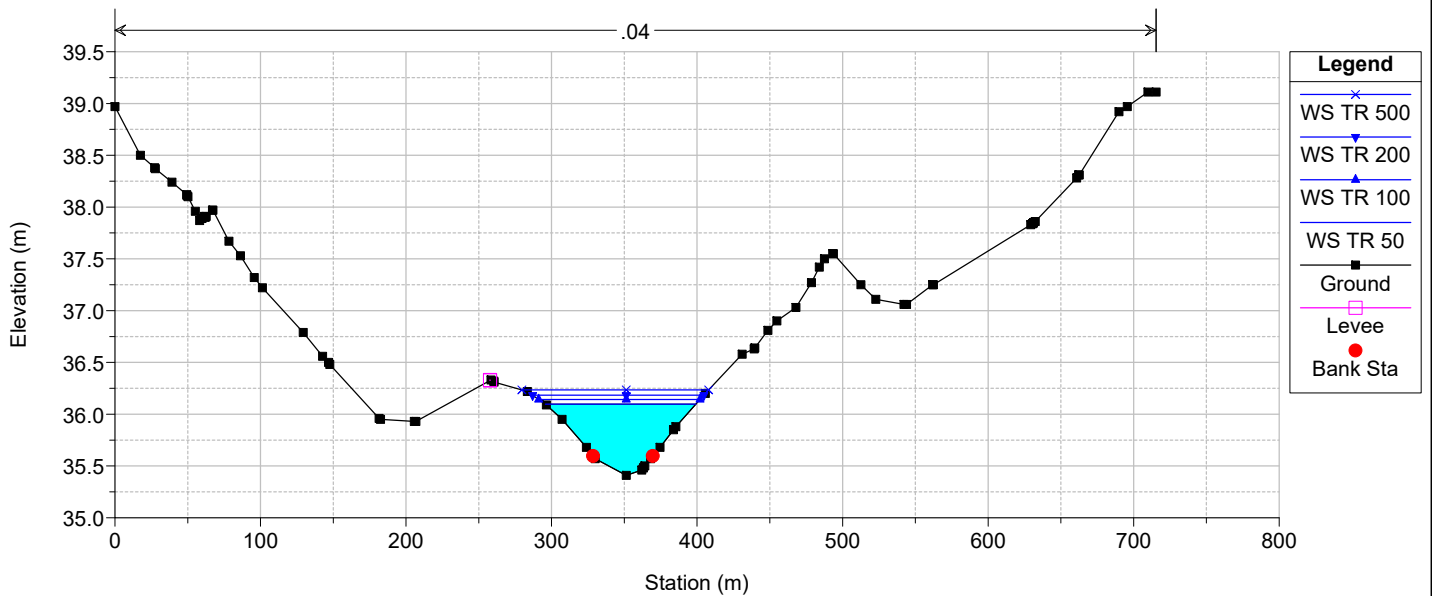
River = Riu_Filibertu Reach = Monte RS = 540.0778 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

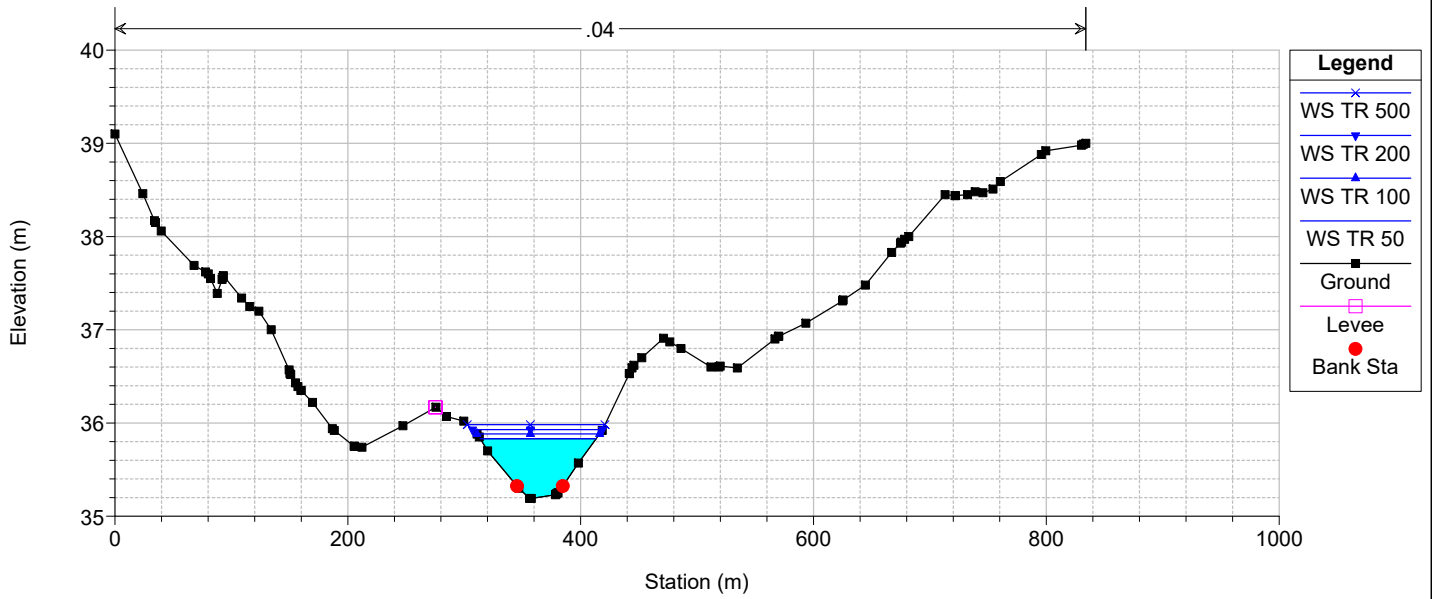
River = Riu_Filibertu Reach = Monte RS = 505.4308 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

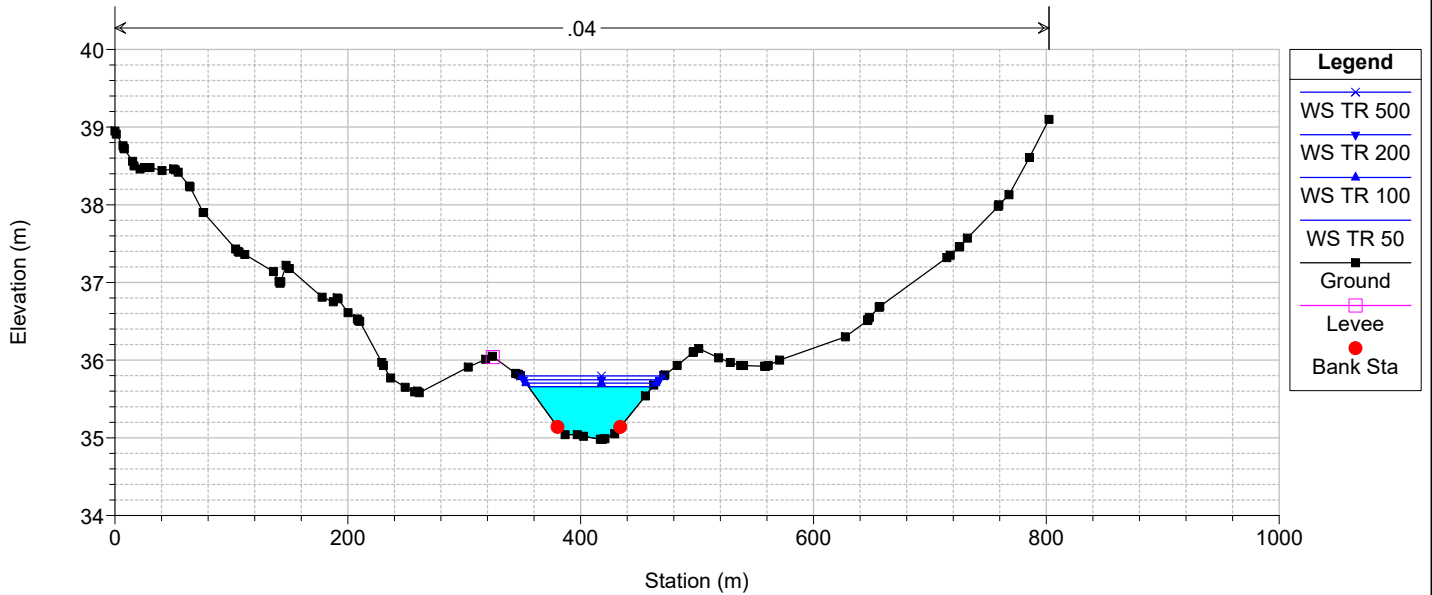
River = Riu_Filibertu Reach = Monte RS = 469.5103 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

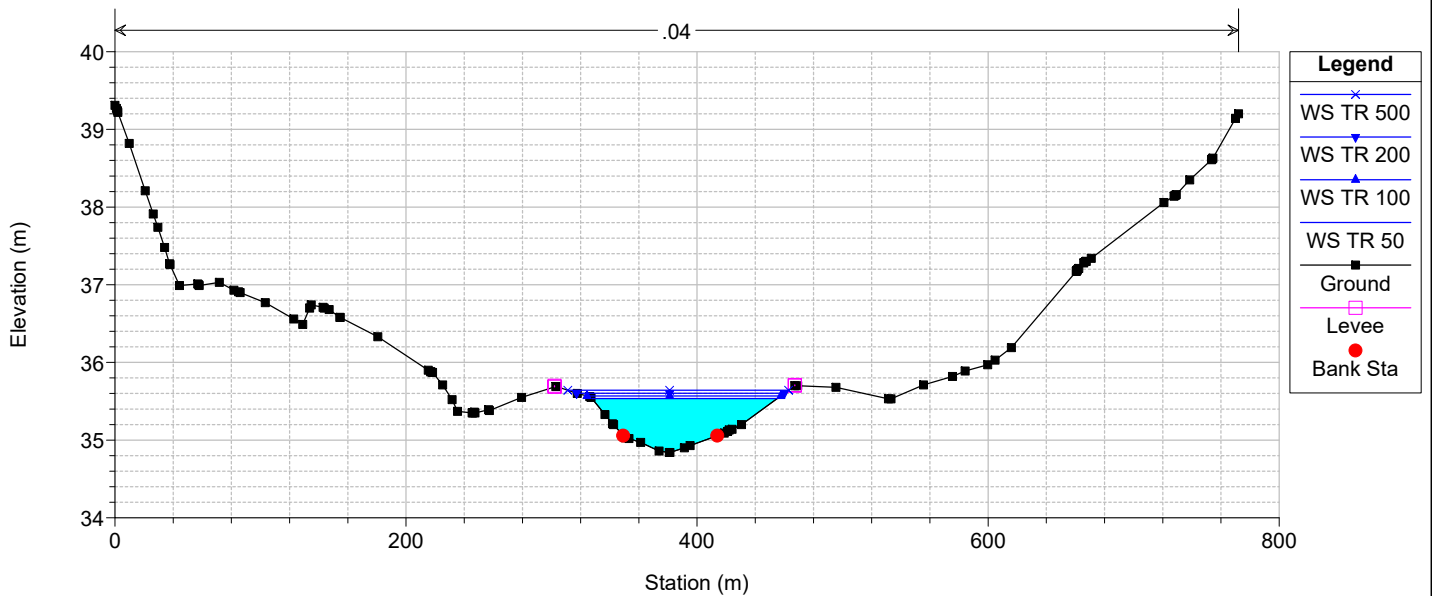
River = Riu_Filibertu Reach = Monte RS = 435.4308 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

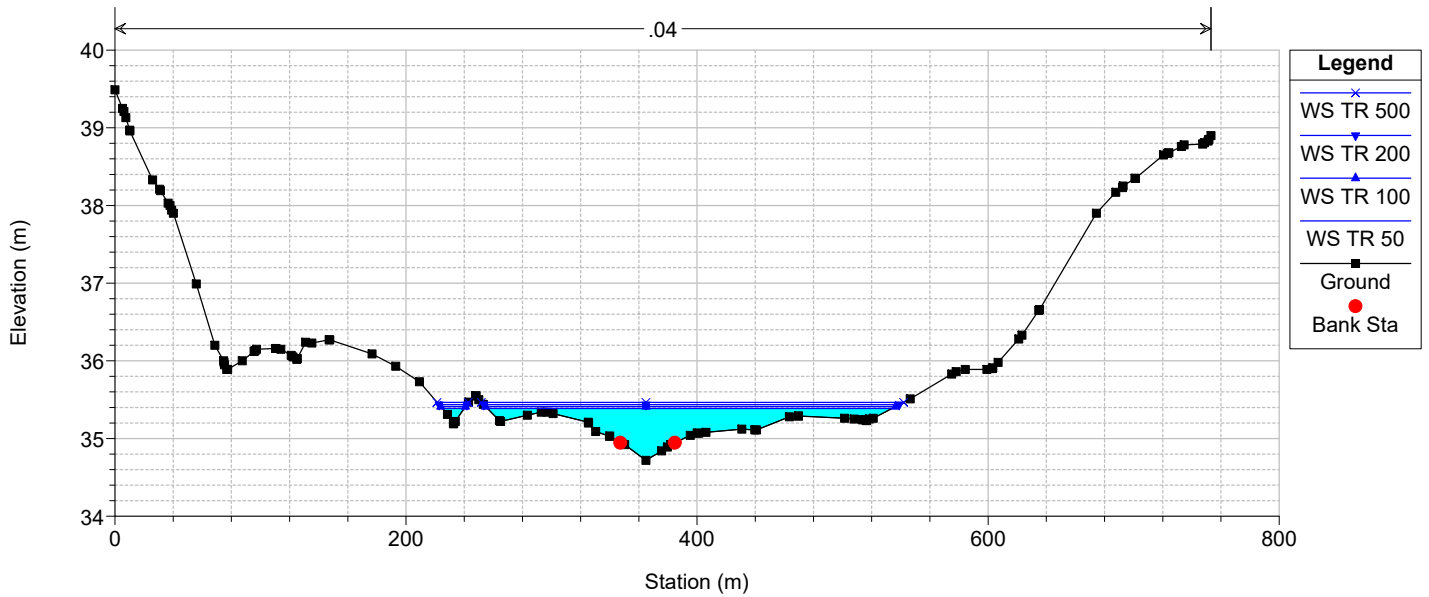
River = Riu_Filibertu Reach = Monte RS = 400.4308 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

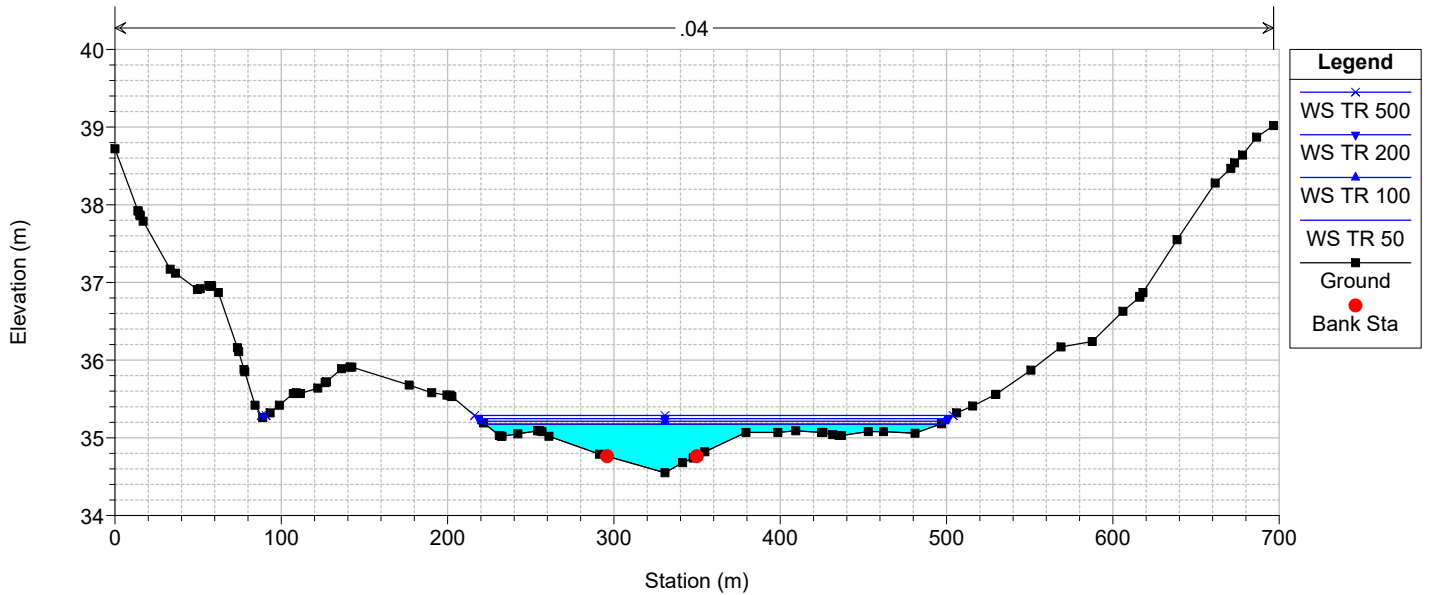
River = Riu_Filibertu Reach = Monte RS = 365.4307 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

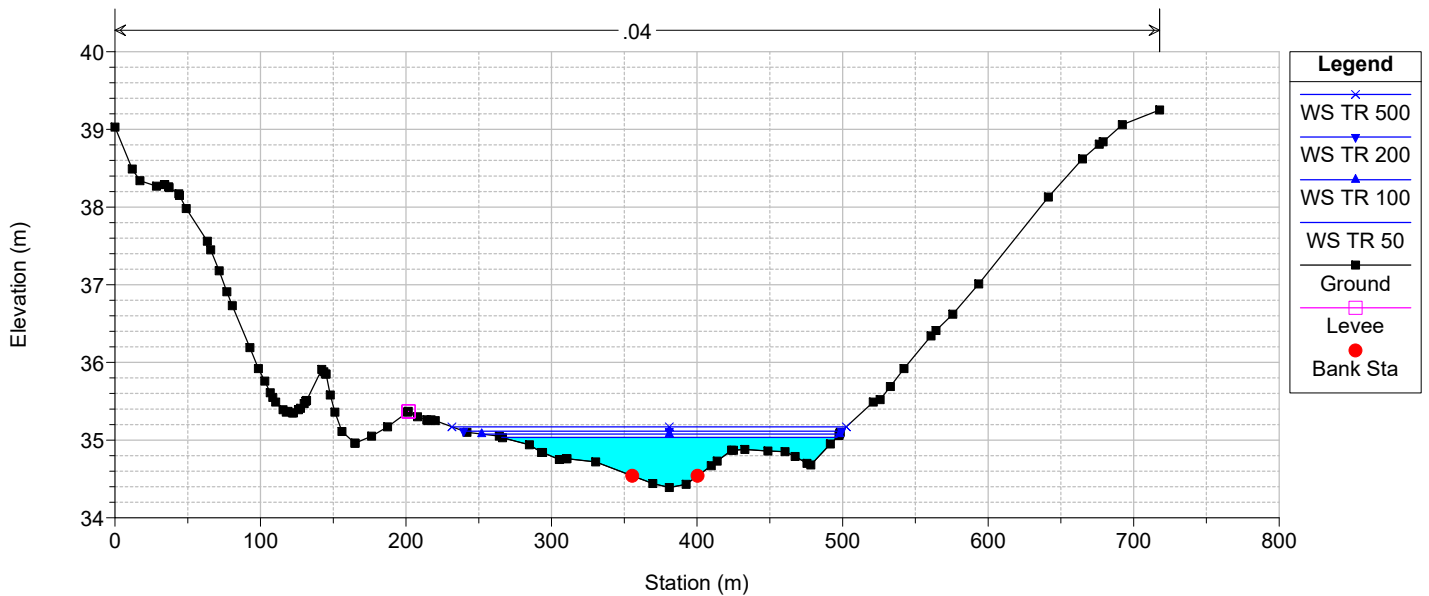
River = Riu_Filibertu Reach = Monte RS = 330.4503 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

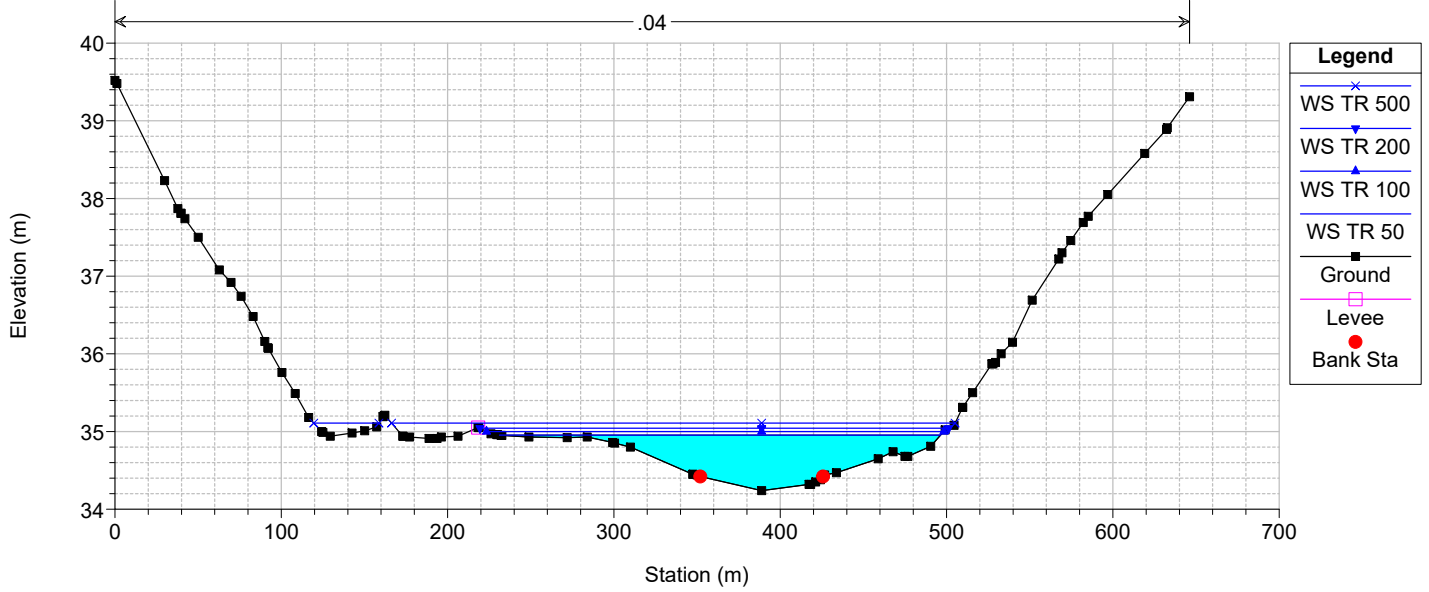
River = Riu_Filibertu Reach = Monte RS = 295.0668 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

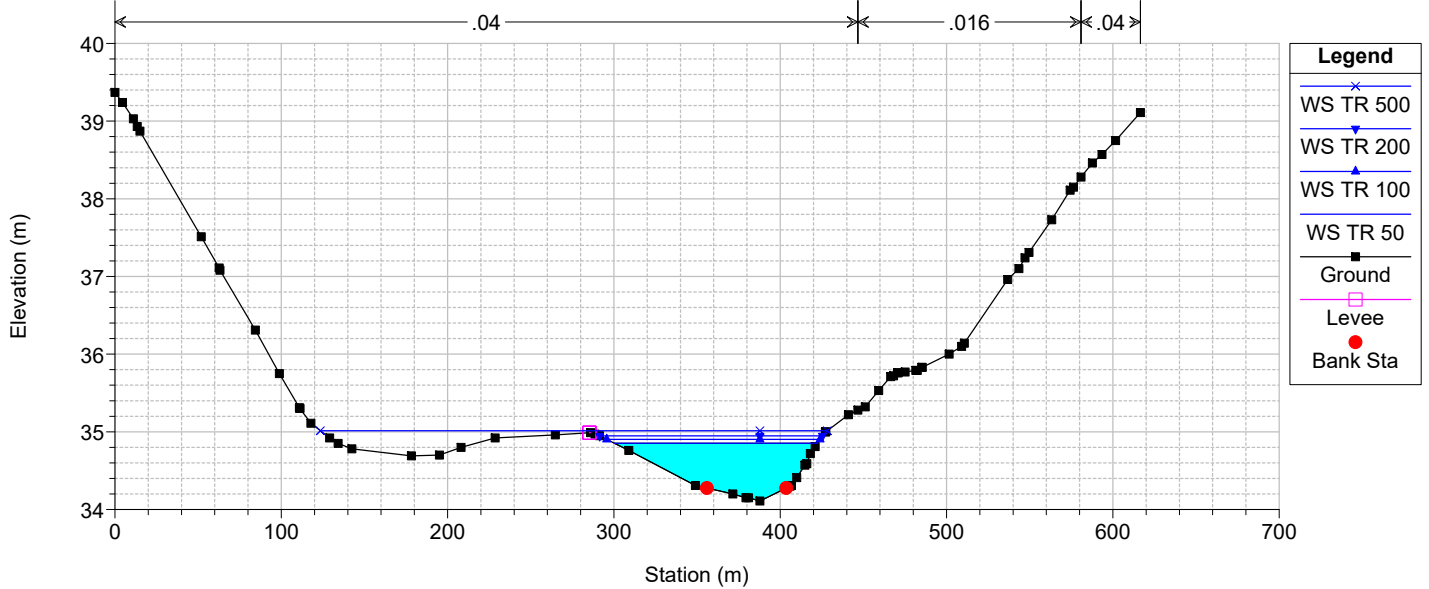
River = Riu_Filibertu Reach = Monte RS = 260.9223 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

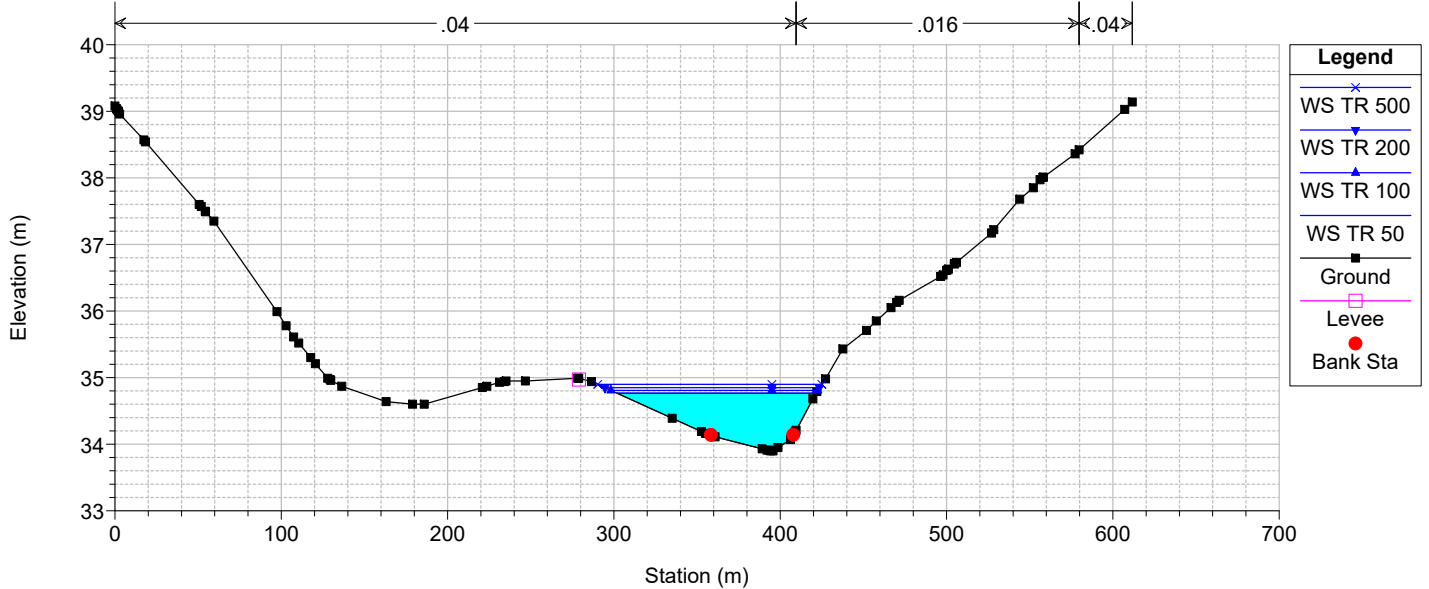
River = Riu_Filibertu Reach = Monte RS = 225.4211 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

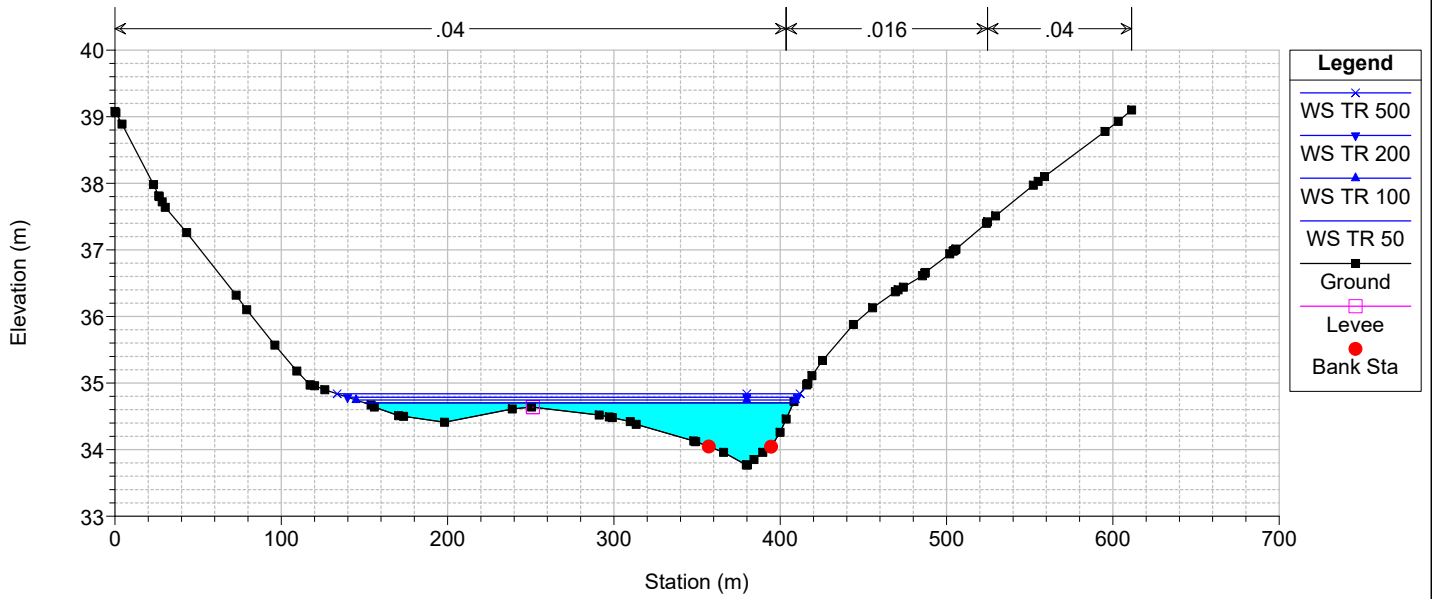
River = Riu_Filibertu Reach = Monte RS = 190.4326 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

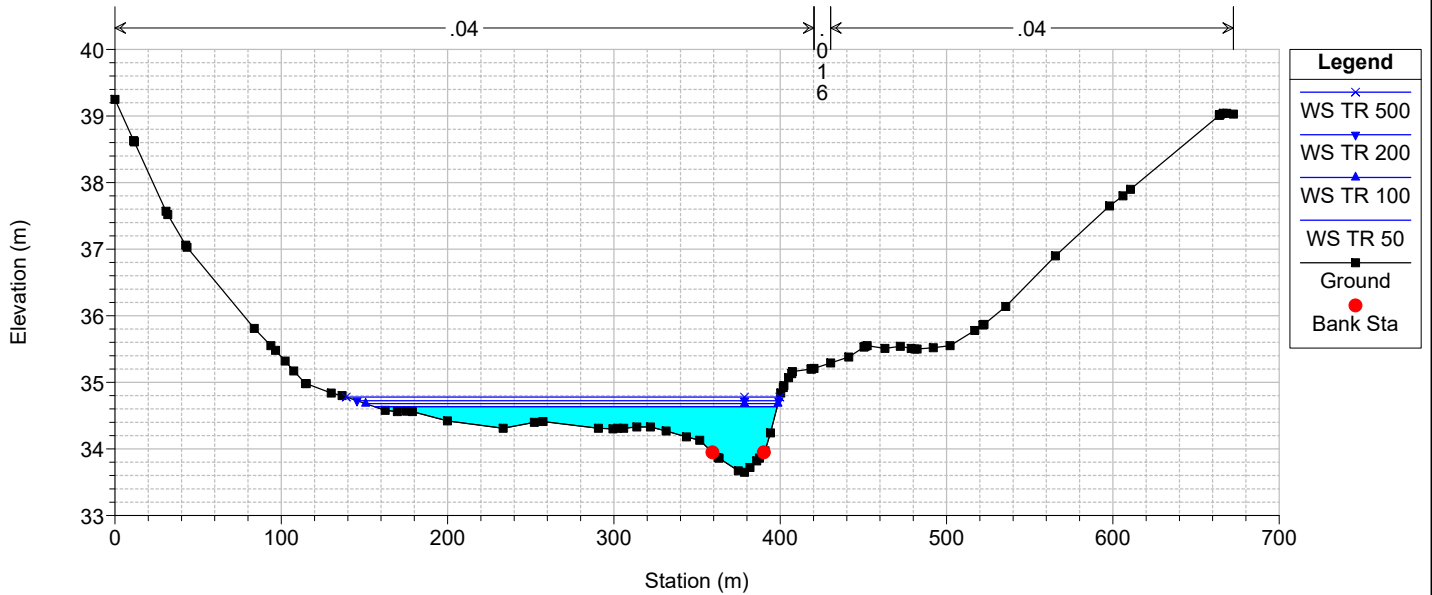
River = Riu_Filibertu Reach = Monte RS = 155.8666 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

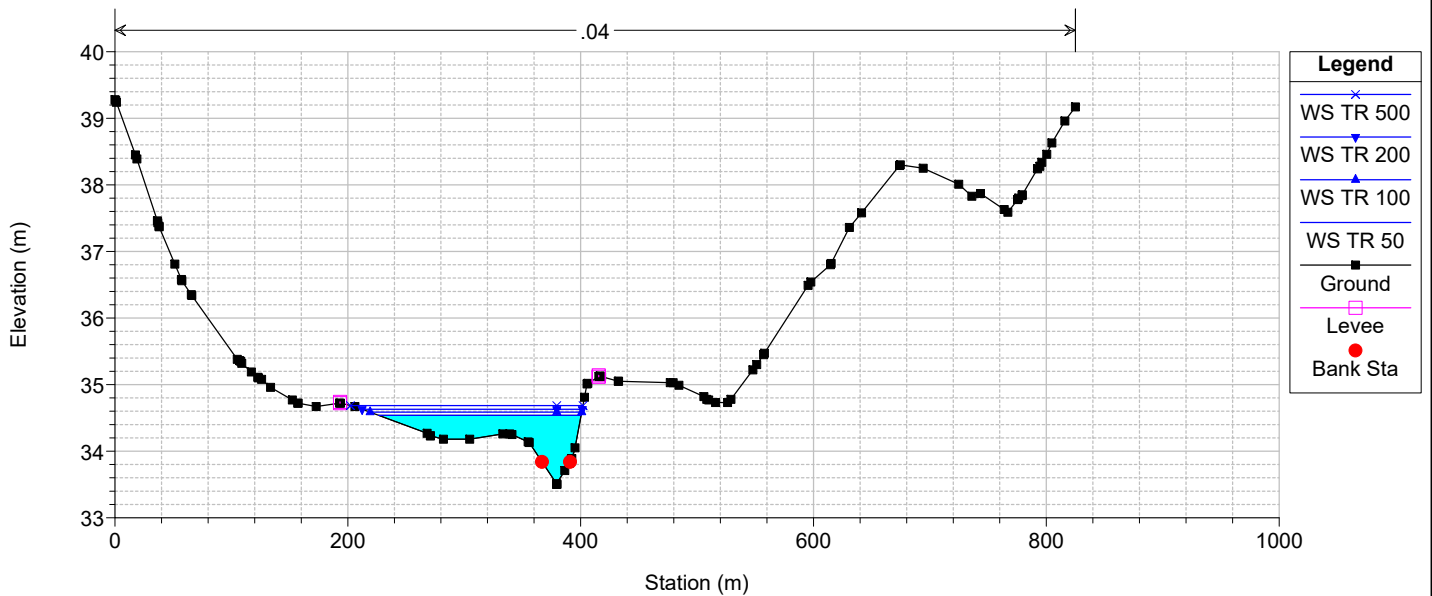
River = Riu_Filibertu Reach = Monte RS = 120.4308 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

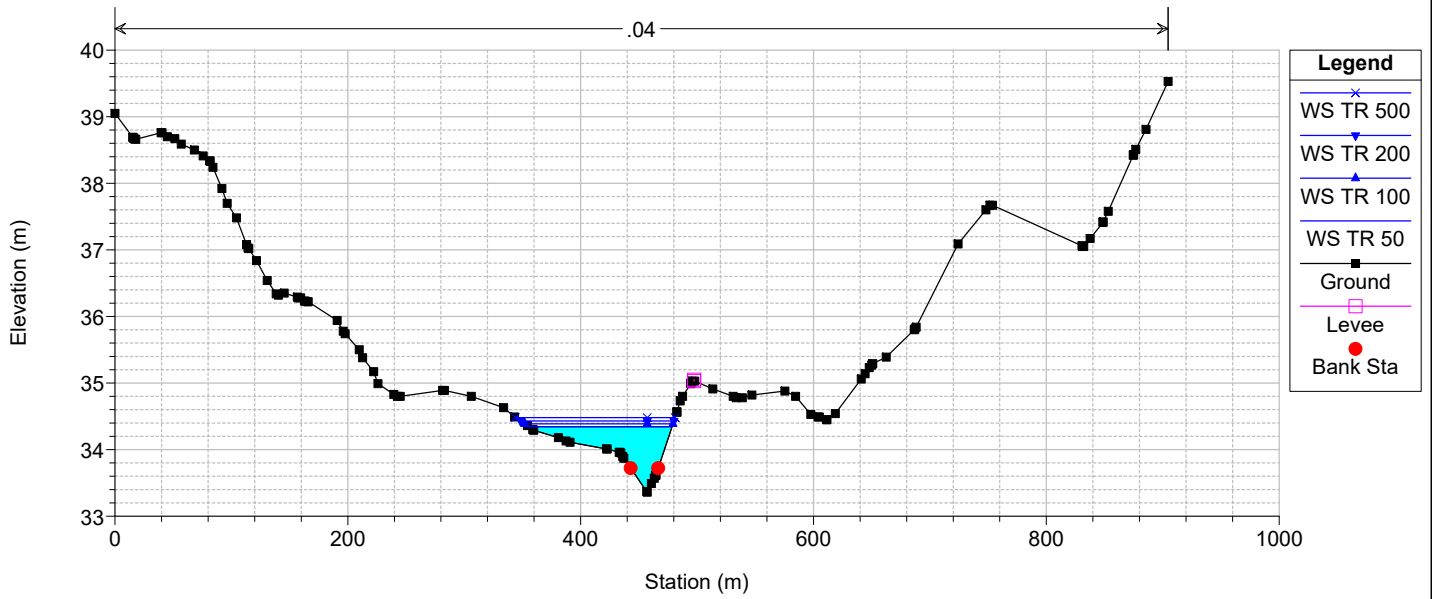
River = Riu_Filibertu Reach = Monte RS = 85.53117 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

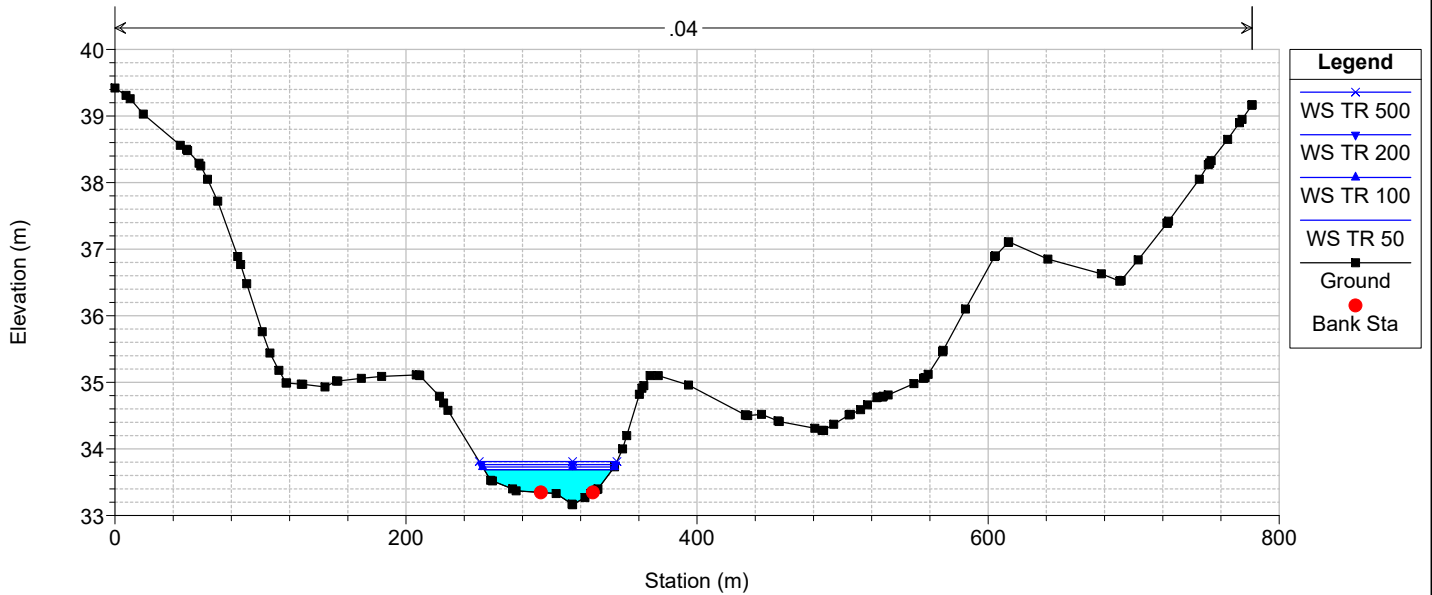
River = Riu_Filibertu Reach = Monte RS = 50.13845 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Filibertu_monte Plan: Plan 01 2/5/2021

Geom: Riu_Filibertu_monte Flow: Riu_Filibertu_monte

River = Riu_Filibertu Reach = Monte RS = 0.673788 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	980.1826	TR 50	47.66	38.28	39.05	38.73	39.07	0.002280	0.99	73.75	187.66	0.36
Monte	980.1826	TR 100	56.36	38.28	39.11	38.78	39.14	0.001959	0.96	85.88	189.97	0.34
Monte	980.1826	TR 200	65.13	38.28	39.18	38.82	39.20	0.001736	0.95	97.53	191.68	0.33
Monte	980.1826	TR 500	76.80	38.28	39.25	38.86	39.28	0.001528	0.95	112.41	193.84	0.31
Monte	960.8332	TR 50	47.66	38.15	38.92		39.00	0.005798	1.60	39.72	80.55	0.58
Monte	960.8332	TR 100	56.36	38.15	38.99		39.07	0.005719	1.67	44.99	84.55	0.59
Monte	960.8332	TR 200	65.13	38.15	39.05		39.14	0.005624	1.74	50.20	88.30	0.59
Monte	960.8332	TR 500	76.80	38.15	39.12		39.22	0.005455	1.81	57.12	93.02	0.59
Monte	925.356	TR 50	47.66	37.93	38.72		38.80	0.005533	1.58	39.46	76.35	0.57
Monte	925.356	TR 100	56.36	37.93	38.79		38.87	0.005323	1.64	44.95	79.84	0.57
Monte	925.356	TR 200	65.13	37.93	38.86		38.94	0.005155	1.70	50.29	83.10	0.57
Monte	925.356	TR 500	76.80	37.93	38.94		39.03	0.004995	1.77	57.24	87.67	0.56
Monte	890.4992	TR 50	47.66	37.68	38.54		38.62	0.004741	1.56	38.75	64.78	0.54
Monte	890.4992	TR 100	56.36	37.68	38.61		38.70	0.004805	1.65	43.24	66.91	0.55
Monte	890.4992	TR 200	65.13	37.68	38.67		38.77	0.004881	1.74	47.49	68.87	0.56
Monte	890.4992	TR 500	76.80	37.68	38.75		38.86	0.004961	1.84	52.90	71.29	0.57
Monte	855.4307	TR 50	47.66	37.60	38.38		38.46	0.004571	1.37	39.39	66.34	0.51
Monte	855.4307	TR 100	56.36	37.60	38.44		38.53	0.004738	1.48	43.69	68.52	0.53
Monte	855.4307	TR 200	65.13	37.60	38.50		38.60	0.004917	1.58	47.69	70.50	0.55
Monte	855.4307	TR 500	76.80	37.60	38.57		38.68	0.005110	1.70	52.81	73.06	0.56
Monte	820.4308	TR 50	47.66	37.51	38.10		38.23	0.011365	1.77	30.32	68.67	0.77
Monte	820.4308	TR 100	56.36	37.51	38.15		38.29	0.011546	1.89	33.89	71.20	0.79
Monte	820.4308	TR 200	65.13	37.51	38.19		38.35	0.011651	2.00	37.27	73.13	0.80
Monte	820.4308	TR 500	76.80	37.51	38.25		38.43	0.011849	2.13	41.45	75.37	0.82
Monte	785.4812	TR 50	47.66	37.28	37.88		37.95	0.005291	1.28	43.63	95.72	0.53
Monte	785.4812	TR 100	56.36	37.28	37.93		38.01	0.005386	1.36	48.69	99.23	0.54
Monte	785.4812	TR 200	65.13	37.28	37.98		38.06	0.005492	1.44	53.46	102.43	0.56
Monte	785.4812	TR 500	76.80	37.28	38.04		38.13	0.005635	1.54	59.44	106.31	0.57
Monte	750.3054	TR 50	47.66	37.12	37.67		37.74	0.006768	1.38	41.84	104.64	0.59
Monte	750.3054	TR 100	56.36	37.12	37.73		37.80	0.006734	1.46	47.29	110.07	0.60
Monte	750.3054	TR 200	65.13	37.12	37.77		37.85	0.006716	1.53	52.54	115.06	0.61
Monte	750.3054	TR 500	76.80	37.12	37.83		37.92	0.006711	1.62	59.23	121.12	0.62
Monte	715.4308	TR 50	47.66	36.86	37.53		37.57	0.003705	1.16	53.55	120.96	0.45
Monte	715.4308	TR 100	56.36	36.86	37.58		37.62	0.003790	1.23	59.69	125.45	0.46
Monte	715.4308	TR 200	65.13	36.86	37.62		37.67	0.003889	1.30	65.45	129.50	0.48
Monte	715.4308	TR 500	76.80	36.86	37.68		37.73	0.004033	1.38	72.53	134.33	0.49
Monte	680.2952	TR 50	47.66	36.73	37.36		37.41	0.005253	1.31	48.21	123.29	0.53
Monte	680.2952	TR 100	56.36	36.73	37.41		37.47	0.005209	1.37	54.44	136.28	0.54
Monte	680.2952	TR 200	65.13	36.73	37.45		37.52	0.005193	1.43	60.86	153.90	0.54
Monte	680.2952	TR 500	76.80	36.73	37.51		37.57	0.005126	1.49	69.75	172.70	0.55
Monte	644.8644	TR 50	47.66	36.52	37.10		37.18	0.009043	1.60	38.94	109.85	0.69
Monte	644.8644	TR 100	56.36	36.52	37.14		37.23	0.009347	1.70	43.46	114.61	0.71
Monte	644.8644	TR 200	65.13	36.52	37.17		37.27	0.009508	1.79	47.89	118.50	0.72
Monte	644.8644	TR 500	76.80	36.52	37.22		37.33	0.009858	1.90	53.19	122.97	0.74
Monte	610.6601	TR 50	47.66	36.25	36.87		36.92	0.006127	1.41	50.19	175.34	0.58
Monte	610.6601	TR 100	56.36	36.25	36.92		36.97	0.005908	1.45	58.63	192.14	0.57
Monte	610.6601	TR 200	65.13	36.25	36.96		37.01	0.005841	1.50	67.11	213.53	0.57
Monte	610.6601	TR 500	76.80	36.25	37.01		37.06	0.005739	1.56	78.47	241.94	0.58
Monte	575.7573	TR 50	47.66	35.98	36.65		36.70	0.006209	1.49	45.54	139.33	0.59
Monte	575.7573	TR 100	56.36	35.98	36.69		36.75	0.006386	1.58	51.87	154.30	0.60
Monte	575.7573	TR 200	65.13	35.98	36.73		36.79	0.006506	1.65	58.15	167.34	0.61
Monte	575.7573	TR 500	76.80	35.98	36.77		36.85	0.006662	1.74	66.15	182.61	0.63
Monte	540.0778	TR 50	47.66	35.74	36.36		36.43	0.009359	1.73	41.83	151.80	0.71
Monte	540.0778	TR 100	56.36	35.74	36.40		36.48	0.009223	1.80	48.53	165.94	0.71
Monte	540.0778	TR 200	65.13	35.74	36.44		36.52	0.009176	1.86	55.04	179.44	0.72
Monte	540.0778	TR 500	76.80	35.74	36.49		36.57	0.008984	1.92	63.76	196.29	0.72
Monte	505.4308	TR 50	47.66	35.50	36.10		36.15	0.006711	1.39	46.26	159.06	0.59
Monte	505.4308	TR 100	56.36	35.50	36.14		36.20	0.006686	1.47	53.84	175.32	0.60
Monte	505.4308	TR 200	65.13	35.50	36.18		36.24	0.006582	1.52	61.51	190.34	0.60
Monte	505.4308	TR 500	76.80	35.50	36.23		36.30	0.006552	1.59	71.66	210.92	0.61
Monte	469.5103	TR 50	47.66	35.24	35.83		35.90	0.007502	1.47	40.84	128.48	0.63
Monte	469.5103	TR 100	56.36	35.24	35.88		35.96	0.007276	1.54	47.89	147.34	0.63
Monte	469.5103	TR 200	65.13	35.24	35.93		36.00	0.007112	1.60	55.22	165.38	0.63
Monte	469.5103	TR 500	76.80	35.24	35.98		36.06	0.006962	1.66	64.47	183.13	0.63
Monte	435.4308	TR 50	47.66	34.98	35.66		35.71	0.004587	1.30	48.44	129.52	0.51
Monte	435.4308	TR 100	56.36	34.98	35.70		35.76	0.004804	1.39	54.77	145.30	0.52
Monte	435.4308	TR 200	65.13	34.98	35.75		35.81	0.004920	1.47	61.49	160.73	0.54

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	435.4308	TR 500	76.80	34.98	35.80		35.86	0.005126	1.56	69.71	176.09	0.55
Monte	400.4308	TR 50	47.66	34.90	35.53		35.57	0.003356	1.05	60.13	176.62	0.43
Monte	400.4308	TR 100	56.36	34.90	35.57		35.61	0.003756	1.15	66.66	201.67	0.46
Monte	400.4308	TR 200	65.13	34.90	35.60		35.64	0.004179	1.26	73.92	230.33	0.48
Monte	400.4308	TR 500	76.80	34.90	35.64		35.69	0.004567	1.36	83.41	261.16	0.51
Monte	365.4307	TR 50	47.66	34.84	35.39		35.42	0.005781	1.23	65.93	292.97	0.54
Monte	365.4307	TR 100	56.36	34.84	35.41		35.44	0.005902	1.28	73.10	298.70	0.55
Monte	365.4307	TR 200	65.13	34.84	35.44		35.47	0.005874	1.32	80.53	304.52	0.56
Monte	365.4307	TR 500	76.80	34.84	35.47		35.50	0.005865	1.36	89.82	311.63	0.56
Monte	330.4503	TR 50	47.66	34.77	35.18		35.21	0.005550	0.98	61.67	273.88	0.51
Monte	330.4503	TR 100	56.36	34.77	35.21		35.25	0.005068	0.99	71.77	278.62	0.49
Monte	330.4503	TR 200	65.13	34.77	35.25		35.28	0.004771	1.01	81.02	282.64	0.48
Monte	330.4503	TR 500	76.80	34.77	35.29		35.33	0.004449	1.04	92.89	290.51	0.47
Monte	295.0668	TR 50	47.66	34.67	35.04		35.06	0.003250	0.69	71.22	244.58	0.38
Monte	295.0668	TR 100	56.36	34.67	35.08		35.10	0.003282	0.75	81.86	266.87	0.39
Monte	295.0668	TR 200	65.13	34.67	35.12		35.14	0.003246	0.79	92.57	286.30	0.39
Monte	295.0668	TR 500	76.80	34.67	35.17		35.20	0.002872	0.81	108.92	303.69	0.38
Monte	260.9223	TR 50	47.66	34.32	34.95		34.97	0.002063	0.83	88.36	306.73	0.34
Monte	260.9223	TR 100	56.36	34.32	35.00		35.02	0.001919	0.84	103.18	340.64	0.33
Monte	260.9223	TR 200	65.13	34.32	35.04		35.06	0.001784	0.84	118.14	362.79	0.32
Monte	260.9223	TR 500	76.80	34.32	35.11		35.12	0.001578	0.84	142.35	377.93	0.30
Monte	225.4211	TR 50	47.66	34.30	34.85		34.88	0.003067	0.88	63.42	205.44	0.39
Monte	225.4211	TR 100	56.36	34.30	34.90		34.93	0.003019	0.93	73.92	223.58	0.40
Monte	225.4211	TR 200	65.13	34.30	34.95		34.98	0.003004	0.97	84.76	260.52	0.40
Monte	225.4211	TR 500	76.80	34.30	35.01		35.04	0.003619	1.14	103.92	304.84	0.45
Monte	190.4326	TR 50	47.66	33.91	34.77		34.80	0.001970	0.99	66.32	180.35	0.34
Monte	190.4326	TR 100	56.36	33.91	34.81		34.84	0.002118	1.07	74.30	195.97	0.36
Monte	190.4326	TR 200	65.13	33.91	34.85		34.89	0.002225	1.12	82.42	210.80	0.37
Monte	190.4326	TR 500	76.80	33.91	34.90		34.94	0.002310	1.19	93.34	227.58	0.38
Monte	155.8666	TR 50	47.66	33.77	34.70		34.72	0.002097	1.06	82.93	257.72	0.36
Monte	155.8666	TR 100	56.36	33.77	34.75		34.77	0.002004	1.07	94.33	264.13	0.35
Monte	155.8666	TR 200	65.13	33.77	34.79		34.81	0.001924	1.08	105.42	270.43	0.35
Monte	155.8666	TR 500	76.80	33.77	34.84		34.86	0.001833	1.09	119.72	278.34	0.34
Monte	120.4308	TR 50	47.66	33.72	34.63		34.65	0.001959	1.00	84.69	241.99	0.34
Monte	120.4308	TR 100	56.36	33.72	34.68		34.70	0.001873	1.02	96.13	247.97	0.34
Monte	120.4308	TR 200	65.13	33.72	34.72		34.74	0.001807	1.03	107.14	253.59	0.34
Monte	120.4308	TR 500	76.80	33.72	34.78		34.80	0.001736	1.05	121.22	260.60	0.33
Monte	85.53117	TR 50	47.66	33.71	34.54		34.57	0.003039	1.16	65.45	173.97	0.42
Monte	85.53117	TR 100	56.36	33.71	34.59		34.62	0.003019	1.20	73.89	181.82	0.42
Monte	85.53117	TR 200	65.13	33.71	34.63		34.66	0.002993	1.24	82.14	189.18	0.43
Monte	85.53117	TR 500	76.80	33.71	34.69		34.72	0.002979	1.29	92.94	210.94	0.43
Monte	50.13845	TR 50	47.66	33.36	34.34	34.23	34.41	0.006324	1.89	44.82	122.80	0.63
Monte	50.13845	TR 100	56.36	33.36	34.39	34.28	34.46	0.006425	1.96	50.23	127.14	0.64
Monte	50.13845	TR 200	65.13	33.36	34.43	34.32	34.51	0.006403	2.01	55.79	131.66	0.64
Monte	50.13845	TR 500	76.80	33.36	34.48	34.36	34.57	0.006373	2.08	63.00	145.12	0.64
Monte	0.673788	TR 50	47.66	33.27	33.69	33.69	33.85	0.022855	2.00	27.20	88.01	1.03
Monte	0.673788	TR 100	56.36	33.27	33.73	33.73	33.90	0.021616	2.09	30.93	90.62	1.02
Monte	0.673788	TR 200	65.13	33.27	33.76	33.76	33.95	0.021178	2.18	34.23	92.39	1.02
Monte	0.673788	TR 500	76.80	33.27	33.81	33.81	34.02	0.020574	2.29	38.49	94.60	1.02

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**

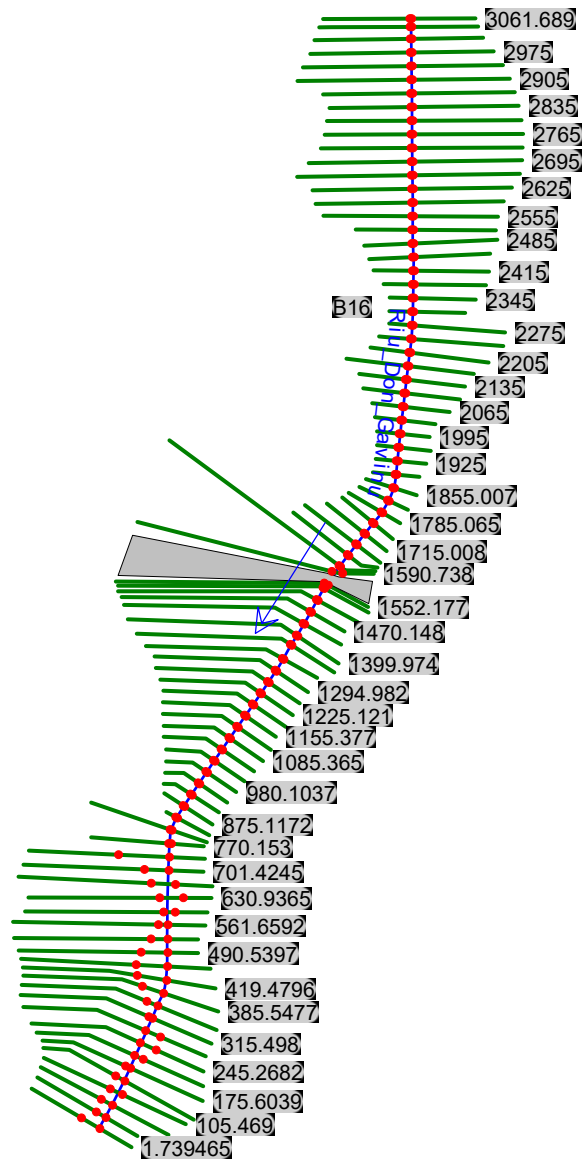
SIMULAZIONI IN MOTO PERMANENTE

Modello 15 : Rio Don Gavino (monte)

- 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
Riu_Don_Gavino	B16	3061.689	3.504	4.139	4.791	5.705
Riu_Don_Gavino	B17	2485	47.275	55.767	64.309	75.652
Riu_Don_Gavino	B18	1399.974	170.625	202	233.595	275.586
Riu_Don_Gavino	B19	69.91247	213.046	252.411	292.066	344.781

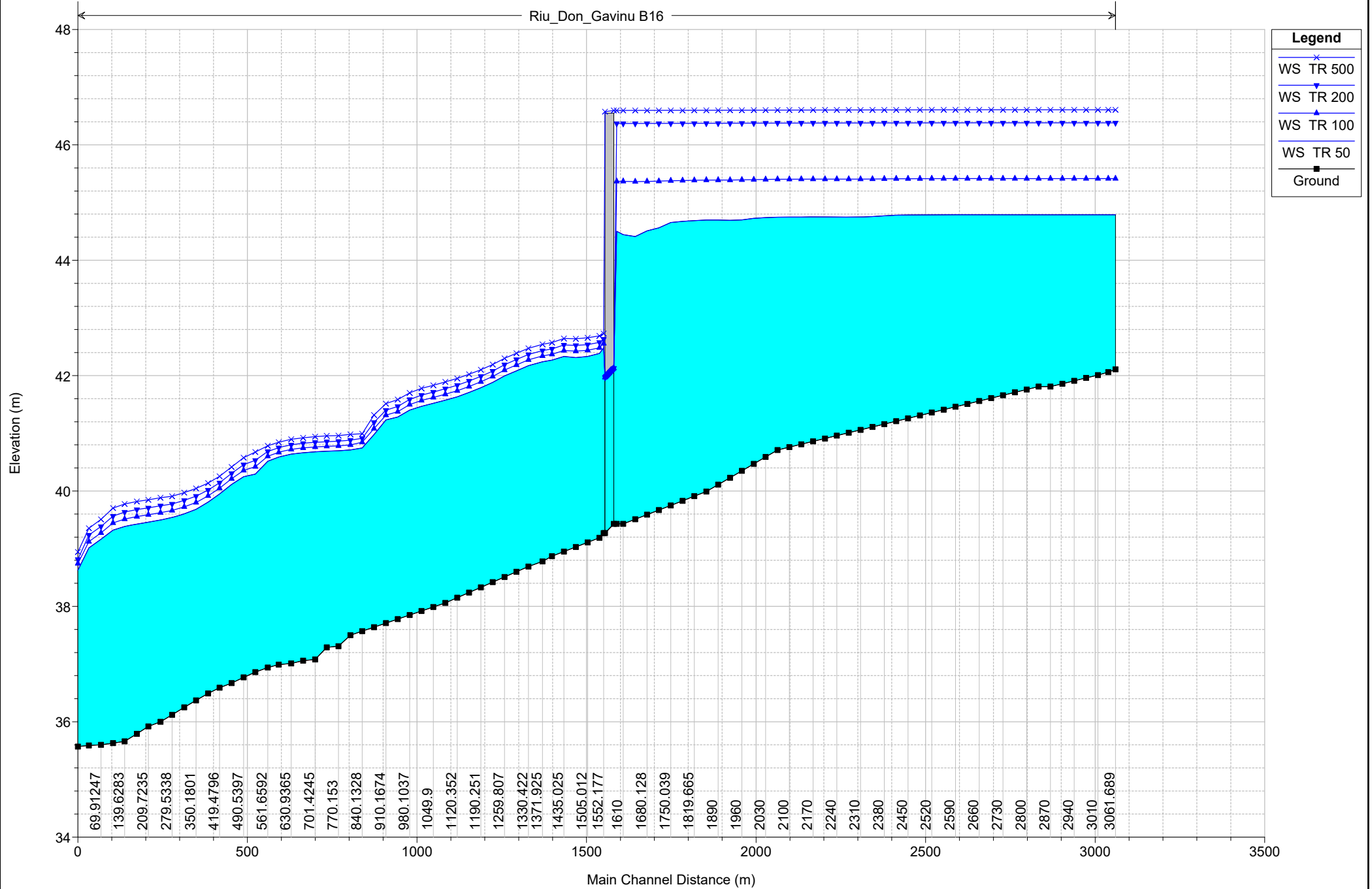
River	Reach	PROFILI	condizioni al contorno	
			upstream	downstream
Riu_Don_Gavino	B16	all	Critical Depth	Critical Depth



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

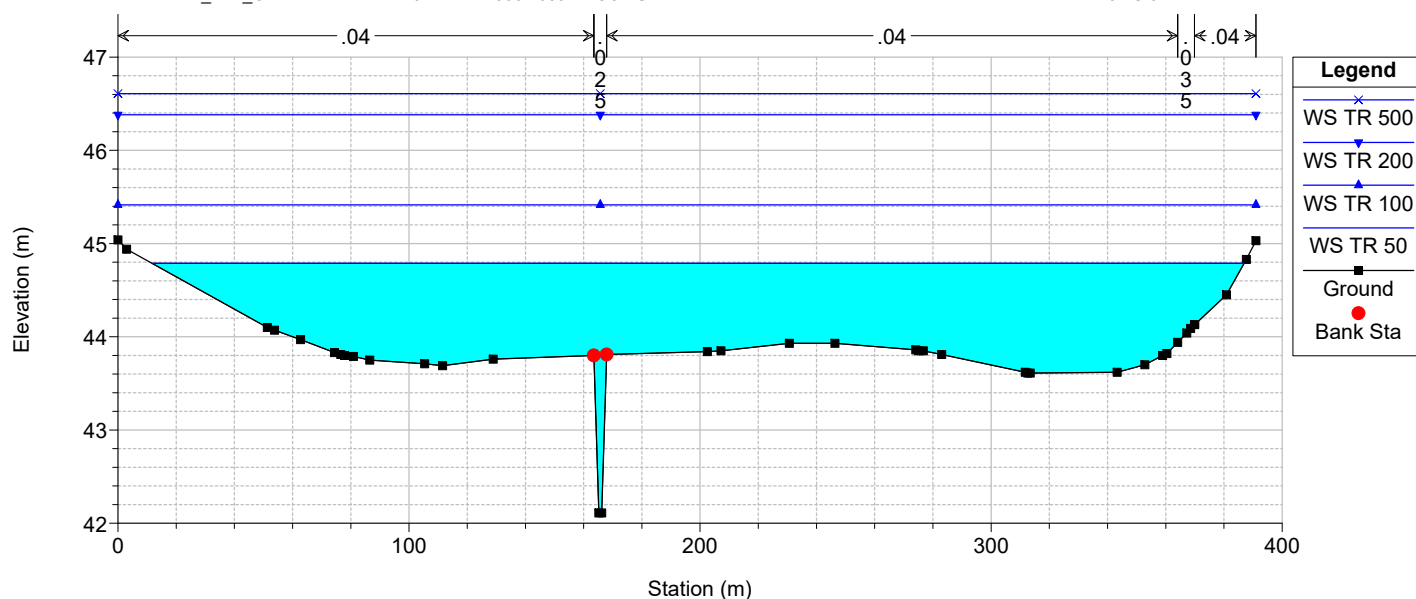
Riu_Don_Gavinu B16



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

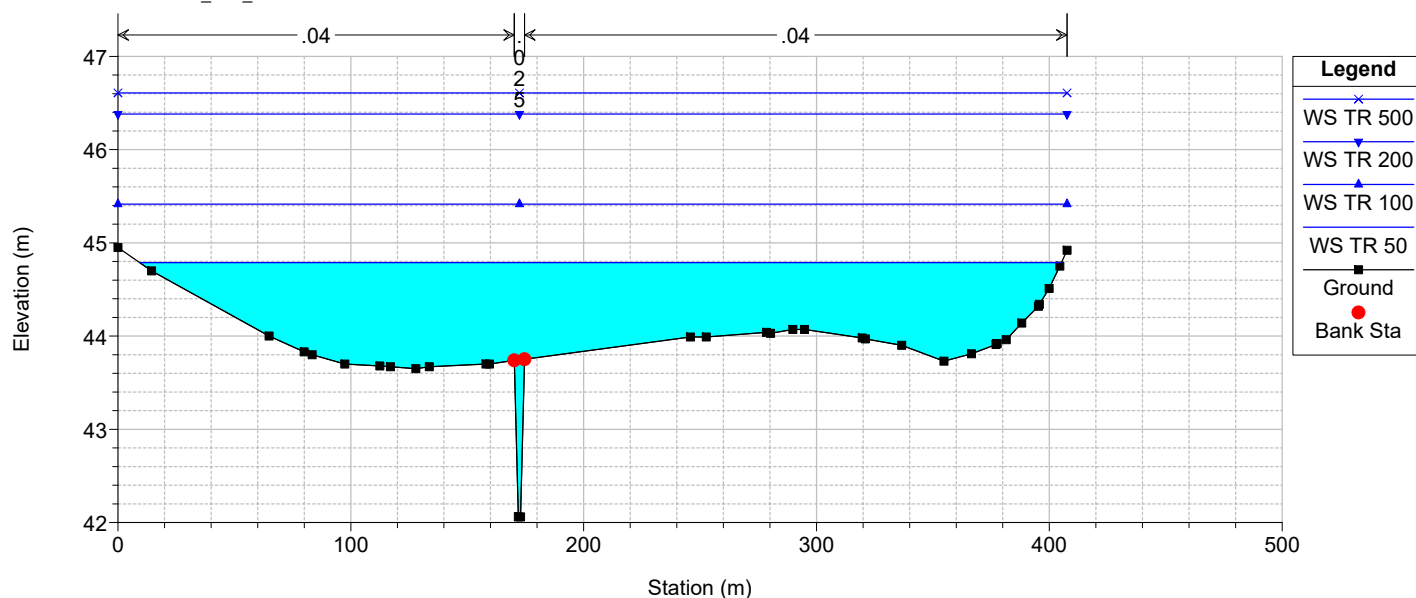
River = Riu_Don_Gavinu Reach = B16 RS = 3061.689 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

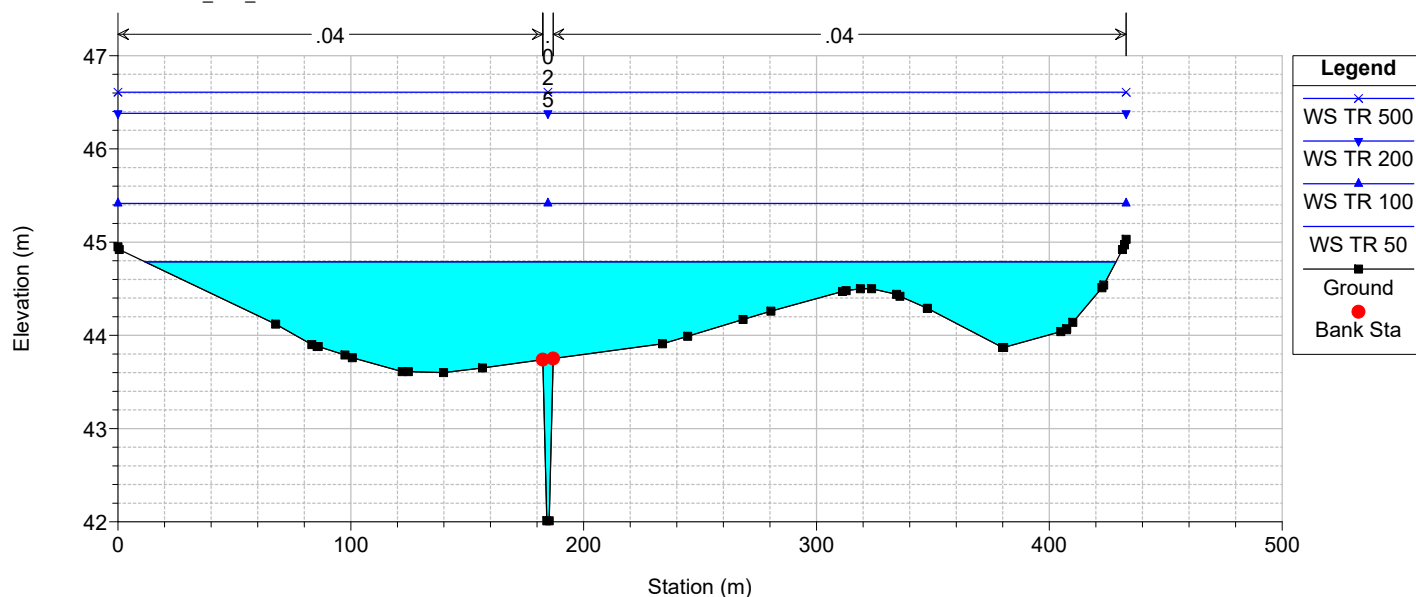
River = Riu_Don_Gavinu Reach = B16 RS = 3040.554 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

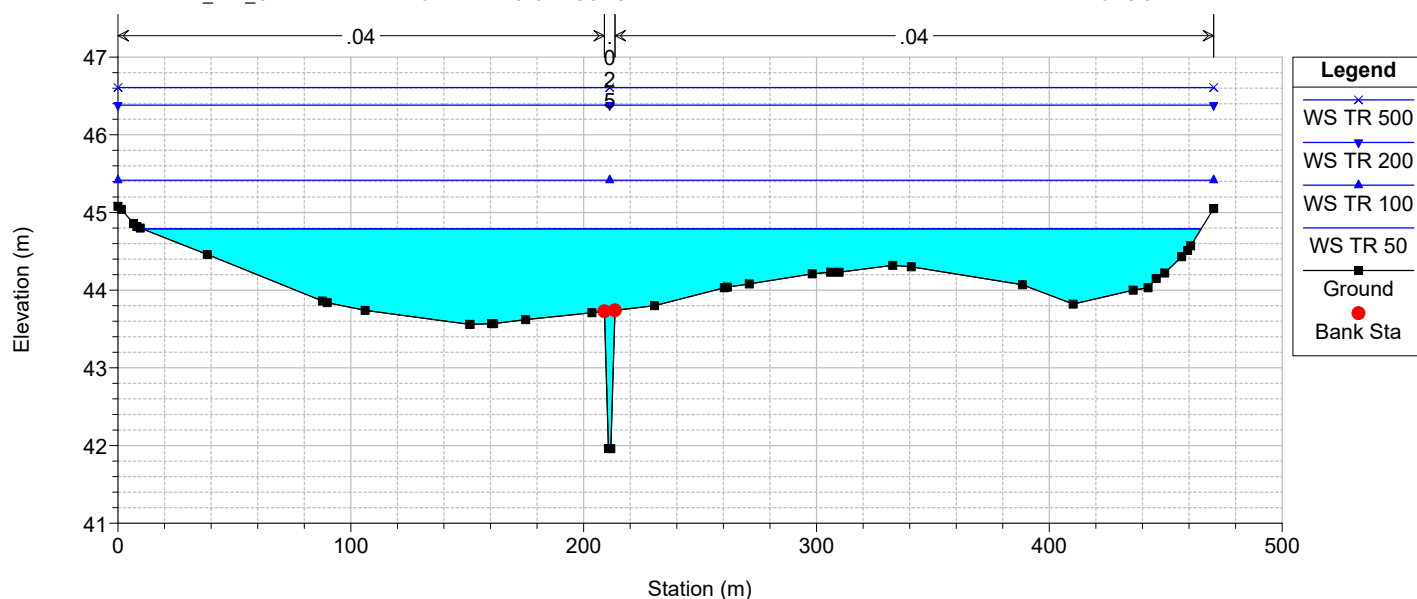
River = Riu_Don_Gavinu Reach = B16 RS = 3010 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

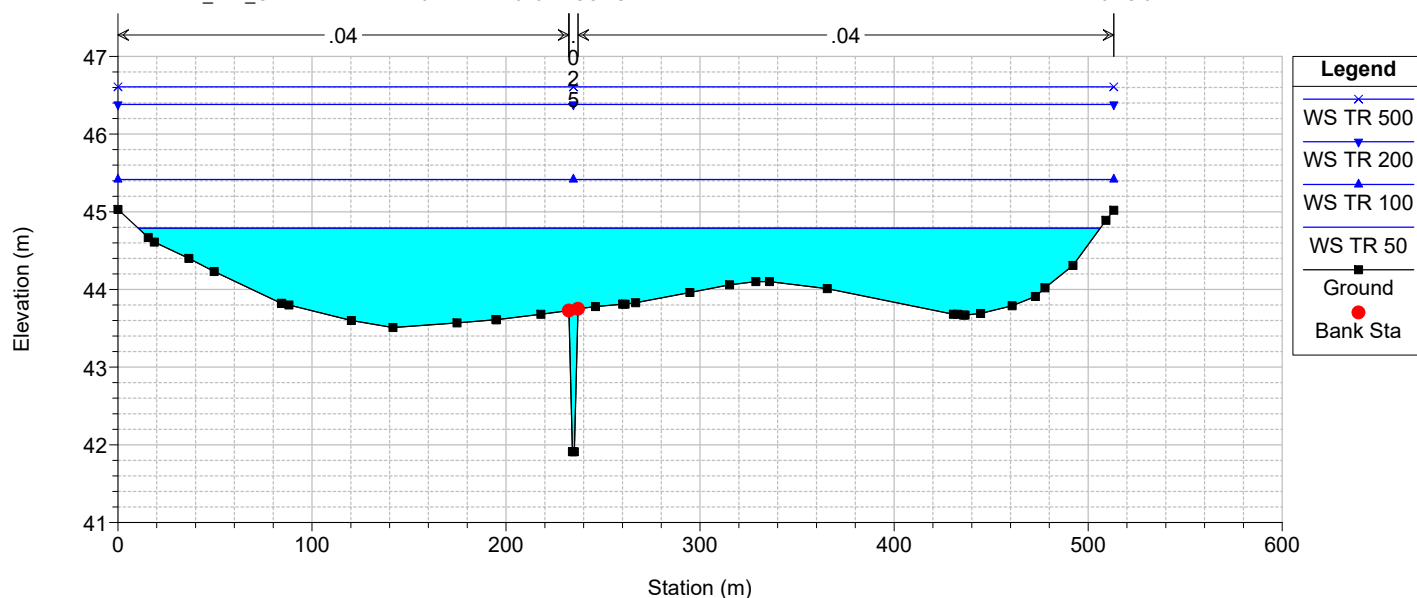
River = Riu_Don_Gavinu Reach = B16 RS = 2975 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

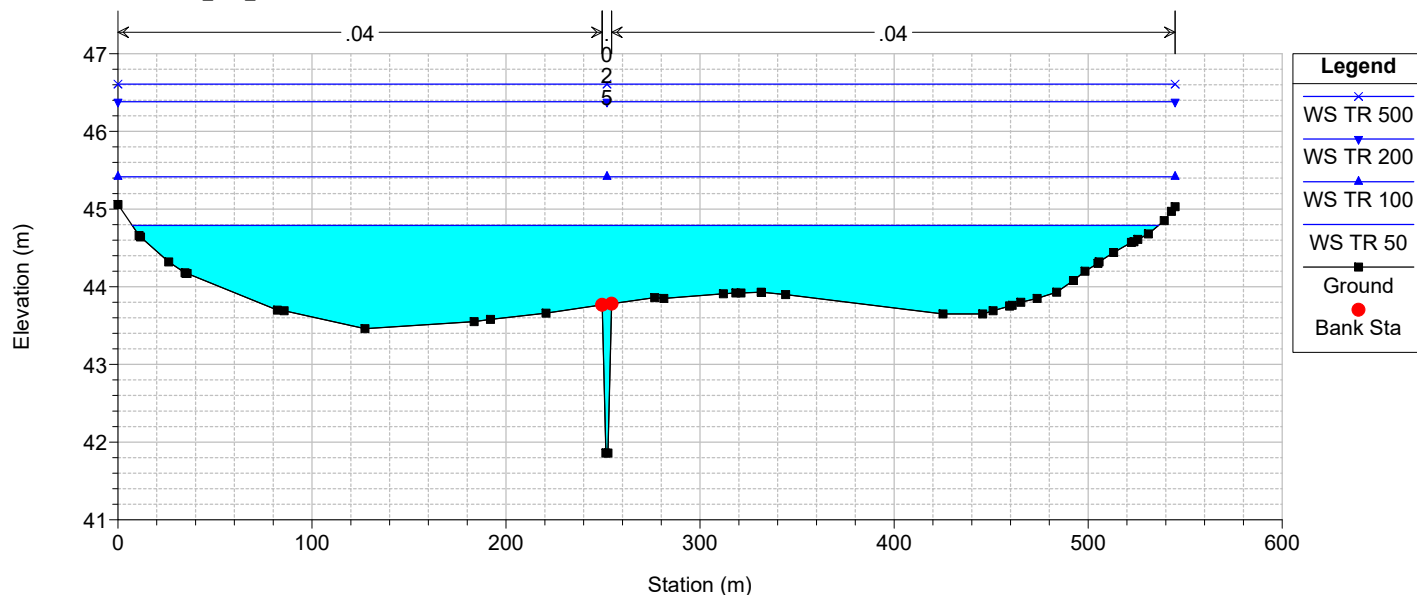
River = Riu_Don_Gavinu Reach = B16 RS = 2940 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

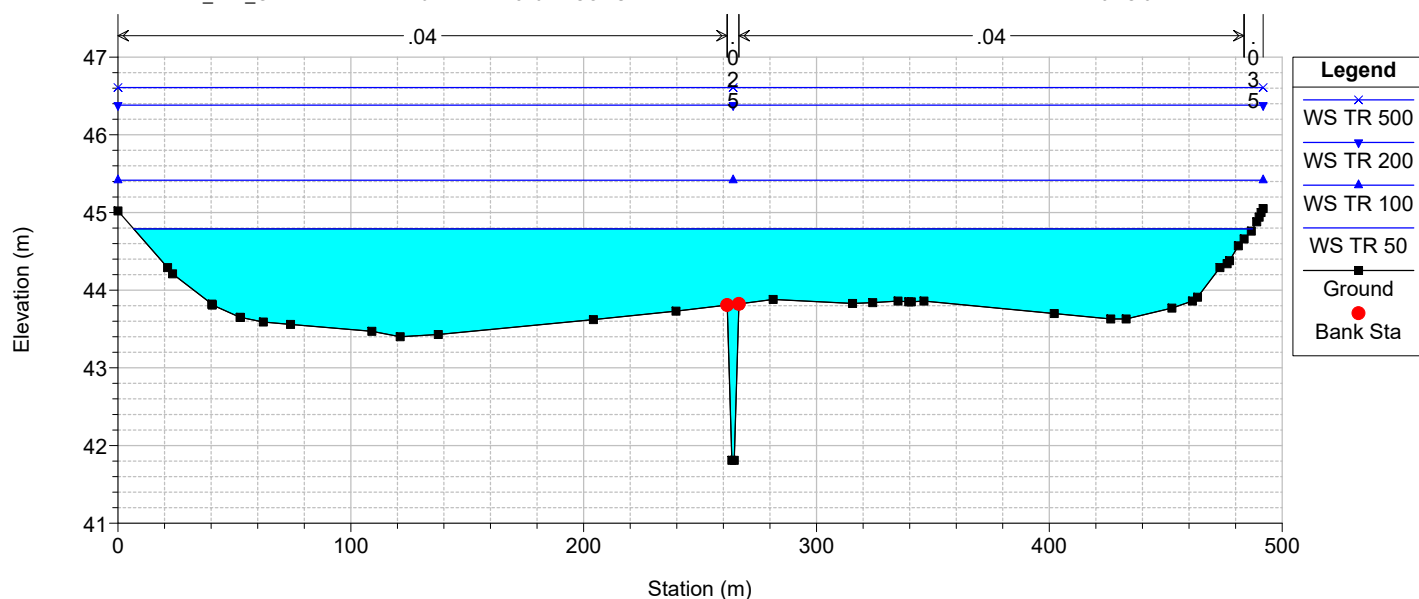
River = Riu_Don_Gavinu Reach = B16 RS = 2905 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

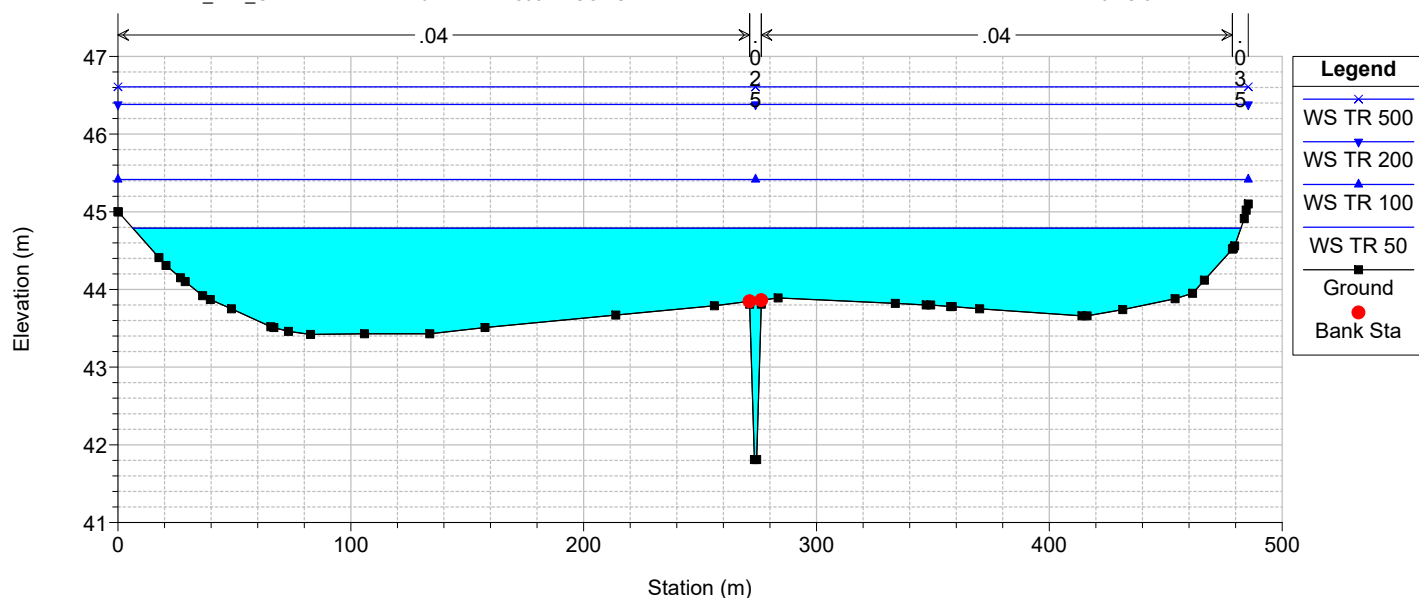
River = Riu_Don_Gavinu Reach = B16 RS = 2870 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

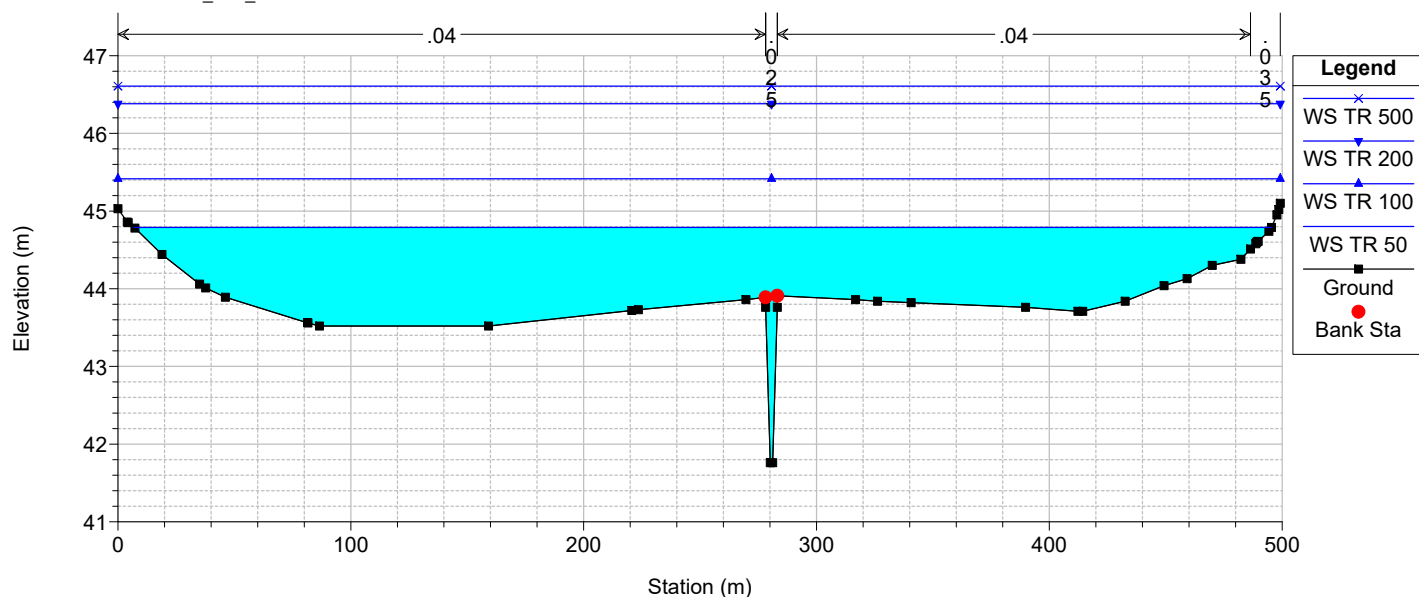
River = Riu_Don_Gavinu Reach = B16 RS = 2835 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

