



COMUNE DI SANT'ANNA ARRESI

COMMITTENTE

*Amministrazione comunale di
SANT'ANNA ARRESI*

SINDACO

Paolo Luigi Dessì

ASS.RE LL.PP.

Antonio Granella

ADEGUAMENTO DEL PUC AL PAI E AL PPR ANALISI DI DETTAGLIO DELLE AREE A PERICOLOSITA' IDRAULICA (Art. 8 NTA del P.A.I.)

COORDINATORE DELL'UFFICIO DI PIANO

Ing. Figus Emanuele

PROGETTISTA INCARICATO

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ALLEGATI ALLA RELAZIONE DI COMPATIBILITA' IDRAULICA Elaborazioni Hecras

Elaborato

Elaborato

02

Scala

Data

Luglio 2013

Rev.

RIU GUTTURU SAIDU _____ **00**

- RIU PERDAIOLA
- RIU S'OLLIONI
- RIU GUTTURU SAIDU

FIUME 12695 _____ **37**

- FIUME 31551
- COMPLUVIO MONTIXEDDU
- FIUME 29436
- FIUME 11987
- FIUME 17440
- FIUME 5536
- RIU IS PATTETUS
- COMPLUVIO PERDA FITTA
- RIU IS PATTETUS 2

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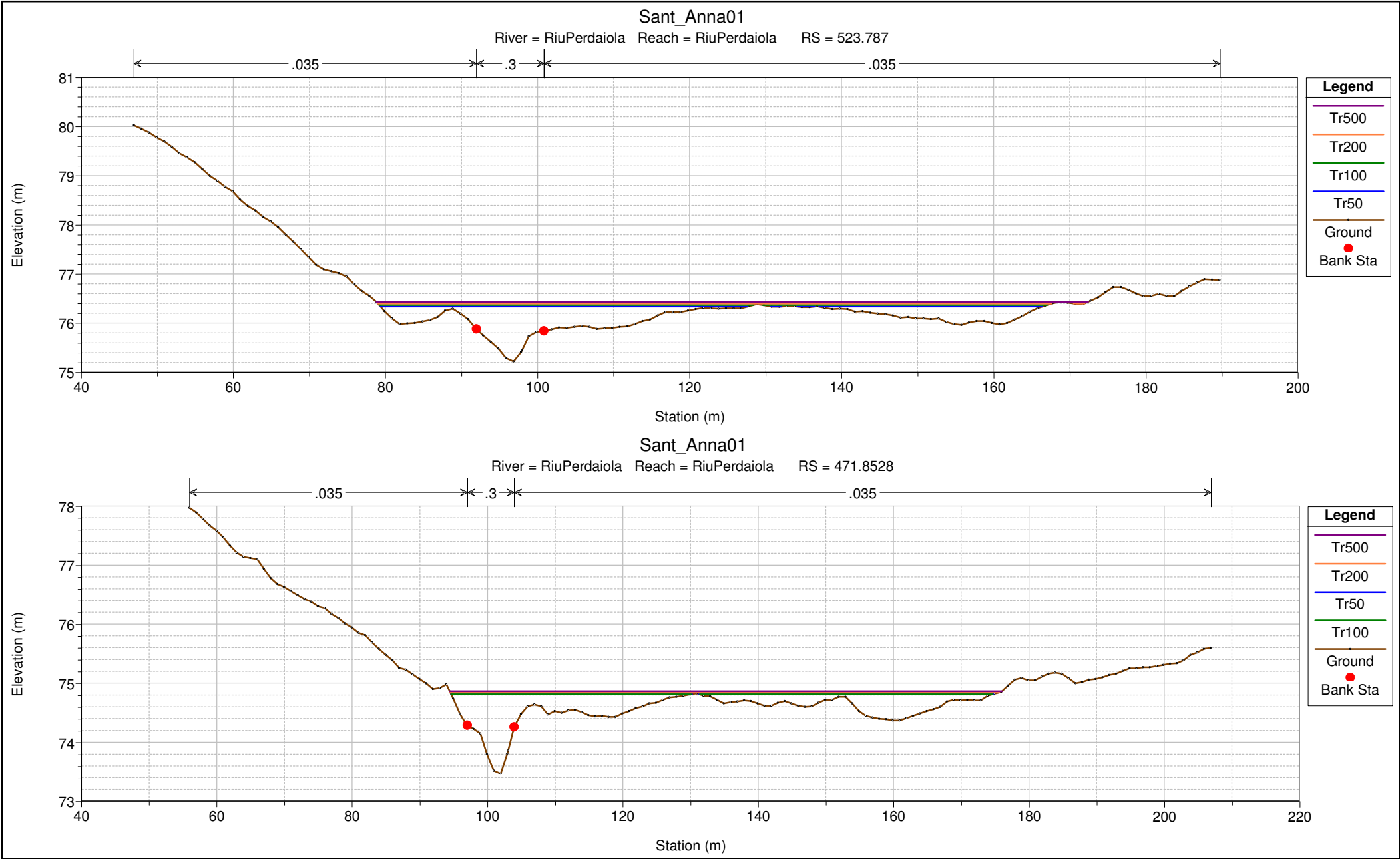
- CANALI DE SEGA
- FIUME24976

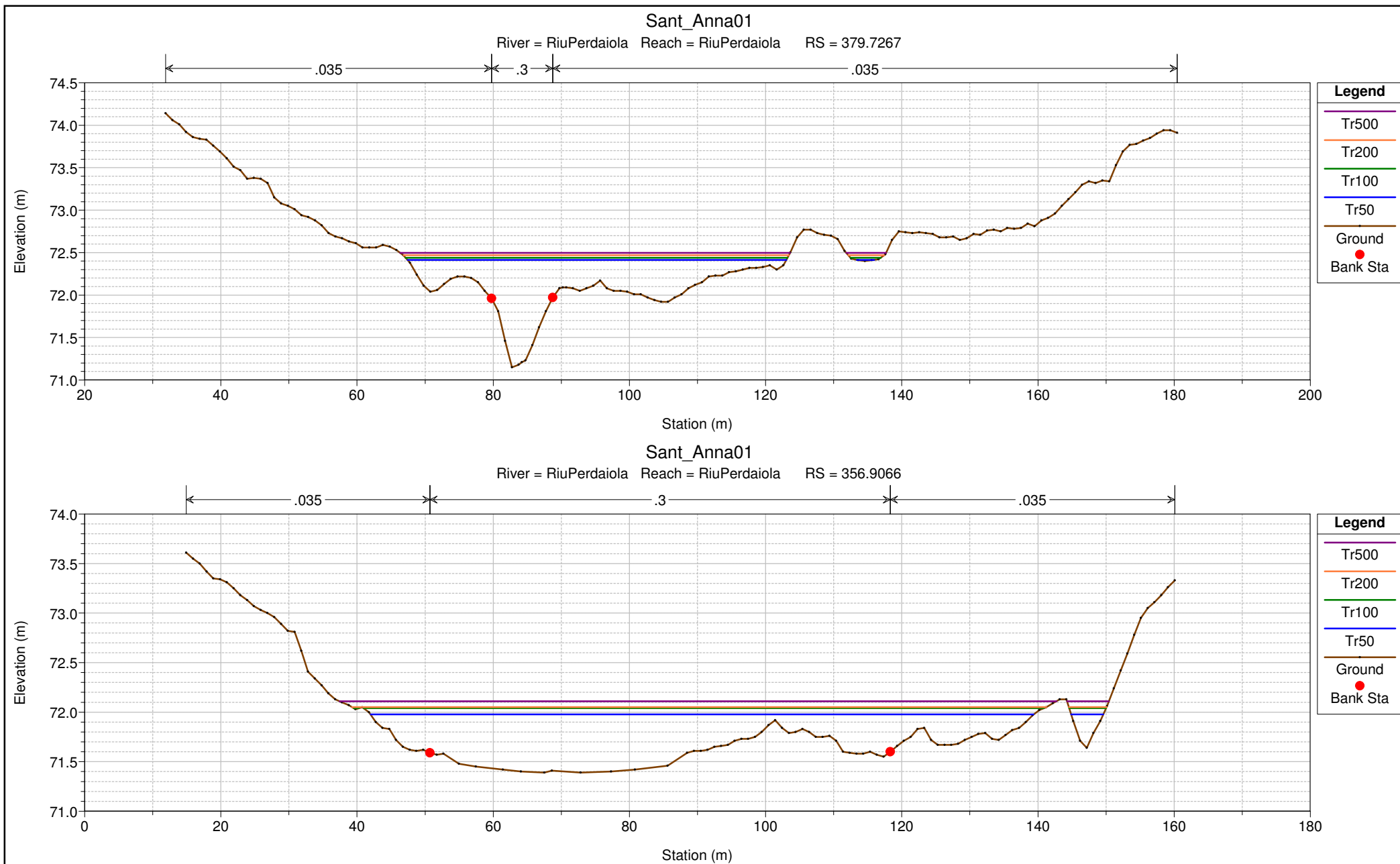
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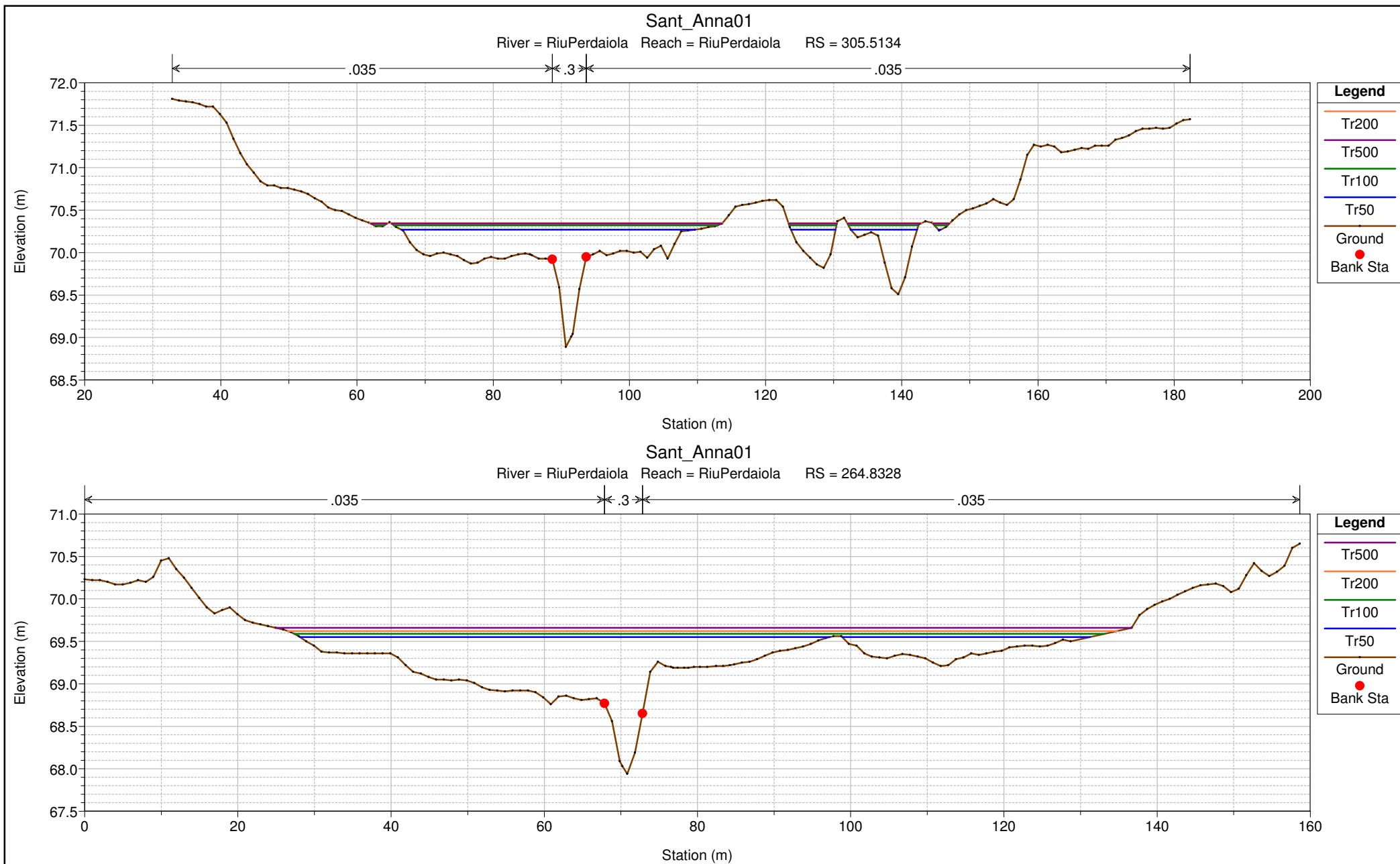
- (PERDA FITTA)

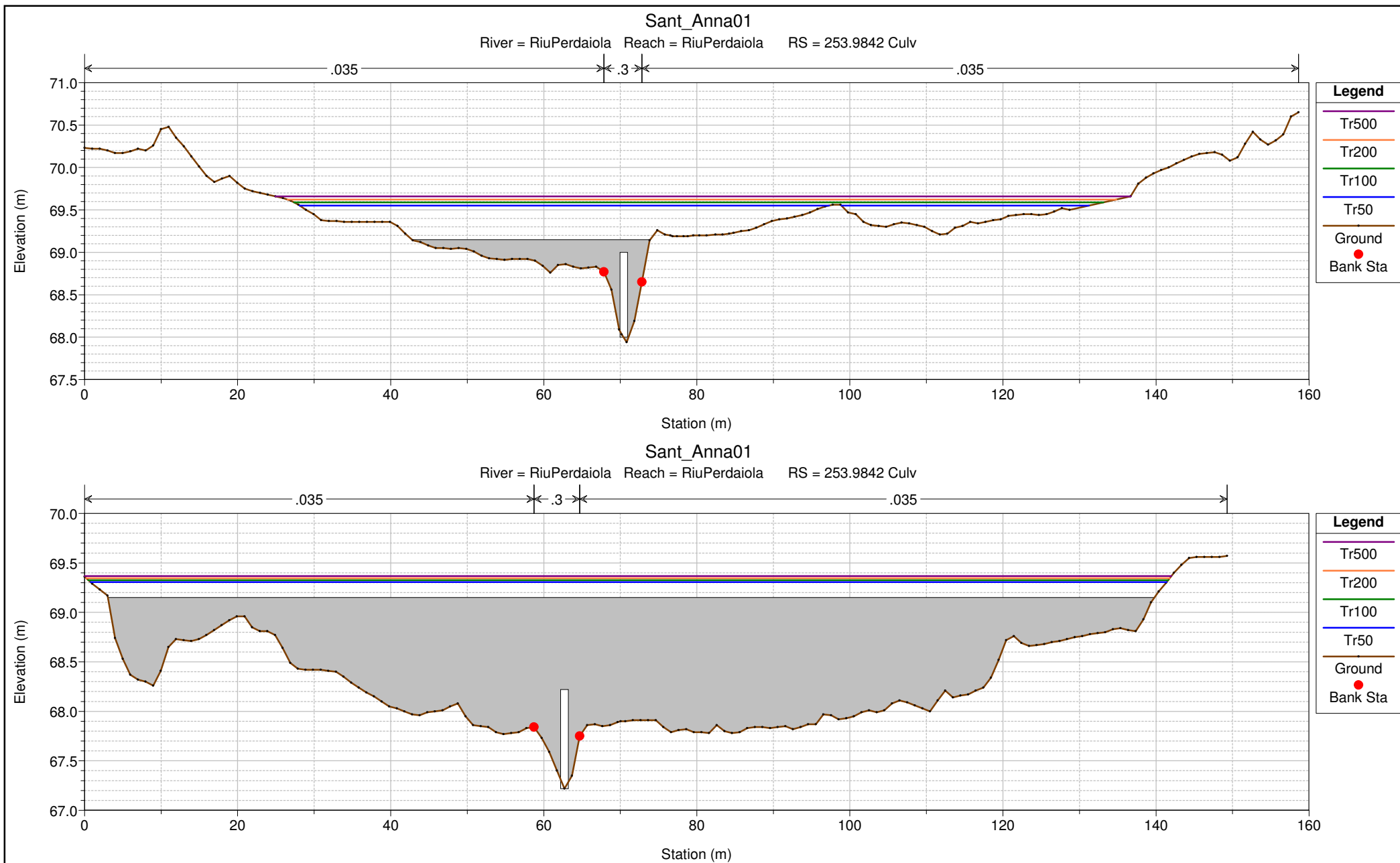
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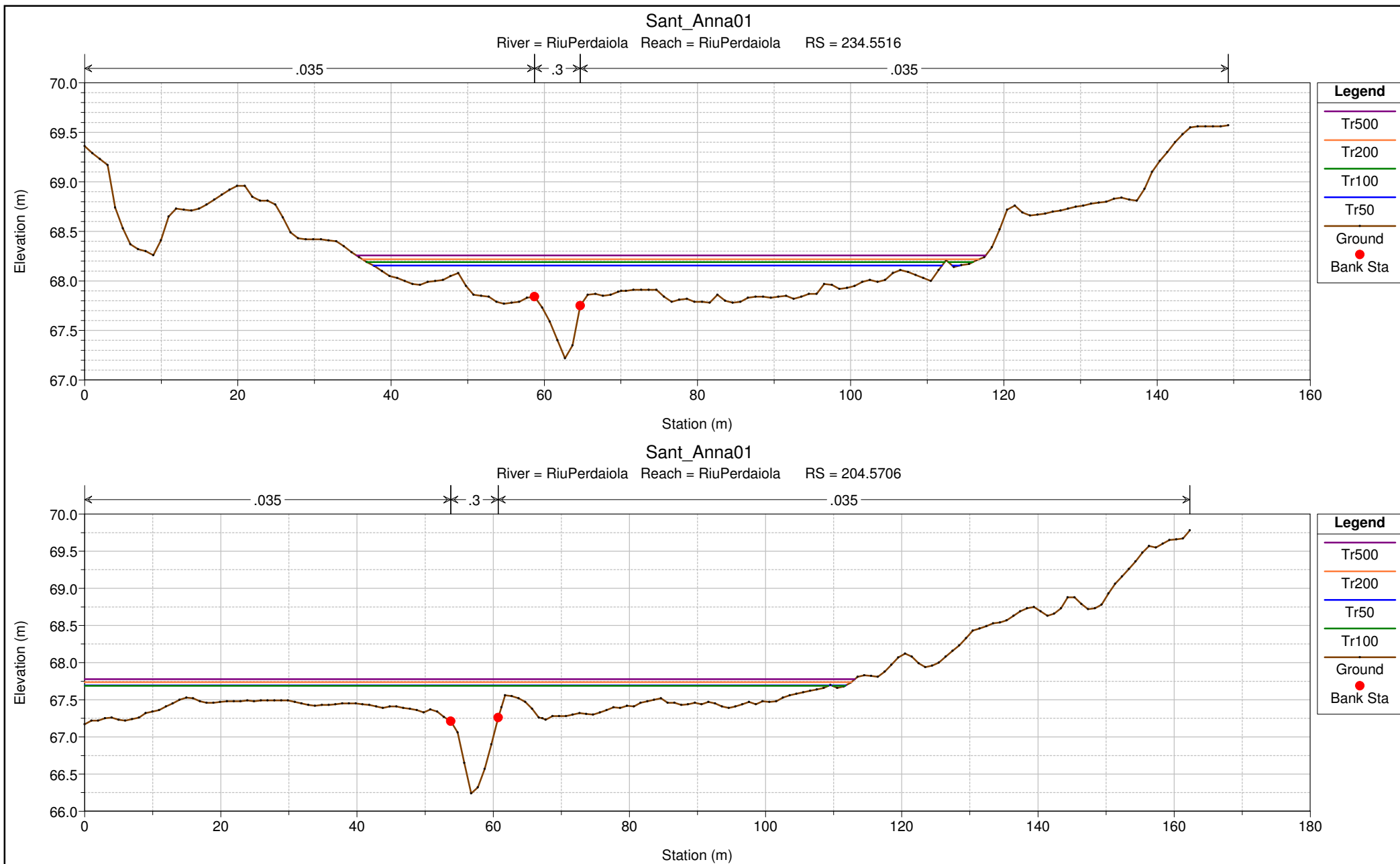
- FIUME 21633
- CONCA BOIRA
- RIU FONNESU

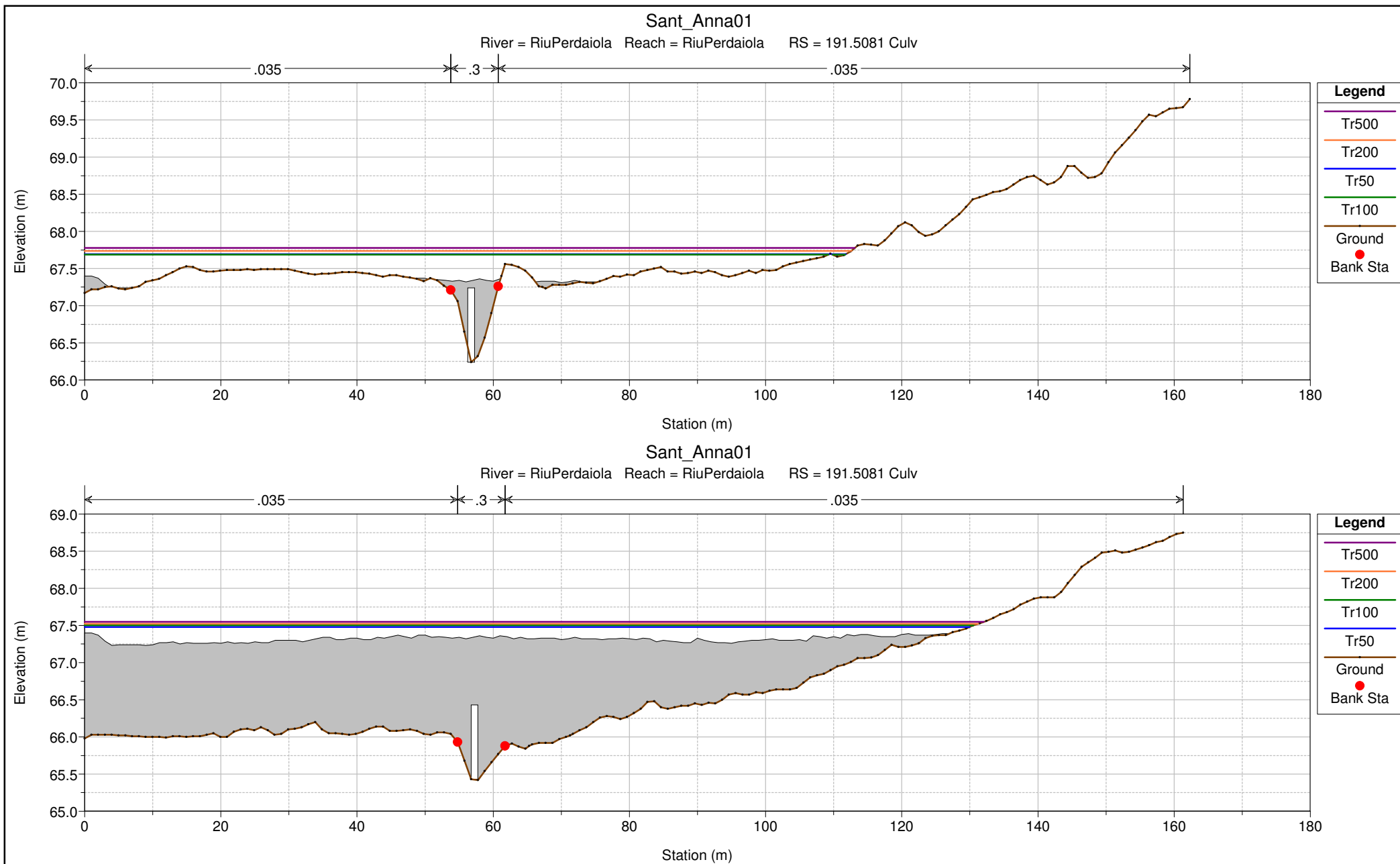


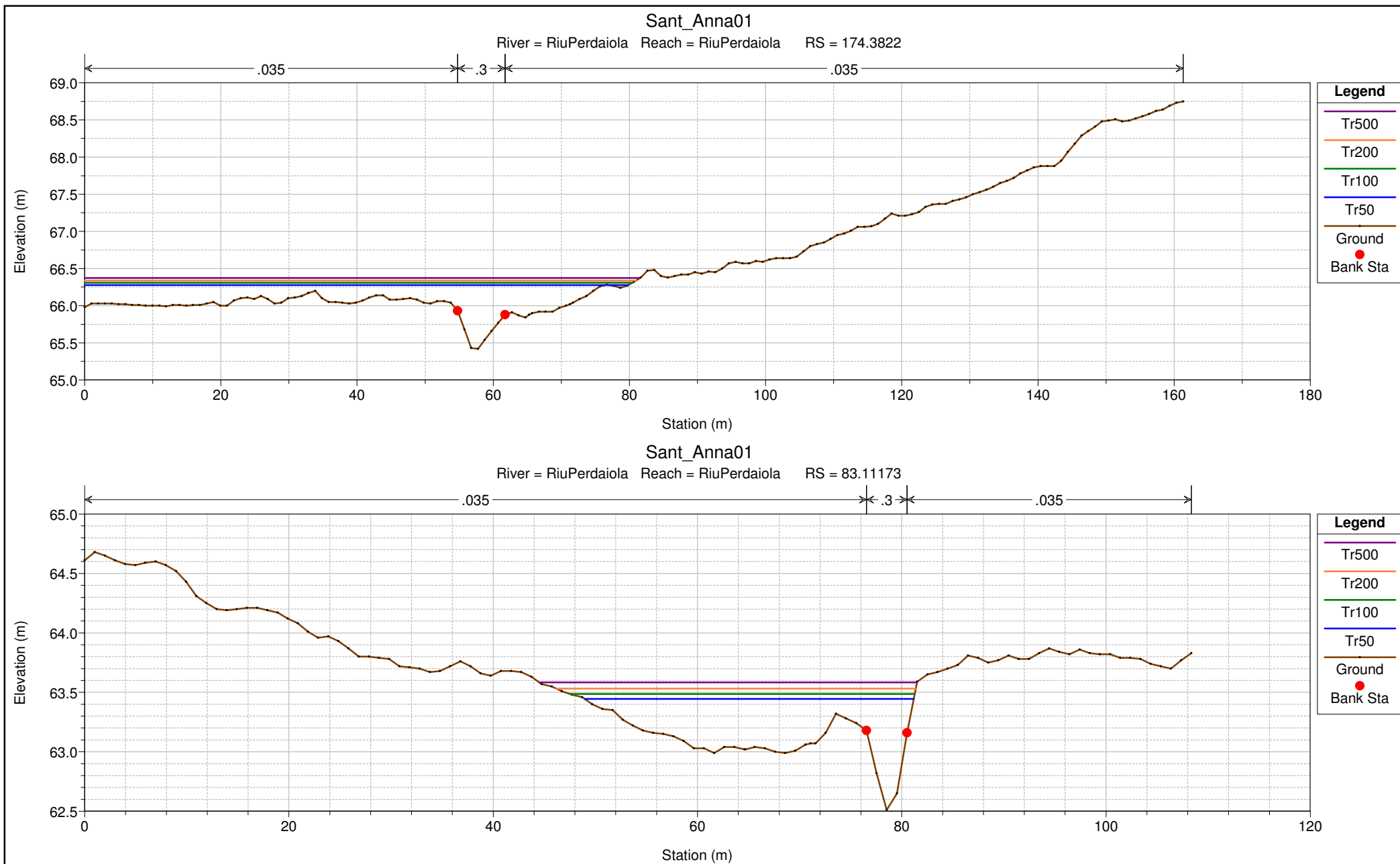


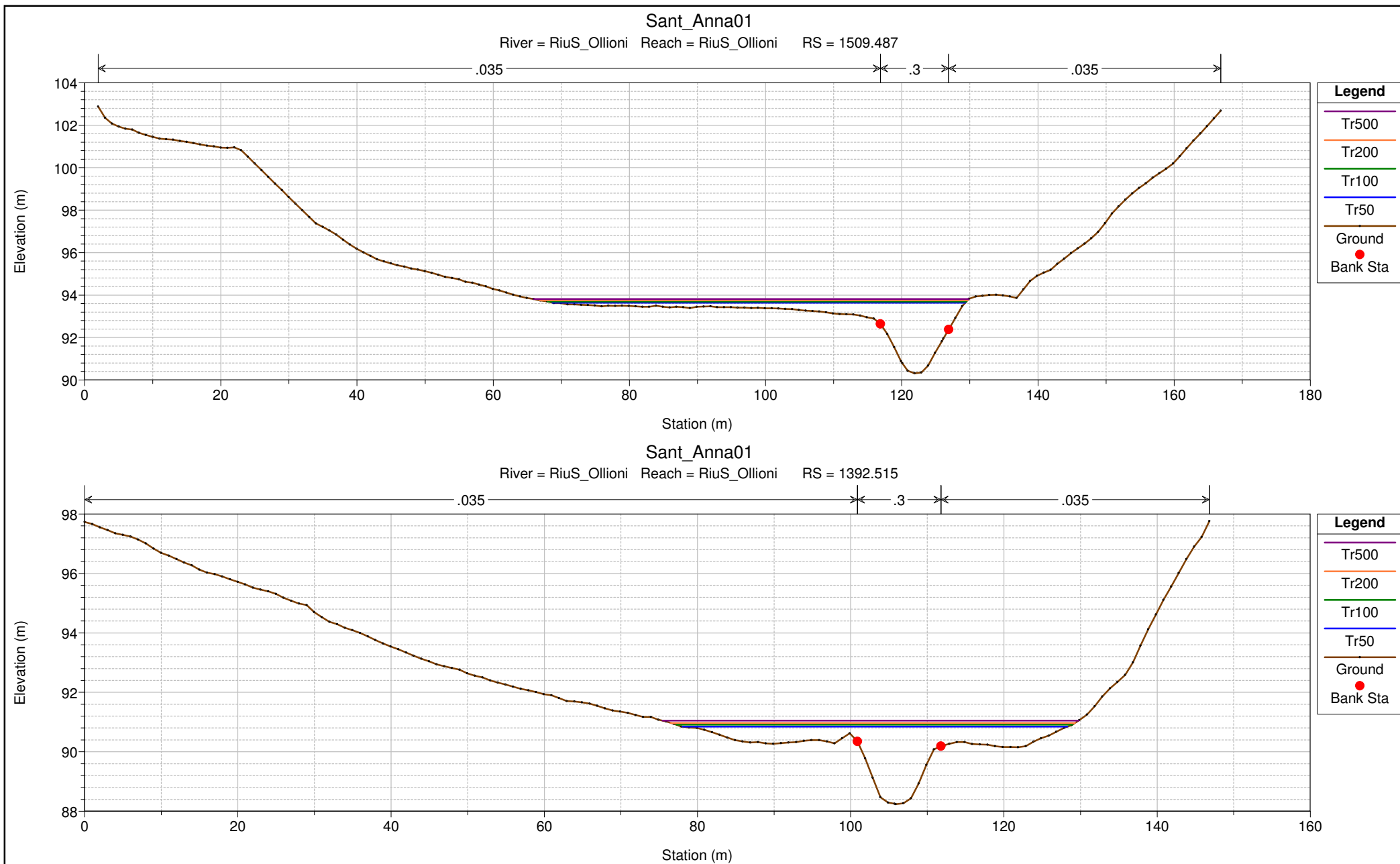


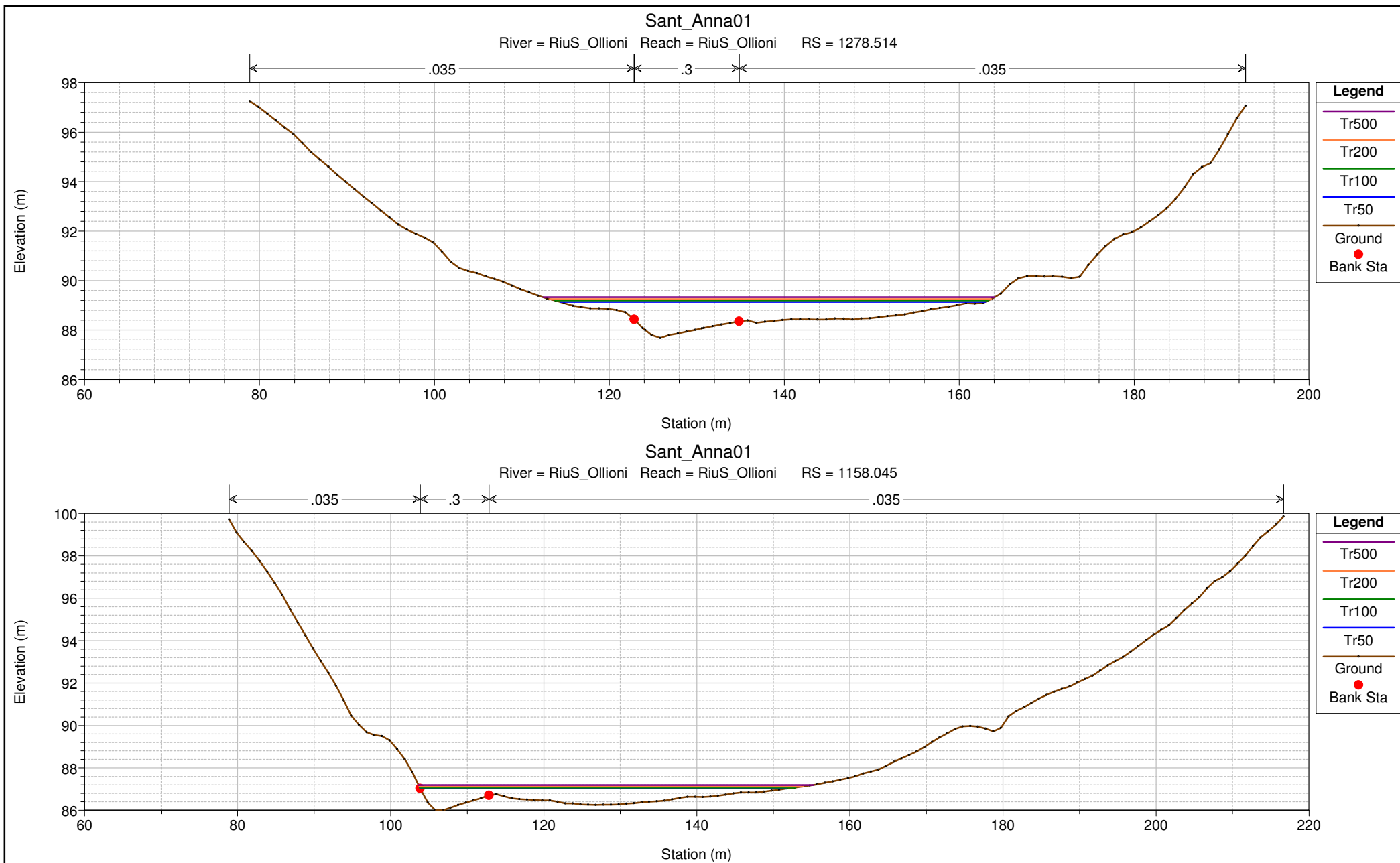


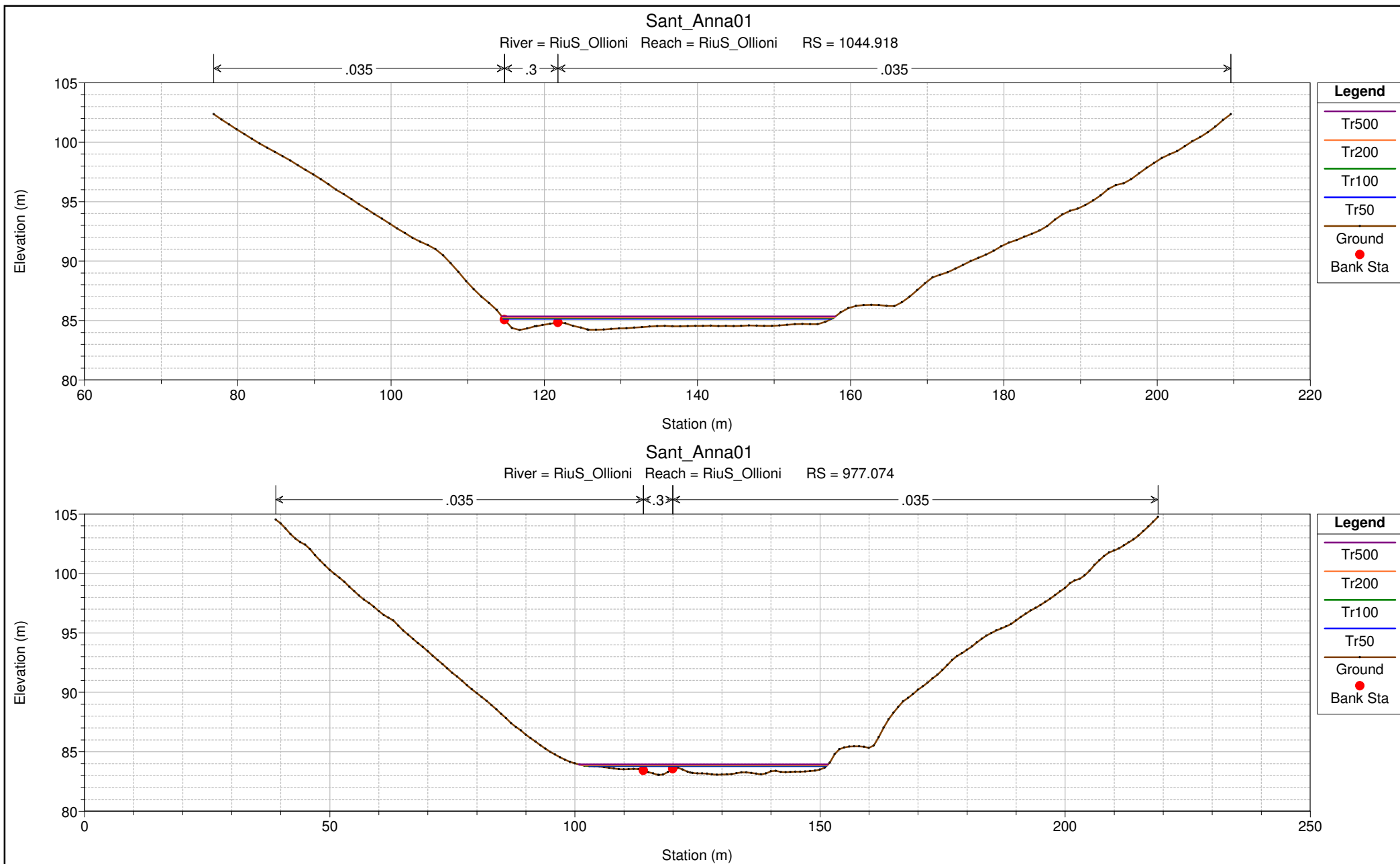


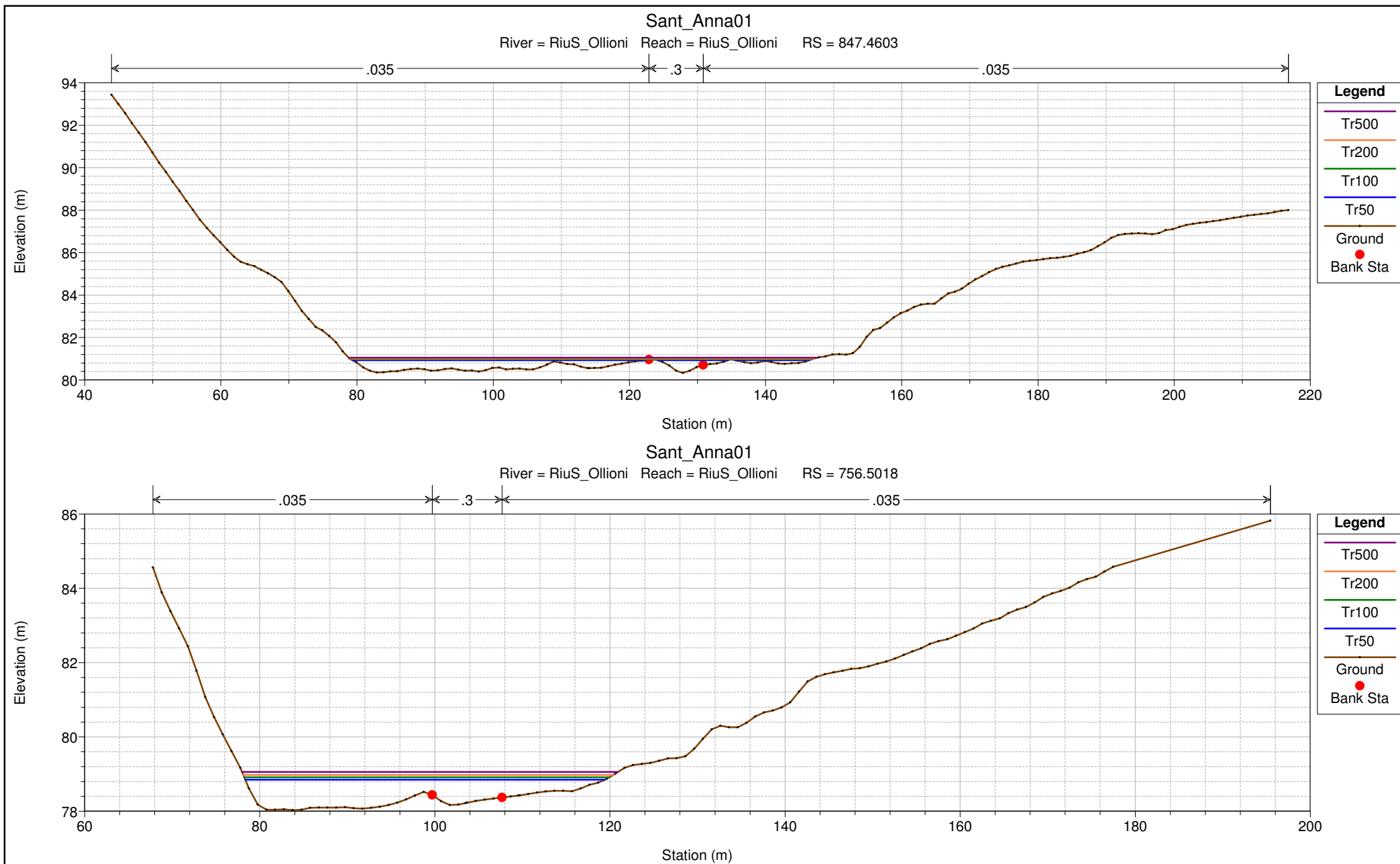


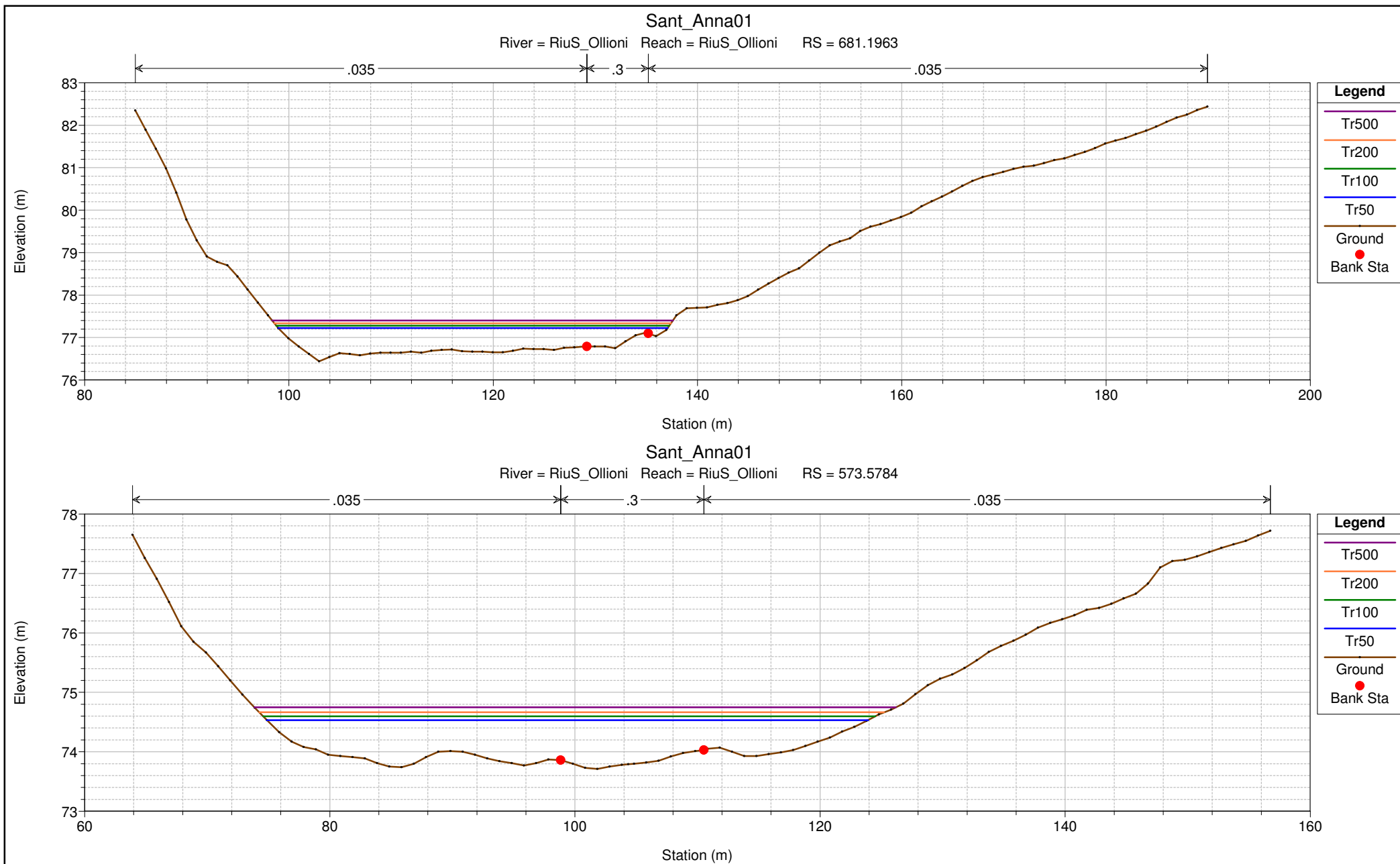


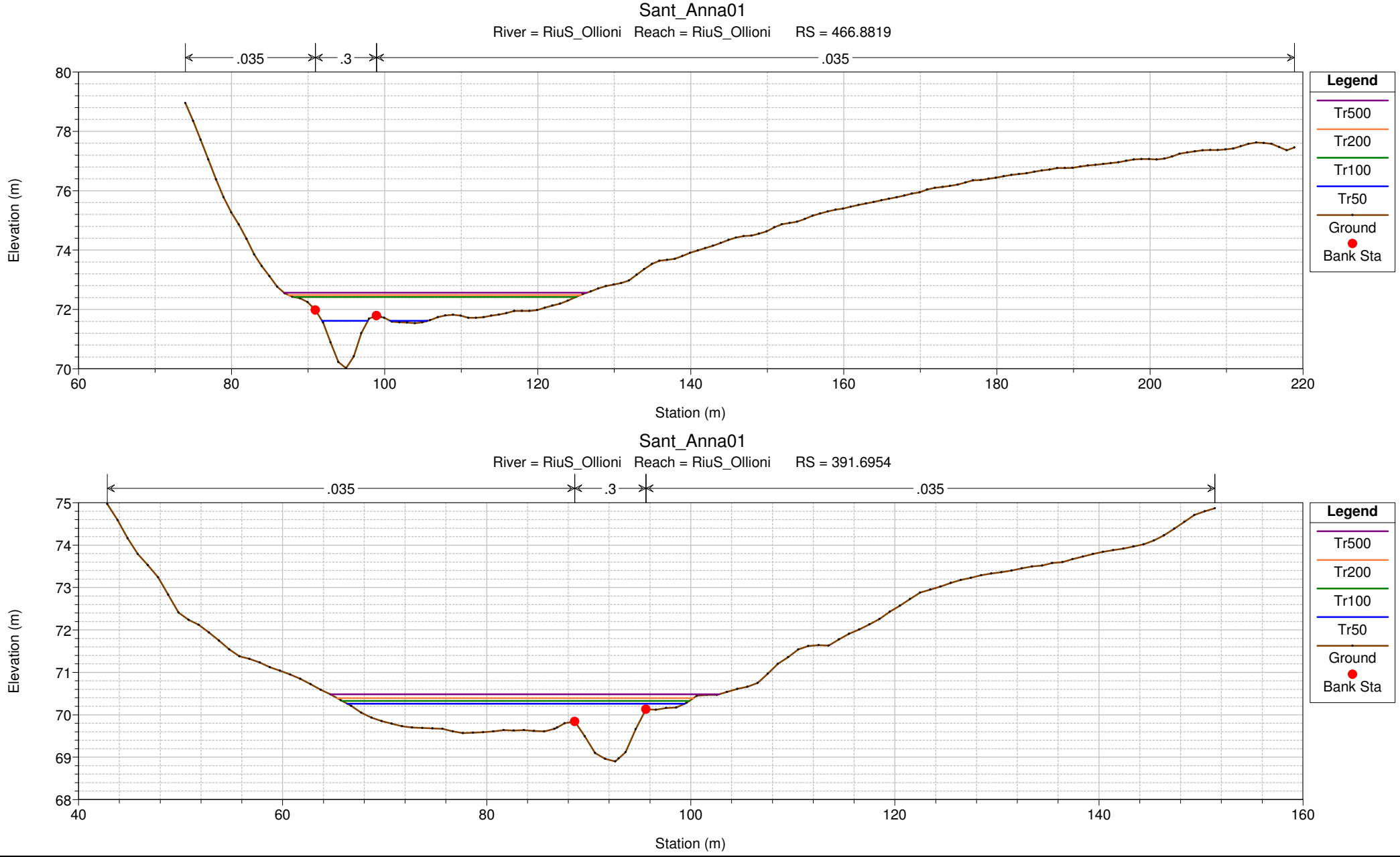


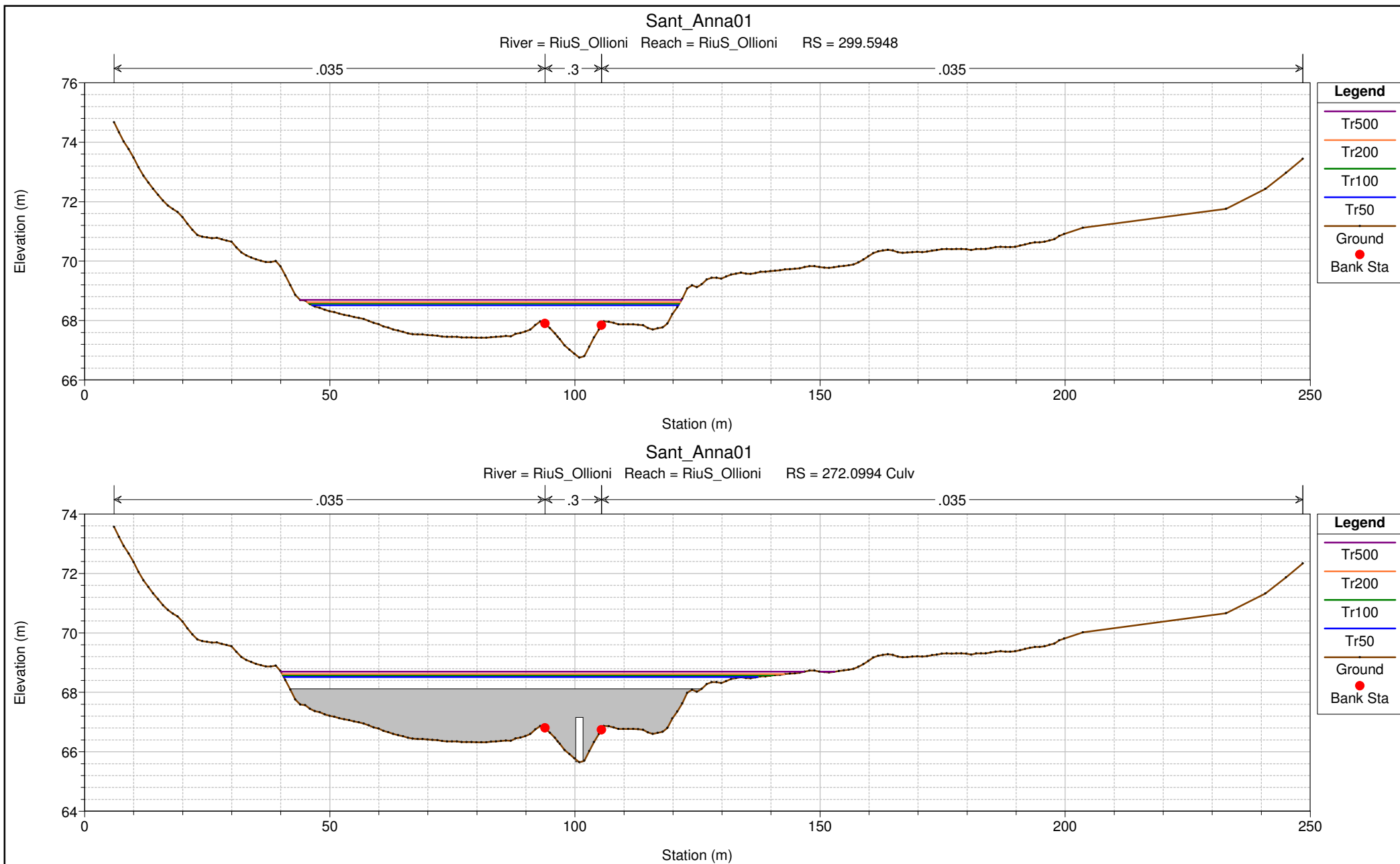


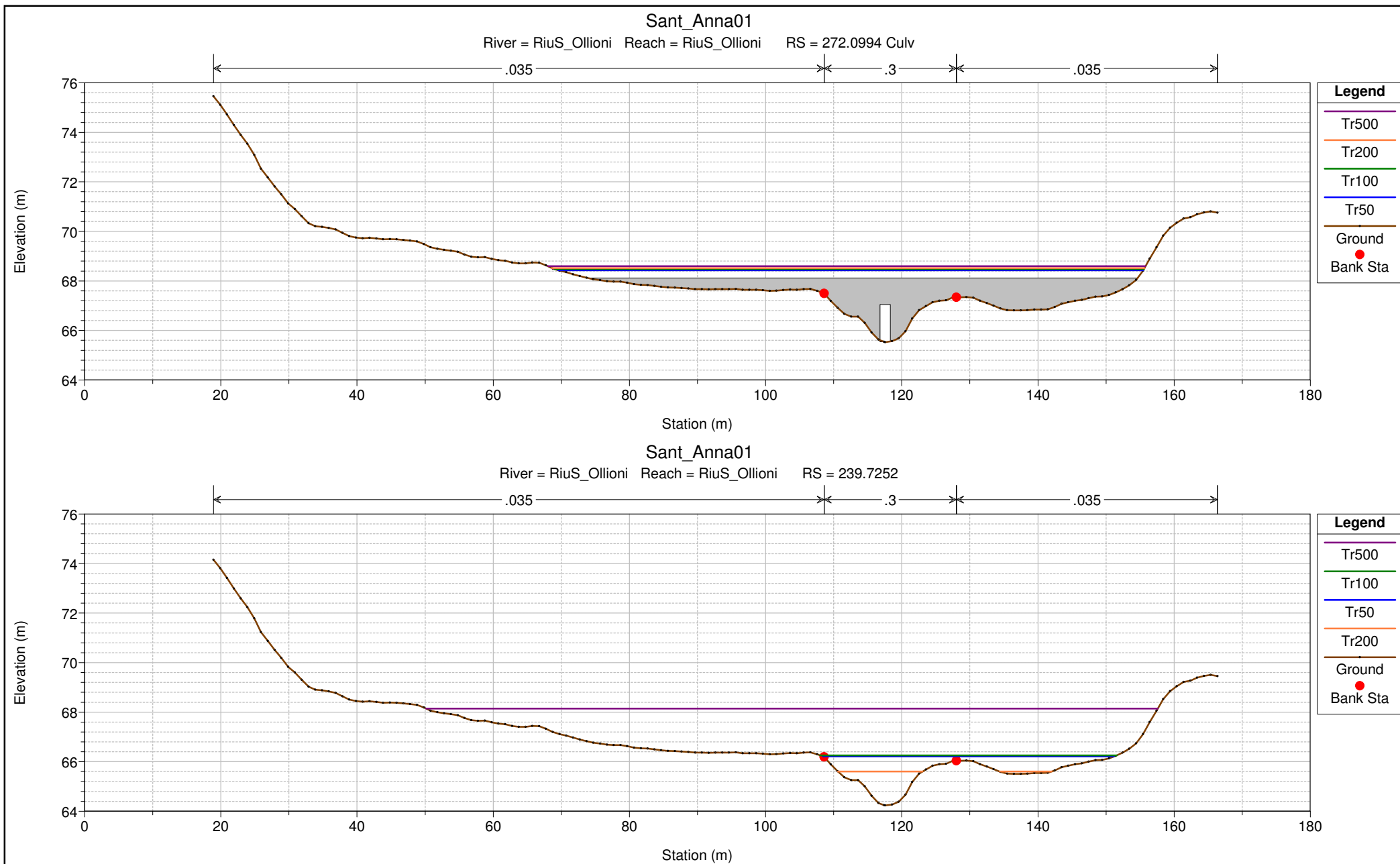


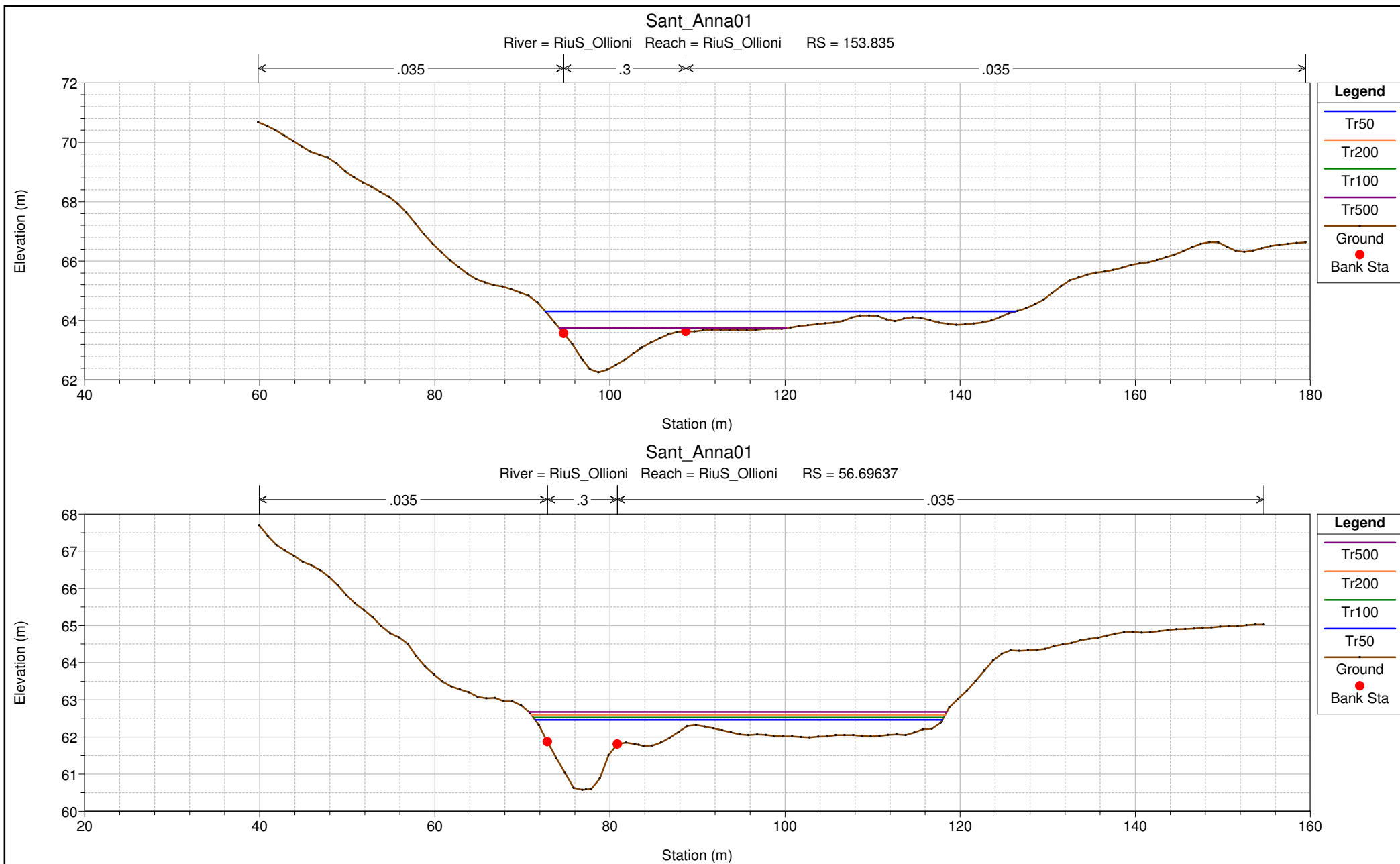


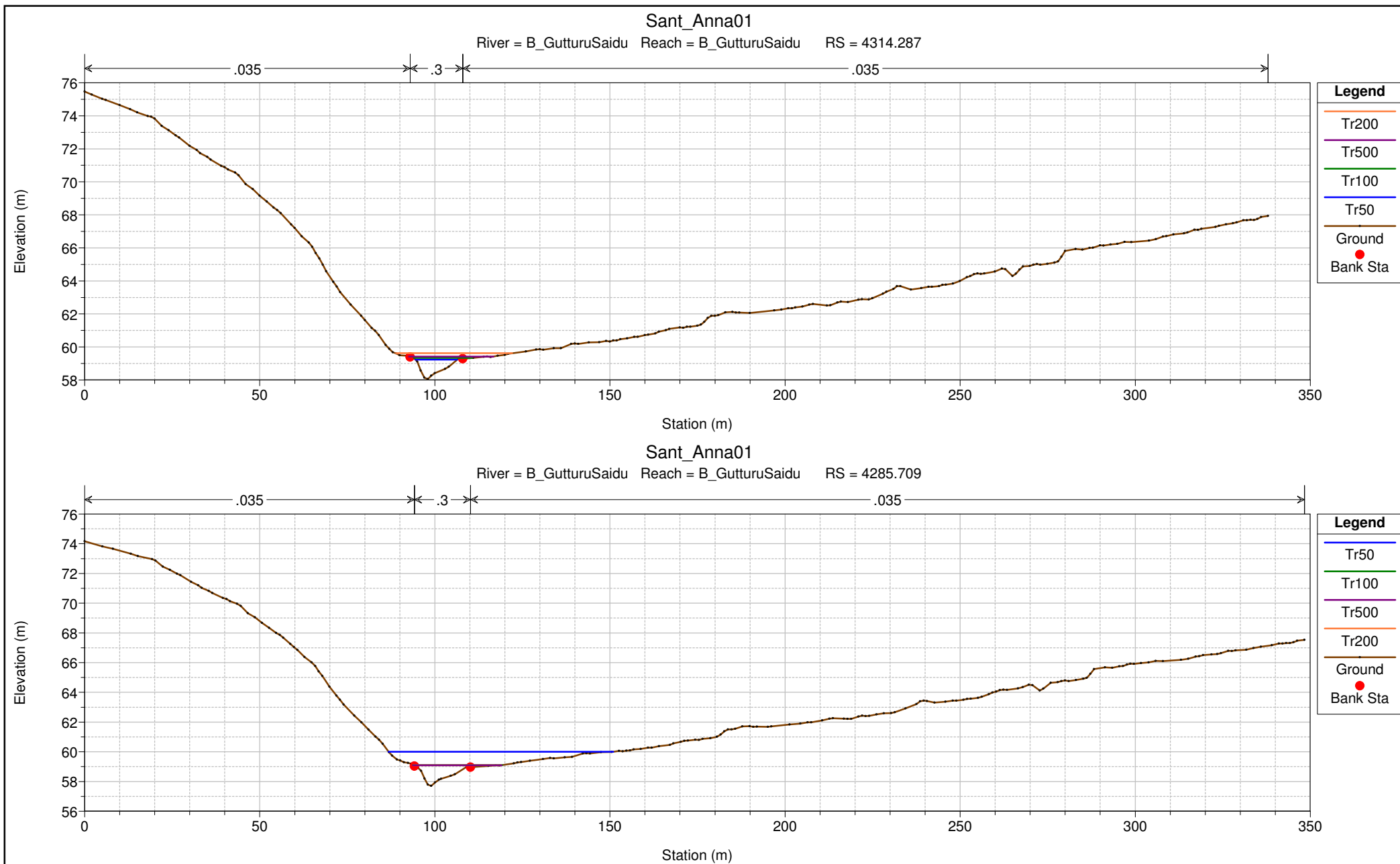


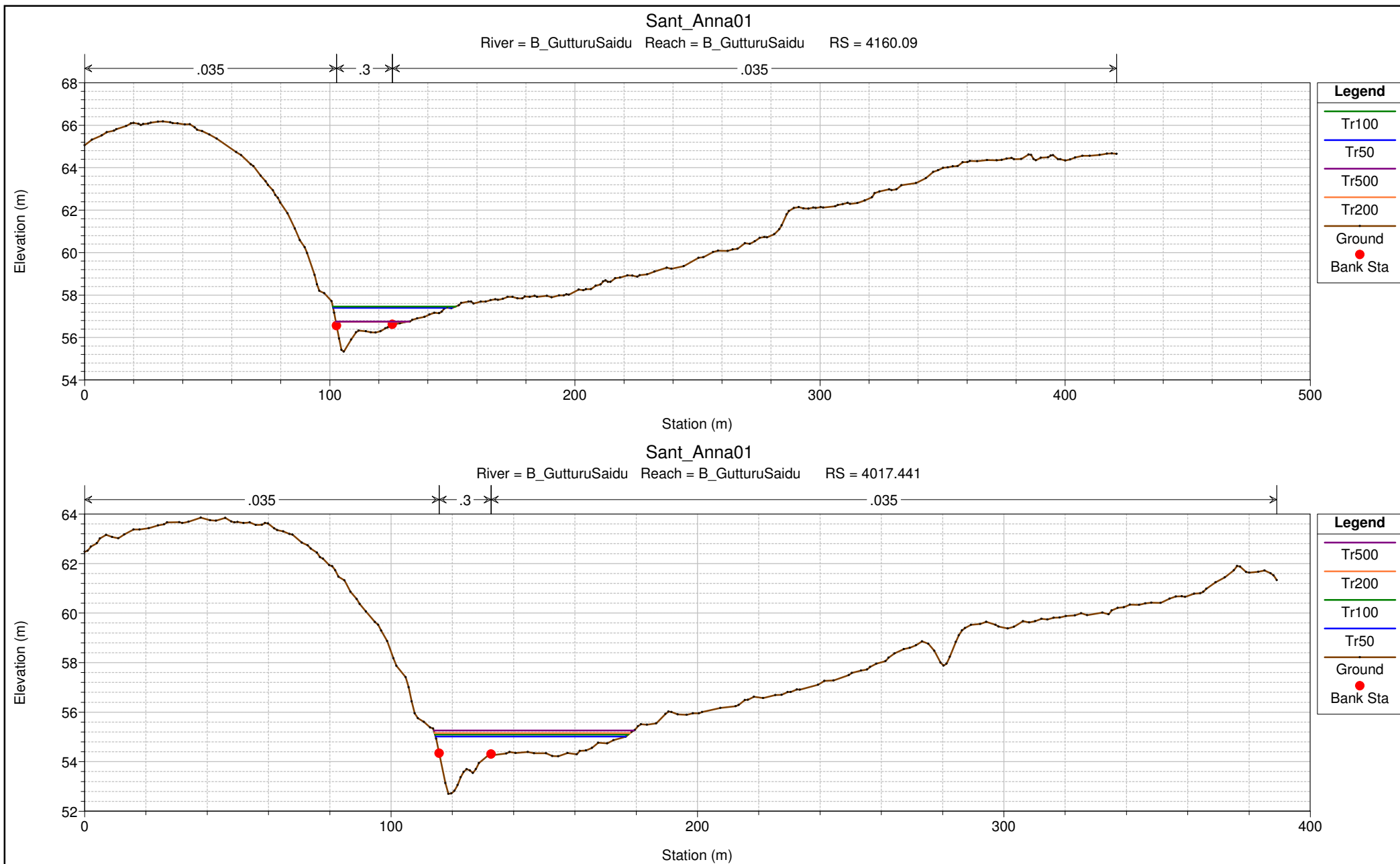


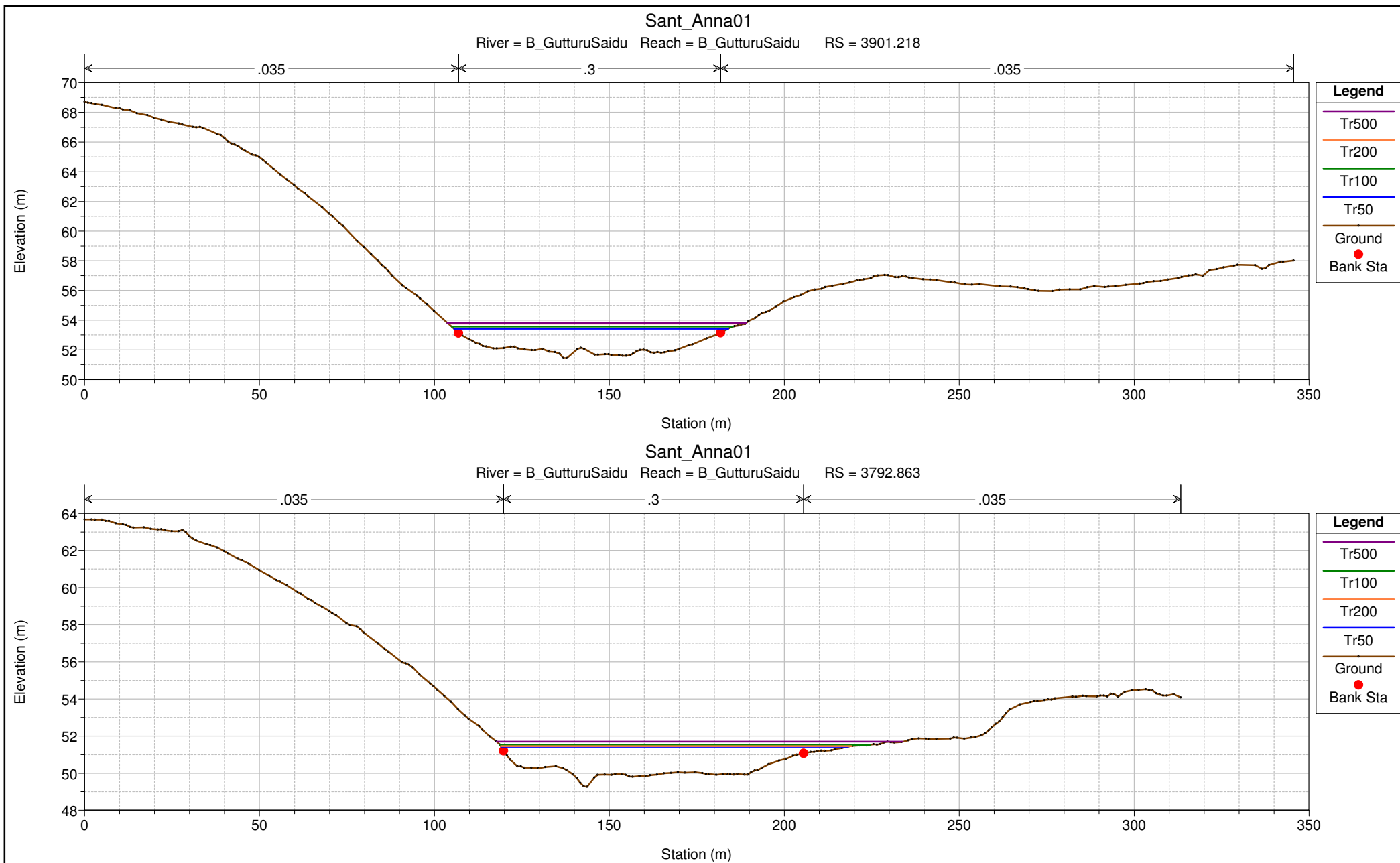


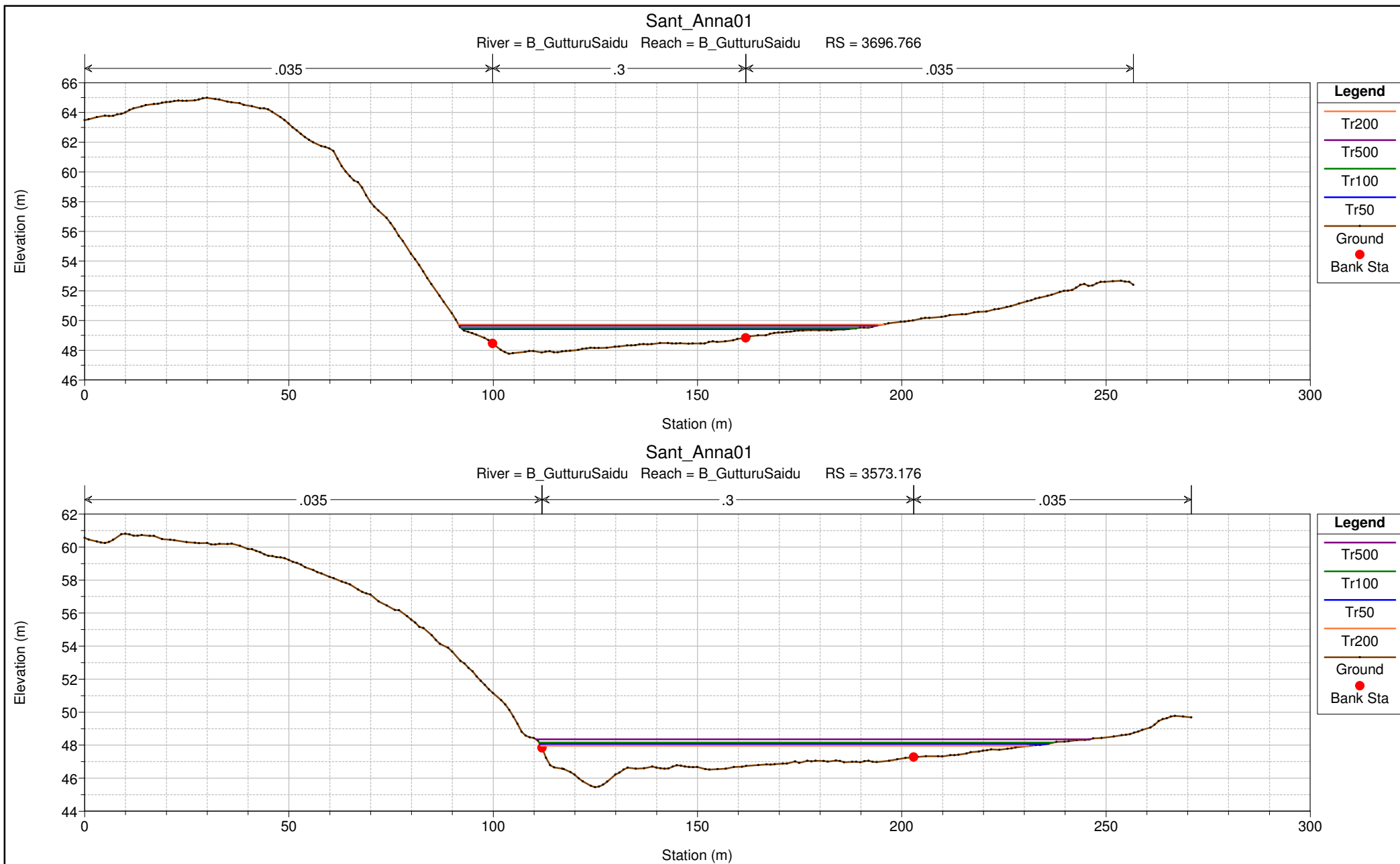


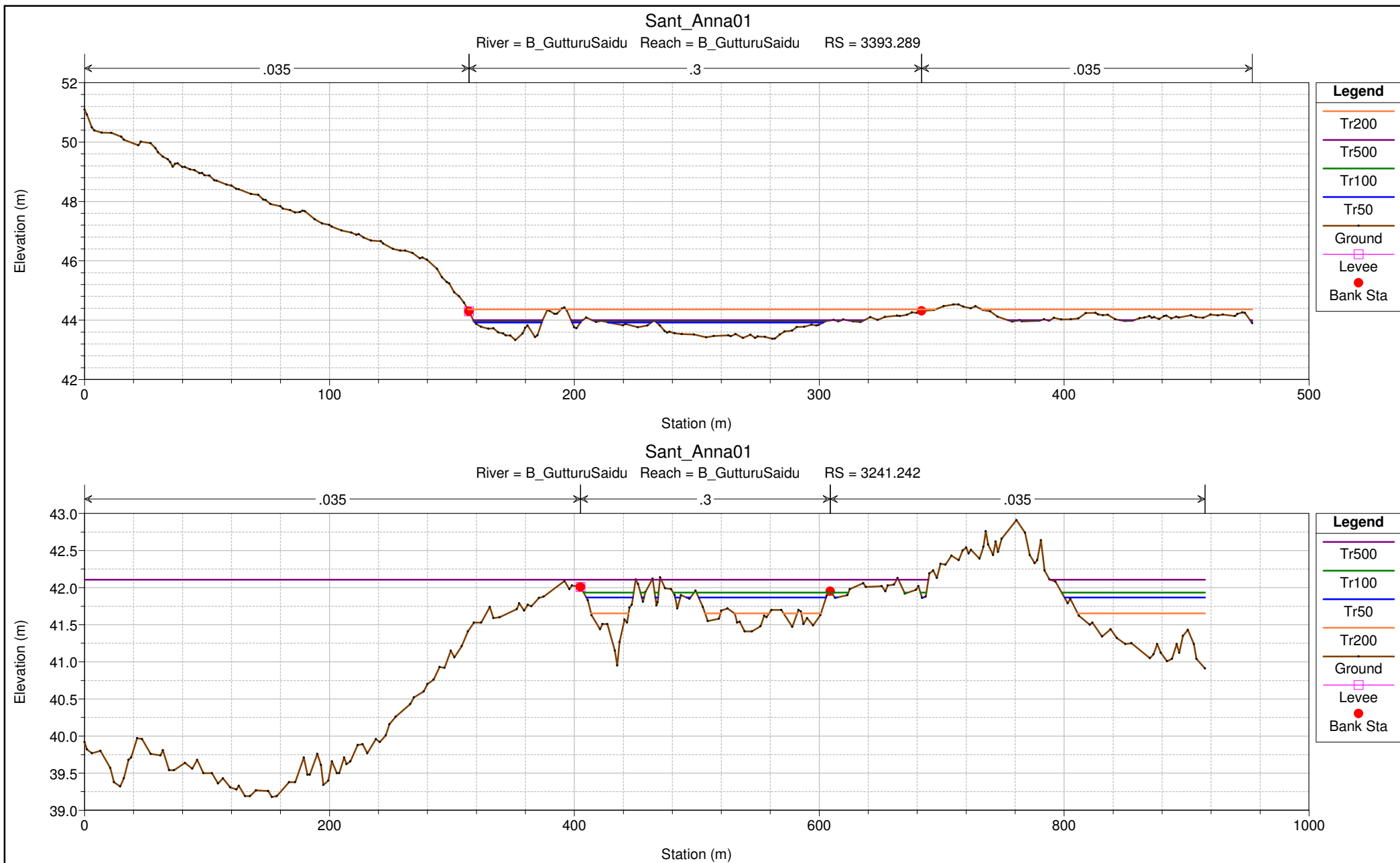


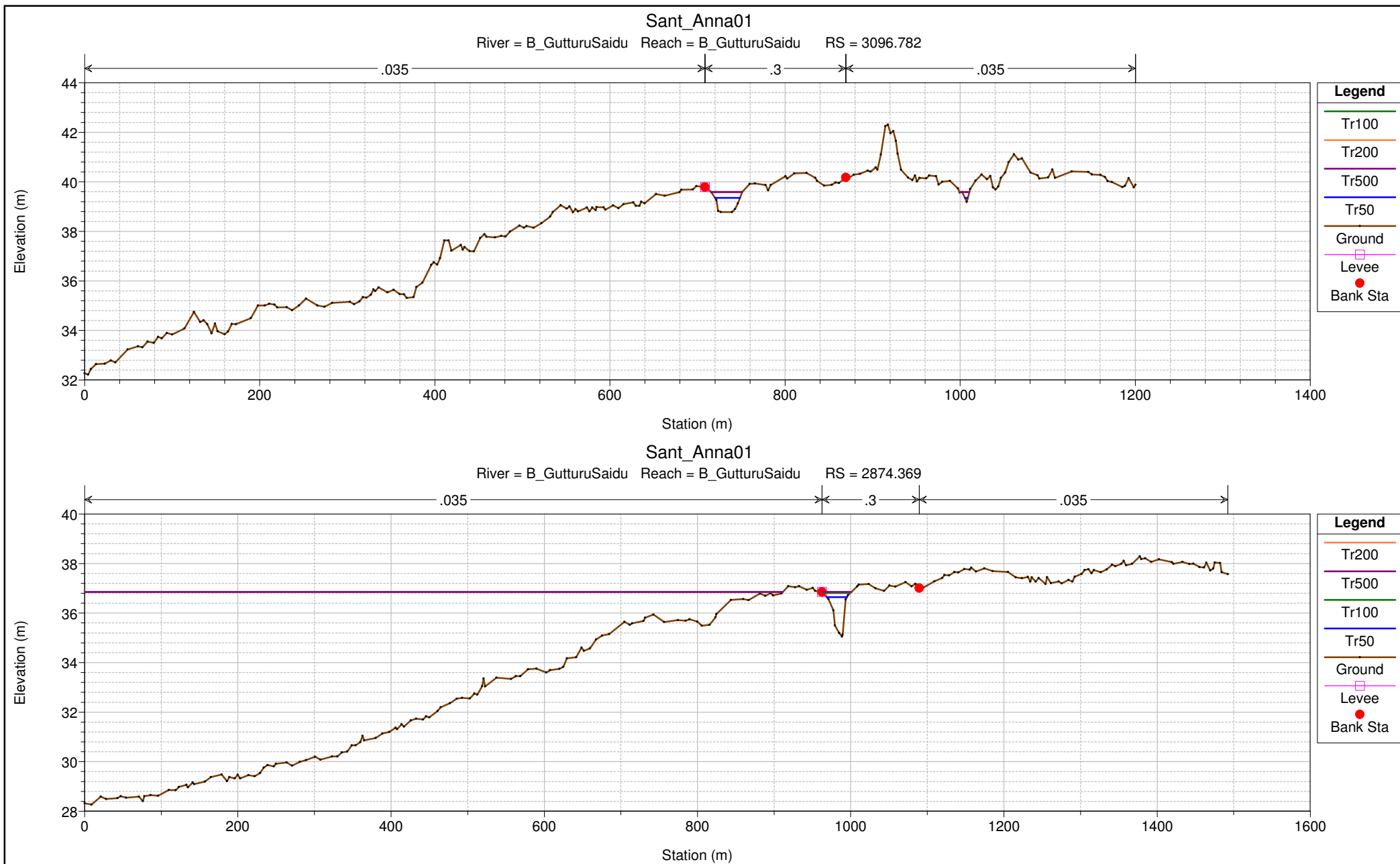


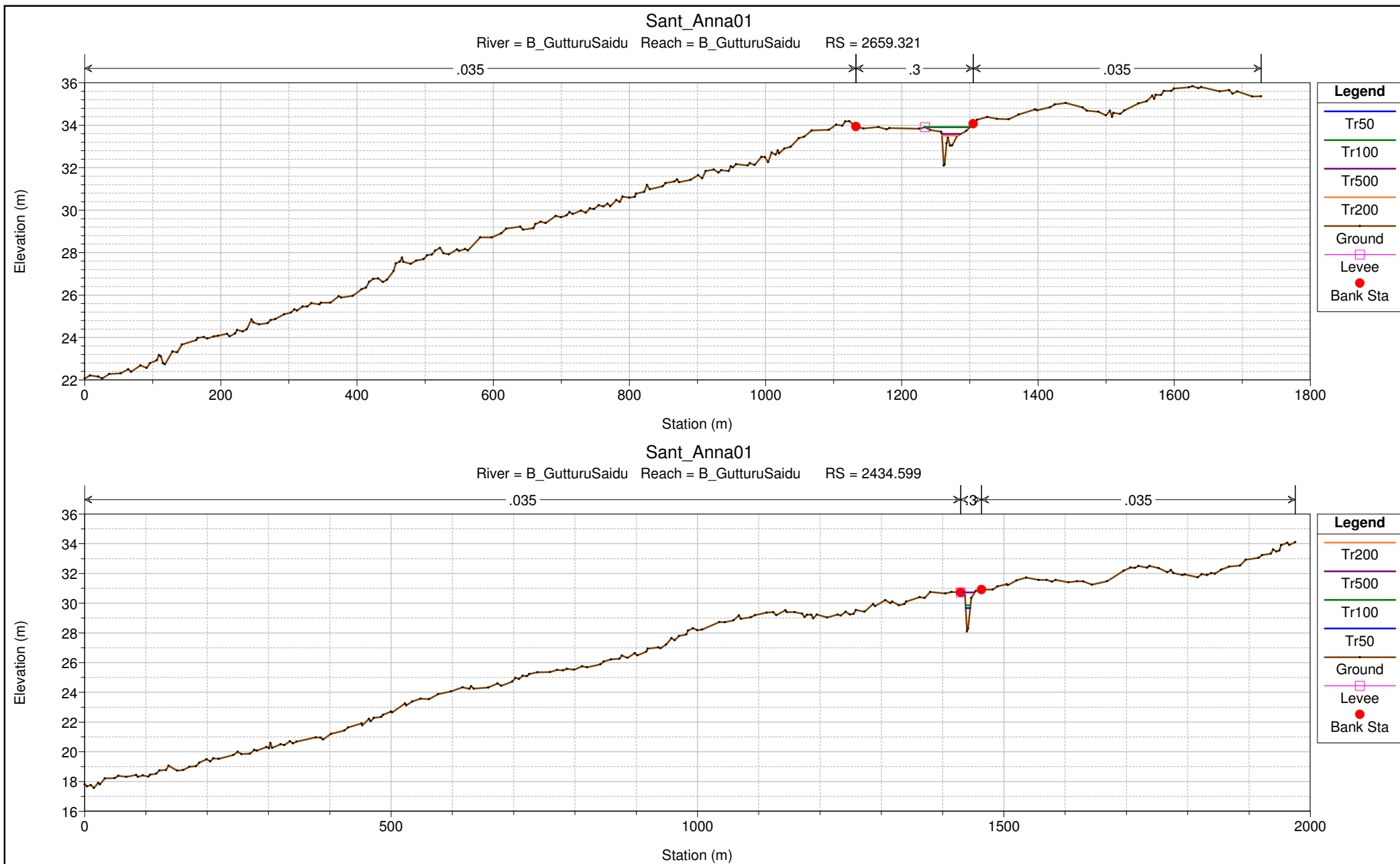


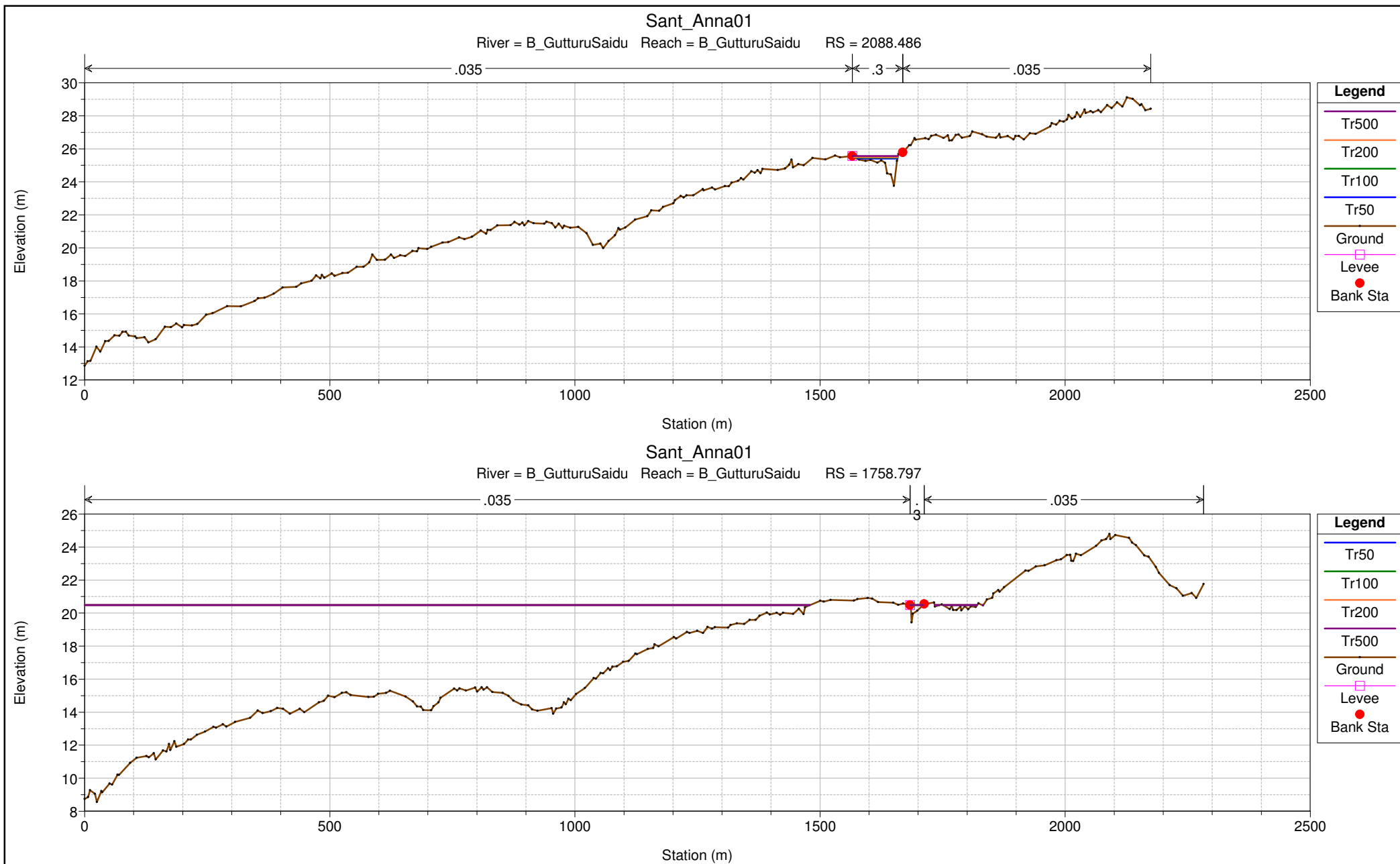


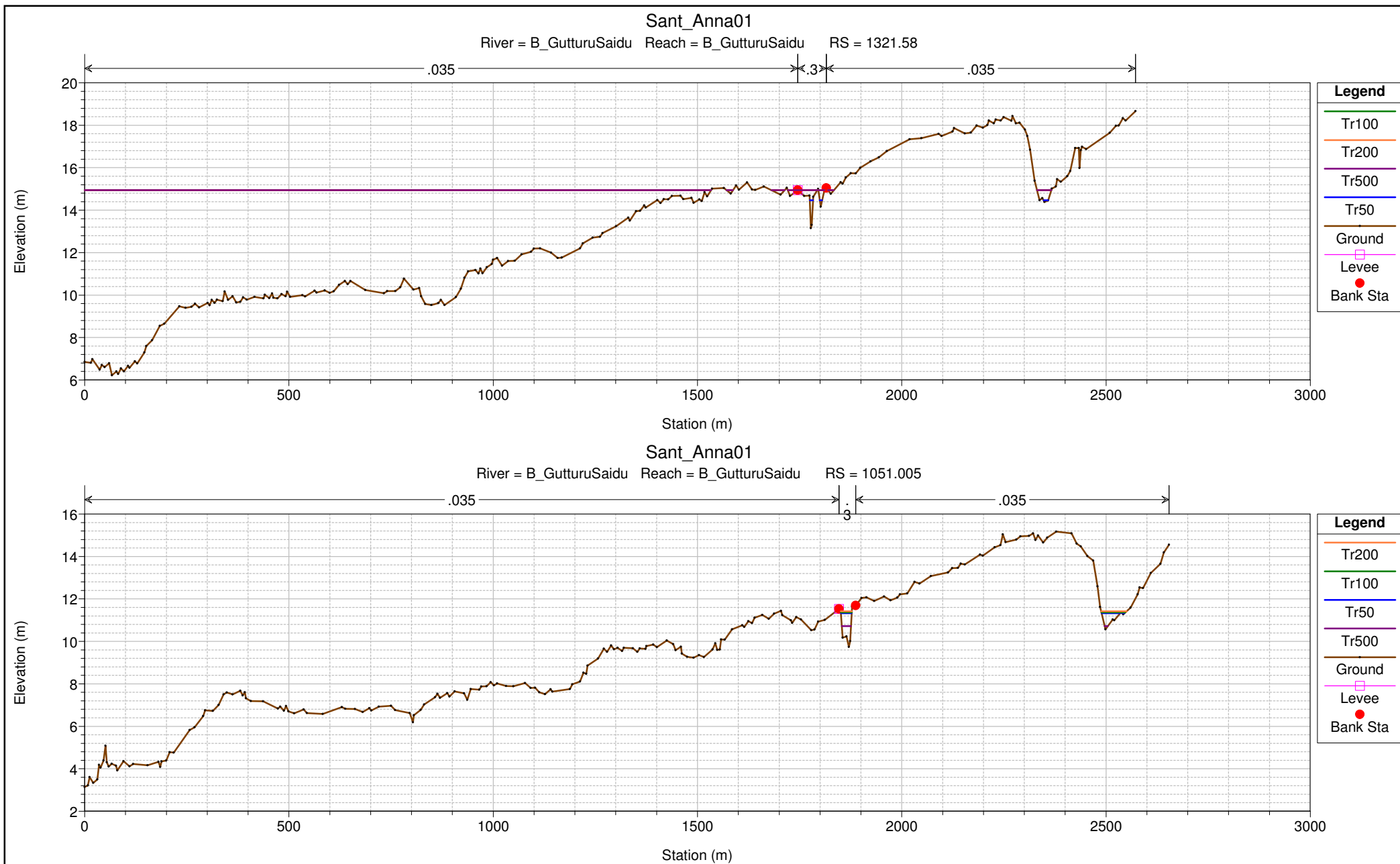


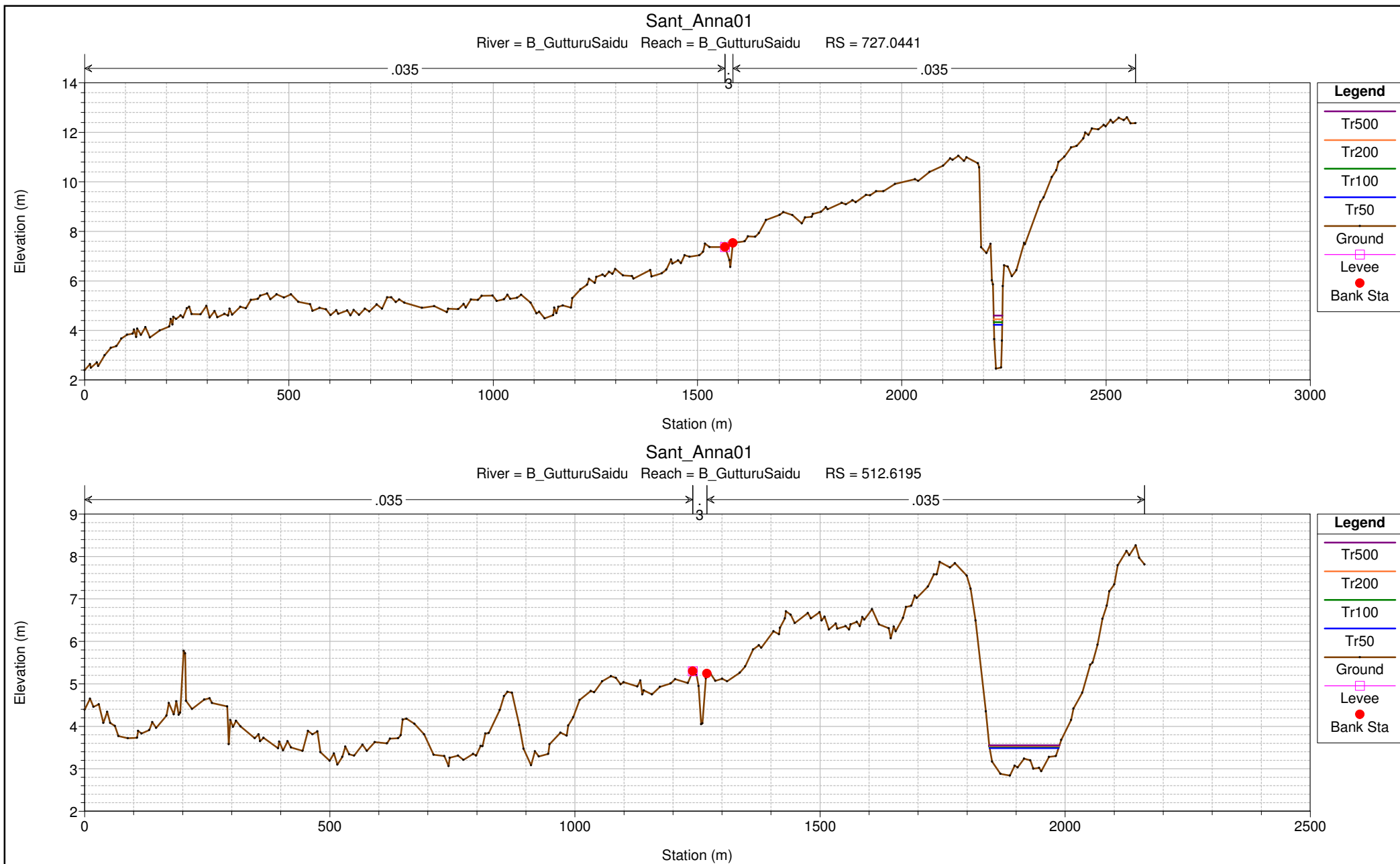


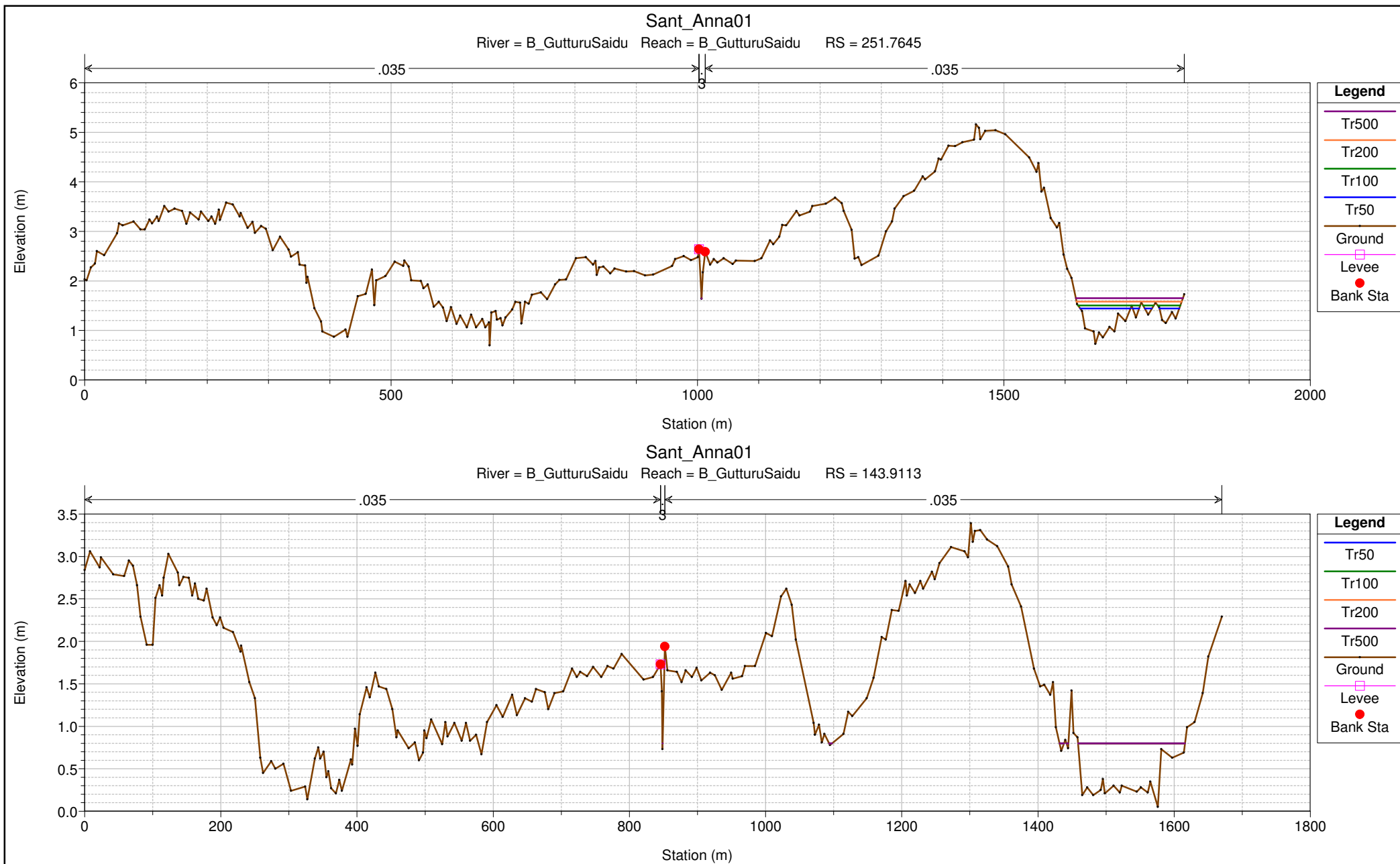


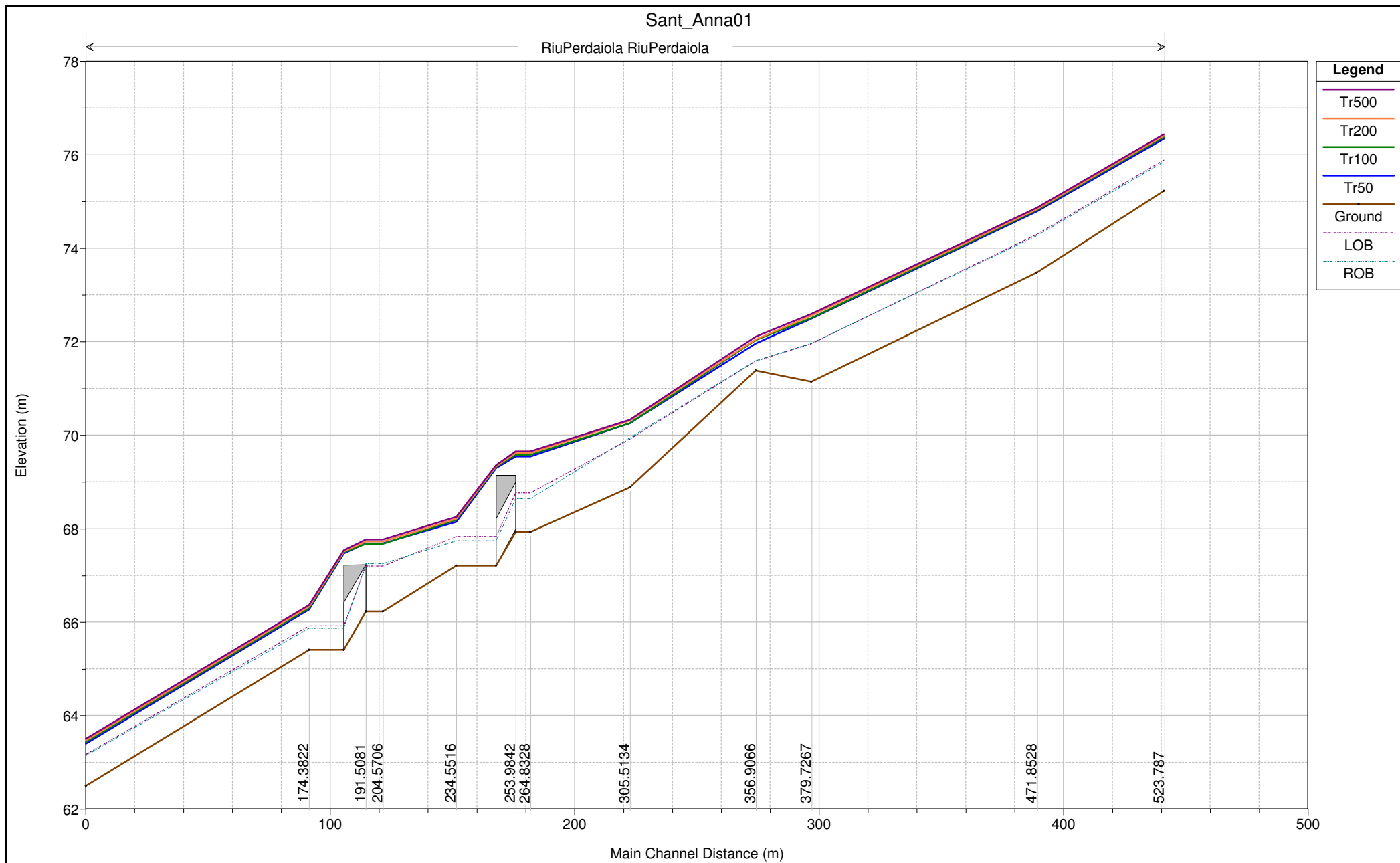


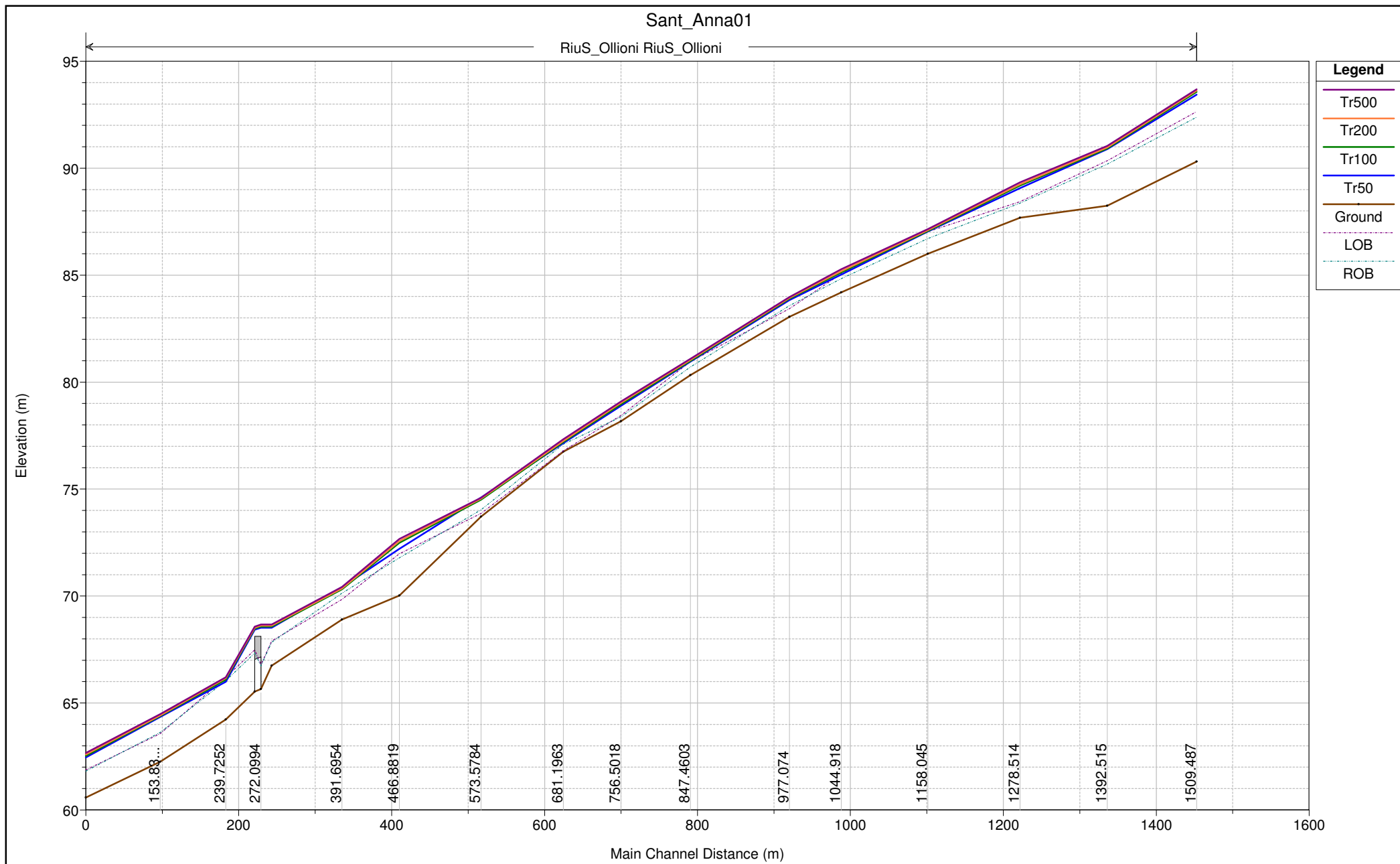


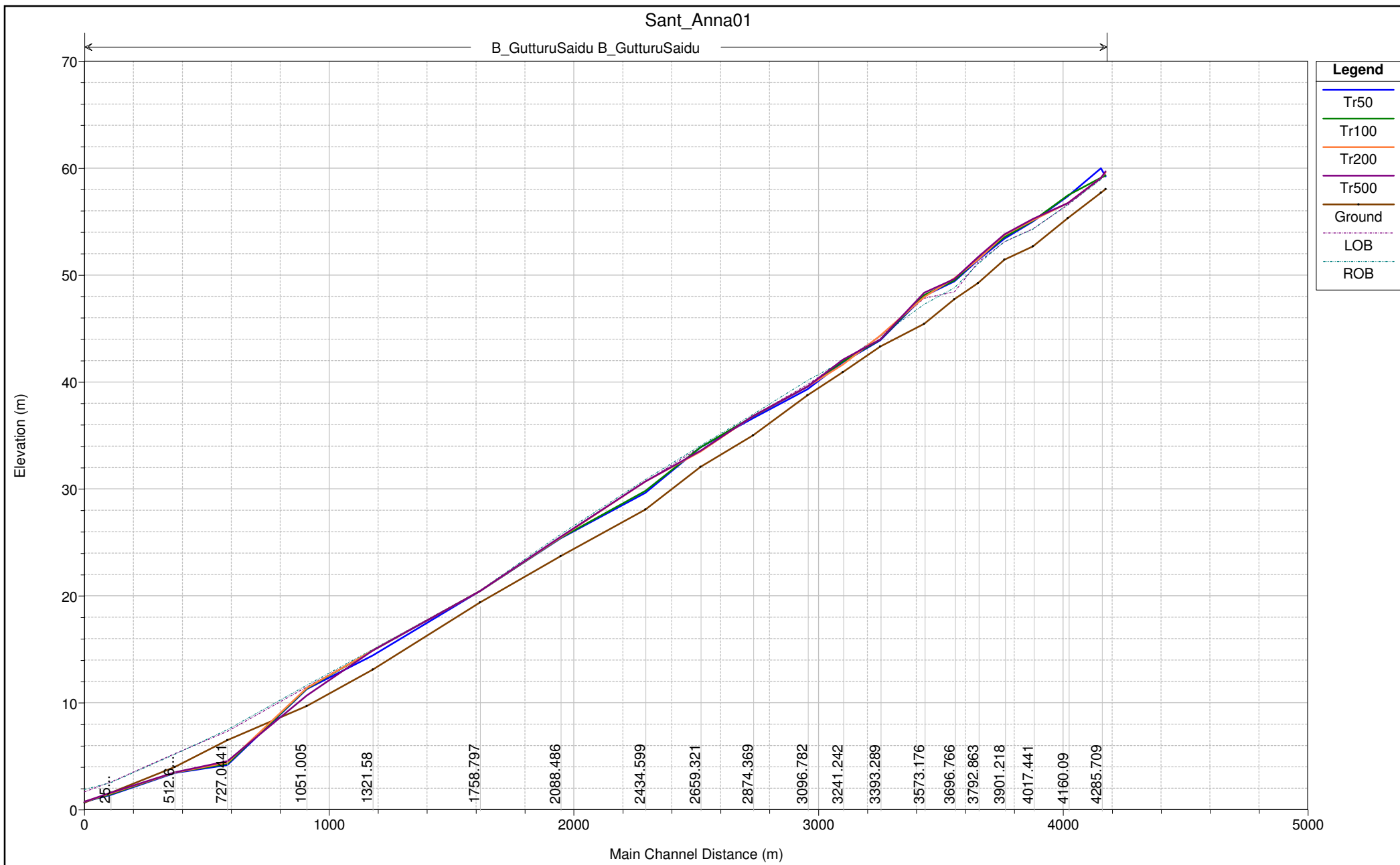












HEC-RAS Plan: Definitivo Locations: User Defined

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
RiuPerdaiola	RiuPerdaiola	523.787	Tr50	28.35	75.23	76.34	76.34	76.47	0.023846	0.42	22.28	81.24	0.16
RiuPerdaiola	RiuPerdaiola	523.787	Tr100	33.63	75.23	76.37	76.37	76.51	0.024667	0.44	24.86	86.50	0.16
RiuPerdaiola	RiuPerdaiola	523.787	Tr200	38.96	75.23	76.40	76.40	76.55	0.023485	0.44	27.60	89.97	0.16
RiuPerdaiola	RiuPerdaiola	523.787	Tr500	46.05	75.23	76.44	76.43	76.60	0.022532	0.45	30.68	93.37	0.15
RiuPerdaiola	RiuPerdaiola	471.8528	Tr50	28.35	73.48	74.83	74.81	74.95	0.025295	0.49	21.80	79.04	0.16
RiuPerdaiola	RiuPerdaiola	471.8528	Tr100	33.63	73.48	74.82	74.86	75.00	0.037033	0.59	21.55	78.68	0.20
RiuPerdaiola	RiuPerdaiola	471.8528	Tr200	38.96	73.48	74.85	74.89	75.04	0.035011	0.59	23.90	81.06	0.19
RiuPerdaiola	RiuPerdaiola	471.8528	Tr500	46.05	73.48	74.87	74.91	75.10	0.037726	0.62	25.61	81.52	0.20
RiuPerdaiola	RiuPerdaiola	379.7267	Tr50	28.35	71.15	72.41	72.40	72.57	0.024277	0.48	21.02	58.18	0.16
RiuPerdaiola	RiuPerdaiola	379.7267	Tr100	33.63	71.15	72.44	72.45	72.63	0.026108	0.50	22.59	60.54	0.17
RiuPerdaiola	RiuPerdaiola	379.7267	Tr200	38.96	71.15	72.47	72.49	72.69	0.026683	0.52	24.34	61.84	0.17
RiuPerdaiola	RiuPerdaiola	379.7267	Tr500	46.05	71.15	72.50	72.53	72.76	0.028925	0.55	26.13	63.10	0.18
RiuPerdaiola	RiuPerdaiola	356.9066	Tr50	28.35	71.39	71.98	71.97	72.13	0.043693	0.39	36.26	102.08	0.19
RiuPerdaiola	RiuPerdaiola	356.9066	Tr100	33.63	71.39	72.04	72.04	72.19	0.032455	0.37	42.89	106.17	0.17