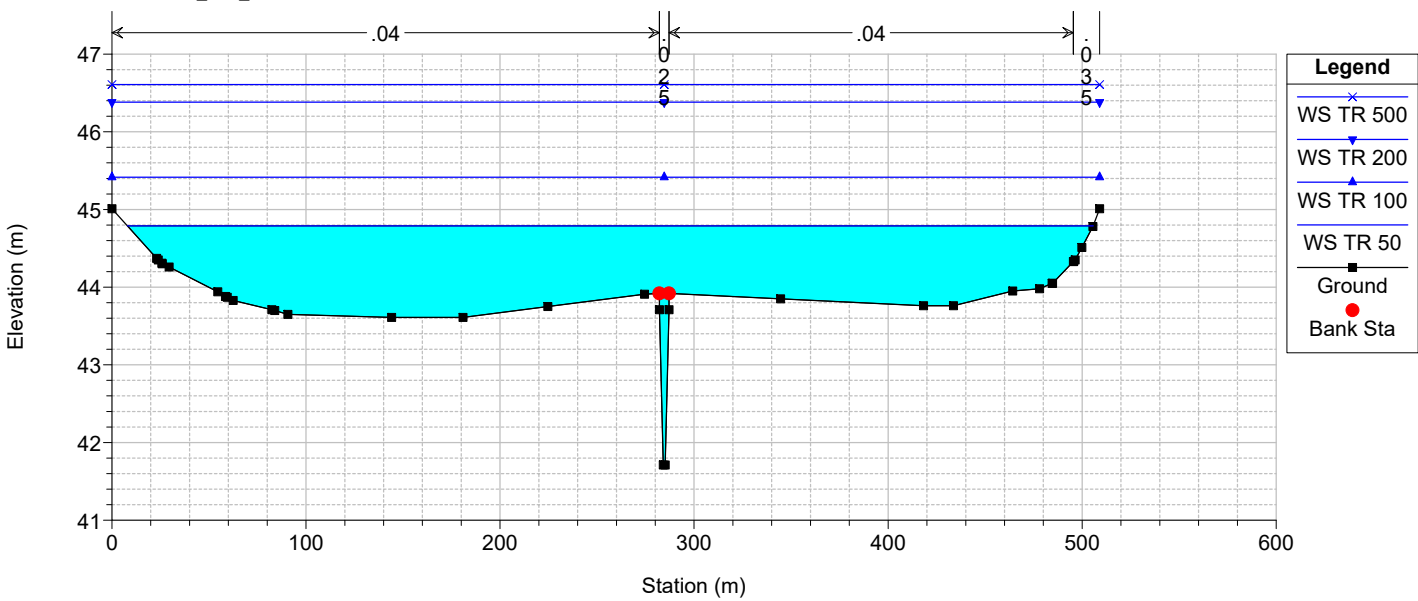
River = Riu_Don_Gavinu Reach = B16 RS = 2800 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

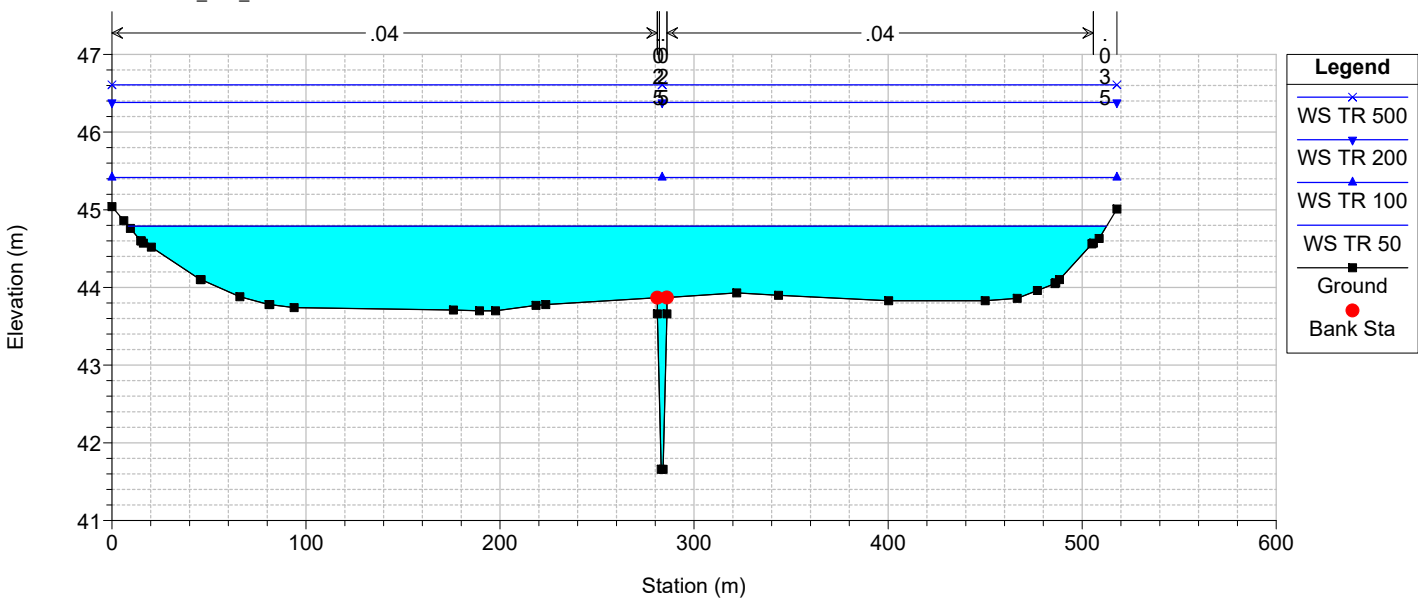
River = Riu_Don_Gavinu Reach = B16 RS = 2765 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

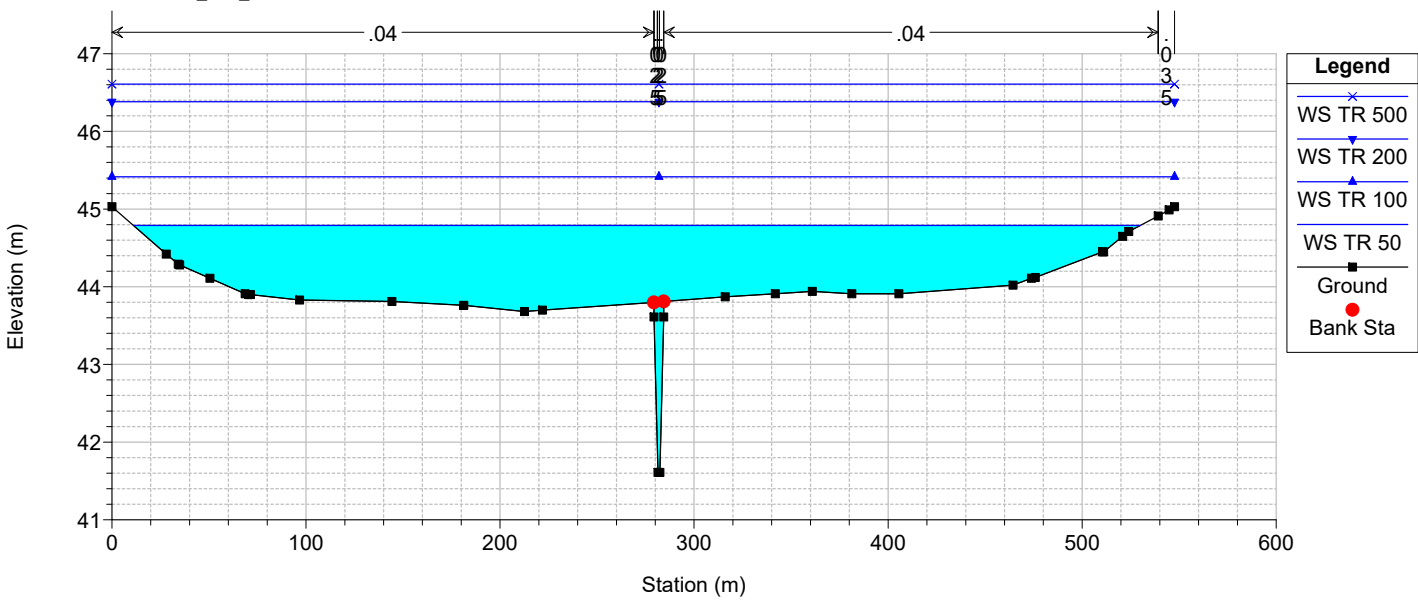
River = Riu_Don_Gavinu Reach = B16 RS = 2730 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

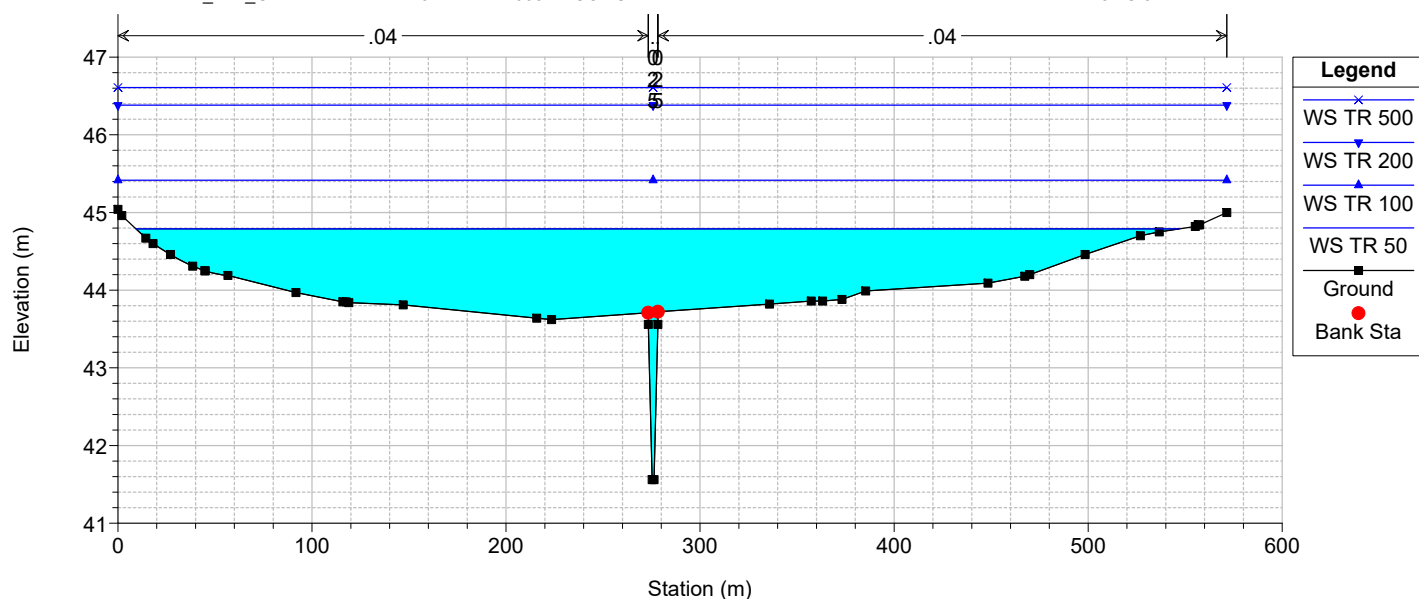
River = Riu_Don_Gavinu Reach = B16 RS = 2695 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

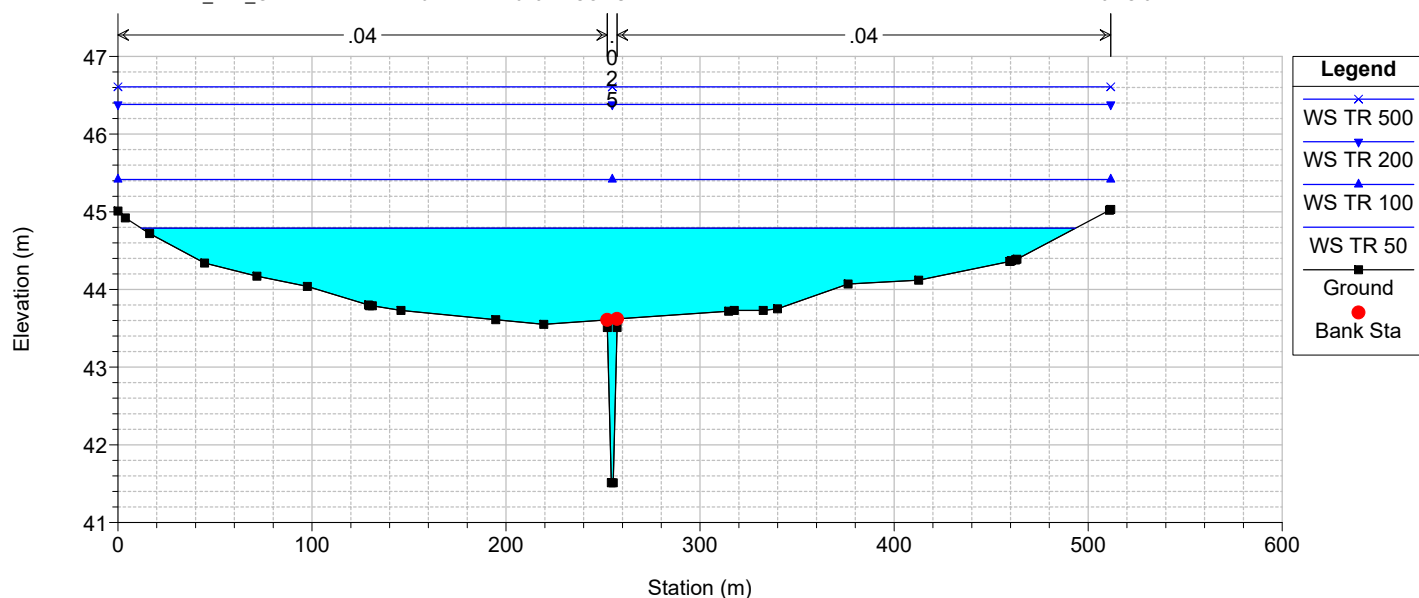
River = Riu_Don_Gavinu Reach = B16 RS = 2660 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

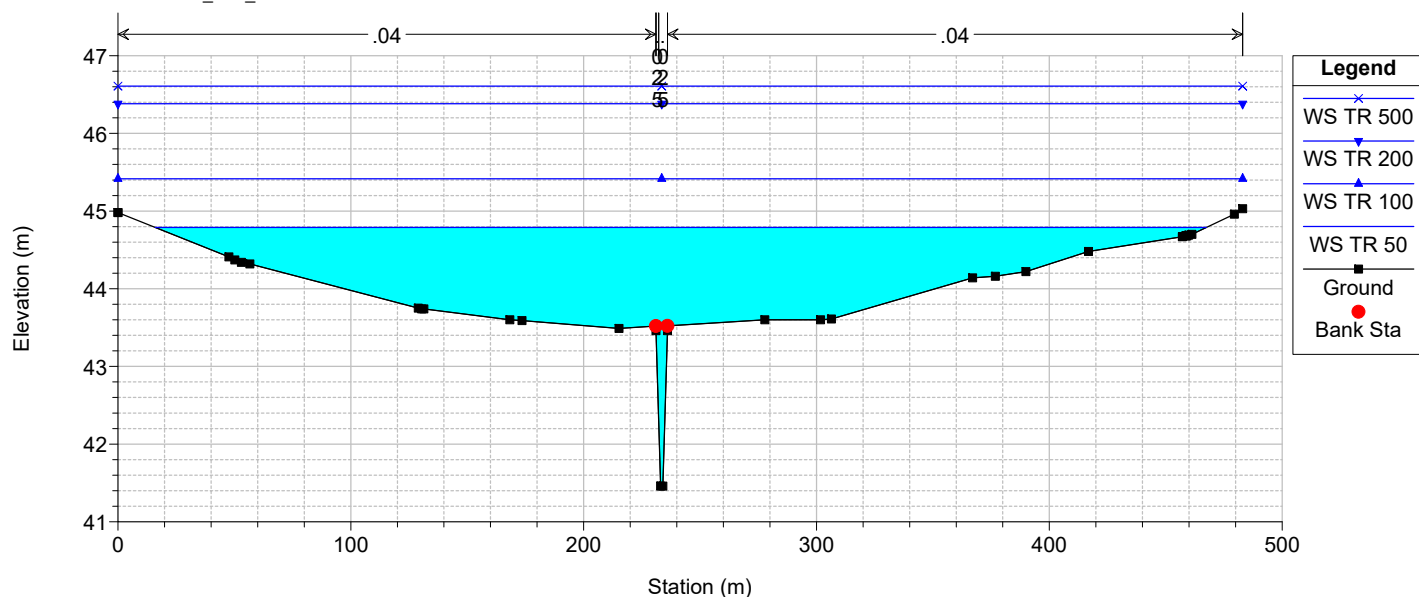
River = Riu_Don_Gavinu Reach = B16 RS = 2625 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

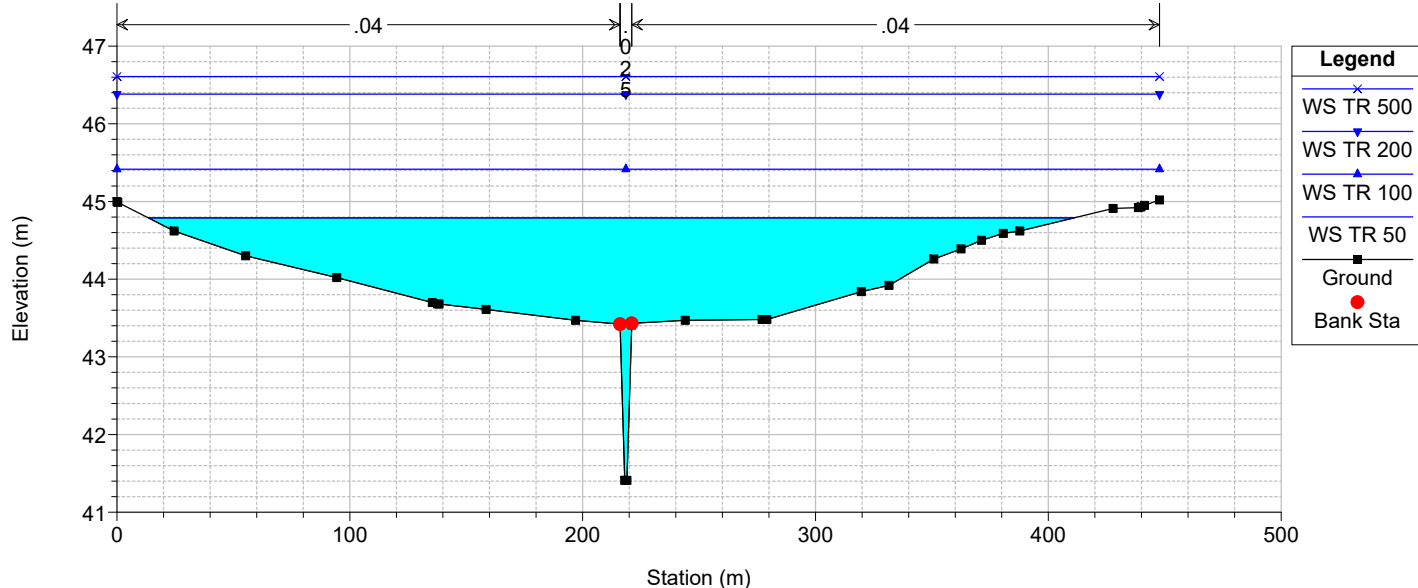
River = Riu_Don_Gavinu Reach = B16 RS = 2590 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

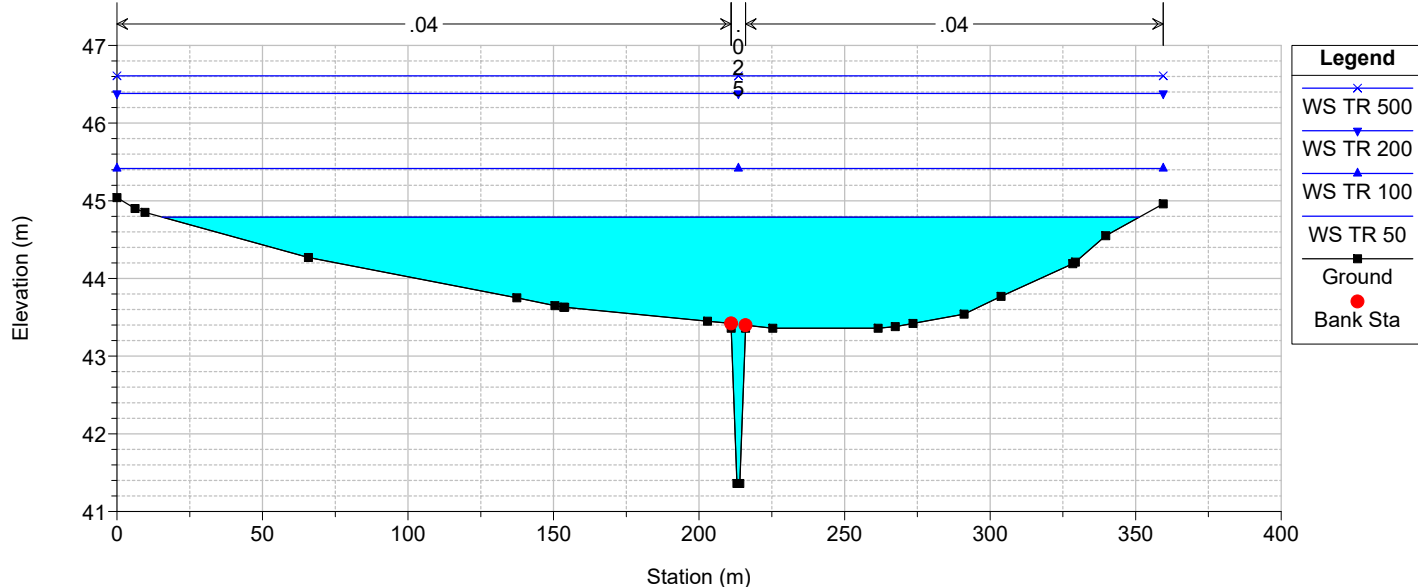
River = Riu_Don_Gavinu Reach = B16 RS = 2555 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

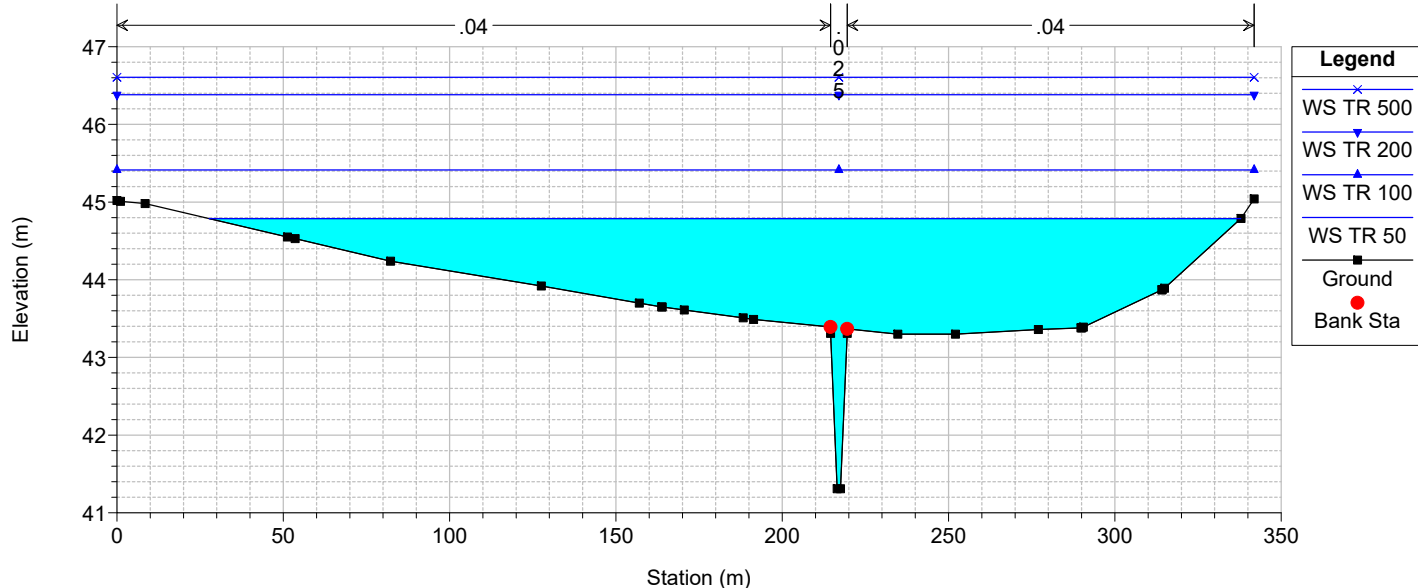
River = Riu_Don_Gavinu Reach = B16 RS = 2520 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

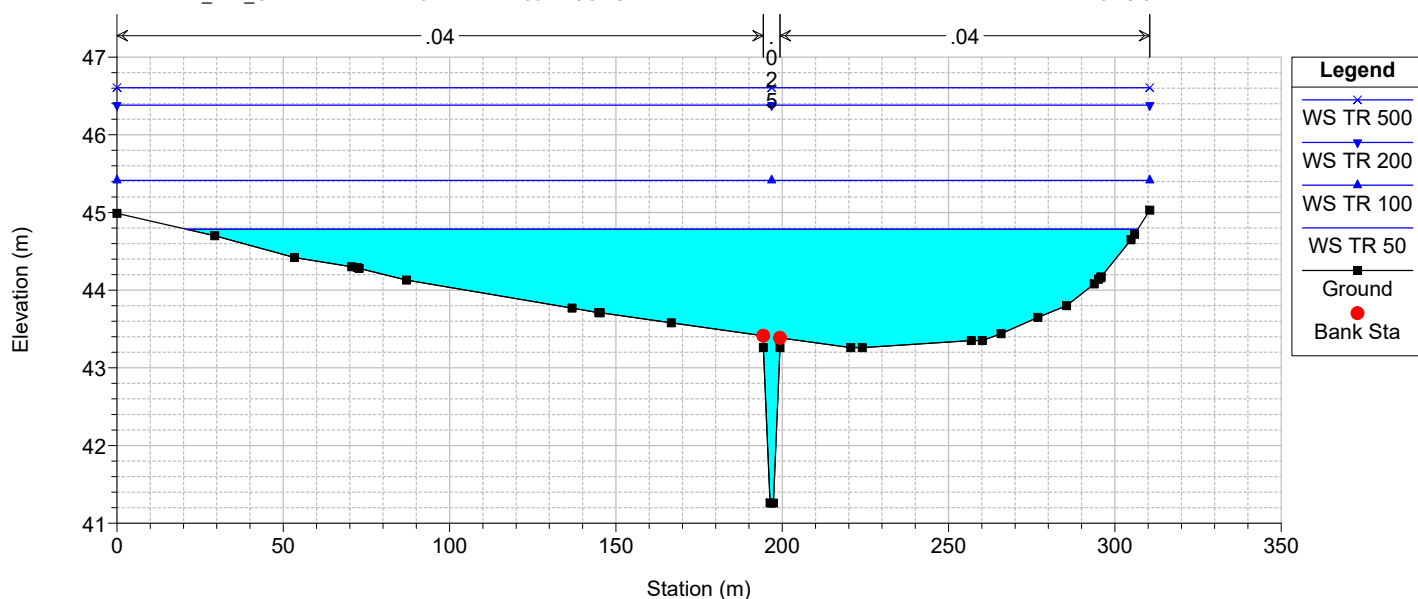
River = Riu_Don_Gavinu Reach = B16 RS = 2485 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

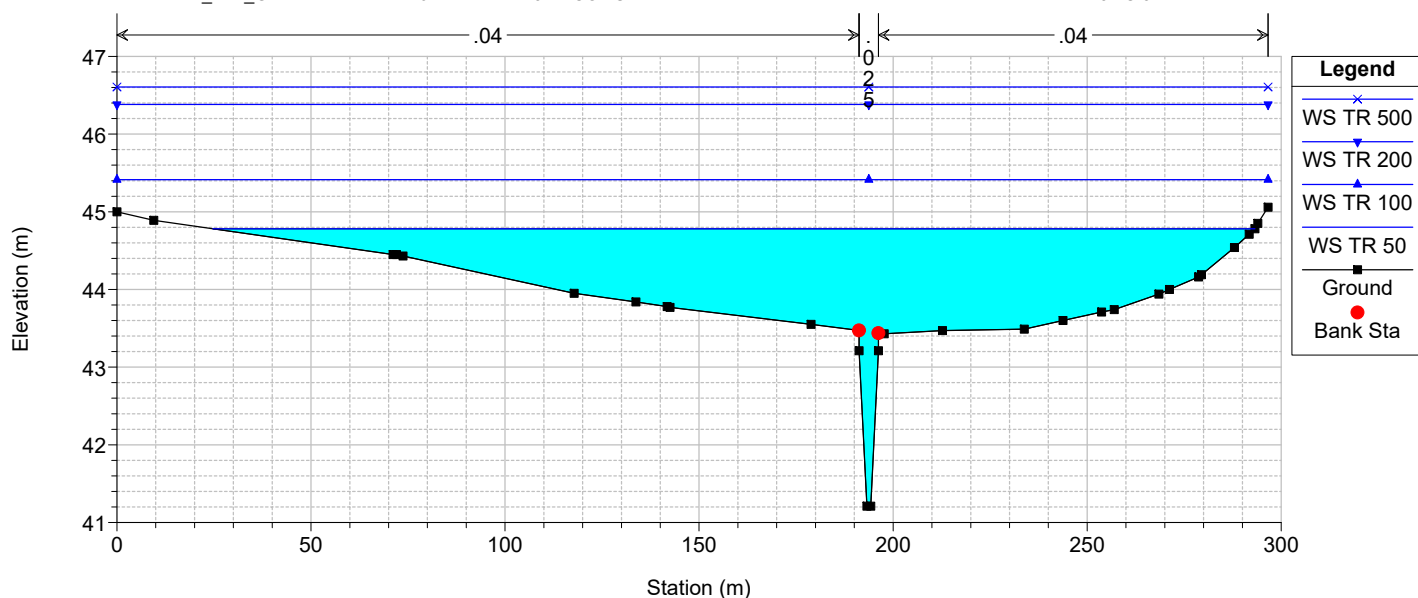
River = Riu_Don_Gavinu Reach = B16 RS = 2450 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

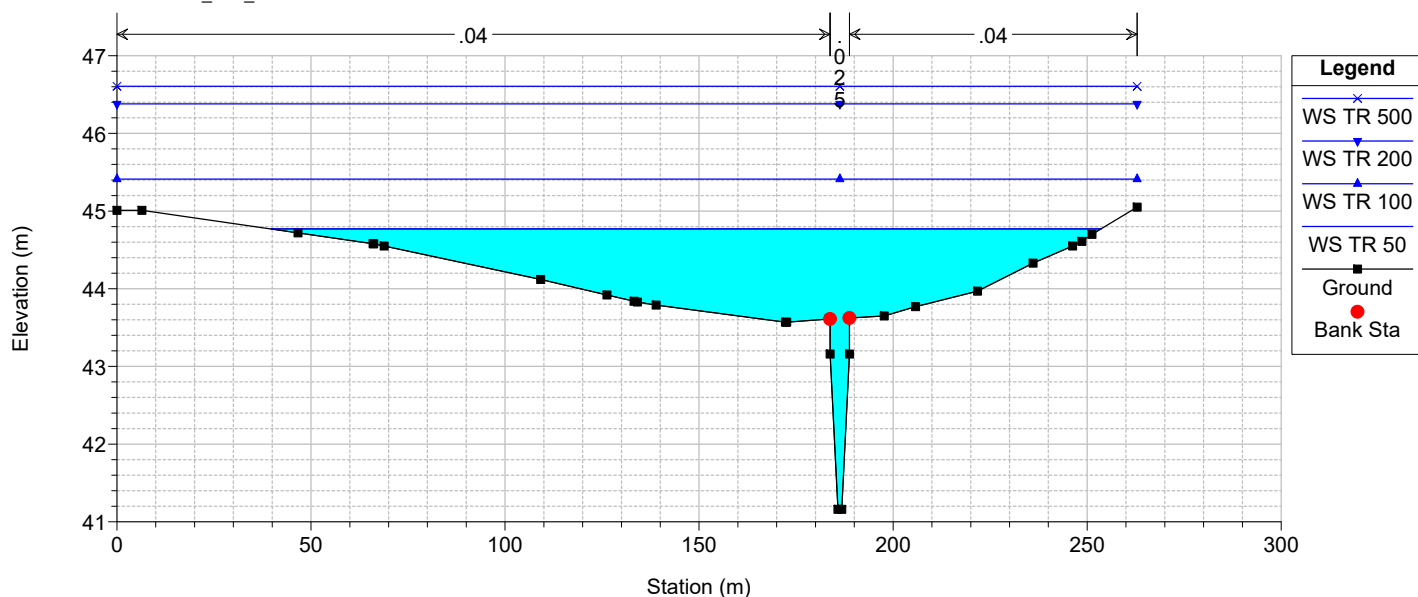
River = Riu_Don_Gavinu Reach = B16 RS = 2415 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

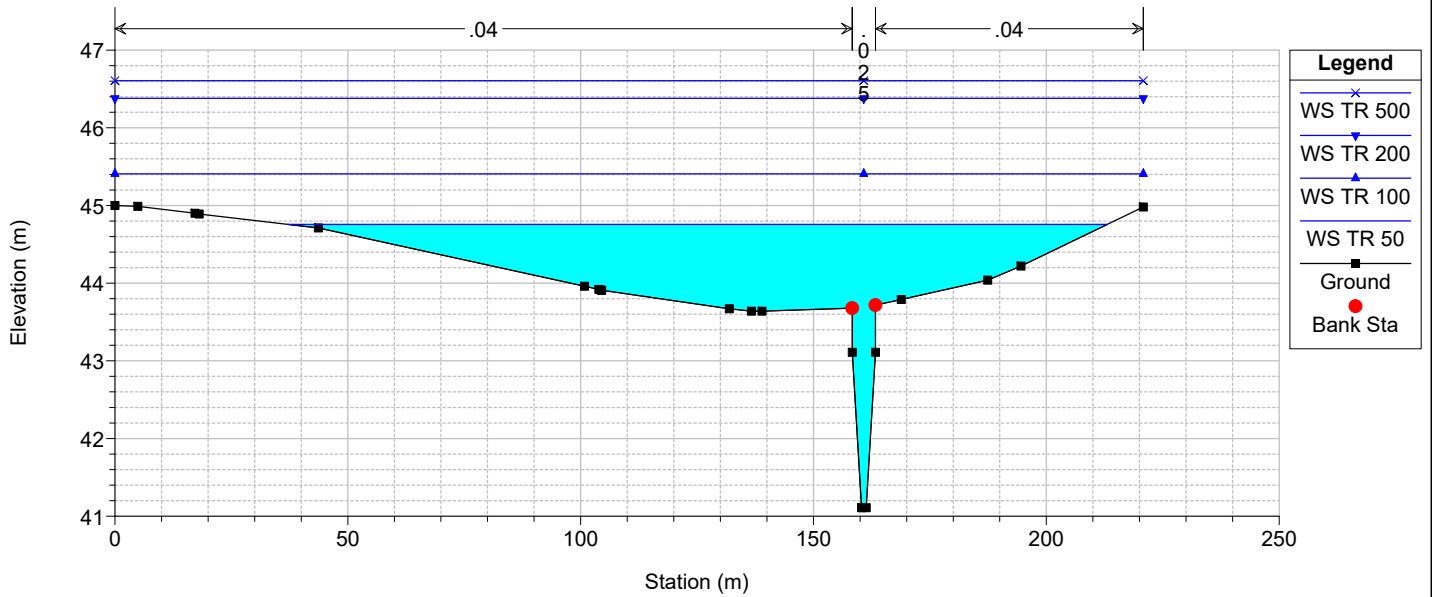
River = Riu_Don_Gavinu Reach = B16 RS = 2380 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

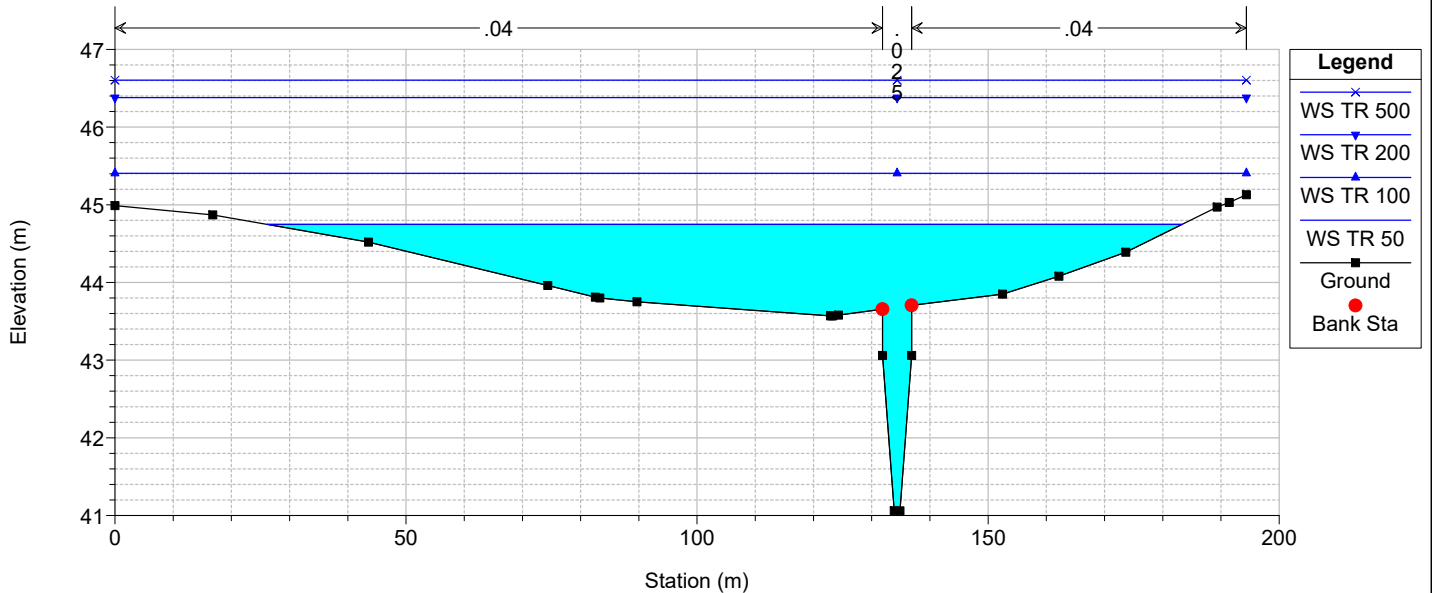
River = Riu_Don_Gavinu Reach = B16 RS = 2345 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

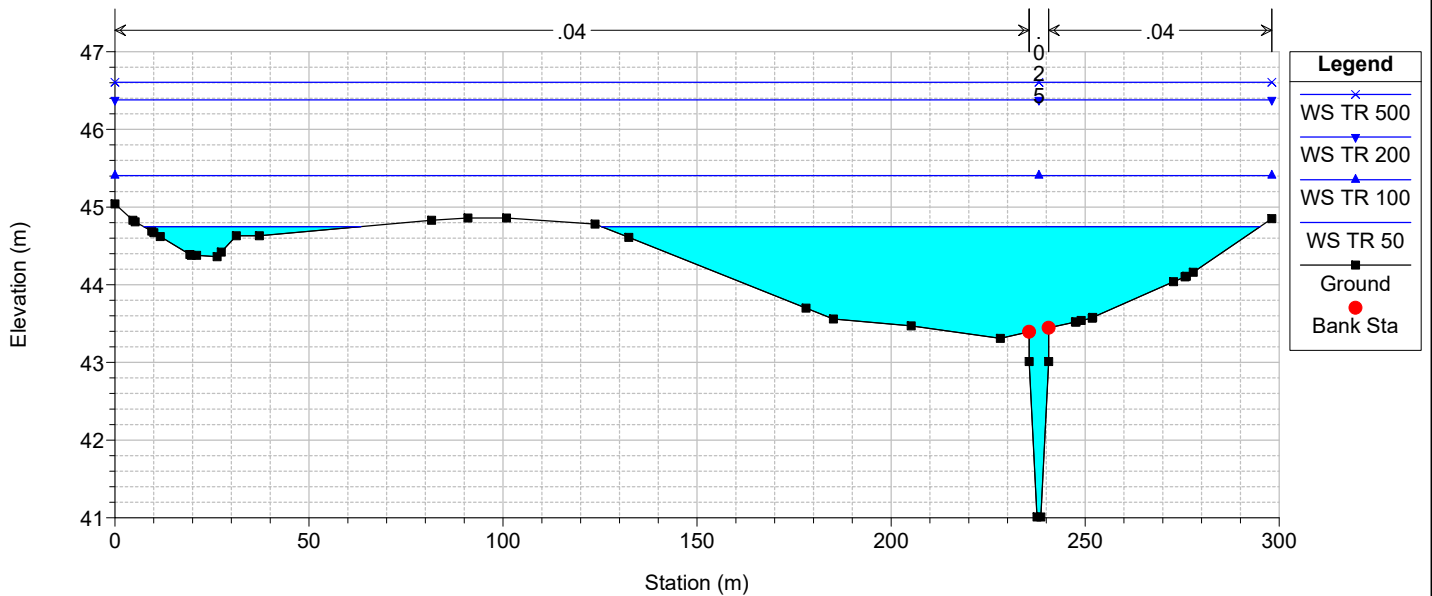
River = Riu_Don_Gavinu Reach = B16 RS = 2310 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

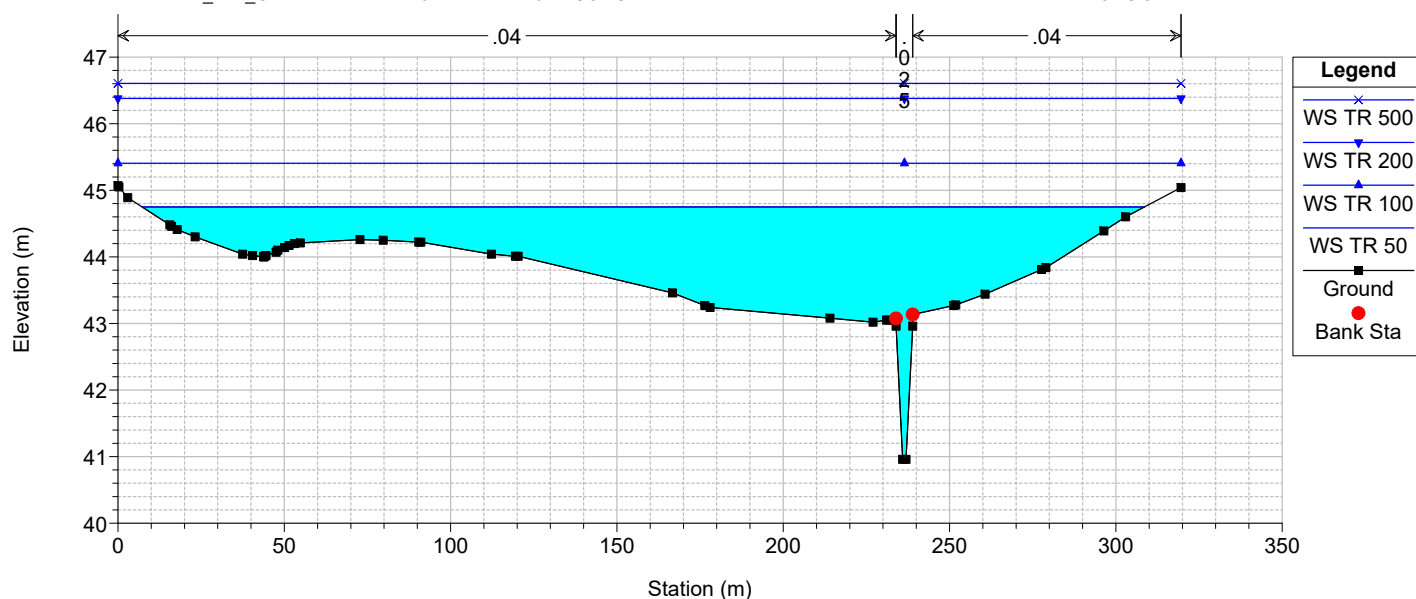
River = Riu_Don_Gavinu Reach = B16 RS = 2275 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

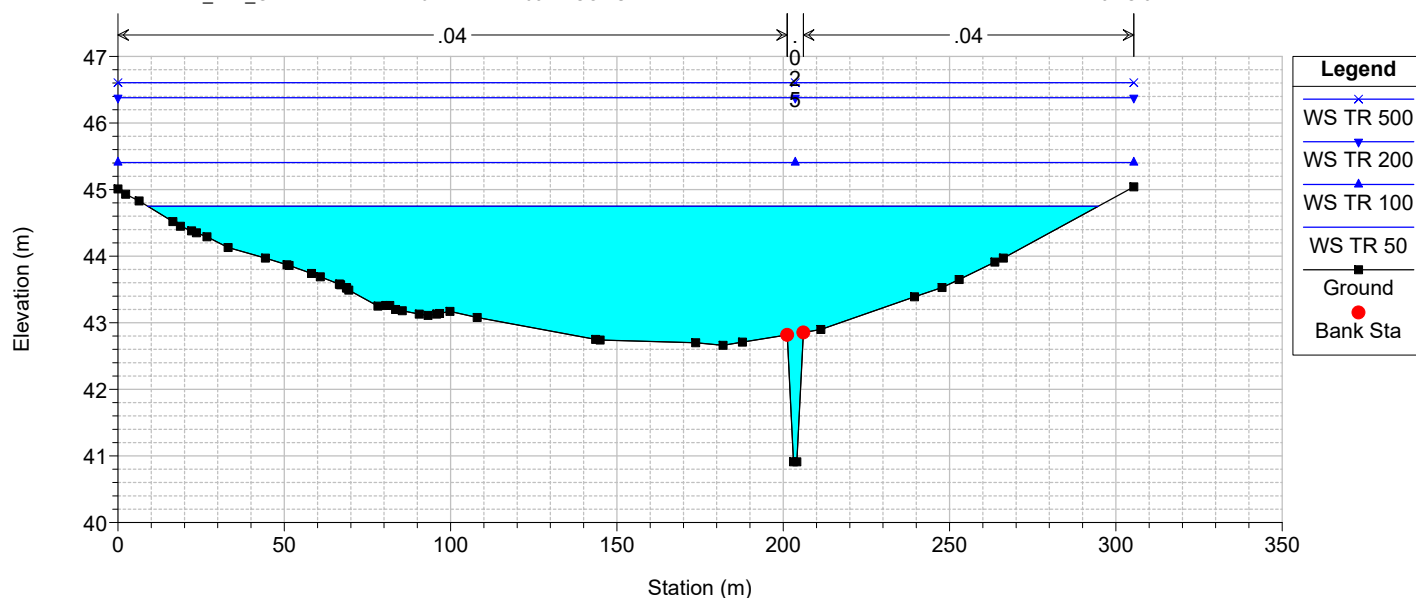
River = Riu_Don_Gavinu Reach = B16 RS = 2240 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

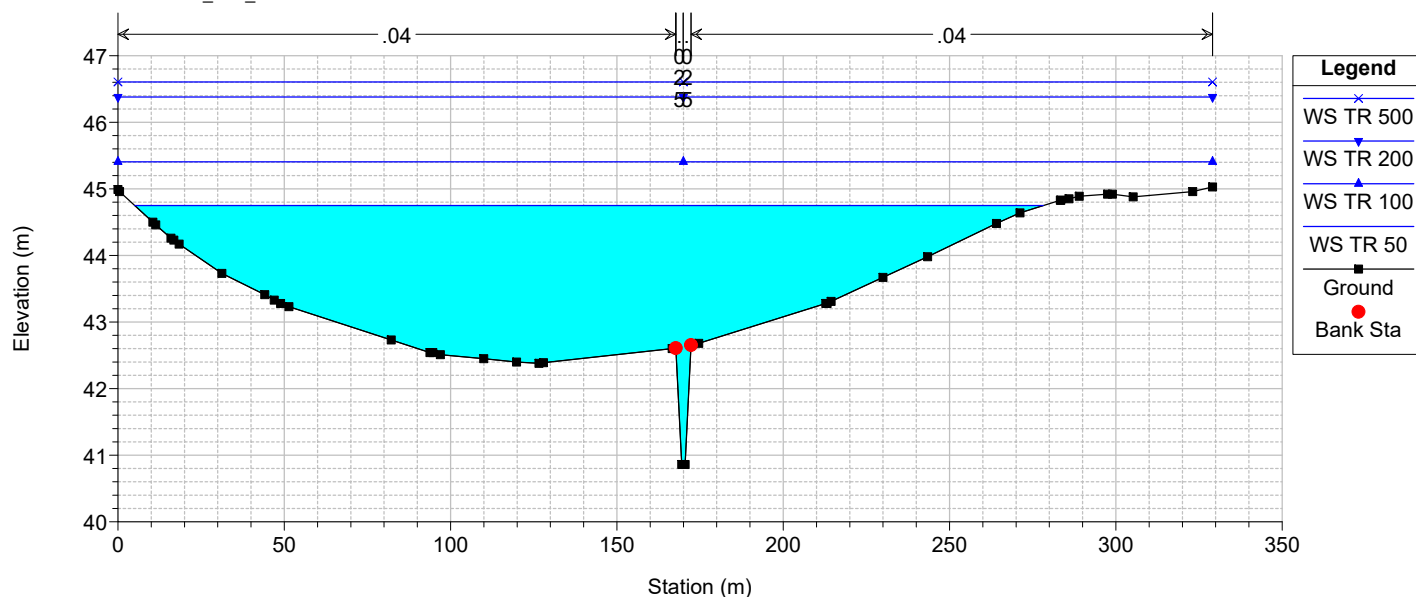
River = Riu_Don_Gavinu Reach = B16 RS = 2205 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

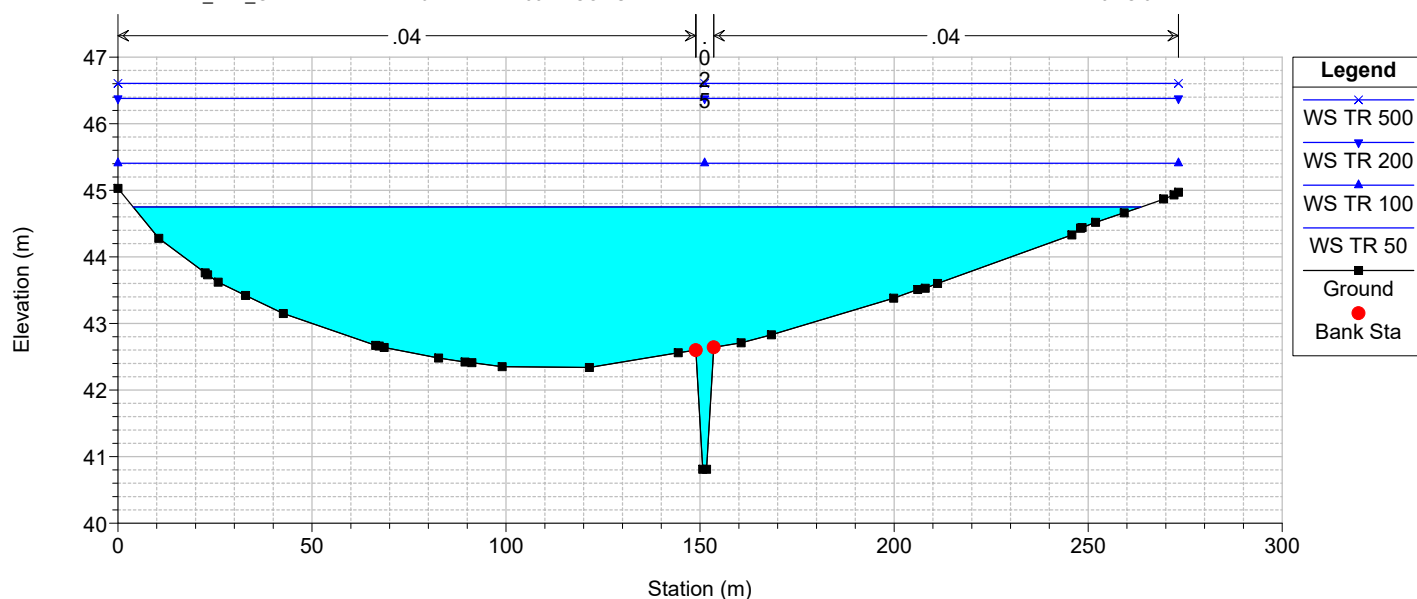
River = Riu_Don_Gavinu Reach = B16 RS = 2170 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

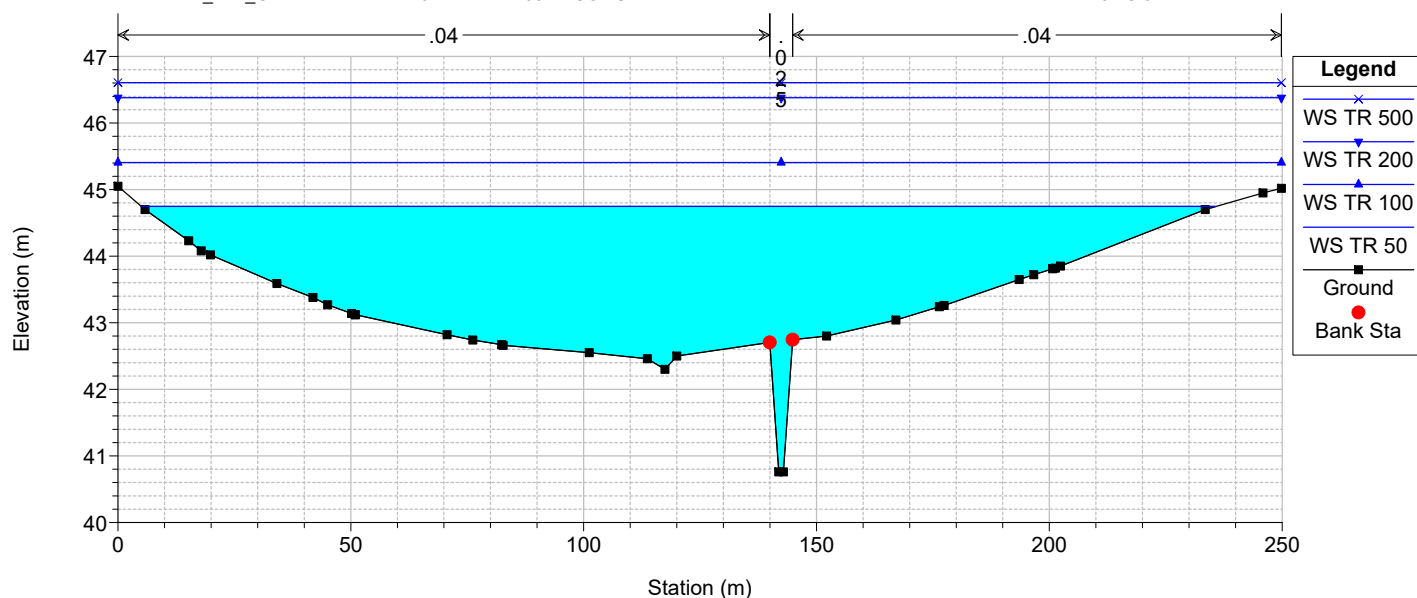
River = Riu_Don_Gavinu Reach = B16 RS = 2135 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

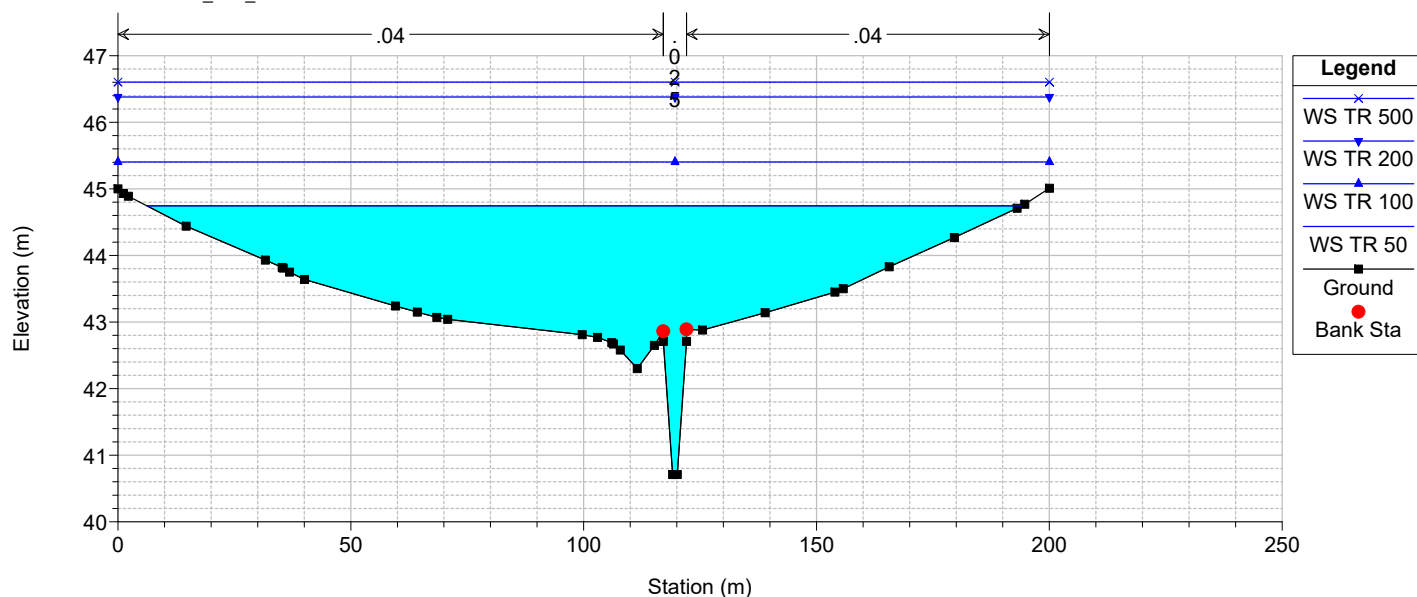
River = Riu_Don_Gavinu Reach = B16 RS = 2100 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

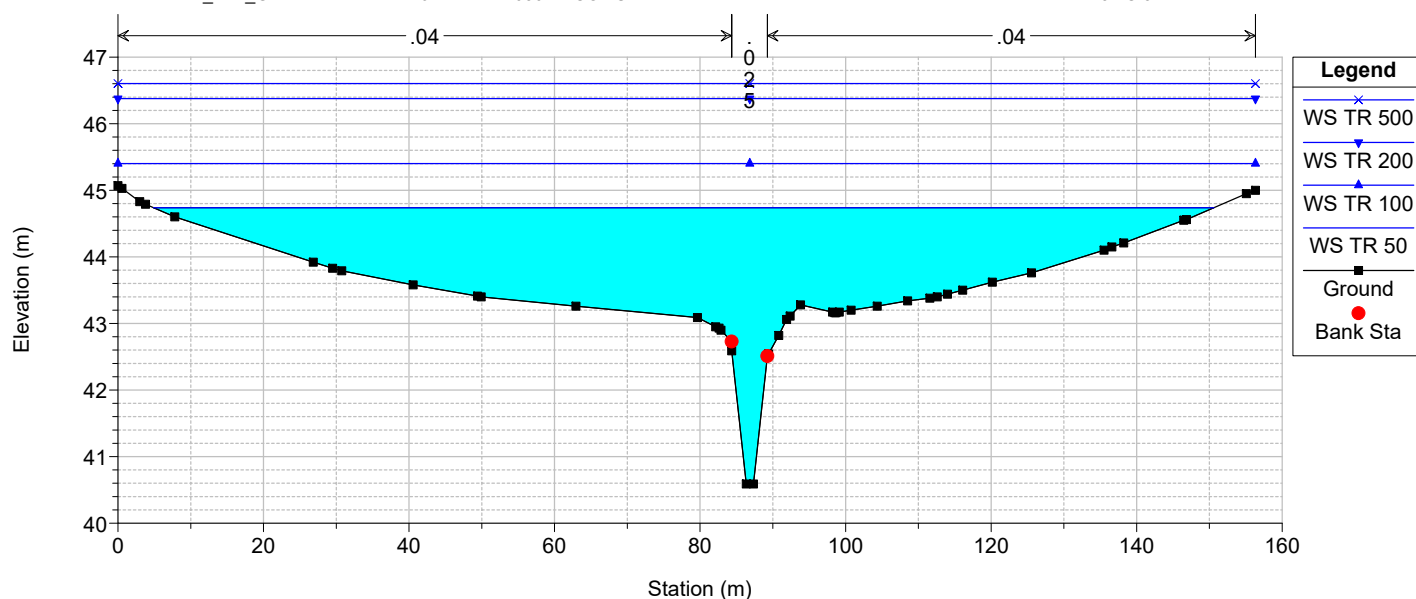
River = Riu_Don_Gavinu Reach = B16 RS = 2065 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

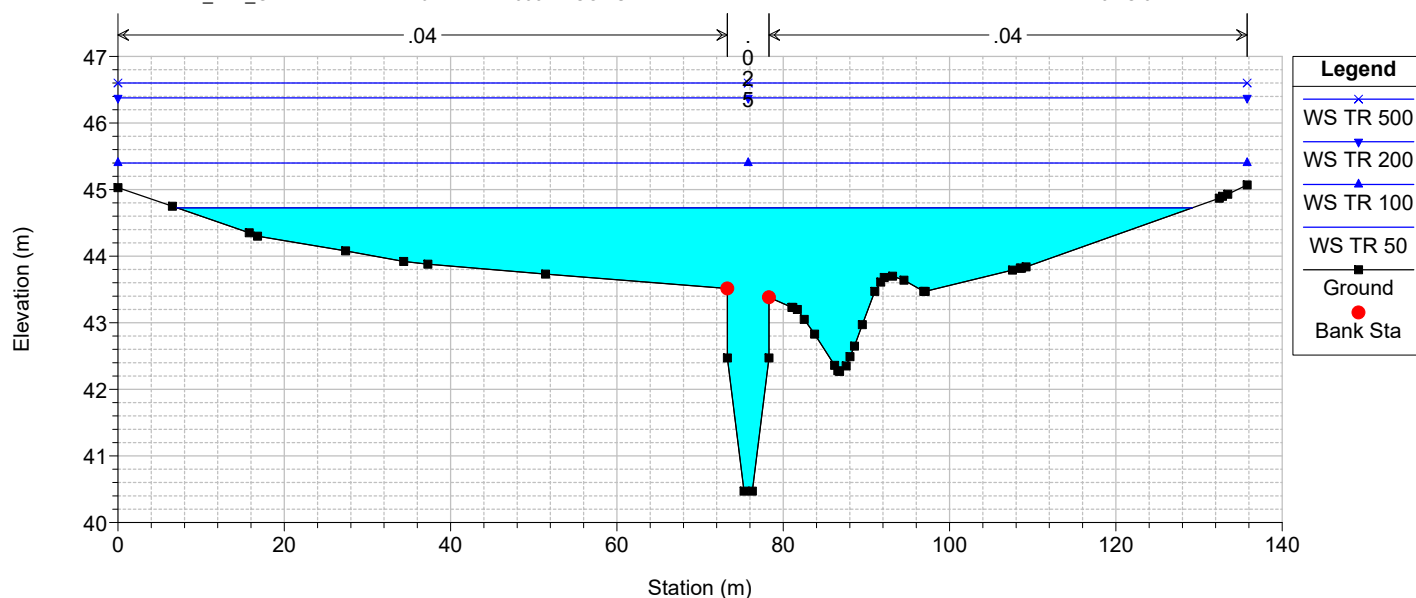
River = Riu_Don_Gavinu Reach = B16 RS = 2030 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

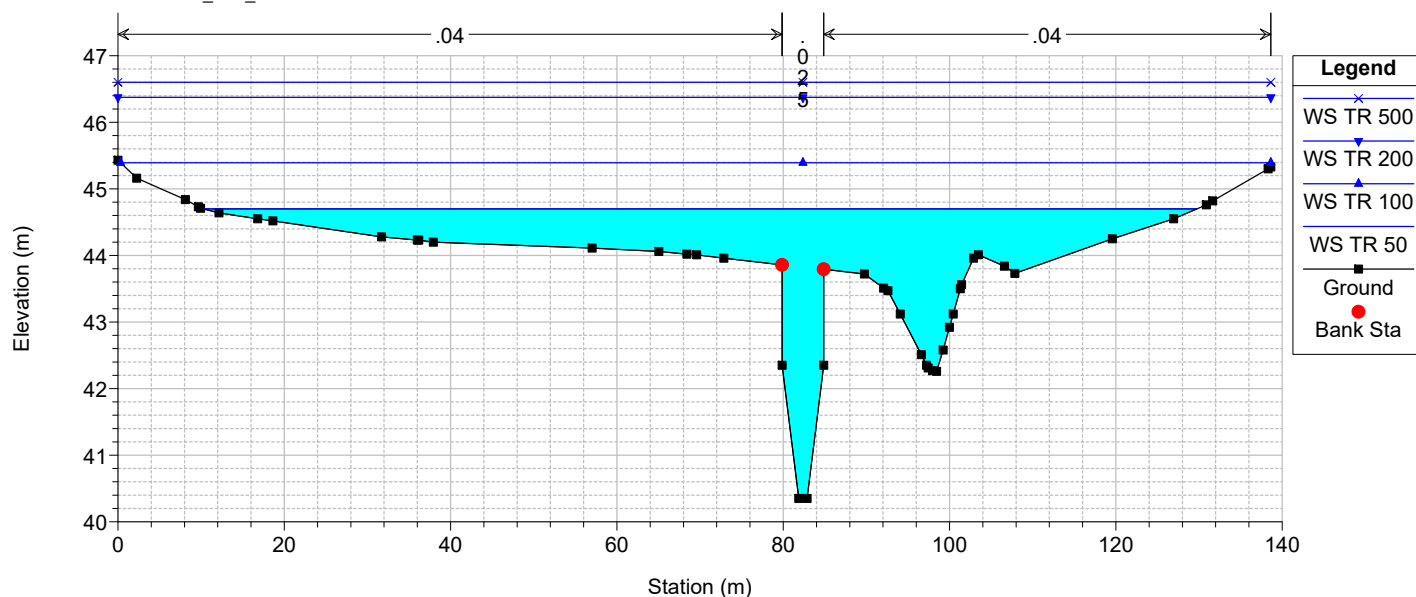
River = Riu_Don_Gavinu Reach = B16 RS = 1995 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

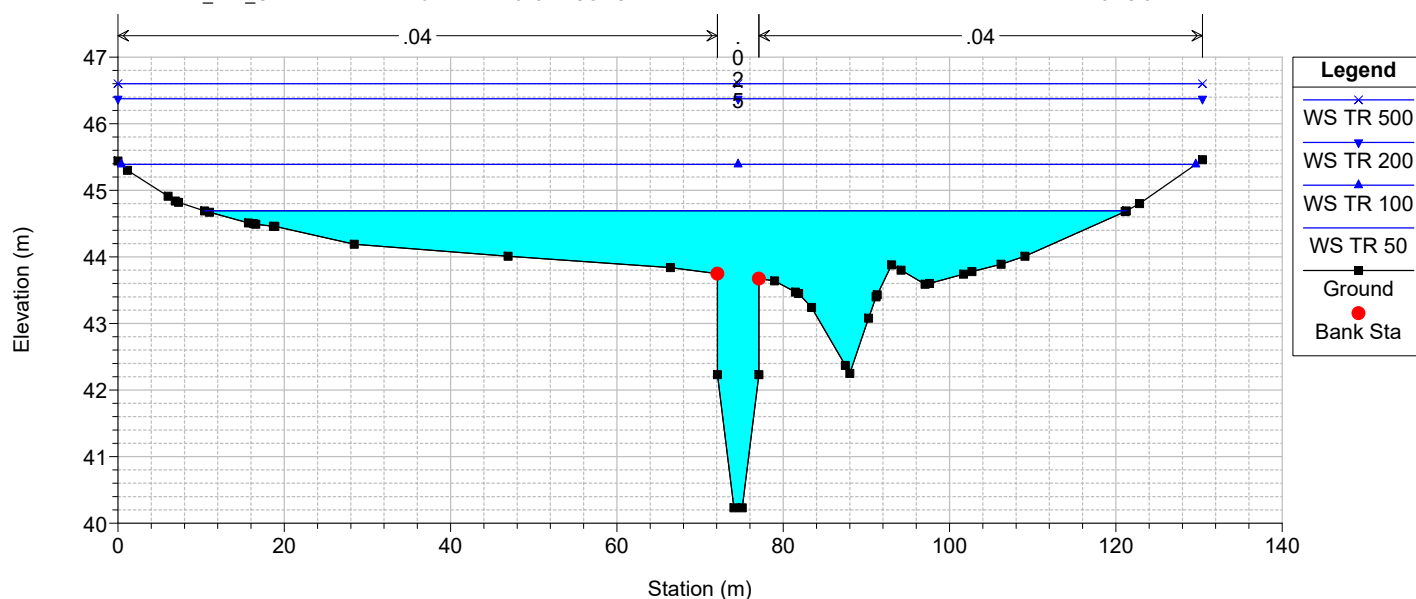
River = Riu_Don_Gavinu Reach = B16 RS = 1960 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

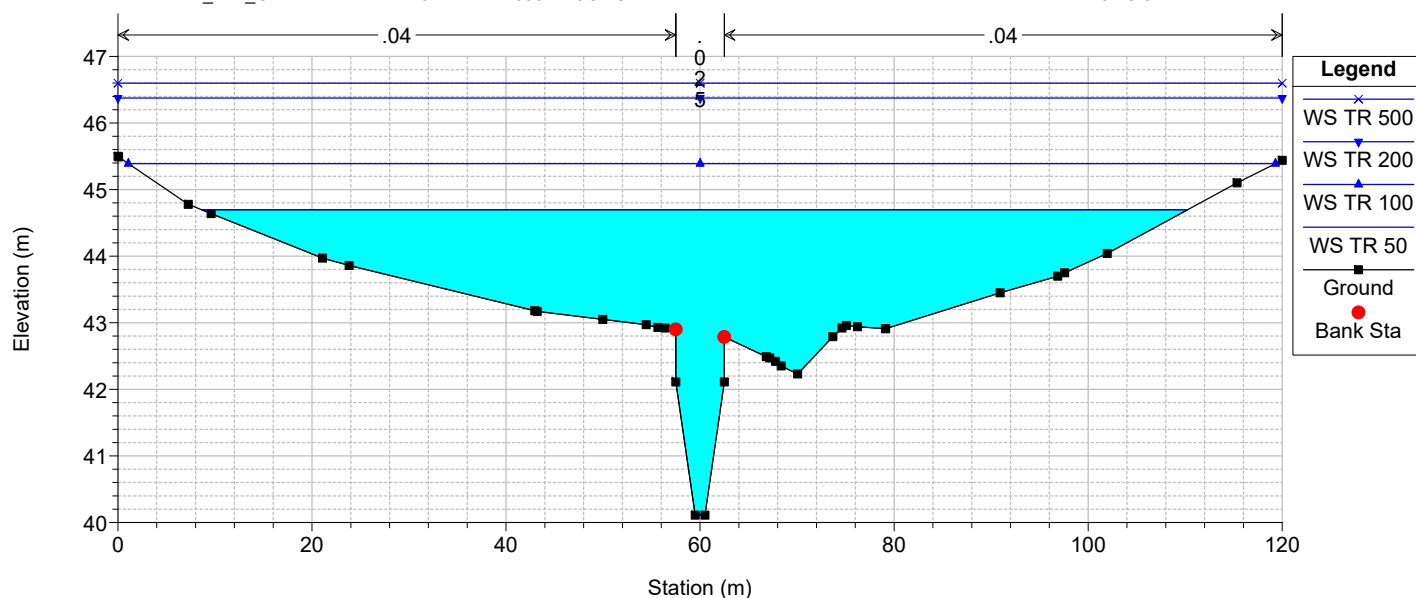
River = Riu_Don_Gavinu Reach = B16 RS = 1925 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

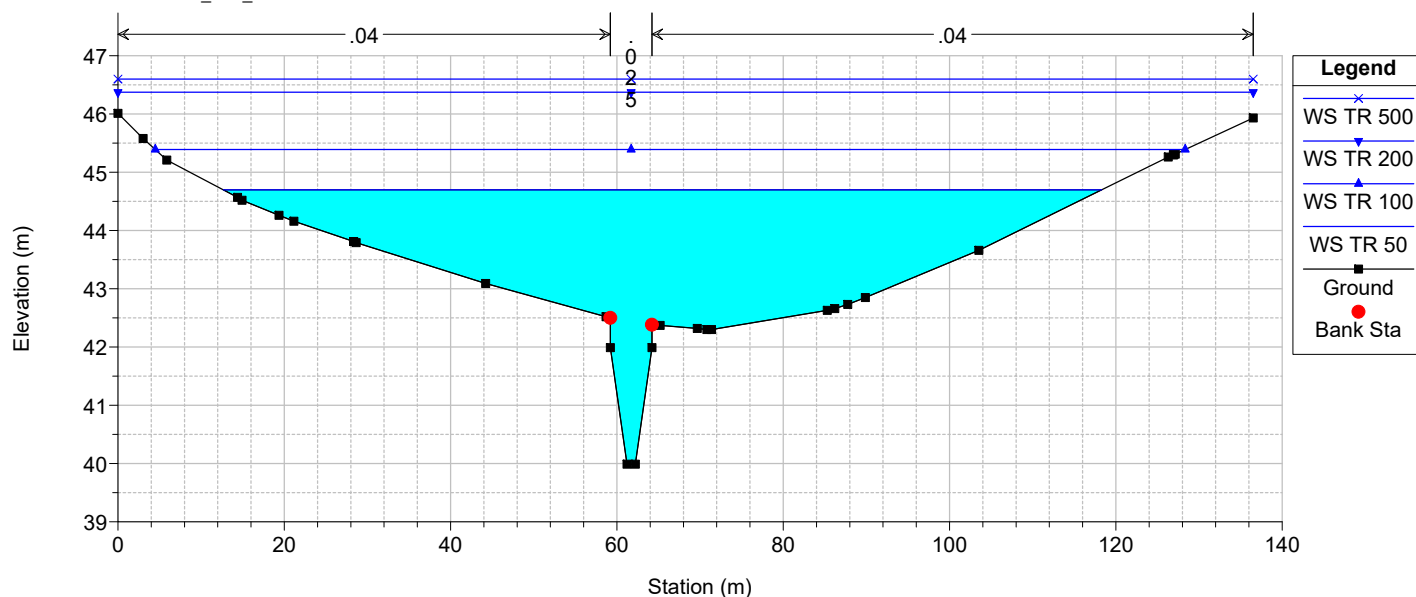
River = Riu_Don_Gavinu Reach = B16 RS = 1890 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

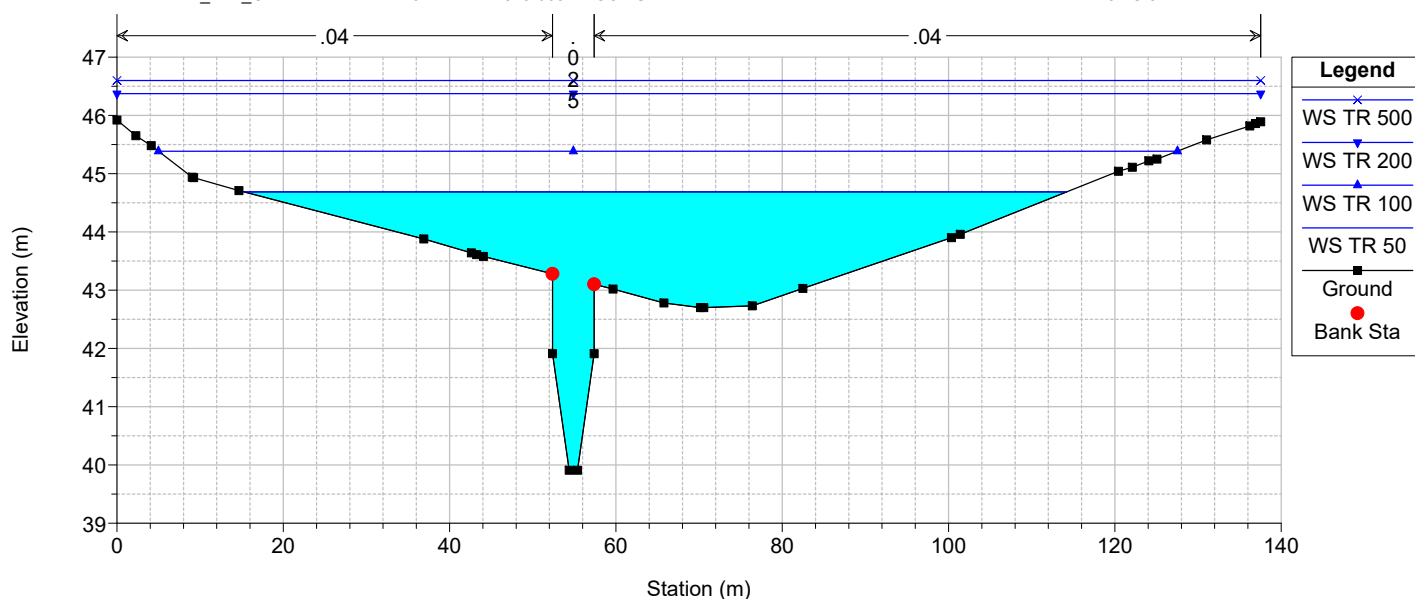
River = Riu_Don_Gavinu Reach = B16 RS = 1855.007 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

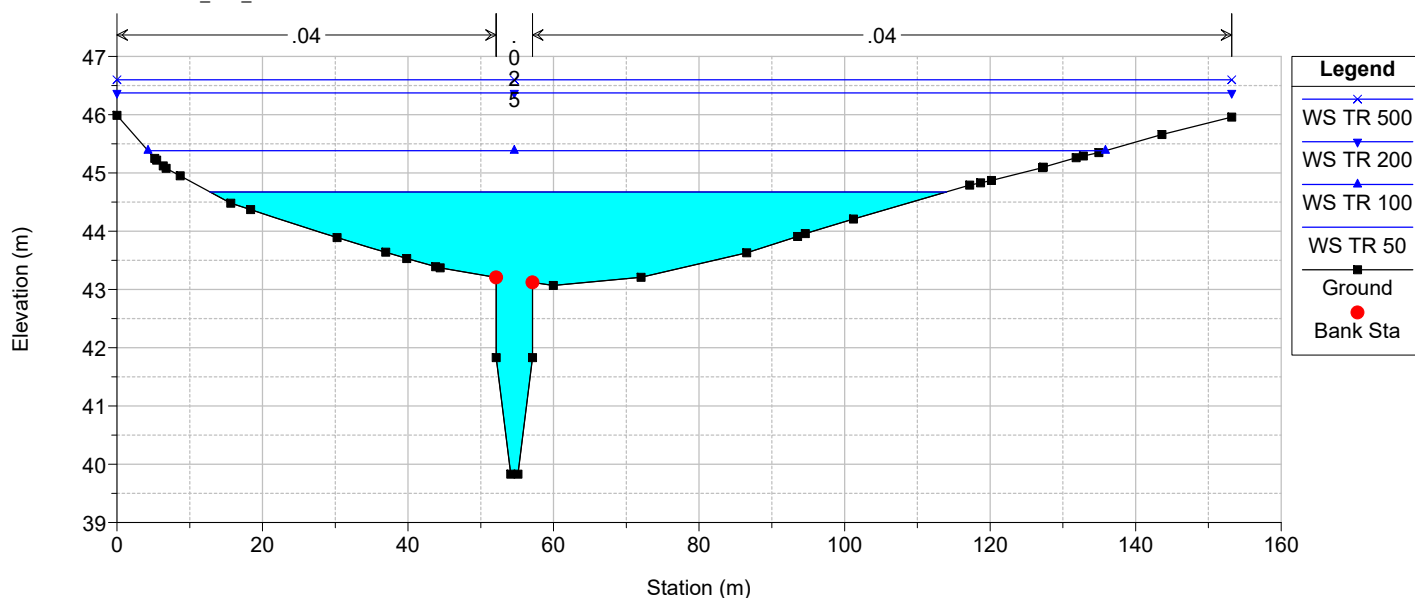
River = Riu_Don_Gavinu Reach = B16 RS = 1819.665 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

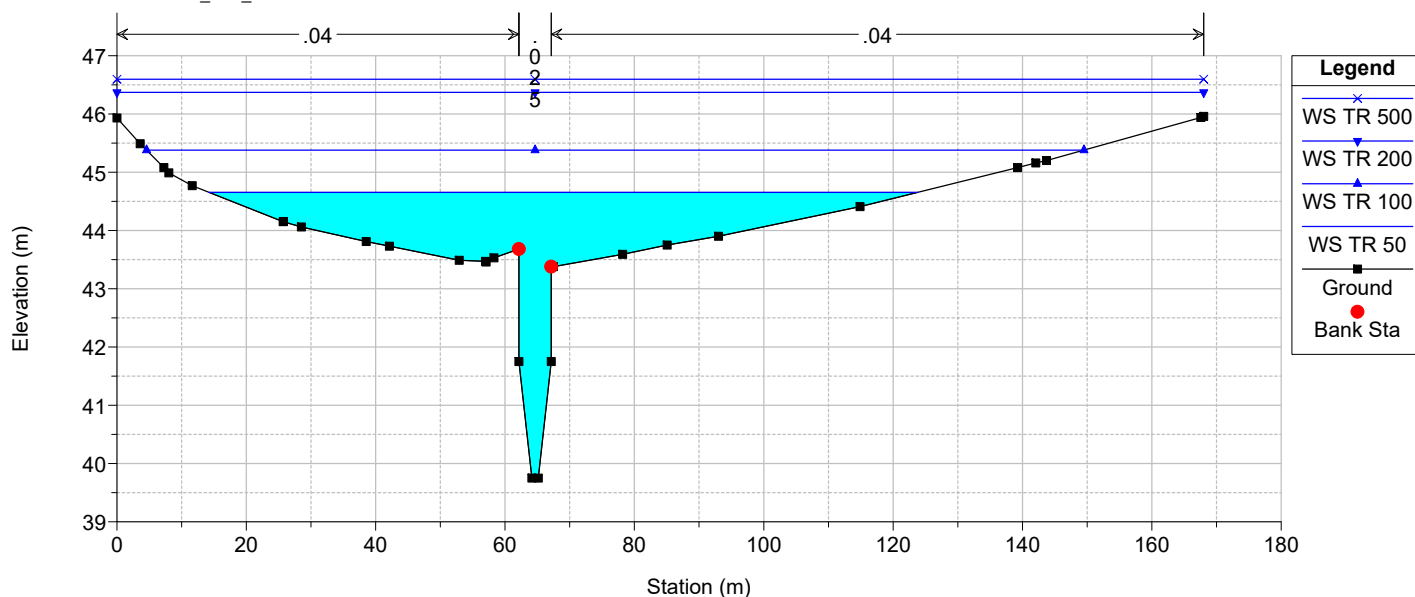
River = Riu_Don_Gavinu Reach = B16 RS = 1785.065 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

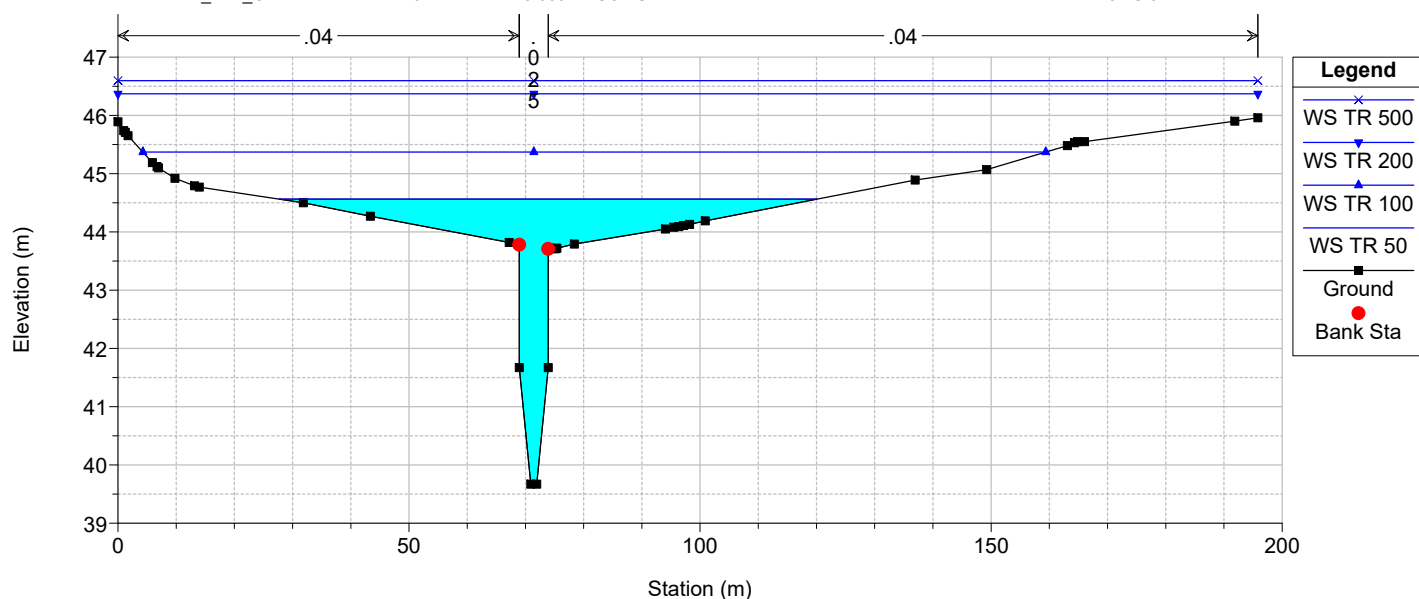
River = Riu_Don_Gavinu Reach = B16 RS = 1750.039 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

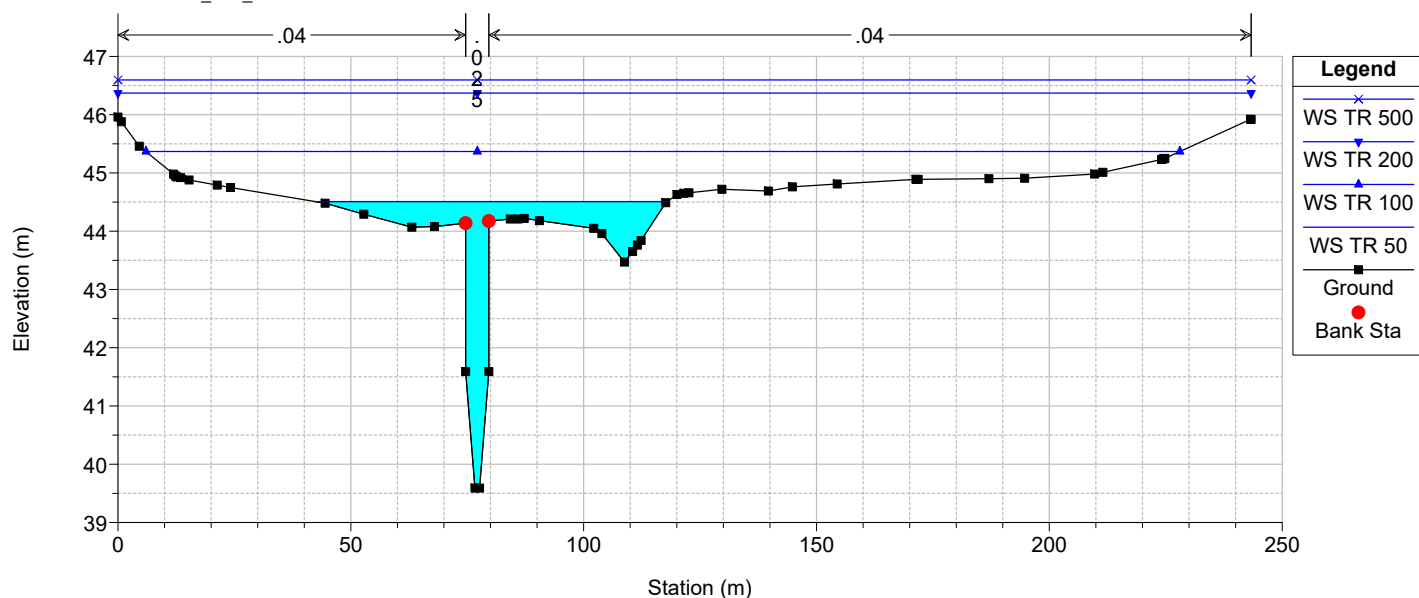
River = Riu_Don_Gavinu Reach = B16 RS = 1715.008 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

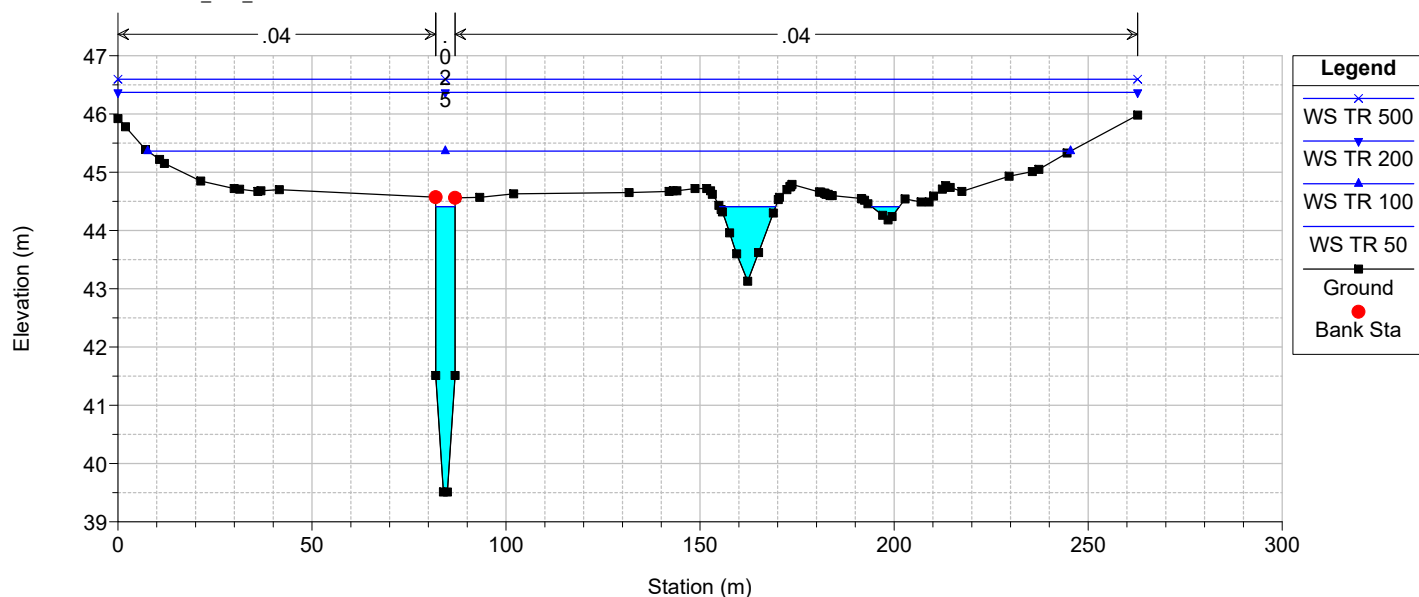
River = Riu_Don_Gavinu Reach = B16 RS = 1680.128 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

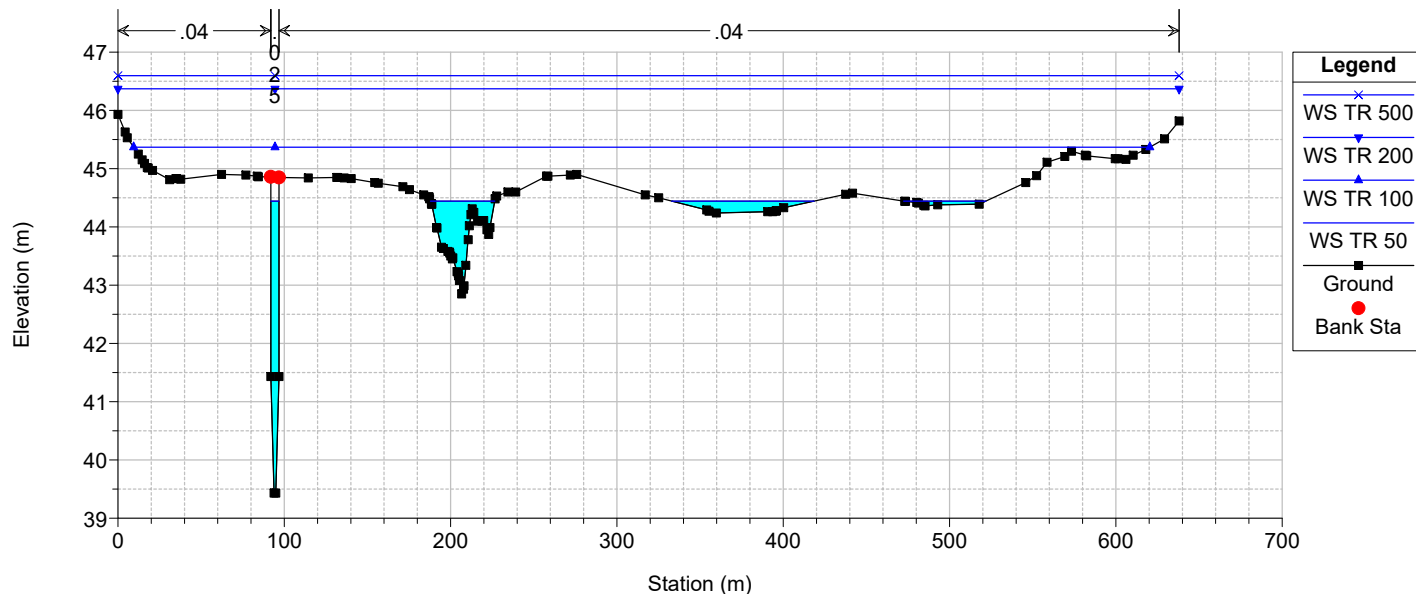
River = Riu_Don_Gavinu Reach = B16 RS = 1645.339 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

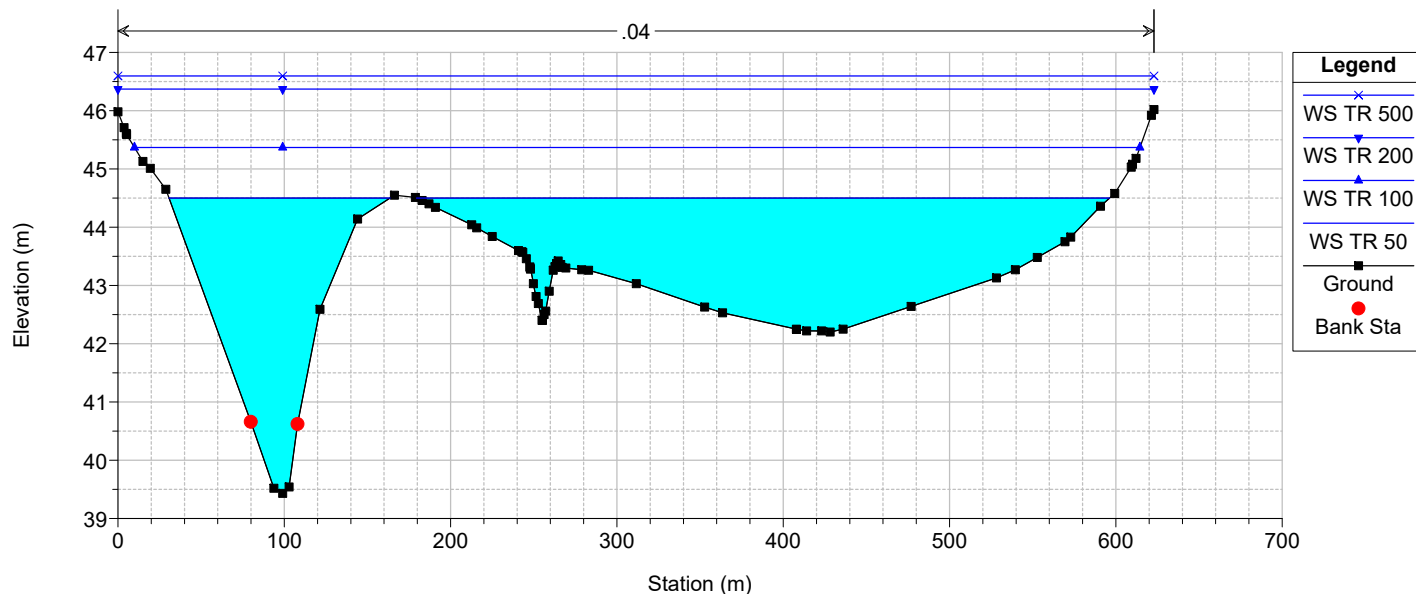
River = Riu_Don_Gavinu Reach = B16 RS = 1610 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

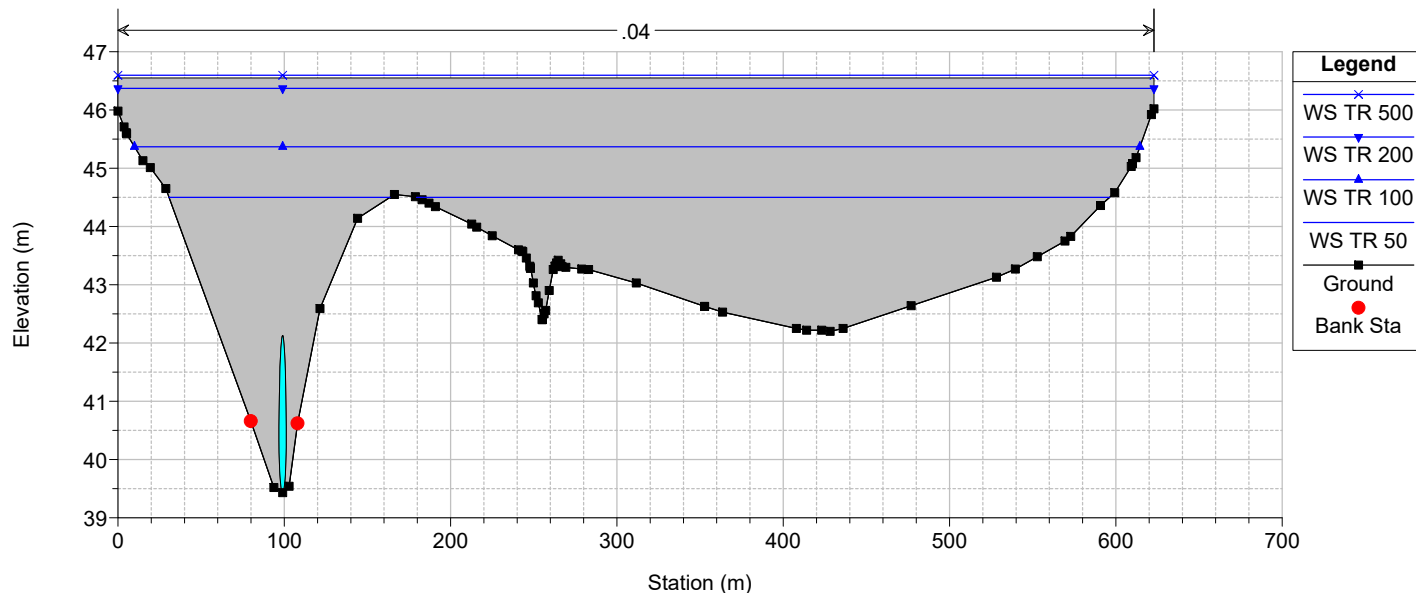
River = Riu_Don_Gavinu Reach = B16 RS = 1590.738 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

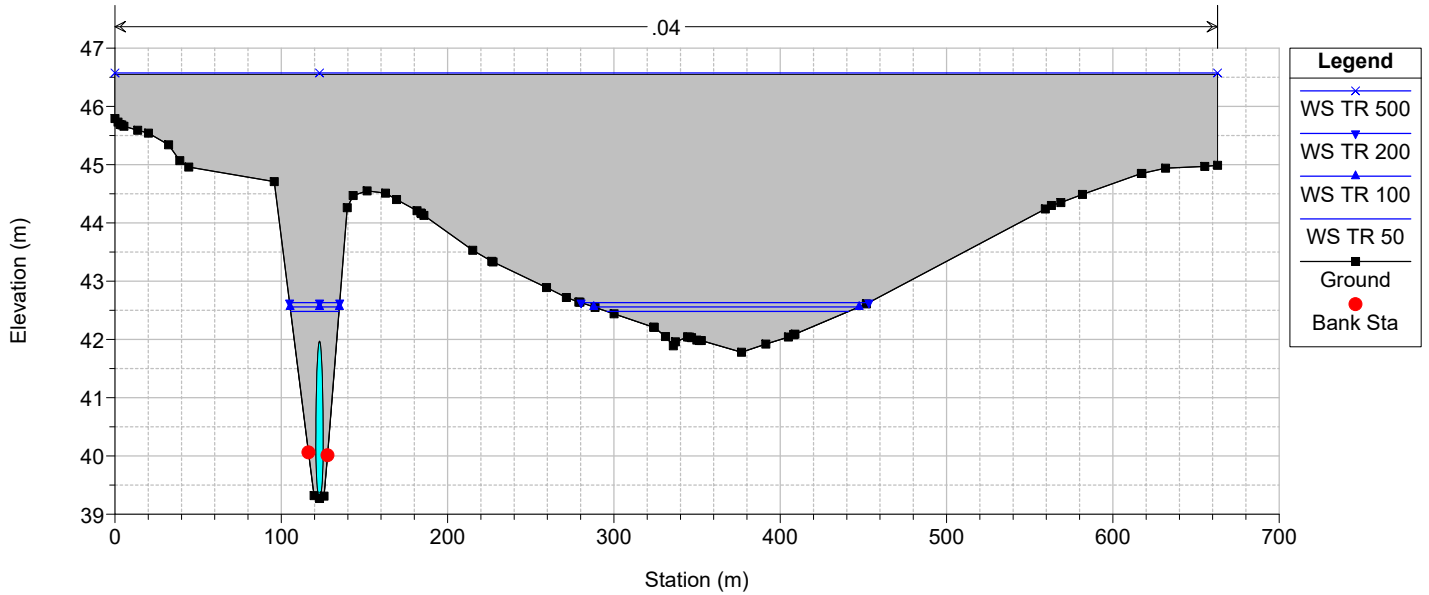
River = Riu_Don_Gavinu Reach = B16 RS = 1571.691 Culv B16 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

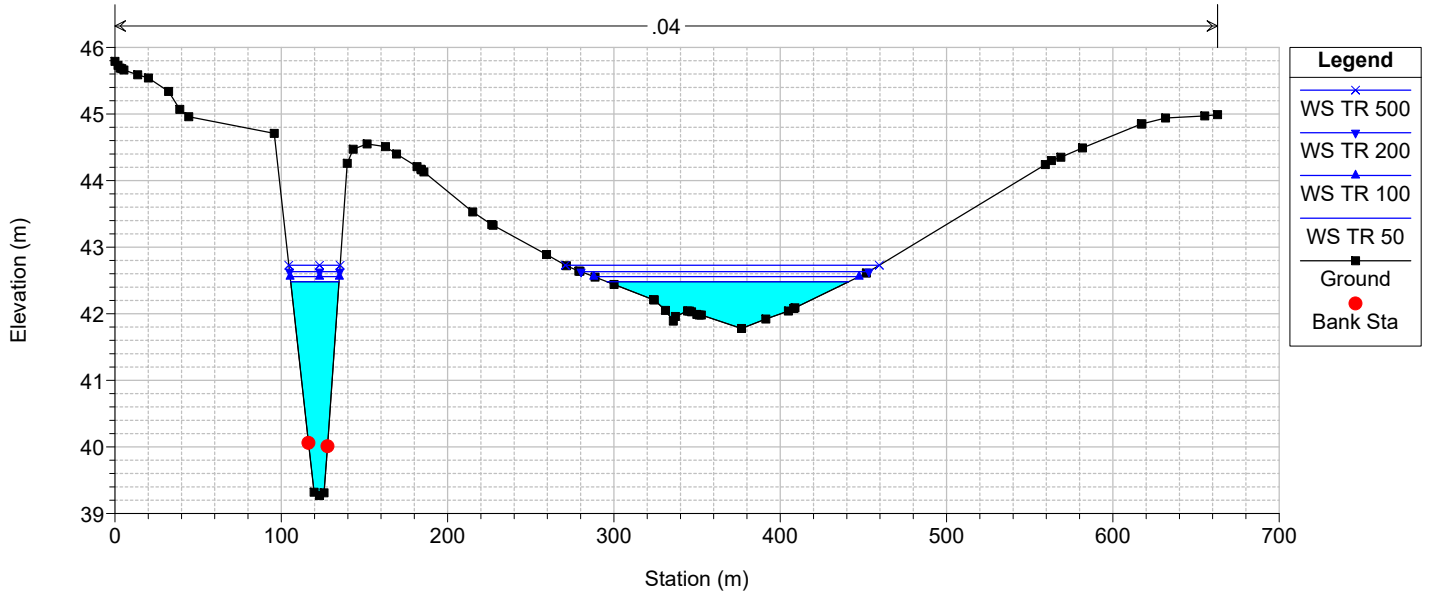
River = Riu_Don_Gavinu Reach = B16 RS = 1571.691 Culv B16 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

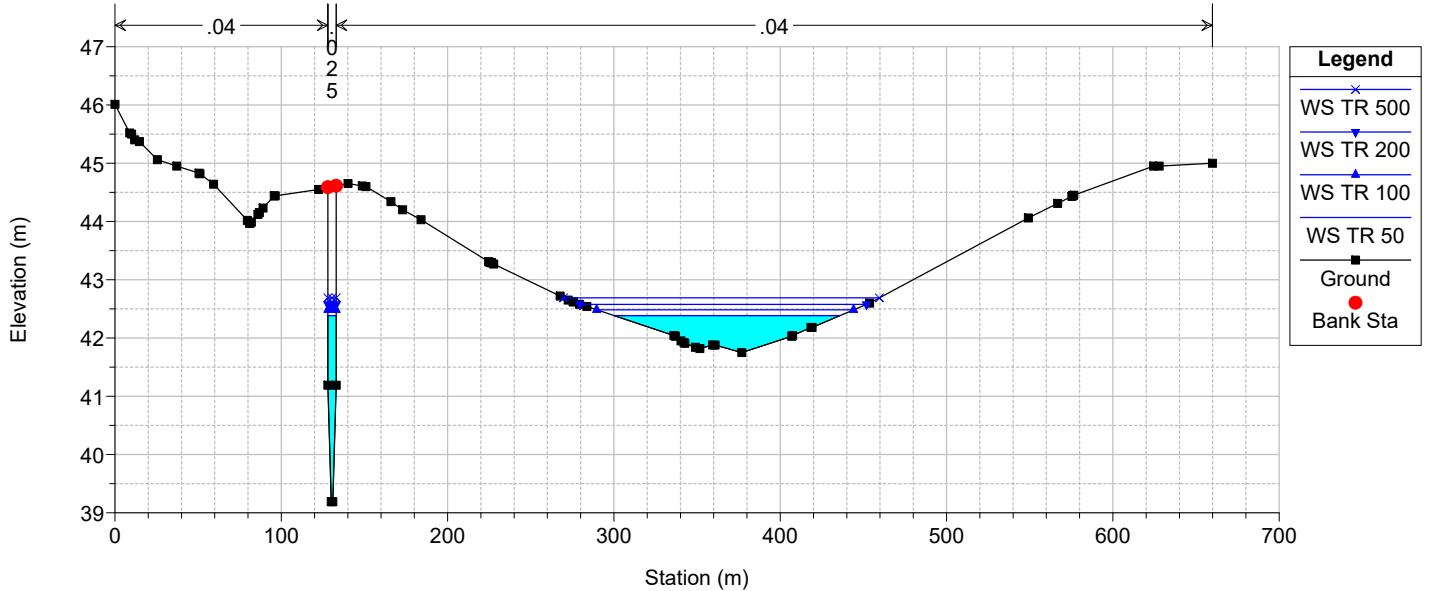
River = Riu_Don_Gavinu Reach = B16 RS = 1552.177 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

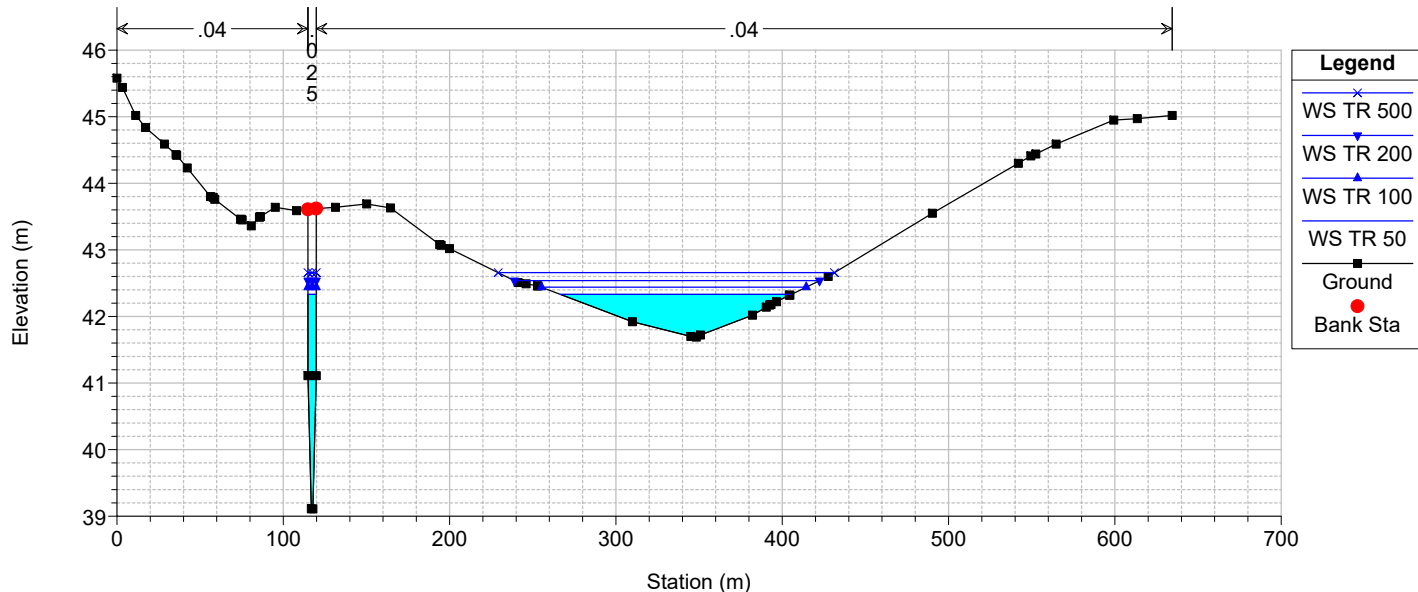
River = Riu_Don_Gavinu Reach = B16 RS = 1539.994 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

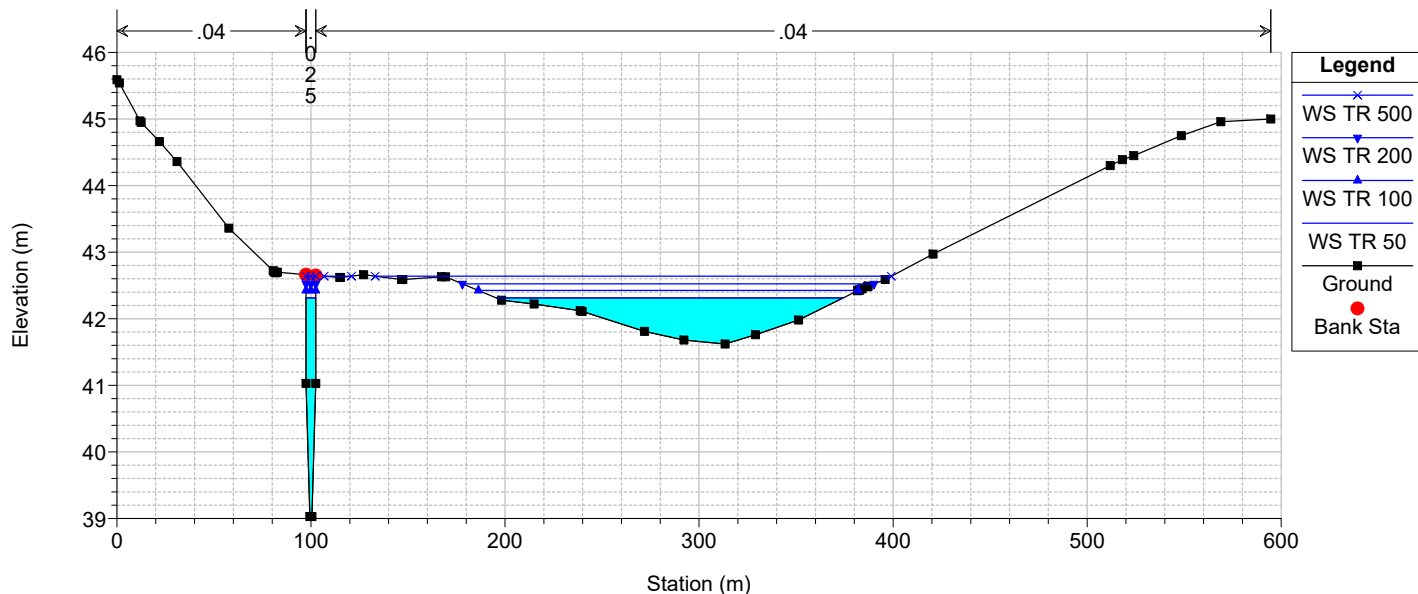
River = Riu_Don_Gavinu Reach = B16 RS = 1505.012 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

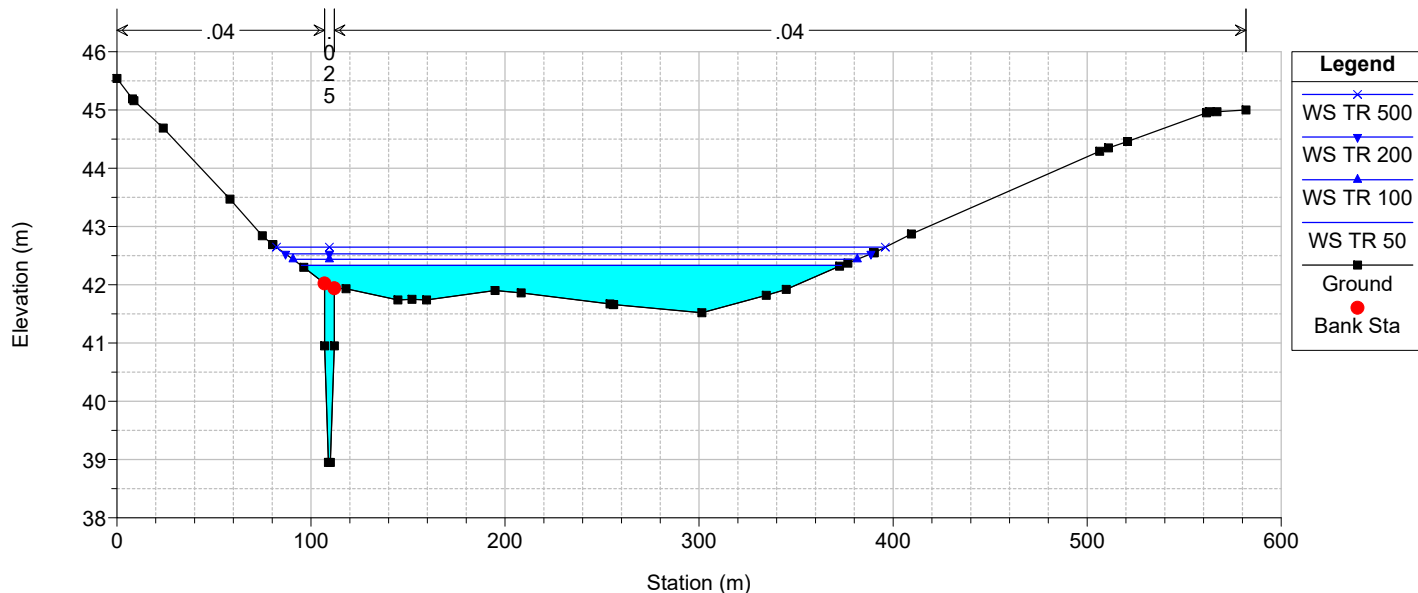
River = Riu_Don_Gavinu Reach = B16 RS = 1470.148 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

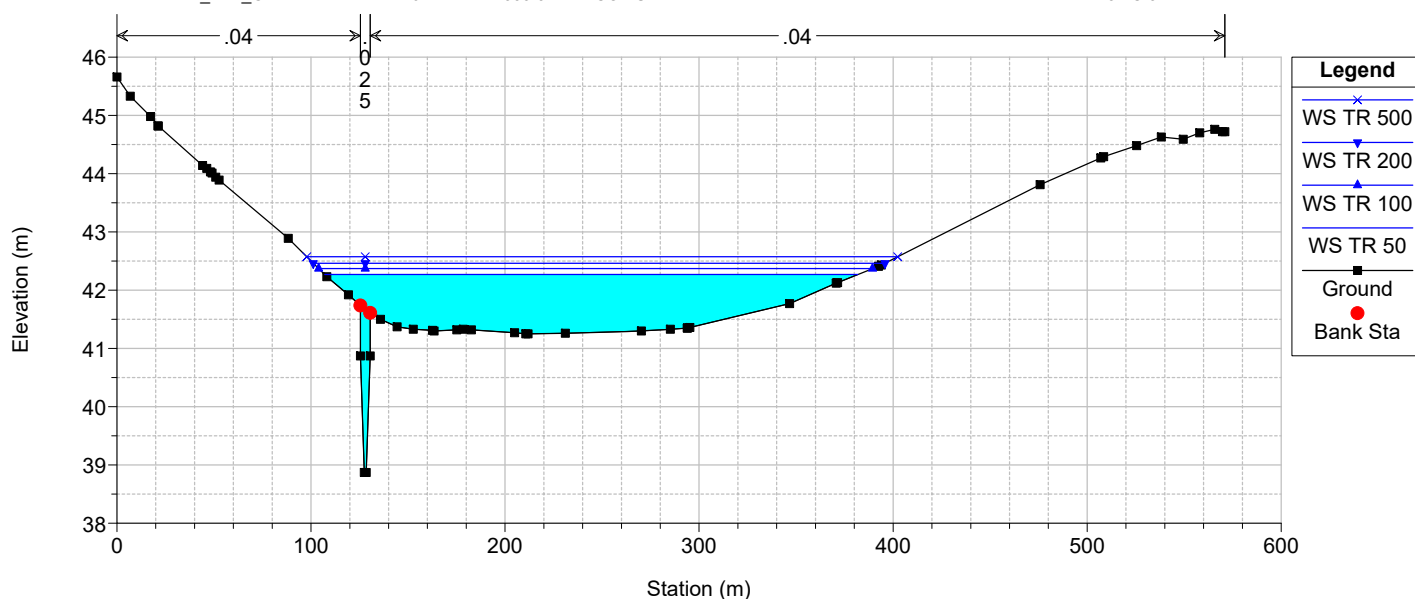
River = Riu_Don_Gavinu Reach = B16 RS = 1435.025 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

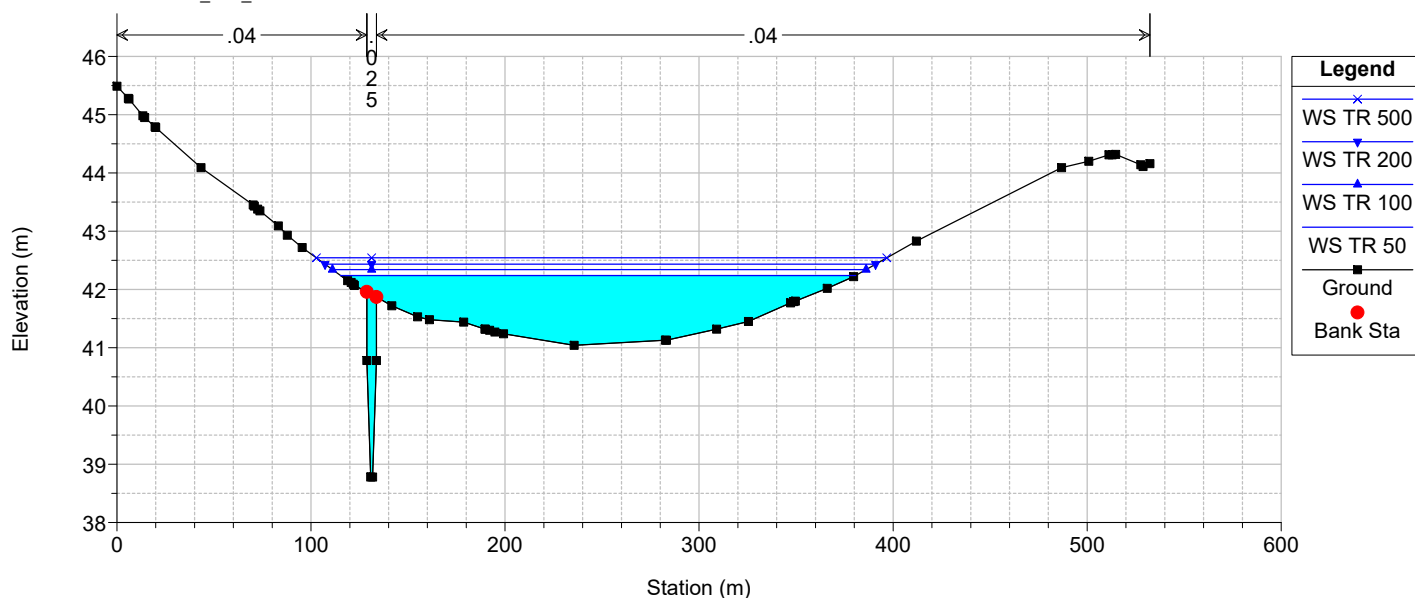
River = Riu_Don_Gavinu Reach = B16 RS = 1399.974 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

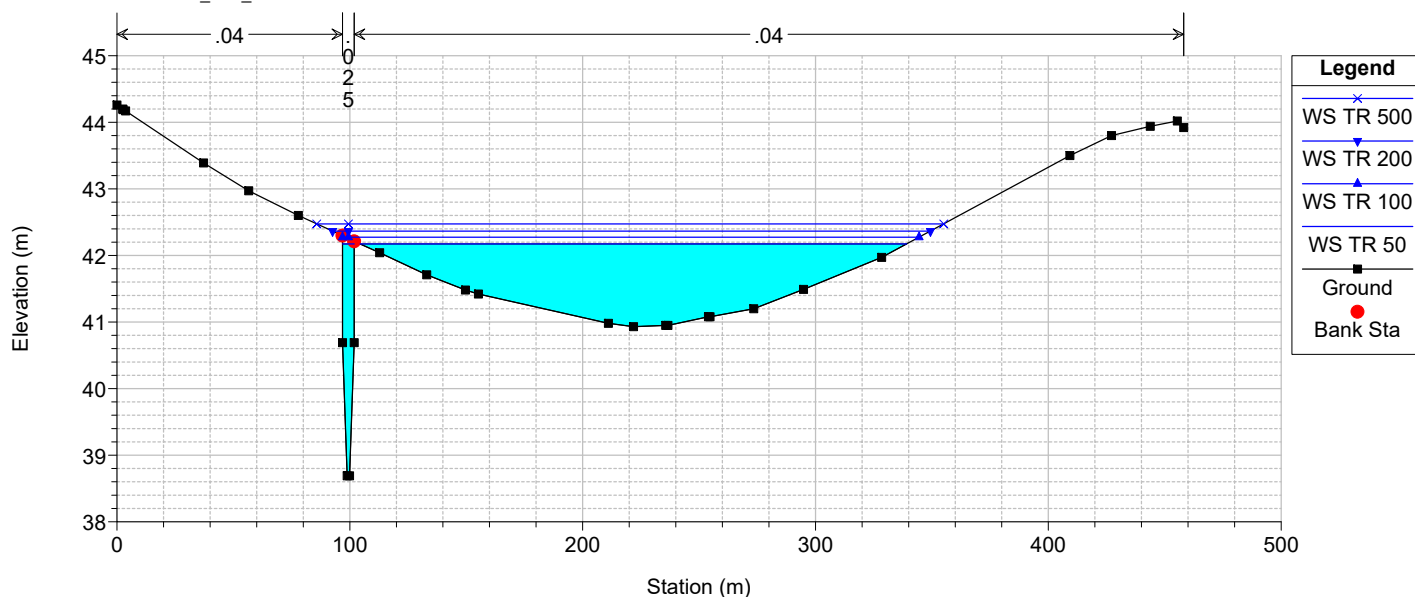
River = Riu_Don_Gavinu Reach = B16 RS = 1371.925 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

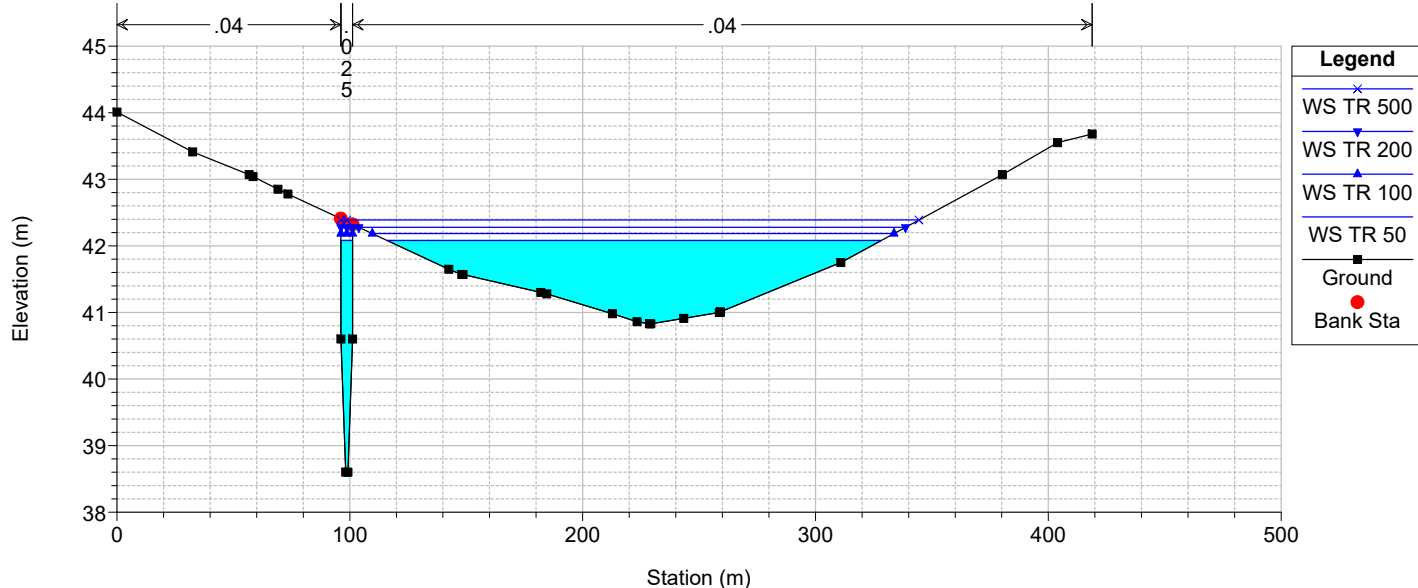
River = Riu_Don_Gavinu Reach = B16 RS = 1330.422 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

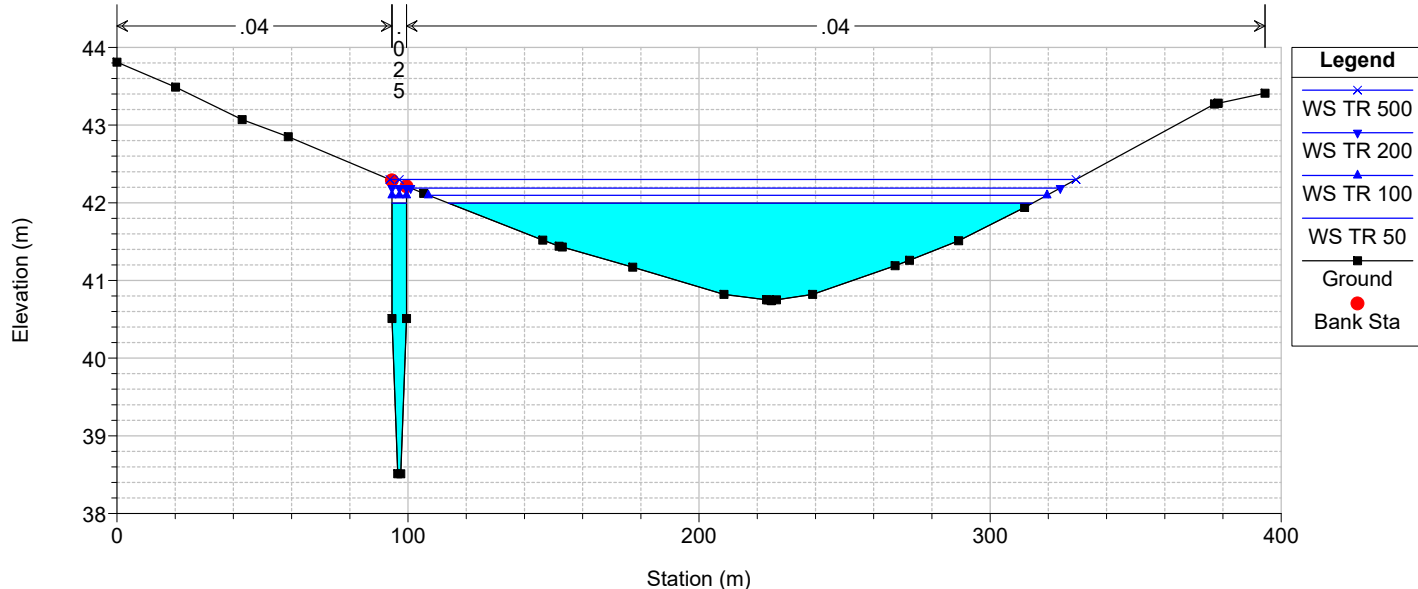
River = Riu_Don_Gavinu Reach = B16 RS = 1294.982 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

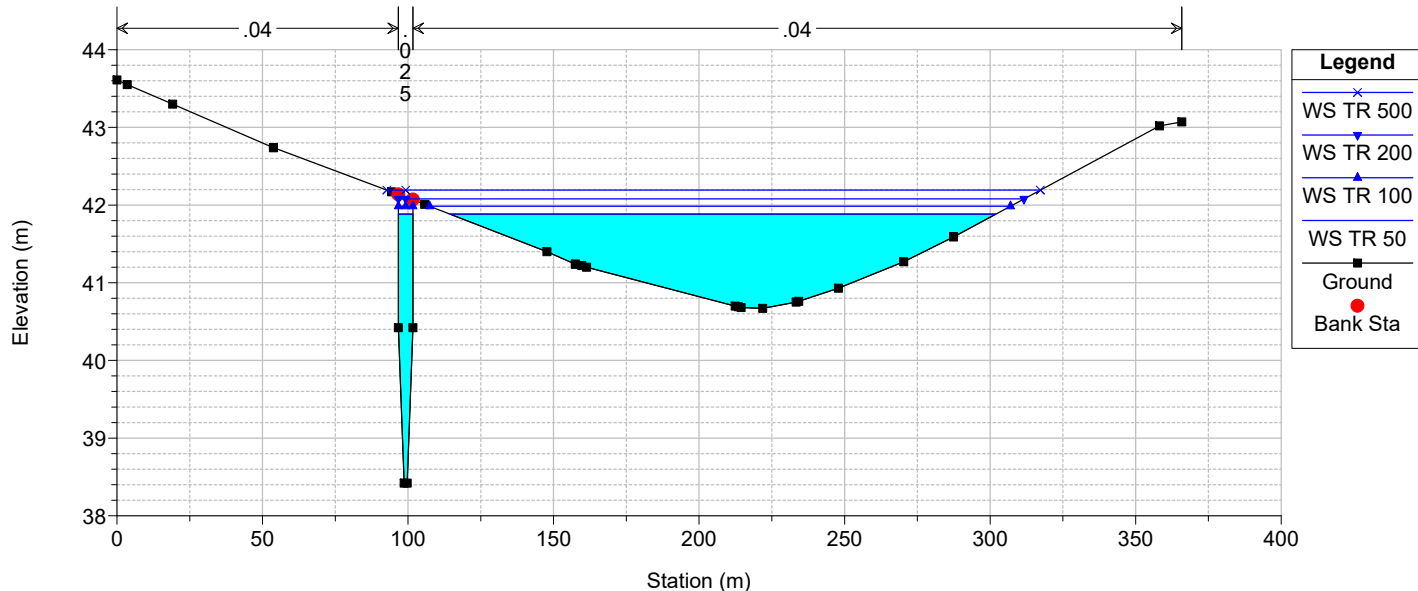
River = Riu_Don_Gavinu Reach = B16 RS = 1259.807 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

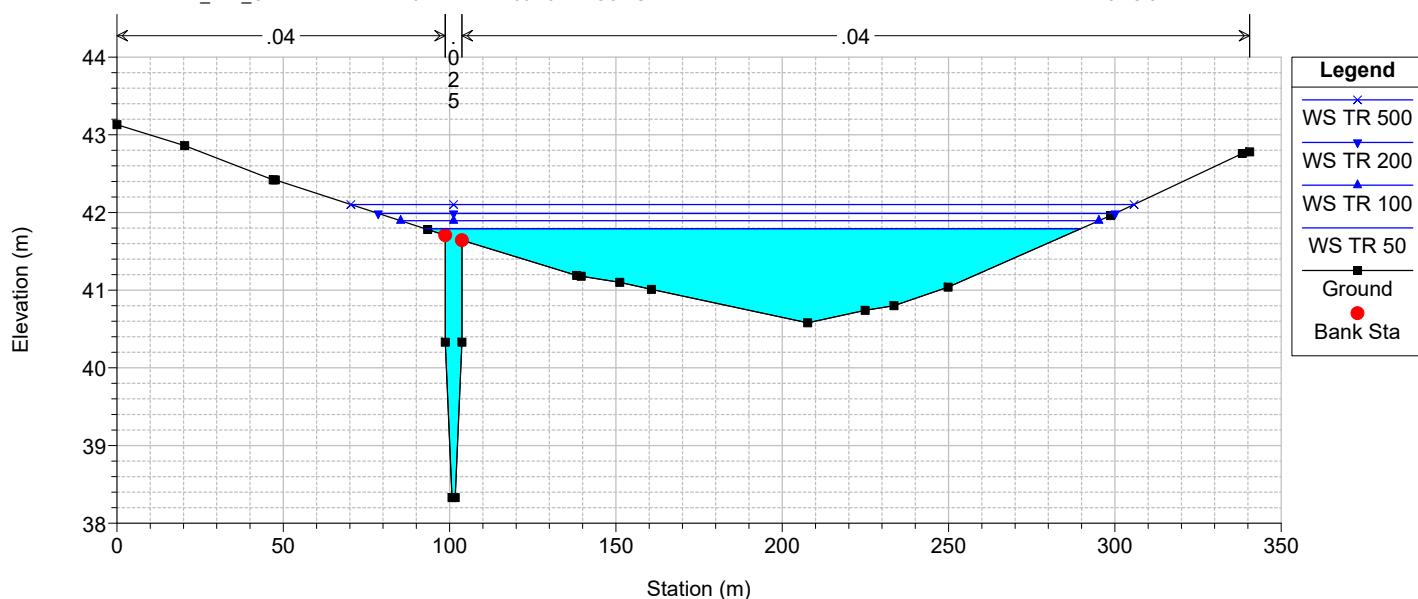
River = Riu_Don_Gavinu Reach = B16 RS = 1225.121 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

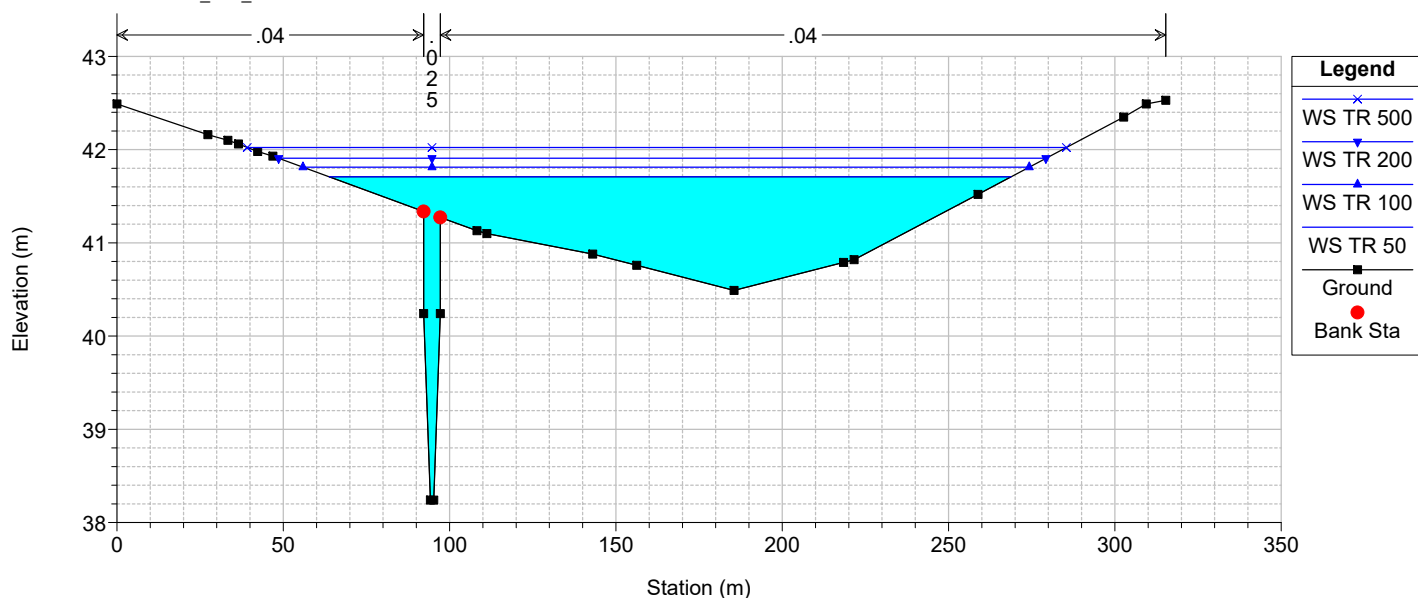
River = Riu_Don_Gavinu Reach = B16 RS = 1190.251 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

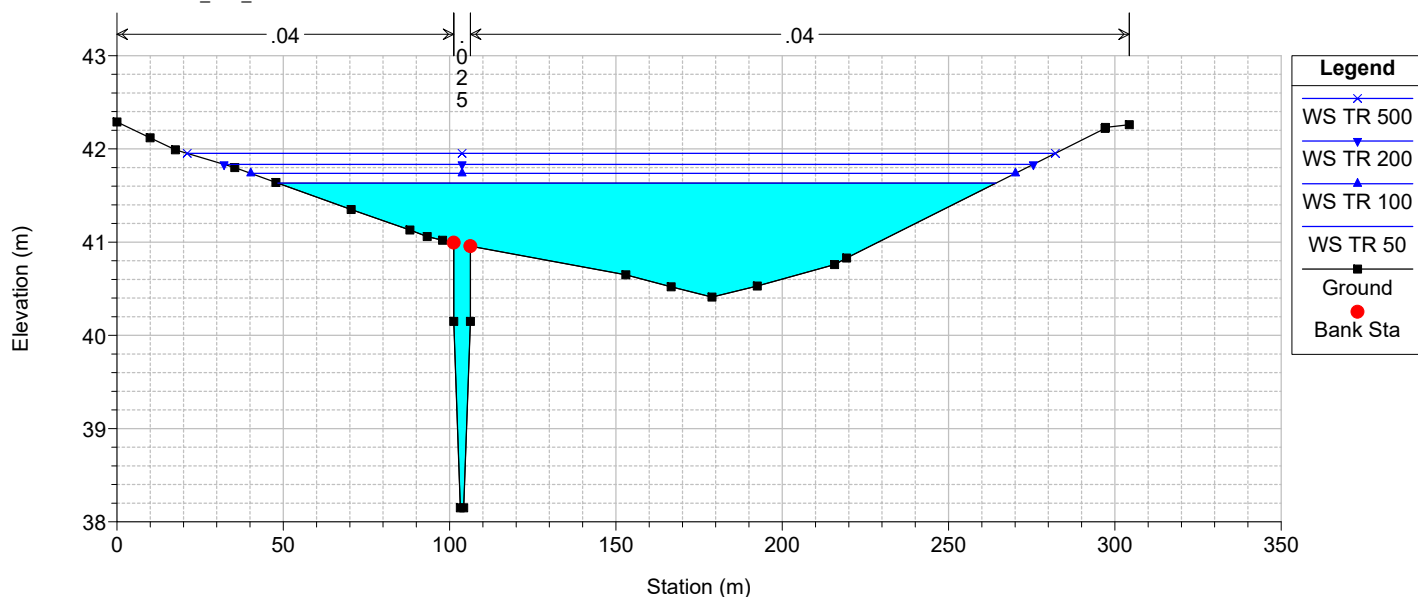
River = Riu_Don_Gavinu Reach = B16 RS = 1155.377 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

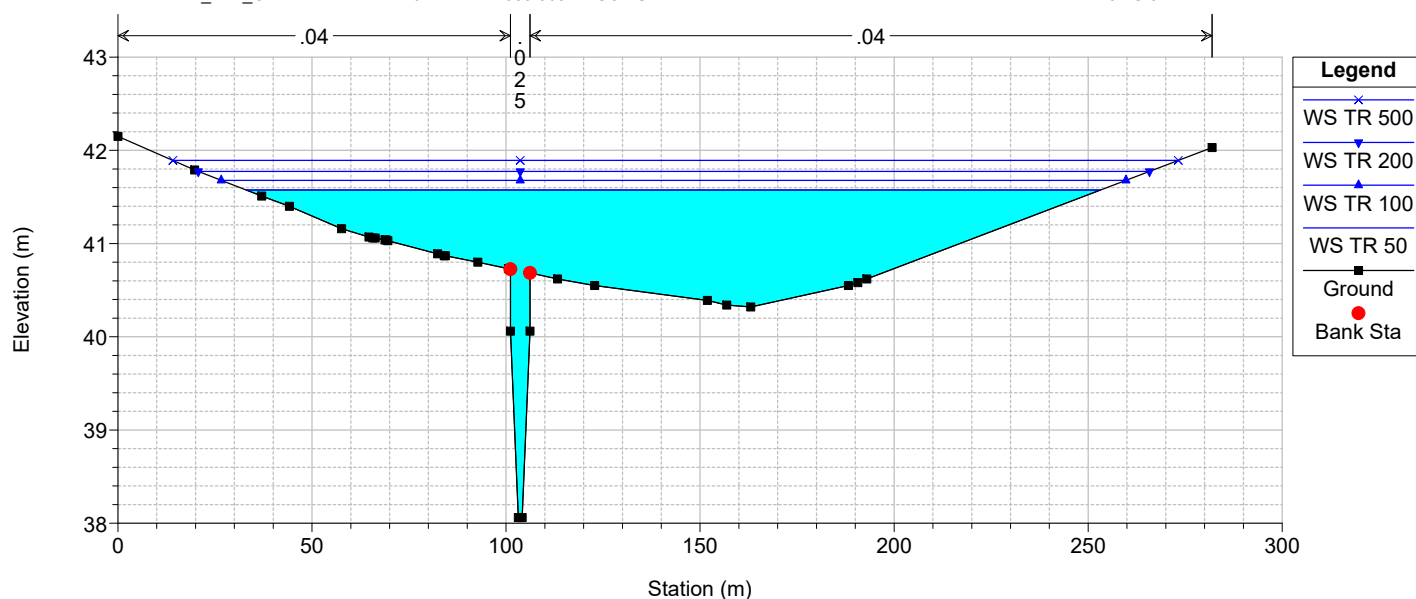
River = Riu_Don_Gavinu Reach = B16 RS = 1120.352 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

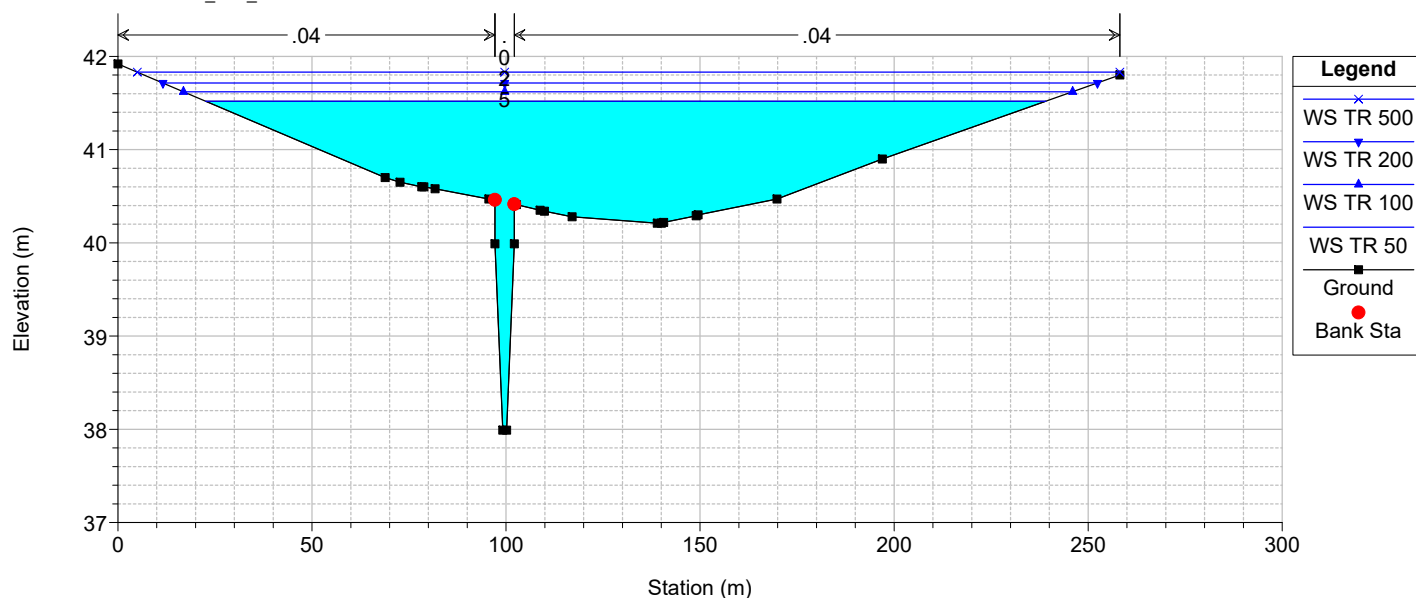
River = Riu_Don_Gavinu Reach = B16 RS = 1085.365 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

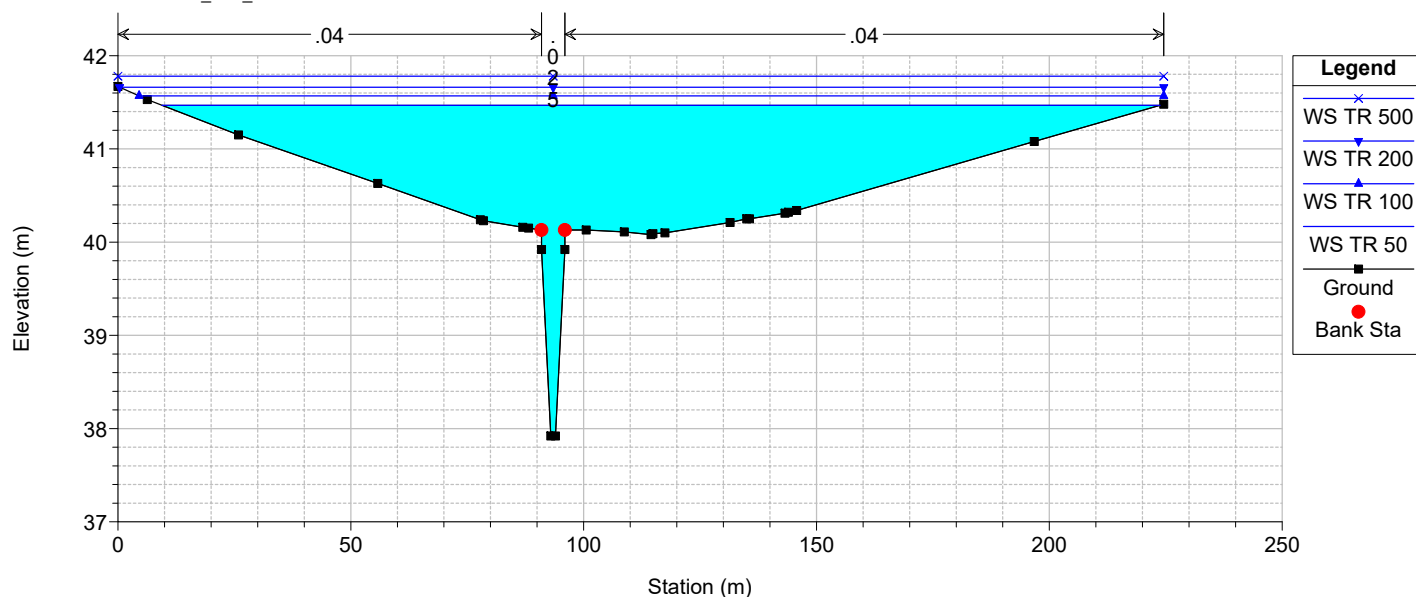
River = Riu_Don_Gavinu Reach = B16 RS = 1049.9 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

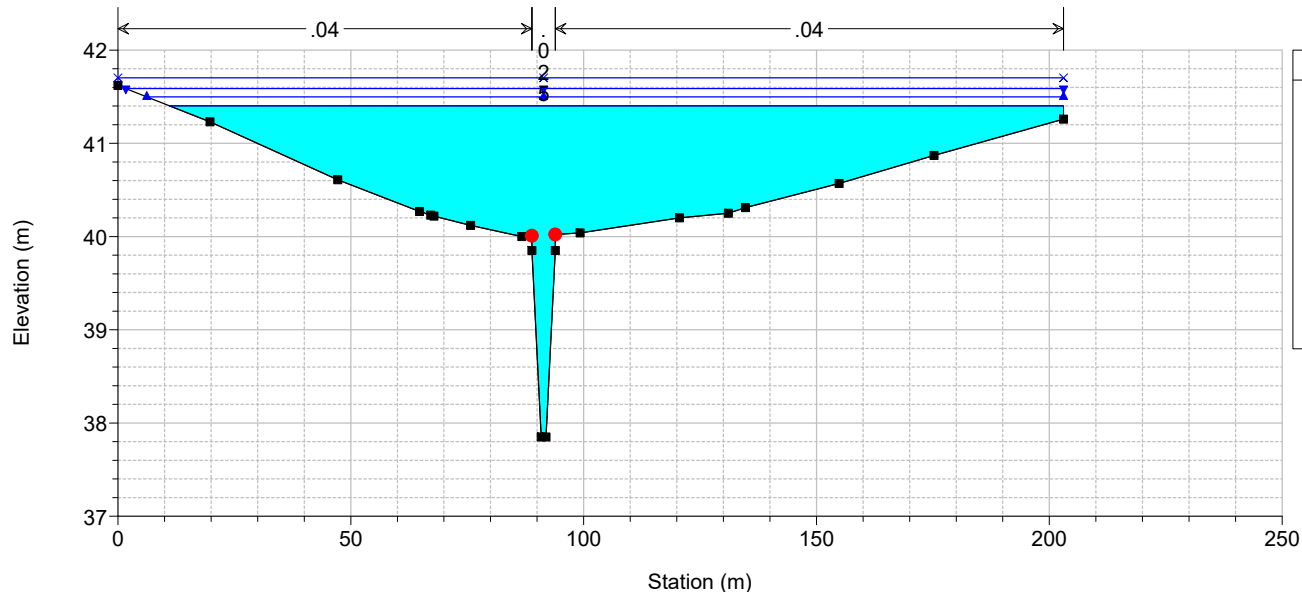
River = Riu_Don_Gavinu Reach = B16 RS = 1014.993 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

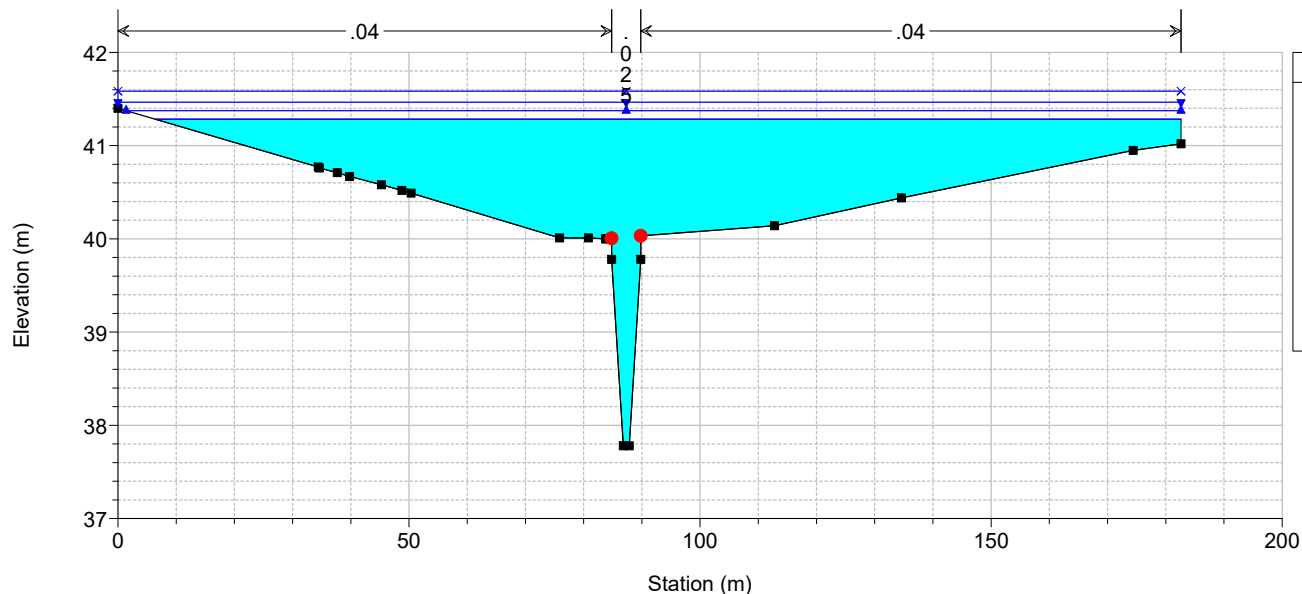
River = Riu_Don_Gavinu Reach = B16 RS = 980.1037 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

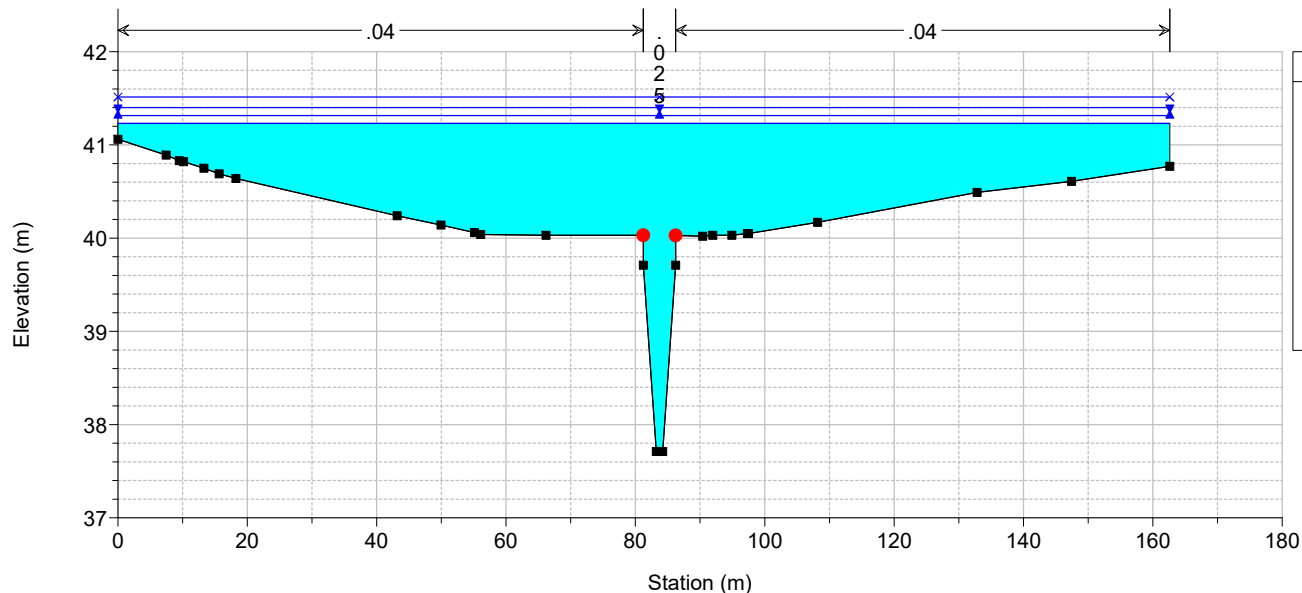
River = Riu_Don_Gavinu Reach = B16 RS = 944.9352 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

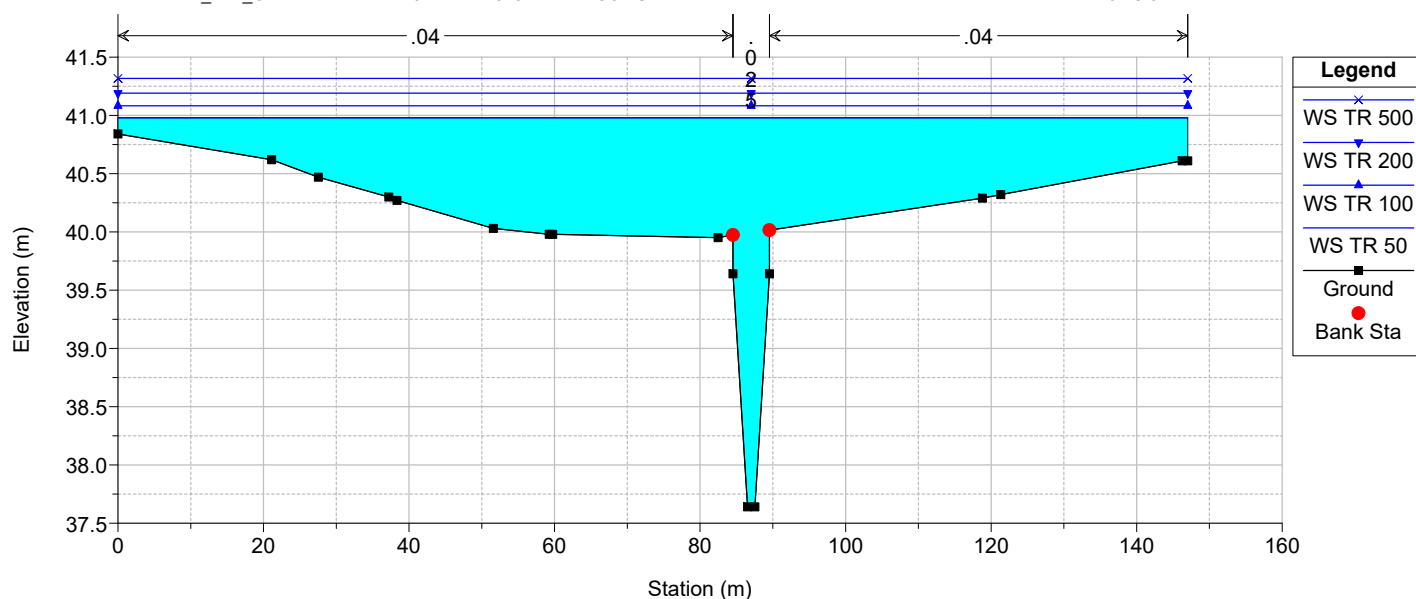
River = Riu_Don_Gavinu Reach = B16 RS = 910.1674 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

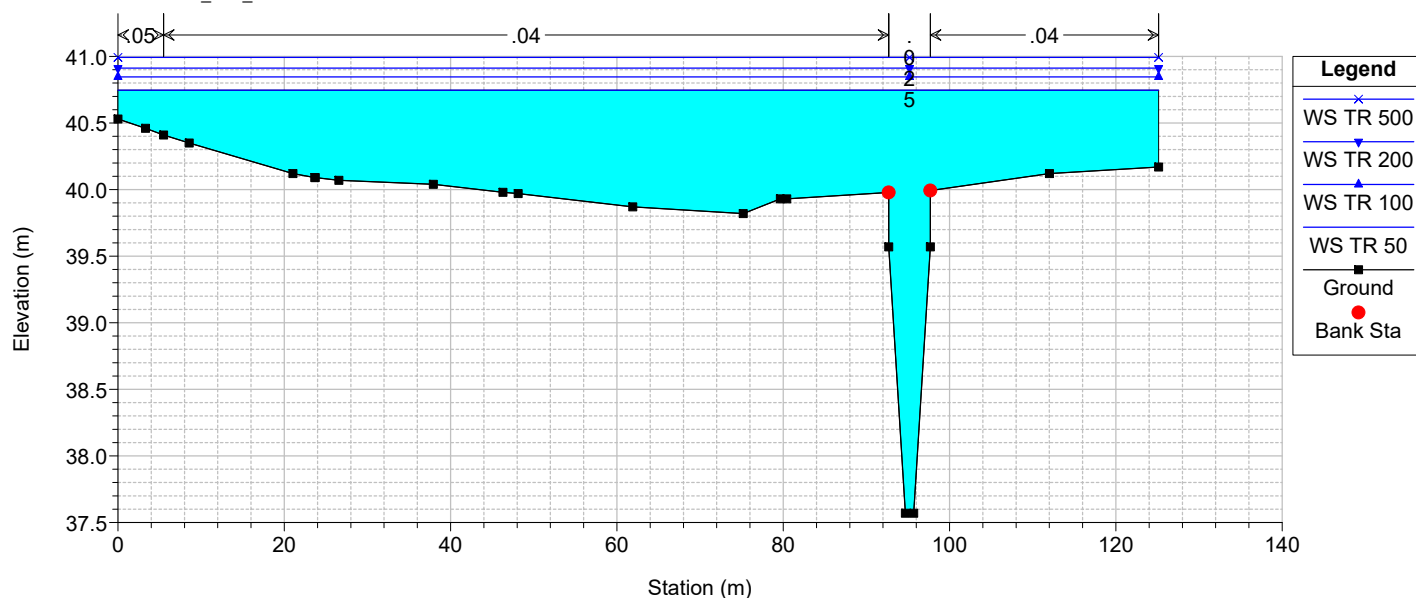
River = Riu_Don_Gavinu Reach = B16 RS = 875.1172 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

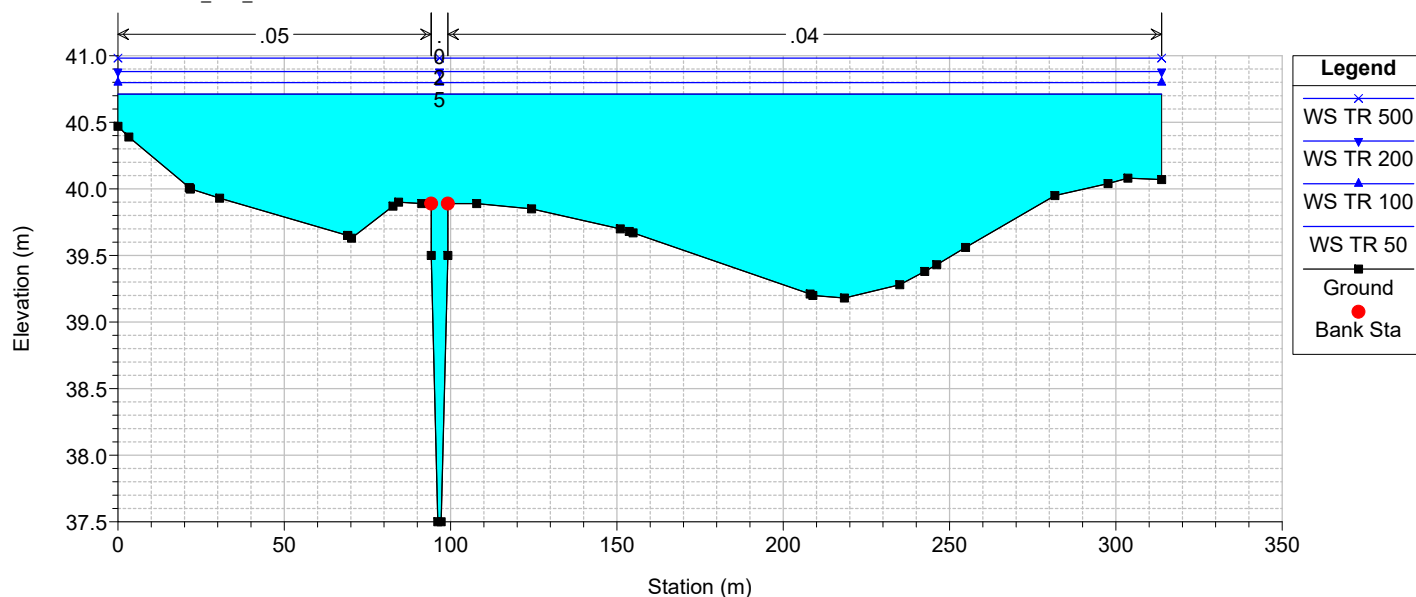
River = Riu_Don_Gavinu Reach = B16 RS = 840.1328 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

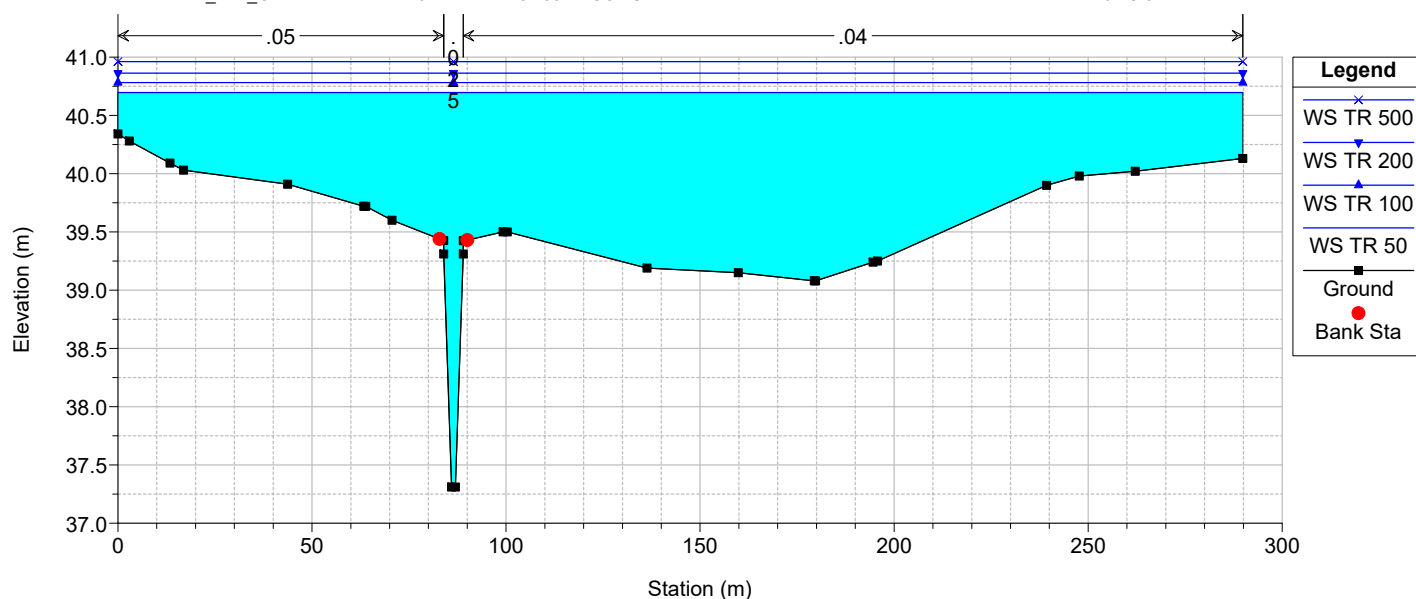
River = Riu_Don_Gavinu Reach = B16 RS = 805.3503 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

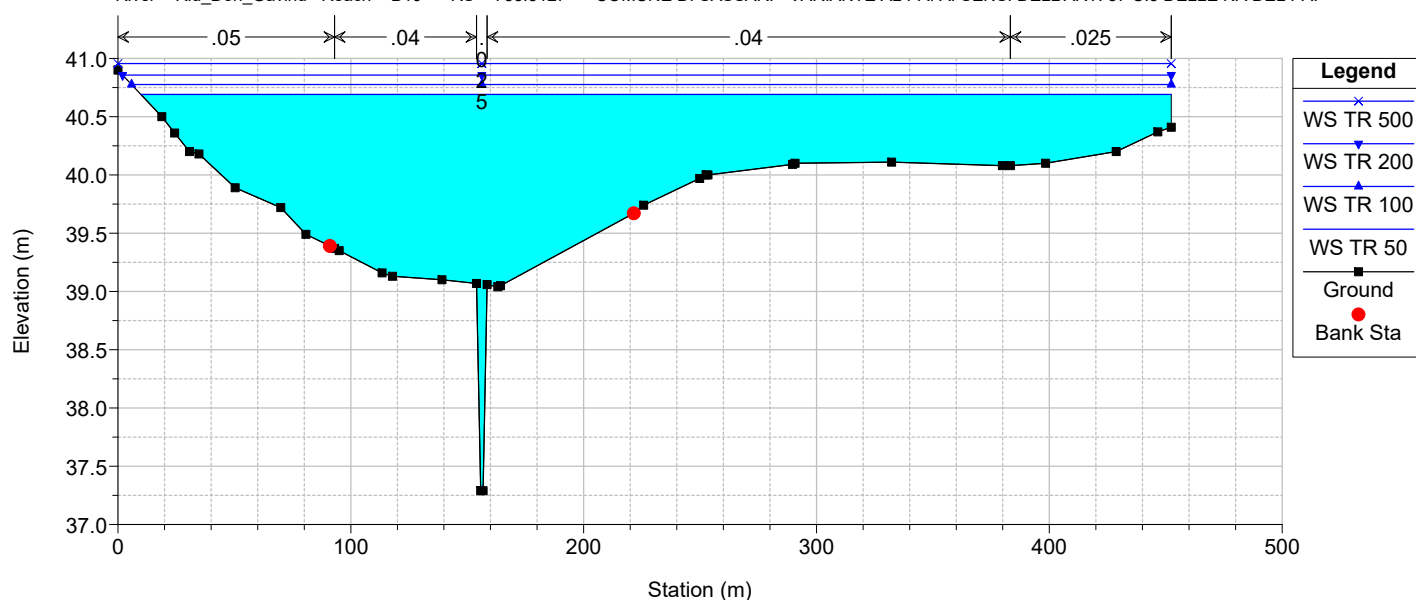
River = Riu_Don_Gavinu Reach = B16 RS = 770.153 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

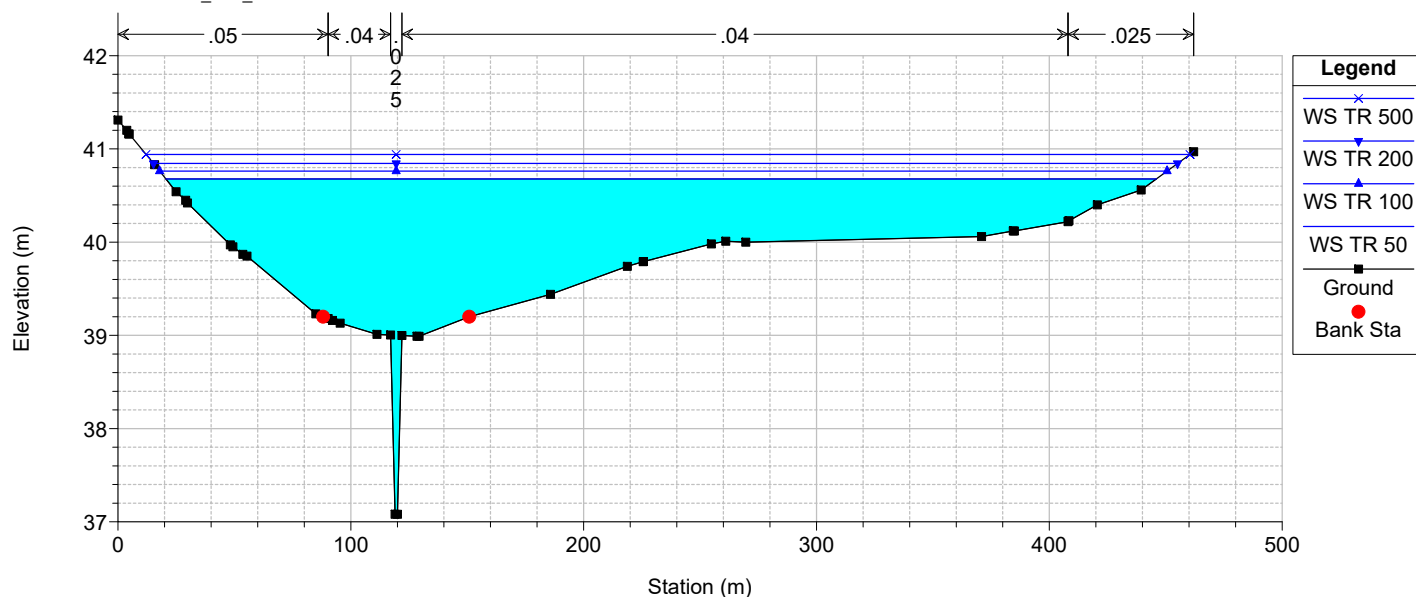
River = Riu_Don_Gavinu Reach = B16 RS = 735.5127 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