RiuPerdaiola	RiuPerdaiola	356.9066	Tr200	38.96	71.39	72.05	72.05	72.24	0.040846	0.42	44.02	107.53	0.19
RiuPerdaiola	RiuPerdaiola	356.9066	Tr500	46.05	71.39	72.11	72.11	72.30	0.034111	0.42	50.53	111.44	0.18
RiuPerdaiola	RiuPerdaiola	305.5134	Tr50	28.35	68.89	70.27	70.27	70.42	0.021807	0.42	19.19	59.76	0.14
RiuPerdaiola	RiuPerdaiola	305.5134	Tr100	33.63	68.89	70.32	70.32	70.48	0.019138	0.41	22.49	68.29	0.14
RiuPerdaiola	RiuPerdaiola	305.5134	Tr200	38.96	68.89	70.35	70.37	70.52	0.020375	0.43	24.30	72.00	0.14
RiuPerdaiola	RiuPerdaiola	305.5134	Tr500	46.05	68.89	70.34	70.40	70.60	0.030477	0.52	23.75	70.97	0.17
RiuPerdaiola	RiuPerdaiola	264.8328	Tr50	28.35	67.94	69.55	69.38	69.59	0.003887	0.23	36.35	101.57	0.07
RiuPerdaiola	RiuPerdaiola	264.8328	Tr100	33.63	67.94	69.59	69.42	69.64	0.004078	0.24	40.33	105.78	0.07
RiuPerdaiola	RiuPerdaiola	264.8328	Tr200	38.96	67.94	69.62	69.46	69.68	0.004225	0.25	43.93	108.30	0.07
RiuPerdaiola	RiuPerdaiola	264.8328	Tr500	46.05	67.94	69.66	69.50	69.72	0.004540	0.27	48.10	111.78	0.07
RiuPerdaiola	RiuPerdaiola	253.9842		Culvert									
RiuPerdaiola	RiuPerdaiola	234.5516	Tr50	28.35	67.22	68.16	68.15	68.28	0.021039	0.35	20.48	75.27	0.14
RiuPerdaiola	RiuPerdaiola	234.5516	Tr100	33.63	67.22	68.19	68.19	68.33	0.019541	0.35	23.16	78.68	0.14
RiuPerdaiola	RiuPerdaiola	234.5516	Tr200	38.96	67.22	68.22	68.22	68.37	0.020649	0.37	25.29	80.41	0.14
RiuPerdaiola	RiuPerdaiola	234.5516	Tr500	46.05	67.22	68.26	68.26	68.42	0.019272	0.37	28.52	82.12	0.14

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
RiuPerdaiola	RiuPerdaiola	204.5706	Tr50	28.35	66.24	67.69	67.57	67.74	0.006193	0.25	34.97	111.44	0.08
RiuPerdaiola	RiuPerdaiola	204.5706	Tr100	33.63	66.24	67.69	67.60	67.75	0.009211	0.31	34.43	111.10	0.10
RiuPerdaiola	RiuPerdaiola	204.5706	Tr200	38.96	66.24	67.74	67.62	67.80	0.007412	0.28	39.93	112.61	0.09
RiuPerdaiola	RiuPerdaiola	204.5706	Tr500	46.05	66.24	67.78	67.66	67.85	0.006998	0.28	44.54	113.12	0.09
RiuPerdaiola	RiuPerdaiola	191.5081		Culvert									
RiuPerdaiola	RiuPerdaiola	174.3822	Tr50	28.35	65.42	66.28	66.28	66.41	0.022546	0.37	20.89	79.59	0.15
RiuPerdaiola	RiuPerdaiola	174.3822	Tr100	33.63	65.42	66.31	66.31	66.45	0.022518	0.38	23.34	80.45	0.15
RiuPerdaiola	RiuPerdaiola	174.3822	Tr200	38.96	65.42	66.34	66.34	66.49	0.021347	0.38	25.72	80.98	0.15
RiuPerdaiola	RiuPerdaiola	174.3822	Tr500	46.05	65.42	66.37	66.37	66.55	0.020377	0.39	28.64	81.57	0.14
RiuPerdaiola	RiuPerdaiola	83.11173	Tr50	28.35	62.51	63.44	63.60	63.93	0.059787	0.59	11.13	32.21	0.23
RiuPerdaiola	RiuPerdaiola	83.11173	Tr100	33.63	62.51	63.49	63.66	64.01	0.059047	0.61	12.47	33.74	0.23