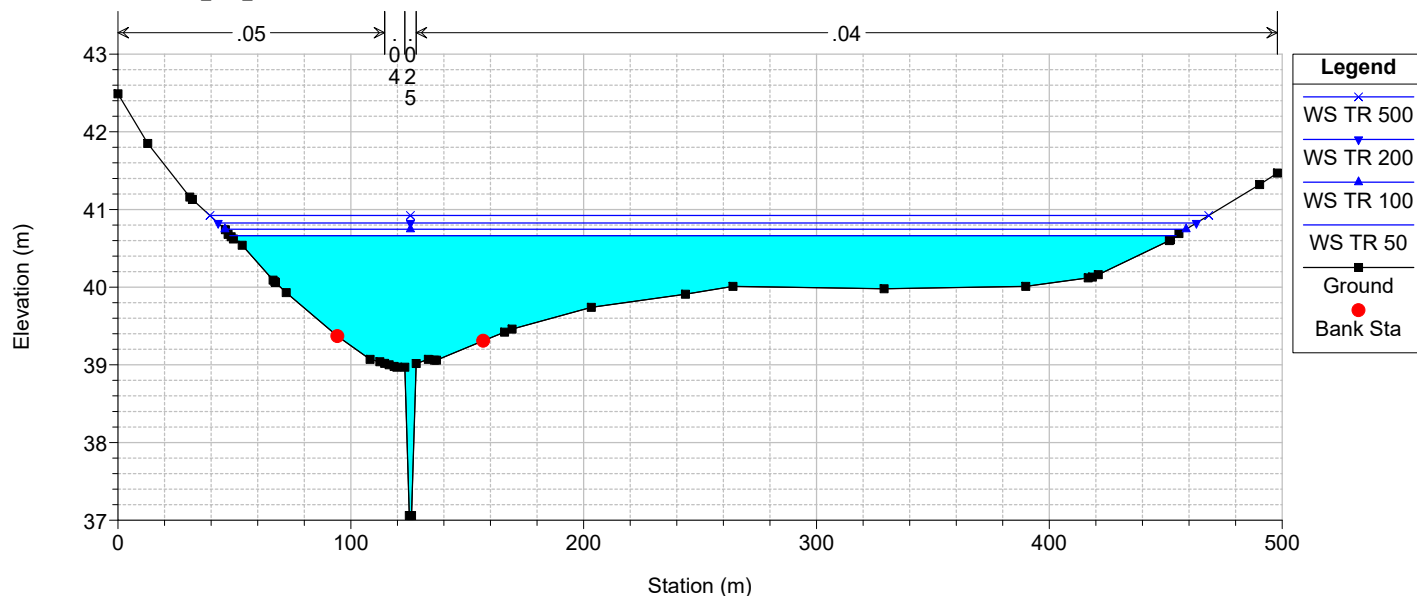
River = Riu_Don_Gavinu Reach = B16 RS = 701.4245 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

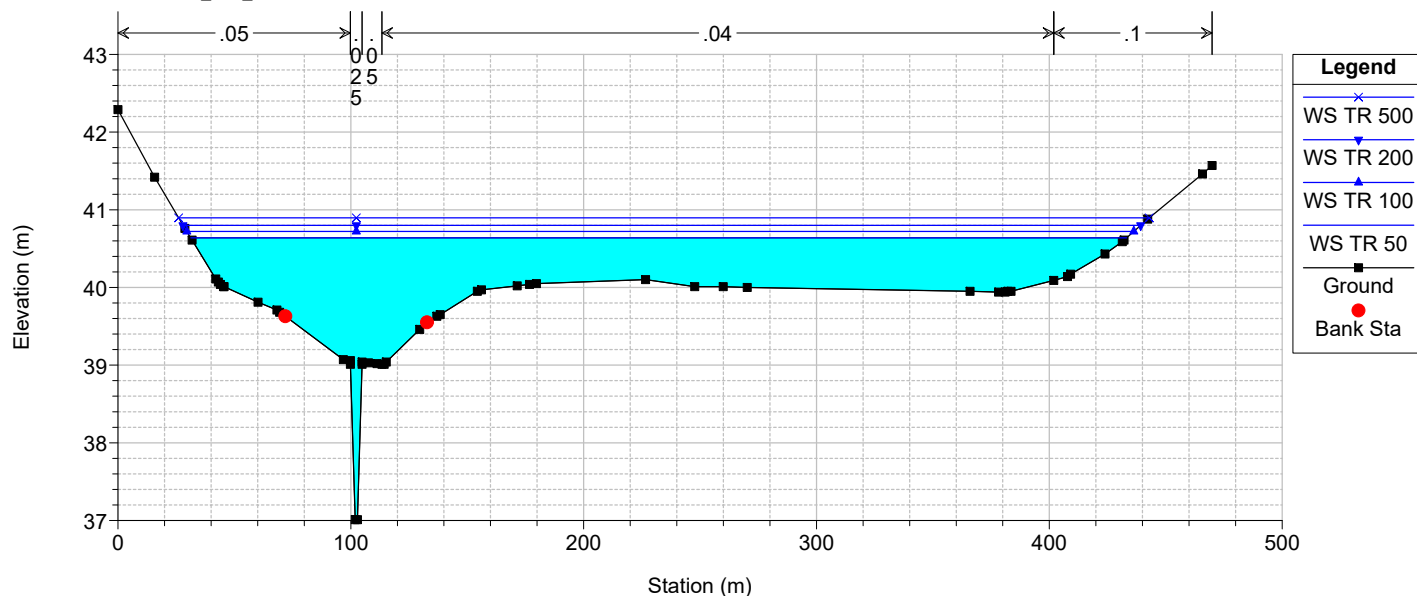
River = Riu_Don_Gavinu Reach = B16 RS = 666.0455 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

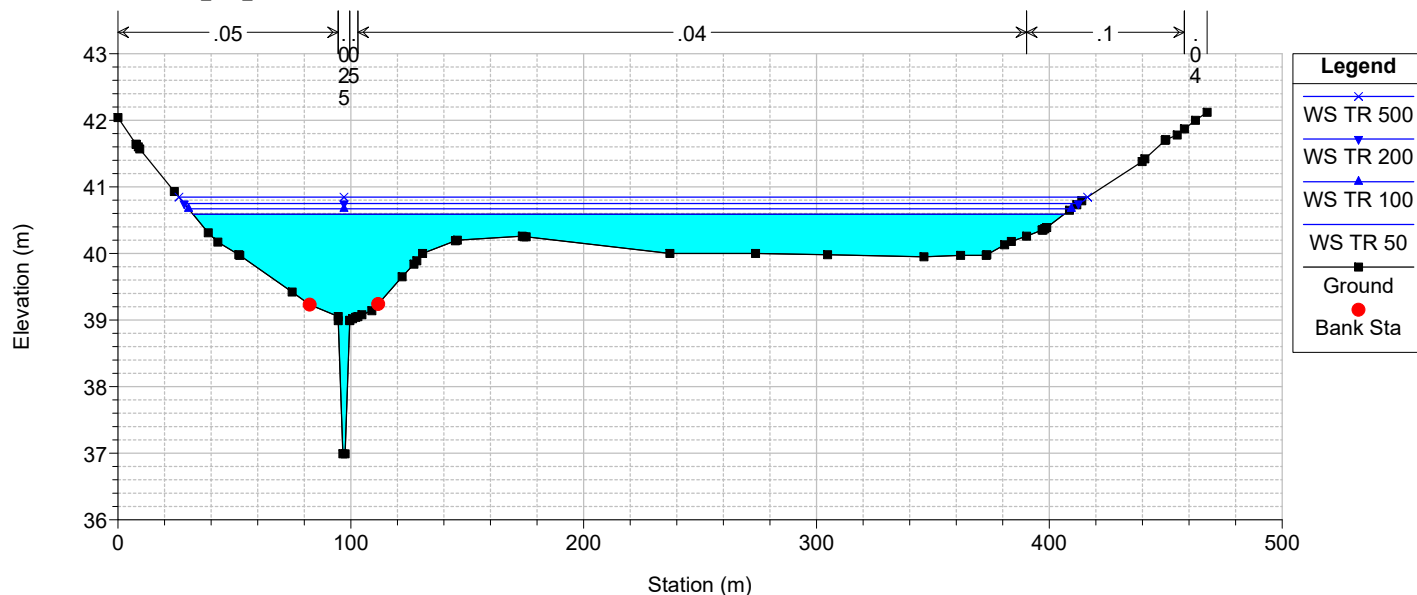
River = Riu_Don_Gavinu Reach = B16 RS = 630.9365 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

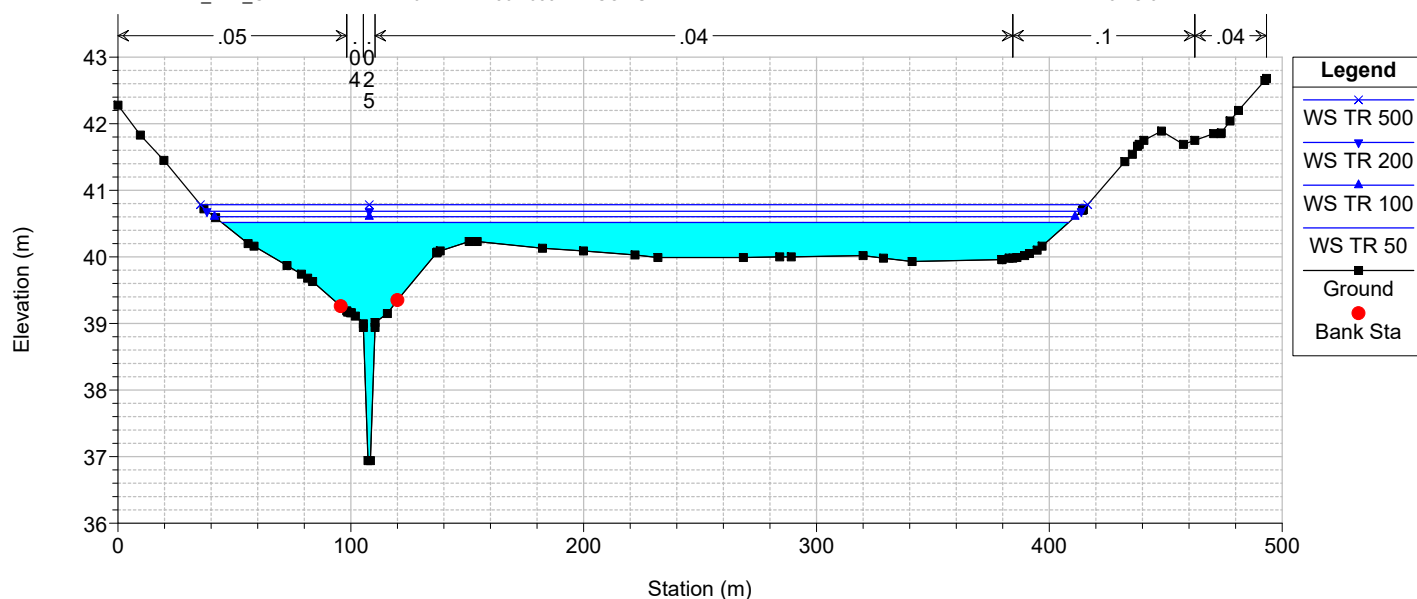
River = Riu_Don_Gavinu Reach = B16 RS = 594.1655 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

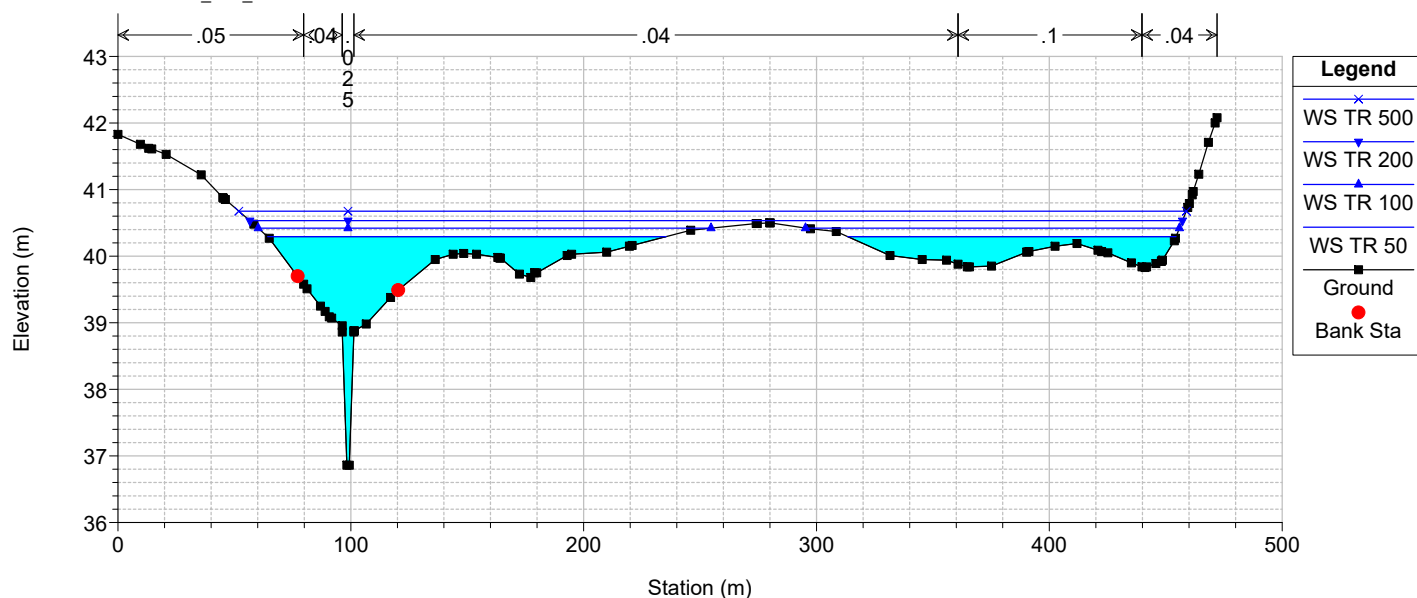
River = Riu_Don_Gavinu Reach = B16 RS = 561.6592 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

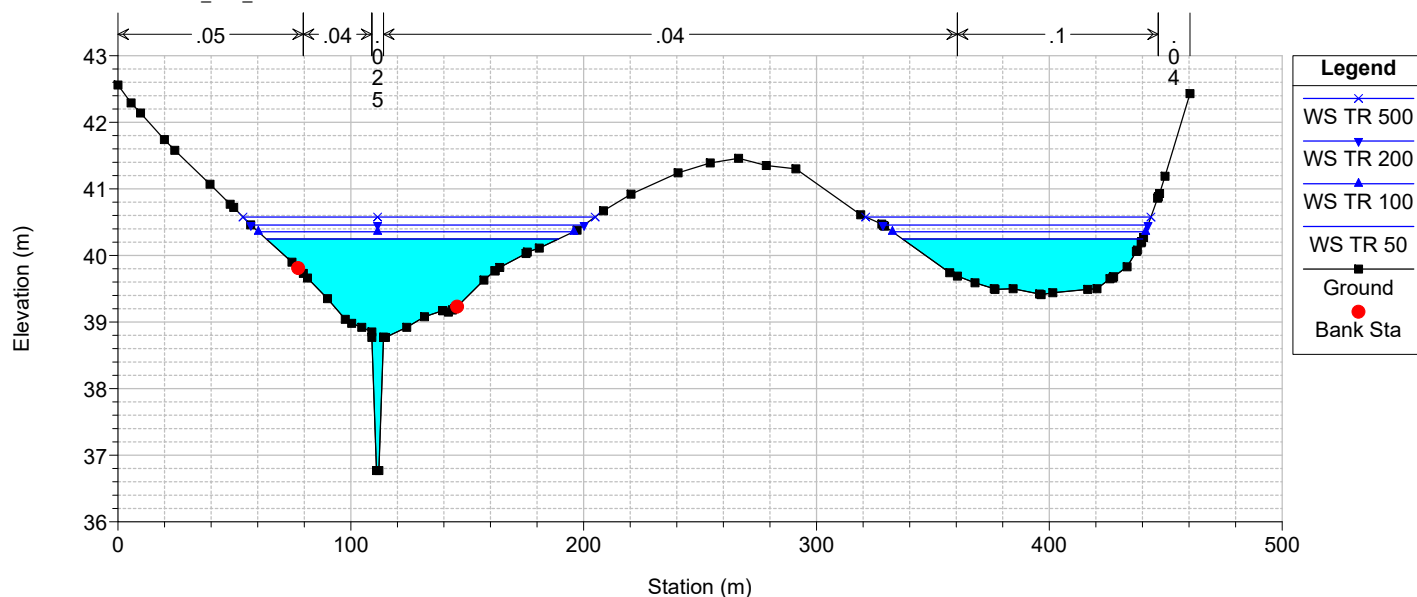
River = Riu_Don_Gavinu Reach = B16 RS = 524.9473 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

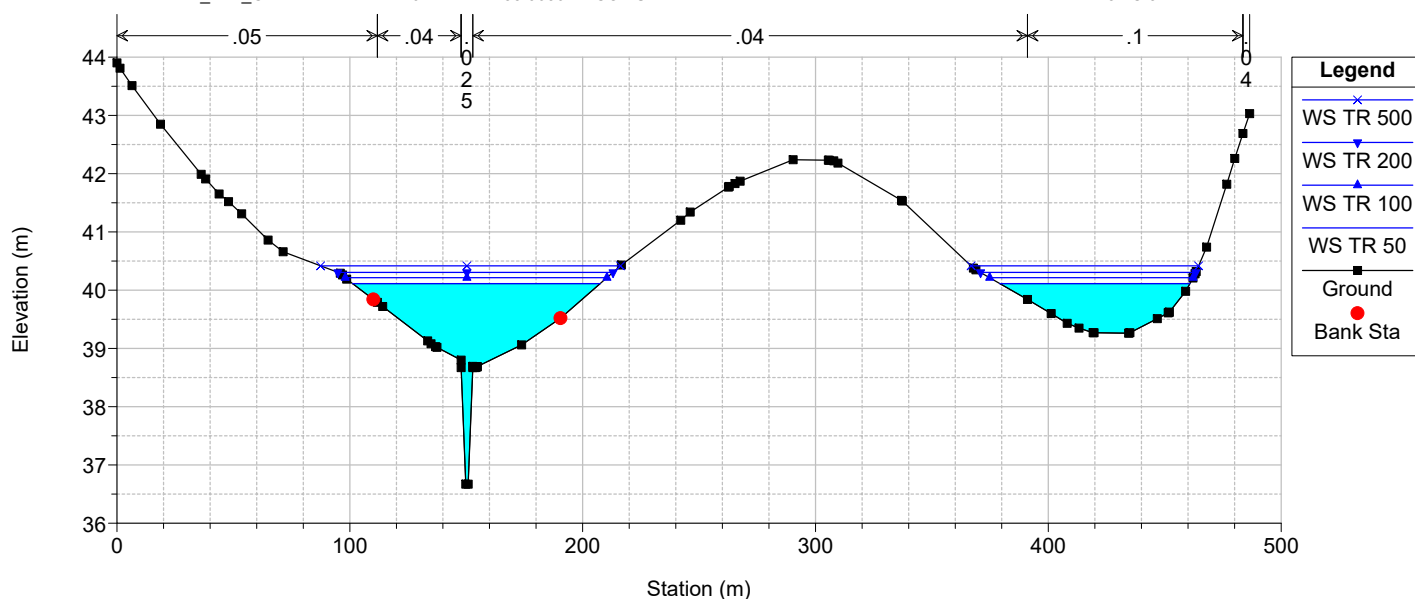
River = Riu_Don_Gavinu Reach = B16 RS = 490.5397 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

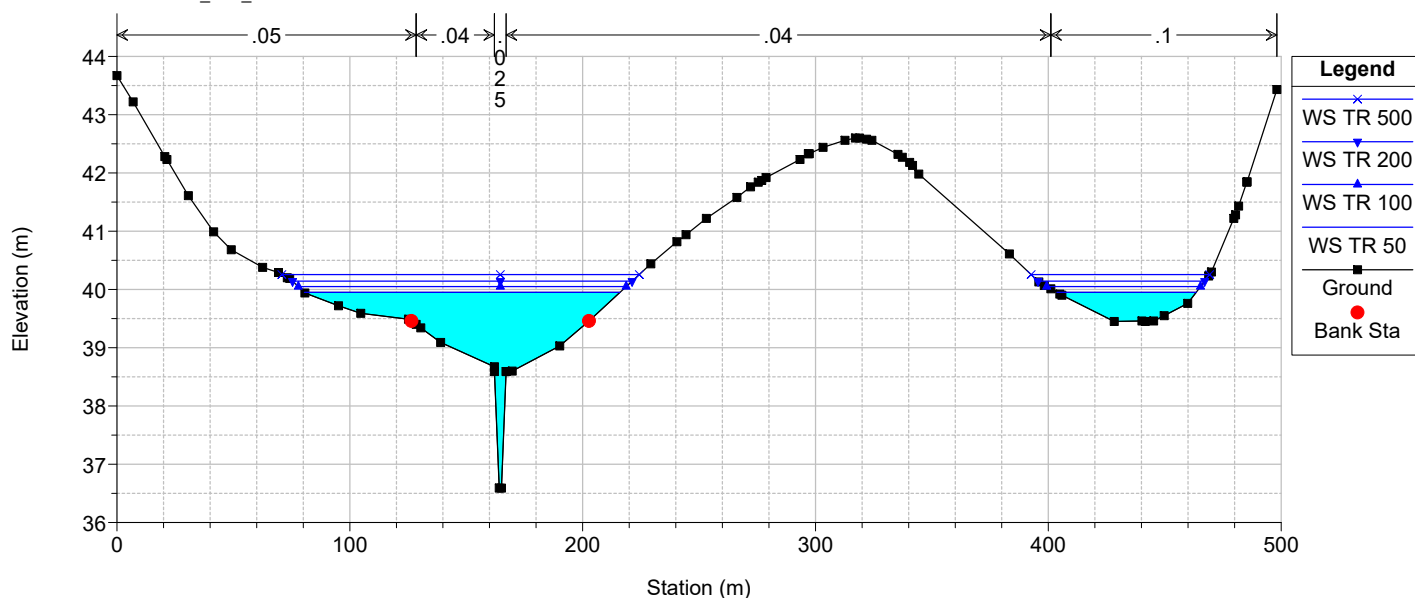
River = Riu_Don_Gavinu Reach = B16 RS = 455.0636 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

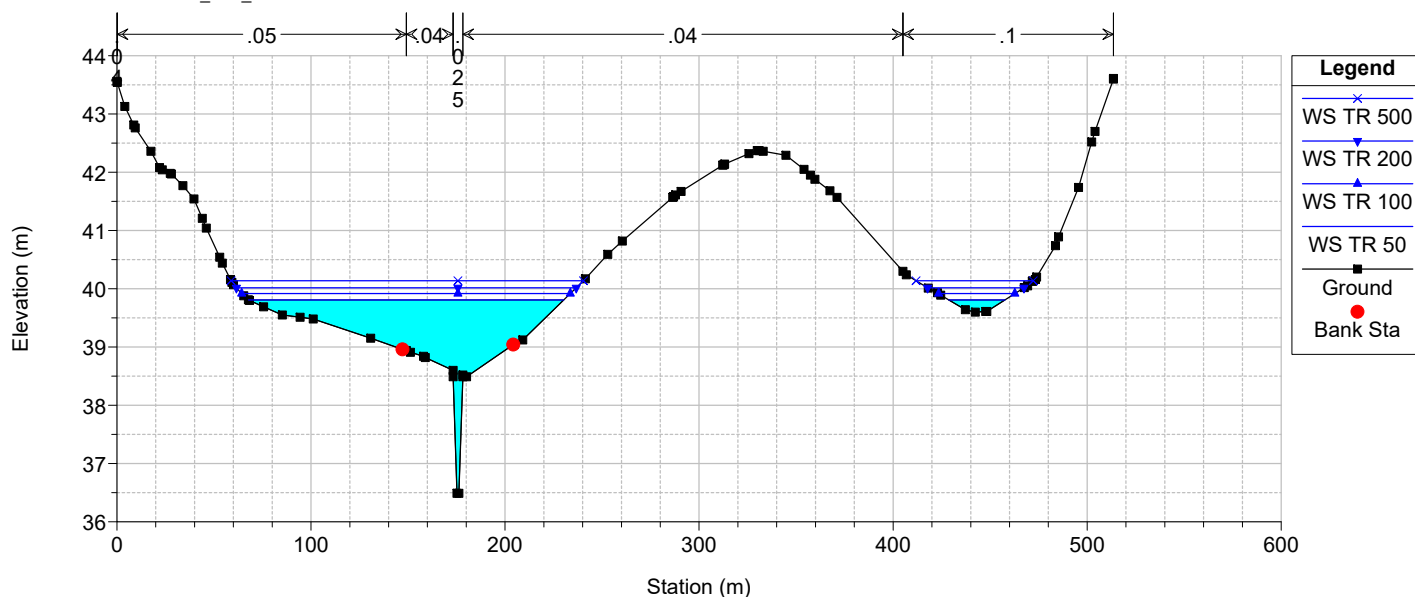
River = Riu_Don_Gavinu Reach = B16 RS = 419.4796 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

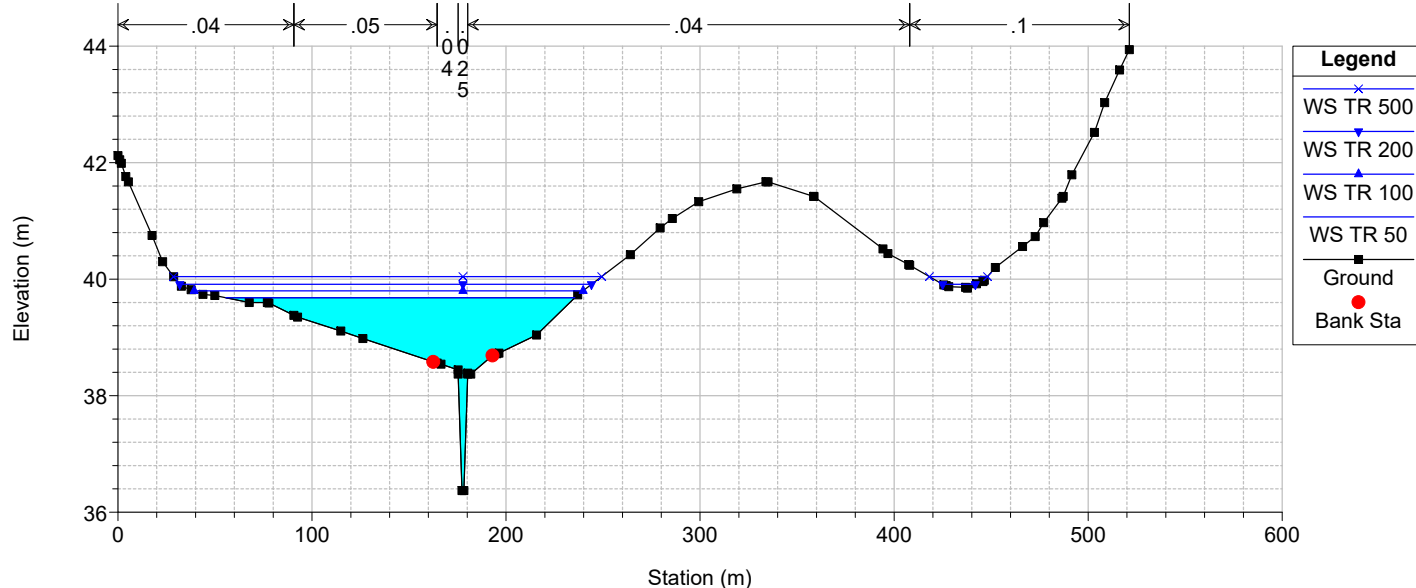
River = Riu_Don_Gavinu Reach = B16 RS = 385.5477 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

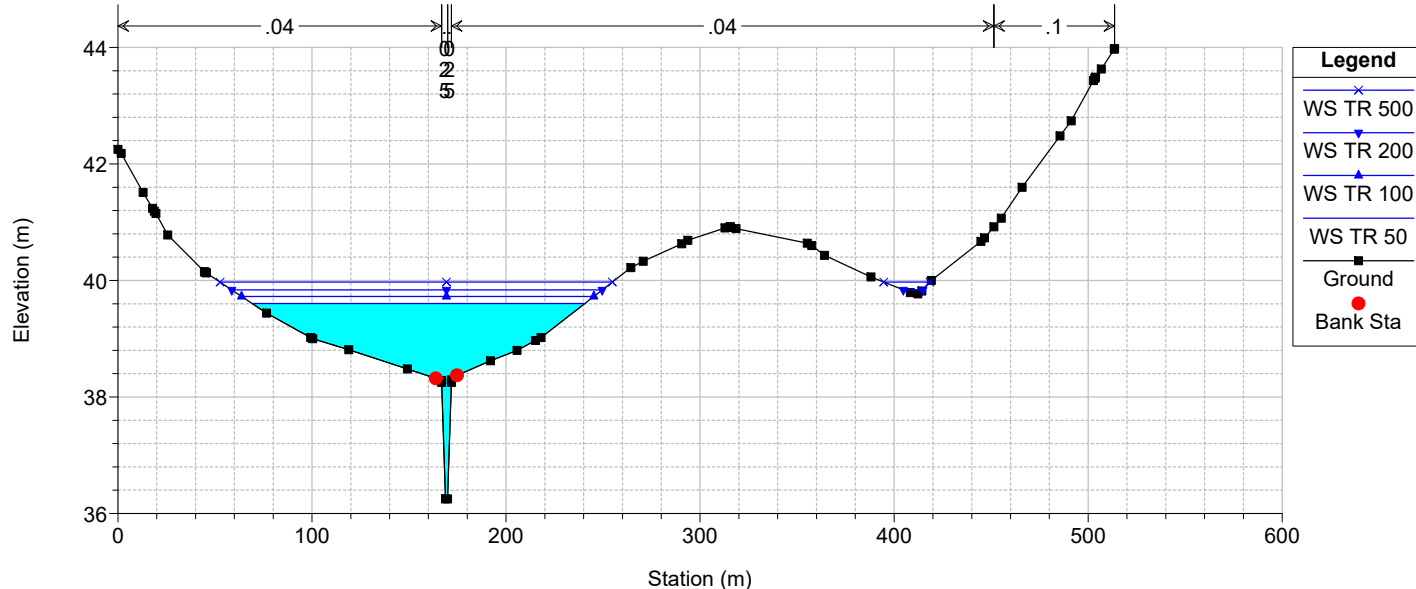
River = Riu_Don_Gavinu Reach = B16 RS = 350.1801 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

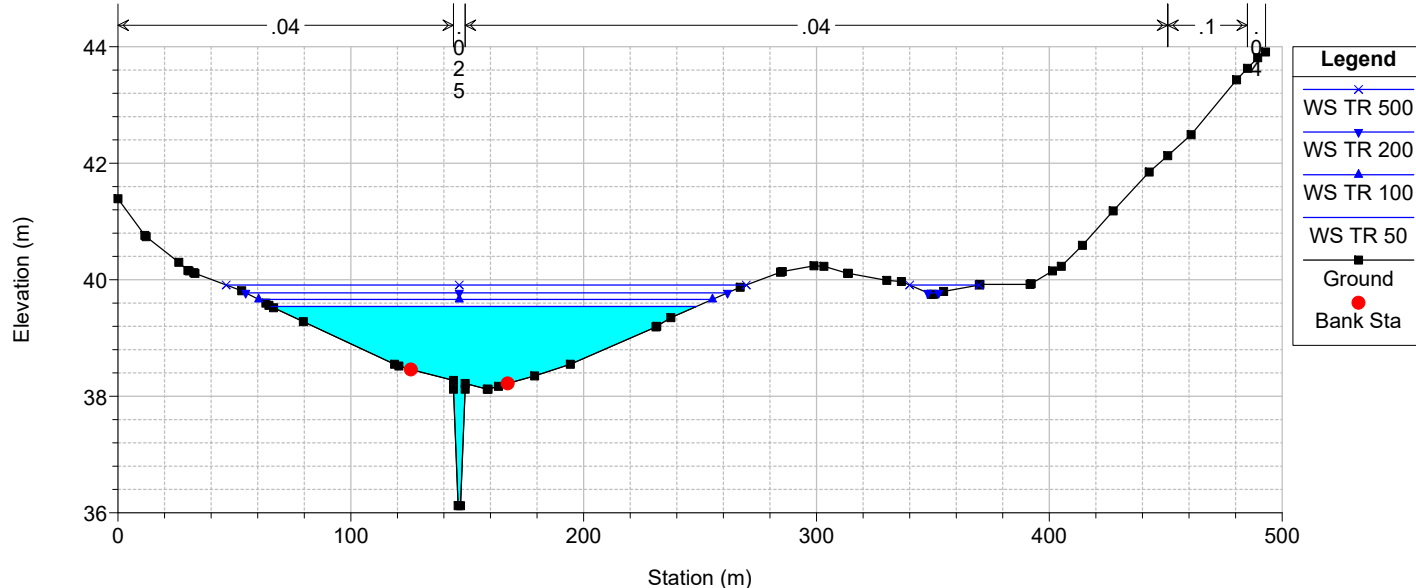
River = Riu_Don_Gavinu Reach = B16 RS = 315.498 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

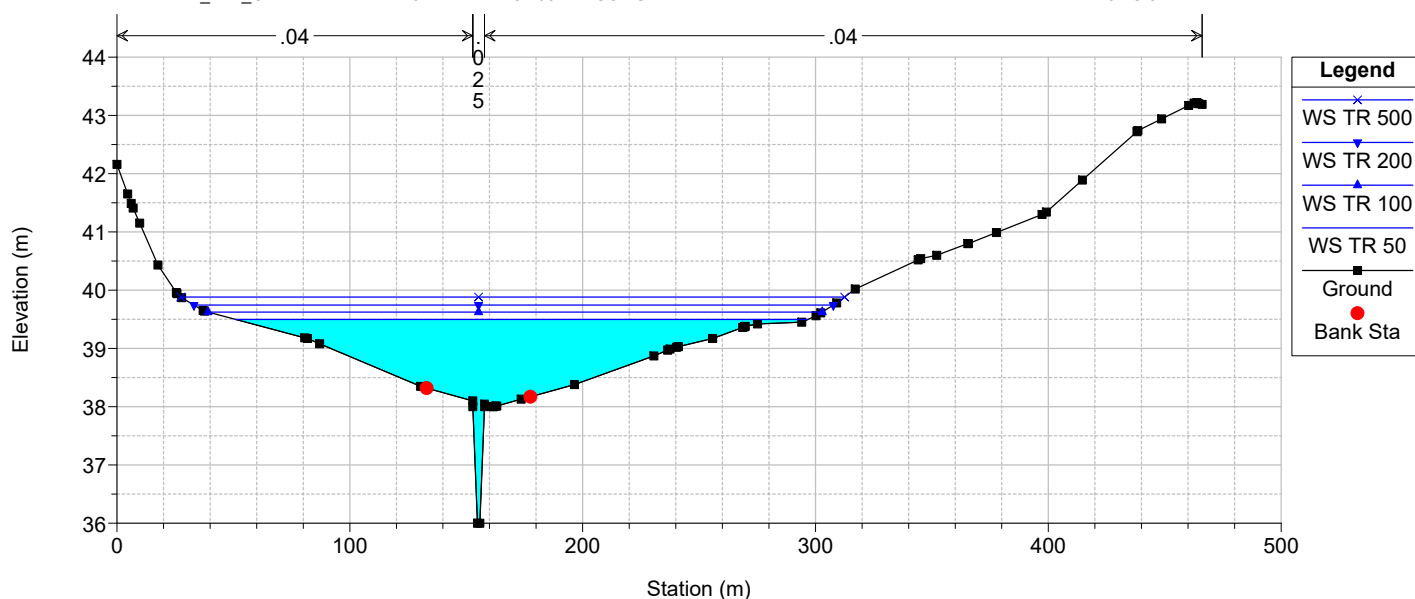
River = Riu_Don_Gavinu Reach = B16 RS = 279.5338 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

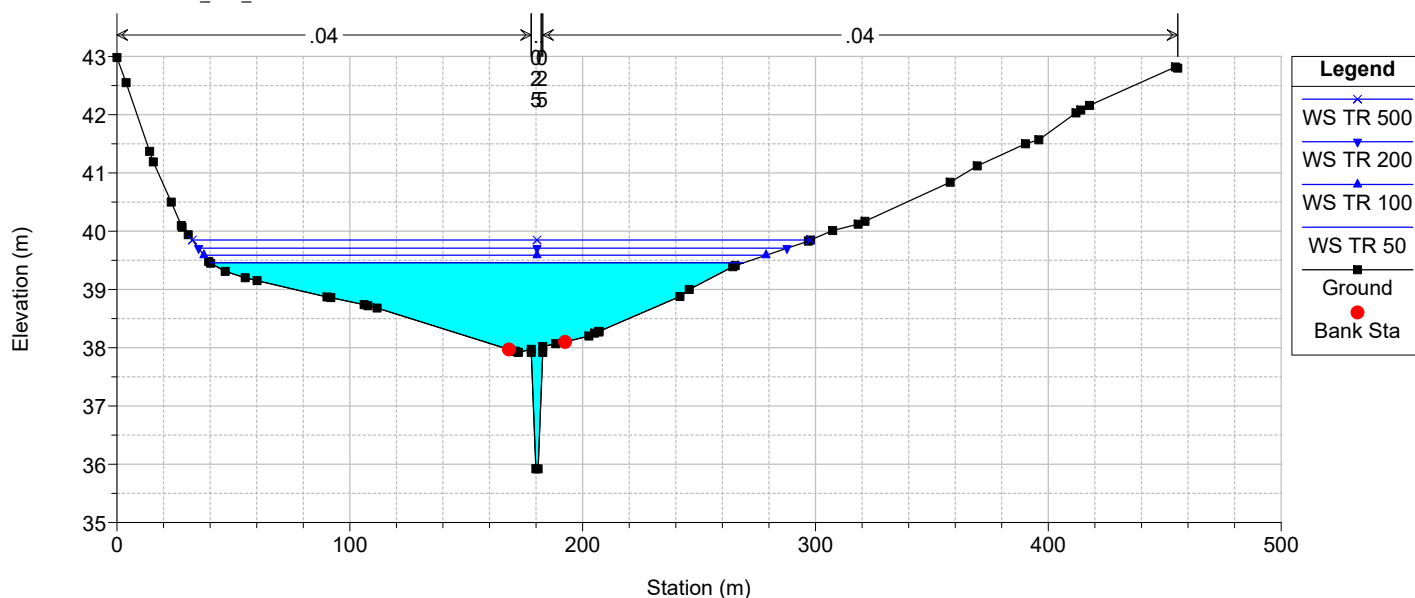
River = Riu_Don_Gavinu Reach = B16 RS = 245.2682 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

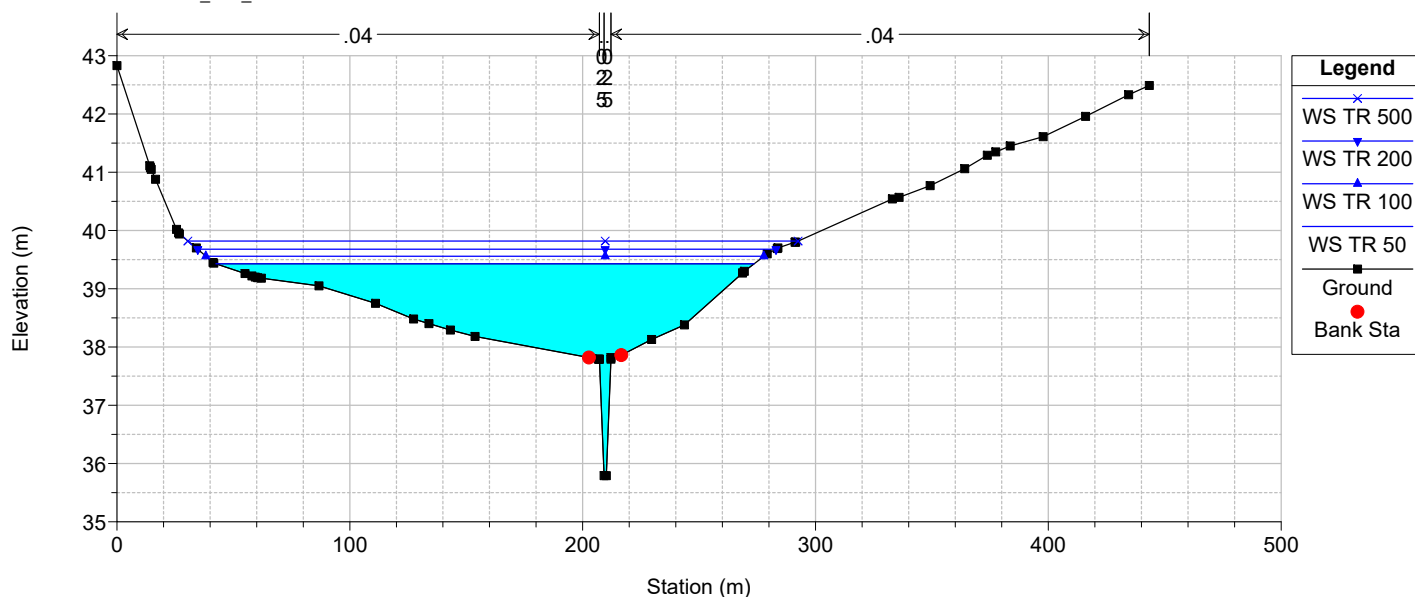
River = Riu_Don_Gavinu Reach = B16 RS = 209.7235 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

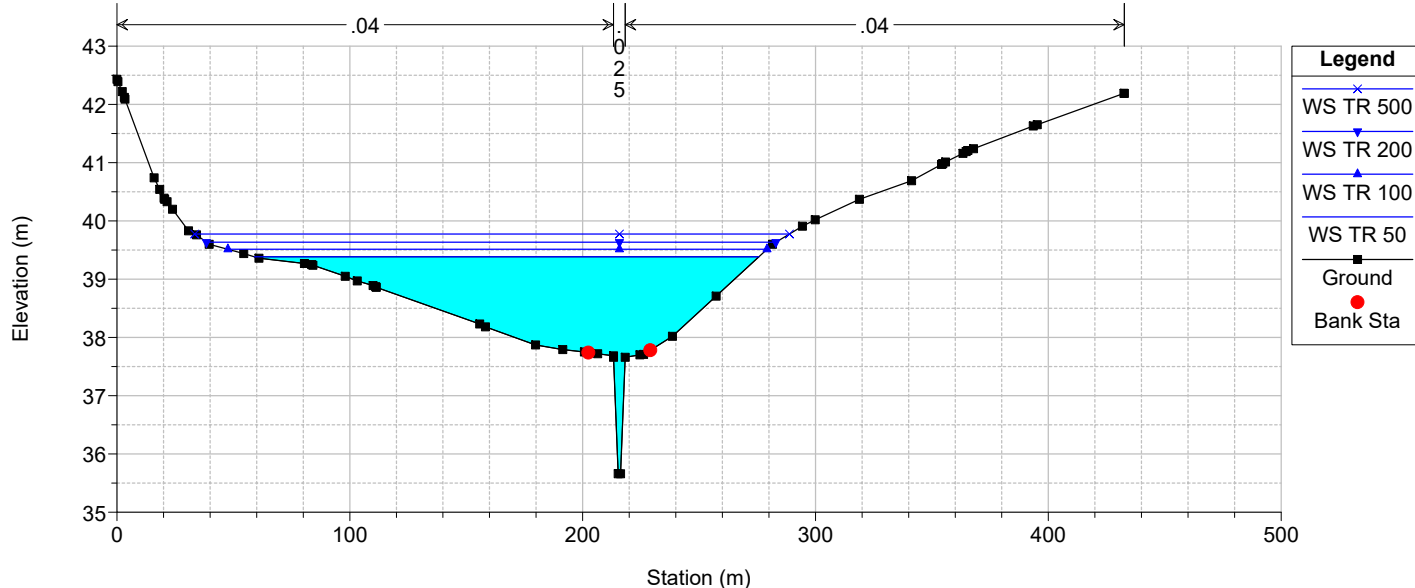
River = Riu_Don_Gavinu Reach = B16 RS = 175.6039 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

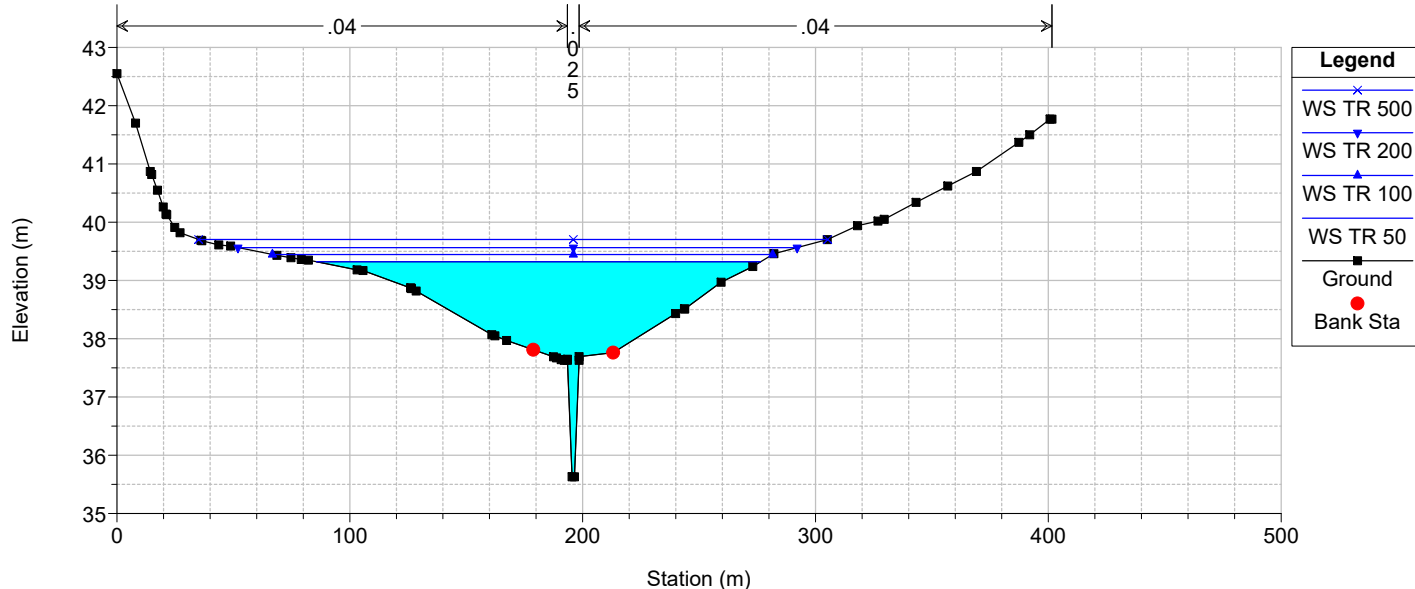
River = Riu_Don_Gavinu Reach = B16 RS = 139.6283 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

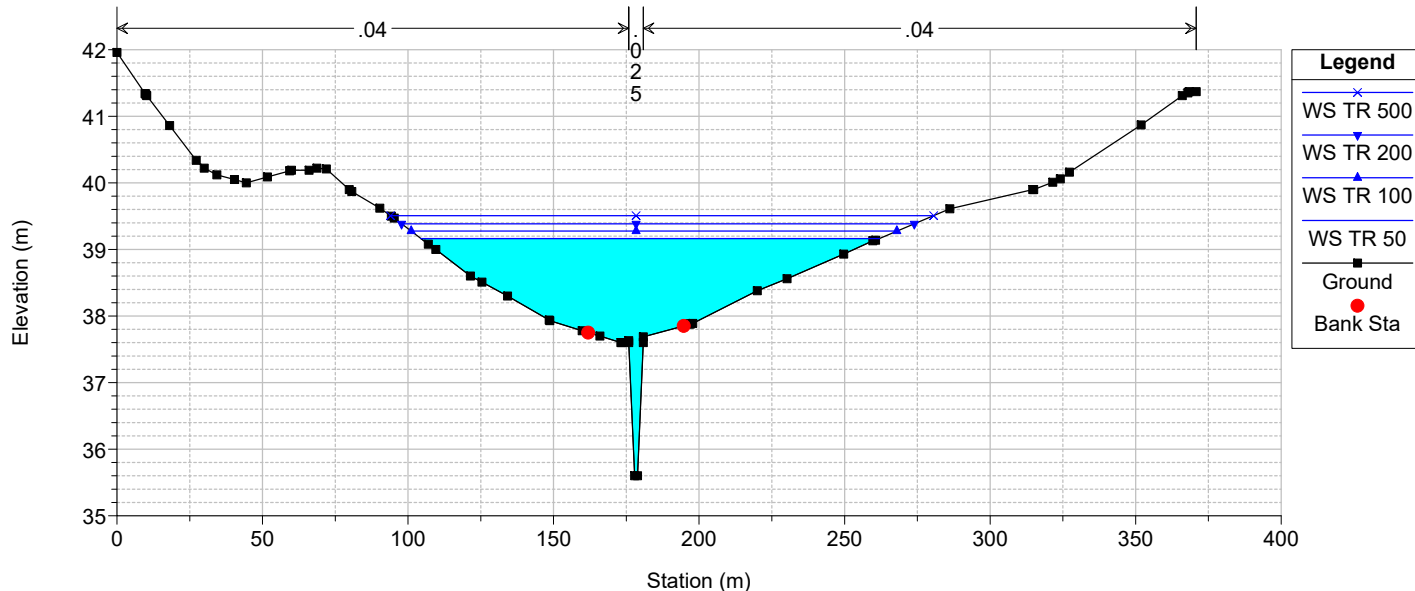
River = Riu_Don_Gavinu Reach = B16 RS = 105.469 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

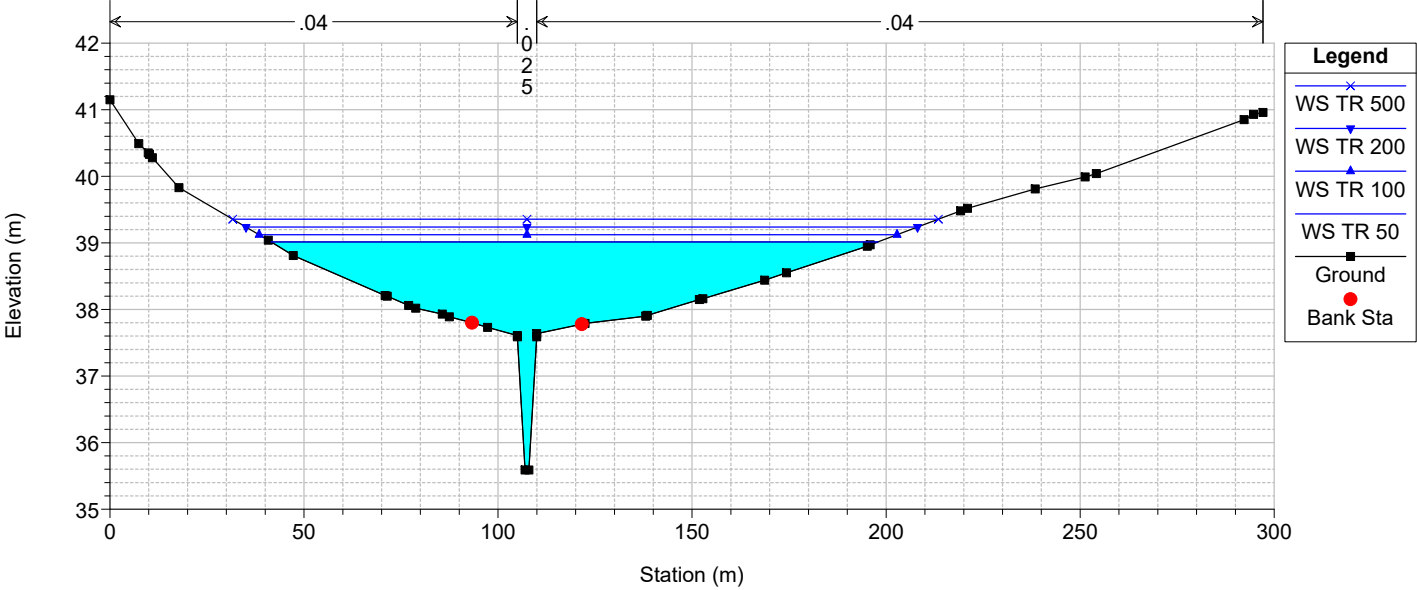
River = Riu_Don_Gavinu Reach = B16 RS = 69.91247 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

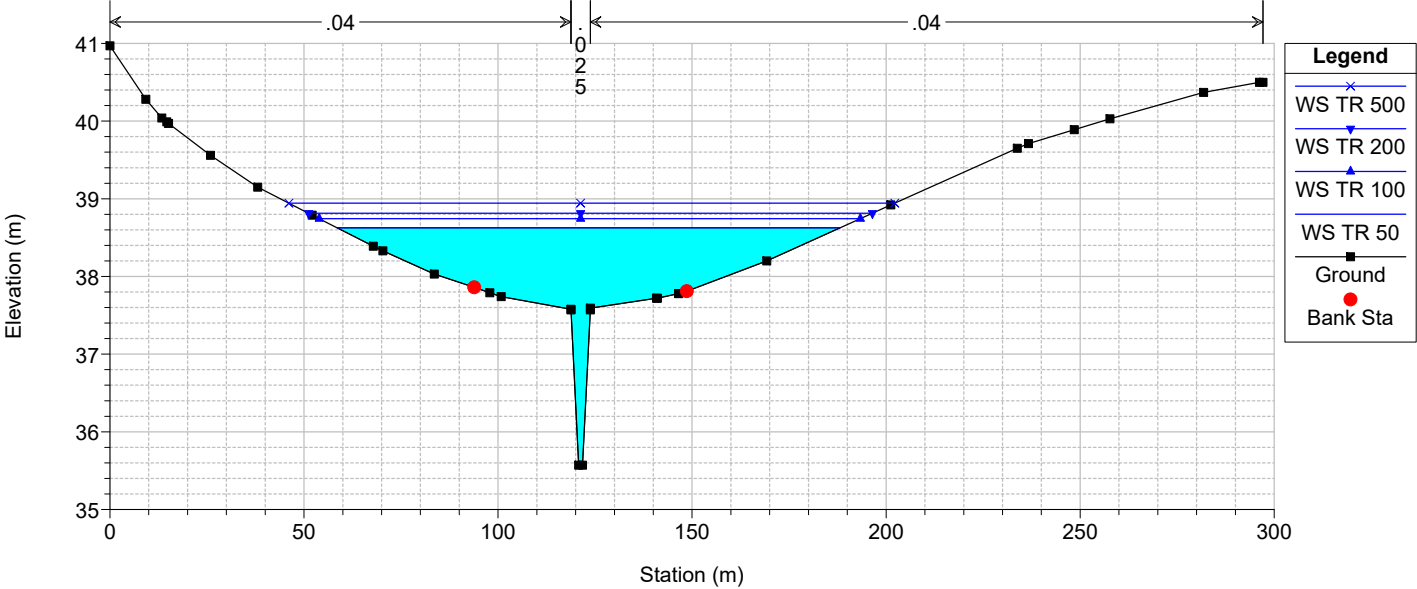
River = Riu_Don_Gavinu Reach = B16 RS = 34.26916 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Riu_Don_Gavinu Plan: Plan 01 2/9/2021

Geom: Riu_Don_Gavinu_ch2 Flow: Riu_Don_Gavinu

River = Riu_Don_Gavinu Reach = B16 RS = 1.739465 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
B16	3061.689	TR 50	3.50	42.11	44.79	42.93	44.79	0.000000	0.02	340.06	375.28	0.01
B16	3061.689	TR 100	4.14	42.11	45.42	43.00	45.42	0.000000	0.01	583.14	390.99	0.00
B16	3061.689	TR 200	4.79	42.11	46.38	43.07	46.38	0.000000	0.01	961.11	390.99	0.00
B16	3061.689	TR 500	5.71	42.11	46.61	43.16	46.61	0.000000	0.01	1049.50	390.99	0.00
B16	3040.554	TR 50	3.50	42.06	44.79		44.79	0.000000	0.02	333.80	395.88	0.01
B16	3040.554	TR 100	4.14	42.06	45.42		45.42	0.000000	0.01	588.12	407.62	0.00
B16	3040.554	TR 200	4.79	42.06	46.38		46.38	0.000000	0.01	982.16	407.62	0.00
B16	3040.554	TR 500	5.71	42.06	46.61		46.61	0.000000	0.01	1074.32	407.62	0.00
B16	3010	TR 50	3.50	42.01	44.79		44.79	0.000000	0.03	307.12	417.06	0.01
B16	3010	TR 100	4.14	42.01	45.42		45.42	0.000000	0.02	576.96	432.98	0.00
B16	3010	TR 200	4.79	42.01	46.38		46.38	0.000000	0.01	995.52	432.98	0.00
B16	3010	TR 500	5.71	42.01	46.61		46.61	0.000000	0.01	1093.41	432.98	0.00
B16	2975	TR 50	3.50	41.96	44.79		44.79	0.000000	0.02	356.90	454.71	0.01
B16	2975	TR 100	4.14	41.96	45.42		45.42	0.000000	0.01	649.51	470.56	0.00
B16	2975	TR 200	4.79	41.96	46.38		46.38	0.000000	0.01	1104.39	470.56	0.00
B16	2975	TR 500	5.71	41.96	46.61		46.61	0.000000	0.01	1210.78	470.56	0.00
B16	2940	TR 50	3.50	41.91	44.79		44.79	0.000000	0.02	449.84	495.73	0.00
B16	2940	TR 100	4.14	41.91	45.42		45.42	0.000000	0.01	769.13	513.25	0.00
B16	2940	TR 200	4.79	41.91	46.38		46.38	0.000000	0.01	1265.28	513.25	0.00
B16	2940	TR 500	5.71	41.91	46.61		46.61	0.000000	0.01	1381.32	513.25	0.00
B16	2905	TR 50	3.50	41.86	44.79		44.79	0.000000	0.02	509.02	528.91	0.00
B16	2905	TR 100	4.14	41.86	45.42		45.42	0.000000	0.01	848.21	544.78	0.00
B16	2905	TR 200	4.79	41.86	46.38		46.38	0.000000	0.01	1374.84	544.78	0.00
B16	2905	TR 500	5.71	41.86	46.61		46.61	0.000000	0.01	1498.01	544.78	0.00
B16	2870	TR 50	3.50	41.81	44.79		44.79	0.000000	0.01	505.29	480.55	0.00
B16	2870	TR 100	4.14	41.81	45.42		45.42	0.000000	0.01	811.91	491.80	0.00
B16	2870	TR 200	4.79	41.81	46.38		46.38	0.000000	0.01	1287.32	491.80	0.00
B16	2870	TR 500	5.71	41.81	46.61		46.61	0.000000	0.01	1398.51	491.80	0.00
B16	2835	TR 50	3.50	41.81	44.79		44.79	0.000000	0.01	502.02	475.90	0.00
B16	2835	TR 100	4.14	41.81	45.42		45.42	0.000000	0.01	804.82	485.40	0.00
B16	2835	TR 200	4.79	41.81	46.38		46.38	0.000000	0.01	1274.05	485.40	0.00
B16	2835	TR 500	5.71	41.81	46.61		46.61	0.000000	0.01	1383.79	485.40	0.00
B16	2800	TR 50	3.50	41.76	44.79		44.79	0.000000	0.02	477.82	488.47	0.00
B16	2800	TR 100	4.14	41.76	45.42		45.42	0.000000	0.01	789.15	499.17	0.00
B16	2800	TR 200	4.79	41.76	46.38		46.38	0.000000	0.01	1271.69	499.17	0.00
B16	2800	TR 500	5.71	41.76	46.61		46.61	0.000000	0.01	1384.54	499.17	0.00
B16	2765	TR 50	3.50	41.71	44.79		44.79	0.000000	0.02	474.18	497.70	0.00
B16	2765	TR 100	4.14	41.71	45.42		45.42	0.000000	0.01	791.67	509.02	0.00
B16	2765	TR 200	4.79	41.71	46.38		46.38	0.000000	0.01	1283.74	509.02	0.00
B16	2765	TR 500	5.71	41.71	46.61		46.61	0.000000	0.01	1398.82	509.02	0.00
B16	2730	TR 50	3.50	41.66	44.79		44.79	0.000000	0.02	456.05	504.08	0.00
B16	2730	TR 100	4.14	41.66	45.42		45.42	0.000000	0.01	778.70	517.90	0.00
B16	2730	TR 200	4.79	41.66	46.38		46.38	0.000000	0.01	1279.35	517.90	0.00
B16	2730	TR 500	5.71	41.66	46.61		46.61	0.000000	0.01	1396.44	517.90	0.00
B16	2695	TR 50	3.50	41.61	44.79		44.79	0.000000	0.02	439.83	518.95	0.00
B16	2695	TR 100	4.14	41.61	45.42		45.42	0.000000	0.01	779.34	547.64	0.00
B16	2695	TR 200	4.79	41.61	46.38		46.38	0.000000	0.01	1308.74	547.64	0.00
B16	2695	TR 500	5.71	41.61	46.61		46.61	0.000000	0.01	1432.55	547.64	0.00
B16	2660	TR 50	3.50	41.56	44.79		44.79	0.000000	0.02	429.04	537.65	0.00
B16	2660	TR 100	4.14	41.56	45.42		45.42	0.000000	0.01	783.78	571.47	0.00
B16	2660	TR 200	4.79	41.56	46.38		46.38	0.000000	0.01	1336.21	571.47	0.00
B16	2660	TR 500	5.71	41.56	46.61		46.61	0.000000	0.01	1465.41	571.47	0.00
B16	2625	TR 50	3.50	41.51	44.79		44.79	0.000000	0.02	402.28	481.55	0.00
B16	2625	TR 100	4.14	41.51	45.42		45.42	0.000000	0.01	719.30	511.63	0.00
B16	2625	TR 200	4.79	41.51	46.38		46.38	0.000000	0.01	1213.88	511.63	0.00
B16	2625	TR 500	5.71	41.51	46.61		46.61	0.000000	0.01	1329.55	511.63	0.00
B16	2590	TR 50	3.50	41.46	44.79		44.79	0.000000	0.02	375.46	451.44	0.00
B16	2590	TR 100	4.14	41.46	45.42		45.42	0.000000	0.01	674.63	482.99	0.00
B16	2590	TR 200	4.79	41.46	46.38		46.38	0.000000	0.01	1141.53	482.99	0.00
B16	2590	TR 500	5.71	41.46	46.61		46.61	0.000000	0.01	1250.72	482.99	0.00
B16	2555	TR 50	3.50	41.41	44.79		44.79	0.000000	0.03	347.50	397.56	0.01
B16	2555	TR 100	4.14	41.41	45.42		45.42	0.000000	0.01	622.46	447.74	0.00
B16	2555	TR 200	4.79	41.41	46.38		46.38	0.000000	0.01	1055.28	447.74	0.00
B16	2555	TR 500	5.71	41.41	46.61		46.61	0.000000	0.01	1156.51	447.74	0.00
B16	2520	TR 50	3.50	41.36	44.79		44.79	0.000000	0.03	317.48	335.67	0.01
B16	2520	TR 100	4.14	41.36	45.42		45.42	0.000000	0.02	540.26	359.45	0.00
B16	2520	TR 200	4.79	41.36	46.38		46.38	0.000000	0.01	887.74	359.45	0.00

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
B16	2520	TR 500	5.71	41.36	46.61		46.61	0.000000	0.01	969.01	359.45	0.00
B16	2485	TR 50	47.28	41.31	44.79		44.79	0.000035	0.37	302.91	310.14	0.07
B16	2485	TR 100	55.77	41.31	45.41		45.41	0.000010	0.23	513.32	341.86	0.04
B16	2485	TR 200	64.31	41.31	46.38		46.38	0.000003	0.14	843.97	341.86	0.02
B16	2485	TR 500	75.65	41.31	46.61		46.61	0.000003	0.15	921.24	341.86	0.02
B16	2450	TR 50	47.28	41.26	44.78		44.79	0.000041	0.40	278.67	286.06	0.08
B16	2450	TR 100	55.77	41.26	45.41		45.41	0.000012	0.25	471.32	310.48	0.04
B16	2450	TR 200	64.31	41.26	46.38		46.38	0.000003	0.15	771.73	310.48	0.02
B16	2450	TR 500	75.65	41.26	46.61		46.61	0.000003	0.16	841.90	310.48	0.02
B16	2415	TR 50	47.28	41.21	44.78		44.79	0.000072	0.53	226.92	268.51	0.10
B16	2415	TR 100	55.77	41.21	45.41		45.41	0.000017	0.30	411.39	296.61	0.05
B16	2415	TR 200	64.31	41.21	46.38		46.38	0.000004	0.17	698.57	296.61	0.03
B16	2415	TR 500	75.65	41.21	46.61		46.61	0.000004	0.18	765.60	296.61	0.03
B16	2380	TR 50	47.28	41.16	44.77		44.78	0.000175	0.80	155.27	213.89	0.15
B16	2380	TR 100	55.77	41.16	45.41		45.41	0.000035	0.41	316.81	262.87	0.07
B16	2380	TR 200	64.31	41.16	46.38		46.38	0.000007	0.22	571.72	262.87	0.03
B16	2380	TR 500	75.65	41.16	46.61		46.61	0.000007	0.22	631.12	262.87	0.03
B16	2345	TR 50	47.28	41.11	44.76		44.77	0.000247	0.94	127.71	176.11	0.18
B16	2345	TR 100	55.77	41.11	45.41		45.41	0.000049	0.48	265.80	220.81	0.08
B16	2345	TR 200	64.31	41.11	46.38		46.38	0.000010	0.25	480.36	220.81	0.04
B16	2345	TR 500	75.65	41.11	46.61		46.61	0.000010	0.26	530.25	220.81	0.04
B16	2310	TR 50	47.28	41.06	44.75		44.76	0.000244	0.93	122.74	157.20	0.18
B16	2310	TR 100	55.77	41.06	45.41		45.41	0.000054	0.50	244.81	194.36	0.09
B16	2310	TR 200	64.31	41.06	46.38		46.38	0.000012	0.27	434.02	194.36	0.04
B16	2310	TR 500	75.65	41.06	46.61		46.61	0.000012	0.29	477.92	194.36	0.04
B16	2275	TR 50	47.28	41.01	44.75		44.76	0.000122	0.69	166.73	225.75	0.13
B16	2275	TR 100	55.77	41.01	45.41		45.41	0.000027	0.38	357.28	298.09	0.06
B16	2275	TR 200	64.31	41.01	46.38		46.38	0.000005	0.20	647.50	298.09	0.03
B16	2275	TR 500	75.65	41.01	46.61		46.61	0.000005	0.20	714.85	298.09	0.03
B16	2240	TR 50	47.28	40.96	44.75		44.75	0.000037	0.41	296.00	301.36	0.07
B16	2240	TR 100	55.77	40.96	45.41		45.41	0.000010	0.24	503.19	319.61	0.04
B16	2240	TR 200	64.31	40.96	46.38		46.38	0.000003	0.15	814.30	319.61	0.02
B16	2240	TR 500	75.65	40.96	46.61		46.61	0.000003	0.16	886.51	319.61	0.02
B16	2205	TR 50	47.28	40.91	44.75		44.75	0.000014	0.26	392.64	285.79	0.05
B16	2205	TR 100	55.77	40.91	45.41		45.41	0.000006	0.19	590.35	305.40	0.03
B16	2205	TR 200	64.31	40.91	46.38		46.38	0.000002	0.13	887.64	305.40	0.02
B16	2205	TR 500	75.65	40.91	46.61		46.61	0.000002	0.14	956.64	305.40	0.02
B16	2170	TR 50	47.28	40.86	44.75		44.75	0.000010	0.23	420.99	273.10	0.04
B16	2170	TR 100	55.77	40.86	45.41		45.41	0.000005	0.18	628.54	329.08	0.03
B16	2170	TR 200	64.31	40.86	46.38		46.38	0.000002	0.12	948.92	329.08	0.02
B16	2170	TR 500	75.65	40.86	46.61		46.61	0.000002	0.13	1023.27	329.08	0.02
B16	2135	TR 50	47.28	40.81	44.75		44.75	0.000010	0.23	411.93	259.66	0.04
B16	2135	TR 100	55.77	40.81	45.41		45.41	0.000005	0.18	589.80	273.28	0.03
B16	2135	TR 200	64.31	40.81	46.38		46.38	0.000002	0.13	855.89	273.28	0.02
B16	2135	TR 500	75.65	40.81	46.61		46.61	0.000002	0.14	917.63	273.28	0.02
B16	2100	TR 50	47.28	40.76	44.75		44.75	0.000016	0.28	345.61	230.84	0.05
B16	2100	TR 100	55.77	40.76	45.41		45.41	0.000007	0.22	507.04	249.84	0.03
B16	2100	TR 200	64.31	40.76	46.38		46.38	0.000003	0.15	750.36	249.84	0.02
B16	2100	TR 500	75.65	40.76	46.61		46.61	0.000003	0.17	806.80	249.84	0.02
B16	2065	TR 50	47.28	40.71	44.75		44.75	0.000036	0.42	245.84	187.85	0.07
B16	2065	TR 100	55.77	40.71	45.40		45.41	0.000014	0.30	376.03	200.01	0.05
B16	2065	TR 200	64.31	40.71	46.38		46.38	0.000005	0.20	570.94	200.01	0.03
B16	2065	TR 500	75.65	40.71	46.60		46.61	0.000005	0.22	616.11	200.01	0.03
B16	2030	TR 50	47.28	40.59	44.74		44.75	0.000083	0.67	168.03	145.73	0.12
B16	2030	TR 100	55.77	40.59	45.40		45.40	0.000029	0.44	270.17	156.32	0.07
B16	2030	TR 200	64.31	40.59	46.38		46.38	0.000009	0.29	422.75	156.32	0.04
B16	2030	TR 500	75.65	40.59	46.60		46.61	0.000010	0.31	458.03	156.32	0.04
B16	1995	TR 50	47.28	40.47	44.73		44.74	0.000180	0.85	121.55	122.11	0.15
B16	1995	TR 100	55.77	40.47	45.40		45.40	0.000055	0.53	210.64	135.78	0.08
B16	1995	TR 200	64.31	40.47	46.38		46.38	0.000016	0.33	343.49	135.78	0.05
B16	1995	TR 500	75.65	40.47	46.60		46.60	0.000016	0.34	374.13	135.78	0.05
B16	1960	TR 50	47.28	40.35	44.70		44.73	0.000350	1.13	91.97	119.48	0.19
B16	1960	TR 100	55.77	40.35	45.39		45.40	0.000086	0.63	182.19	138.32	0.10
B16	1960	TR 200	64.31	40.35	46.38		46.38	0.000020	0.35	318.39	138.63	0.05
B16	1960	TR 500	75.65	40.35	46.60		46.60	0.000021	0.37	349.66	138.63	0.05
B16	1925	TR 50	47.28	40.23	44.69		44.72	0.000286	1.04	97.01	110.92	0.17

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
B16	1925	TR 100	55.77	40.23	45.39		45.40	0.000080	0.62	181.49	129.20	0.09
B16	1925	TR 200	64.31	40.23	46.37		46.38	0.000021	0.36	309.83	130.41	0.05
B16	1925	TR 500	75.65	40.23	46.60		46.60	0.000021	0.38	339.24	130.41	0.05
B16	1890	TR 50	47.28	40.11	44.70		44.71	0.000098	0.70	137.86	101.64	0.11
B16	1890	TR 100	55.77	40.11	45.39		45.39	0.000042	0.51	214.03	118.25	0.08
B16	1890	TR 200	64.31	40.11	46.37		46.38	0.000015	0.34	332.07	120.00	0.05
B16	1890	TR 500	75.65	40.11	46.60		46.60	0.000016	0.37	359.13	120.00	0.05
B16	1855.007	TR 50	47.28	39.99	44.70		44.70	0.000065	0.61	159.77	105.60	0.10
B16	1855.007	TR 100	55.77	39.99	45.39		45.39	0.000031	0.47	239.37	123.85	0.07
B16	1855.007	TR 200	64.31	39.99	46.37		46.38	0.000012	0.33	370.22	136.52	0.04
B16	1855.007	TR 500	75.65	39.99	46.60		46.60	0.000013	0.35	401.00	136.52	0.05
B16	1819.665	TR 50	47.28	39.91	44.69		44.70	0.000137	0.78	119.64	98.91	0.13
B16	1819.665	TR 100	55.77	39.91	45.39		45.39	0.000055	0.55	197.81	122.54	0.08
B16	1819.665	TR 200	64.31	39.91	46.37		46.38	0.000017	0.35	329.74	137.54	0.05
B16	1819.665	TR 500	75.65	39.91	46.60		46.60	0.000018	0.37	360.74	137.54	0.05
B16	1785.065	TR 50	47.28	39.83	44.67		44.69	0.000189	0.92	108.35	101.22	0.15
B16	1785.065	TR 100	55.77	39.83	45.38		45.39	0.000067	0.61	191.22	131.57	0.09
B16	1785.065	TR 200	64.31	39.83	46.37		46.37	0.000019	0.37	336.43	153.20	0.05
B16	1785.065	TR 500	75.65	39.83	46.60		46.60	0.000019	0.38	370.97	153.20	0.05
B16	1750.039	TR 50	47.28	39.75	44.65		44.69	0.000284	1.07	95.32	109.55	0.17
B16	1750.039	TR 100	55.77	39.75	45.38		45.39	0.000078	0.63	188.35	144.92	0.09
B16	1750.039	TR 200	64.31	39.75	46.37		46.37	0.000019	0.35	348.59	168.03	0.05
B16	1750.039	TR 500	75.65	39.75	46.60		46.60	0.000019	0.36	386.48	168.03	0.05
B16	1715.008	TR 50	47.28	39.67	44.56		44.66	0.000725	1.65	56.63	92.37	0.26
B16	1715.008	TR 100	55.77	39.67	45.37		45.38	0.000128	0.78	161.65	155.10	0.11
B16	1715.008	TR 200	64.31	39.67	46.37		46.37	0.000023	0.38	344.57	195.83	0.05
B16	1715.008	TR 500	75.65	39.67	46.60		46.60	0.000022	0.38	388.77	195.83	0.05
B16	1680.128	TR 50	47.28	39.59	44.51		44.63	0.000924	1.76	47.38	75.62	0.28
B16	1680.128	TR 100	55.77	39.59	45.37		45.38	0.000125	0.74	187.16	222.02	0.11
B16	1680.128	TR 200	64.31	39.59	46.37		46.37	0.000016	0.30	425.54	243.32	0.04
B16	1680.128	TR 500	75.65	39.59	46.60		46.60	0.000015	0.30	480.46	243.32	0.04
B16	1645.339	TR 50	47.28	39.51	44.41		44.59	0.001283	2.00	30.65	26.64	0.32
B16	1645.339	TR 100	55.77	39.51	45.36		45.37	0.000125	0.71	193.10	237.82	0.10
B16	1645.339	TR 200	64.31	39.51	46.37		46.37	0.000015	0.27	450.32	262.74	0.04
B16	1645.339	TR 500	75.65	39.51	46.60		46.60	0.000014	0.27	509.63	262.74	0.03
B16	1610	TR 50	47.28	39.43	44.44		44.53	0.000745	1.53	59.91	178.76	0.24
B16	1610	TR 100	55.77	39.43	45.37		45.37	0.000027	0.32	468.16	610.90	0.05
B16	1610	TR 200	64.31	39.43	46.37		46.37	0.000003	0.11	1102.86	638.04	0.01
B16	1610	TR 500	75.65	39.43	46.60		46.60	0.000002	0.11	1246.91	638.04	0.01
B16	1590.738	TR 50	47.28	39.43	44.50	40.53	44.50	0.000002	0.10	882.86	549.65	0.01
B16	1590.738	TR 100	55.77	39.43	45.37	40.62	45.37	0.000001	0.07	1390.32	604.54	0.01
B16	1590.738	TR 200	64.31	39.43	46.37	40.70	46.37	0.000000	0.05	2009.47	622.91	0.01
B16	1590.738	TR 500	75.65	39.43	46.60	40.80	46.60	0.000000	0.05	2150.10	622.91	0.01
B16	1571.691		Culvert									
B16	1552.177	TR 50	47.28	39.27	42.48		42.50	0.000233	0.79	111.33	174.48	0.14
B16	1552.177	TR 100	55.77	39.27	42.56		42.58	0.000263	0.85	125.14	189.17	0.15
B16	1552.177	TR 200	64.31	39.27	42.63		42.66	0.000284	0.90	140.00	203.18	0.16
B16	1552.177	TR 500	75.65	39.27	42.73		42.75	0.000302	0.94	160.26	219.66	0.17
B16	1539.994	TR 50	47.28	39.19	42.38		42.49	0.001644	1.96	59.44	140.89	0.40
B16	1539.994	TR 100	55.77	39.19	42.48		42.57	0.001480	1.88	74.35	159.48	0.38
B16	1539.994	TR 200	64.31	39.19	42.58		42.65	0.001322	1.80	90.15	177.33	0.36
B16	1539.994	TR 500	75.65	39.19	42.69		42.74	0.001138	1.69	111.16	194.88	0.33
B16	1505.012	TR 50	47.28	39.11	42.33		42.43	0.001568	1.92	60.94	144.00	0.39
B16	1505.012	TR 100	55.77	39.11	42.44		42.52	0.001359	1.81	77.56	164.18	0.36
B16	1505.012	TR 200	64.31	39.11	42.54		42.60	0.001217	1.73	94.86	188.43	0.34
B16	1505.012	TR 500	75.65	39.11	42.66		42.70	0.001007	1.59	118.63	207.08	0.31
B16	1470.148	TR 50	47.28	39.03	42.31		42.37	0.001091	1.61	77.33	183.68	0.33
B16	1470.148	TR 100	55.77	39.03	42.42		42.47	0.000877	1.46	98.97	200.78	0.29
B16	1470.148	TR 200	64.31	39.03	42.52		42.56	0.000748	1.37	119.81	217.06	0.27
B16	1470.148	TR 500	75.65	39.03	42.64		42.67	0.000732	1.37	146.83	285.05	0.26
B16	1435.025	TR 50	47.28	38.95	42.33		42.34	0.000241	0.81	156.67	278.40	0.16
B16	1435.025	TR 100	55.77	38.95	42.44		42.44	0.000209	0.77	186.27	290.74	0.15
B16	1435.025	TR 200	64.31	38.95	42.53		42.54	0.000188	0.75	214.54	301.67	0.14
B16	1435.025	TR 500	75.65	38.95	42.64		42.65	0.000170	0.73	249.58	313.72	0.14
B16	1399.974	TR 50	170.63	38.87	42.27		42.31	0.001108	1.80	220.07	274.73	0.36
B16	1399.974	TR 100	202.00	38.87	42.37		42.42	0.001108	1.85	248.50	285.43	0.36

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
B16	1399.974	TR 200	233.60	38.87	42.46		42.51	0.001109	1.89	275.50	294.66	0.36
B16	1399.974	TR 500	275.59	38.87	42.57		42.63	0.001117	1.95	308.56	304.53	0.36
B16	1371.925	TR 50	170.63	38.78	42.24		42.28	0.001053	1.69	220.99	265.52	0.33
B16	1371.925	TR 100	202.00	38.78	42.34		42.39	0.001058	1.74	248.30	275.02	0.33
B16	1371.925	TR 200	233.60	38.78	42.43		42.48	0.001068	1.79	274.14	283.73	0.34
B16	1371.925	TR 500	275.59	38.78	42.54		42.59	0.001090	1.85	305.72	294.01	0.34
B16	1330.422	TR 50	170.63	38.69	42.17		42.23	0.001485	1.92	193.04	239.67	0.38
B16	1330.422	TR 100	202.00	38.69	42.27		42.33	0.001481	1.95	217.93	247.59	0.37
B16	1330.422	TR 200	233.60	38.69	42.37		42.43	0.001472	1.98	241.22	256.79	0.37
B16	1330.422	TR 500	275.59	38.69	42.47		42.54	0.001487	2.04	269.59	269.26	0.38
B16	1294.982	TR 50	170.63	38.60	42.08		42.16	0.002084	2.28	166.23	217.34	0.44
B16	1294.982	TR 100	202.00	38.60	42.19		42.27	0.002086	2.30	189.22	229.09	0.44
B16	1294.982	TR 200	233.60	38.60	42.28		42.36	0.002091	2.33	211.22	239.80	0.44
B16	1294.982	TR 500	275.59	38.60	42.39		42.48	0.002084	2.36	238.01	248.20	0.44
B16	1259.807	TR 50	170.63	38.51	41.99		42.09	0.002274	2.38	158.07	205.59	0.46
B16	1259.807	TR 100	202.00	38.51	42.10		42.19	0.002299	2.42	179.65	217.55	0.46
B16	1259.807	TR 200	233.60	38.51	42.19		42.29	0.002318	2.45	200.42	228.17	0.46
B16	1259.807	TR 500	275.59	38.51	42.30		42.40	0.002294	2.48	225.93	235.73	0.46
B16	1225.121	TR 50	170.63	38.42	41.88		42.00	0.002756	2.61	144.59	192.55	0.51
B16	1225.121	TR 100	202.00	38.42	41.99		42.10	0.002783	2.66	164.79	204.60	0.51
B16	1225.121	TR 200	233.60	38.42	42.08		42.20	0.002786	2.68	184.47	214.93	0.51
B16	1225.121	TR 500	275.59	38.42	42.19		42.31	0.002700	2.70	209.23	224.47	0.50
B16	1190.251	TR 50	170.63	38.33	41.79		41.90	0.002643	2.60	146.14	197.12	0.51
B16	1190.251	TR 100	202.00	38.33	41.89		42.01	0.002575	2.63	167.06	209.94	0.51
B16	1190.251	TR 200	233.60	38.33	41.99		42.10	0.002528	2.67	187.36	221.56	0.50
B16	1190.251	TR 500	275.59	38.33	42.10		42.22	0.002474	2.71	213.56	235.45	0.50
B16	1155.377	TR 50	170.63	38.24	41.71		41.82	0.002322	2.55	151.25	204.94	0.50
B16	1155.377	TR 100	202.00	38.24	41.81		41.92	0.002293	2.60	173.19	218.34	0.50
B16	1155.377	TR 200	233.60	38.24	41.91		42.02	0.002269	2.64	194.61	230.66	0.50
B16	1155.377	TR 500	275.59	38.24	42.02		42.14	0.002241	2.69	222.29	246.21	0.50
B16	1120.352	TR 50	170.63	38.15	41.63		41.74	0.002123	2.54	158.30	215.88	0.49
B16	1120.352	TR 100	202.00	38.15	41.74		41.84	0.002099	2.59	181.72	229.88	0.49
B16	1120.352	TR 200	233.60	38.15	41.83		41.94	0.002080	2.63	204.56	243.32	0.50
B16	1120.352	TR 500	275.59	38.15	41.95		42.06	0.002056	2.69	234.20	260.96	0.50
B16	1085.365	TR 50	170.63	38.06	41.57		41.66	0.001773	2.41	170.61	220.15	0.47
B16	1085.365	TR 100	202.00	38.06	41.68		41.77	0.001791	2.48	194.16	233.13	0.47
B16	1085.365	TR 200	233.60	38.06	41.77		41.87	0.001800	2.54	217.11	245.12	0.48
B16	1085.365	TR 500	275.59	38.06	41.89		41.99	0.001802	2.61	246.72	259.08	0.48
B16	1049.9	TR 50	170.63	37.99	41.52		41.60	0.001579	2.36	177.09	216.53	0.46
B16	1049.9	TR 100	202.00	37.99	41.62		41.71	0.001636	2.46	199.62	229.12	0.47
B16	1049.9	TR 200	233.60	37.99	41.71		41.81	0.001676	2.54	221.72	240.82	0.47
B16	1049.9	TR 500	275.59	37.99	41.83		41.93	0.001686	2.62	250.66	253.19	0.48
B16	1014.993	TR 50	170.63	37.92	41.47		41.55	0.001439	2.36	181.89	214.33	0.45
B16	1014.993	TR 100	202.00	37.92	41.57		41.65	0.001464	2.44	203.75	220.05	0.46
B16	1014.993	TR 200	233.60	37.92	41.66		41.75	0.001478	2.50	224.51	224.23	0.47
B16	1014.993	TR 500	275.59	37.92	41.78		41.87	0.001460	2.56	250.80	224.58	0.47
B16	980.1037	TR 50	170.63	37.85	41.40		41.50	0.001565	2.49	169.52	192.01	0.48
B16	980.1037	TR 100	202.00	37.85	41.50		41.60	0.001637	2.60	188.14	196.86	0.49
B16	980.1037	TR 200	233.60	37.85	41.59		41.69	0.001697	2.70	205.87	201.38	0.50
B16	980.1037	TR 500	275.59	37.85	41.70		41.81	0.001708	2.78	229.20	203.05	0.51
B16	944.9352	TR 50	170.63	37.78	41.28		41.43	0.002308	2.94	143.97	176.25	0.57
B16	944.9352	TR 100	202.00	37.78	41.37		41.52	0.002412	3.07	160.24	181.21	0.59
B16	944.9352	TR 200	233.60	37.78	41.47		41.62	0.002406	3.14	177.01	182.62	0.59
B16	944.9352	TR 500	275.59	37.78	41.59		41.74	0.002349	3.18	198.75	182.62	0.59
B16	910.1674	TR 50	170.63	37.71	41.23		41.34	0.001885	2.63	150.47	162.63	0.51
B16	910.1674	TR 100	202.00	37.71	41.32		41.44	0.002026	2.78	164.15	162.63	0.53
B16	910.1674	TR 200	233.60	37.71	41.40		41.54	0.002107	2.90	178.09	162.63	0.54
B16	910.1674	TR 500	275.59	37.71	41.51		41.66	0.002158	3.01	196.52	162.63	0.55
B16	875.1172	TR 50	170.63	37.64	40.98	40.98	41.24	0.004217	3.73	110.35	147.03	0.75
B16	875.1172	TR 100	202.00	37.64	41.08	41.04	41.33	0.004050	3.76	125.54	147.03	0.74
B16	875.1172	TR 200	233.60	37.64	41.19	41.11	41.43	0.003783	3.73	141.52	147.03	0.72
B16	875.1172	TR 500	275.59	37.64	41.32	41.18	41.55	0.003619	3.76	160.03	147.03	0.71
B16	840.1328	TR 50	170.63	37.57	40.75	40.77	41.06	0.005529	4.05	95.33	125.13	0.84
B16	840.1328	TR 100	202.00	37.57	40.85	40.85	41.16	0.005424	4.12	107.77	125.13	0.84
B16	840.1328	TR 200	233.60	37.57	40.91	40.91	41.26	0.005820	4.34	116.06	125.13	0.87
B16	840.1328	TR 500	275.59	37.57	40.99	40.99	41.38	0.006294	4.61	126.22	125.13	0.91

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
B16	805.3503	TR 50	170.63	37.50	40.71	40.11	40.73	0.000453	1.18	318.33	313.77	0.24
B16	805.3503	TR 100	202.00	37.50	40.80	40.17	40.82	0.000490	1.25	345.52	313.77	0.25
B16	805.3503	TR 200	233.60	37.50	40.88	40.19	40.91	0.000519	1.32	371.55	313.77	0.26
B16	805.3503	TR 500	275.59	37.50	40.98	40.24	41.01	0.000557	1.40	402.94	313.77	0.27
B16	770.153	TR 50	170.63	37.31	40.70		40.72	0.000394	1.09	318.83	289.86	0.23
B16	770.153	TR 100	202.00	37.31	40.78		40.80	0.000437	1.17	343.43	289.86	0.25
B16	770.153	TR 200	233.60	37.31	40.86		40.89	0.000474	1.24	367.00	289.86	0.26
B16	770.153	TR 500	275.59	37.31	40.96		40.99	0.000520	1.33	395.37	289.86	0.27
B16	735.5127	TR 50	170.63	37.29	40.69		40.70	0.000270	0.56	392.95	442.52	0.15
B16	735.5127	TR 100	202.00	37.29	40.78		40.79	0.000289	0.60	430.75	446.52	0.15
B16	735.5127	TR 200	233.60	37.29	40.86		40.87	0.000304	0.63	467.39	450.36	0.16
B16	735.5127	TR 500	275.59	37.29	40.96		40.97	0.000321	0.67	511.96	452.37	0.16
B16	701.4245	TR 50	170.63	37.08	40.68		40.69	0.000312	0.67	377.71	425.41	0.17
B16	701.4245	TR 100	202.00	37.08	40.76		40.78	0.000336	0.72	413.80	432.72	0.17
B16	701.4245	TR 200	233.60	37.08	40.84		40.86	0.000354	0.76	449.15	439.77	0.18
B16	701.4245	TR 500	275.59	37.08	40.94		40.96	0.000376	0.81	492.55	448.39	0.18
B16	666.0455	TR 50	170.63	37.06	40.66		40.68	0.000419	0.73	344.49	406.34	0.18
B16	666.0455	TR 100	202.00	37.06	40.75		40.76	0.000449	0.78	378.44	412.80	0.19
B16	666.0455	TR 200	233.60	37.06	40.83		40.85	0.000473	0.82	411.75	420.11	0.20
B16	666.0455	TR 500	275.59	37.06	40.92		40.95	0.000502	0.87	452.71	428.92	0.20
B16	630.9365	TR 50	170.63	37.01	40.64		40.66	0.000639	0.83	302.78	401.96	0.22
B16	630.9365	TR 100	202.00	37.01	40.72		40.74	0.000668	0.88	335.86	406.74	0.22
B16	630.9365	TR 200	233.60	37.01	40.80		40.83	0.000686	0.91	368.31	411.33	0.23
B16	630.9365	TR 500	275.59	37.01	40.90		40.92	0.000710	0.96	407.85	416.85	0.23
B16	594.1655	TR 50	170.63	36.99	40.59		40.63	0.001090	1.27	245.26	374.07	0.31
B16	594.1655	TR 100	202.00	36.99	40.67		40.71	0.001100	1.31	276.07	379.10	0.31
B16	594.1655	TR 200	233.60	36.99	40.75		40.79	0.001095	1.33	306.54	384.05	0.31
B16	594.1655	TR 500	275.59	36.99	40.85		40.89	0.001100	1.37	343.44	390.18	0.31
B16	561.6592	TR 50	170.63	36.94	40.52		40.58	0.001590	1.67	212.34	363.68	0.41
B16	561.6592	TR 100	202.00	36.94	40.60		40.67	0.001536	1.68	244.00	369.58	0.41
B16	561.6592	TR 200	233.60	36.94	40.69		40.75	0.001476	1.69	275.22	375.50	0.40
B16	561.6592	TR 500	275.59	36.94	40.78		40.85	0.001435	1.71	312.51	381.07	0.39
B16	524.9473	TR 50	170.63	36.86	40.29	40.25	40.48	0.004118	2.25	135.25	312.14	0.64
B16	524.9473	TR 100	202.00	36.86	40.42		40.58	0.003436	2.14	177.25	355.11	0.58
B16	524.9473	TR 200	233.60	36.86	40.53		40.67	0.002986	2.07	220.01	400.55	0.54
B16	524.9473	TR 500	275.59	36.86	40.68		40.78	0.002298	1.90	277.70	406.94	0.48
B16	490.5397	TR 50	170.63	36.77	40.25		40.35	0.002353	1.59	165.59	228.67	0.46
B16	490.5397	TR 100	202.00	36.77	40.36		40.47	0.002354	1.66	191.43	244.29	0.46
B16	490.5397	TR 200	233.60	36.77	40.46		40.57	0.002342	1.72	216.53	256.93	0.46
B16	490.5397	TR 500	275.59	36.77	40.58		40.70	0.002329	1.79	248.62	273.76	0.46
B16	455.0636	TR 50	170.63	36.67	40.11		40.25	0.003321	1.75	136.29	188.00	0.54
B16	455.0636	TR 100	202.00	36.67	40.21		40.36	0.003403	1.84	155.71	199.69	0.55
B16	455.0636	TR 200	233.60	36.67	40.31		40.47	0.003470	1.93	174.46	210.64	0.55
B16	455.0636	TR 500	275.59	36.67	40.42		40.59	0.003529	2.04	198.88	226.51	0.56
B16	419.4796	TR 50	170.63	36.59	39.95		40.12	0.003957	1.90	118.24	195.32	0.59
B16	419.4796	TR 100	202.00	36.59	40.05		40.23	0.003997	2.00	138.10	206.88	0.59
B16	419.4796	TR 200	233.60	36.59	40.14		40.33	0.003979	2.07	157.99	217.36	0.59
B16	419.4796	TR 500	275.59	36.59	40.26		40.46	0.003969	2.16	183.28	230.13	0.59
B16	385.5477	TR 50	170.63	36.49	39.81		39.98	0.004028	2.04	115.32	191.41	0.60
B16	385.5477	TR 100	202.00	36.49	39.92		40.09	0.003913	2.10	137.01	208.60	0.59
B16	385.5477	TR 200	233.60	36.49	40.02		40.20	0.003805	2.15	158.67	224.82	0.58
B16	385.5477	TR 500	275.59	36.49	40.14		40.32	0.003684	2.21	186.90	241.96	0.58
B16	350.1801	TR 50	170.63	36.37	39.68		39.84	0.003611	2.23	121.88	179.88	0.61
B16	350.1801	TR 100	202.00	36.37	39.80		39.96	0.003418	2.26	144.48	200.41	0.59
B16	350.1801	TR 200	233.60	36.37	39.91		40.07	0.003213	2.27	168.12	228.97	0.57
B16	350.1801	TR 500	275.59	36.37	40.04		40.19	0.002986	2.28	200.31	250.69	0.55
B16	315.498	TR 50	170.63	36.25	39.61		39.72	0.002839	2.26	136.47	171.48	0.53
B16	315.498	TR 100	202.00	36.25	39.73		39.84	0.002708	2.30	157.68	181.52	0.52
B16	315.498	TR 200	233.60	36.25	39.84		39.95	0.002596	2.34	178.96	200.92	0.51
B16	315.498	TR 500	275.59	36.25	39.97		40.09	0.002487	2.38	207.58	225.82	0.51
B16	279.5338	TR 50	170.63	36.12	39.54		39.63	0.001878	1.58	152.19	182.69	0.42
B16	279.5338	TR 100	202.00	36.12	39.66		39.75	0.001857	1.64	174.91	194.88	0.42
B16	279.5338	TR 200	233.60	36.12	39.78		39.87	0.001830	1.69	197.63	211.56	0.42
B16	279.5338	TR 500	275.59	36.12	39.91		40.01	0.001814	1.76	228.67	253.17	0.42
B16	245.2682	TR 50	170.63	36.00	39.50		39.57	0.001484	1.43	180.38	245.76	0.37
B16	245.2682	TR 100	202.00	36.00	39.62		39.69	0.001384	1.45	212.71	263.76	0.36
B16	245.2682	TR 200	233.60	36.00	39.74		39.81	0.001280	1.45	244.86	274.54	0.35

HEC-RAS Plan: Plan 01 River: Riu_Don_Gavinu Reach: B16 (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
B16	245.2682	TR 500	275.59	36.00	39.88		39.95	0.001193	1.46	283.96	285.13	0.34
B16	209.7235	TR 50	170.63	35.92	39.46		39.51	0.001321	1.37	194.11	229.26	0.33
B16	209.7235	TR 100	202.00	35.92	39.59		39.64	0.001246	1.39	224.26	241.47	0.33
B16	209.7235	TR 200	233.60	35.92	39.71		39.76	0.001182	1.42	253.91	252.74	0.32
B16	209.7235	TR 500	275.59	35.92	39.85		39.90	0.001135	1.45	290.20	265.40	0.32
B16	175.6039	TR 50	170.63	35.79	39.43		39.47	0.000983	1.38	214.37	231.09	0.31
B16	175.6039	TR 100	202.00	35.79	39.56		39.60	0.000944	1.41	244.92	239.66	0.30
B16	175.6039	TR 200	233.60	35.79	39.68		39.72	0.000916	1.44	274.45	248.33	0.30
B16	175.6039	TR 500	275.59	35.79	39.82		39.87	0.000915	1.49	310.14	262.01	0.31
B16	139.6283	TR 50	170.63	35.66	39.38		39.43	0.000903	1.34	206.68	216.71	0.31
B16	139.6283	TR 100	202.00	35.66	39.51		39.57	0.000915	1.40	235.45	231.53	0.31
B16	139.6283	TR 200	233.60	35.66	39.63		39.69	0.000911	1.44	264.37	244.53	0.31
B16	139.6283	TR 500	275.59	35.66	39.78		39.83	0.000907	1.49	299.52	255.39	0.31
B16	105.469	TR 50	170.63	35.63	39.32		39.40	0.001279	1.50	172.03	190.84	0.36
B16	105.469	TR 100	202.00	35.63	39.45		39.53	0.001334	1.59	197.18	214.84	0.37
B16	105.469	TR 200	233.60	35.63	39.56		39.65	0.001361	1.66	224.09	240.12	0.37
B16	105.469	TR 500	275.59	35.63	39.70		39.79	0.001375	1.73	259.85	270.16	0.37
B16	69.91247	TR 50	213.05	35.60	39.16		39.32	0.002834	2.14	144.11	157.54	0.53
B16	69.91247	TR 100	252.41	35.60	39.28		39.45	0.002972	2.27	162.10	166.89	0.55
B16	69.91247	TR 200	292.07	35.60	39.39		39.57	0.003025	2.37	180.91	176.15	0.55
B16	69.91247	TR 500	344.78	35.60	39.51		39.71	0.003151	2.51	203.21	186.63	0.57
B16	34.26916	TR 50	213.05	35.59	39.01	38.79	39.20	0.003741	2.43	132.80	156.39	0.62
B16	34.26916	TR 100	252.41	35.59	39.12		39.32	0.003853	2.55	149.99	164.38	0.63
B16	34.26916	TR 200	292.07	35.59	39.24		39.44	0.003771	2.61	169.50	173.03	0.63
B16	34.26916	TR 500	344.78	35.59	39.36		39.58	0.003893	2.75	190.41	181.84	0.64
B16	1.739465	TR 50	213.05	35.57	38.63	38.63	39.00	0.009485	2.95	89.14	129.58	0.92
B16	1.739465	TR 100	252.41	35.57	38.74	38.74	39.12	0.008911	3.01	104.99	139.45	0.89
B16	1.739465	TR 200	292.07	35.57	38.81	38.81	39.24	0.009531	3.21	114.95	145.29	0.92
B16	1.739465	TR 500	344.78	35.57	38.94	38.94	39.37	0.008972	3.28	134.47	156.09	0.89

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 16 : Rio Barca – Rio Su Mattone

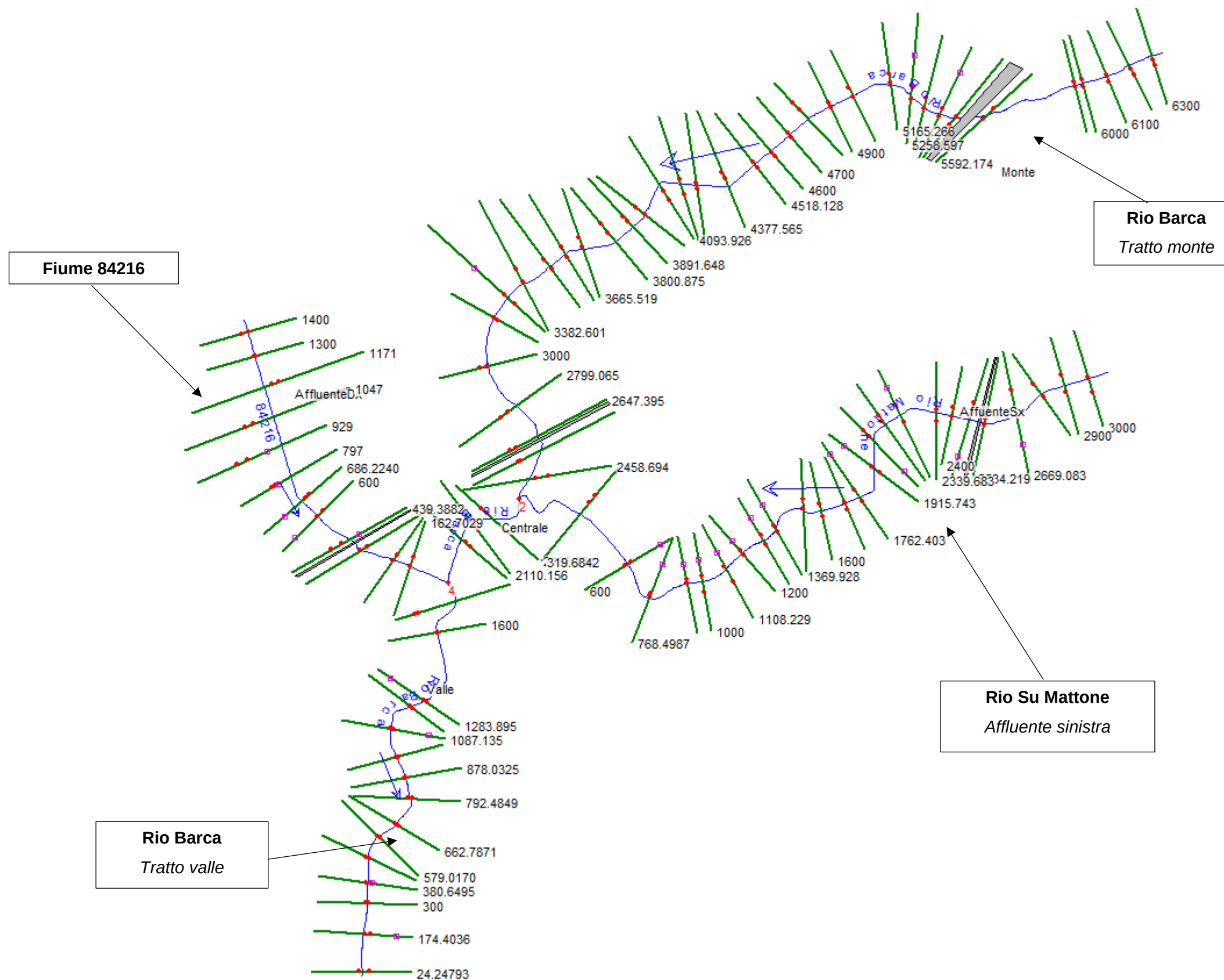
Componenti:

Fiume 84216
Rio Barca
Rio Mattone

- 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;

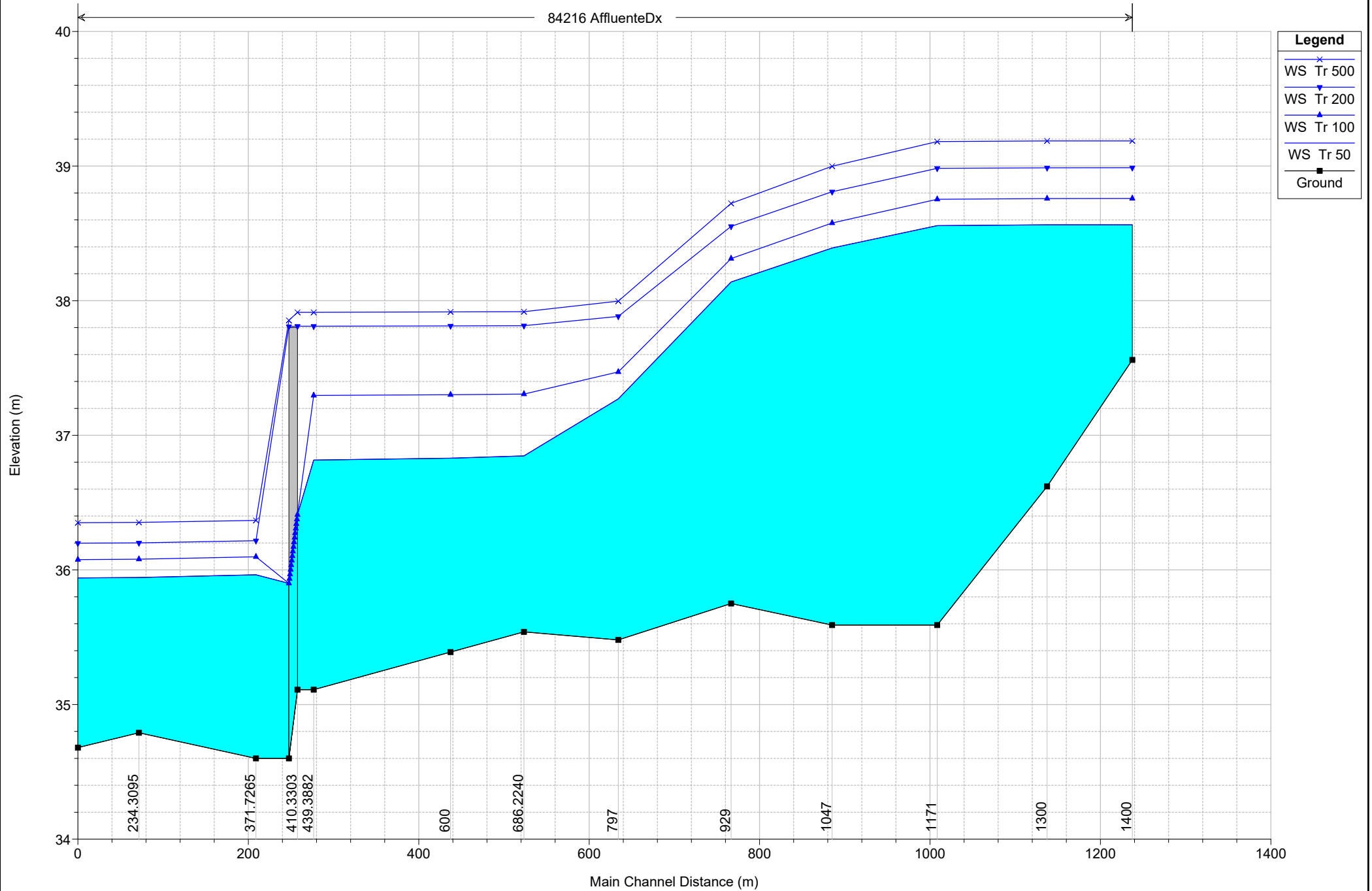
River	Reach	RS	PORTATE mc/s			
			Tr 50	Tr 100	Tr 200	Tr 500
84216	AffluenteDx	1400	38.213	45.27	52.38	61.832
Rio Barca	Monte	6300	67.825	80.148	92.544	109.002
Rio Barca	Centrale	2198.231	190.16	225.055	260.18	306.838
Rio Barca	Valle	1758.958	199.242	235.182	271.303	319.21
Rio Mattone	AffuenteSx	3000	122.335	144.907	167.636	197.836

			condizioni al contorno	
River	Reach	PROFILI	upstream	downstream
84216	AffluenteDx	all	Critical Depth	Junction=4
Rio Barca	Monte	all	Critical Depth	Junction=2
Rio Barca	Centrale	all	Junction=2	Junction=4
Rio Barca	Valle	all	Junction=4	Normal Depth S = 0.0024
Rio Mattone	AffluenteSx	all	Critical Depth	Junction=2



21-nov-2012-4 Plan: 15022021 2/15/2021

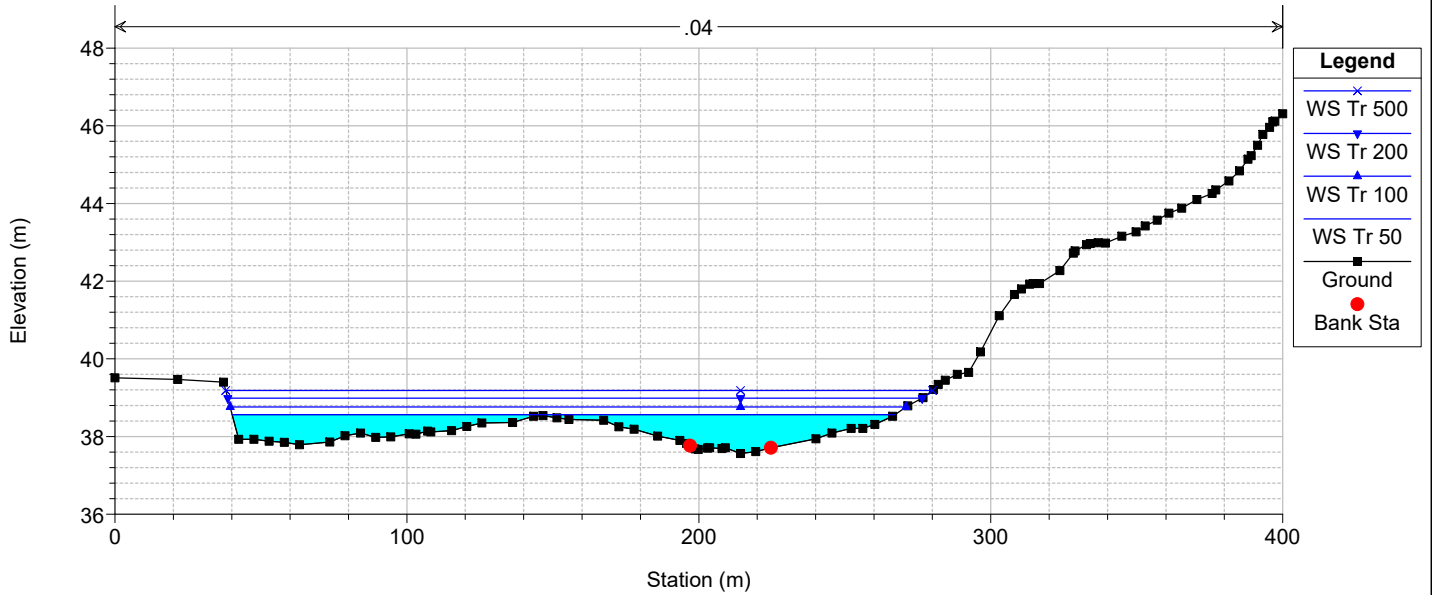
Geom: 15022021 Flow: 15022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

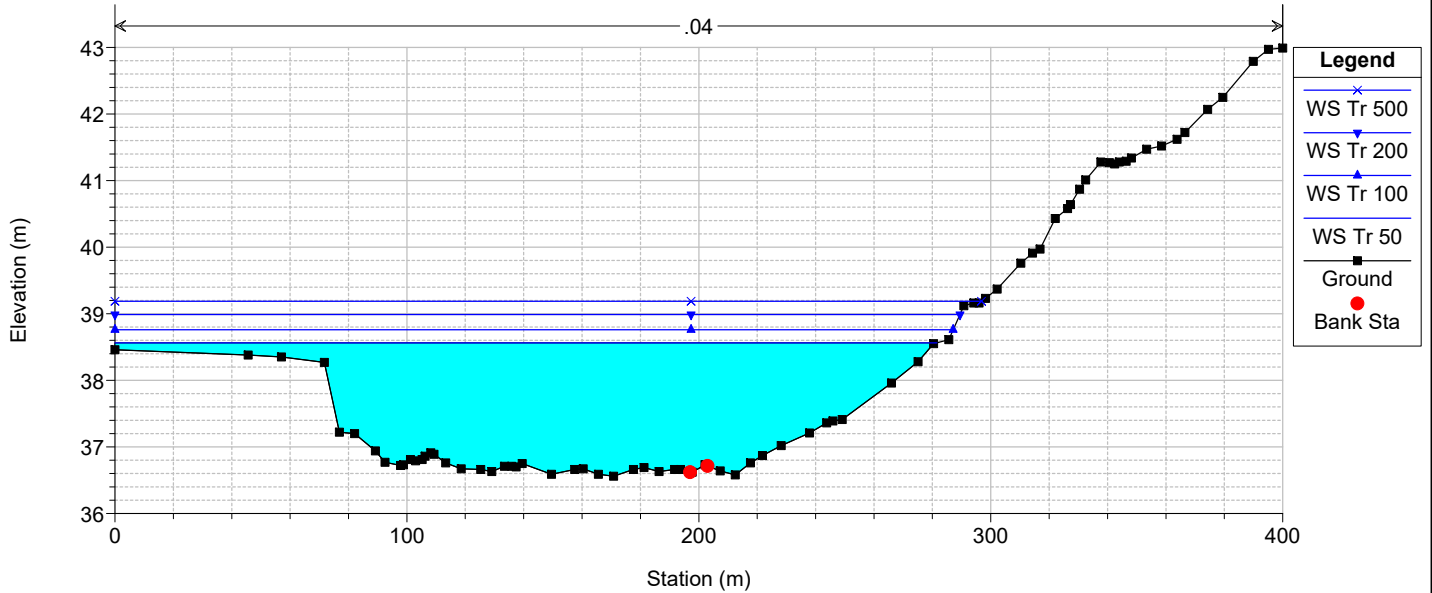
River = 84216 Reach = AffluenteDx RS = 1400 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

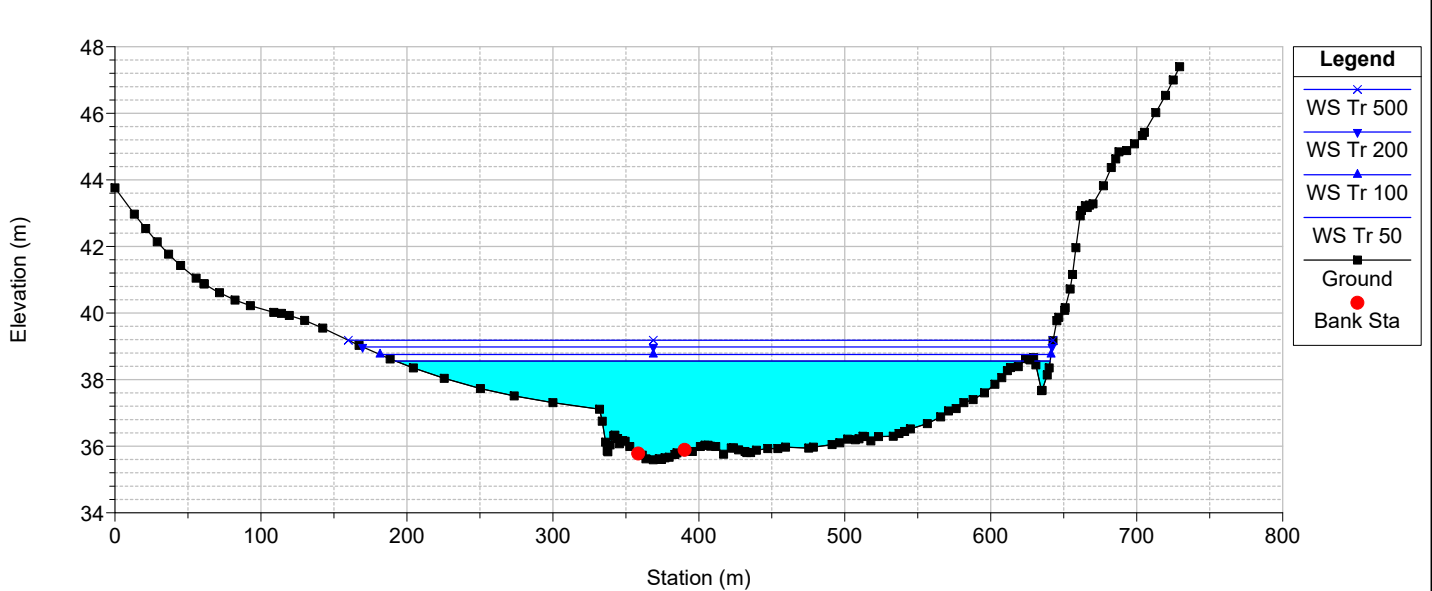
River = 84216 Reach = AffluenteDx RS = 1300 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

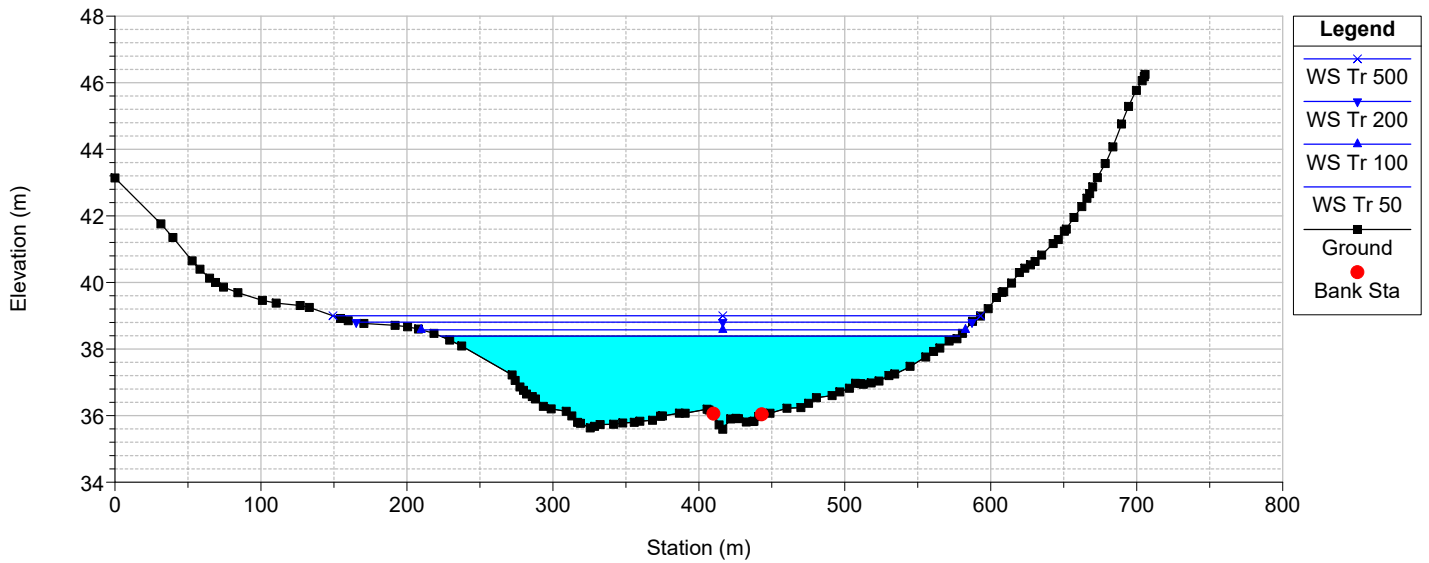
River = 84216 Reach = AffluenteDx RS = 1171 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

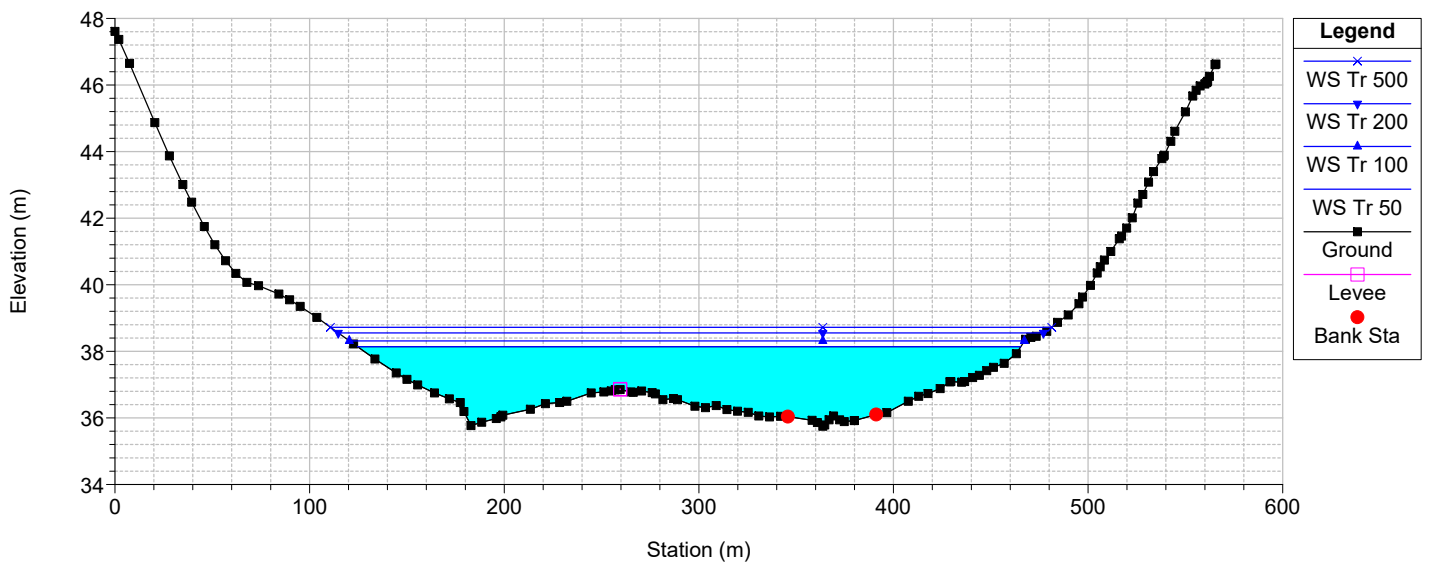
River = 84216 Reach = AffluenteDx RS = 1047 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

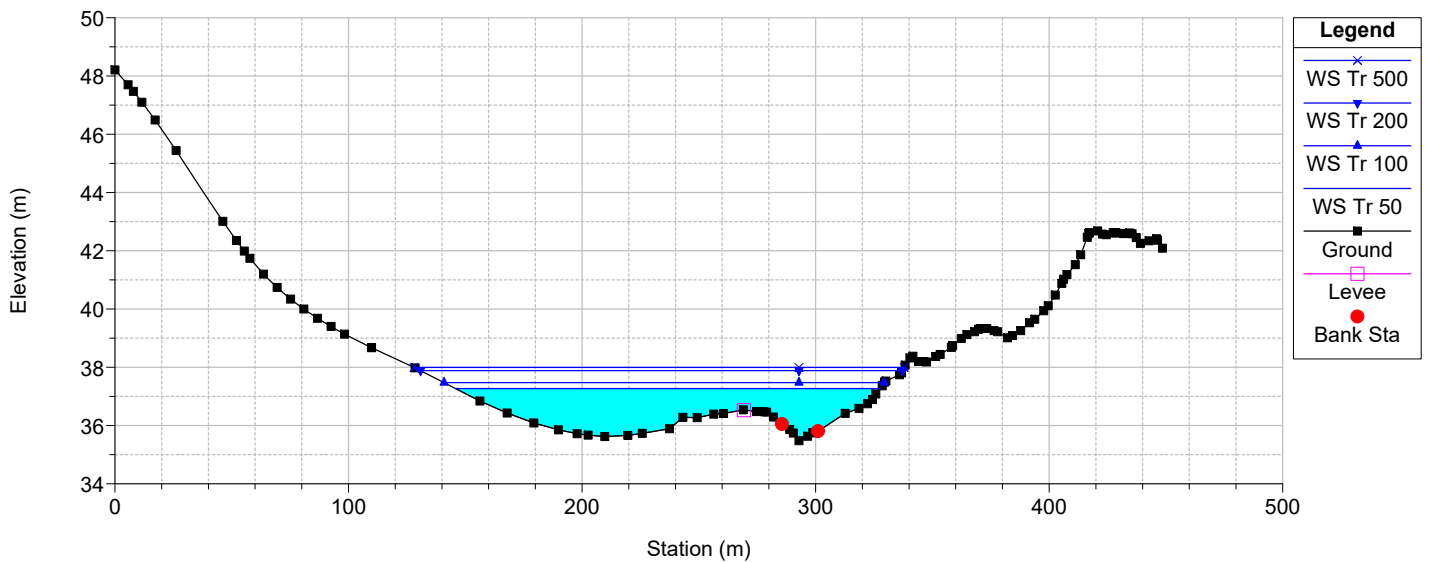
River = 84216 Reach = AffluenteDx RS = 929 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

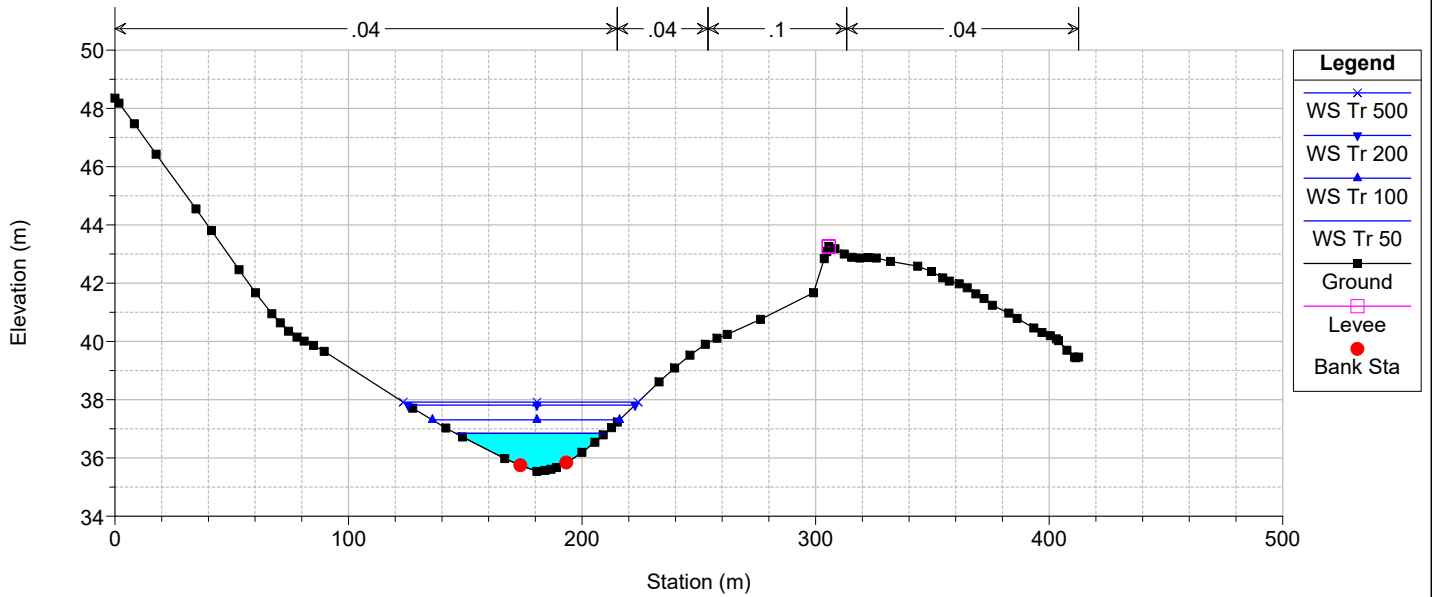
River = 84216 Reach = AffluenteDx RS = 797 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

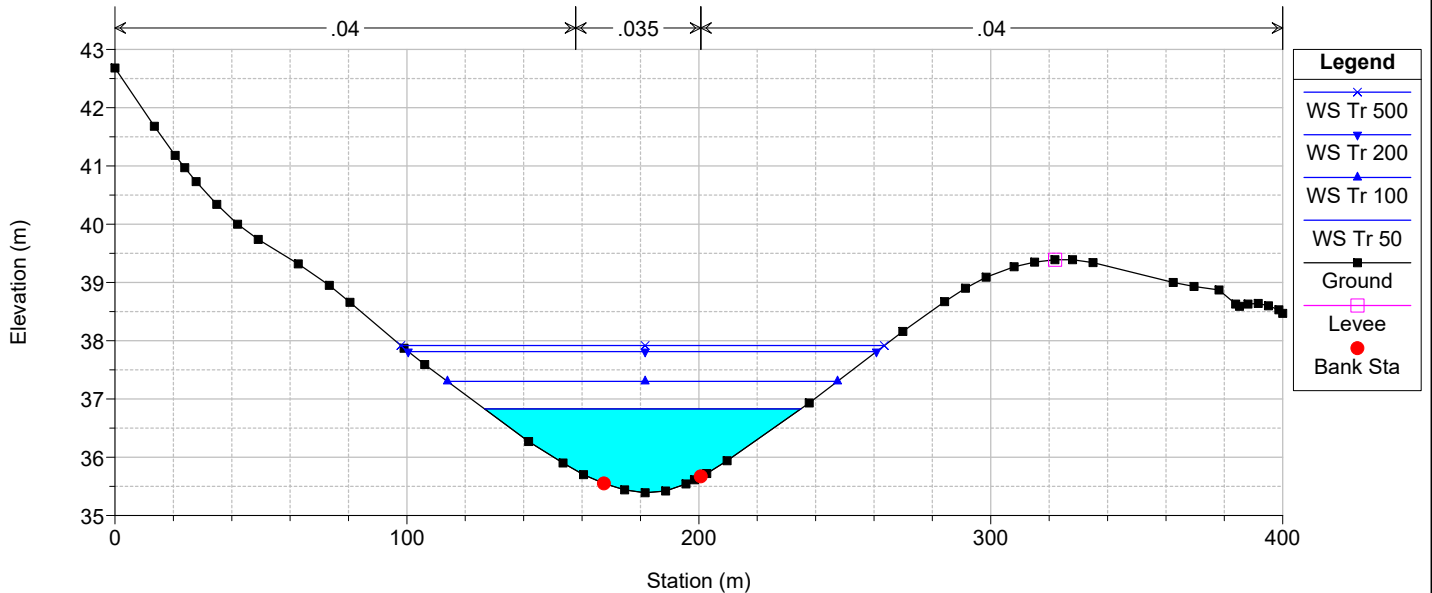
River = 84216 Reach = AffluenteDx RS = 686.2240 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

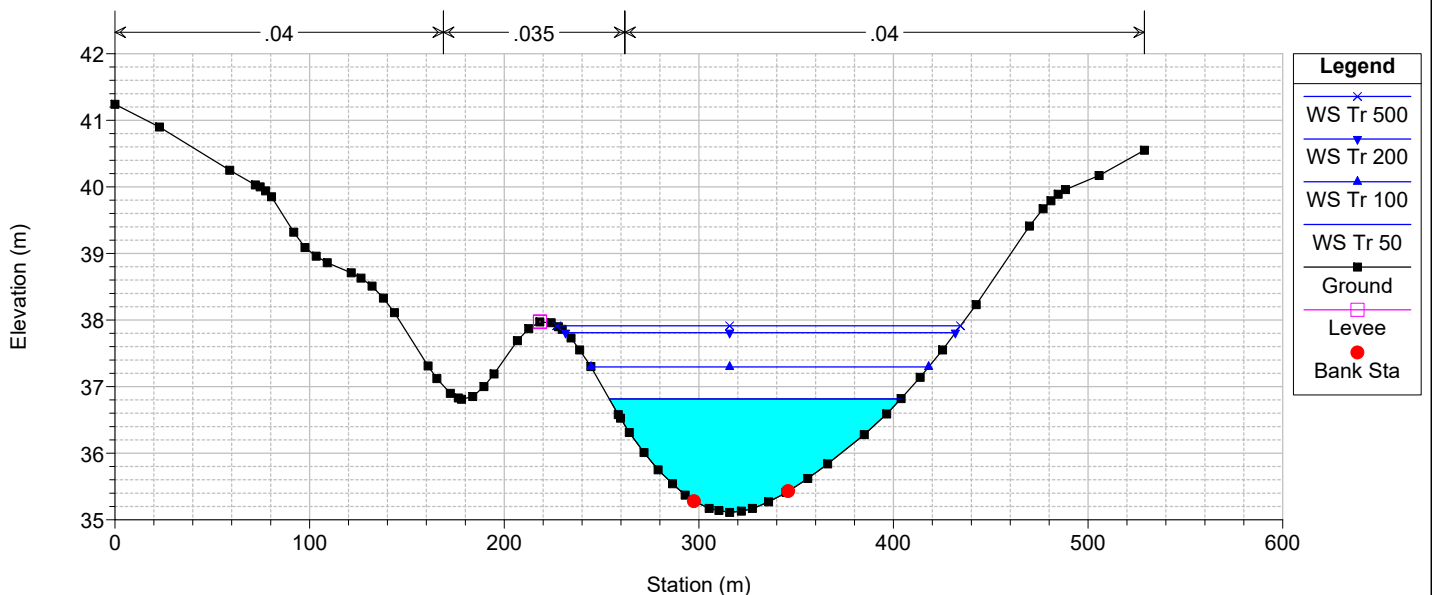
River = 84216 Reach = AffluenteDx RS = 600 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

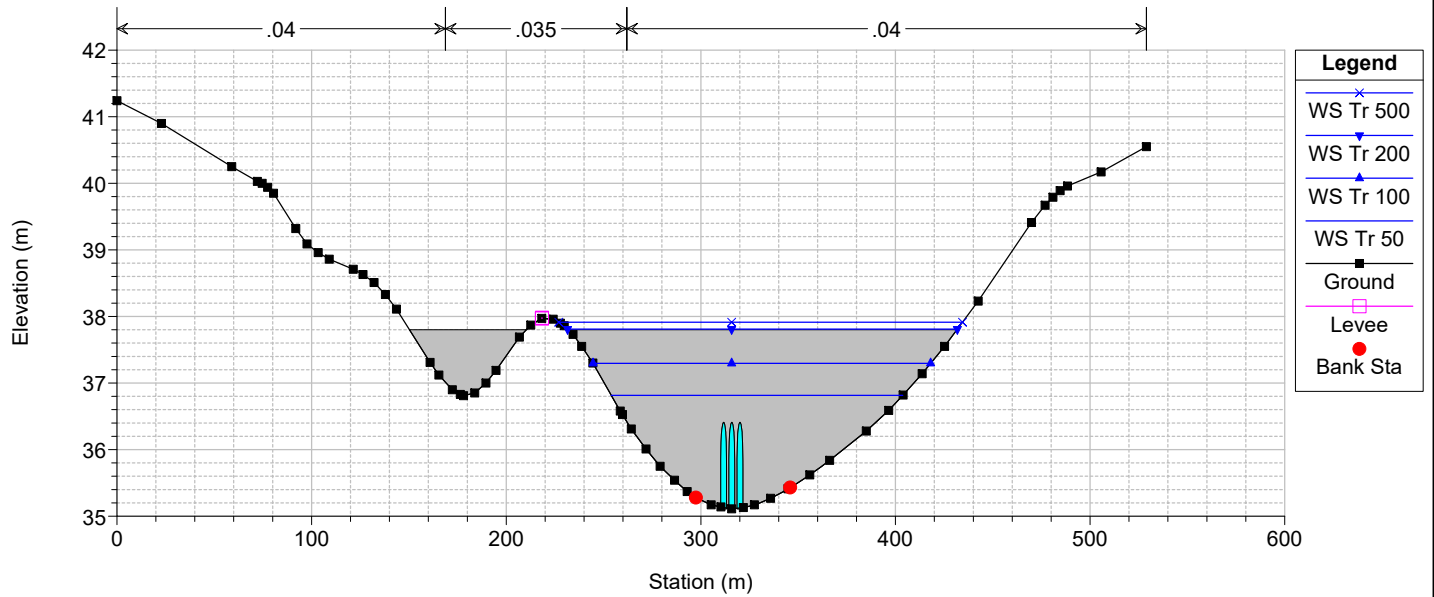
River = 84216 Reach = AffluenteDx RS = 439.3882 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

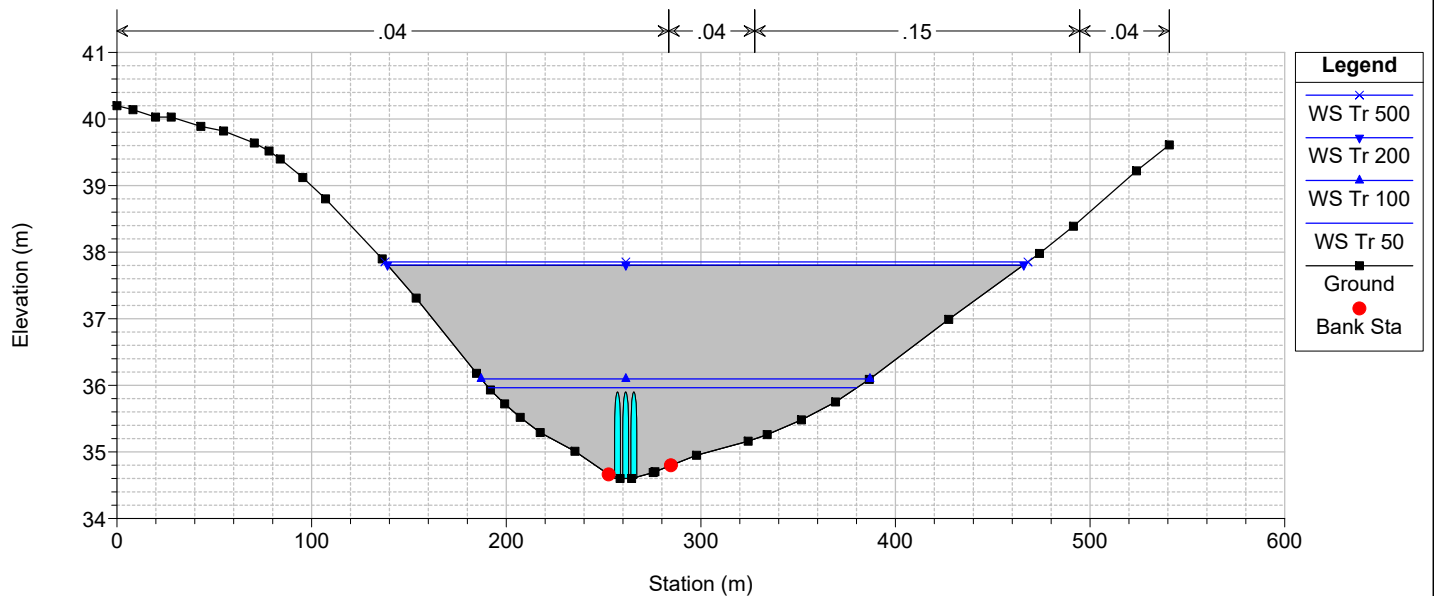
River = 84216 Reach = AffluenteDx RS = 410.3303 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

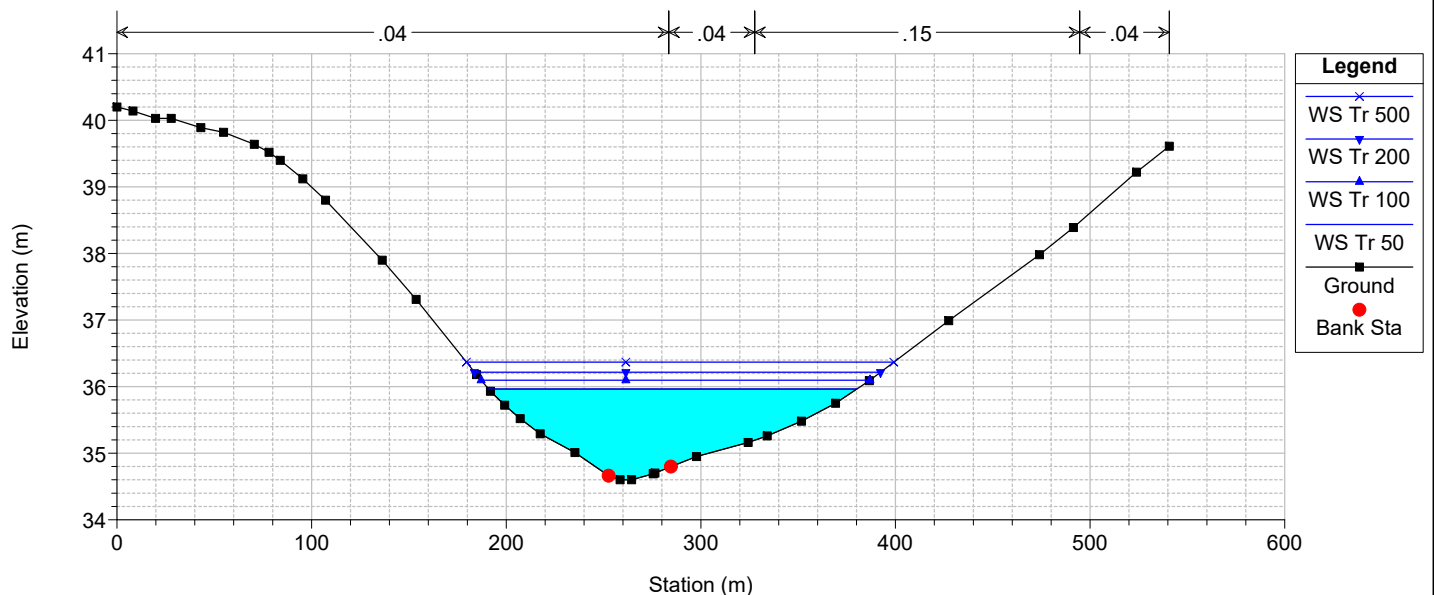
River = 84216 Reach = AffluenteDx RS = 410.3303 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

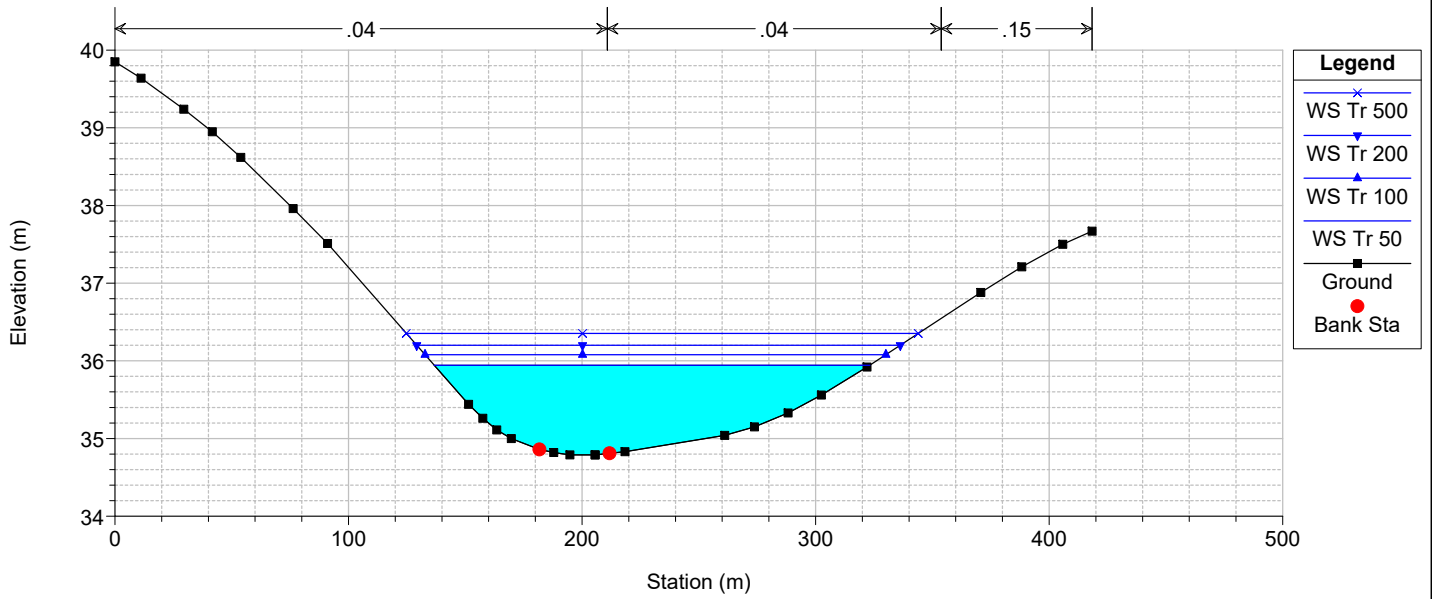
River = 84216 Reach = AffluenteDx RS = 371.7265 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

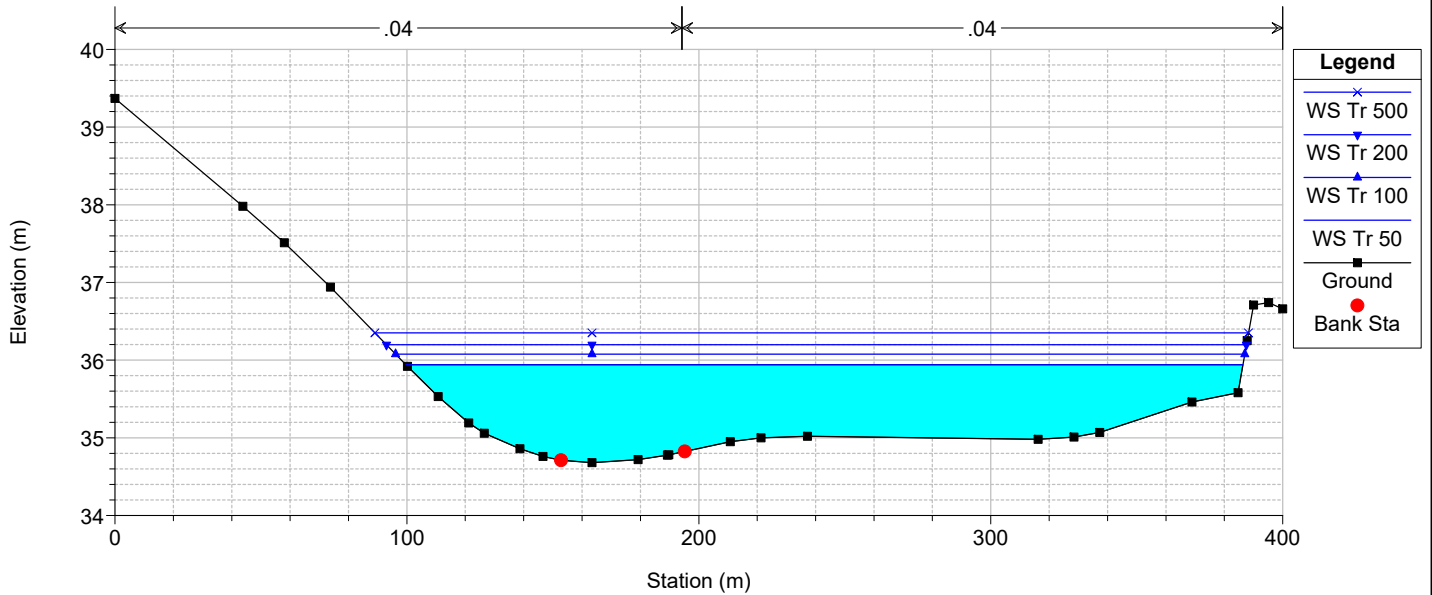
River = 84216 Reach = AffluenteDx RS = 234.3095 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

River = 84216 Reach = AffluenteDx RS = 162.7029 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

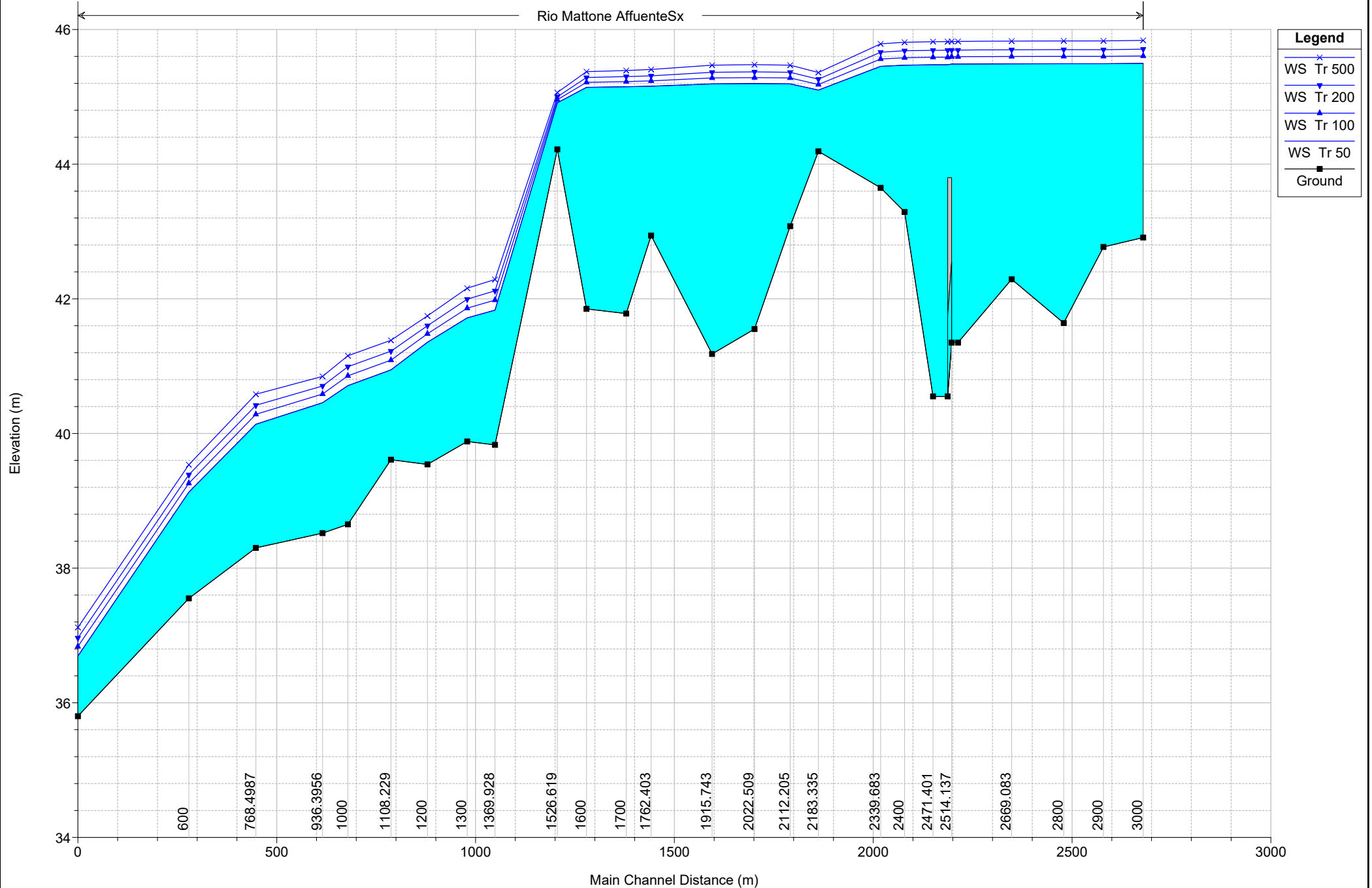


Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
AffluenteDx	1400	Tr 50	38.21	37.56	38.56	38.08	38.57	0.000426	0.48	112.59	227.08	0.16
AffluenteDx	1400	Tr 100	45.27	37.56	38.76	38.13	38.76	0.000210	0.39	157.40	231.54	0.12
AffluenteDx	1400	Tr 200	52.38	37.56	38.99	38.17	38.99	0.000112	0.32	211.09	237.84	0.09
AffluenteDx	1400	Tr 500	61.83	37.56	39.19	38.20	39.19	0.000081	0.30	258.85	242.05	0.08
AffluenteDx	1300	Tr 50	38.21	36.62	38.56		38.56	0.000015	0.15	341.15	281.59	0.03
AffluenteDx	1300	Tr 100	45.27	36.62	38.76		38.76	0.000013	0.15	396.80	287.11	0.03
AffluenteDx	1300	Tr 200	52.38	36.62	38.99		38.99	0.000011	0.14	462.78	289.45	0.03
AffluenteDx	1300	Tr 500	61.83	36.62	39.19		39.19	0.000011	0.15	520.78	296.83	0.03
AffluenteDx	1171	Tr 50	38.21	35.59	38.56		38.56	0.001084	0.07	759.80	440.89	0.01
AffluenteDx	1171	Tr 100	45.27	35.59	38.75		38.75	0.001150	0.07	848.17	459.70	0.01
AffluenteDx	1171	Tr 200	52.38	35.59	38.98		38.98	0.001079	0.07	955.29	472.37	0.01
AffluenteDx	1171	Tr 500	61.83	35.59	39.18		39.18	0.001131	0.08	1050.41	482.74	0.01
AffluenteDx	1047	Tr 50	38.21	35.59	38.39		38.39	0.001713	0.08	623.06	355.94	0.02
AffluenteDx	1047	Tr 100	45.27	35.59	38.58		38.58	0.001828	0.08	690.36	372.83	0.02
AffluenteDx	1047	Tr 200	52.38	35.59	38.81		38.81	0.001908	0.09	782.07	421.89	0.02
AffluenteDx	1047	Tr 500	61.83	35.59	39.00		39.00	0.002039	0.10	864.18	443.73	0.02
AffluenteDx	929	Tr 50	38.21	35.75	38.14	36.32	38.14	0.002727	0.09	532.96	340.80	0.02
AffluenteDx	929	Tr 100	45.27	35.75	38.31	36.35	38.31	0.002763	0.09	592.67	346.87	0.02
AffluenteDx	929	Tr 200	52.38	35.75	38.55	36.40	38.55	0.002498	0.09	677.41	362.28	0.02
AffluenteDx	929	Tr 500	61.83	35.75	38.72	36.44	38.72	0.002674	0.10	740.08	370.58	0.02
AffluenteDx	797	Tr 50	38.21	35.48	37.27	36.46	37.27	0.032167	0.24	198.46	181.82	0.06
AffluenteDx	797	Tr 100	45.27	35.48	37.47	36.53	37.47	0.026790	0.24	235.68	188.44	0.06
AffluenteDx	797	Tr 200	52.38	35.48	37.88	36.53	37.88	0.014957	0.20	317.26	206.36	0.04
AffluenteDx	797	Tr 500	61.83	35.48	38.00	36.53	38.00	0.016829	0.22	340.79	209.82	0.05
AffluenteDx	686.2240	Tr 50	38.21	35.54	36.85	36.31	36.89	0.001240	0.99	48.30	63.98	0.29
AffluenteDx	686.2240	Tr 100	45.27	35.54	37.31	36.37	37.32	0.000419	0.72	81.47	80.14	0.18
AffluenteDx	686.2240	Tr 200	52.38	35.54	37.81	36.43	37.82	0.000165	0.54	126.52	97.19	0.12
AffluenteDx	686.2240	Tr 500	61.83	35.54	37.92	36.50	37.93	0.000185	0.59	136.80	100.56	0.12
AffluenteDx	600	Tr 50	38.21	35.39	36.83	35.96	36.84	0.000217	0.52	94.18	108.34	0.14
AffluenteDx	600	Tr 100	45.27	35.39	37.30	36.01	37.31	0.000087	0.40	151.31	133.61	0.09
AffluenteDx	600	Tr 200	52.38	35.39	37.81	36.06	37.82	0.000040	0.32	226.51	160.38	0.07
AffluenteDx	600	Tr 500	61.83	35.39	37.92	36.11	37.92	0.000046	0.35	243.45	165.64	0.07
AffluenteDx	439.3882	Tr 50	38.21	35.11	36.82	35.60	36.82	0.000071	0.29	159.89	149.78	0.07
AffluenteDx	439.3882	Tr 100	45.27	35.11	37.30	35.65	37.30	0.000032	0.23	237.54	173.49	0.05
AffluenteDx	439.3882	Tr 200	52.38	35.11	37.81	35.69	37.81	0.000017	0.19	333.48	200.28	0.04
AffluenteDx	439.3882	Tr 500	61.83	35.11	37.91	35.74	37.92	0.000020	0.22	354.56	207.48	0.04
AffluenteDx	410.3303		Culvert									
AffluenteDx	371.7265	Tr 50	38.21	34.60	35.96		35.97	0.000144	0.36	148.72	189.18	0.10
AffluenteDx	371.7265	Tr 100	45.27	34.60	36.10		36.10	0.000132	0.37	174.69	199.82	0.10
AffluenteDx	371.7265	Tr 200	52.38	34.60	36.22		36.22	0.000125	0.37	199.15	208.65	0.10
AffluenteDx	371.7265	Tr 500	61.83	34.60	36.37		36.37	0.000117	0.39	231.44	219.62	0.09
AffluenteDx	234.3095	Tr 50	38.21	34.79	35.94		35.95	0.000144	0.33	146.32	186.50	0.10
AffluenteDx	234.3095	Tr 100	45.27	34.79	36.08		36.08	0.000127	0.33	172.35	197.34	0.09
AffluenteDx	234.3095	Tr 200	52.38	34.79	36.20		36.20	0.000116	0.34	196.82	207.01	0.09
AffluenteDx	234.3095	Tr 500	61.83	34.79	36.35		36.36	0.000105	0.34	229.24	219.17	0.09
AffluenteDx	162.7029	Tr 50	38.21	34.68	35.94		35.94	0.000040	0.18	256.13	286.70	0.05
AffluenteDx	162.7029	Tr 100	45.27	34.68	36.08		36.08	0.000036	0.18	295.46	290.85	0.05
AffluenteDx	162.7029	Tr 200	52.38	34.68	36.20		36.20	0.000034	0.19	330.99	294.56	0.05
AffluenteDx	162.7029	Tr 500	61.83	34.68	36.35		36.35	0.000031	0.19	376.25	299.23	0.05

21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

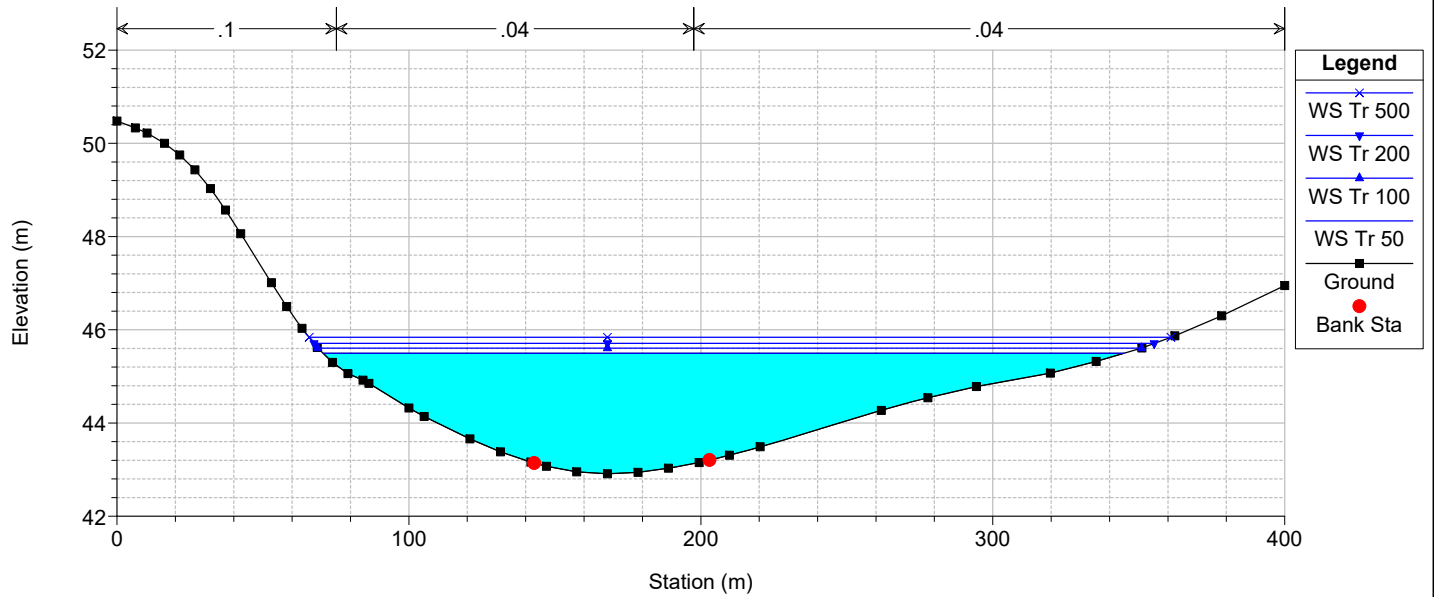
Rio Mattone AffluenteSx



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

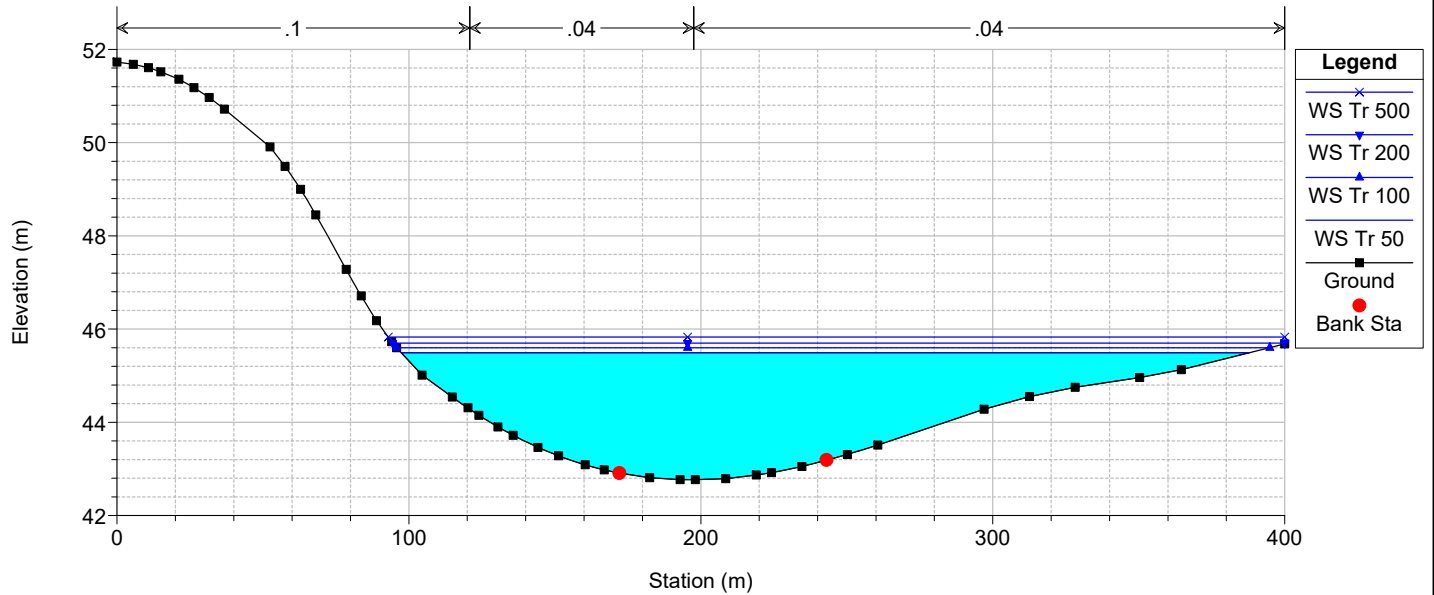
River = Rio Mattone Reach = AffuenteSx RS = 3000 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

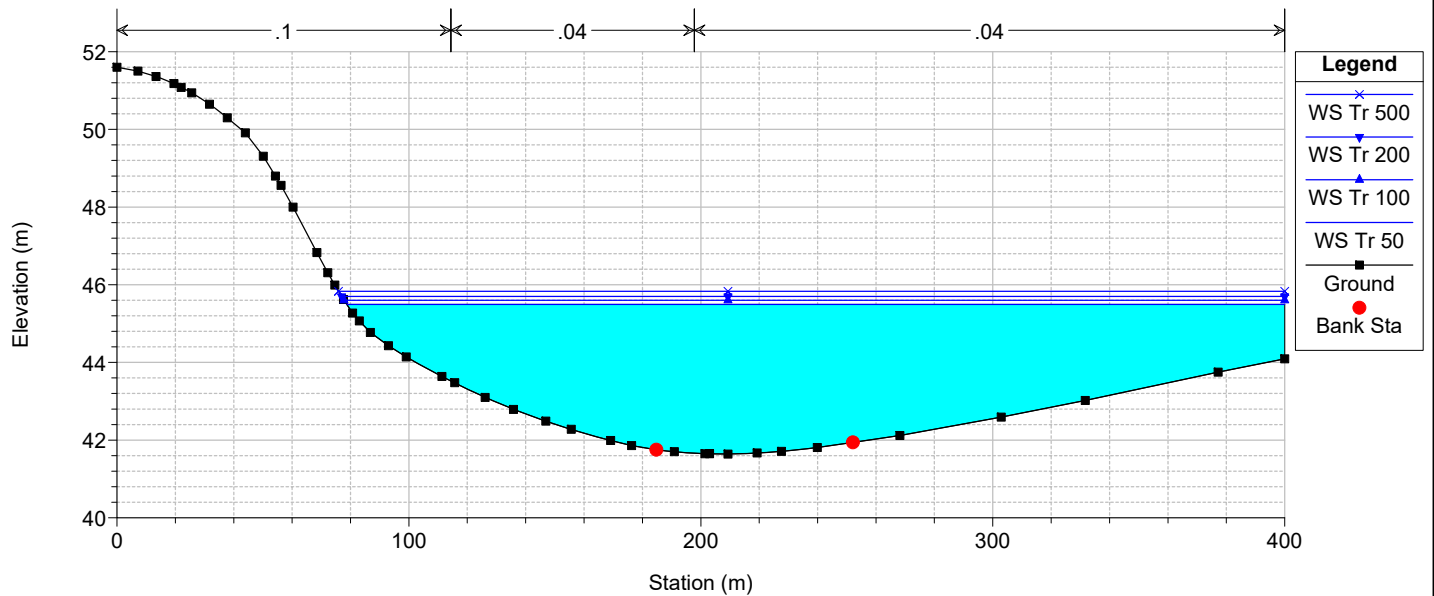
River = Rio Mattone Reach = AffuenteSx RS = 2900 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

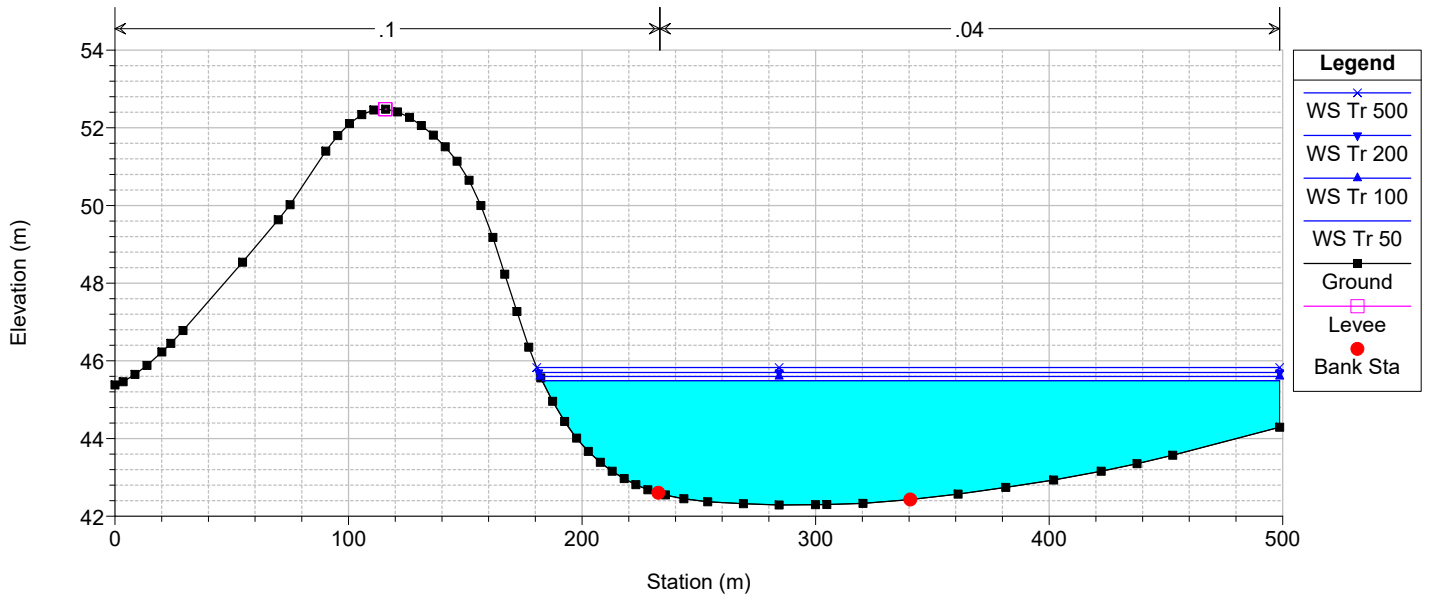
River = Rio Mattone Reach = AffuenteSx RS = 2800 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

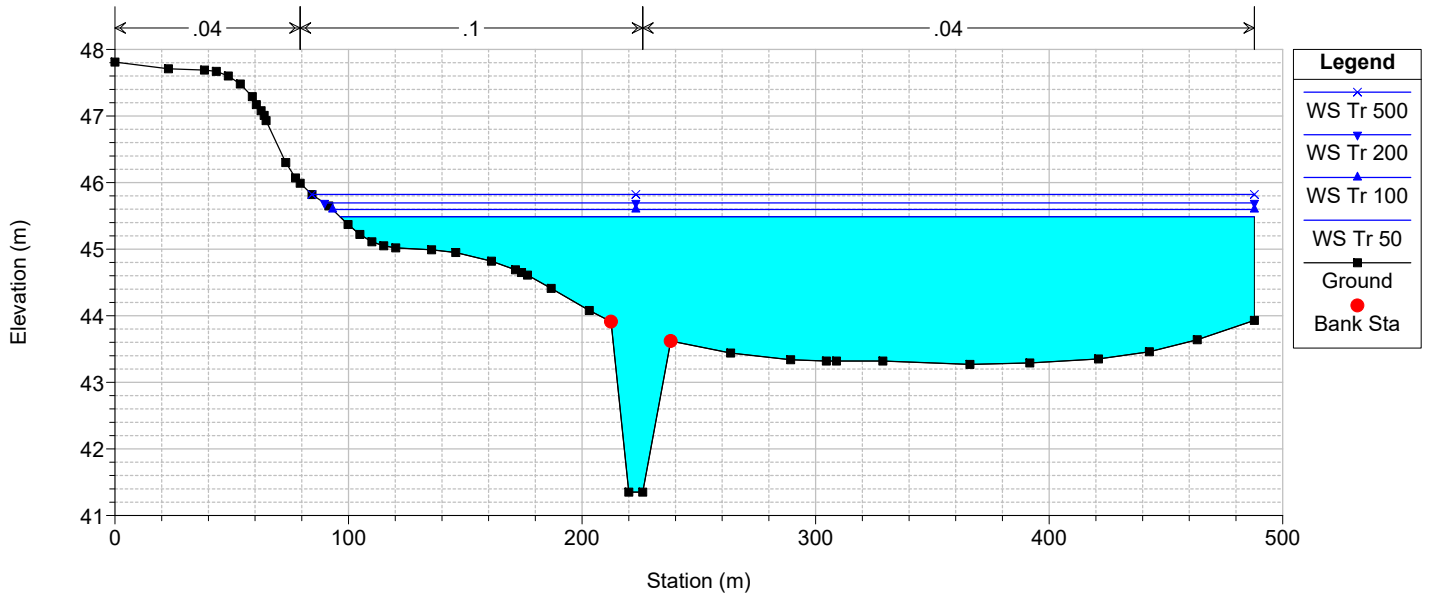
River = Rio Mattone Reach = AffuenteSx RS = 2669.083 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

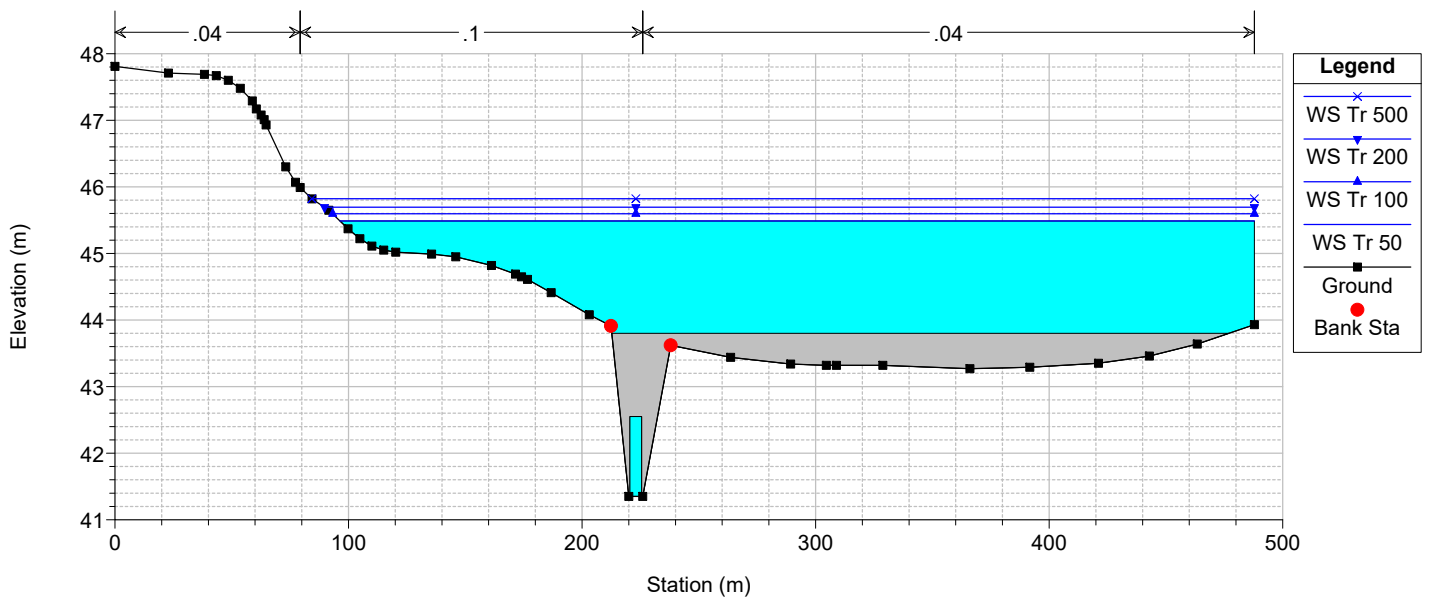
River = Rio Mattone Reach = AffuenteSx RS = 2534.219 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

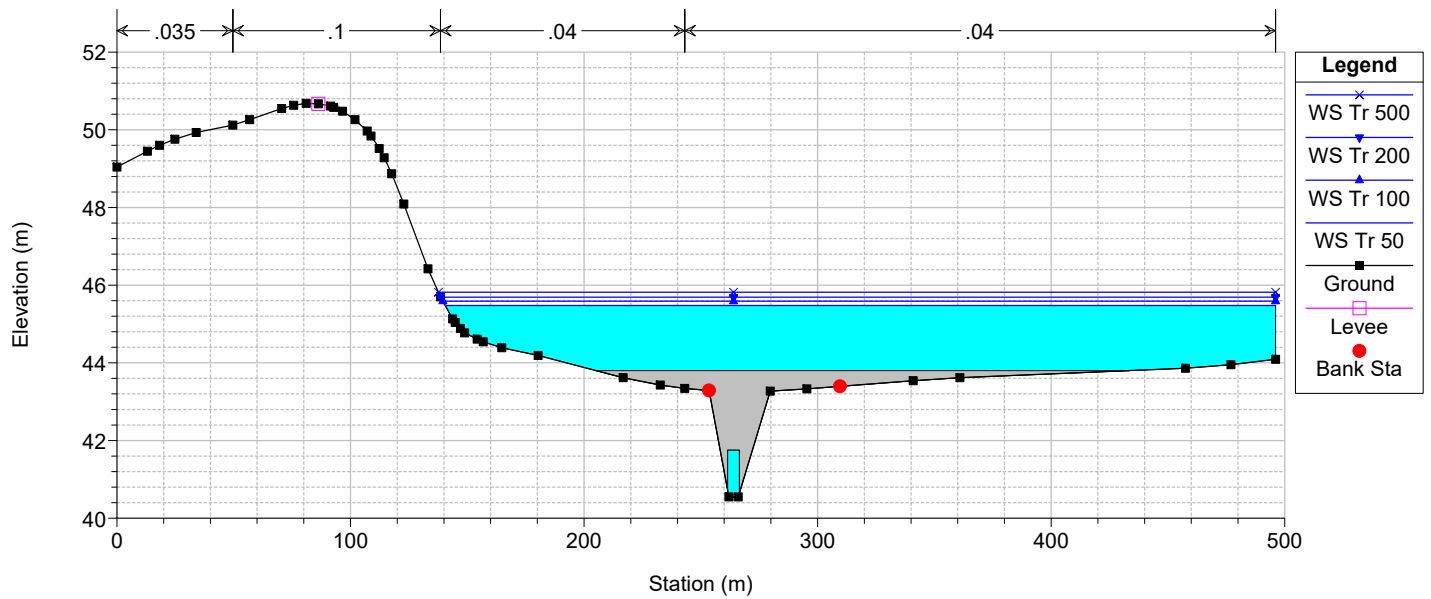
River = Rio Mattone Reach = AffuenteSx RS = 2514.137 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