RiuPerdaiola	RiuPerdaiola	83.11173	Tr200	38.96	62.51	63.53	63.75	64.08	0.053999	0.61	14.08	35.20	0.23
RiuPerdaiola	RiuPerdaiola	83.11173	Tr500	46.05	62.51	63.58	63.80	64.17	0.051650	0.63	15.93	36.98	0.22
RiuS_Ollioni	RiuS_Ollioni	1509.487	Tr50	45.94	90.31	93.64	92.48	93.76	0.020261	0.80	39.03	60.66	0.16
RiuS_Ollioni	RiuS_Ollioni	1509.487	Tr100	54.54	90.31	93.70	92.62	93.84	0.019814	0.81	42.46	61.52	0.16
RiuS_Ollioni	RiuS_Ollioni	1509.487	Tr200	63.22	90.31	93.75	92.71	93.91	0.019515	0.81	45.70	62.84	0.16
RiuS_Ollioni	RiuS_Ollioni	1509.487	Tr500	74.78	90.31	93.81	92.80	94.01	0.019219	0.82	49.61	63.90	0.16
RiuS_Ollioni	RiuS_Ollioni	1392.515	Tr50	45.94	88.24	90.85		91.01	0.013968	0.55	37.38	50.27	0.13
RiuS_Ollioni	RiuS_Ollioni	1392.515	Tr100	54.54	88.24	90.91		91.10	0.013865	0.56	40.77	51.71	0.13
RiuS_Ollioni	RiuS_Ollioni	1392.515	Tr200	63.22	88.24	90.97		91.19	0.013830	0.57	43.90	52.80	0.13
RiuS_Ollioni	RiuS_Ollioni	1392.515	Tr500	74.78	88.24	91.05		91.29	0.013708	0.59	47.96	54.34	0.13
RiuS_Ollioni	RiuS_Ollioni	1278.514	Tr50	45.94	87.68	89.14		89.38	0.016347	0.45	30.70	48.62	0.14
RiuS_Ollioni	RiuS_Ollioni	1278.514	Tr100	54.54	87.68	89.20	89.18	89.48	0.016605	0.47	33.54	49.55	0.14
RiuS_Ollioni	RiuS_Ollioni	1278.514	Tr200	63.22	87.68	89.25	89.25	89.57	0.016711	0.49	36.31	50.49	0.14
RiuS_Ollioni	RiuS_Ollioni	1278.514	Tr500	74.78	87.68	89.33	89.33	89.68	0.016300	0.50	40.13	51.61	0.14
RiuS_Ollioni	RiuS_Ollioni	1158.045	Tr50	45.94	86.00	87.03	87.04	87.30	0.018035	0.34	24.89	47.90	0.13
RiuS_Ollioni	RiuS_Ollioni	1158.045	Tr100	54.54	86.00	87.08	87.11	87.39	0.019101	0.37	27.26	49.13	0.14
RiuS_Ollioni	RiuS_Ollioni	1158.045	Tr200	63.22	86.00	87.13	87.17	87.48	0.019587	0.39	29.67	50.16	0.14
RiuS_Ollioni	RiuS_Ollioni	1158.045	Tr500	74.78	86.00	87.20	87.25	87.58	0.019207	0.41	33.20	51.64	0.14

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
RiuS_Ollioni	RiuS_Ollioni	1044.918	Tr50	45.94	84.20	85.14	85.07	85.36	0.010375	0.24	25.90	42.82	0.10
RiuS_Ollioni	RiuS_Ollioni	1044.918	Tr100	54.54	84.20	85.21	85.14	85.46	0.010257	0.25	28.88	43.12	0.10
RiuS_Ollioni	RiuS_Ollioni	1044.918	Tr200	63.22	84.20	85.27	85.21	85.55	0.010626	0.27	31.26	43.30	0.10
RiuS_Ollioni	RiuS_Ollioni	1044.918	Tr500	74.78	84.20	85.34	85.28	85.66	0.010814	0.29	34.47	43.54	0.10
RiuS_Ollioni	RiuS_Ollioni	977.074	Tr50	45.94	83.05	83.80	83.87	84.12	0.020055	0.32	21.65	48.38	0.14
RiuS_Ollioni	RiuS_Ollioni	977.074	Tr100	54.54	83.05	83.85	83.93	84.22	0.020922	0.35	23.90	49.61	0.14
RiuS_Ollioni	RiuS_Ollioni	977.074	Tr200	63.22	83.05	83.89	83.99	84.31	0.021752	0.37	25.96	50.17	0.14
RiuS_Ollioni	RiuS_Ollioni	977.074	Tr500	74.78	83.05	83.94	84.06	84.42	0.022649	0.39	28.55	50.84	0.15