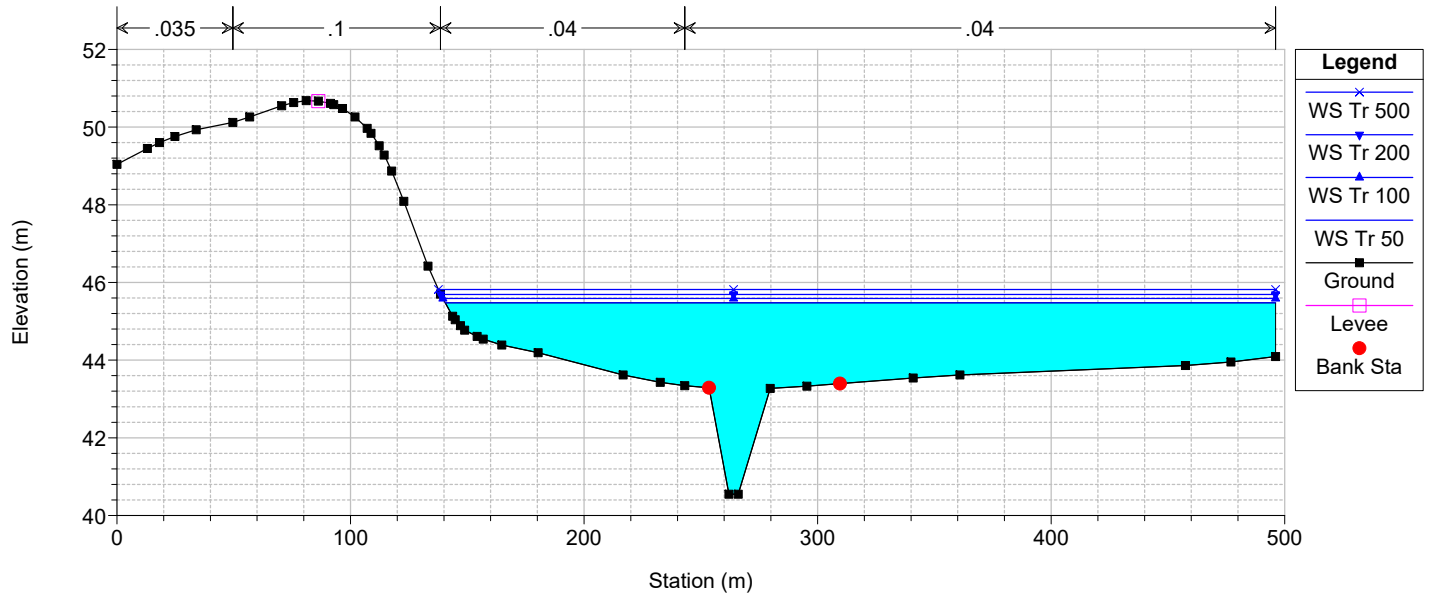
River = Rio Mattone Reach = AffuenteSx RS = 2514.137 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

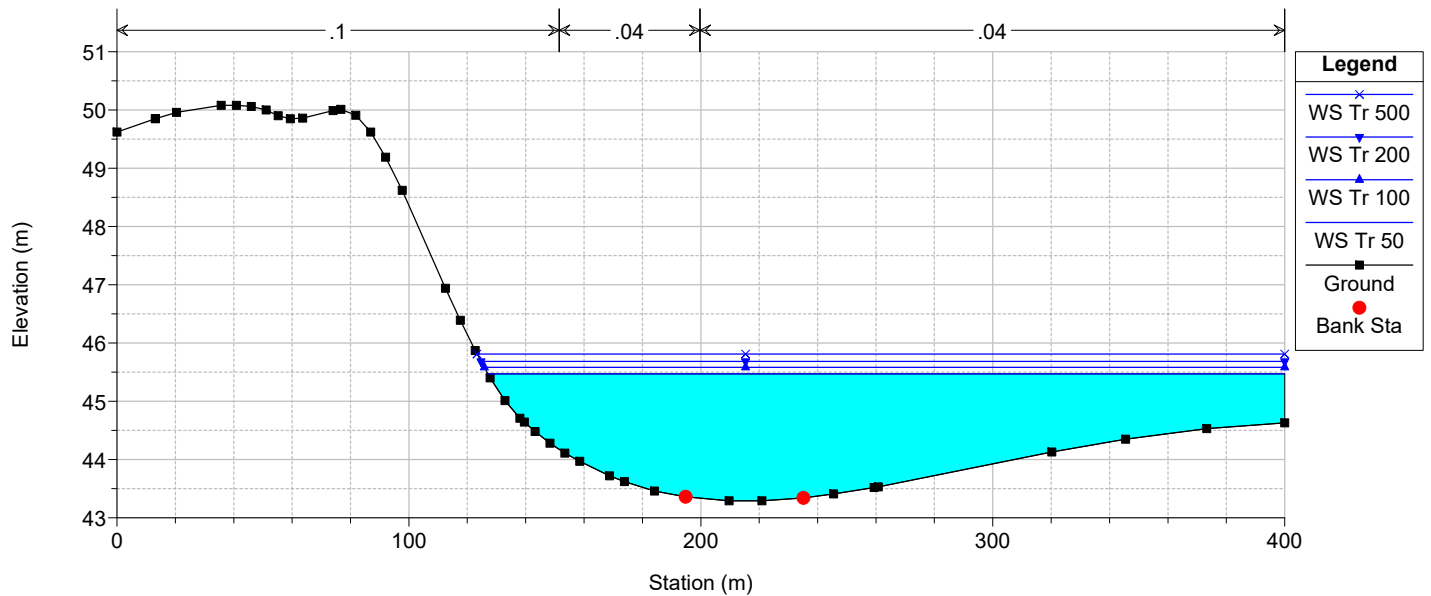
River = Rio Mattone Reach = AffuenteSx RS = 2471.401 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

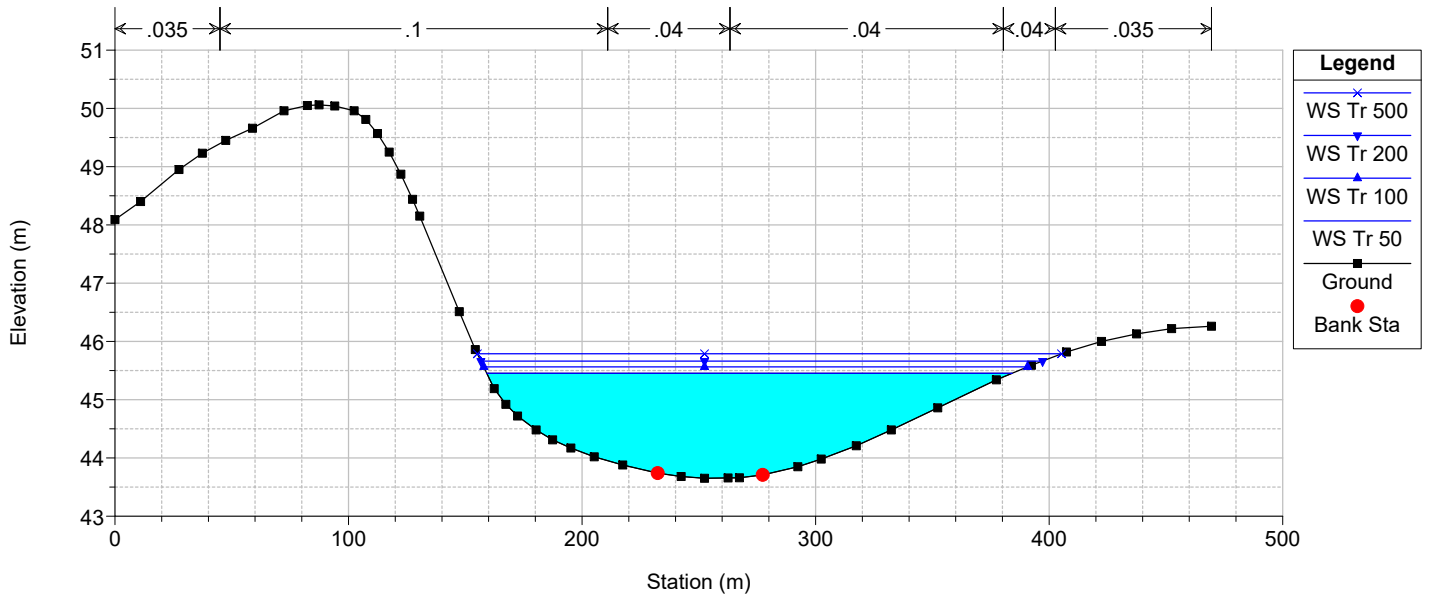
River = Rio Mattone Reach = AffuenteSx RS = 2400 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

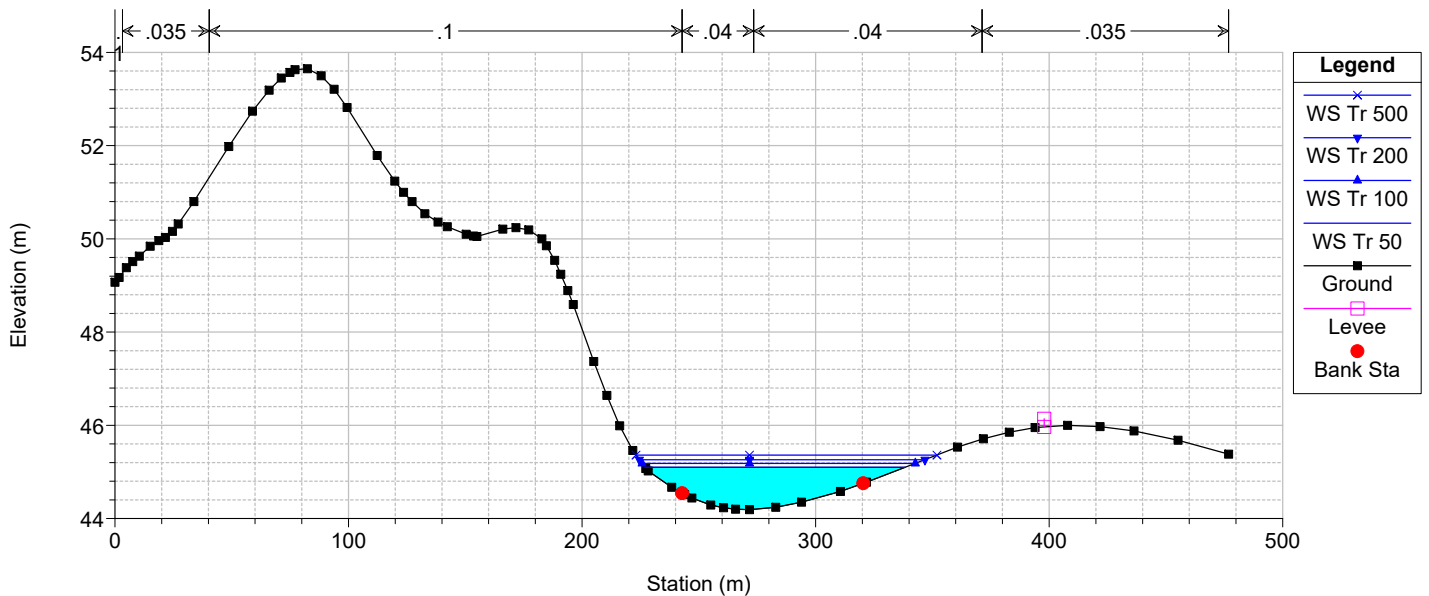
River = Rio Mattone Reach = AffuenteSx RS = 2339.683 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

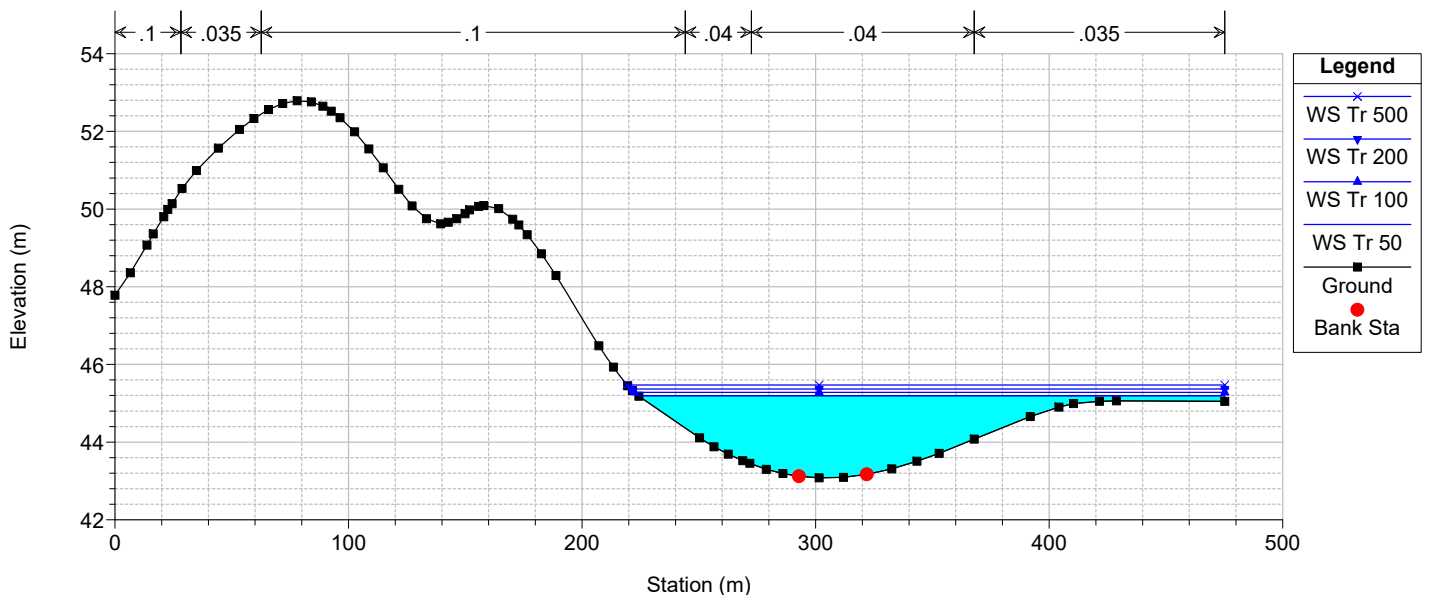
River = Rio Mattone Reach = AffuenteSx RS = 2183.335 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

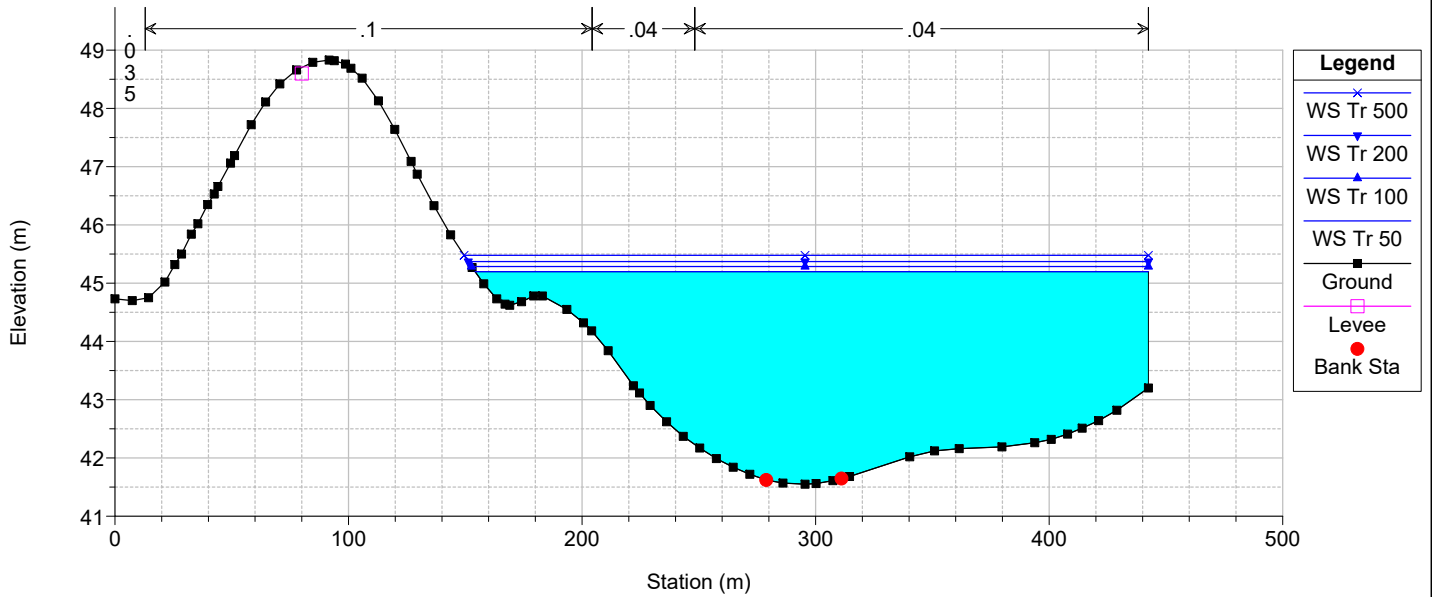
River = Rio Mattone Reach = AffuenteSx RS = 2112.205 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

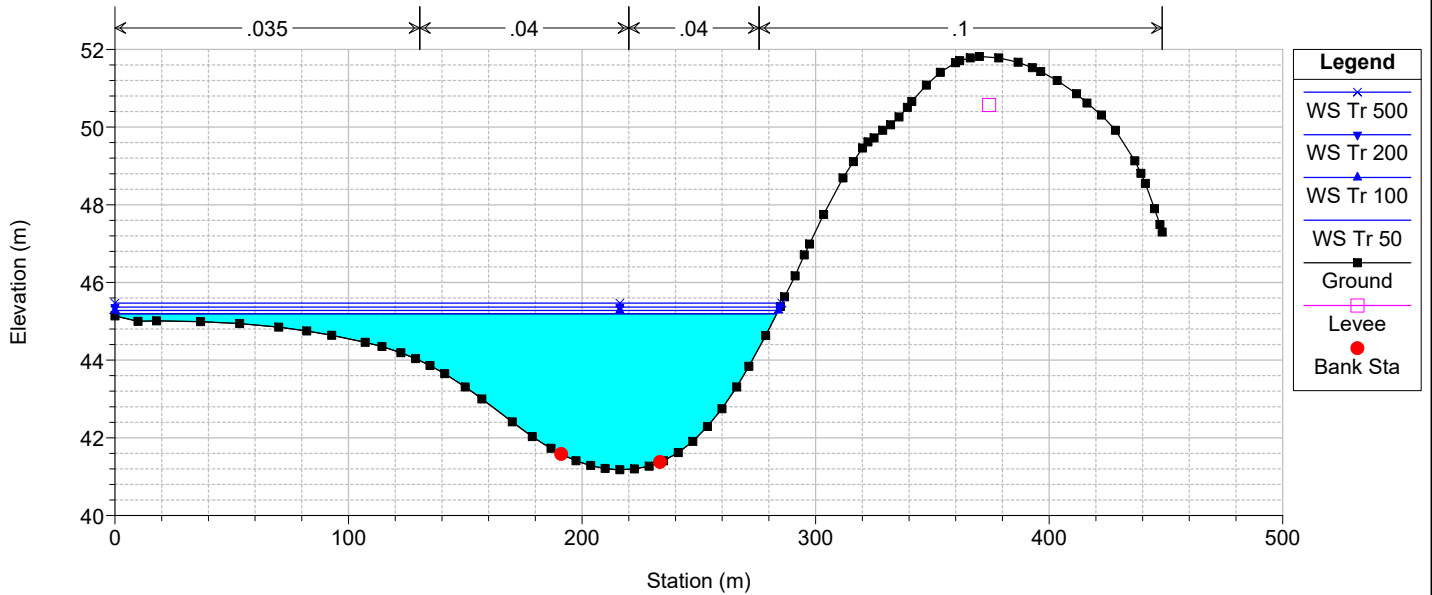
River = Rio Mattone Reach = AffuenteSx RS = 2022.509 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

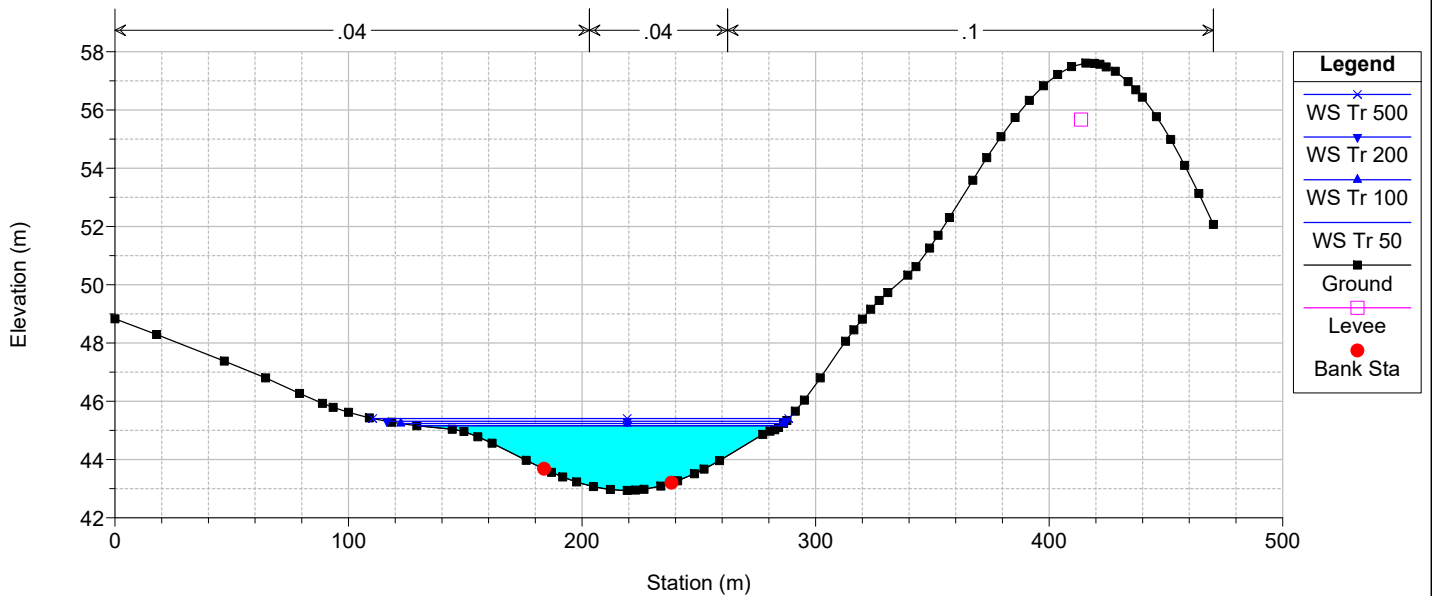
River = Rio Mattone Reach = AffuenteSx RS = 1915.743 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

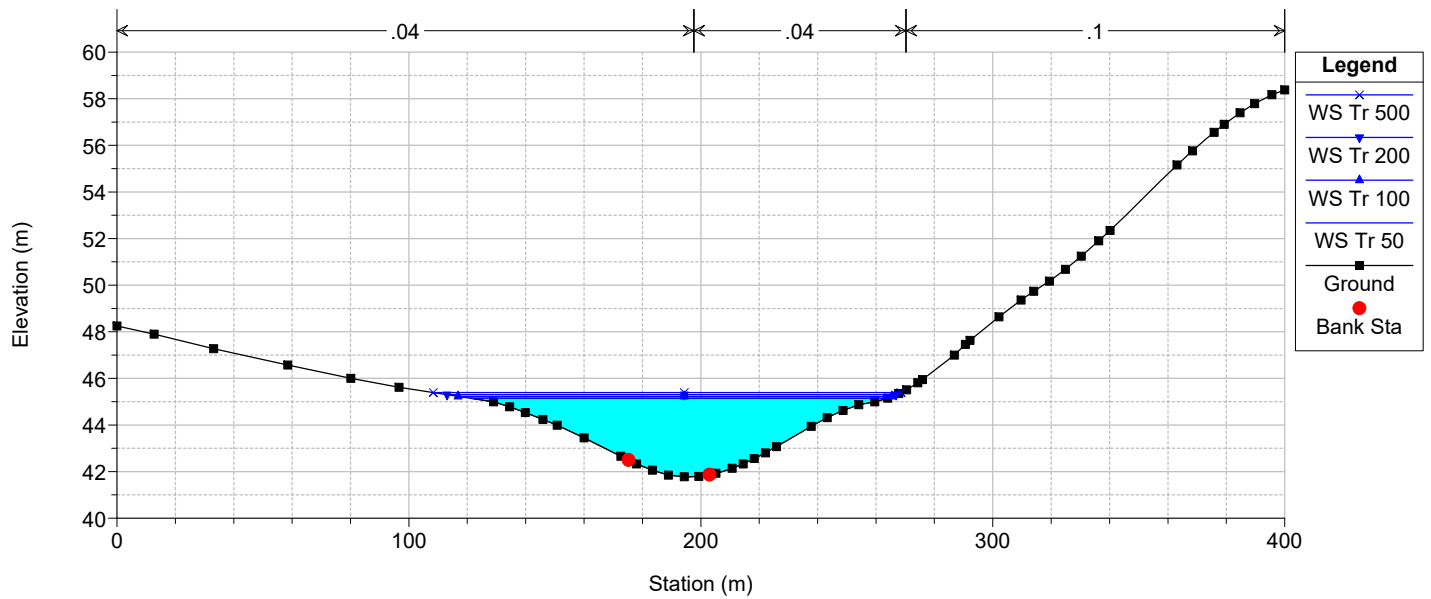
River = Rio Mattone Reach = AffuenteSx RS = 1762.403 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

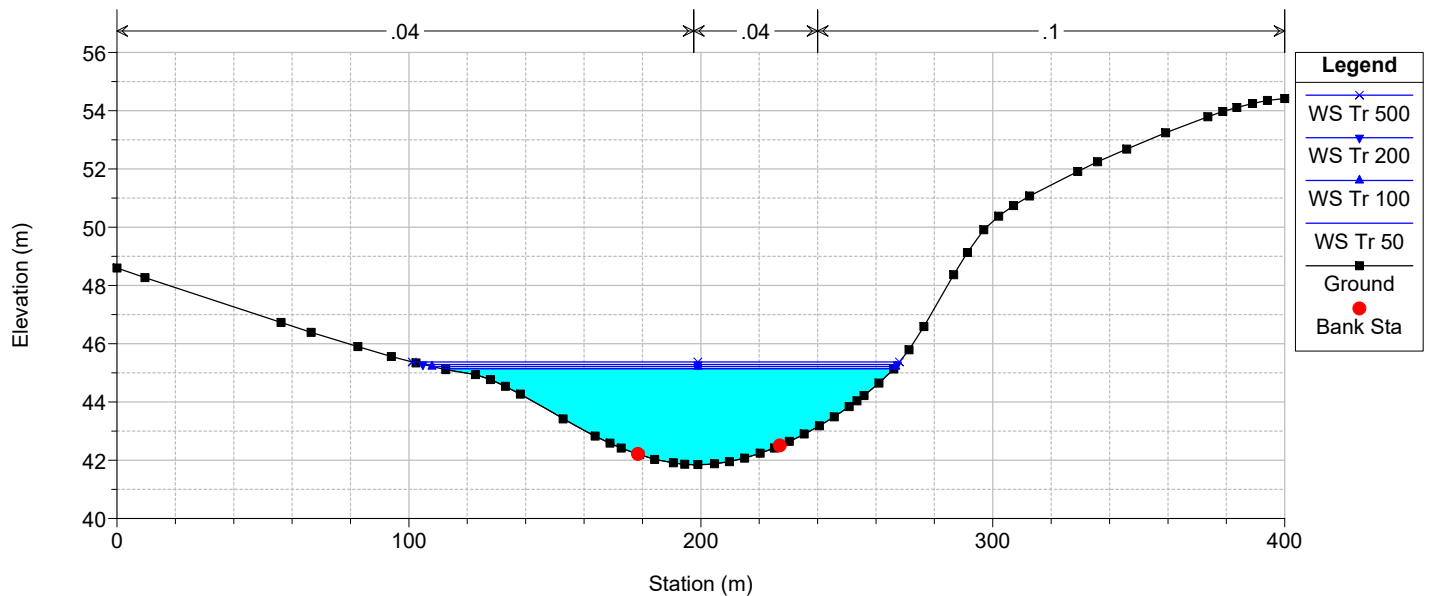
River = Rio Mattone Reach = AffuenteSx RS = 1700 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

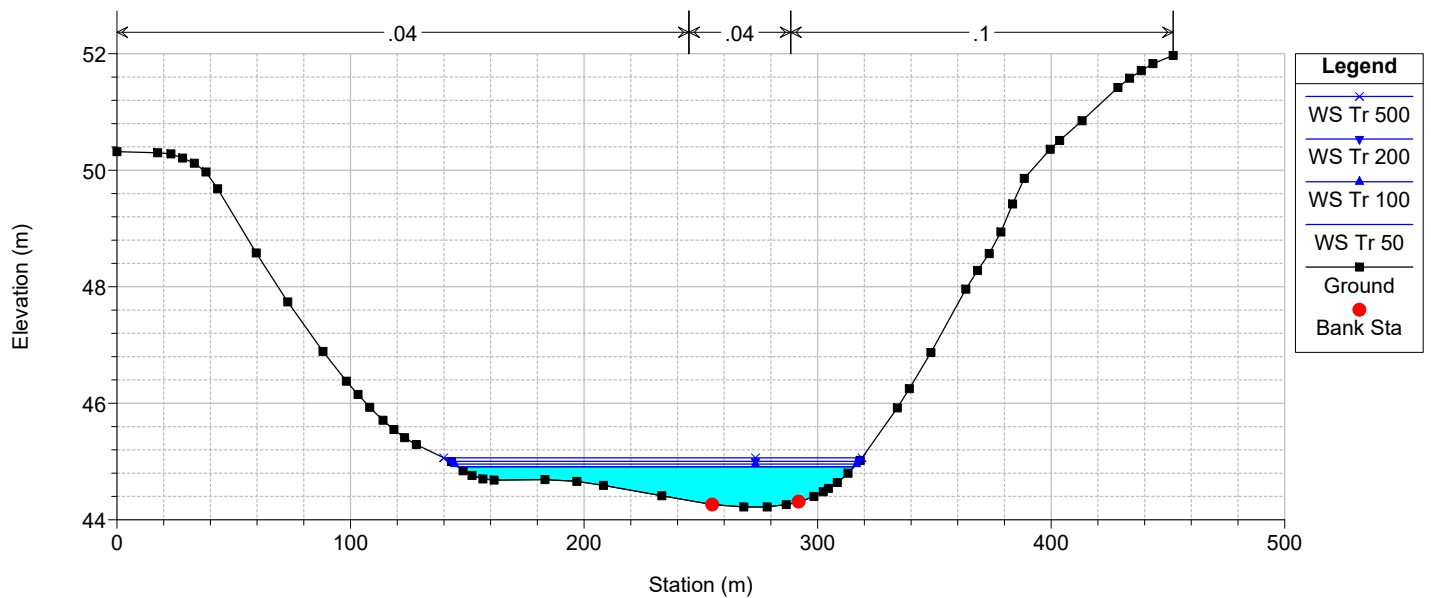
River = Rio Mattone Reach = AffuenteSx RS = 1600 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

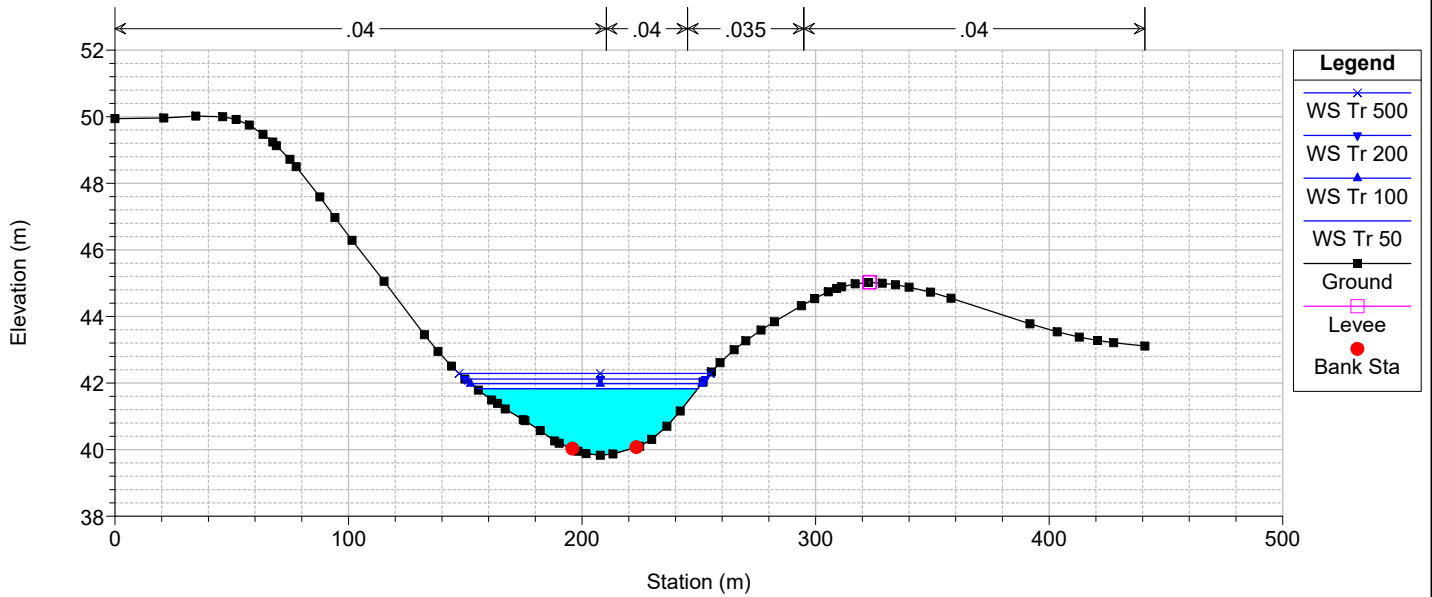
River = Rio Mattone Reach = AffuenteSx RS = 1526.619 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

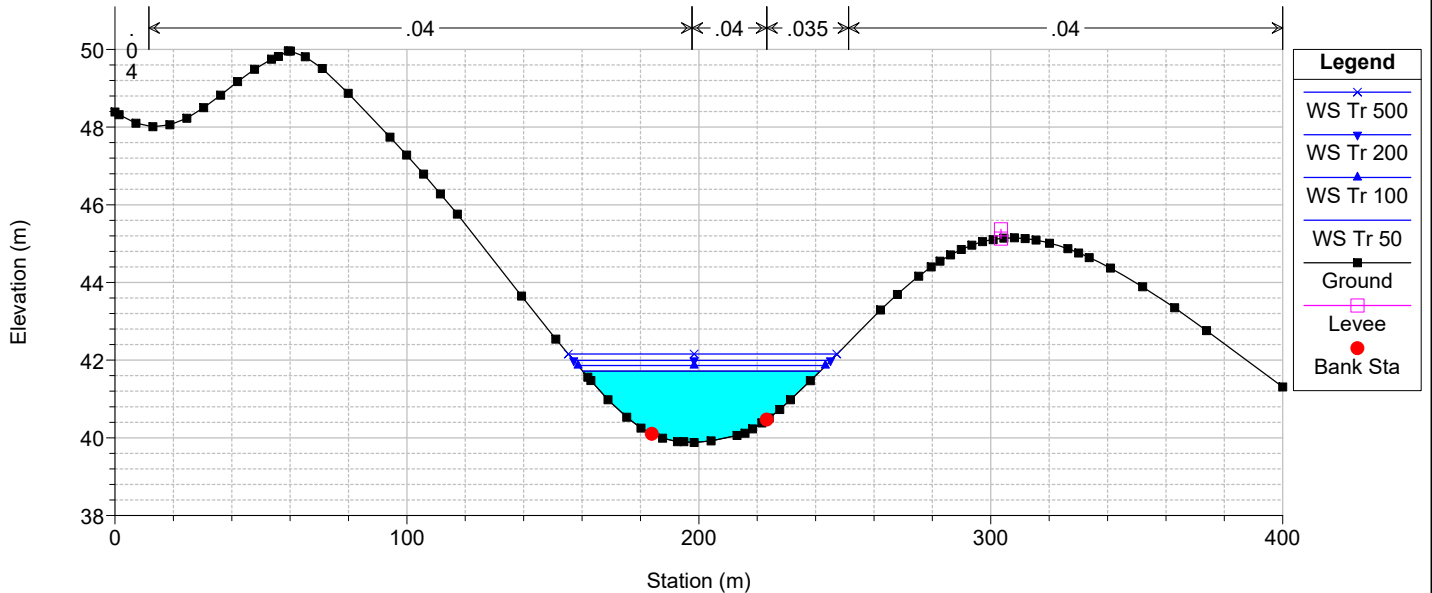
River = Rio Mattone Reach = AffuenteSx RS = 1369.928 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

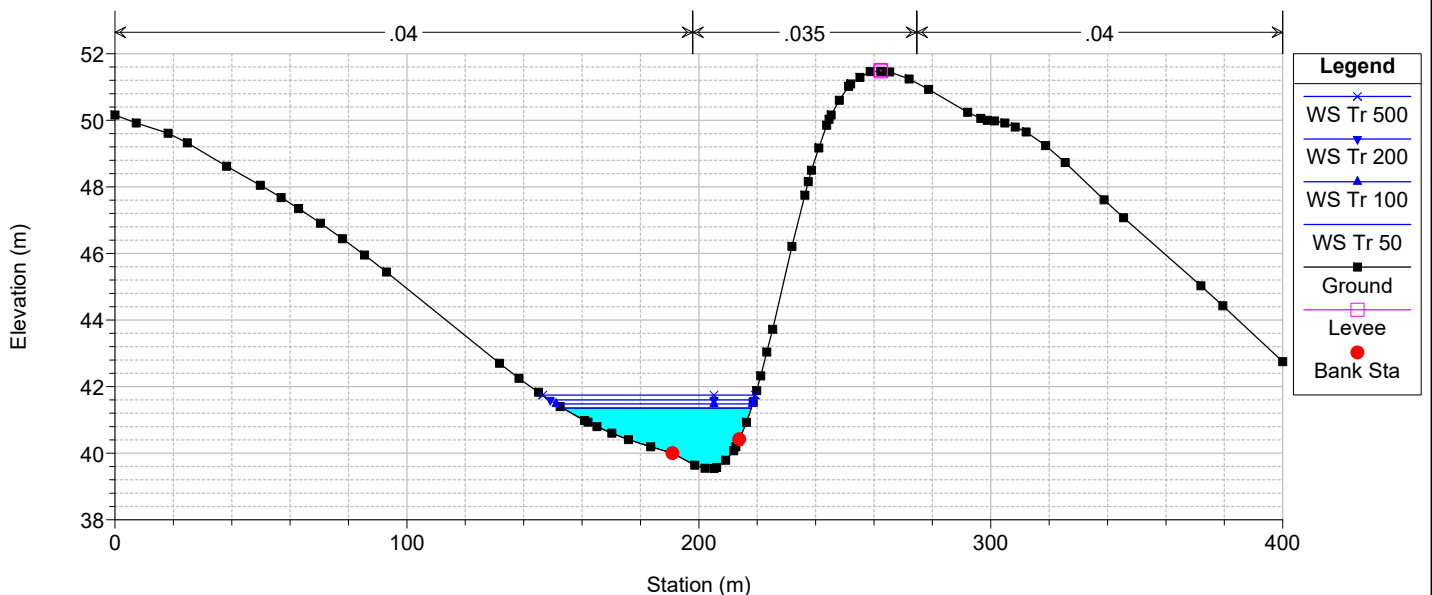
River = Rio Mattone Reach = AffuenteSx RS = 1300 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

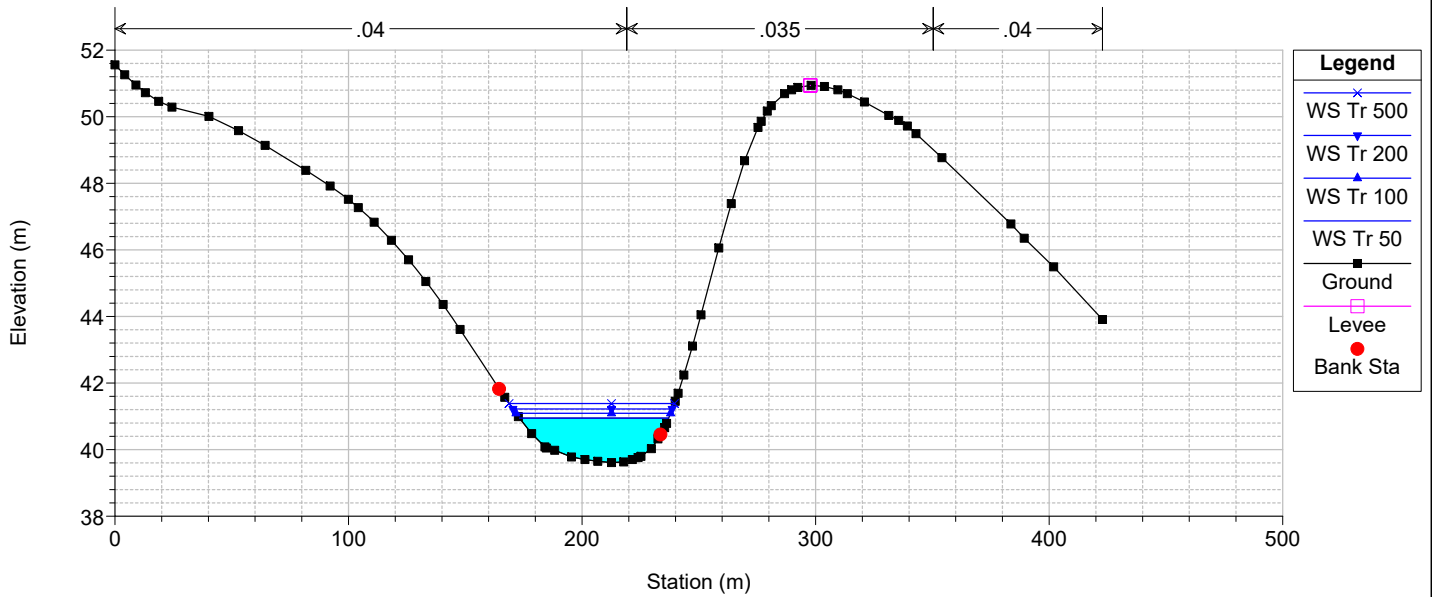
River = Rio Mattone Reach = AffuenteSx RS = 1200 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

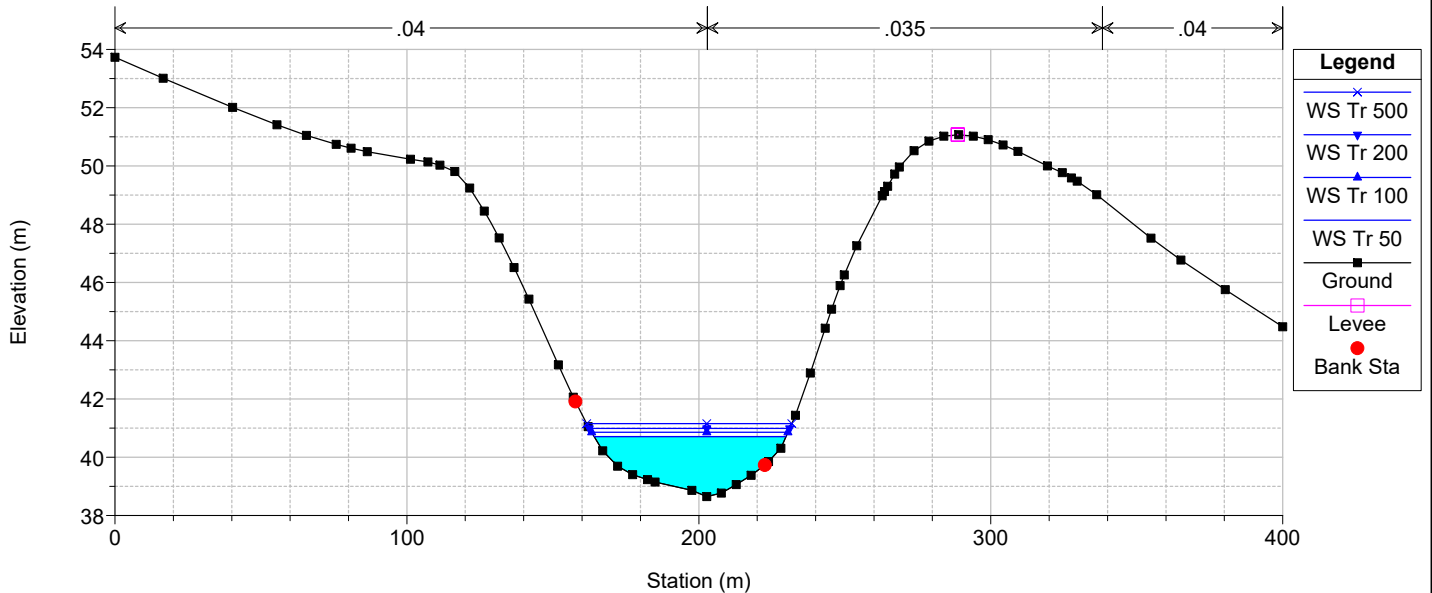
River = Rio Mattone Reach = AffuenteSx RS = 1108.229 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

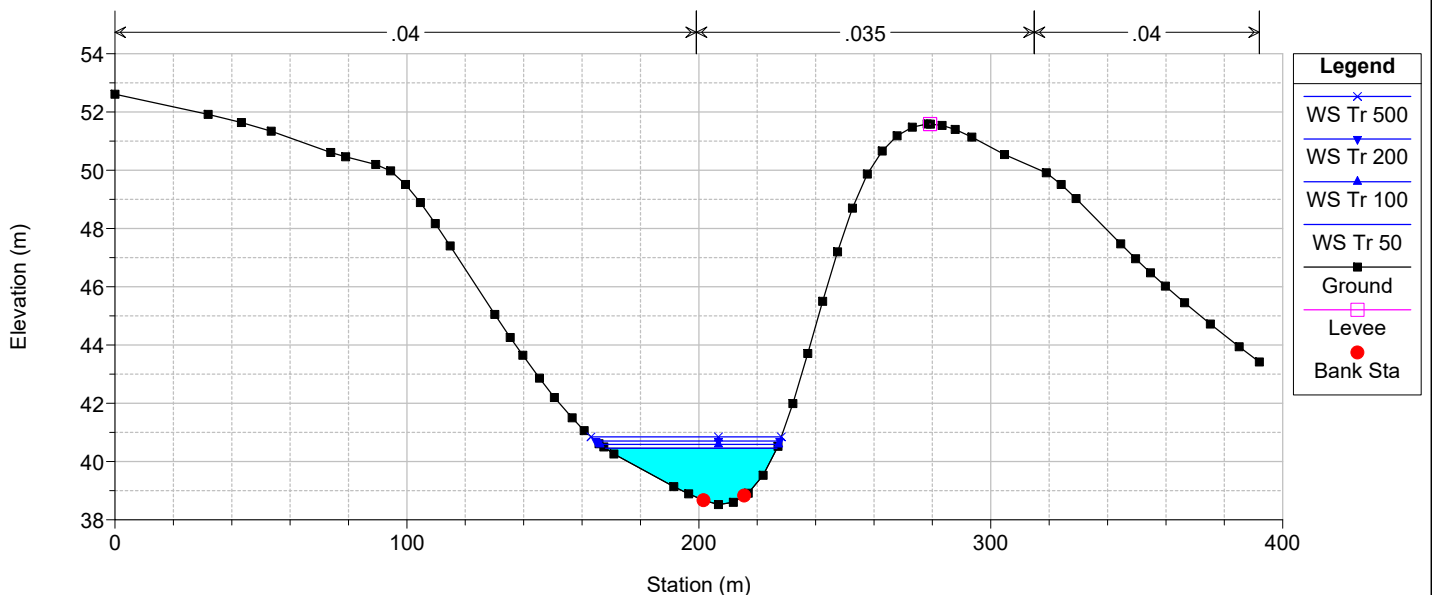
River = Rio Mattone Reach = AffuenteSx RS = 1000 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

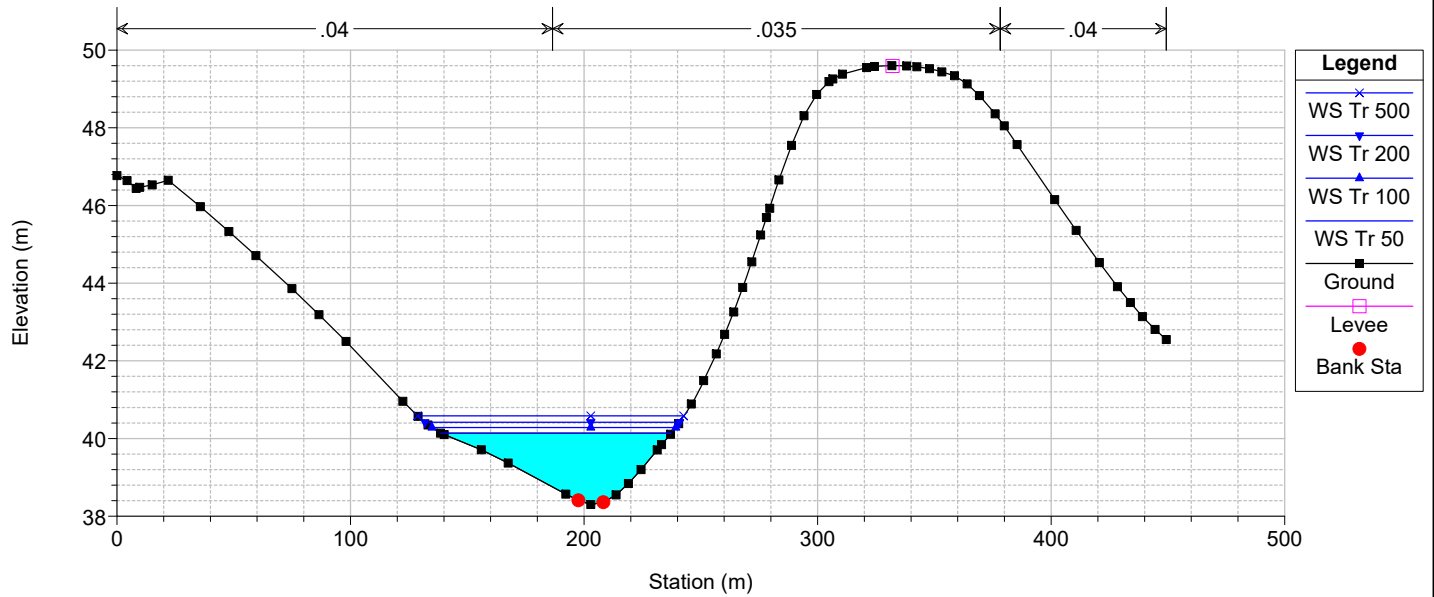
River = Rio Mattone Reach = AffuenteSx RS = 936.3956 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

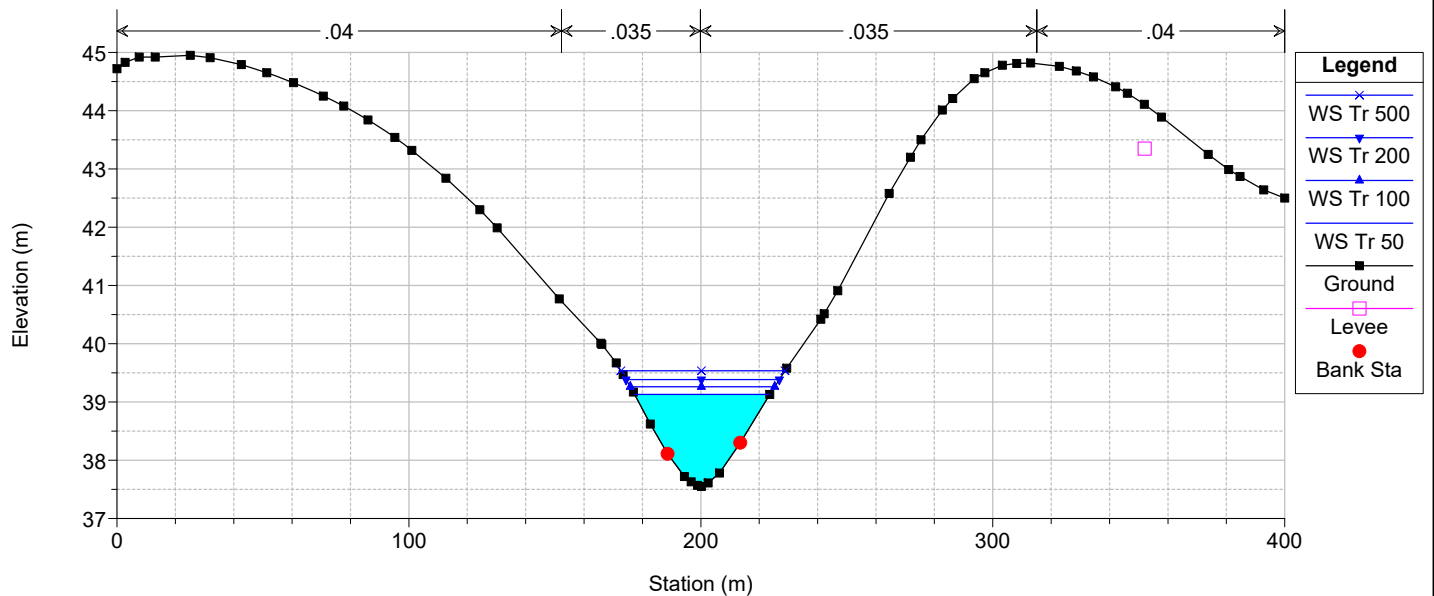
River = Rio Mattone Reach = AffuenteSx RS = 768.4987 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

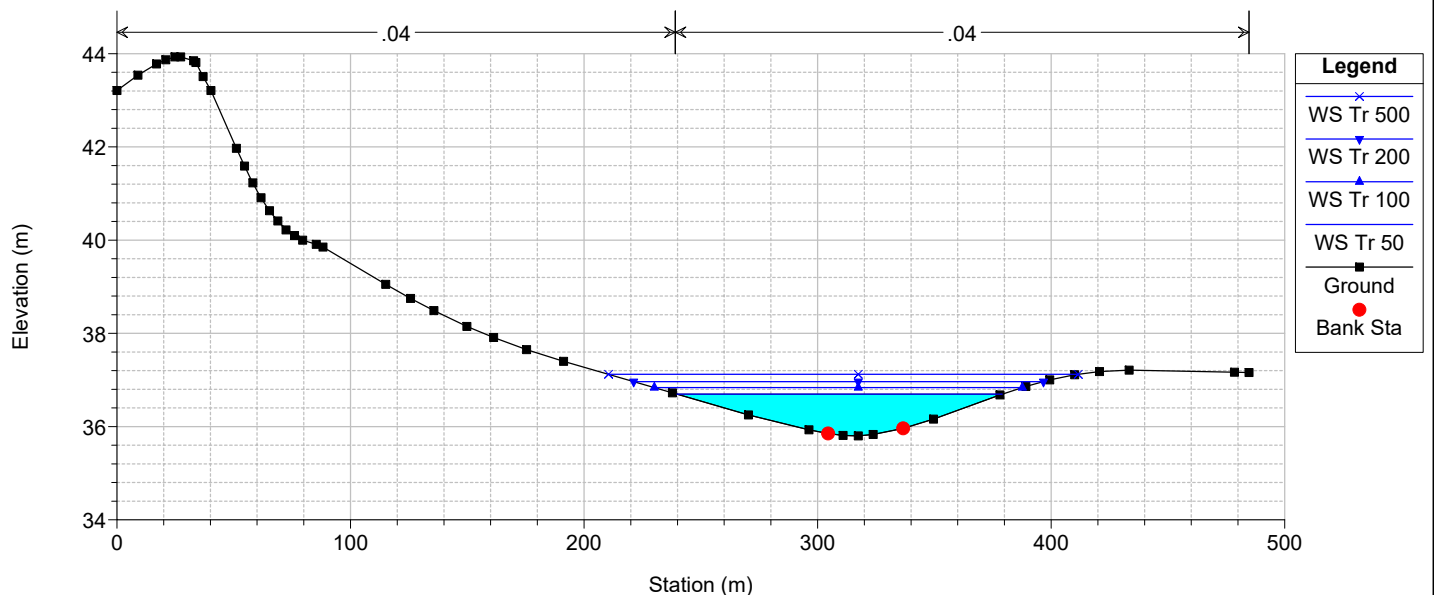
River = Rio Mattone Reach = AffuenteSx RS = 600 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

River = Rio Mattone Reach = AffuenteSx RS = 319.6842 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

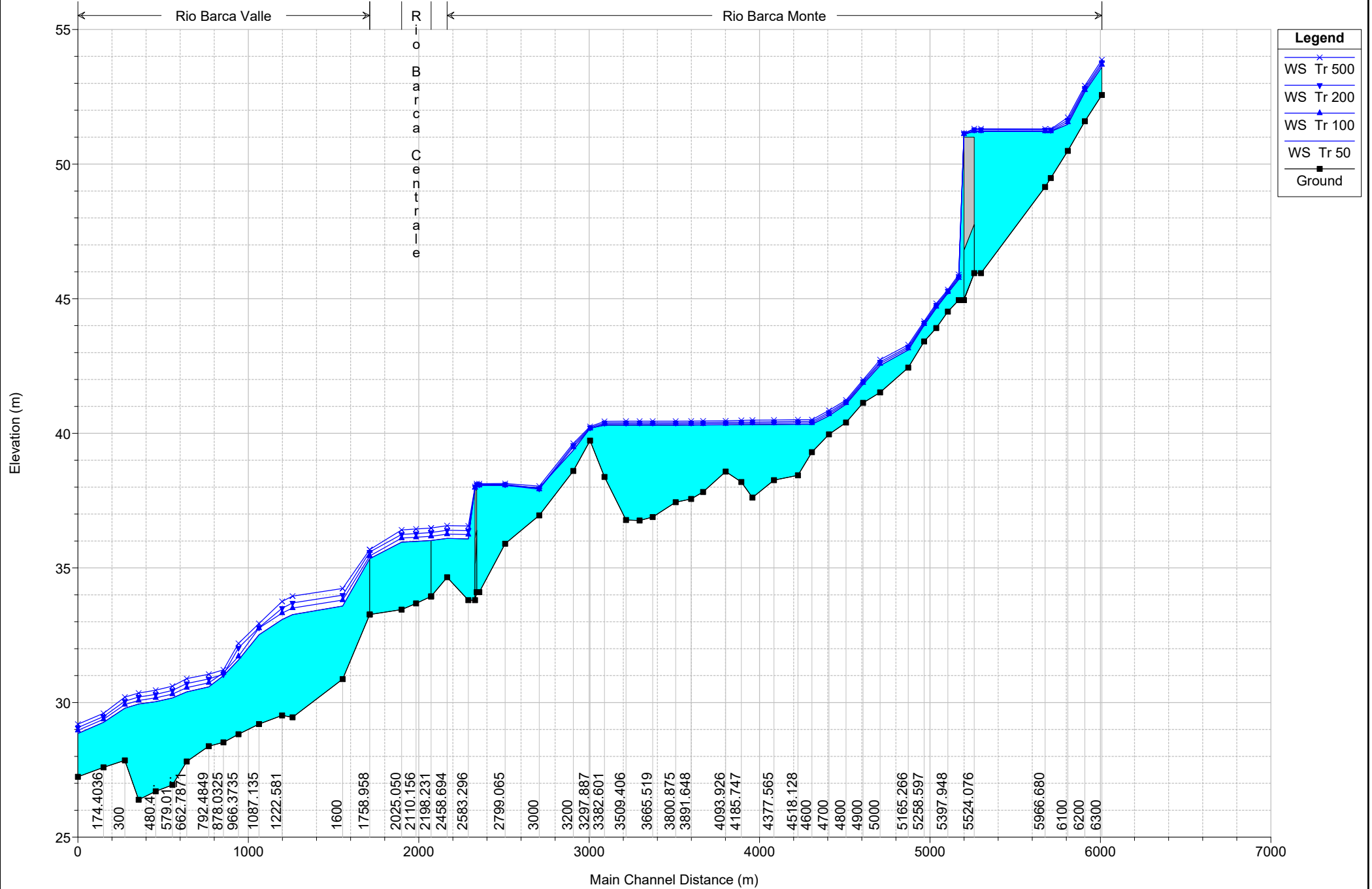


Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
AffuenteSx	3000	Tr 50	122.34	42.91	45.50	43.71	45.50	0.000076	0.40	401.79	274.35	0.08
AffuenteSx	3000	Tr 100	144.91	42.91	45.61	43.78	45.61	0.000087	0.44	432.46	282.12	0.09
AffuenteSx	3000	Tr 200	167.64	42.91	45.71	43.85	45.72	0.000097	0.48	461.06	287.83	0.09
AffuenteSx	3000	Tr 500	197.84	42.91	45.84	43.93	45.85	0.000108	0.52	499.18	295.17	0.10
AffuenteSx	2900	Tr 50	122.34	42.77	45.49		45.50	0.000052	0.34	454.93	290.44	0.07
AffuenteSx	2900	Tr 100	144.91	42.77	45.60		45.61	0.000061	0.38	487.17	299.09	0.07
AffuenteSx	2900	Tr 200	167.64	42.77	45.70		45.71	0.000070	0.42	517.31	305.51	0.08
AffuenteSx	2900	Tr 500	197.84	42.77	45.83		45.84	0.000078	0.46	557.12	307.06	0.08
AffuenteSx	2800	Tr 50	122.34	41.64	45.49		45.49	0.000008	0.17	879.78	321.27	0.03
AffuenteSx	2800	Tr 100	144.91	41.64	45.60		45.60	0.000010	0.19	915.01	322.24	0.03
AffuenteSx	2800	Tr 200	167.64	41.64	45.70		45.70	0.000012	0.21	947.14	323.06	0.03
AffuenteSx	2800	Tr 500	197.84	41.64	45.83		45.83	0.000014	0.24	989.22	324.11	0.04
AffuenteSx	2669.083	Tr 50	122.34	42.29	45.49	42.84	45.49	0.000012	0.19	791.88	315.81	0.03
AffuenteSx	2669.083	Tr 100	144.91	42.29	45.60	42.89	45.60	0.000015	0.21	826.37	316.65	0.04
AffuenteSx	2669.083	Tr 200	167.64	42.29	45.70	42.94	45.70	0.000018	0.24	857.81	317.29	0.04
AffuenteSx	2669.083	Tr 500	197.84	42.29	45.83	43.00	45.83	0.000021	0.26	898.94	318.13	0.05
AffuenteSx	2534.219	Tr 50	122.34	41.35	45.49	43.58	45.49	0.000025	0.17	685.98	391.54	0.03
AffuenteSx	2534.219	Tr 100	144.91	41.35	45.60	43.63	45.60	0.000029	0.19	728.63	394.72	0.03
AffuenteSx	2534.219	Tr 200	167.64	41.35	45.69	43.65	45.70	0.000034	0.21	767.71	398.19	0.04
AffuenteSx	2534.219	Tr 500	197.84	41.35	45.82	43.70	45.83	0.000039	0.24	819.33	403.60	0.04
AffuenteSx	2514.137		Culvert									
AffuenteSx	2471.401	Tr 50	122.34	40.55	45.48	42.95	45.48	0.000023	0.24	658.69	355.55	0.05
AffuenteSx	2471.401	Tr 100	144.91	40.55	45.59	43.53	45.59	0.000027	0.27	698.68	356.58	0.05
AffuenteSx	2471.401	Tr 200	167.64	40.55	45.69	43.65	45.70	0.000030	0.29	735.88	357.53	0.05
AffuenteSx	2471.401	Tr 500	197.84	40.55	45.82	43.78	45.82	0.000035	0.32	781.52	358.48	0.06
AffuenteSx	2400	Tr 50	122.34	43.29	45.47		45.47	0.000077	0.37	416.37	272.96	0.08
AffuenteSx	2400	Tr 100	144.91	43.29	45.58		45.59	0.000086	0.40	446.82	274.17	0.08
AffuenteSx	2400	Tr 200	167.64	43.29	45.68		45.69	0.000095	0.43	475.18	275.29	0.09
AffuenteSx	2400	Tr 500	197.84	43.29	45.81		45.82	0.000106	0.47	510.01	276.66	0.10
AffuenteSx	2339.683	Tr 50	122.34	43.65	45.45		45.47	0.000291	0.63	268.07	224.96	0.15
AffuenteSx	2339.683	Tr 100	144.91	43.65	45.56		45.58	0.000313	0.68	293.05	232.83	0.16
AffuenteSx	2339.683	Tr 200	167.64	43.65	45.66		45.68	0.000333	0.72	317.01	240.51	0.16
AffuenteSx	2339.683	Tr 500	197.84	43.65	45.79		45.81	0.000355	0.78	347.38	250.08	0.17
AffuenteSx	2183.335	Tr 50	122.34	44.19	45.10	45.01	45.31	0.010382	2.07	64.66	111.53	0.77
AffuenteSx	2183.335	Tr 100	144.91	44.19	45.18	45.09	45.41	0.009929	2.18	74.12	117.02	0.77
AffuenteSx	2183.335	Tr 200	167.64	44.19	45.26	45.16	45.51	0.009512	2.27	83.56	122.24	0.77
AffuenteSx	2183.335	Tr 500	197.84	44.19	45.36	45.24	45.63	0.009001	2.36	96.07	128.84	0.76
AffuenteSx	2112.205	Tr 50	122.34	43.08	45.19		45.20	0.000218	0.60	256.80	251.13	0.13
AffuenteSx	2112.205	Tr 100	144.91	43.08	45.28		45.30	0.000249	0.66	279.05	252.78	0.14
AffuenteSx	2112.205	Tr 200	167.64	43.08	45.37		45.38	0.000274	0.71	300.50	254.29	0.15
AffuenteSx	2112.205	Tr 500	197.84	43.08	45.47		45.49	0.000303	0.77	327.53	255.97	0.16
AffuenteSx	2022.509	Tr 50	122.34	41.55	45.20	42.38	45.20	0.000012	0.20	722.15	288.30	0.03
AffuenteSx	2022.509	Tr 100	144.91	41.55	45.29	42.43	45.29	0.000015	0.23	747.86	289.86	0.04
AffuenteSx	2022.509	Tr 200	167.64	41.55	45.37	42.47	45.37	0.000018	0.26	772.61	291.26	0.04
AffuenteSx	2022.509	Tr 500	197.84	41.55	45.48	42.54	45.48	0.000022	0.29	803.73	293.01	0.05
AffuenteSx	1915.743	Tr 50	122.34	41.18	45.19	42.17	45.20	0.000028	0.33	482.04	283.33	0.05
AffuenteSx	1915.743	Tr 100	144.91	41.18	45.28	42.26	45.29	0.000035	0.37	506.97	284.06	0.06
AffuenteSx	1915.743	Tr 200	167.64	41.18	45.36	42.34	45.37	0.000042	0.41	530.88	284.77	0.07
AffuenteSx	1915.743	Tr 500	197.84	41.18	45.47	42.44	45.48	0.000051	0.46	560.84	285.55	0.07
AffuenteSx	1762.403	Tr 50	122.34	42.94	45.16	43.91	45.18	0.000389	0.79	187.84	155.38	0.18
AffuenteSx	1762.403	Tr 100	144.91	42.94	45.24	44.00	45.27	0.000468	0.89	200.50	163.86	0.20
AffuenteSx	1762.403	Tr 200	167.64	42.94	45.31	44.08	45.35	0.000540	0.98	213.19	170.90	0.21
AffuenteSx	1762.403	Tr 500	197.84	42.94	45.41	44.19	45.45	0.000628	1.08	229.66	178.06	0.23
AffuenteSx	1700	Tr 50	122.34	41.78	45.15		45.17	0.000161	0.69	245.06	143.21	0.12
AffuenteSx	1700	Tr 100	144.91	41.78	45.23		45.25	0.000203	0.78	256.30	148.64	0.14
AffuenteSx	1700	Tr 200	167.64	41.78	45.30		45.33	0.000245	0.87	267.39	153.80	0.15
AffuenteSx	1700	Tr 500	197.84	41.78	45.39		45.42	0.000302	0.99	281.69	160.13	0.17
AffuenteSx	1600	Tr 50	122.34	41.85	45.14		45.15	0.000098	0.53	298.42	154.96	0.10
AffuenteSx	1600	Tr 100	144.91	41.85	45.22		45.23	0.000126	0.61	310.13	158.86	0.11
AffuenteSx	1600	Tr 200	167.64	41.85	45.29		45.30	0.000154	0.68	321.51	162.56	0.12
AffuenteSx	1600	Tr 500	197.84	41.85	45.37		45.40	0.000192	0.77	335.96	166.93	0.14
AffuenteSx	1526.619	Tr 50	122.34	44.22	44.91	44.91	45.11	0.016587	2.35	69.80	169.62	0.92
AffuenteSx	1526.619	Tr 100	144.91	44.22	44.96	44.96	45.18	0.016895	2.48	77.80	172.19	0.93

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)	
AffuenteSx	1526.619	Tr 200	167.64	44.22	45.00	45.00	45.24	0.017101	2.59	85.48	174.65	0.95
AffuenteSx	1526.619	Tr 500	197.84	44.22	45.06	45.06	45.33	0.016668	2.70	96.55	179.11	0.95
AffuenteSx	1369.928	Tr 50	122.34	39.83	41.83	40.96	41.89	0.001077	1.27	118.95	94.70	0.29
AffuenteSx	1369.928	Tr 100	144.91	39.83	41.98	41.06	42.05	0.001091	1.34	133.39	99.00	0.30
AffuenteSx	1369.928	Tr 200	167.64	39.83	42.12	41.16	42.19	0.001102	1.41	147.33	103.04	0.30
AffuenteSx	1369.928	Tr 500	197.84	39.83	42.29	41.27	42.37	0.001110	1.48	165.11	107.54	0.31
AffuenteSx	1300	Tr 50	122.34	39.88	41.72	40.97	41.80	0.001530	1.39	100.10	81.22	0.34
AffuenteSx	1300	Tr 100	144.91	39.88	41.86	41.07	41.96	0.001557	1.48	112.03	84.73	0.35
AffuenteSx	1300	Tr 200	167.64	39.88	41.99	41.17	42.10	0.001580	1.56	123.54	87.98	0.36
AffuenteSx	1300	Tr 500	197.84	39.88	42.16	41.28	42.27	0.001602	1.66	138.22	91.97	0.36
AffuenteSx	1200	Tr 50	122.34	39.54	41.36	41.03	41.56	0.003717	2.29	67.35	64.54	0.58
AffuenteSx	1200	Tr 100	144.91	39.54	41.48	41.14	41.71	0.003790	2.43	75.64	67.31	0.59
AffuenteSx	1200	Tr 200	167.64	39.54	41.60	41.24	41.85	0.003829	2.55	83.76	69.77	0.60
AffuenteSx	1200	Tr 500	197.84	39.54	41.75	41.37	42.02	0.003850	2.69	94.27	72.81	0.61
AffuenteSx	1108.229	Tr 50	122.34	39.61	40.95	40.65	41.14	0.005663	1.97	62.58	63.87	0.62
AffuenteSx	1108.229	Tr 100	144.91	39.61	41.09	40.75	41.30	0.005217	2.04	71.93	66.16	0.61
AffuenteSx	1108.229	Tr 200	167.64	39.61	41.22	40.85	41.44	0.004909	2.10	80.88	68.24	0.60
AffuenteSx	1108.229	Tr 500	197.84	39.61	41.39	40.96	41.62	0.004625	2.18	92.21	70.78	0.59
AffuenteSx	1000	Tr 50	122.34	38.65	40.71	39.97	40.81	0.001686	1.40	89.37	65.71	0.37
AffuenteSx	1000	Tr 100	144.91	38.65	40.86	40.07	40.97	0.001727	1.49	99.17	67.25	0.38
AffuenteSx	1000	Tr 200	167.64	38.65	40.99	40.17	41.12	0.001774	1.58	108.29	68.66	0.39
AffuenteSx	1000	Tr 500	197.84	38.65	41.15	40.29	41.30	0.001831	1.69	119.61	70.26	0.40
AffuenteSx	936.3956	Tr 50	122.34	38.52	40.46	40.02	40.65	0.003092	2.39	68.04	58.73	0.56
AffuenteSx	936.3956	Tr 100	144.91	38.52	40.59	40.15	40.81	0.003224	2.55	75.85	61.19	0.58
AffuenteSx	936.3956	Tr 200	167.64	38.52	40.70	40.27	40.95	0.003334	2.70	83.21	63.02	0.60
AffuenteSx	936.3956	Tr 500	197.84	38.52	40.85	40.41	41.13	0.003464	2.87	92.41	65.14	0.61
AffuenteSx	768.4987	Tr 50	122.34	38.30	40.14	39.57	40.23	0.001815	1.80	96.32	98.74	0.43
AffuenteSx	768.4987	Tr 100	144.91	38.30	40.28	39.67	40.38	0.001741	1.86	111.22	104.39	0.43
AffuenteSx	768.4987	Tr 200	167.64	38.30	40.42	39.76	40.52	0.001683	1.91	125.57	109.04	0.42
AffuenteSx	768.4987	Tr 500	197.84	38.30	40.58	39.88	40.69	0.001614	1.97	143.90	113.95	0.42
AffuenteSx	600	Tr 50	122.34	37.55	39.13	39.13	39.61	0.008945	3.24	42.74	46.26	0.90
AffuenteSx	600	Tr 100	144.91	37.55	39.26	39.26	39.78	0.008652	3.39	49.03	49.44	0.90
AffuenteSx	600	Tr 200	167.64	37.55	39.39	39.39	39.94	0.008334	3.52	55.42	52.52	0.90
AffuenteSx	600	Tr 500	197.84	37.55	39.54	39.54	40.12	0.008050	3.68	63.56	56.22	0.90
AffuenteSx	319.6842	Tr 50	122.34	35.80	36.69	36.61	36.87	0.009651	2.20	72.33	139.21	0.76
AffuenteSx	319.6842	Tr 100	144.91	35.80	36.84	36.68	36.98	0.006569	2.01	93.24	157.59	0.65
AffuenteSx	319.6842	Tr 200	167.64	35.80	36.96	36.74	37.09	0.004982	1.90	114.55	175.47	0.57
AffuenteSx	319.6842	Tr 500	197.84	35.80	37.12	36.81	37.23	0.003795	1.81	143.91	201.10	0.51

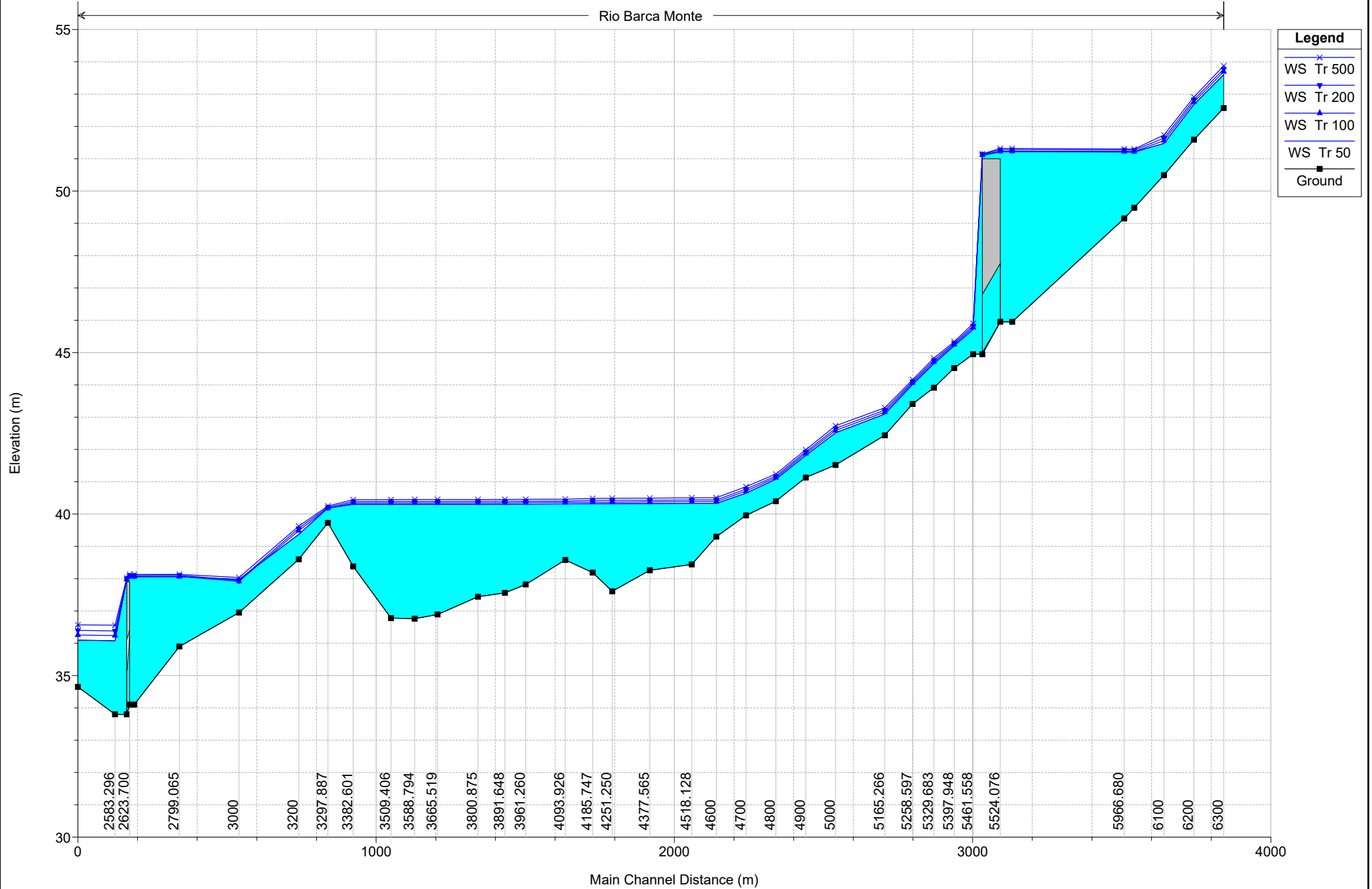
21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

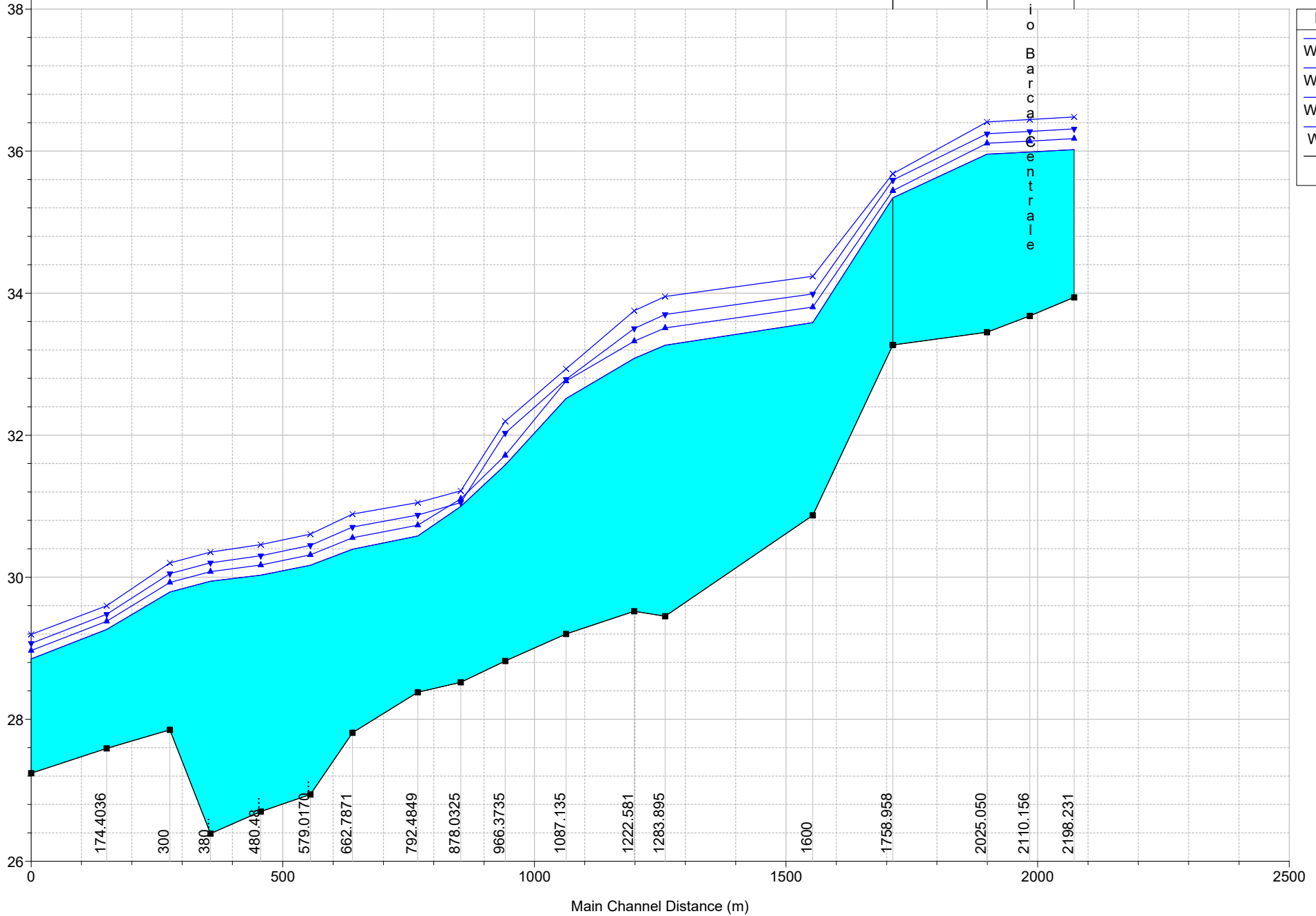
Rio Barca Valle

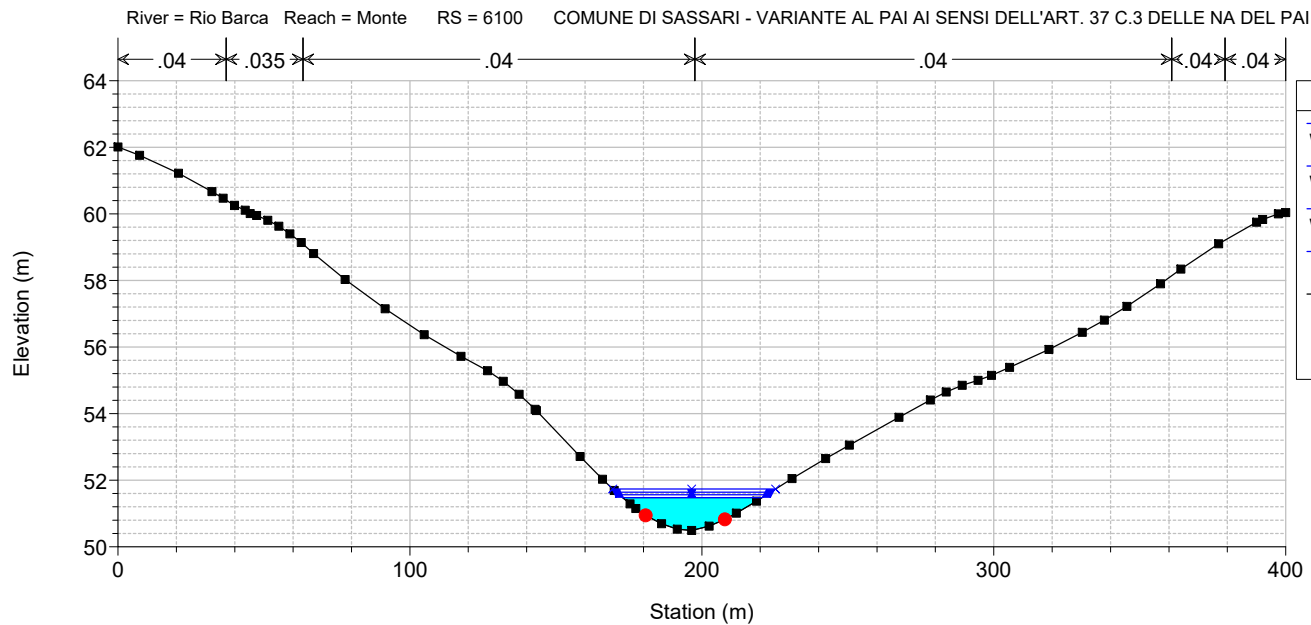
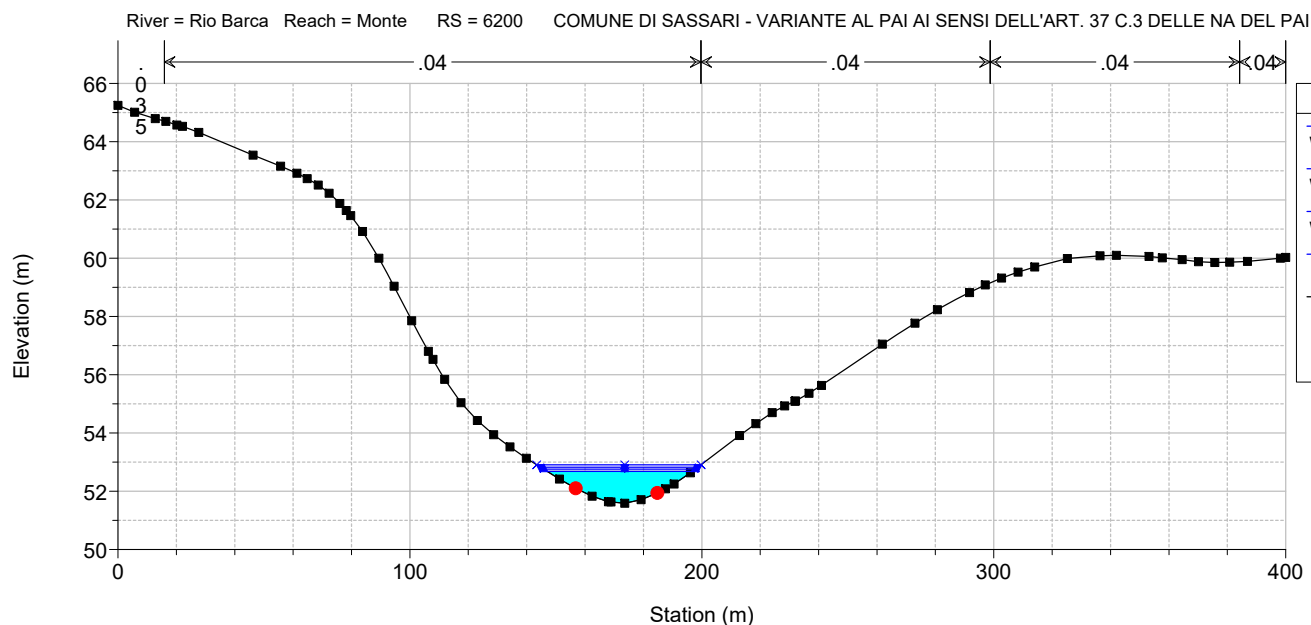
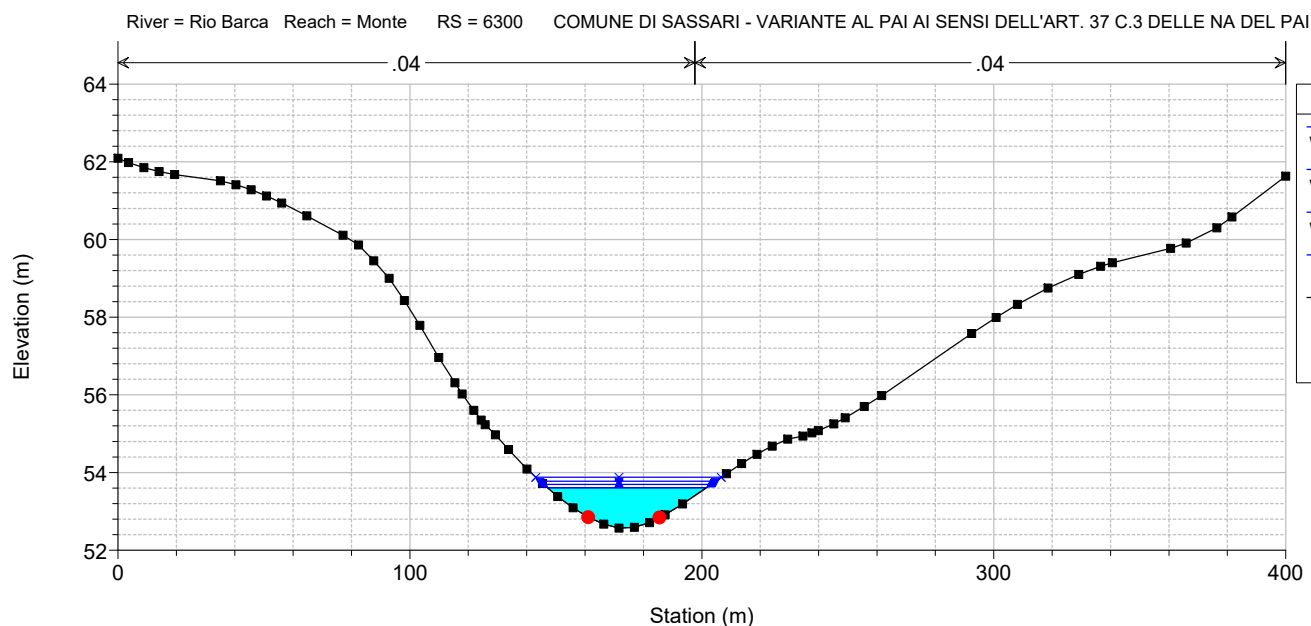
Rio
Barca
Centrale