RiuS_Ollioni	RiuS_Ollioni	847.4603	Tr50	45.94	80.33	80.93	81.05	81.32	0.040231	0.33	19.09	64.36	0.18
RiuS_Ollioni	RiuS_Ollioni	847.4603	Tr100	54.54	80.33	80.98	81.10	81.40	0.038362	0.31	21.89	67.74	0.17
RiuS_Ollioni	RiuS_Ollioni	847.4603	Tr200	63.22	80.33	81.01	81.15	81.47	0.037975	0.33	24.20	68.28	0.17
RiuS_Ollioni	RiuS_Ollioni	847.4603	Tr500	74.78	80.33	81.05	81.19	81.56	0.037562	0.35	27.07	68.86	0.18
RiuS_Ollioni	RiuS_Ollioni	756.5018	Tr50	45.94	78.17	78.85	78.89	79.18	0.015399	0.29	22.51	41.09	0.12
RiuS_Ollioni	RiuS_Ollioni	756.5018	Tr100	54.54	78.17	78.91	78.96	79.29	0.015338	0.31	25.25	41.72	0.12
RiuS_Ollioni	RiuS_Ollioni	756.5018	Tr200	63.22	78.17	78.98	79.03	79.38	0.015214	0.32	27.89	42.25	0.12
RiuS_Ollioni	RiuS_Ollioni	756.5018	Tr500	74.78	78.17	79.06	79.12	79.50	0.015111	0.35	31.20	42.90	0.13
RiuS_Ollioni	RiuS_Ollioni	681.1963	Tr50	45.94	76.75	77.22	77.30	77.61	0.022078	0.24	18.45	38.13	0.13
RiuS_Ollioni	RiuS_Ollioni	681.1963	Tr100	54.54	76.75	77.28	77.37	77.72	0.022002	0.27	20.69	38.50	0.13
RiuS_Ollioni	RiuS_Ollioni	681.1963	Tr200	63.22	76.75	77.34	77.44	77.83	0.022003	0.29	22.81	38.84	0.14
RiuS_Ollioni	RiuS_Ollioni	681.1963	Tr500	74.78	76.75	77.40	77.53	77.96	0.022385	0.32	25.33	39.24	0.14
RiuS_Ollioni	RiuS_Ollioni	573.5784	Tr50	45.94	73.71	74.53	74.50	74.77	0.013160	0.30	28.07	49.06	0.11
RiuS_Ollioni	RiuS_Ollioni	573.5784	Tr100	54.54	73.71	74.60	74.57	74.86	0.013154	0.32	31.21	49.94	0.12
RiuS_Ollioni	RiuS_Ollioni	573.5784	Tr200	63.22	73.71	74.66	74.63	74.95	0.012710	0.33	34.61	50.99	0.12
RiuS_Ollioni	RiuS_Ollioni	573.5784	Tr500	74.78	73.71	74.75	74.71	75.06	0.012186	0.35	39.00	52.35	0.12
RiuS_Ollioni	RiuS_Ollioni	466.8819	Tr50	45.94	70.02	71.62	71.62	75.16	8.424274	8.17	5.55	10.83	2.76
RiuS_Ollioni	RiuS_Ollioni	466.8819	Tr100	54.54	70.02	72.42	72.49	72.84	0.023691	0.60	27.19	36.90	0.16
RiuS_Ollioni	RiuS_Ollioni	466.8819	Tr200	63.22	70.02	72.48	72.57	72.95	0.023438	0.62	29.60	38.16	0.16
RiuS_Ollioni	RiuS_Ollioni	466.8819	Tr500	74.78	70.02	72.56	72.67	73.09	0.023336	0.64	32.60	39.55	0.16
RiuS_Ollioni	RiuS_Ollioni	391.6954	Tr50	45.94	68.90	70.26	70.42	70.82	0.033559	0.57	19.03	33.10	0.19
RiuS_Ollioni	RiuS_Ollioni	391.6954	Tr100	54.54	68.90	70.33	70.52	70.95	0.032775	0.59	21.27	34.06	0.19

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
RiuS_Ollioni	RiuS_Ollioni	391.6954	Tr200	63.22	68.90	70.39	70.60	71.06	0.031489	0.60	23.54	34.92	0.18
RiuS_Ollioni	RiuS_Ollioni	391.6954	Tr500	74.78	68.90	70.48	70.70	71.20	0.029369	0.61	26.78	38.09	0.18
RiuS_Ollioni	RiuS_Ollioni	299.5948	Tr50	45.94	66.75	68.52	68.07	68.56	0.001601	0.15	61.12	74.77	0.04
RiuS_Ollioni	RiuS_Ollioni	299.5948	Tr100	54.54	66.75	68.57	68.13	68.62	0.001819	0.17	65.19	75.55	0.05
RiuS_Ollioni	RiuS_Ollioni	299.5948	Tr200	63.22	66.75	68.62	68.18	68.68	0.002051	0.18	68.66	76.09	0.05
RiuS_Ollioni	RiuS_Ollioni	299.5948	Tr500	74.78	66.75	68.69	68.24	68.77	0.002215	0.20	74.54	77.83	0.05
RiuS_Ollioni	RiuS_Ollioni	272.0994		Culvert									
RiuS_Ollioni	RiuS_Ollioni	239.7252	Tr50	45.94	64.23	66.21	65.59	66.64	0.045822	0.69	28.61	42.76	0.22
RiuS_Ollioni	RiuS_Ollioni	239.7252	Tr100	54.54	64.23	66.26	65.59	66.78	0.048275	0.73	30.67	43.60	0.23
RiuS_Ollioni	RiuS_Ollioni	239.7252	Tr200	63.22	64.23	65.60	65.59	68.06	5.744759	6.33	9.58	20.02	2.37
RiuS_Ollioni	RiuS_Ollioni	239.7252	Tr500	74.78	64.23	68.15	65.59	68.16	0.000168	0.09	193.39	107.46	0.02
RiuS_Ollioni	RiuS_Ollioni	153.835	Tr50	45.94	62.26	64.31		64.50	0.019219	0.55	35.09	53.72	0.15
RiuS_Ollioni	RiuS_Ollioni	153.835	Tr100	54.54	62.26	63.74	63.74	64.95	2.703265	4.56	11.56	26.01	1.65
RiuS_Ollioni	RiuS_Ollioni	153.835	Tr200	63.22	62.26	63.75	63.75	65.36	3.533800	5.22	11.65	26.10	1.89
RiuS_Ollioni	RiuS_Ollioni	153.835	Tr500	74.78	62.26	63.74	63.74	66.01	5.182513	6.30	11.51	25.95	2.28
RiuS_Ollioni	RiuS_Ollioni	56.69637	Tr50	45.94	60.58	62.46	62.46	62.74	0.027017	0.66	26.38	46.50	0.18
RiuS_Ollioni	RiuS_Ollioni	56.69637	Tr100	54.54	60.58	62.53	62.53	62.83	0.023328	0.63	29.74	46.89	0.17
RiuS_Ollioni	RiuS_Ollioni	56.69637	Tr200	63.22	60.58	62.59	62.59	62.93	0.021910	0.63	32.51	47.21	0.16
RiuS_Ollioni	RiuS_Ollioni	56.69637	Tr500	74.78	60.58	62.67	62.68	63.04	0.019695	0.62	36.39	47.69	0.16
B_GutturuSaidu	B_GutturuSaidu	4314.287	Tr50	59.25	58.05	59.23	60.07	62.44	11.005000	7.94	7.46	11.92	3.20
B_GutturuSaidu	B_GutturuSaidu	4314.287	Tr100	70.08	58.05	59.33	60.17	62.54	10.871720	7.94	8.83	16.59	3.19
B_GutturuSaidu	B_GutturuSaidu	4314.287	Tr200	80.97	58.05	59.62	60.27	62.66	1.349664	3.47	16.34	33.22	1.19
B_GutturuSaidu	B_GutturuSaidu	4314.287	Tr500	95.43	58.05	59.42	59.42	63.87	12.335730	8.81	10.52	24.13	3.44
B_GutturuSaidu	B_GutturuSaidu	4285.709	Tr50	59.25	57.71	59.10	59.10	60.59	3.744391	4.94	11.52	25.30	1.91
B_GutturuSaidu	B_GutturuSaidu	4285.709	Tr100	70.08	57.71	59.11	59.11	61.19	4.937866	5.71	11.70	25.55	2.19
B_GutturuSaidu	B_GutturuSaidu	4285.709	Tr200	80.97	57.71	59.10	59.10	61.88	7.156402	6.81	11.46	25.20	2.63
B_GutturuSaidu	B_GutturuSaidu	4285.709	Tr500	95.43	57.71	59.10	59.10	62.97	9.739636	7.96	11.52	25.29	3.07
B_GutturuSaidu	B_GutturuSaidu	4160.09	Tr50	59.25	55.34	57.58		57.82	0.018387	0.57	48.54	52.20	0.15
B_GutturuSaidu	B_GutturuSaidu	4160.09	Tr100	70.08	55.34	57.66		57.93	0.019041	0.60	52.55	56.51	0.16