Elevation (m)

Legend

- WS Tr 500
- WS Tr 200
- WS Tr 100
- WS Tr 50
- Ground

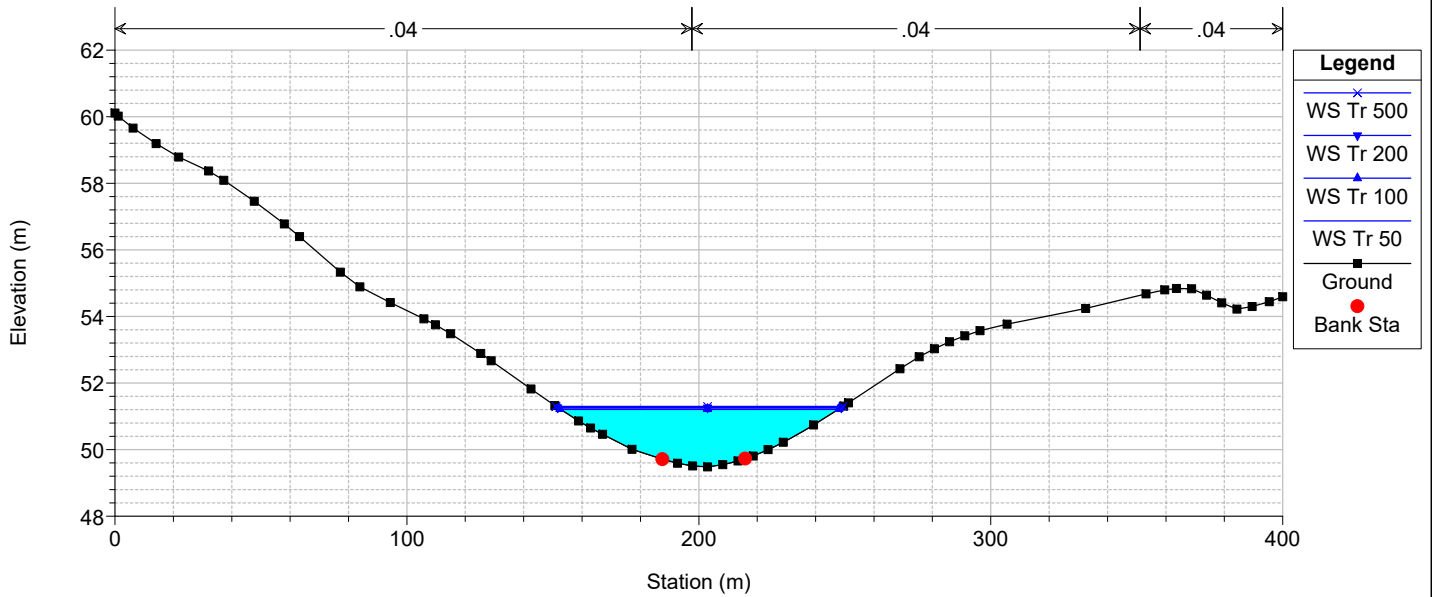




21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

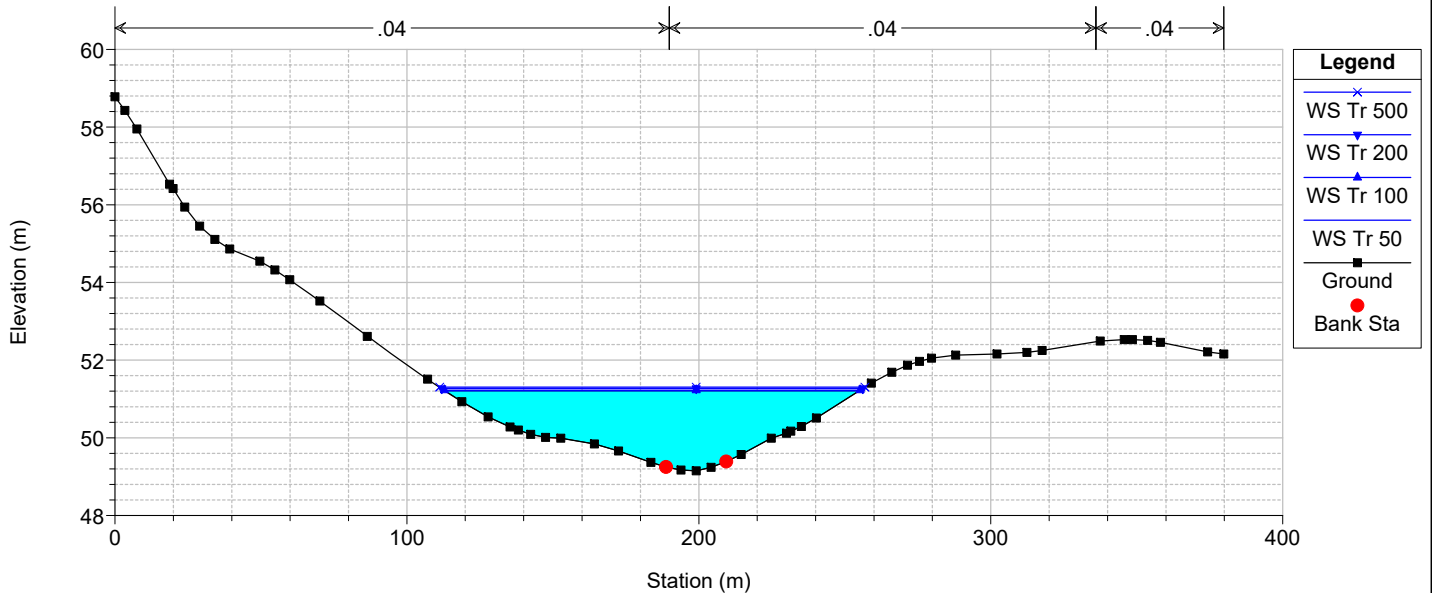
River = Rio Barca Reach = Monte RS = 6000 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

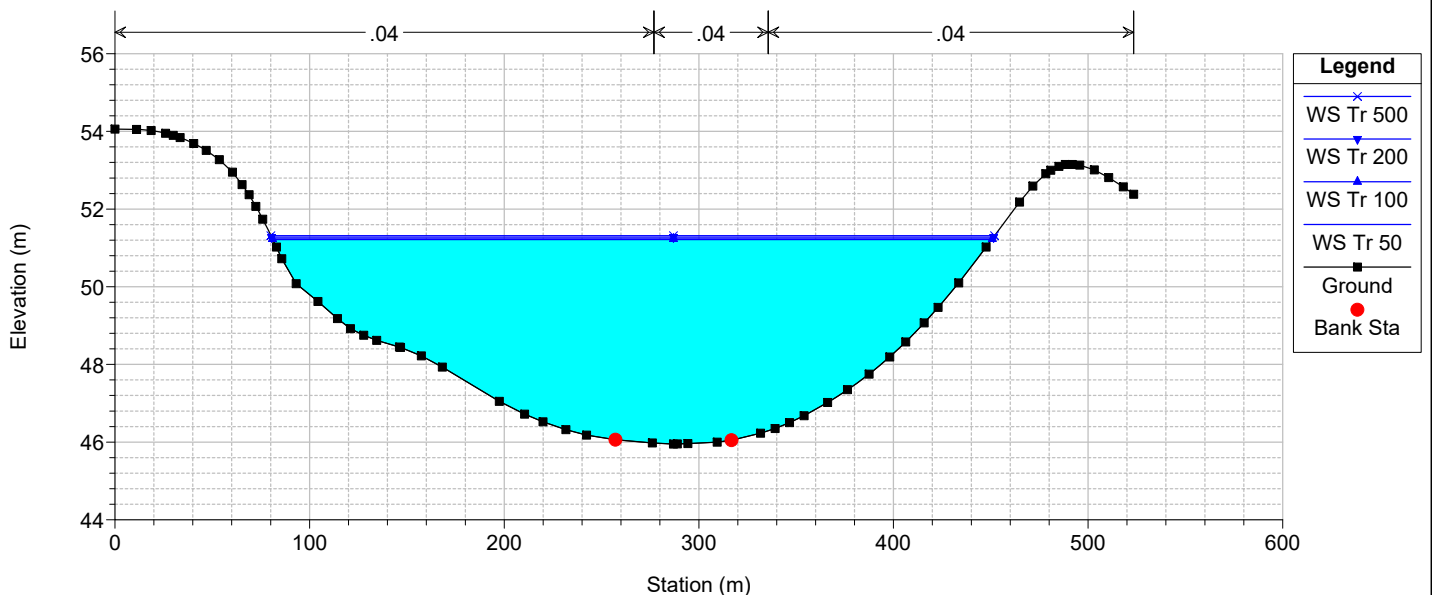
River = Rio Barca Reach = Monte RS = 5966.680 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

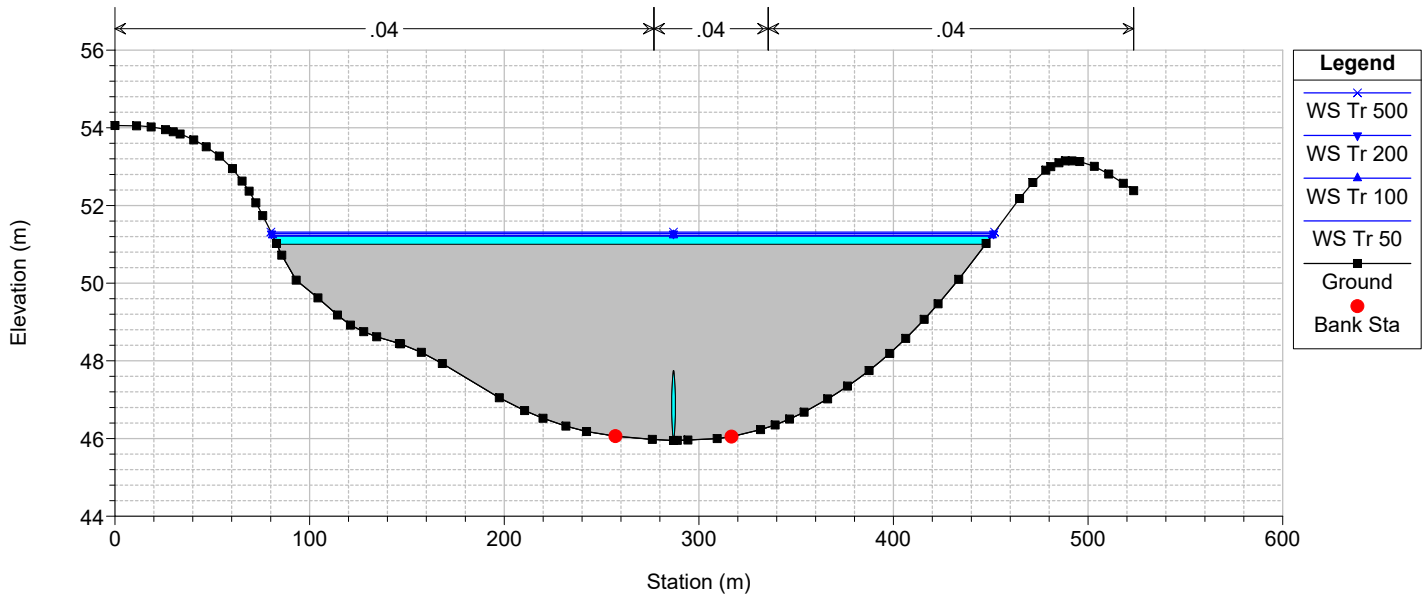
River = Rio Barca Reach = Monte RS = 5592.174 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

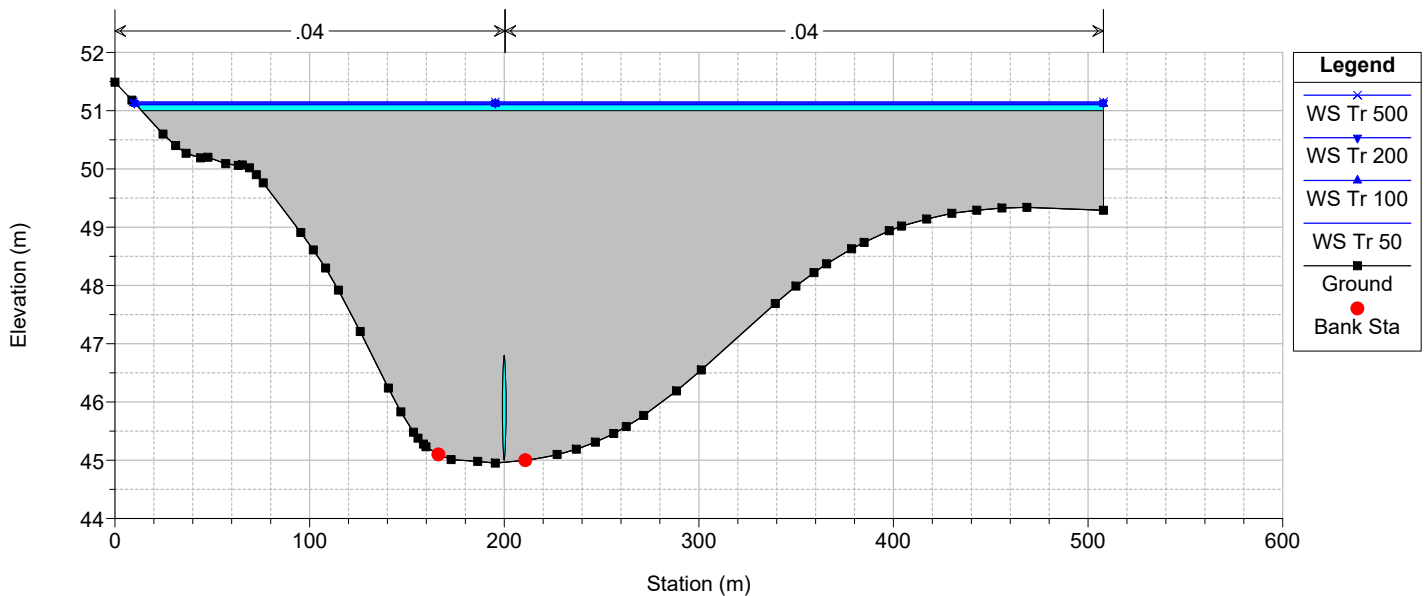
River = Rio Barca Reach = Monte RS = 5524.076 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

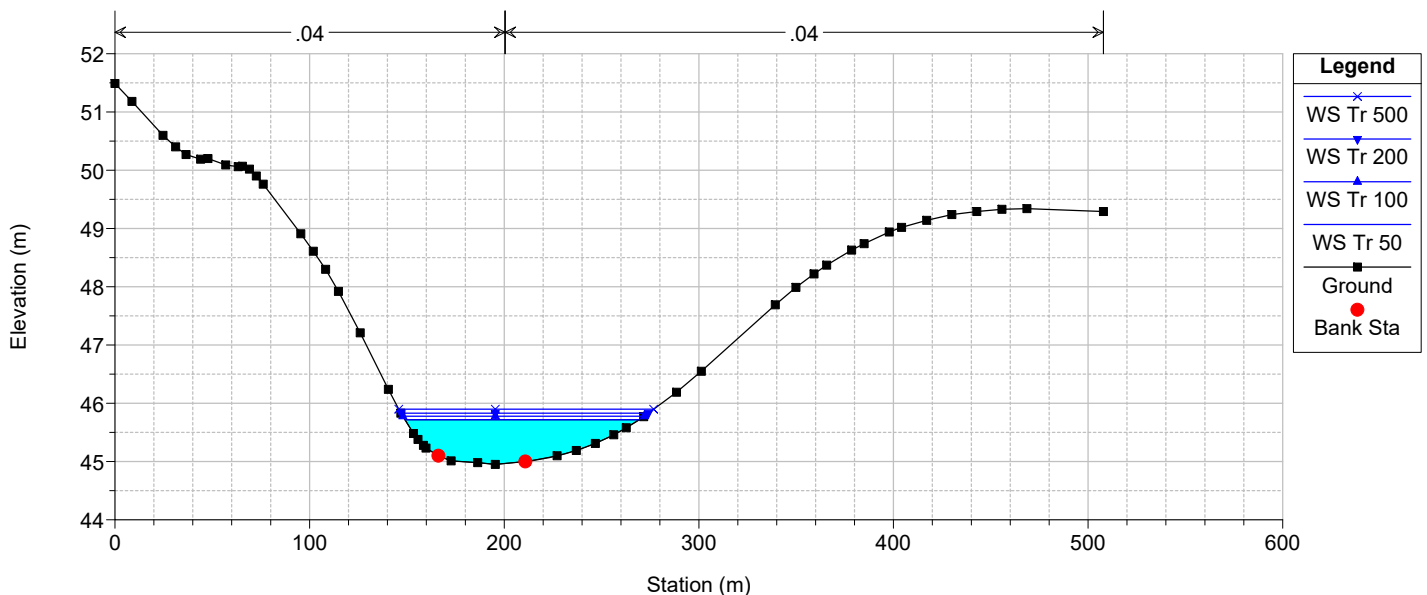
River = Rio Barca Reach = Monte RS = 5524.076 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

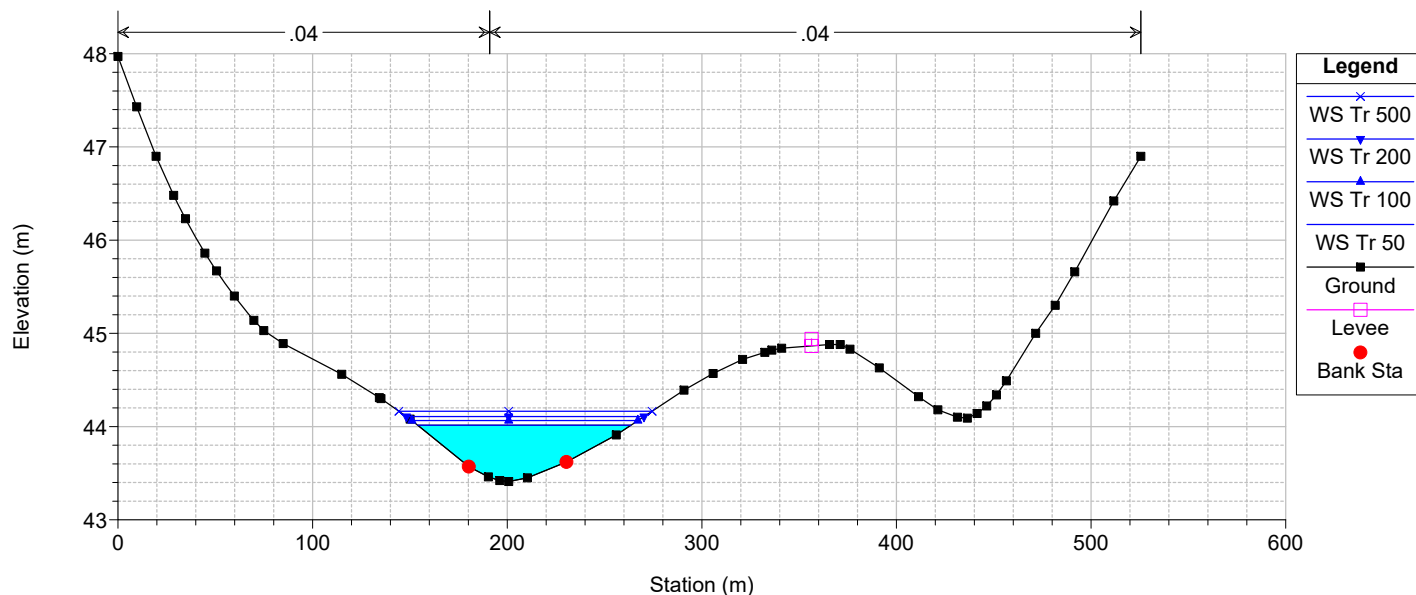


21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

River = Rio Barca Reach = Monte RS = 5461.558 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

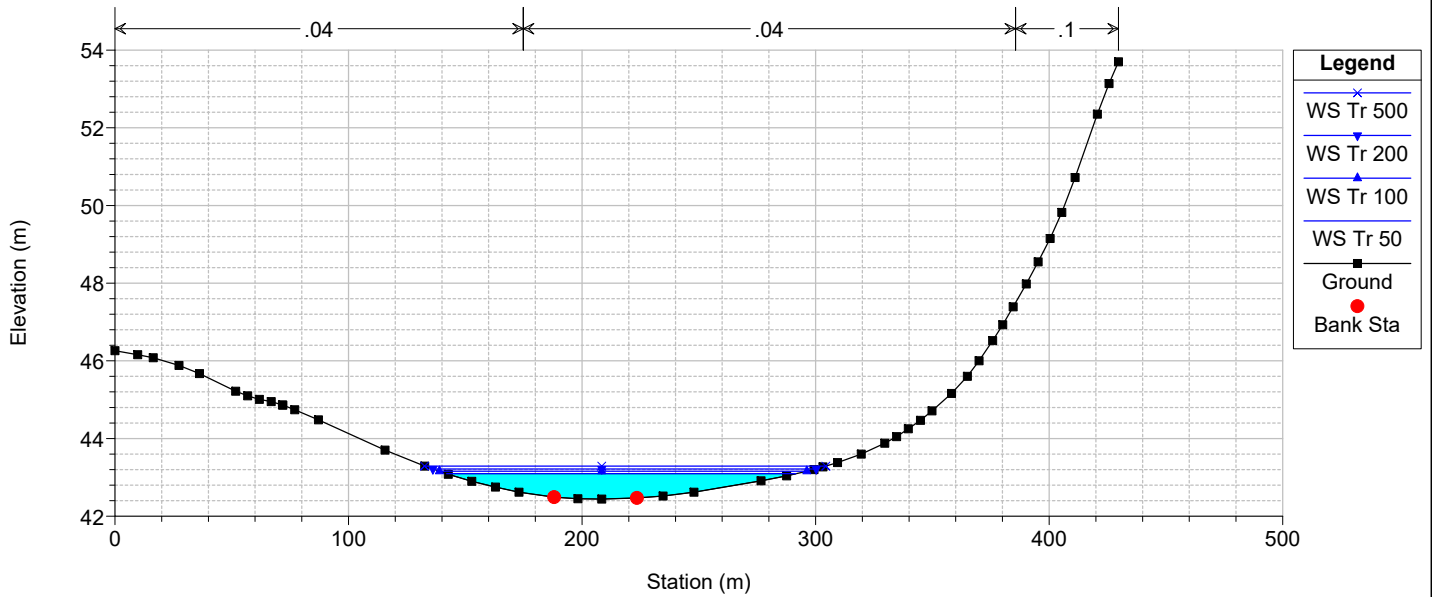




21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

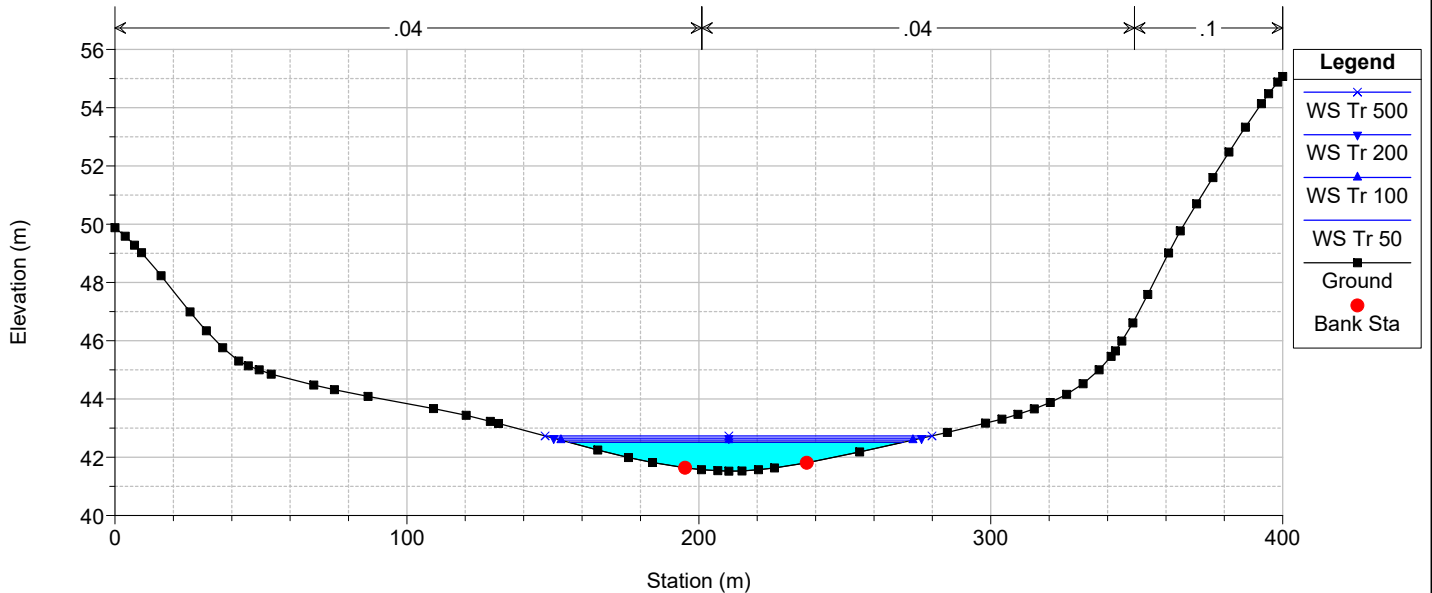
River = Rio Barca Reach = Monte RS = 5165.266 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

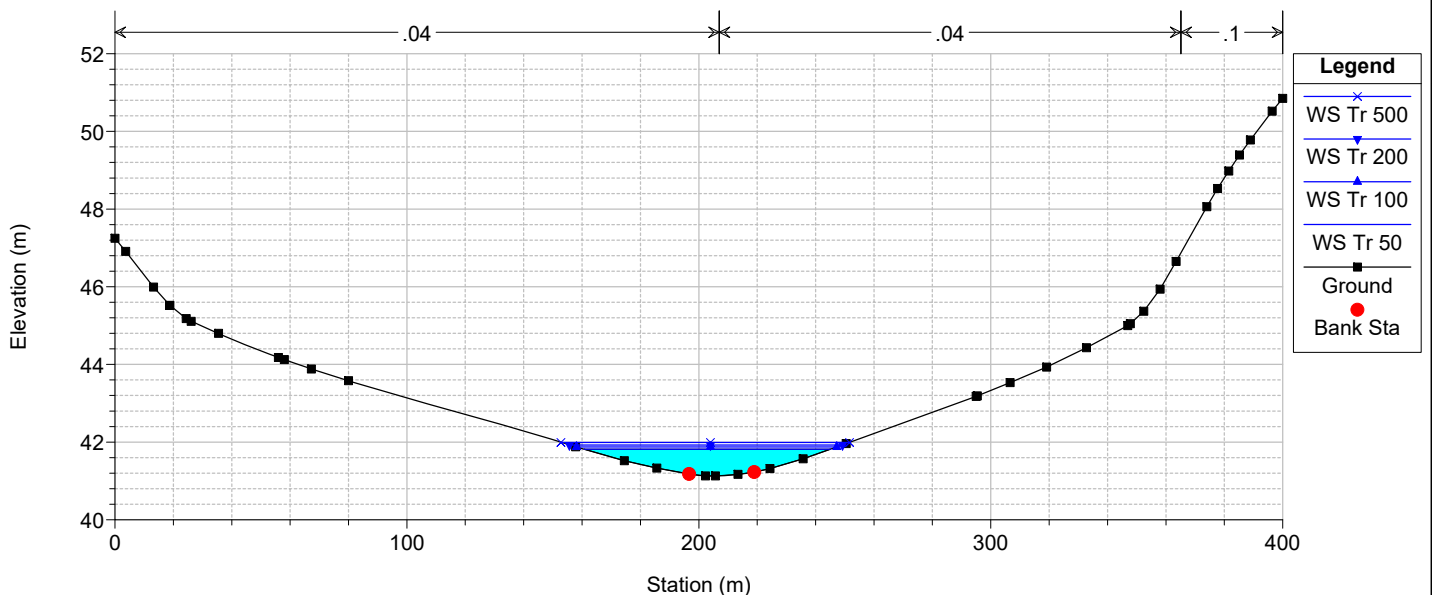
River = Rio Barca Reach = Monte RS = 5000 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

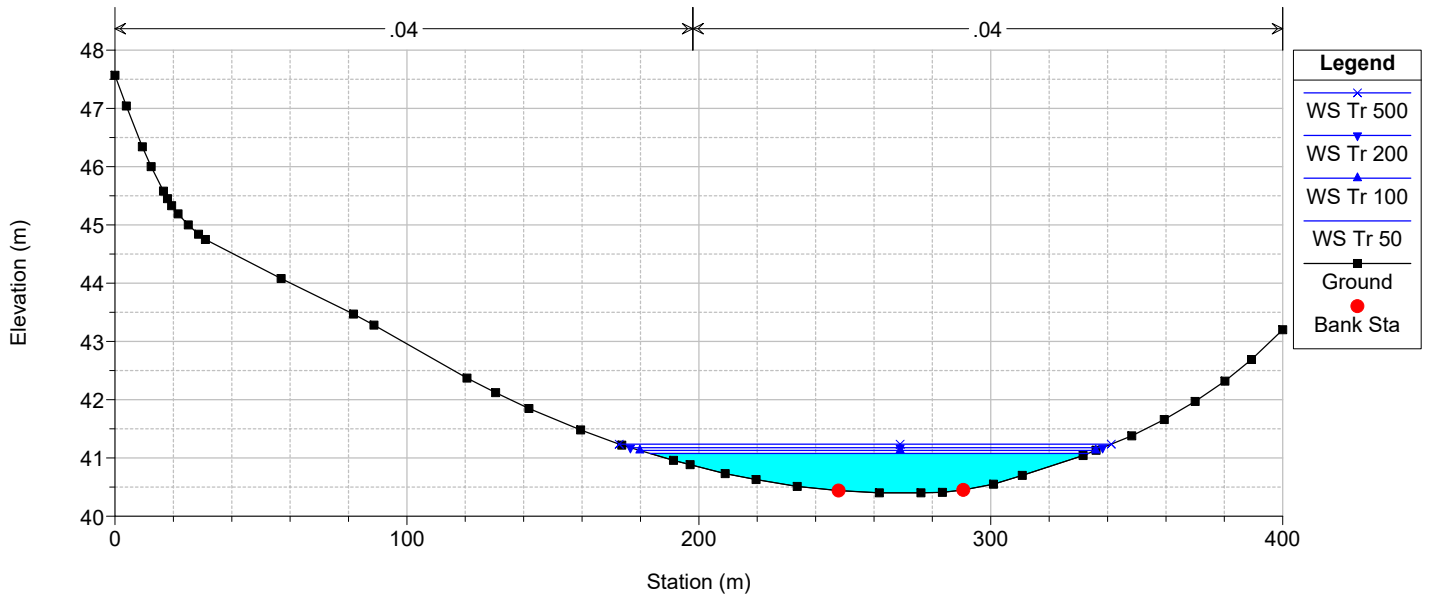
River = Rio Barca Reach = Monte RS = 4900 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

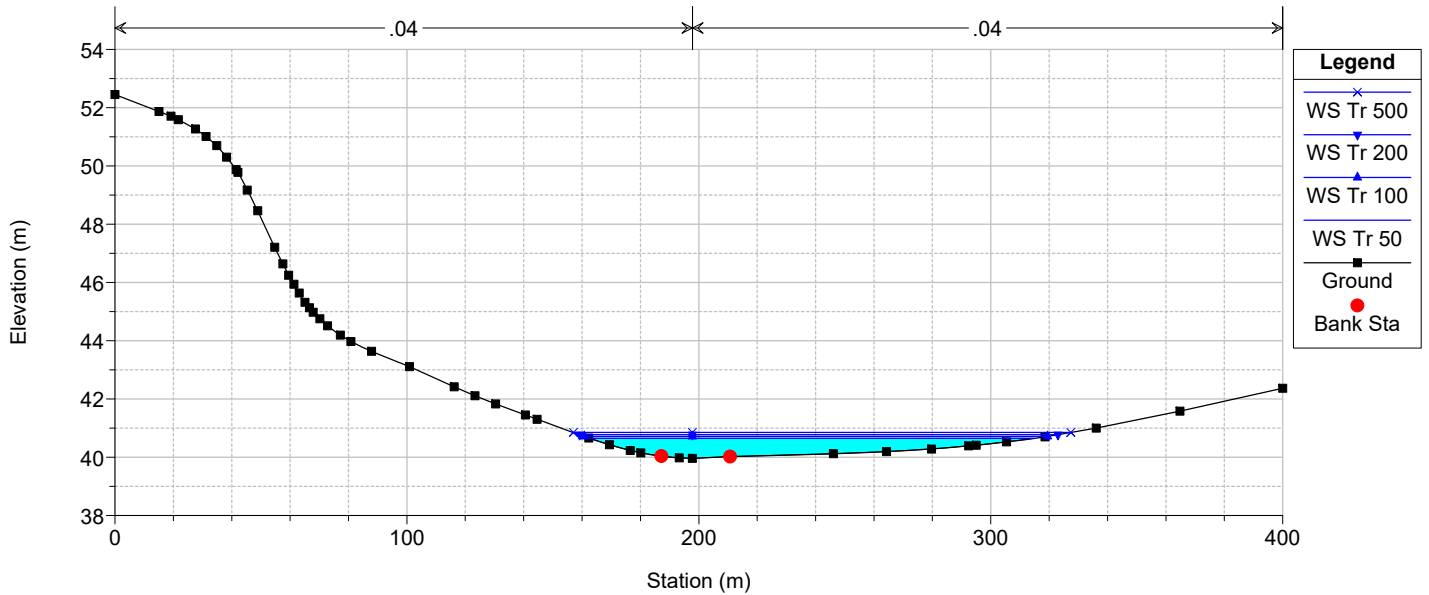
River = Rio Barca Reach = Monte RS = 4800 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

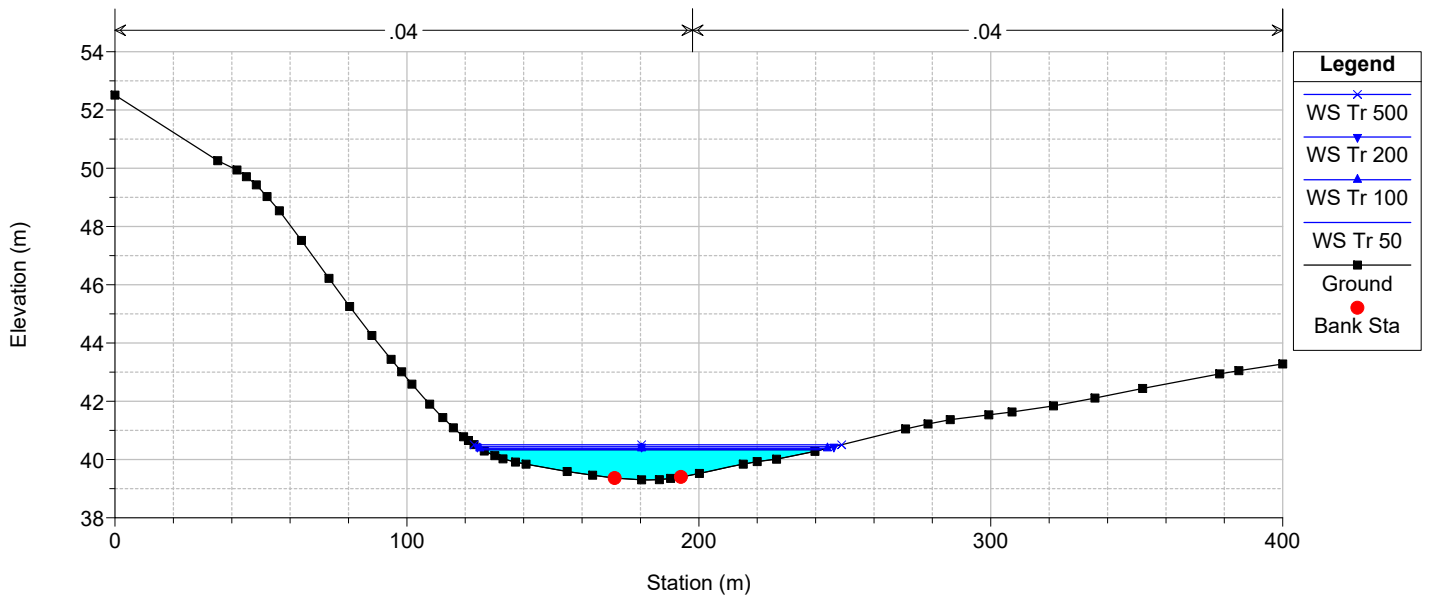
River = Rio Barca Reach = Monte RS = 4700 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

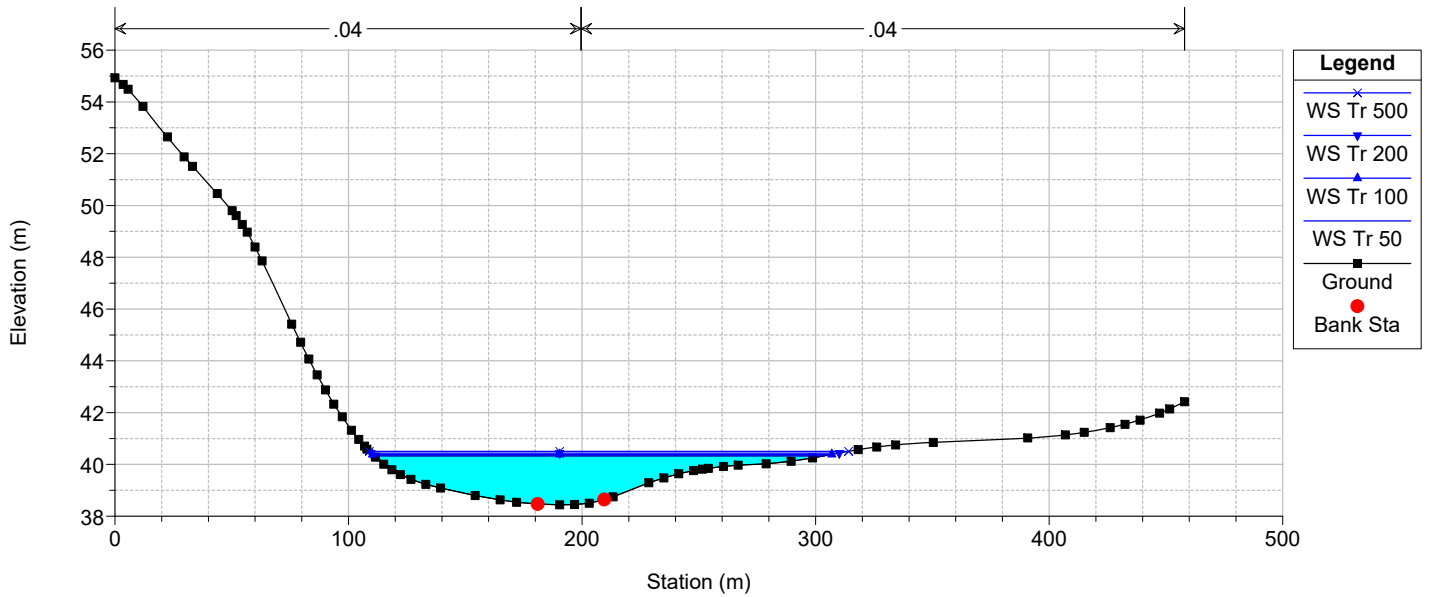
River = Rio Barca Reach = Monte RS = 4600 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

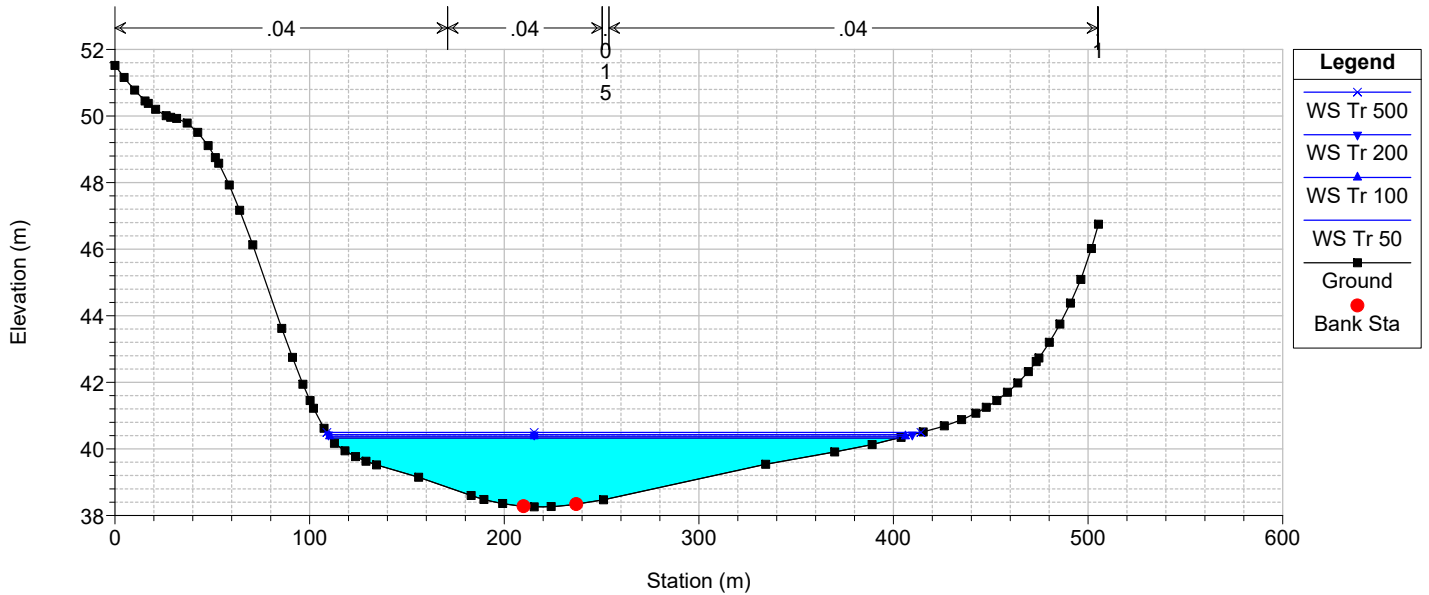
River = Rio Barca Reach = Monte RS = 4518.128 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

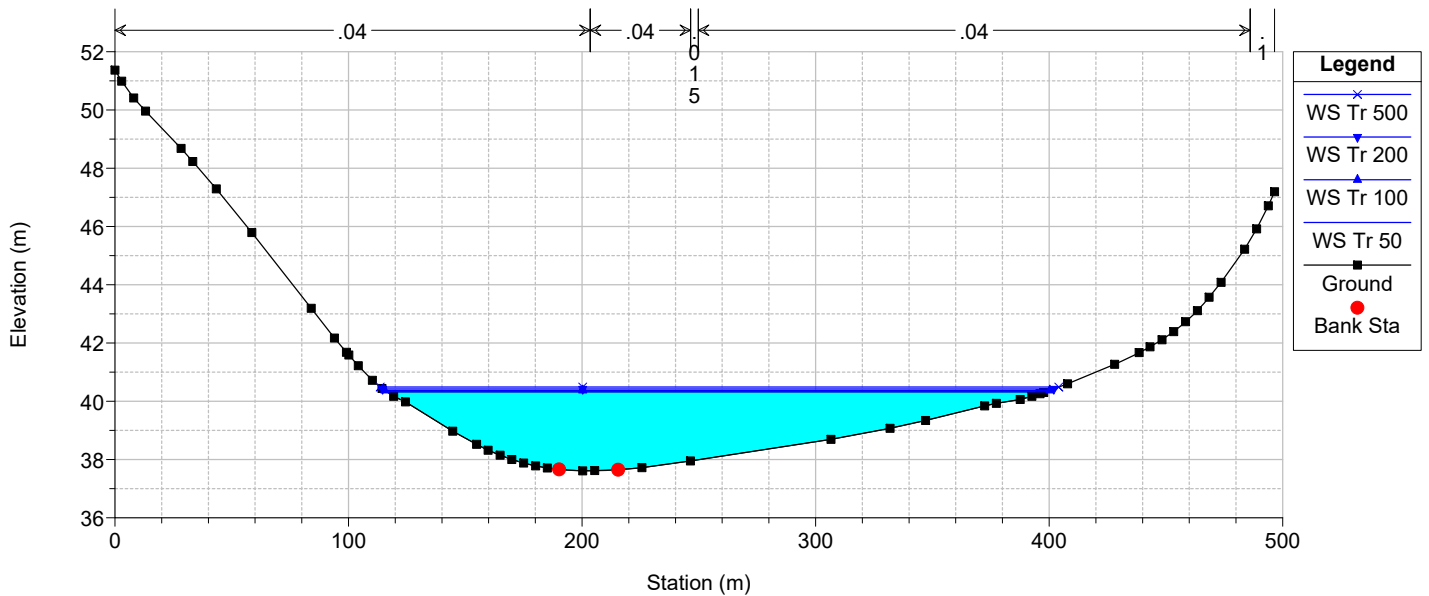
River = Rio Barca Reach = Monte RS = 4377.565 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

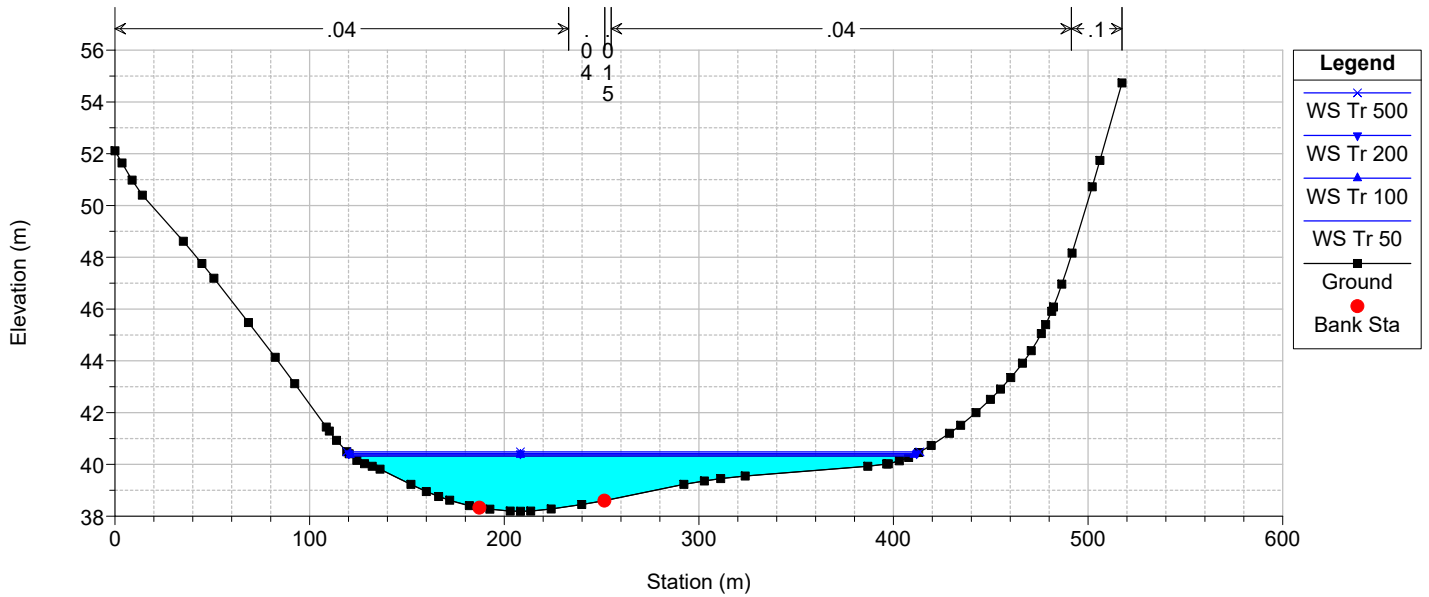
River = Rio Barca Reach = Monte RS = 4251.250 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

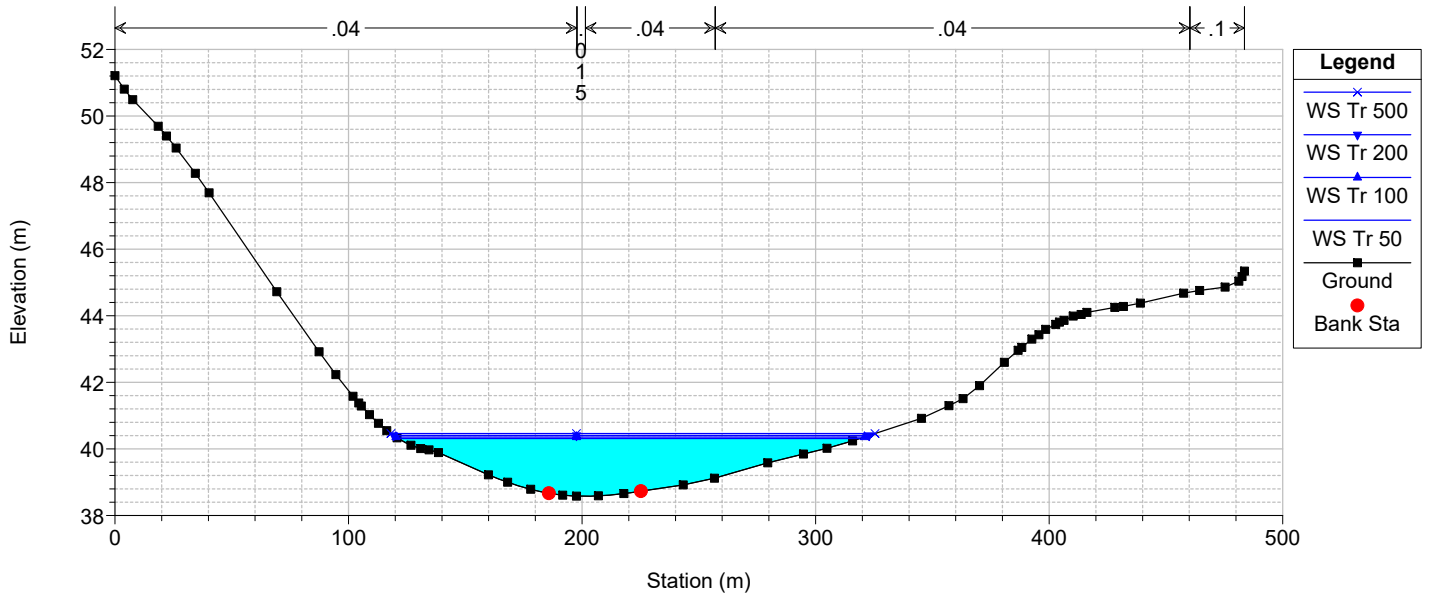
River = Rio Barca Reach = Monte RS = 4185.747 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

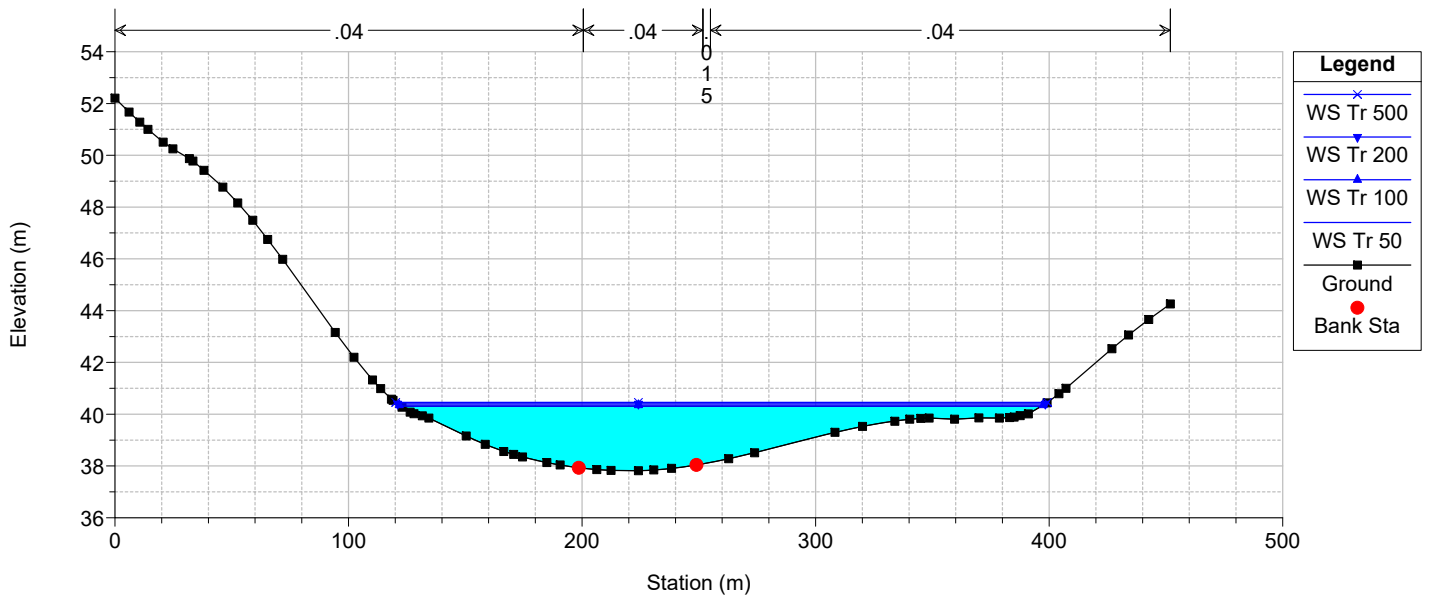
River = Rio Barca Reach = Monte RS = 4093.926 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

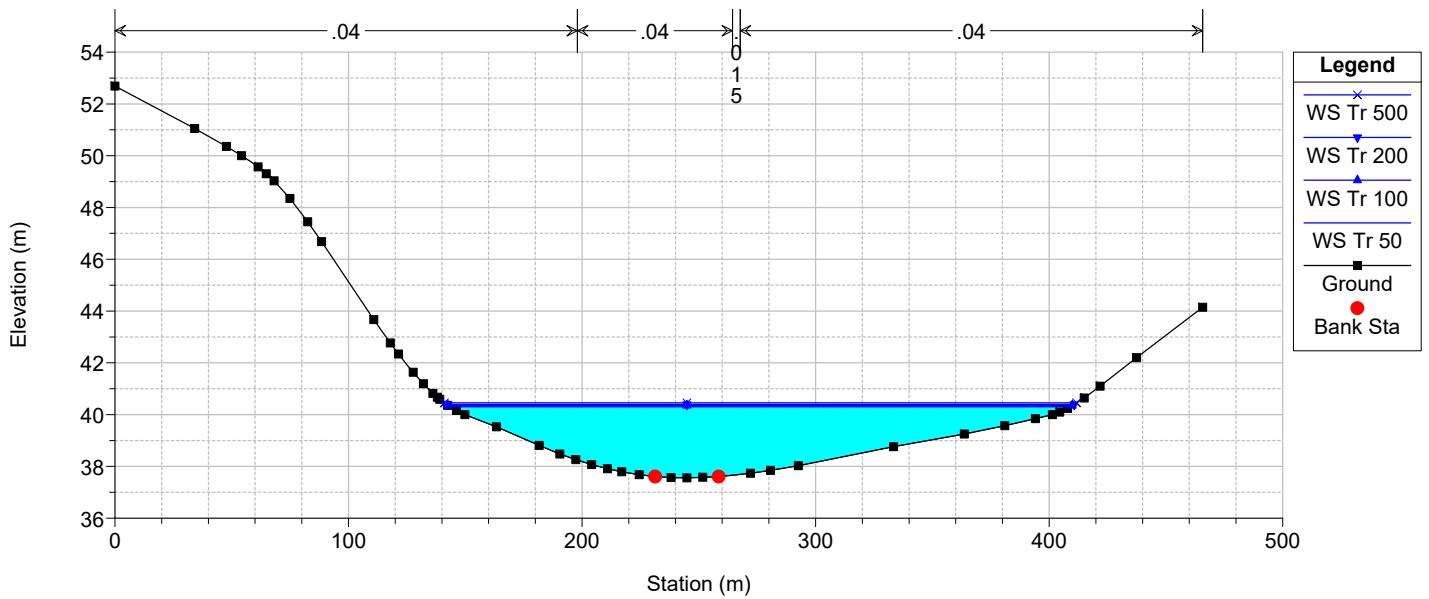
River = Rio Barca Reach = Monte RS = 3961.260 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

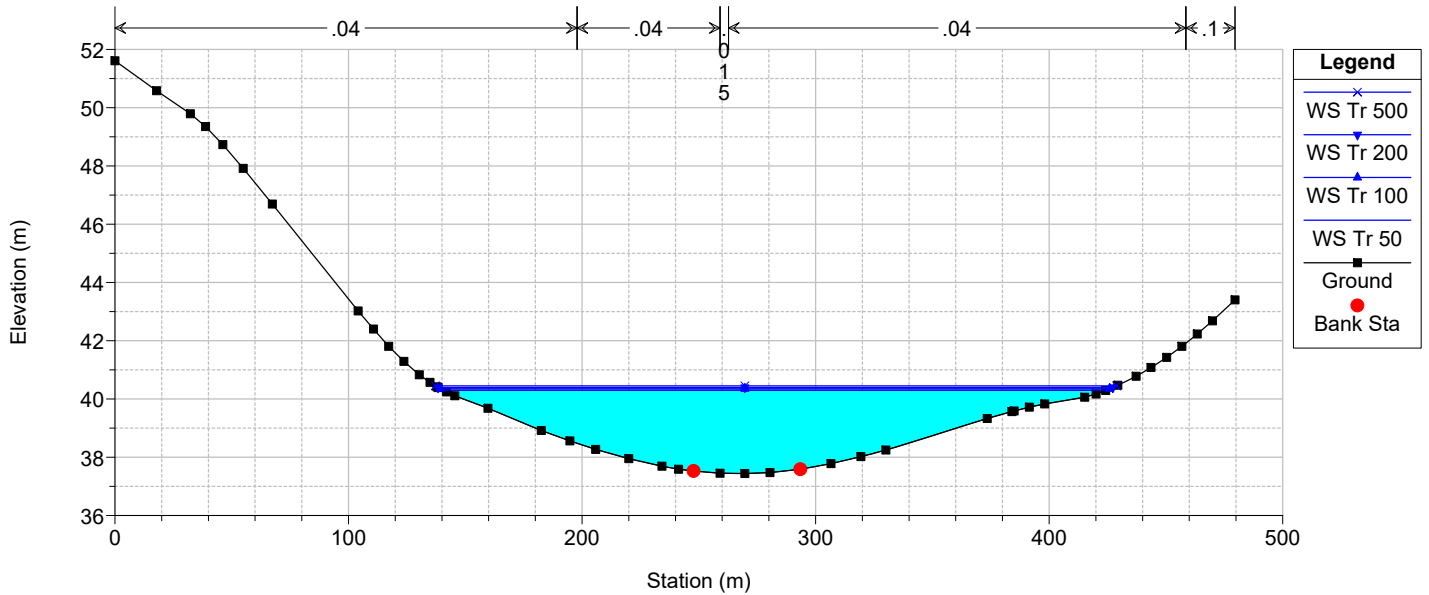
River = Rio Barca Reach = Monte RS = 3891.648 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

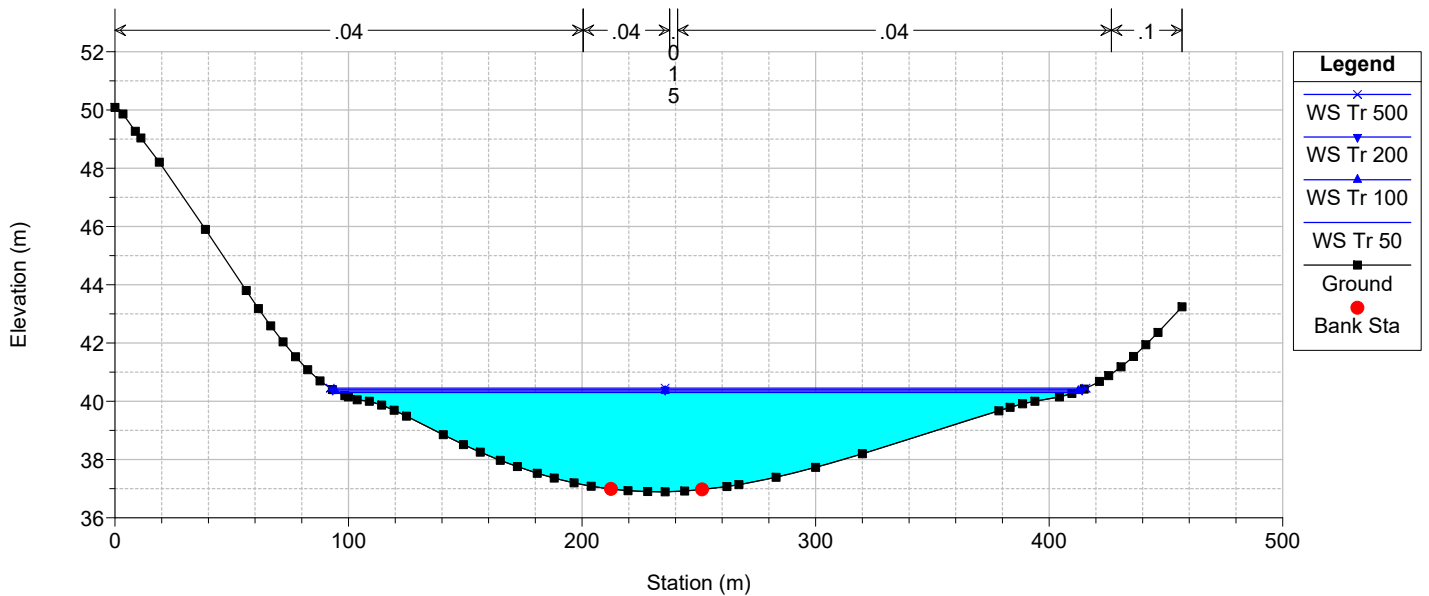
River = Rio Barca Reach = Monte RS = 3800.875 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

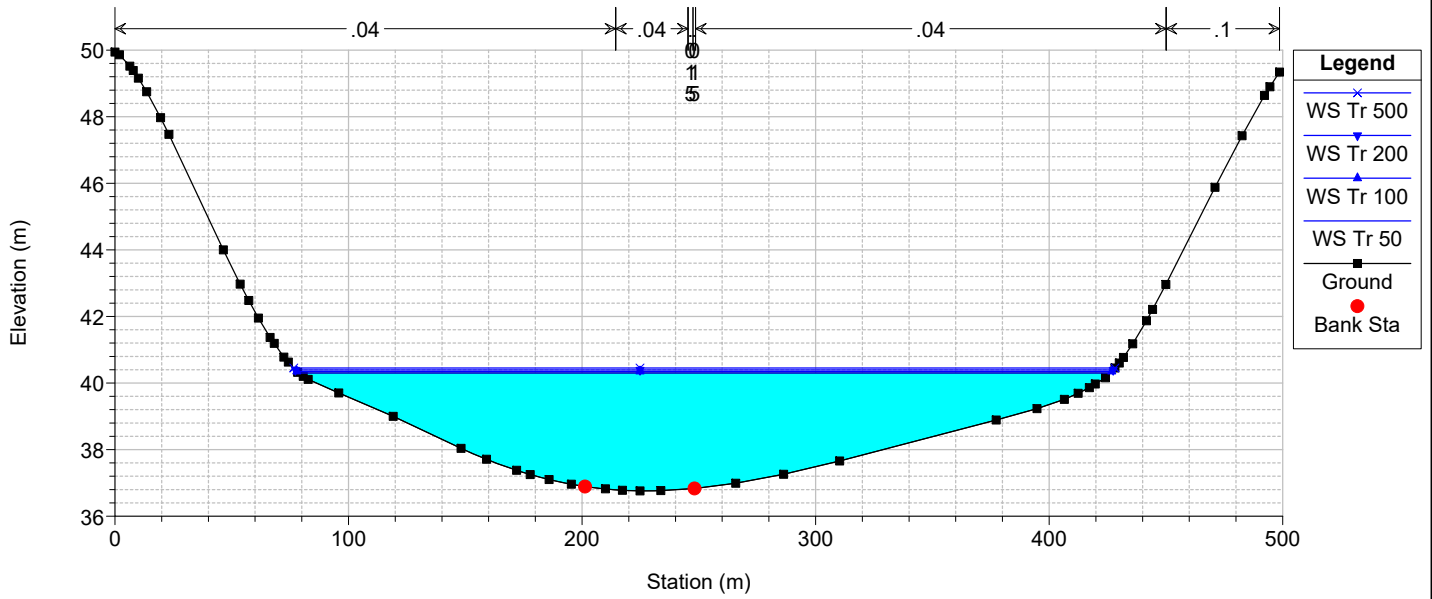
River = Rio Barca Reach = Monte RS = 3665.519 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

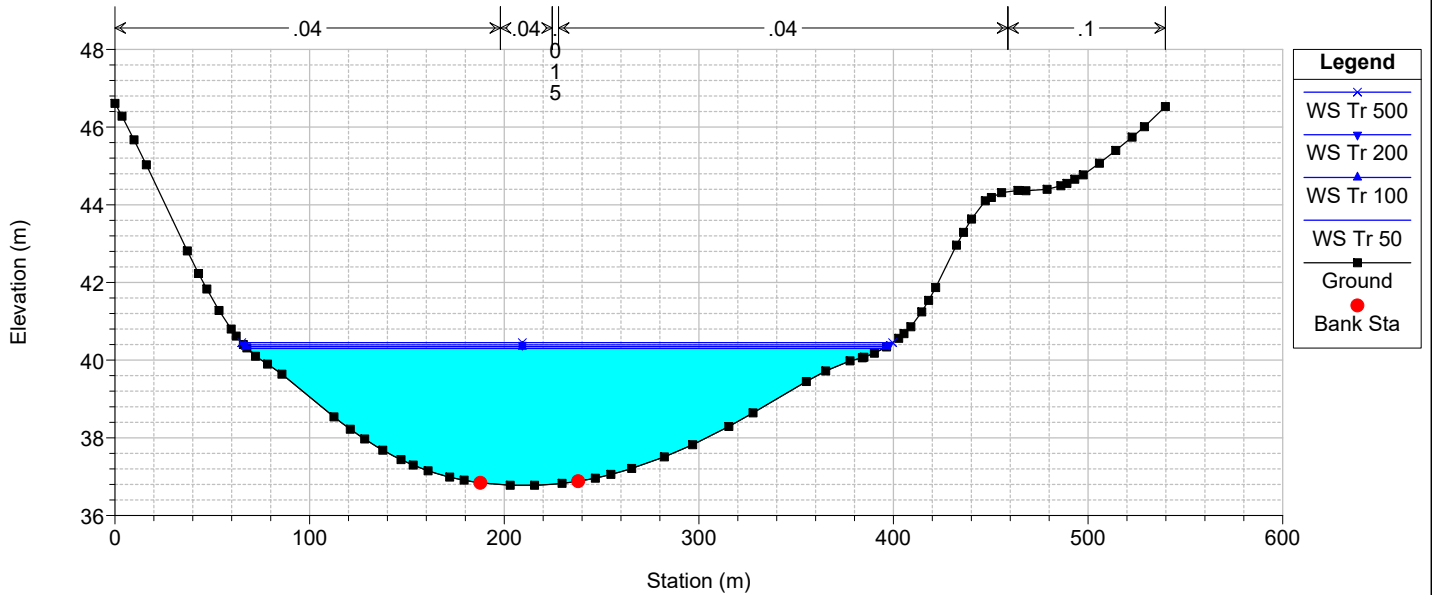
River = Rio Barca Reach = Monte RS = 3588.794 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

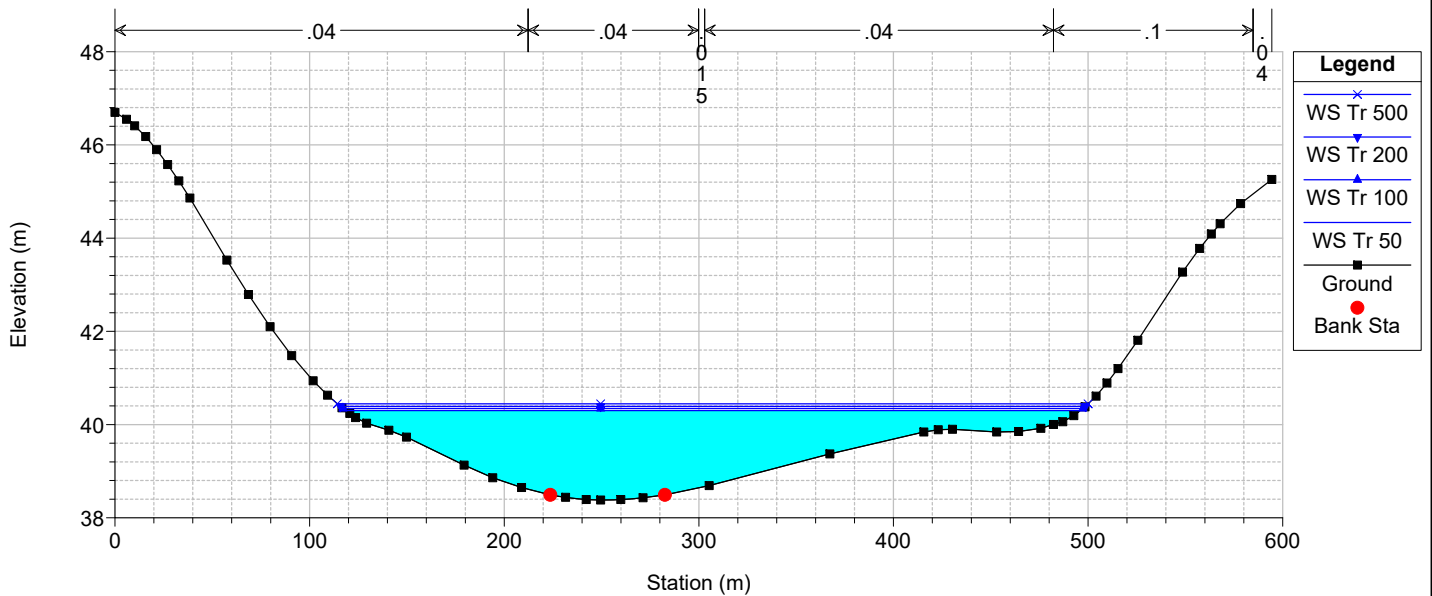
River = Rio Barca Reach = Monte RS = 3509.406 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

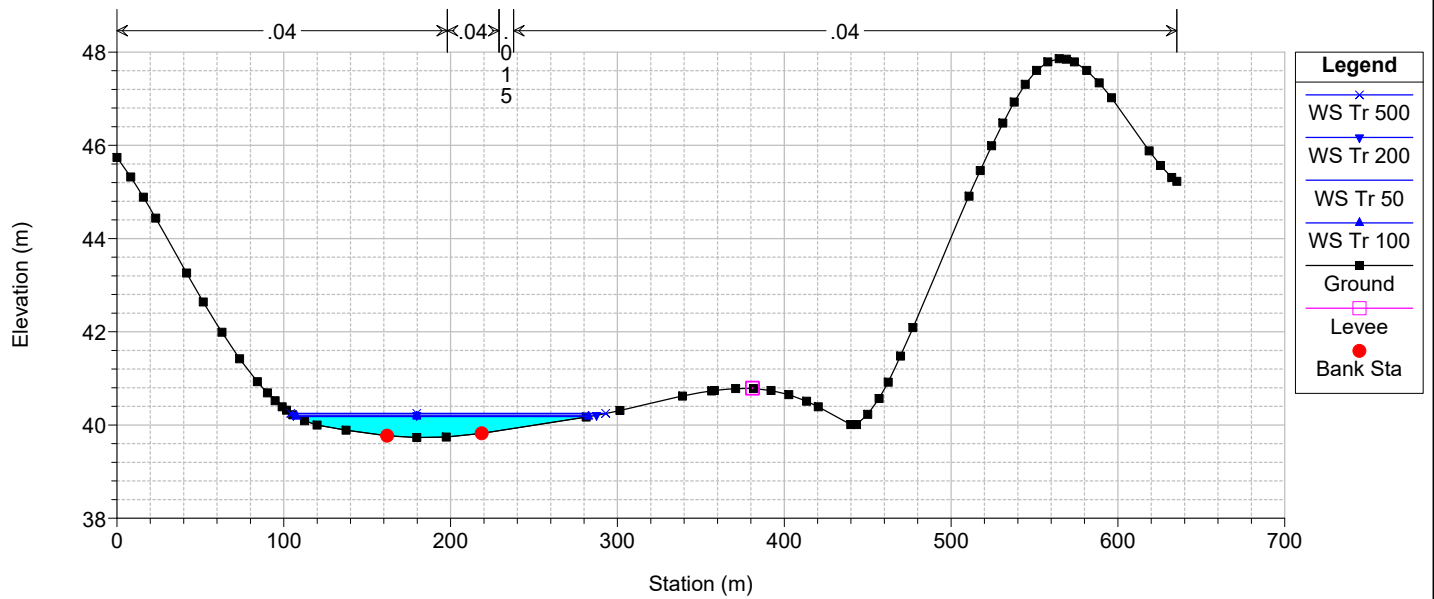
River = Rio Barca Reach = Monte RS = 3382.601 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

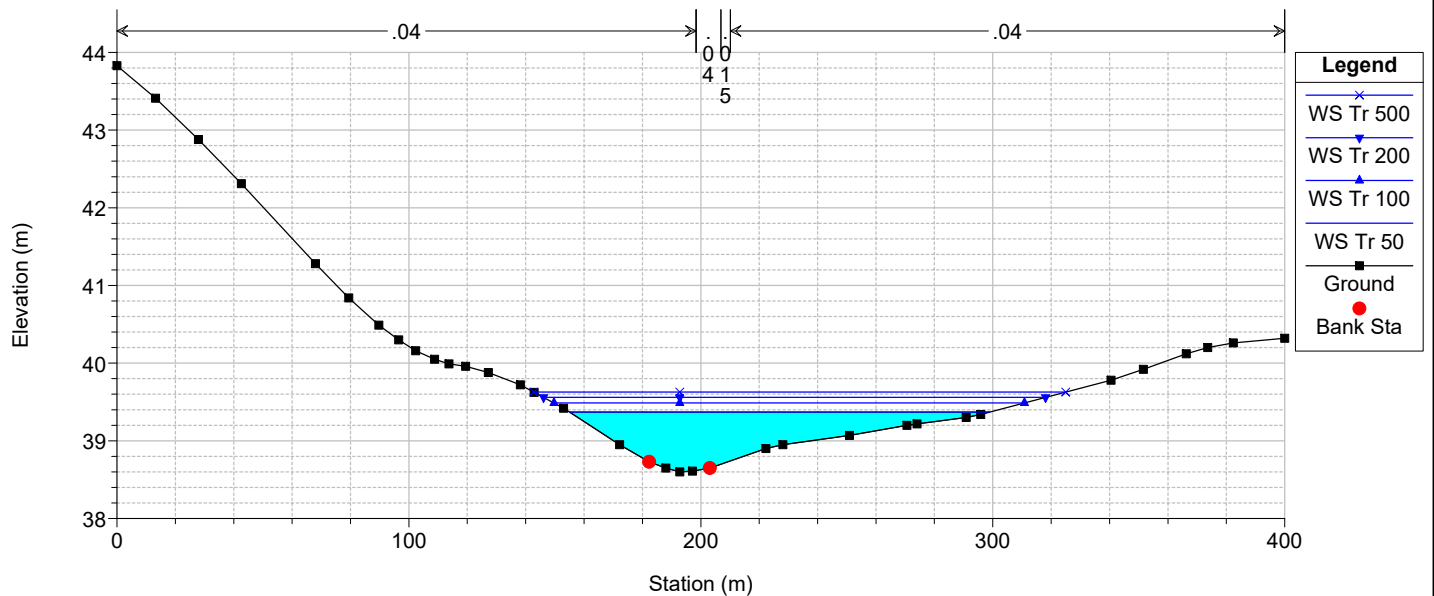
River = Rio Barca Reach = Monte RS = 3297.887 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

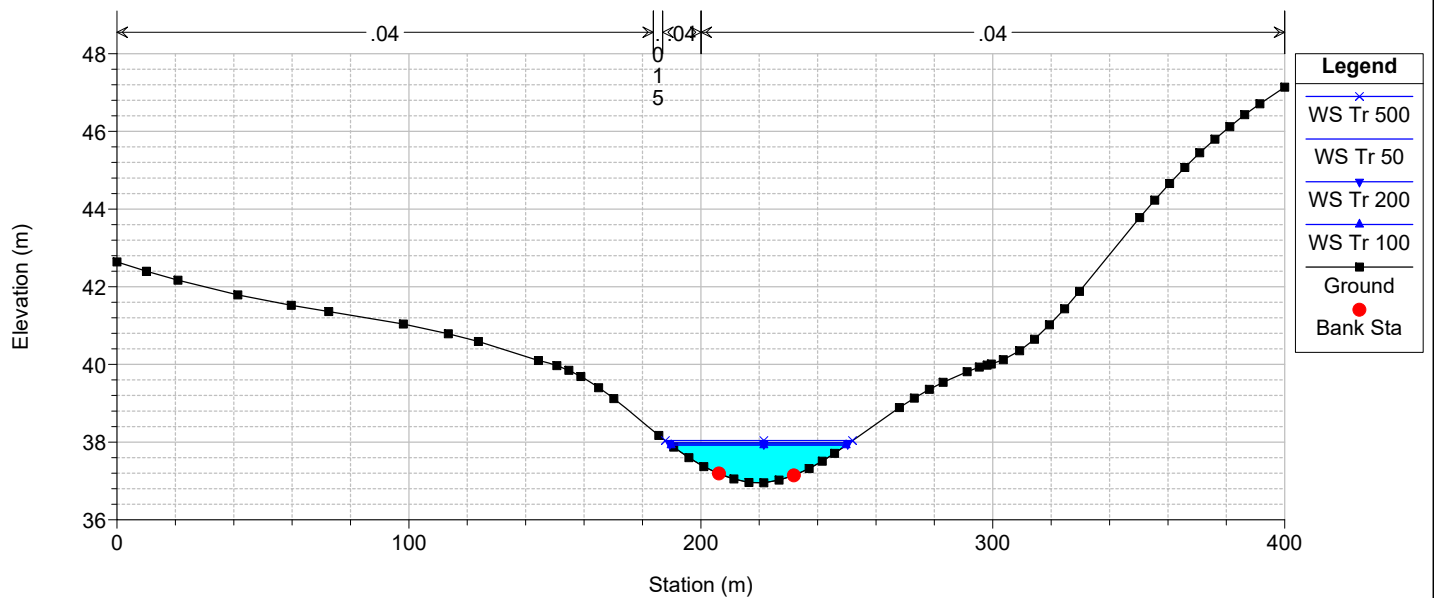
River = Rio Barca Reach = Monte RS = 3200 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

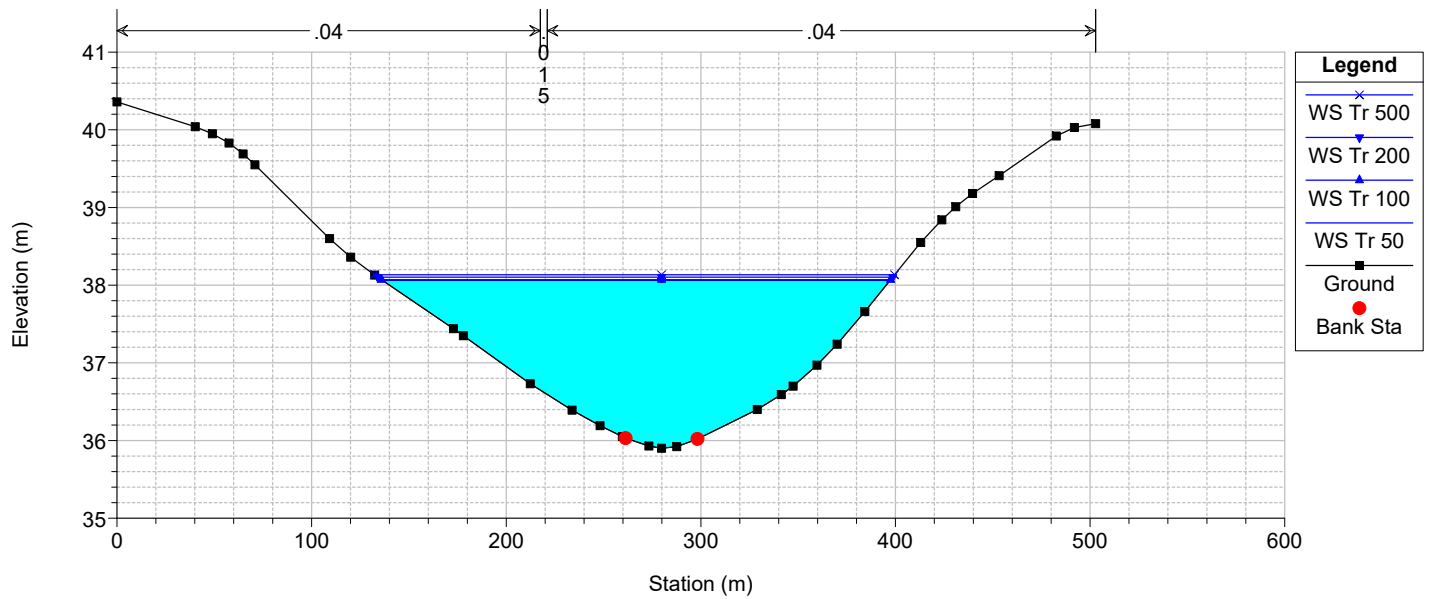
River = Rio Barca Reach = Monte RS = 3000 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

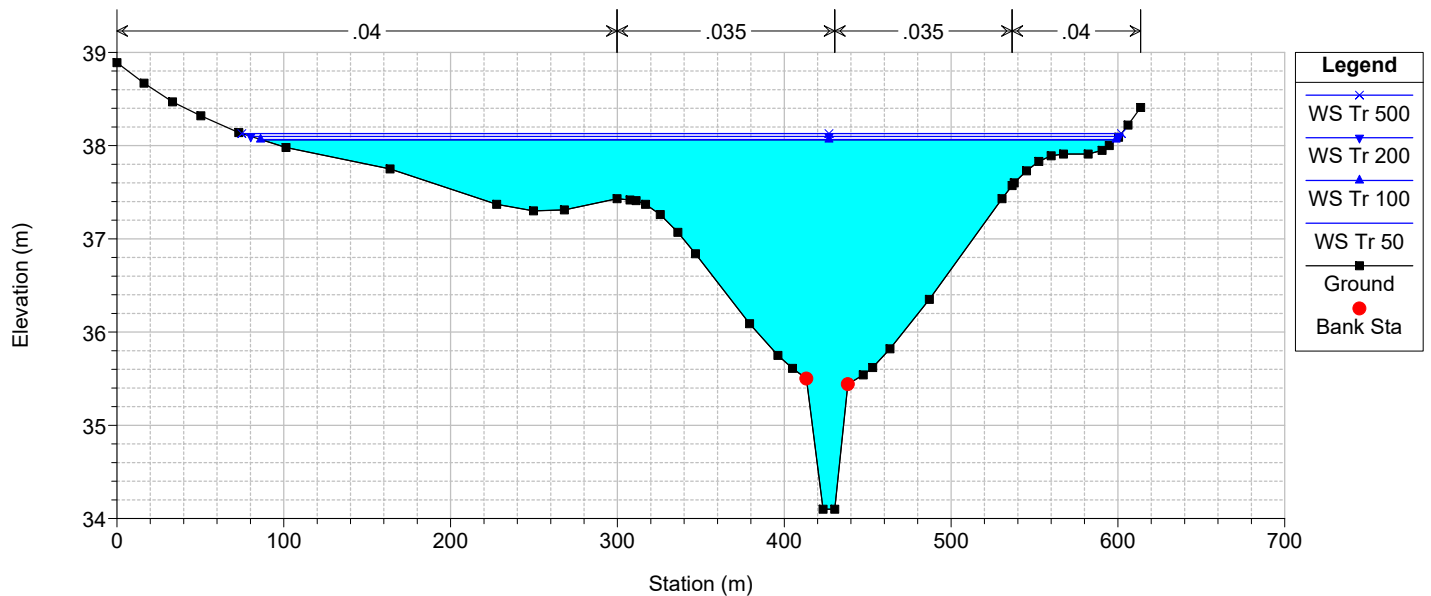
River = Rio Barca Reach = Monte RS = 2799.065 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

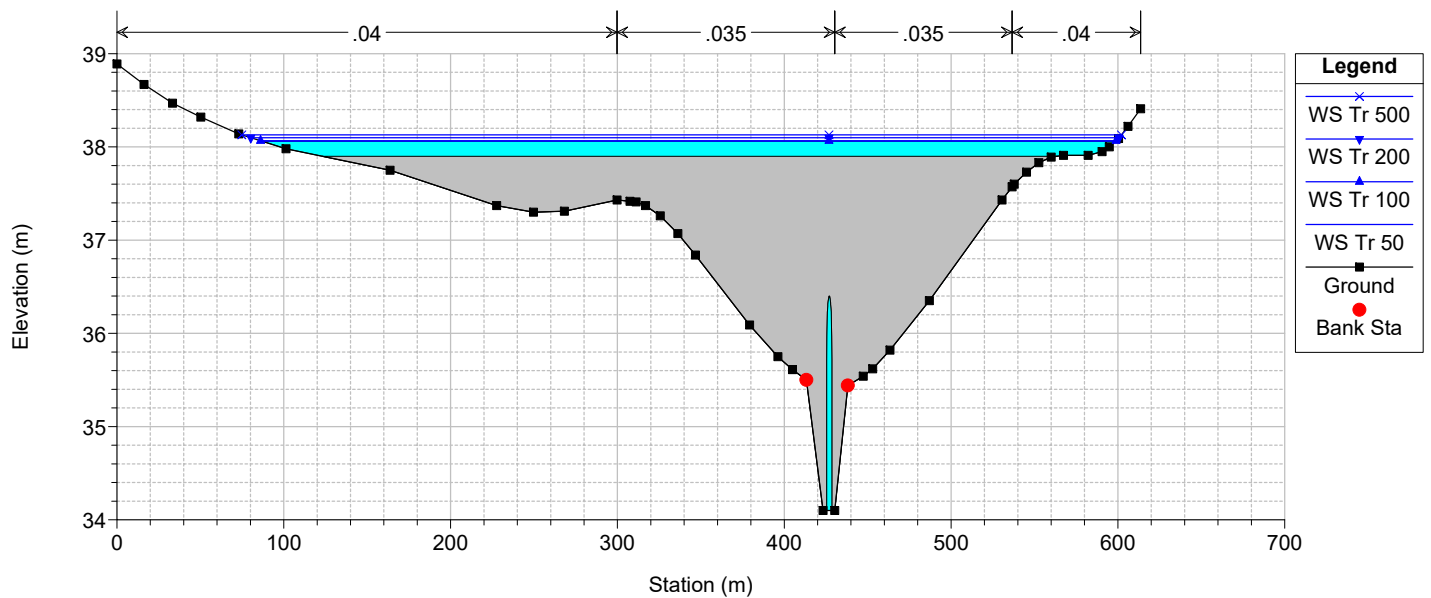
River = Rio Barca Reach = Monte RS = 2647.395 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