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

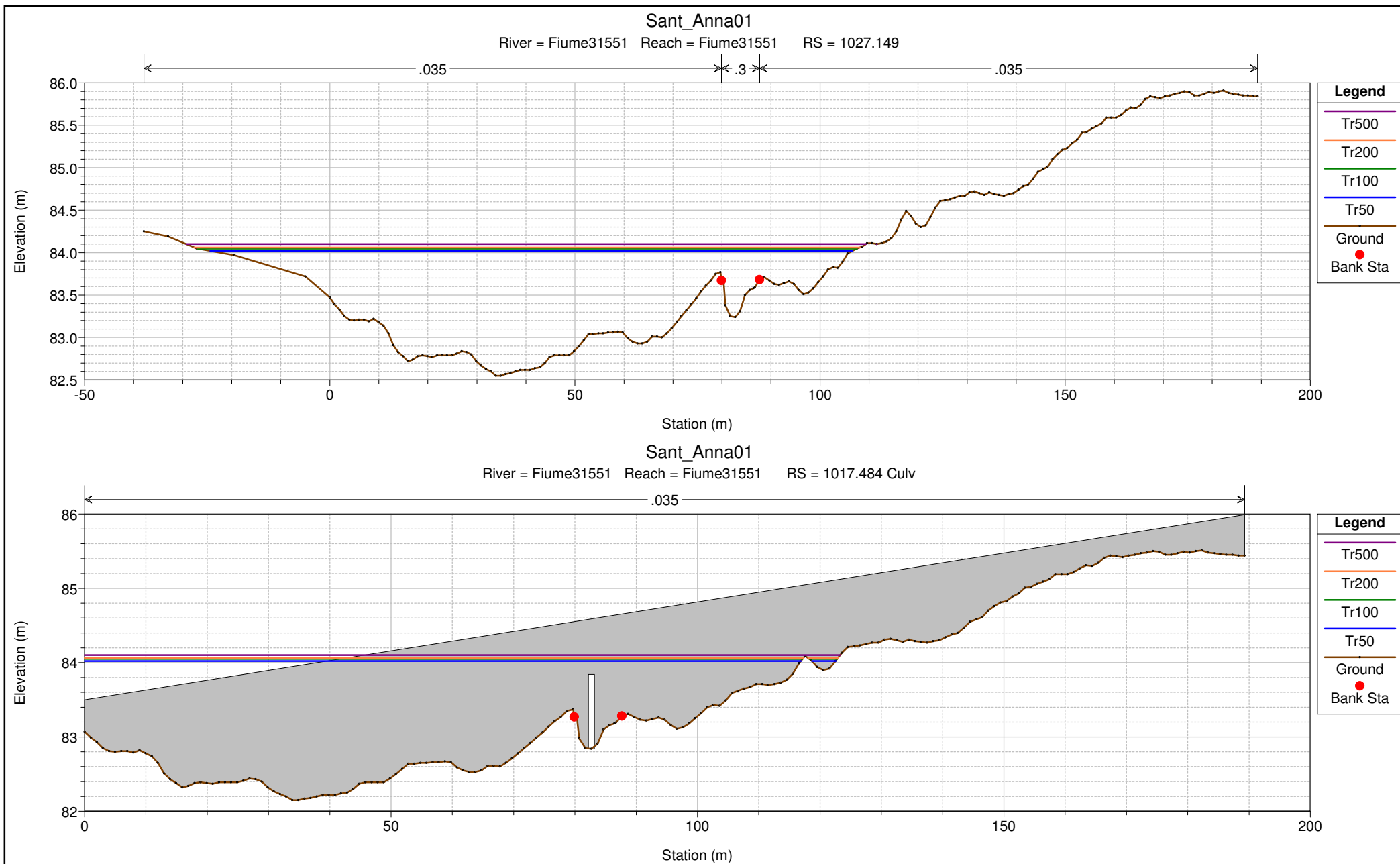
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
B_GutturuSaidu	B_GutturuSaidu	4160.09	Tr200	80.97	55.34	57.76		58.01	0.019442	0.63	59.09	65.30	0.16
B_GutturuSaidu	B_GutturuSaidu	4160.09	Tr500	95.43	55.34	56.75	56.75	59.33	7.845013	6.56	14.11	30.00	2.70
B_GutturuSaidu	B_GutturuSaidu	4017.441	Tr50	59.25	52.70	55.11		55.24	0.006526	0.35	55.75	63.34	0.09
B_GutturuSaidu	B_GutturuSaidu	4017.441	Tr100	70.08	52.70	57.00		57.00	0.000098	0.07	232.89	130.27	0.01
B_GutturuSaidu	B_GutturuSaidu	4017.441	Tr200	80.97	52.70	55.29		55.45	0.005951	0.36	67.22	65.81	0.09
B_GutturuSaidu	B_GutturuSaidu	4017.441	Tr500	95.43	52.70	55.39		55.57	0.005771	0.37	73.94	67.71	0.09
B_GutturuSaidu	B_GutturuSaidu	3901.218	Tr50	59.25	51.45	53.46		53.47	0.019066	0.57	103.72	78.82	0.15
B_GutturuSaidu	B_GutturuSaidu	3901.218	Tr100	70.08	51.45	56.99		56.99	0.000063	0.08	523.16	223.00	0.01
B_GutturuSaidu	B_GutturuSaidu	3901.218	Tr200	80.97	51.45	53.70		53.73	0.019348	0.64	123.76	83.45	0.16
B_GutturuSaidu	B_GutturuSaidu	3901.218	Tr500	95.43	51.45	53.84		53.87	0.019455	0.68	135.25	85.65	0.16
B_GutturuSaidu	B_GutturuSaidu	3792.863	Tr50	59.25	49.27	51.39		51.40	0.018800	0.53	109.37	98.16	0.15
B_GutturuSaidu	B_GutturuSaidu	3792.863	Tr100	70.08	49.27	56.99		56.99	0.000002	0.02	1132.70	229.34	0.00
B_GutturuSaidu	B_GutturuSaidu	3792.863	Tr200	80.97	49.27	51.58		51.61	0.019261	0.59	129.20	109.12	0.16
B_GutturuSaidu	B_GutturuSaidu	3792.863	Tr500	95.43	49.27	51.68		51.72	0.019302	0.62	139.97	114.35	0.16
B_GutturuSaidu	B_GutturuSaidu	3696.766	Tr50	59.25	47.77	49.57		49.63	0.013062	0.46	94.82	100.84	0.13
B_GutturuSaidu	B_GutturuSaidu	3696.766	Tr100	70.08	47.77	56.99		56.99	0.000001	0.01	1286.33	183.08	0.00
B_GutturuSaidu	B_GutturuSaidu	3696.766	Tr200	80.97	47.77	49.71		49.81	0.012807	0.49	109.40	103.52	0.13
B_GutturuSaidu	B_GutturuSaidu	3696.766	Tr500	95.43	47.77	49.79		49.92	0.012644	0.50	118.14	105.13	0.13
B_GutturuSaidu	B_GutturuSaidu	3573.176	Tr50	59.25	45.46	47.79		47.83	0.018419	0.48	106.22	113.89	0.15
B_GutturuSaidu	B_GutturuSaidu	3573.176	Tr100	70.08	45.46	56.99		56.99	0.000001	0.01	1697.20	200.26	0.00
B_GutturuSaidu	B_GutturuSaidu	3573.176	Tr200	80.97	45.46	47.94		48.01	0.018699	0.52	123.43	118.52	0.15
B_GutturuSaidu	B_GutturuSaidu	3573.176	Tr500	95.43	45.46	48.03		48.11	0.018986	0.55	133.92	122.92	0.15
B_GutturuSaidu	B_GutturuSaidu	3393.289	Tr50	59.25	43.33	44.32	43.92	44.37	0.015693	0.27	121.53	291.51	0.12
B_GutturuSaidu	B_GutturuSaidu	3393.289	Tr100	70.08	43.33	56.99	43.98	56.99	0.000000	0.00	5591.87	476.78	0.00
B_GutturuSaidu	B_GutturuSaidu	3393.289	Tr200	80.97	43.33	44.39	44.00	44.46	0.015503	0.29	140.99	301.38	0.12
B_GutturuSaidu	B_GutturuSaidu	3393.289	Tr500	95.43	43.33	44.41	44.00	44.50	0.017252	0.32	148.58	304.53	0.13
B_GutturuSaidu	B_GutturuSaidu	3241.242	Tr50	59.25	40.95	41.65	41.57	41.75	0.008602	0.09	56.00	202.47	0.07
B_GutturuSaidu	B_GutturuSaidu	3241.242	Tr100	70.08	40.95	56.99	41.62	56.99	0.000000	0.00	14516.00	914.98	0.00
B_GutturuSaidu	B_GutturuSaidu	3241.242	Tr200	80.97	40.95	41.74	41.65	41.86	0.008574	0.10	74.25	237.66	0.07
B_GutturuSaidu	B_GutturuSaidu	3241.242	Tr500	95.43	40.95	44.11	41.70	44.11	0.000000	0.00	2734.27	914.98	0.00

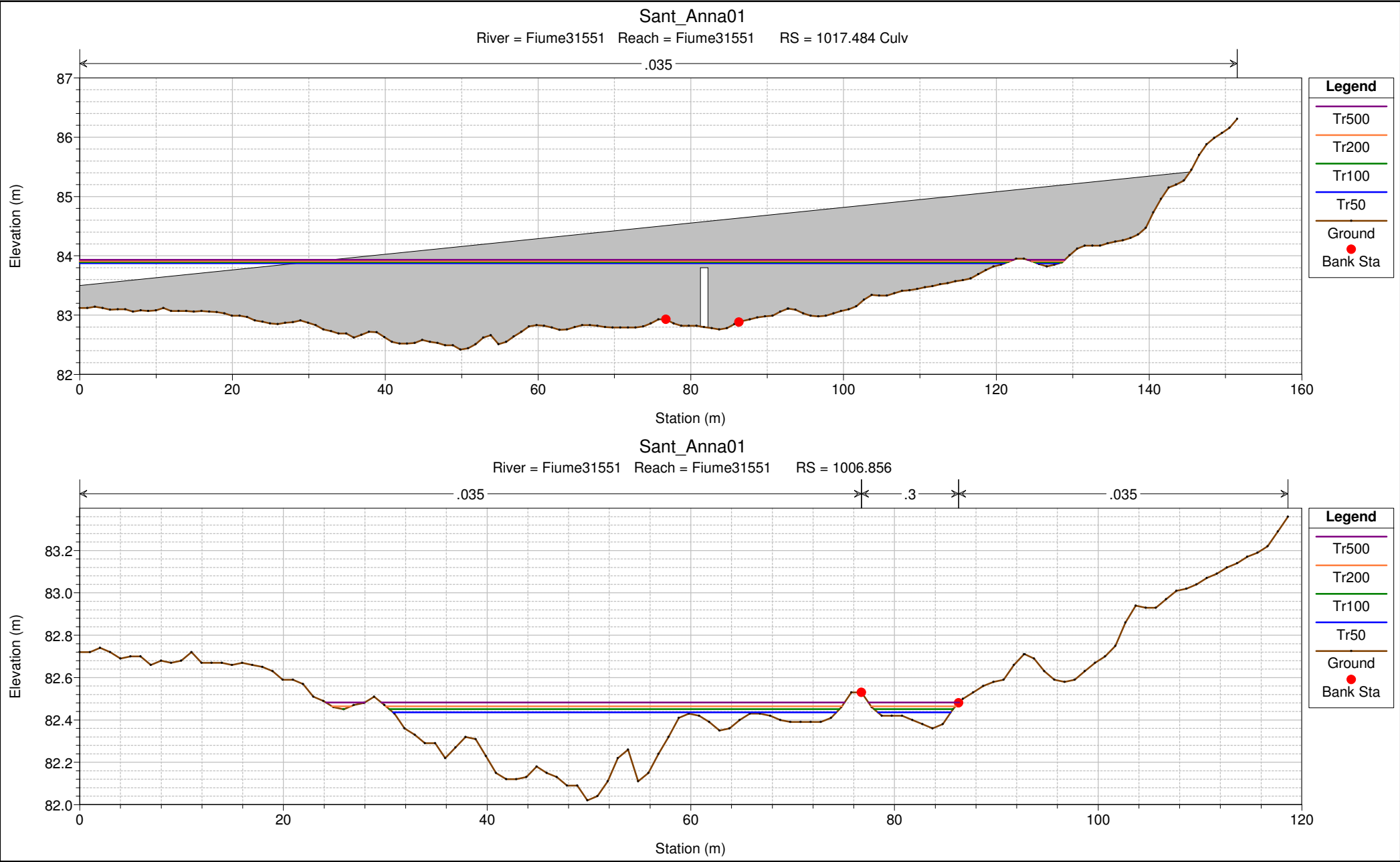
HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

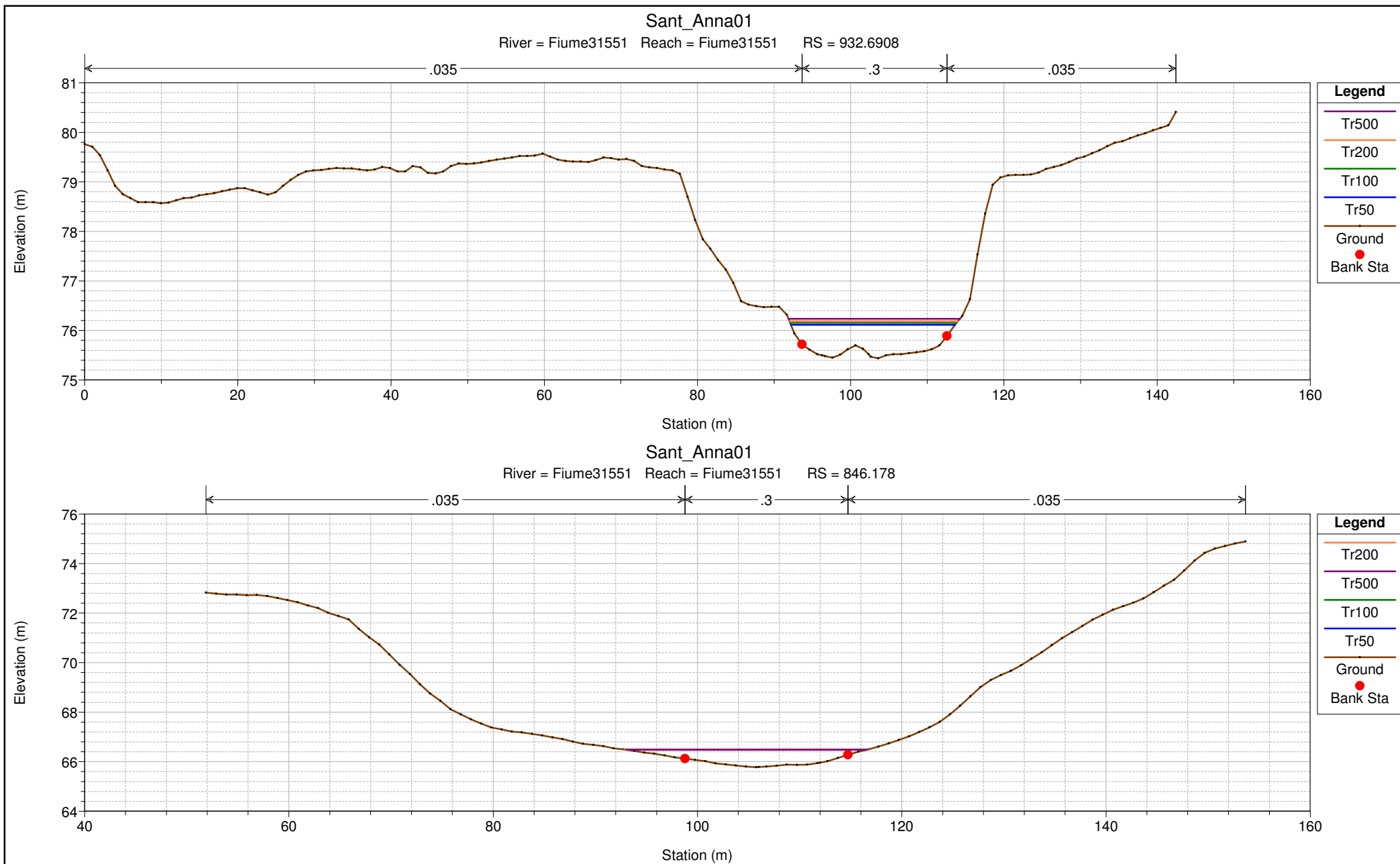
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
B_GutturuSaidu	B_GutturuSaidu	3096.782	Tr50	59.25	38.78	40.01	39.35	40.01	0.000000	0.00	2703.92	887.27	0.00
B_GutturuSaidu	B_GutturuSaidu	3096.782	Tr100	70.08	38.78	39.59	39.59	40.83	1.347769	2.67	22.11	46.85	1.12
B_GutturuSaidu	B_GutturuSaidu	3096.782	Tr200	80.97	38.78	40.03	39.59	40.03	0.000000	0.00	2722.78	899.53	0.00
B_GutturuSaidu	B_GutturuSaidu	3096.782	Tr500	95.43	38.78	44.11	39.59	44.11	0.000000	0.00	7495.42	1200.43	0.00
B_GutturuSaidu	B_GutturuSaidu	2874.369	Tr50	59.25	35.05	36.65	36.65	37.04	0.966408	2.79	21.26	26.73	1.00
B_GutturuSaidu	B_GutturuSaidu	2874.369	Tr100	70.08	35.05	36.81	36.81	37.17	0.990377	2.68	26.14	35.58	1.00
B_GutturuSaidu	B_GutturuSaidu	2874.369	Tr200	80.97	35.05	37.36	36.85	37.36	0.000000	0.00	4747.20	1163.07	0.00
B_GutturuSaidu	B_GutturuSaidu	2874.369	Tr500	95.43	35.05	44.11	36.85	44.11	0.000000	0.00	14674.82	1492.30	0.00
B_GutturuSaidu	B_GutturuSaidu	2659.321	Tr50	59.25	32.10	33.89	33.91	34.15	1.575906	2.28	26.02	64.23	1.14
B_GutturuSaidu	B_GutturuSaidu	2659.321	Tr100	70.08	32.10	33.91	33.91	33.91	0.000000	0.00	6604.27	1258.04	0.00
B_GutturuSaidu	B_GutturuSaidu	2659.321	Tr200	80.97	32.10	37.36	33.91	37.36	0.000000	0.00	12087.10	1727.80	0.00
B_GutturuSaidu	B_GutturuSaidu	2659.321	Tr500	95.43	32.10	44.11	33.91	44.11	0.000000	0.00	23748.87	1727.80	0.00
B_GutturuSaidu	B_GutturuSaidu	2434.599	Tr50	59.25	28.10	30.73	30.73	30.73	0.000000	0.00	8657.43	1427.17	0.00
B_GutturuSaidu	B_GutturuSaidu	2434.599	Tr100	70.08	28.10	33.01	30.73	33.01	0.000000	0.00	12510.00	1908.65	0.00
B_GutturuSaidu	B_GutturuSaidu	2434.599	Tr200	80.97	28.10	37.36	30.73	37.36	0.000000	0.00	21071.83	1975.50	0.00
B_GutturuSaidu	B_GutturuSaidu	2434.599	Tr500	95.43	28.10	44.11	30.73	44.11	0.000000	0.00	34405.45	1975.50	0.00
B_GutturuSaidu	B_GutturuSaidu	2088.486	Tr50	59.25	23.76	25.41	25.41	25.60	1.231967	1.92	30.83	82.03	1.00
B_GutturuSaidu	B_GutturuSaidu	2088.486	Tr100	70.08	23.76	33.01	25.46	33.01	0.000000	0.00	24006.58	2174.77	0.00
B_GutturuSaidu	B_GutturuSaidu	2088.486	Tr200	80.97	23.76	37.36	25.51	37.36	0.000000	0.00	33472.59	2174.77	0.00
B_GutturuSaidu	B_GutturuSaidu	2088.486	Tr500	95.43	23.76	44.11	25.56	44.11	0.000000	0.00	48151.19	2174.77	0.00
B_GutturuSaidu	B_GutturuSaidu	1758.797	Tr50	59.25	19.43	22.29	20.48	22.29	0.000000	0.00	11252.50	1993.95	0.00
B_GutturuSaidu	B_GutturuSaidu	1758.797	Tr100	70.08	19.43	33.01	20.48	33.01	0.000000	0.00	35334.75	2282.29	0.00
B_GutturuSaidu	B_GutturuSaidu	1758.797	Tr200	80.97	19.43	37.36	20.48	37.36	0.000000	0.00	45268.75	2282.29	0.00
B_GutturuSaidu	B_GutturuSaidu	1758.797	Tr500	95.43	19.43	44.11	20.48	44.11	0.000000	0.00	60673.05	2282.29	0.00
B_GutturuSaidu	B_GutturuSaidu	1321.58	Tr50	59.25	13.15	15.70	14.47	15.70	0.000000	0.00	7949.62	1957.91	0.00
B_GutturuSaidu	B_GutturuSaidu	1321.58	Tr100	70.08	13.15	16.19	14.94	16.19	0.000000	0.00	8926.11	2012.36	0.00
B_GutturuSaidu	B_GutturuSaidu	1321.58	Tr200	80.97	13.15	16.76	14.94	16.76	0.000000	0.00	10104.63	2074.42	0.00
B_GutturuSaidu	B_GutturuSaidu	1321.58	Tr500	95.43	13.15	17.66	14.94	17.66	0.000000	0.00	12060.11	2345.35	0.00
B_GutturuSaidu	B_GutturuSaidu	1051.005	Tr50	59.25	9.74	11.44	11.33	11.59	0.016921	0.46	54.61	92.33	0.14

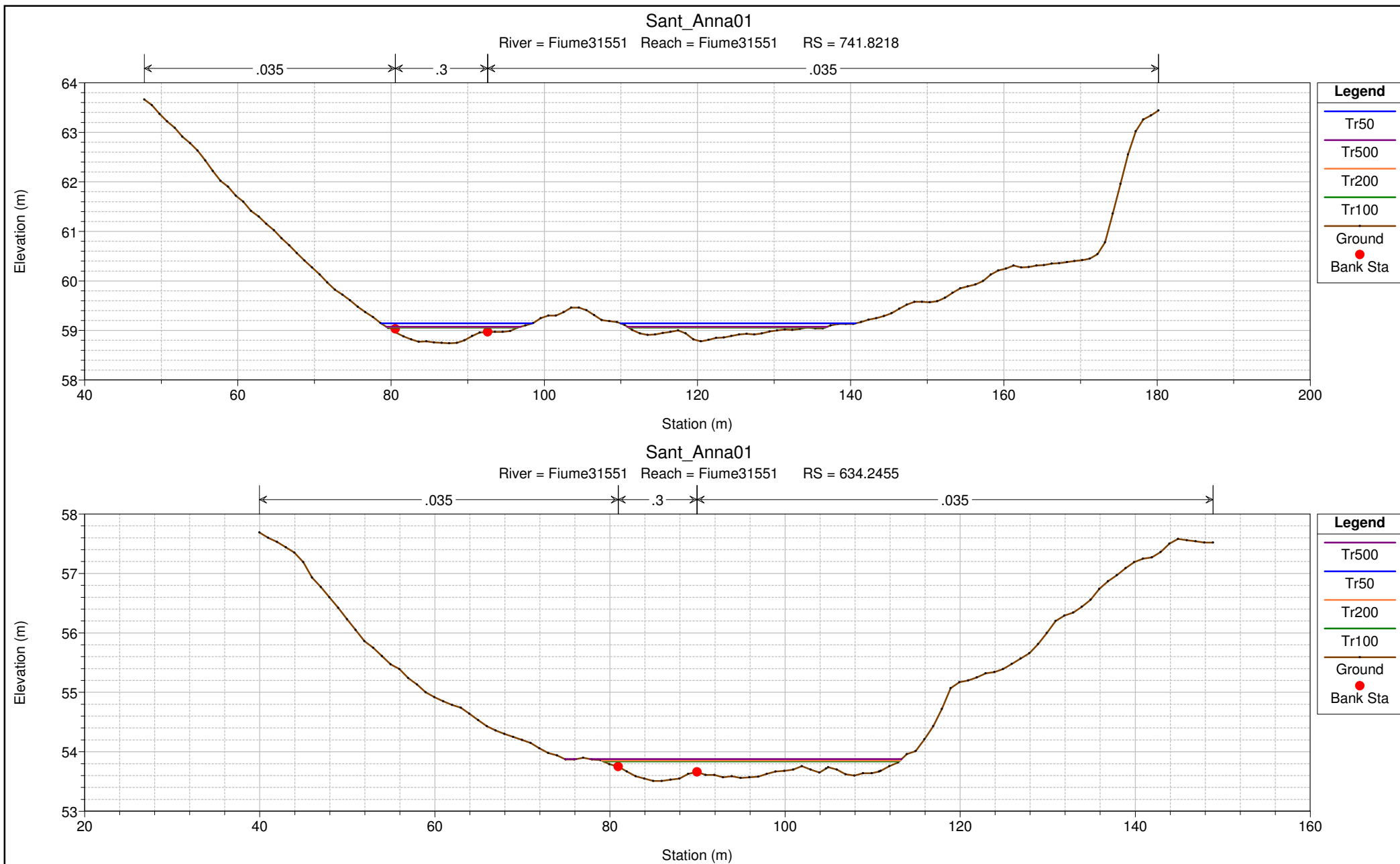
HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