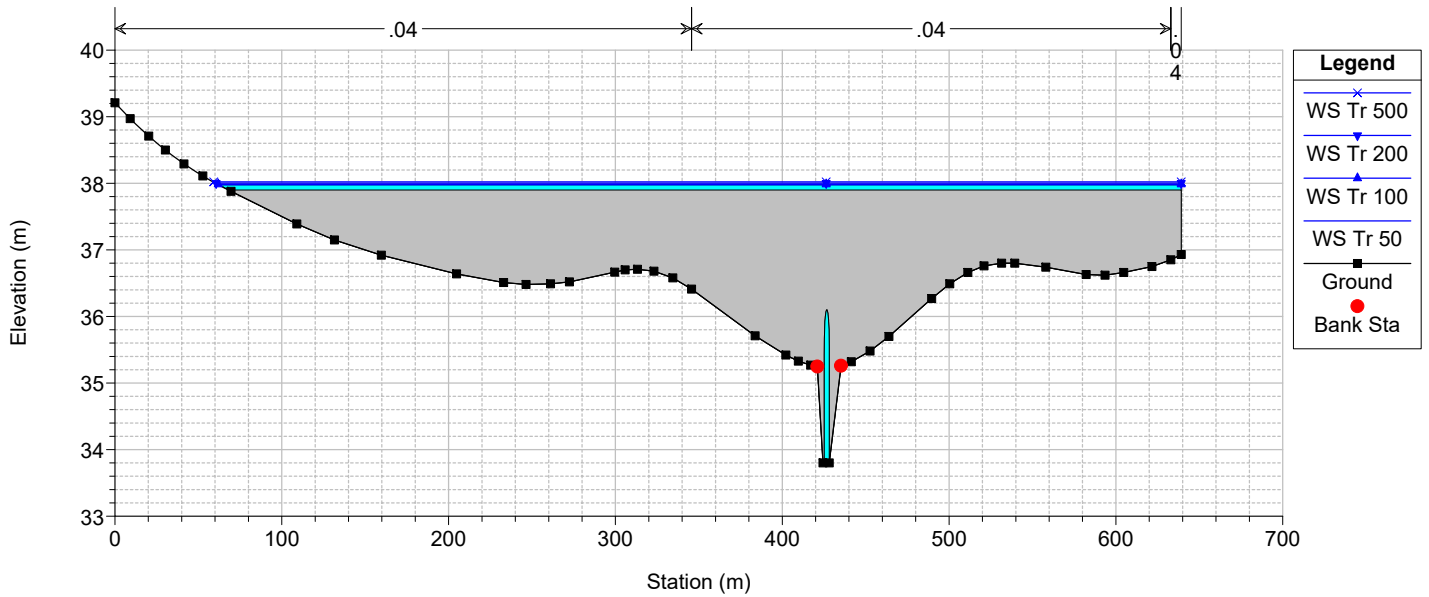
River = Rio Barca Reach = Monte RS = 2623.700 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

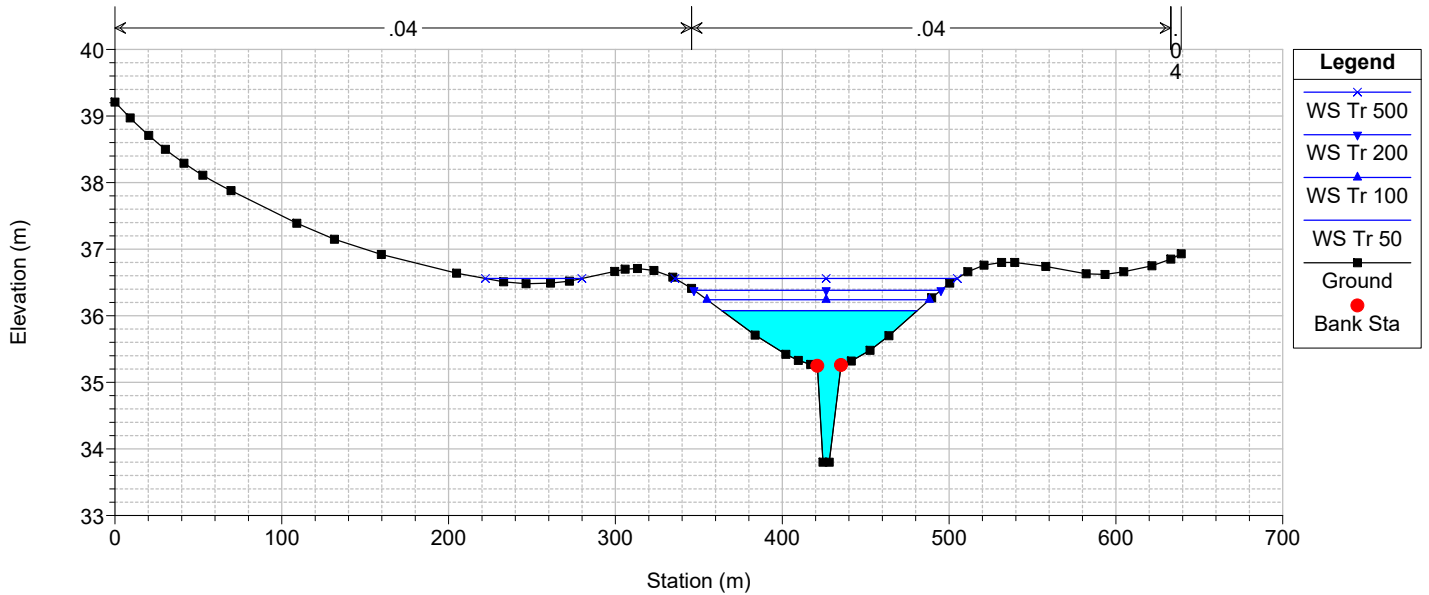
River = Rio Barca Reach = Monte RS = 2623.700 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

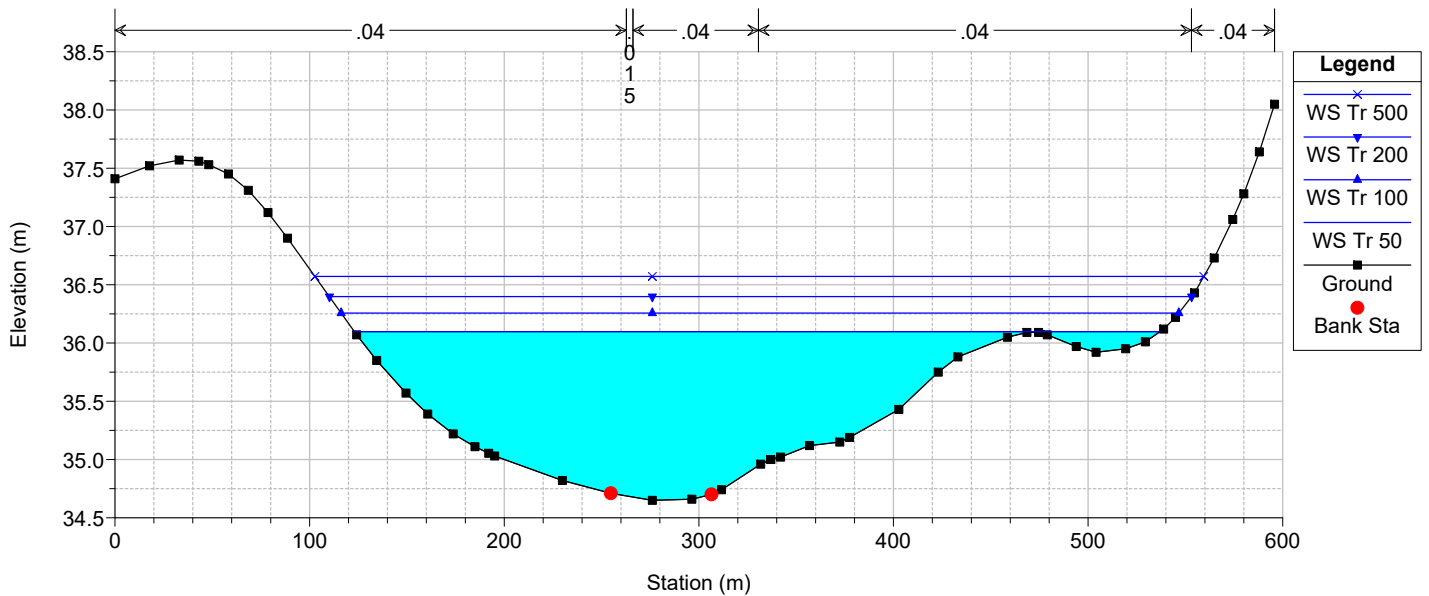
River = Rio Barca Reach = Monte RS = 2583.296 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

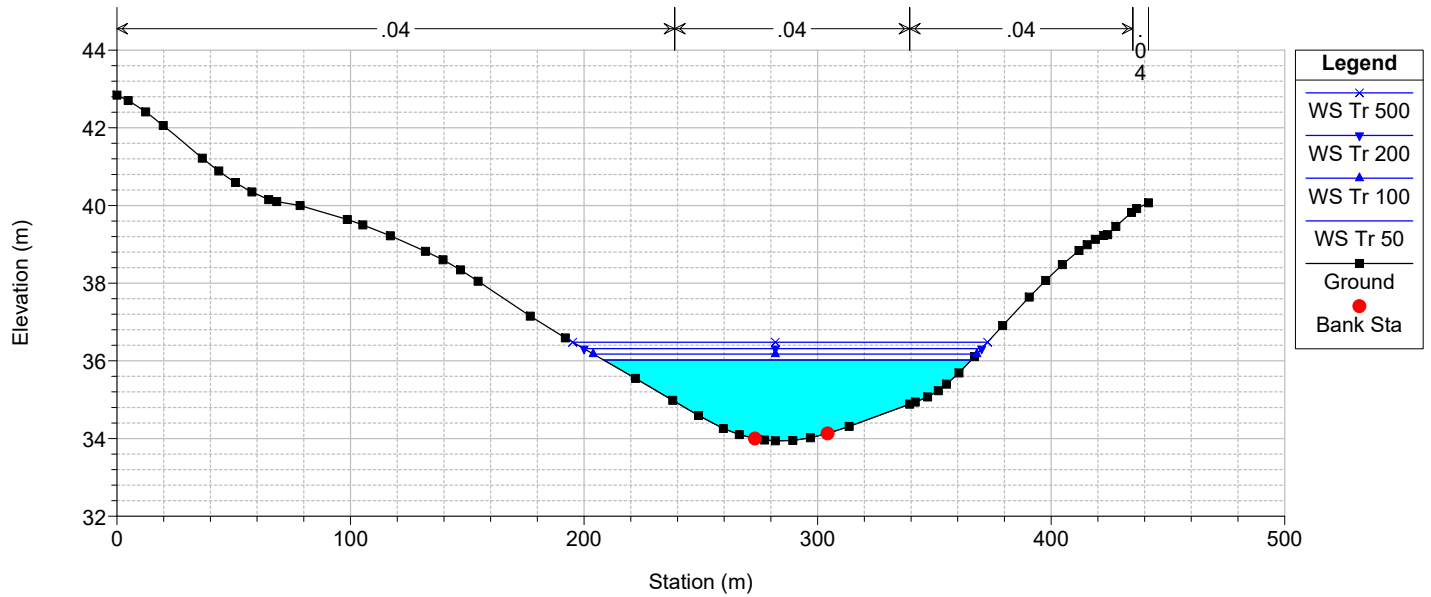
River = Rio Barca Reach = Monte RS = 2458.694 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

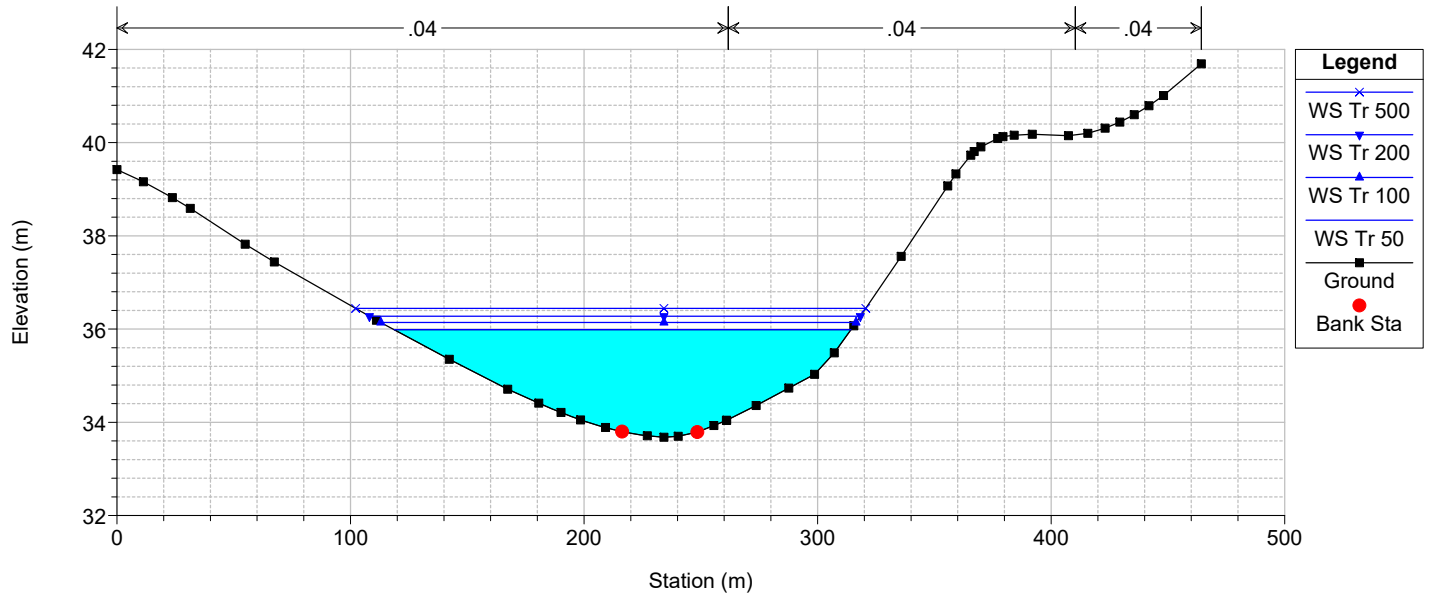
River = Rio Barca Reach = Centrale RS = 2198.231 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

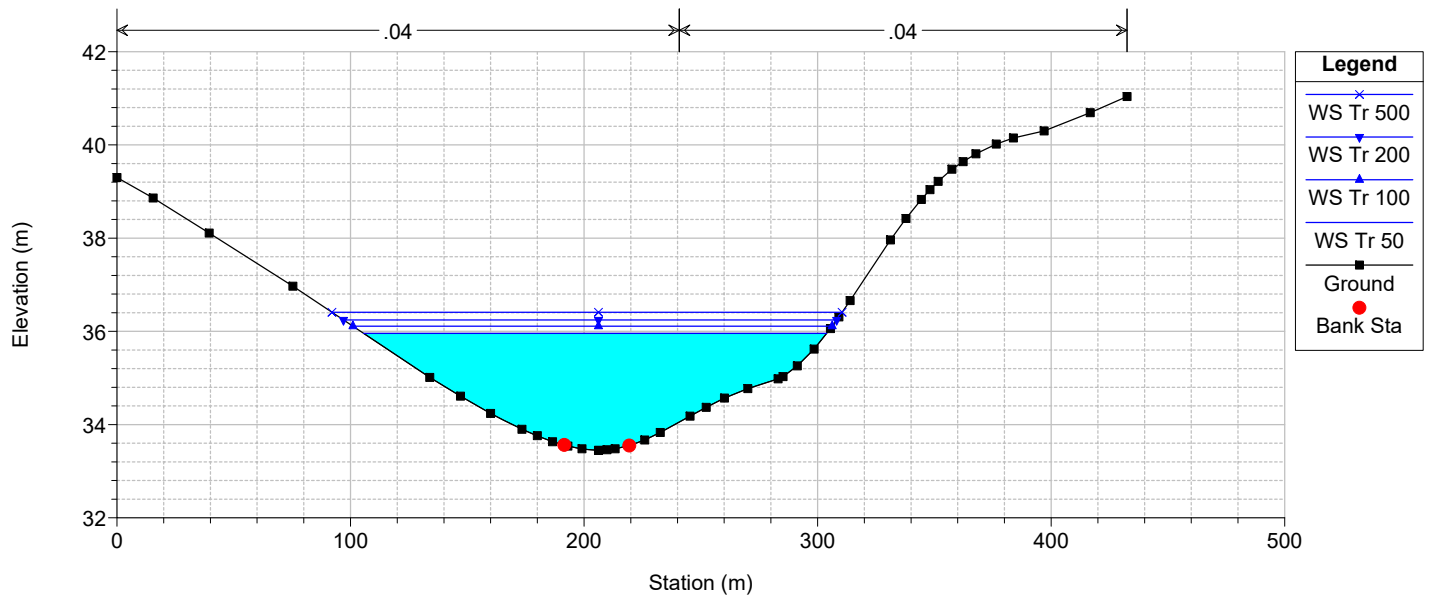
River = Rio Barca Reach = Centrale RS = 2110.156 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

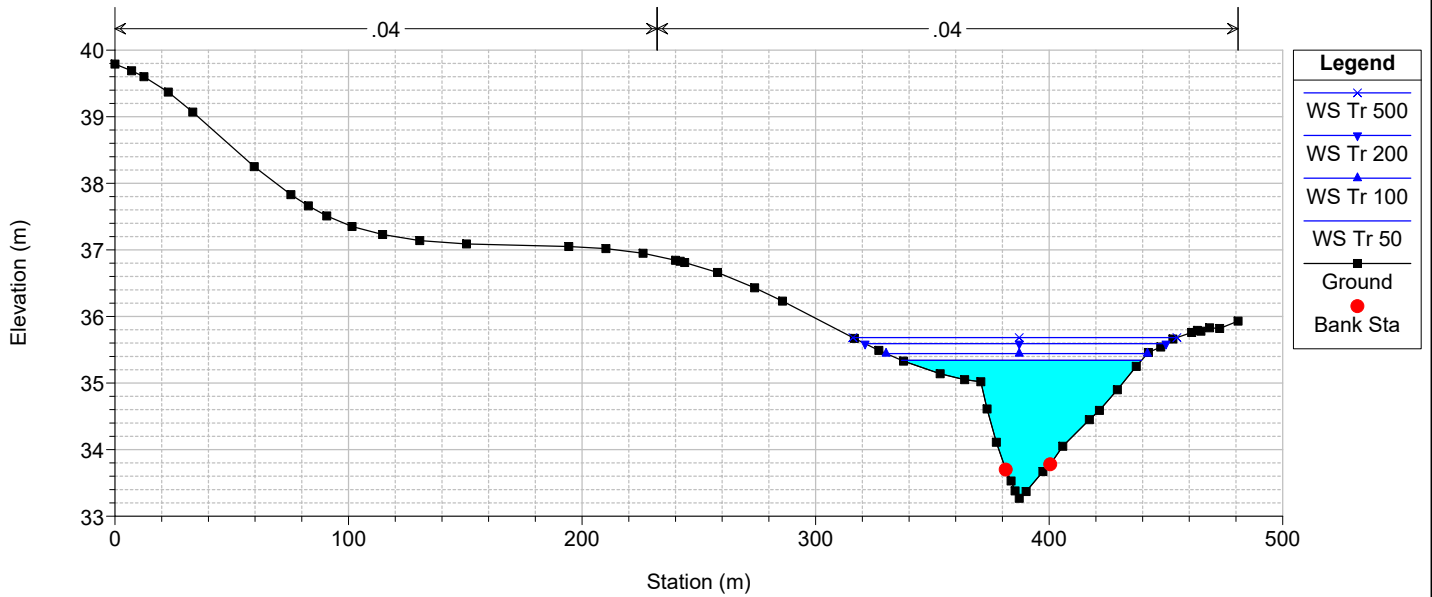
River = Rio Barca Reach = Centrale RS = 2025.050 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

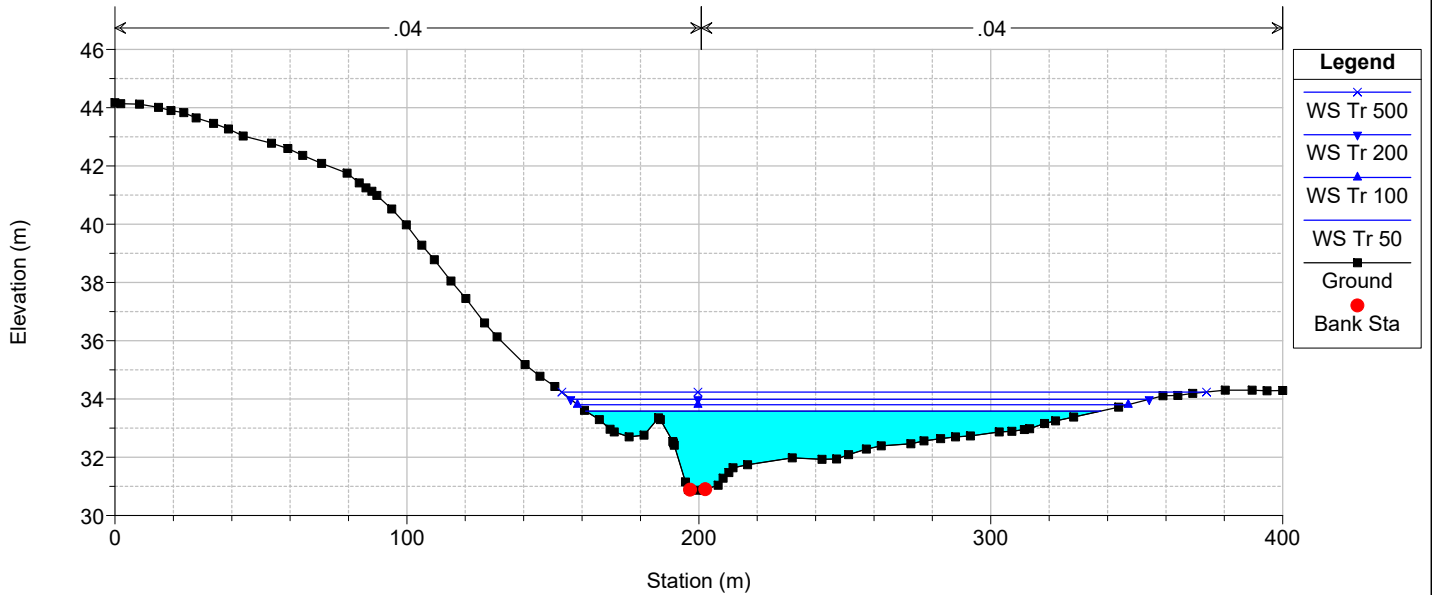
River = Rio Barca Reach = Valle RS = 1758.958 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

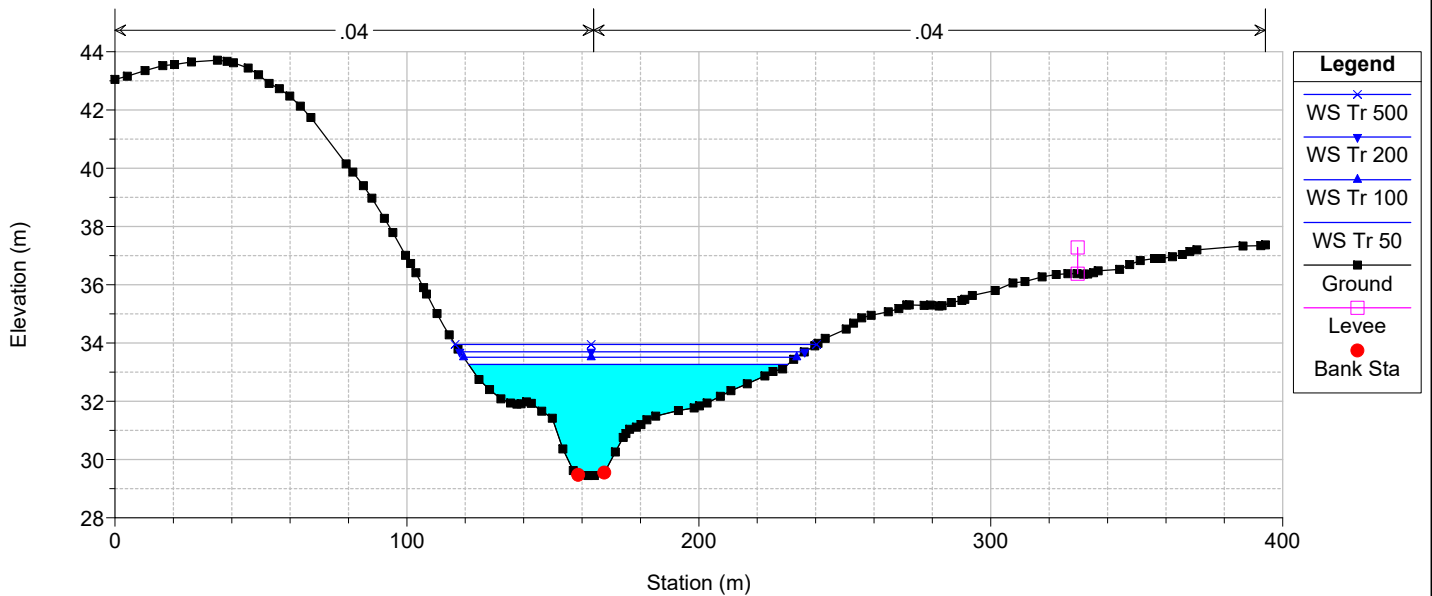
River = Rio Barca Reach = Valle RS = 1600 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

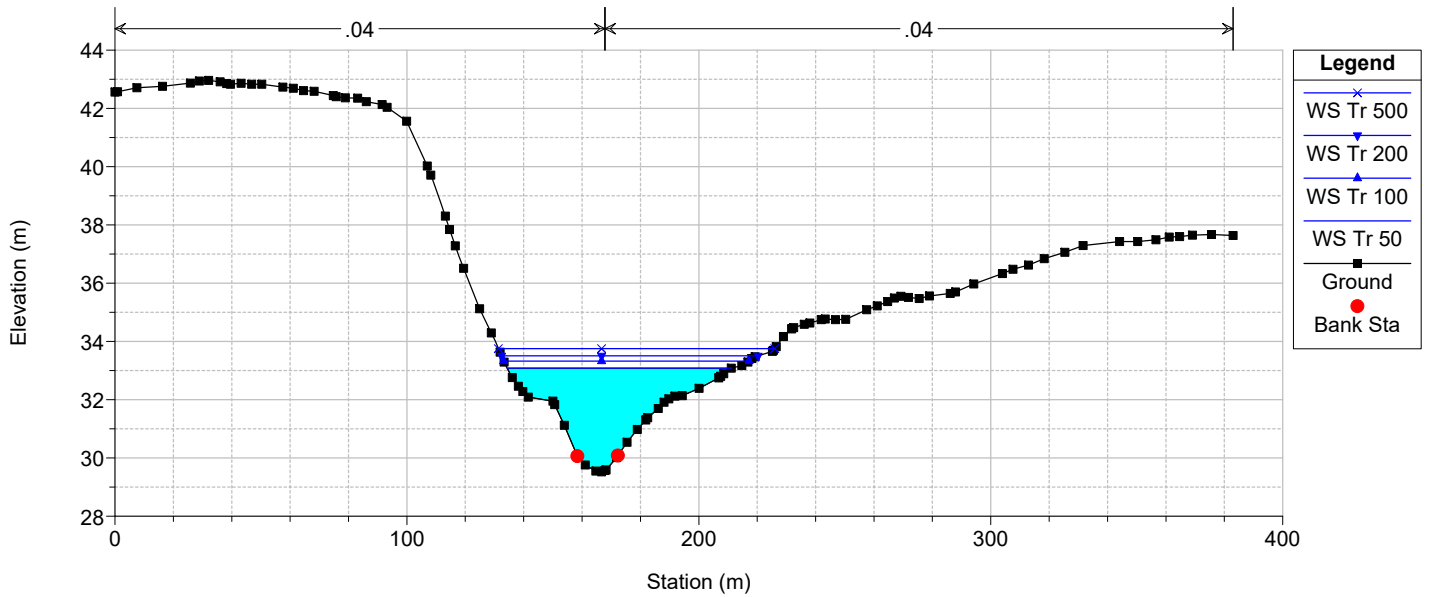
River = Rio Barca Reach = Valle RS = 1283.895 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

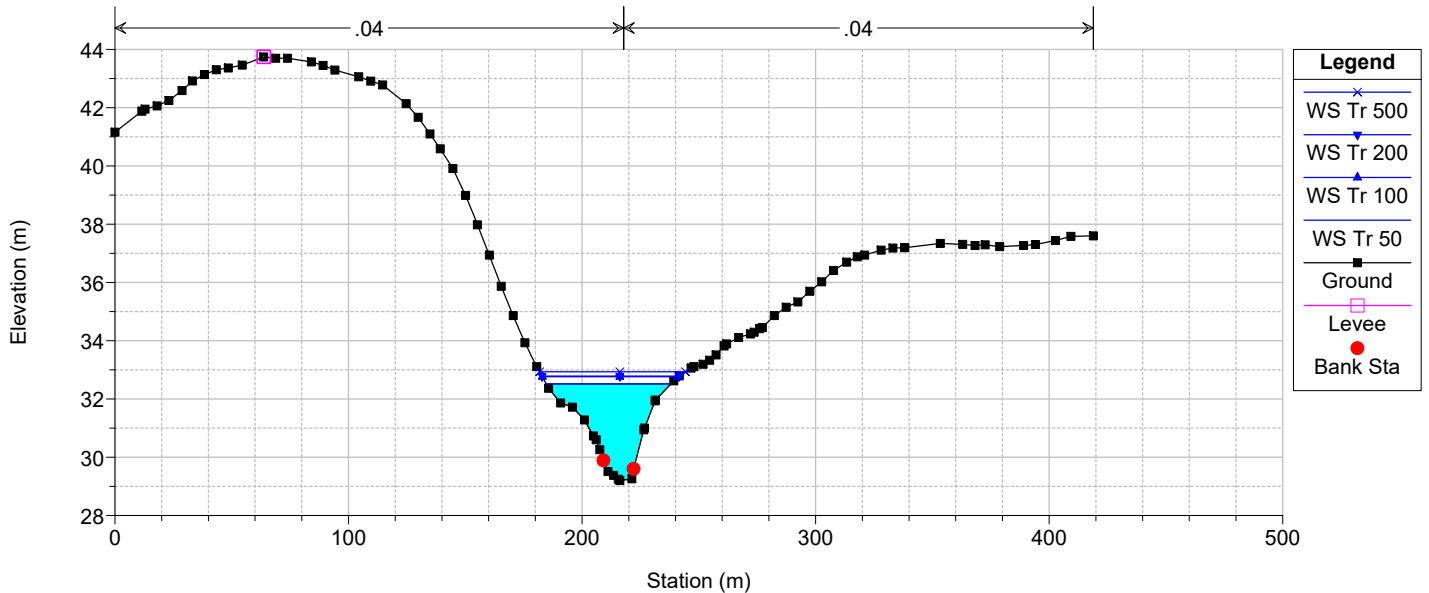
River = Rio Barca Reach = Valle RS = 1222.581 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

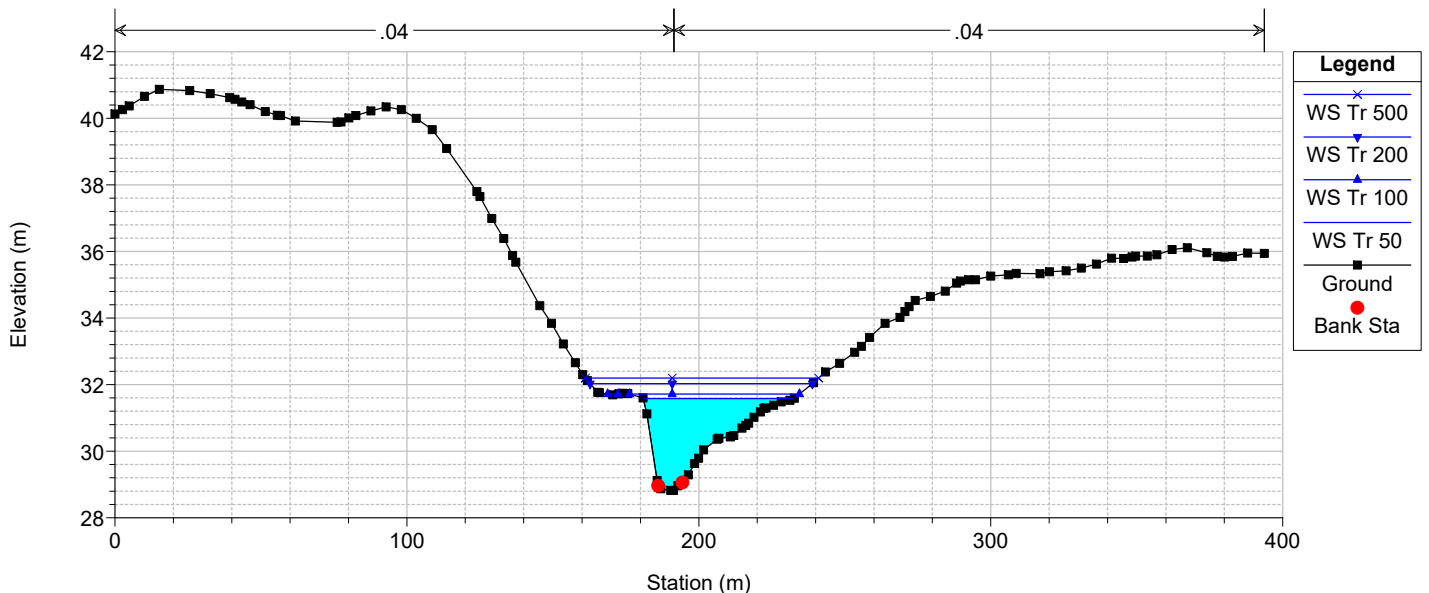
River = Rio Barca Reach = Valle RS = 1087.135 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

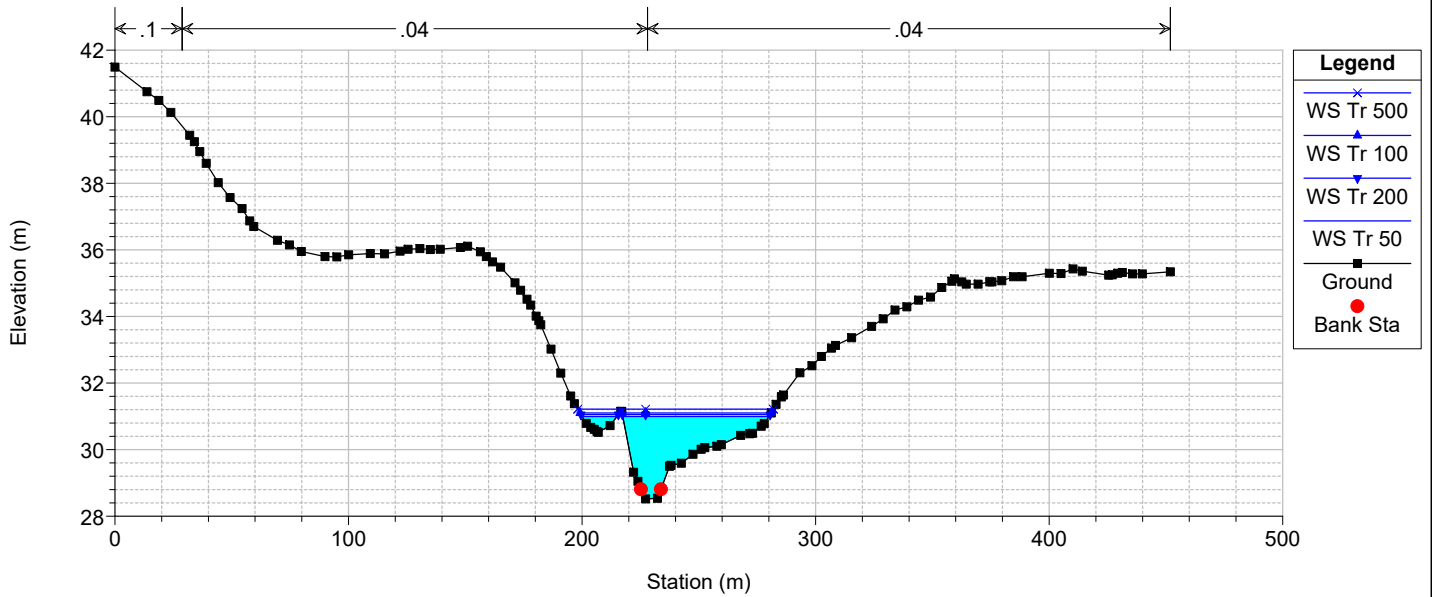
River = Rio Barca Reach = Valle RS = 966.3735 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

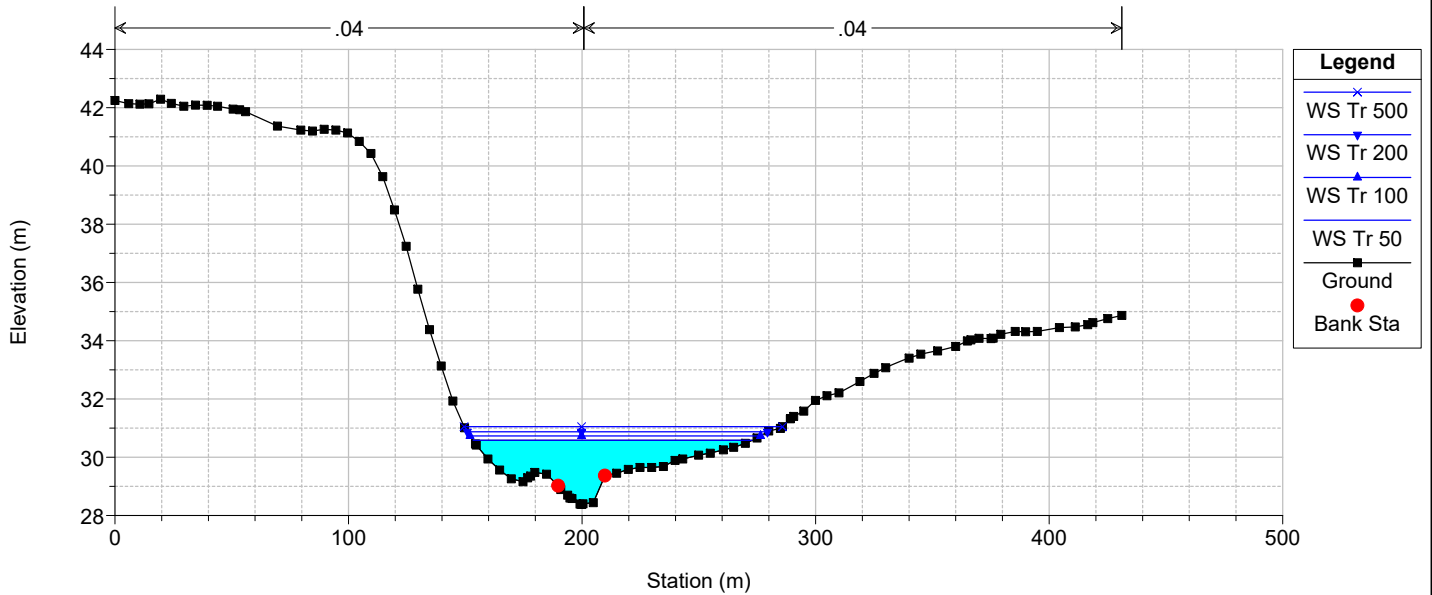
River = Rio Barca Reach = Valle RS = 878.0325 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

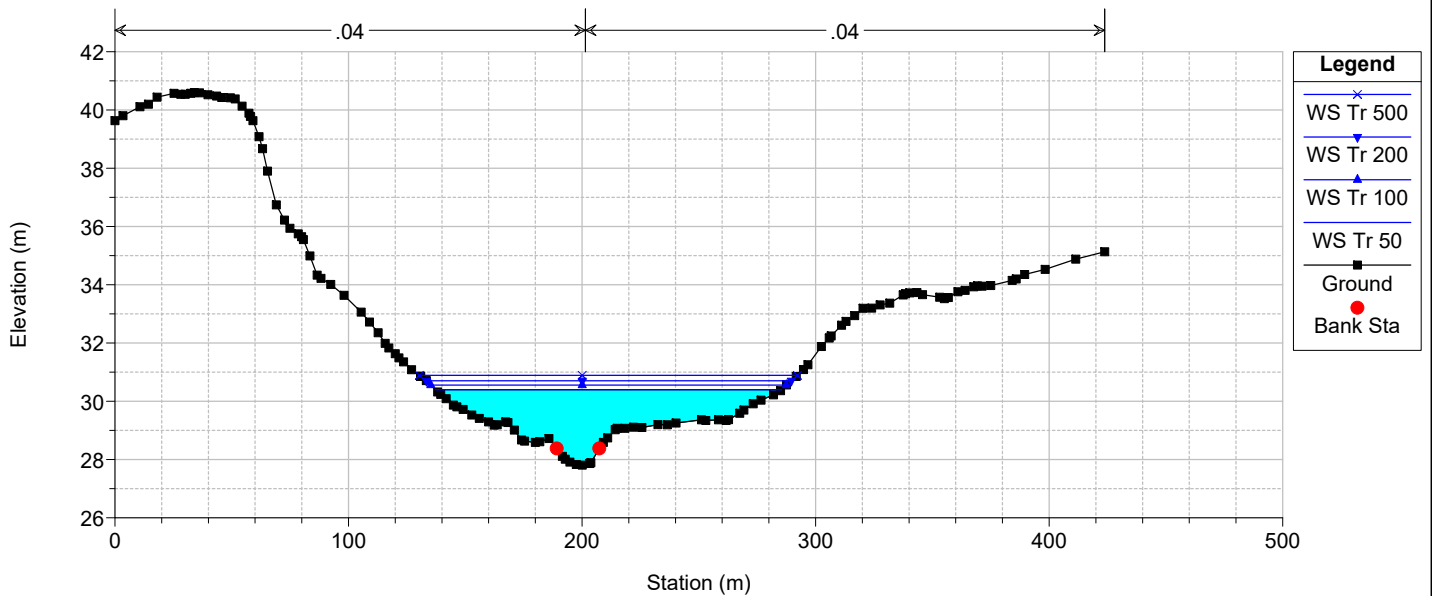
River = Rio Barca Reach = Valle RS = 792.4849 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

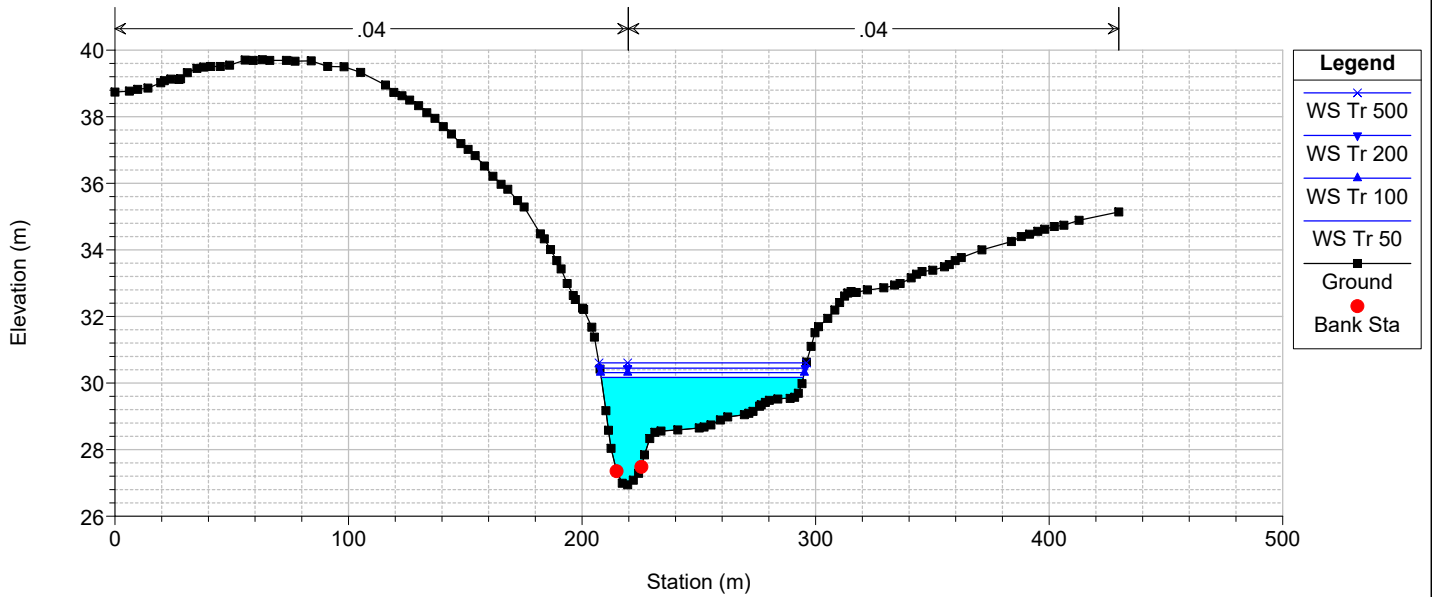
River = Rio Barca Reach = Valle RS = 662.7871 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

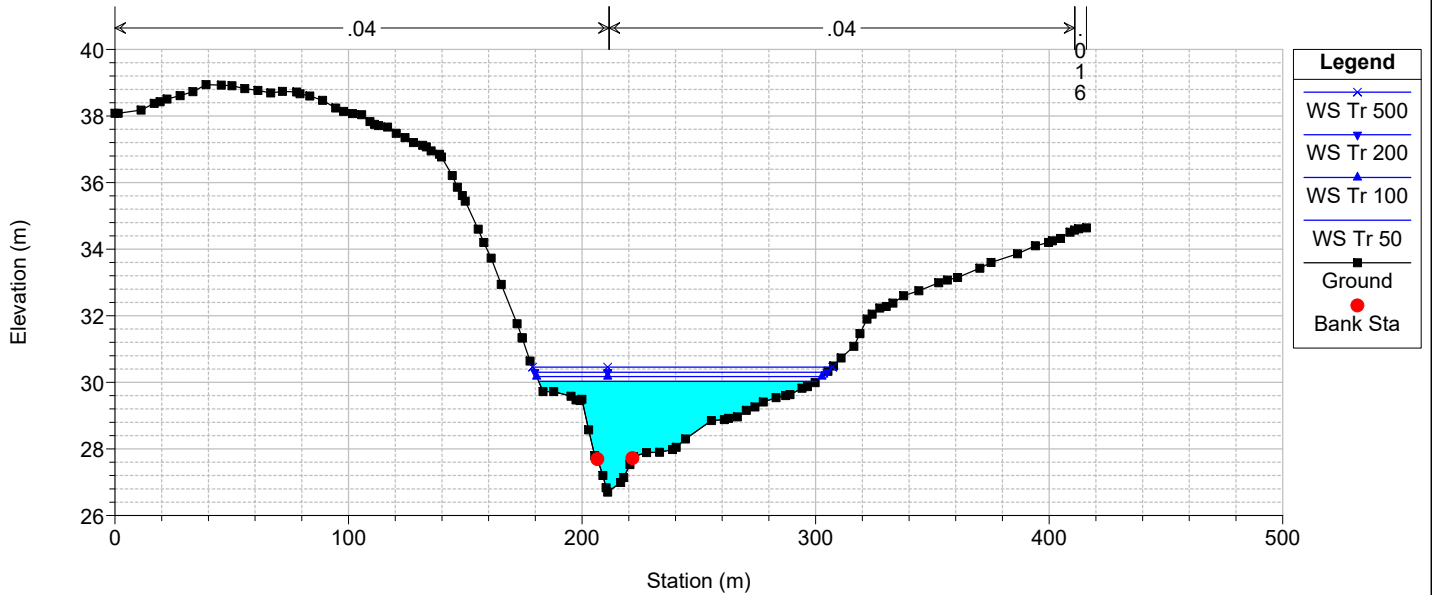
River = Rio Barca Reach = Valle RS = 579.0170 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

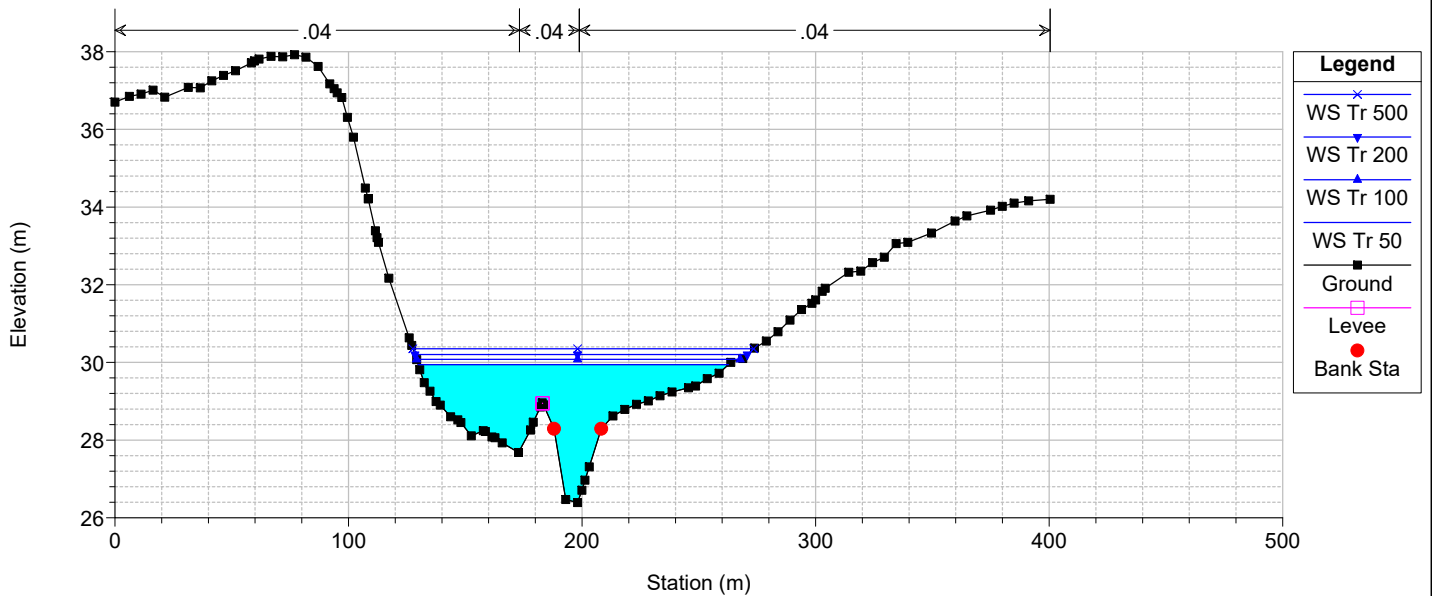
River = Rio Barca Reach = Valle RS = 480.4856 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

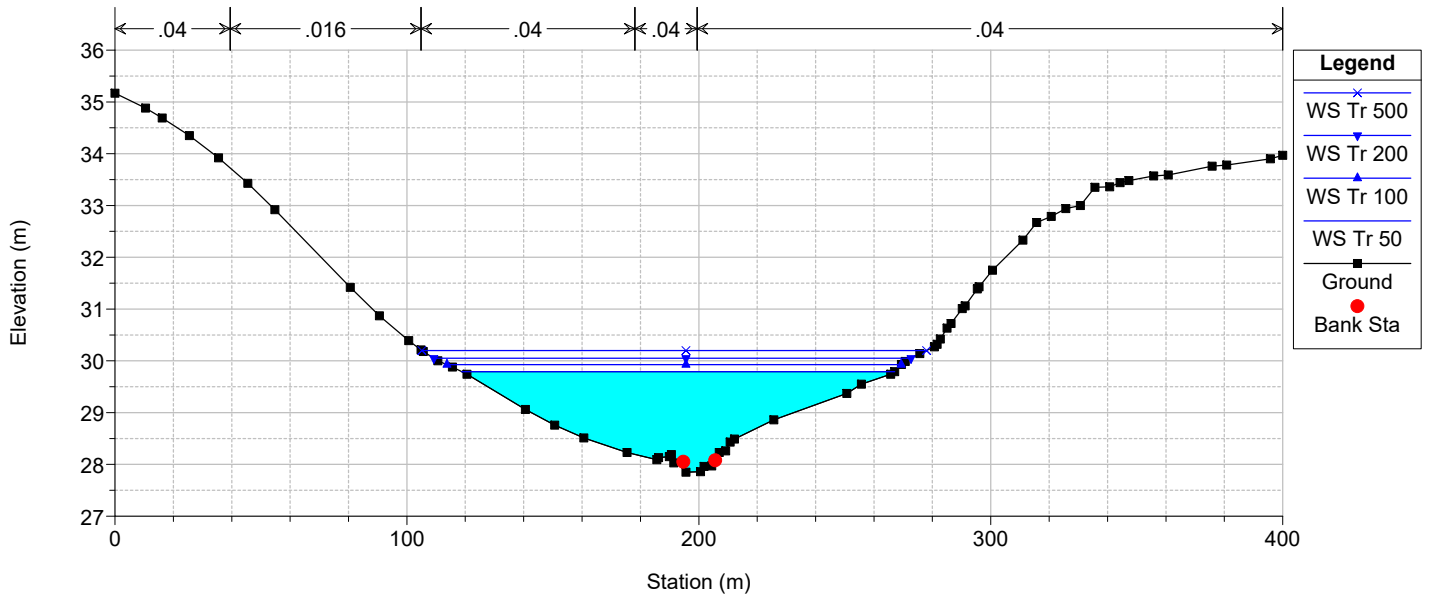
River = Rio Barca Reach = Valle RS = 380.6495 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

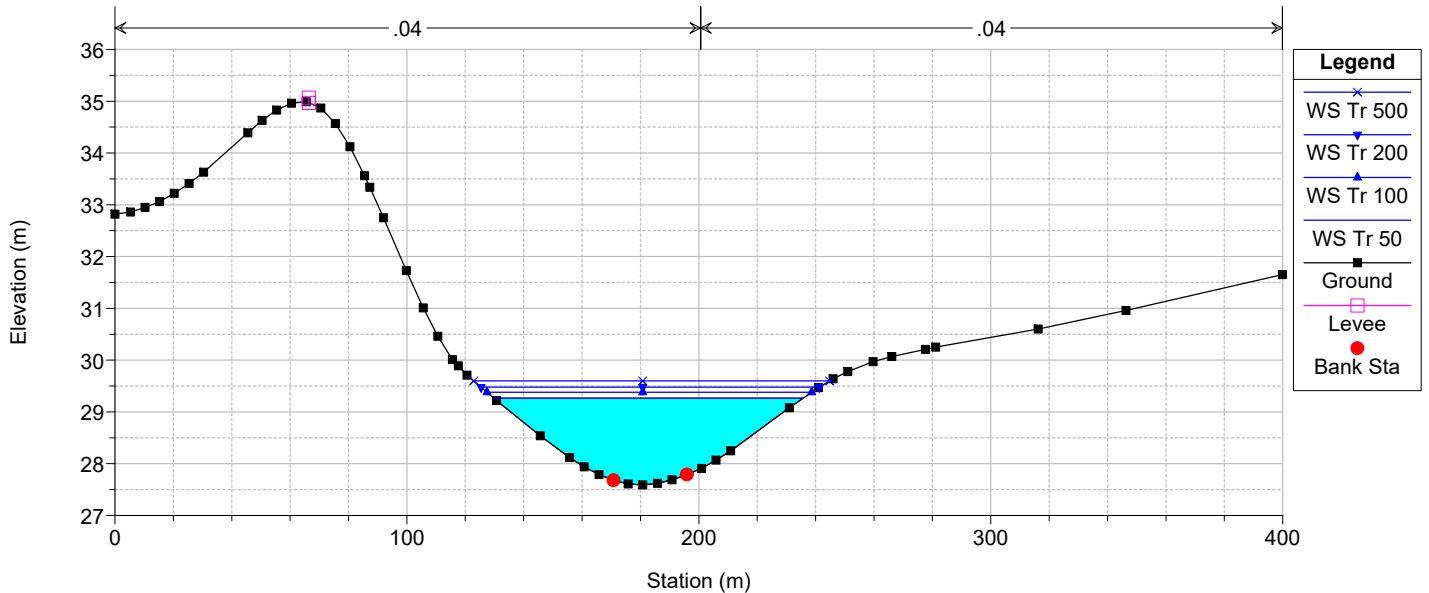
River = Rio Barca Reach = Valle RS = 300 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

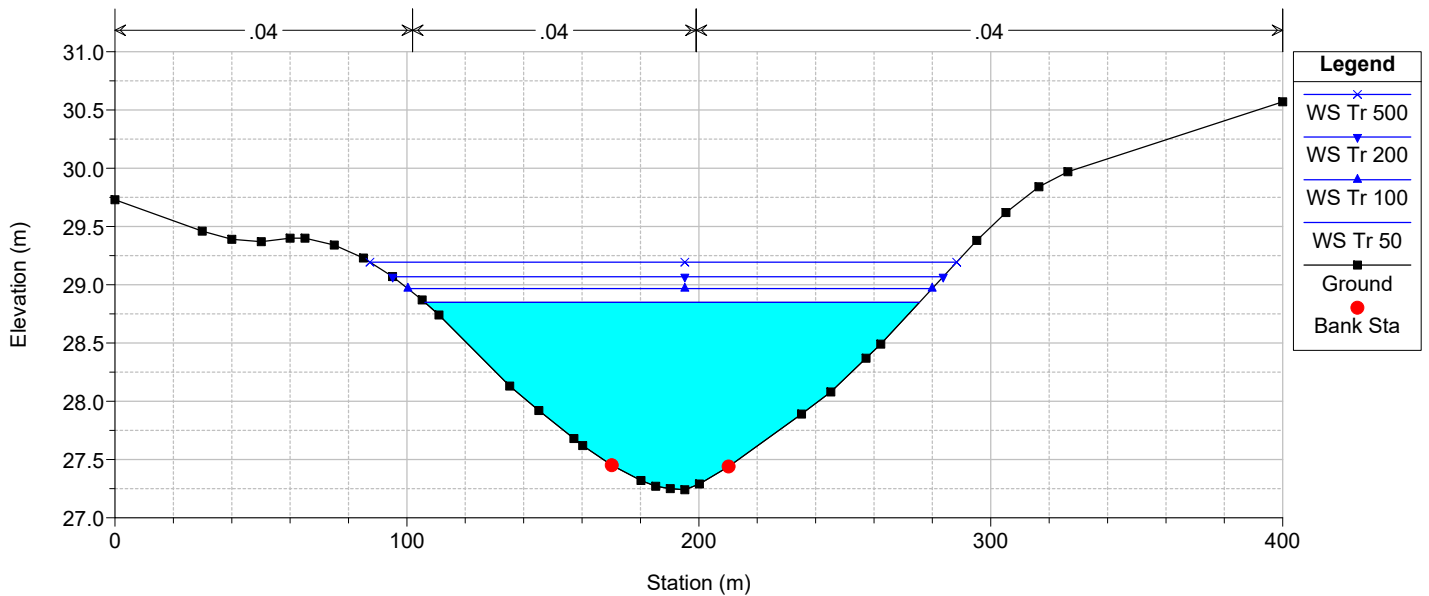
River = Rio Barca Reach = Valle RS = 174.4036 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



21-nov-2012-4 Plan: 15022021 2/15/2021

Geom: 15022021 Flow: 15022021

River = Rio Barca Reach = Valle RS = 24.24793 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	6300	Tr 50	67.82	52.57	53.61	53.51	53.82	0.008900	2.26	34.85	54.23	0.74
Monte	6300	Tr 100	80.15	52.57	53.69	53.59	53.93	0.008546	2.35	39.83	57.30	0.74
Monte	6300	Tr 200	92.54	52.57	53.78	53.66	54.03	0.008318	2.44	44.58	60.05	0.74
Monte	6300	Tr 500	109.00	52.57	53.88	53.75	54.14	0.007986	2.53	50.90	63.48	0.74
Monte	6200	Tr 50	67.82	51.59	52.68	52.58	52.92	0.009200	2.27	33.44	49.70	0.76
Monte	6200	Tr 100	80.15	51.59	52.76	52.67	53.02	0.009452	2.43	37.32	51.92	0.78
Monte	6200	Tr 200	92.54	51.59	52.83	52.74	53.12	0.009683	2.57	41.03	53.95	0.79
Monte	6200	Tr 500	109.00	51.59	52.91	52.84	53.25	0.010040	2.75	45.56	56.34	0.82
Monte	6100	Tr 50	67.82	50.49	51.48	51.48	51.79	0.013917	2.61	29.06	47.71	0.91
Monte	6100	Tr 100	80.15	50.49	51.56	51.56	51.90	0.013421	2.73	33.18	50.36	0.91
Monte	6100	Tr 200	92.54	50.49	51.64	51.64	52.00	0.013020	2.84	37.21	52.81	0.91
Monte	6100	Tr 500	109.00	50.49	51.73	51.73	52.12	0.012550	2.97	42.46	55.77	0.91
Monte	6000	Tr 50	67.82	49.48	51.21	50.32	51.23	0.000577	0.83	101.55	95.06	0.21
Monte	6000	Tr 100	80.15	49.48	51.22	50.39	51.26	0.000774	0.97	103.06	95.62	0.24
Monte	6000	Tr 200	92.54	49.48	51.27	50.45	51.31	0.000926	1.08	107.18	97.15	0.27
Monte	6000	Tr 500	109.00	49.48	51.30	50.54	51.36	0.001184	1.24	110.38	98.32	0.30
Monte	5966.680	Tr 50	67.82	49.15	51.21		51.22	0.000181	0.53	171.20	141.75	0.12
Monte	5966.680	Tr 100	80.15	49.15	51.23		51.24	0.000243	0.62	173.57	142.44	0.14
Monte	5966.680	Tr 200	92.54	49.15	51.27		51.29	0.000293	0.69	179.85	144.24	0.15
Monte	5966.680	Tr 500	109.00	49.15	51.30		51.32	0.000376	0.79	184.83	145.65	0.17
Monte	5592.174	Tr 50	67.82	45.95	51.21	46.44	51.21	0.000001	0.06	1326.78	369.41	0.01
Monte	5592.174	Tr 100	80.15	45.95	51.23	46.48	51.23	0.000001	0.07	1333.64	369.87	0.01
Monte	5592.174	Tr 200	92.54	45.95	51.28	46.52	51.28	0.000001	0.09	1350.47	370.99	0.01
Monte	5592.174	Tr 500	109.00	45.95	51.32	46.57	51.32	0.000002	0.10	1364.23	371.90	0.01
Monte	5524.076		Culvert									
Monte	5461.558	Tr 50	67.82	44.95	45.72		45.78	0.003691	1.23	64.79	120.18	0.46
Monte	5461.558	Tr 100	80.15	44.95	45.78		45.85	0.003775	1.31	72.09	124.07	0.47
Monte	5461.558	Tr 200	92.54	44.95	45.83		45.91	0.003880	1.39	78.76	127.18	0.48
Monte	5461.558	Tr 500	109.00	44.95	45.90		45.98	0.003956	1.47	87.47	130.94	0.49
Monte	5397.948	Tr 50	67.82	44.52	45.21	45.21	45.37	0.012776	2.07	43.05	124.56	0.84
Monte	5397.948	Tr 100	80.15	44.52	45.25	45.25	45.43	0.013011	2.19	48.39	128.89	0.85
Monte	5397.948	Tr 200	92.54	44.52	45.29	45.29	45.48	0.012986	2.27	53.81	133.03	0.86
Monte	5397.948	Tr 500	109.00	44.52	45.34	45.34	45.54	0.013342	2.40	59.99	137.27	0.88
Monte	5329.683	Tr 50	67.82	43.91	44.65	44.46	44.71	0.004044	1.25	68.10	154.79	0.48
Monte	5329.683	Tr 100	80.15	43.91	44.71	44.50	44.77	0.004108	1.33	76.59	162.90	0.49
Monte	5329.683	Tr 200	92.54	43.91	44.76	44.54	44.83	0.004072	1.38	85.47	170.98	0.49
Monte	5329.683	Tr 500	109.00	43.91	44.82	44.60	44.90	0.004100	1.46	96.26	180.31	0.50
Monte	5258.597	Tr 50	67.82	43.41	44.01	44.01	44.20	0.015706	2.04	38.95	109.53	0.90
Monte	5258.597	Tr 100	80.15	43.41	44.06	44.06	44.26	0.015153	2.13	44.62	116.15	0.90
Monte	5258.597	Tr 200	92.54	43.41	44.11	44.11	44.32	0.015063	2.23	49.74	122.06	0.90
Monte	5258.597	Tr 500	109.00	43.41	44.16	44.16	44.39	0.014534	2.32	56.94	130.10	0.90
Monte	5165.266	Tr 50	67.82	42.44	43.09	42.93	43.16	0.005191	1.33	63.16	149.57	0.53
Monte	5165.266	Tr 100	80.15	42.44	43.16	42.97	43.23	0.004831	1.37	72.91	157.27	0.52
Monte	5165.266	Tr 200	92.54	42.44	43.22	43.01	43.29	0.004552	1.41	82.42	164.15	0.51
Monte	5165.266	Tr 500	109.00	42.44	43.29	43.06	43.36	0.004243	1.44	94.73	171.78	0.50
Monte	5000	Tr 50	67.82	41.52	42.52		42.57	0.002565	1.19	69.16	114.64	0.40
Monte	5000	Tr 100	80.15	41.52	42.59		42.65	0.002614	1.26	77.64	120.56	0.41
Monte	5000	Tr 200	92.54	41.52	42.65		42.72	0.002657	1.33	85.78	125.98	0.41
Monte	5000	Tr 500	109.00	41.52	42.73		42.81	0.002713	1.41	96.06	132.52	0.42
Monte	4900	Tr 50	67.82	41.13	41.82	41.82	42.03	0.016362	2.42	35.56	84.35	0.95
Monte	4900	Tr 100	80.15	41.13	41.87	41.87	42.10	0.015993	2.52	40.51	89.16	0.95
Monte	4900	Tr 200	92.54	41.13	41.93	41.93	42.17	0.015718	2.62	45.29	93.55	0.96
Monte	4900	Tr 500	109.00	41.13	41.99	41.99	42.25	0.015391	2.74	51.46	98.87	0.96
Monte	4800	Tr 50	67.82	40.40	41.08	40.88	41.13	0.003979	1.20	67.77	150.21	0.47
Monte	4800	Tr 100	80.15	40.40	41.13	40.92	41.19	0.004060	1.28	75.56	156.18	0.48
Monte	4800	Tr 200	92.54	40.40	41.18	40.96	41.25	0.004113	1.34	83.16	161.78	0.49
Monte	4800	Tr 500	109.00	40.40	41.24	41.01	41.31	0.004139	1.41	93.07	168.58	0.50
Monte	4700	Tr 50	67.82	39.96	40.65		40.71	0.004643	1.29	67.04	152.05	0.51
Monte	4700	Tr 100	80.15	39.96	40.71		40.77	0.004301	1.32	77.20	158.68	0.50
Monte	4700	Tr 200	92.54	39.96	40.78		40.84	0.004031	1.35	87.01	163.91	0.49
Monte	4700	Tr 500	109.00	39.96	40.85		40.92	0.003765	1.39	99.57	170.37	0.48
Monte	4600	Tr 50	67.82	39.30	40.33		40.38	0.002344	1.21	72.28	116.11	0.39
Monte	4600	Tr 100	80.15	39.30	40.39		40.45	0.002582	1.32	78.55	119.10	0.41
Monte	4600	Tr 200	92.54	39.30	40.44		40.51	0.002748	1.40	85.02	122.11	0.43
Monte	4600	Tr 500	109.00	39.30	40.51		40.58	0.002926	1.51	93.32	125.87	0.44
Monte	4518.128	Tr 50	67.82	38.44	40.33		40.34	0.000144	0.45	199.87	192.86	0.11

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	4518.128	Tr 100	80.15	38.44	40.39		40.39	0.000177	0.51	210.06	196.65	0.12
Monte	4518.128	Tr 200	92.54	38.44	40.44		40.45	0.000207	0.56	220.49	200.46	0.13
Monte	4518.128	Tr 500	109.00	38.44	40.50		40.52	0.000245	0.63	233.79	205.22	0.14
Monte	4377.565	Tr 50	67.82	38.26	40.33		40.33	0.000039	0.25	344.73	291.70	0.06
Monte	4377.565	Tr 100	80.15	38.26	40.38		40.38	0.000049	0.29	359.69	295.84	0.06
Monte	4377.565	Tr 200	92.54	38.26	40.43		40.43	0.000058	0.32	374.96	300.00	0.07
Monte	4377.565	Tr 500	109.00	38.26	40.49		40.50	0.000070	0.35	394.31	305.19	0.08
Monte	4251.250	Tr 50	67.82	37.61	40.32		40.33	0.000015	0.19	463.92	282.10	0.04
Monte	4251.250	Tr 100	80.15	37.61	40.37		40.38	0.000019	0.21	478.19	284.74	0.04
Monte	4251.250	Tr 200	92.54	37.61	40.43		40.43	0.000023	0.24	492.67	287.40	0.05
Monte	4251.250	Tr 500	109.00	37.61	40.49		40.49	0.000029	0.27	510.91	290.52	0.05
Monte	4185.747	Tr 50	67.82	38.19	40.32		40.32	0.000044	0.26	330.57	287.49	0.06
Monte	4185.747	Tr 100	80.15	38.19	40.37		40.37	0.000054	0.30	344.88	289.64	0.07
Monte	4185.747	Tr 200	92.54	38.19	40.42		40.42	0.000064	0.33	359.37	291.79	0.07
Monte	4185.747	Tr 500	109.00	38.19	40.48		40.49	0.000077	0.37	377.57	294.34	0.08
Monte	4093.926	Tr 50	67.82	38.58	40.31		40.32	0.000125	0.46	204.06	197.52	0.11
Monte	4093.926	Tr 100	80.15	38.58	40.36		40.37	0.000155	0.52	213.36	200.62	0.13
Monte	4093.926	Tr 200	92.54	38.58	40.40		40.41	0.000183	0.58	222.87	203.60	0.14
Monte	4093.926	Tr 500	109.00	38.58	40.46		40.48	0.000220	0.64	234.86	207.30	0.15
Monte	3961.260	Tr 50	67.82	37.82	40.31		40.31	0.000027	0.23	375.60	274.27	0.05
Monte	3961.260	Tr 100	80.15	37.82	40.35		40.36	0.000034	0.27	388.23	275.79	0.05
Monte	3961.260	Tr 200	92.54	37.82	40.40		40.40	0.000041	0.30	401.02	277.32	0.06
Monte	3961.260	Tr 500	109.00	37.82	40.46		40.46	0.000051	0.34	416.97	279.15	0.07
Monte	3891.648	Tr 50	67.82	37.56	40.31		40.31	0.000015	0.19	444.27	265.65	0.04
Monte	3891.648	Tr 100	80.15	37.56	40.35		40.35	0.000020	0.22	456.43	267.33	0.04
Monte	3891.648	Tr 200	92.54	37.56	40.40		40.40	0.000025	0.25	468.76	268.84	0.05
Monte	3891.648	Tr 500	109.00	37.56	40.45		40.46	0.000031	0.28	484.11	270.67	0.05
Monte	3800.875	Tr 50	67.82	37.44	40.30		40.31	0.000012	0.20	480.38	284.19	0.04
Monte	3800.875	Tr 100	80.15	37.44	40.35		40.35	0.000016	0.23	493.31	286.59	0.04
Monte	3800.875	Tr 200	92.54	37.44	40.40		40.40	0.000020	0.26	506.43	288.97	0.05
Monte	3800.875	Tr 500	109.00	37.44	40.45		40.45	0.000025	0.29	522.80	291.69	0.05
Monte	3665.519	Tr 50	67.82	36.89	40.30		40.30	0.000006	0.16	628.43	315.39	0.03
Monte	3665.519	Tr 100	80.15	36.89	40.35		40.35	0.000008	0.19	642.70	318.12	0.03
Monte	3665.519	Tr 200	92.54	36.89	40.39		40.40	0.000010	0.21	657.18	320.86	0.04
Monte	3665.519	Tr 500	109.00	36.89	40.45		40.45	0.000013	0.24	675.24	323.55	0.04
Monte	3588.794	Tr 50	67.82	36.76	40.30		40.30	0.000004	0.12	770.64	347.62	0.02
Monte	3588.794	Tr 100	80.15	36.76	40.35		40.35	0.000005	0.14	786.32	348.94	0.02
Monte	3588.794	Tr 200	92.54	36.76	40.39		40.40	0.000006	0.16	802.15	350.16	0.03
Monte	3588.794	Tr 500	109.00	36.76	40.45		40.45	0.000008	0.19	821.78	351.67	0.03
Monte	3509.406	Tr 50	67.82	36.78	40.30		40.30	0.000004	0.13	719.78	327.00	0.02
Monte	3509.406	Tr 100	80.15	36.78	40.35		40.35	0.000006	0.15	734.51	329.58	0.03
Monte	3509.406	Tr 200	92.54	36.78	40.39		40.39	0.000007	0.17	749.44	331.80	0.03
Monte	3509.406	Tr 500	109.00	36.78	40.45		40.45	0.000009	0.20	768.00	334.36	0.03
Monte	3382.601	Tr 50	67.82	38.38	40.30		40.30	0.000034	0.22	396.16	377.47	0.05
Monte	3382.601	Tr 100	80.15	38.38	40.35		40.35	0.000043	0.25	412.90	380.27	0.06
Monte	3382.601	Tr 200	92.54	38.38	40.39		40.39	0.000051	0.28	429.87	382.86	0.06
Monte	3382.601	Tr 500	109.00	38.38	40.44		40.45	0.000061	0.31	450.93	385.72	0.07
Monte	3297.887	Tr 50	67.82	39.73	40.19	40.15	40.28	0.010893	1.49	50.86	176.59	0.72
Monte	3297.887	Tr 100	80.15	39.73	40.18	40.18	40.32	0.016337	1.80	49.61	175.17	0.89
Monte	3297.887	Tr 200	92.54	39.73	40.21	40.21	40.36	0.015856	1.87	55.43	181.68	0.88
Monte	3297.887	Tr 500	109.00	39.73	40.25	40.25	40.41	0.015650	1.96	62.41	188.67	0.89
Monte	3200	Tr 50	67.82	38.60	39.37		39.46	0.006594	1.64	53.62	143.81	0.62
Monte	3200	Tr 100	80.15	38.60	39.49		39.56	0.004332	1.47	71.63	161.19	0.51
Monte	3200	Tr 200	92.54	38.60	39.56	39.36	39.63	0.003862	1.47	83.54	171.97	0.49
Monte	3200	Tr 500	109.00	38.60	39.63	39.40	39.70	0.003764	1.52	95.59	182.21	0.49
Monte	3000	Tr 50	67.82	36.95	37.98		38.14	0.006526	1.95	40.71	62.07	0.64
Monte	3000	Tr 100	80.15	36.95	37.92	37.88	38.19	0.011843	2.52	37.07	59.94	0.85
Monte	3000	Tr 200	92.54	36.95	37.95	37.95	38.28	0.013824	2.78	38.88	61.01	0.93
Monte	3000	Tr 500	109.00	36.95	38.04	38.04	38.39	0.013297	2.90	44.32	64.12	0.92
Monte	2799.065	Tr 50	67.82	35.90	38.06		38.07	0.000039	0.26	332.86	261.06	0.06
Monte	2799.065	Tr 100	80.15	35.90	38.07		38.07	0.000054	0.30	334.20	261.53	0.07
Monte	2799.065	Tr 200	92.54	35.90	38.10	36.61	38.11	0.000067	0.34	343.12	264.61	0.07
Monte	2799.065	Tr 500	109.00	35.90	38.13	36.66	38.14	0.000087	0.39	351.41	267.42	0.08
Monte	2647.395	Tr 50	67.82	34.10	38.06	35.53	38.06	0.000012	0.22	526.99	511.83	0.04
Monte	2647.395	Tr 100	80.15	34.10	38.07	35.73	38.07	0.000016	0.26	529.19	512.85	0.04
Monte	2647.395	Tr 200	92.54	34.10	38.10	35.85	38.10	0.000020	0.29	546.37	520.63	0.05
Monte	2647.395	Tr 500	109.00	34.10	38.13	35.95	38.13	0.000026	0.34	562.12	527.26	0.06

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	2623.700		Culvert									
Monte	2583.296	Tr 50	67.82	33.80	36.08		36.15	0.001765	1.49	73.34	117.22	0.36
Monte	2583.296	Tr 100	80.15	33.80	36.24		36.30	0.001390	1.40	93.70	133.39	0.32
Monte	2583.296	Tr 200	92.54	33.80	36.38		36.43	0.001165	1.35	113.83	148.08	0.30
Monte	2583.296	Tr 500	109.00	33.80	36.56		36.60	0.000910	1.26	145.00	227.23	0.27
Monte	2458.694	Tr 50	67.82	34.65	36.10		36.10	0.000079	0.31	315.33	413.94	0.08
Monte	2458.694	Tr 100	80.15	34.65	36.26		36.26	0.000065	0.30	382.38	430.41	0.08
Monte	2458.694	Tr 200	92.54	34.65	36.40		36.40	0.000057	0.30	443.88	443.01	0.07
Monte	2458.694	Tr 500	109.00	34.65	36.57		36.57	0.000049	0.30	522.27	456.74	0.07
Centrale	2198.231	Tr 50	190.16	33.94	36.02		36.07	0.000778	1.12	206.11	157.35	0.25
Centrale	2198.231	Tr 100	225.06	33.94	36.18		36.23	0.000789	1.18	231.13	164.26	0.26
Centrale	2198.231	Tr 200	260.18	33.94	36.31		36.37	0.000809	1.25	253.94	170.24	0.26
Centrale	2198.231	Tr 500	306.84	33.94	36.48		36.54	0.000829	1.32	283.27	177.63	0.27
Centrale	2110.156	Tr 50	190.16	33.68	35.99		36.01	0.000417	0.88	280.07	195.59	0.19
Centrale	2110.156	Tr 100	225.06	33.68	36.14		36.17	0.000435	0.94	311.04	203.54	0.19
Centrale	2110.156	Tr 200	260.18	33.68	36.28		36.31	0.000457	1.00	339.13	210.24	0.20
Centrale	2110.156	Tr 500	306.84	33.68	36.44		36.48	0.000479	1.07	375.17	218.41	0.21
Centrale	2025.050	Tr 50	190.16	33.45	35.96		35.98	0.000333	0.83	299.63	198.25	0.17
Centrale	2025.050	Tr 100	225.06	33.45	36.11		36.14	0.000354	0.89	330.62	205.21	0.18
Centrale	2025.050	Tr 200	260.18	33.45	36.24		36.27	0.000377	0.95	358.50	211.14	0.18
Centrale	2025.050	Tr 500	306.84	33.45	36.41		36.44	0.000402	1.02	394.20	218.44	0.19
Valle	1758.958	Tr 50	199.24	33.27	35.34	35.34	35.76	0.008326	3.41	82.86	102.75	0.80
Valle	1758.958	Tr 100	235.18	33.27	35.44	35.44	35.90	0.008776	3.63	93.71	111.89	0.83
Valle	1758.958	Tr 200	271.30	33.27	35.59	35.59	36.04	0.008085	3.66	111.62	128.85	0.81
Valle	1758.958	Tr 500	319.21	33.27	35.68	35.68	36.19	0.008952	3.96	123.64	138.75	0.86
Valle	1600	Tr 50	199.24	30.87	33.58	32.81	33.64	0.001233	1.70	200.86	176.49	0.33
Valle	1600	Tr 100	235.18	30.87	33.80	32.95	33.86	0.001039	1.65	240.96	188.68	0.31
Valle	1600	Tr 200	271.30	30.87	33.99	33.03	34.04	0.000939	1.63	276.67	198.16	0.30
Valle	1600	Tr 500	319.21	30.87	34.24	33.12	34.29	0.000857	1.64	328.17	220.83	0.29
Valle	1283.895	Tr 50	199.24	29.45	33.27	32.19	33.35	0.000840	1.76	182.47	109.37	0.29
Valle	1283.895	Tr 100	235.18	29.45	33.51	32.32	33.59	0.000795	1.79	209.76	114.08	0.28
Valle	1283.895	Tr 200	271.30	29.45	33.70	32.43	33.79	0.000805	1.86	231.67	118.13	0.29
Valle	1283.895	Tr 500	319.21	29.45	33.95	32.58	34.04	0.000793	1.91	262.41	123.85	0.29
Valle	1222.581	Tr 50	199.24	29.52	33.08		33.26	0.001724	2.32	123.63	76.79	0.40
Valle	1222.581	Tr 100	235.18	29.52	33.32		33.51	0.001680	2.40	143.28	84.04	0.40
Valle	1222.581	Tr 200	271.30	29.52	33.50		33.70	0.001721	2.51	158.59	87.90	0.41
Valle	1222.581	Tr 500	319.21	29.52	33.75		33.96	0.001699	2.60	181.57	94.64	0.41
Valle	1087.135	Tr 50	199.24	29.20	32.52	32.02	32.91	0.003688	3.24	83.62	53.34	0.58
Valle	1087.135	Tr 100	235.18	29.20	32.76	32.26	33.17	0.003537	3.34	97.48	58.25	0.58
Valle	1087.135	Tr 200	271.30	29.20	32.79	32.47	33.31	0.004560	3.81	98.76	58.70	0.66
Valle	1087.135	Tr 500	319.21	29.20	32.93	32.69	33.55	0.005142	4.16	107.71	62.48	0.70
Valle	966.3735	Tr 50	199.24	28.82	31.58	31.48	32.23	0.008651	4.49	65.38	51.50	0.87
Valle	966.3735	Tr 100	235.18	28.82	31.72	31.67	32.47	0.009619	4.90	72.87	61.82	0.93
Valle	966.3735	Tr 200	271.30	28.82	32.03	32.03	32.63	0.007030	4.49	95.42	76.15	0.81
Valle	966.3735	Tr 500	319.21	28.82	32.20	32.20	32.82	0.007096	4.67	108.33	79.90	0.82
Valle	878.0325	Tr 50	199.24	28.52	31.00	31.00	31.45	0.007770	3.95	77.42	77.53	0.81
Valle	878.0325	Tr 100	235.18	28.52	31.10	31.10	31.61	0.008319	4.20	85.89	80.90	0.85
Valle	878.0325	Tr 200	271.30	28.52	31.05	31.12	31.80	0.012577	5.10	81.68	79.25	1.04
Valle	878.0325	Tr 500	319.21	28.52	31.22	31.38	32.00	0.012357	5.28	95.15	83.81	1.04
Valle	792.4849	Tr 50	199.24	28.38	30.58	30.27	30.76	0.003729	2.36	118.53	119.35	0.54
Valle	792.4849	Tr 100	235.18	28.38	30.73	30.38	30.92	0.003489	2.40	137.04	124.35	0.53
Valle	792.4849	Tr 200	271.30	28.38	30.87	30.48	31.06	0.003291	2.43	155.03	128.53	0.52
Valle	792.4849	Tr 500	319.21	28.38	31.05	30.58	31.25	0.003120	2.49	178.41	136.33	0.51
Valle	662.7871	Tr 50	199.24	27.81	30.39		30.47	0.001276	1.60	182.20	148.13	0.33
Valle	662.7871	Tr 100	235.18	27.81	30.56		30.63	0.001236	1.65	206.63	152.21	0.33
Valle	662.7871	Tr 200	271.30	27.81	30.71		30.79	0.001212	1.69	229.81	156.26	0.33
Valle	662.7871	Tr 500	319.21	27.81	30.89		30.98	0.001194	1.76	258.98	161.83	0.33
Valle	579.0170	Tr 50	199.24	26.94	30.17		30.33	0.001996	2.34	127.80	86.55	0.43
Valle	579.0170	Tr 100	235.18	26.94	30.31		30.49	0.002101	2.48	140.49	87.27	0.44
Valle	579.0170	Tr 200	271.30	26.94	30.45		30.64	0.002205	2.61	152.13	87.94	0.46
Valle	579.0170	Tr 500	319.21	26.94	30.61		30.83	0.002341	2.77	166.18	88.80	0.47
Valle	480.4856	Tr 50	199.24	26.70	30.03		30.14	0.001492	1.96	154.40	119.01	0.37
Valle	480.4856	Tr 100	235.18	26.70	30.17		30.30	0.001562	2.07	171.60	122.19	0.38
Valle	480.4856	Tr 200	271.30	26.70	30.30		30.44	0.001627	2.17	187.72	125.09	0.39
Valle	480.4856	Tr 500	319.21	26.70	30.46		30.61	0.001704	2.29	207.61	128.43	0.40

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)	
Valle	380.6495	Tr 50	199.24	26.39	29.94	29.02	30.02	0.000914	1.49	187.37	132.86	0.28
Valle	380.6495	Tr 100	235.18	26.39	30.08	29.14	30.16	0.000997	1.61	205.57	138.54	0.30
Valle	380.6495	Tr 200	271.30	26.39	30.20	29.24	30.30	0.001063	1.71	223.07	142.26	0.31
Valle	380.6495	Tr 500	319.21	26.39	30.35	29.38	30.46	0.001140	1.82	244.74	145.90	0.32
Valle	300	Tr 50	199.24	27.85	29.79		29.90	0.002591	1.93	146.69	148.33	0.45
Valle	300	Tr 100	235.18	27.85	29.93		30.04	0.002533	2.00	167.14	155.62	0.45
Valle	300	Tr 200	271.30	27.85	30.05		30.17	0.002498	2.07	186.95	163.47	0.45
Valle	300	Tr 500	319.21	27.85	30.20		30.33	0.002457	2.15	212.28	172.90	0.45
Valle	174.4036	Tr 50	199.24	27.59	29.26	28.92	29.46	0.004644	2.35	108.06	105.94	0.59
Valle	174.4036	Tr 100	235.18	27.59	29.38	29.03	29.60	0.004819	2.50	120.45	111.22	0.61
Valle	174.4036	Tr 200	271.30	27.59	29.48	29.13	29.72	0.005031	2.65	131.75	115.85	0.63
Valle	174.4036	Tr 500	319.21	27.59	29.60	29.26	29.88	0.005289	2.84	146.02	121.86	0.65
Valle	24.24793	Tr 50	199.24	27.24	28.85	28.36	28.94	0.002402	1.63	159.20	169.41	0.42
Valle	24.24793	Tr 100	235.18	27.24	28.97	28.44	29.07	0.002400	1.71	179.78	179.60	0.43
Valle	24.24793	Tr 200	271.30	27.24	29.07	28.53	29.18	0.002401	1.78	198.61	188.55	0.43
Valle	24.24793	Tr 500	319.21	27.24	29.19	28.62	29.31	0.002401	1.86	222.96	200.97	0.43