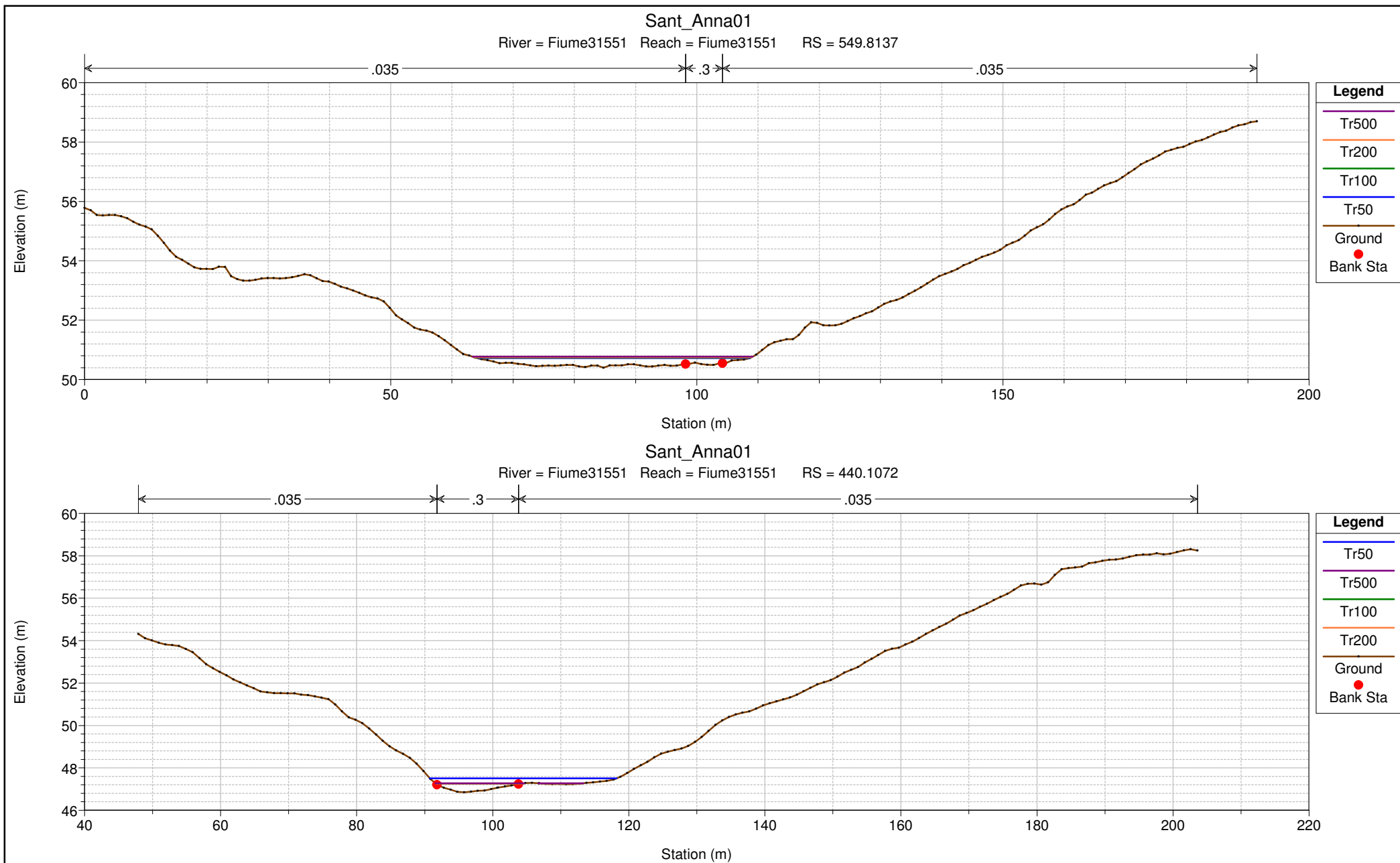
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
B_GutturuSaidu	B_GutturuSaidu	1051.005	Tr100	70.08	9.74	11.37	11.37	11.63	0.037447	0.67	48.39	86.22	0.21
B_GutturuSaidu	B_GutturuSaidu	1051.005	Tr200	80.97	9.74	12.28	11.42	12.28	0.000000	0.00	8444.65	2111.43	0.00
B_GutturuSaidu	B_GutturuSaidu	1051.005	Tr500	95.43	9.74	13.47	10.72	13.47	0.000000	0.00	11040.43	2290.10	0.00
B_GutturuSaidu	B_GutturuSaidu	727.0441	Tr50	59.25	6.56	4.75	3.66	4.86	0.001163		41.12	21.54	0.00
B_GutturuSaidu	B_GutturuSaidu	727.0441	Tr100	70.08	6.56	4.88	3.78	5.01	0.001330		43.98	21.84	0.00
B_GutturuSaidu	B_GutturuSaidu	727.0441	Tr200	80.97	6.56	5.03	3.90	5.18	0.001427		47.34	22.18	0.00
B_GutturuSaidu	B_GutturuSaidu	727.0441	Tr500	95.43	6.56	5.17	4.04	5.36	0.001644		50.42	22.50	0.00
B_GutturuSaidu	B_GutturuSaidu	512.6195	Tr50	59.25	4.05	3.65	3.34	3.68	0.001552		79.42	147.11	0.00
B_GutturuSaidu	B_GutturuSaidu	512.6195	Tr100	70.08	4.05	3.70	3.38	3.73	0.001633		87.02	149.33	0.00
B_GutturuSaidu	B_GutturuSaidu	512.6195	Tr200	80.97	4.05	3.75	3.41	3.79	0.001711		94.18	151.76	0.00
B_GutturuSaidu	B_GutturuSaidu	512.6195	Tr500	95.43	4.05	3.81	3.45	3.85	0.001802		103.15	154.74	0.00
B_GutturuSaidu	B_GutturuSaidu	251.7645	Tr50	59.25	1.64	1.58	1.44	1.63	0.005651		57.29	171.36	0.00
B_GutturuSaidu	B_GutturuSaidu	251.7645	Tr100	70.08	1.64	1.62	1.48	1.68	0.005355		64.68	173.32	0.00
B_GutturuSaidu	B_GutturuSaidu	251.7645	Tr200	80.97	1.64	1.66	1.52	1.72	0.005338	0.01	70.87	175.06	0.03
B_GutturuSaidu	B_GutturuSaidu	251.7645	Tr500	95.43	1.64	1.70	1.56	1.77	0.005349	0.02	78.53	177.37	0.04
B_GutturuSaidu	B_GutturuSaidu	143.9113	Tr50	59.25	0.73	0.80	0.55	0.84	0.002637	0.02	69.93	171.20	0.03
B_GutturuSaidu	B_GutturuSaidu	143.9113	Tr100	70.08	0.73	0.80	0.58	0.85	0.003688	0.02	69.93	171.20	0.03
B_GutturuSaidu	B_GutturuSaidu	143.9113	Tr200	80.97	0.73	0.80	0.62	0.87	0.004924	0.02	69.93	171.20	0.04
B_GutturuSaidu	B_GutturuSaidu	143.9113	Tr500	95.43	0.73	0.80	0.68	0.90	0.006840	0.03	69.93	171.20	0.05

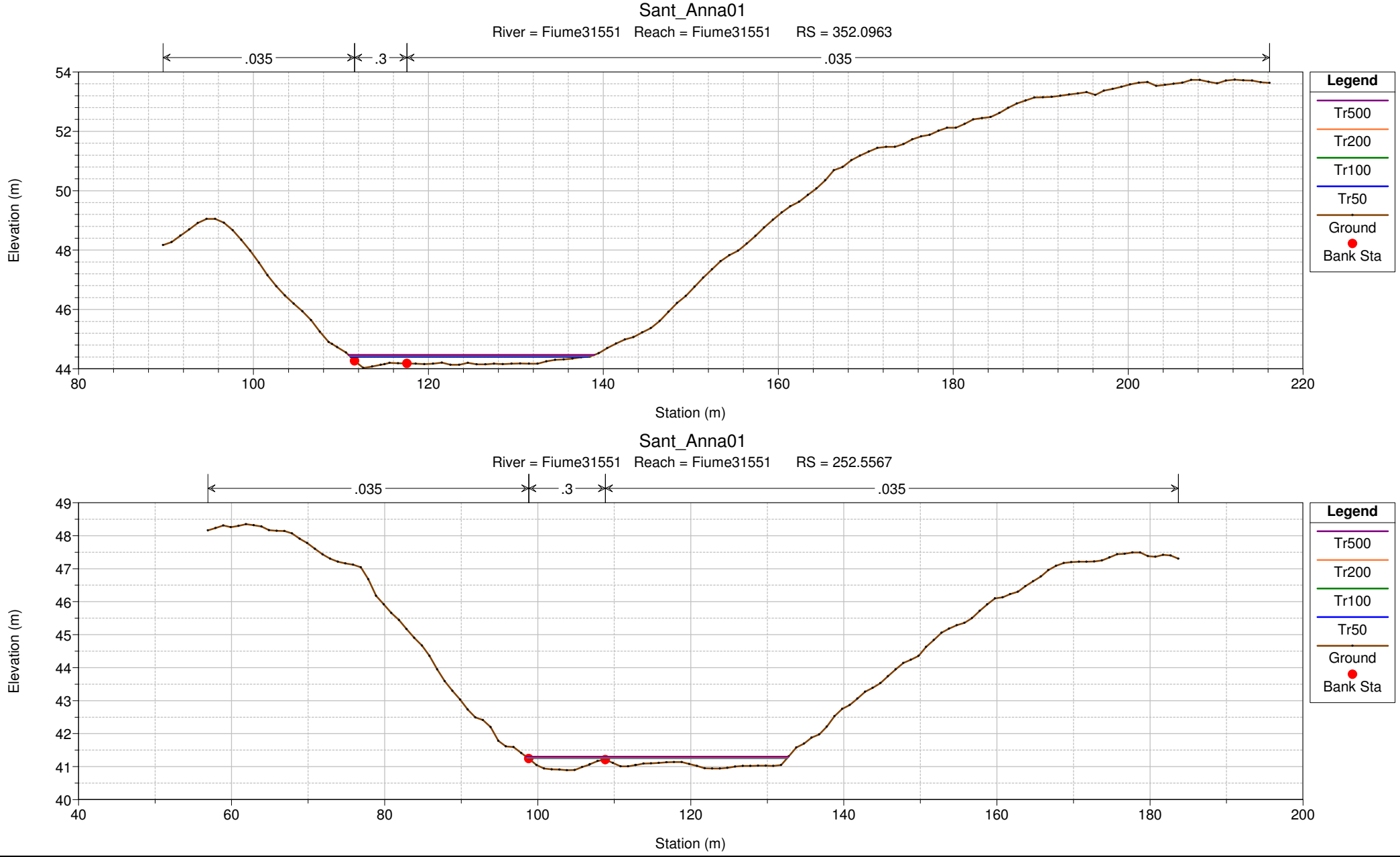


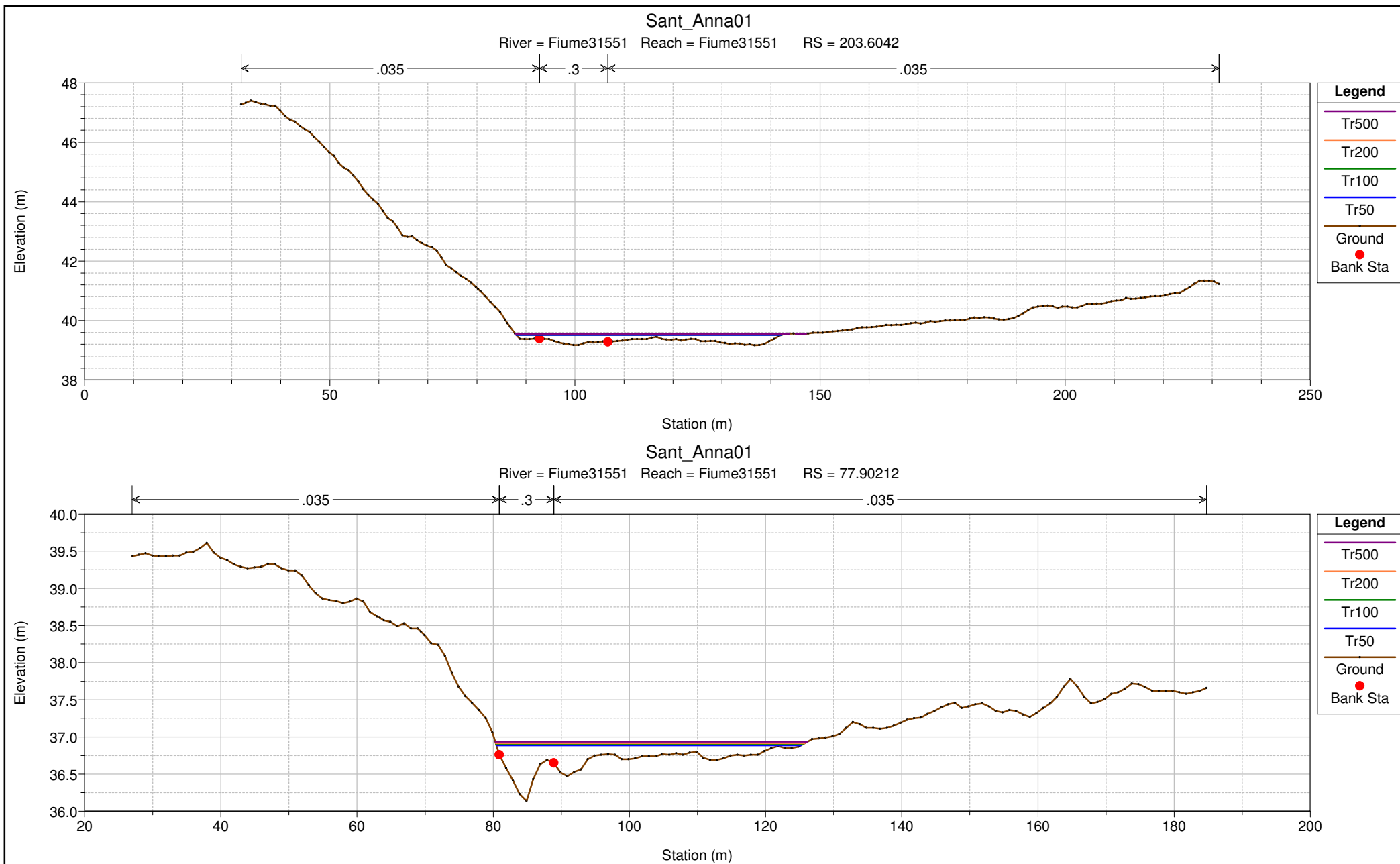


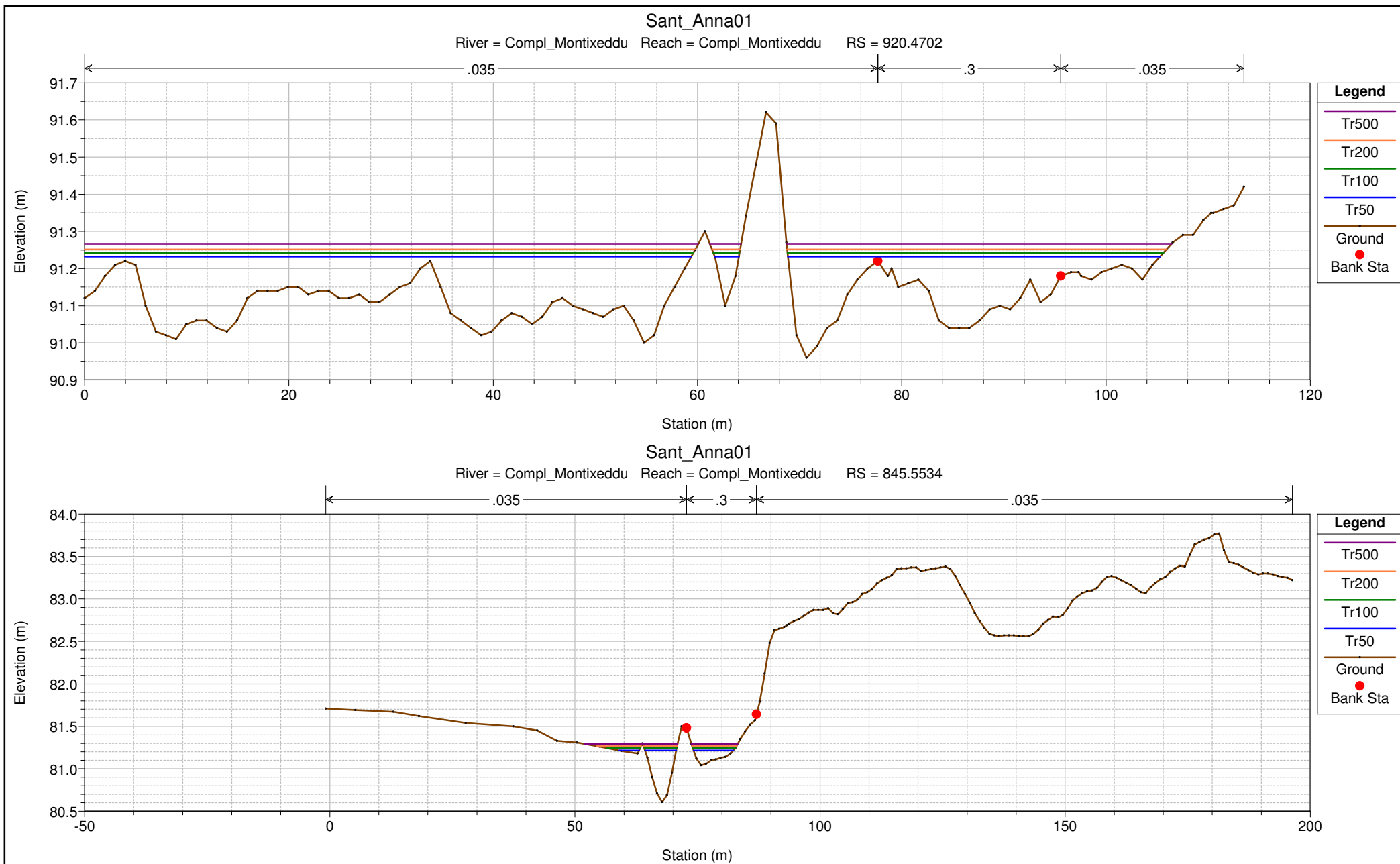


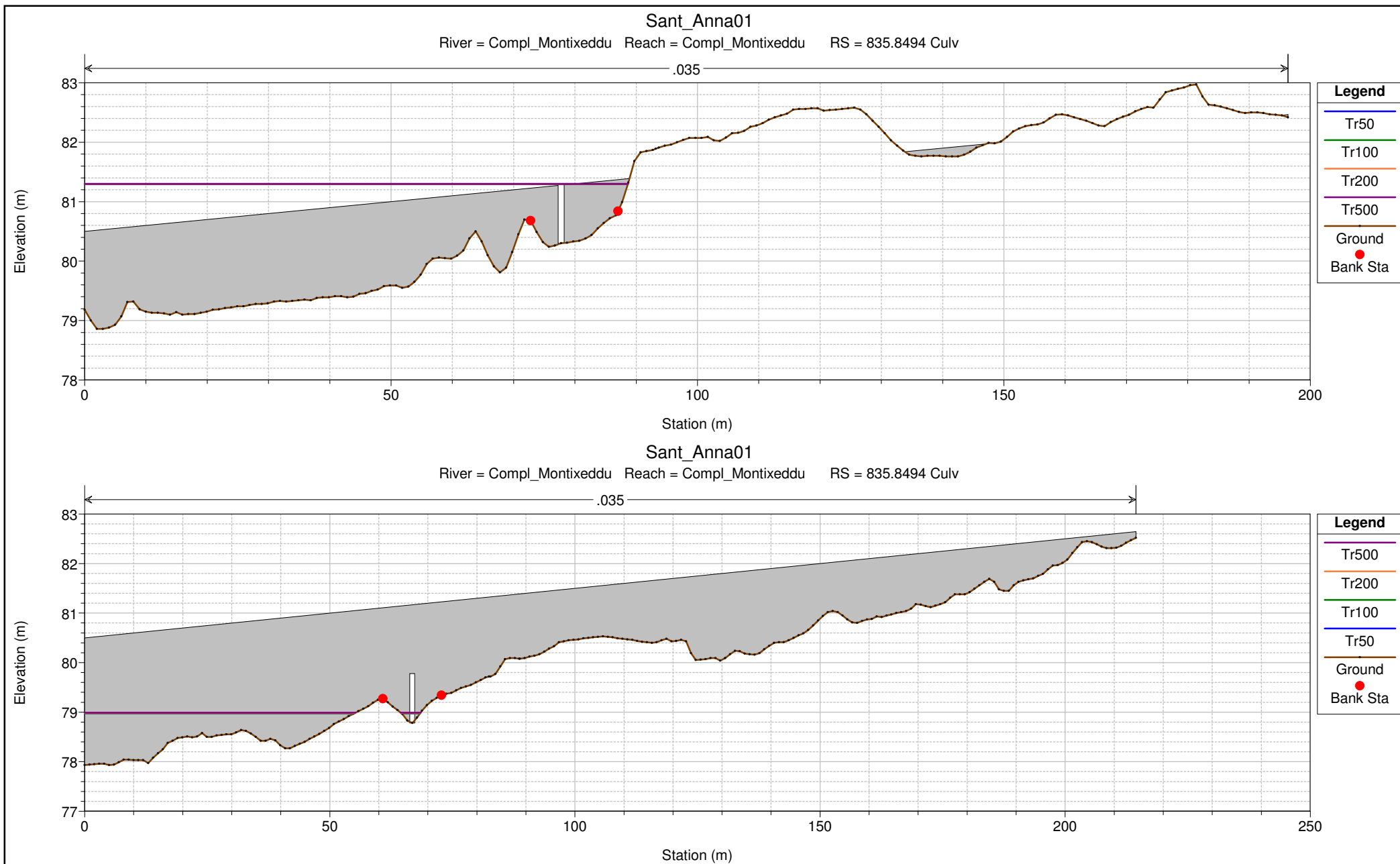


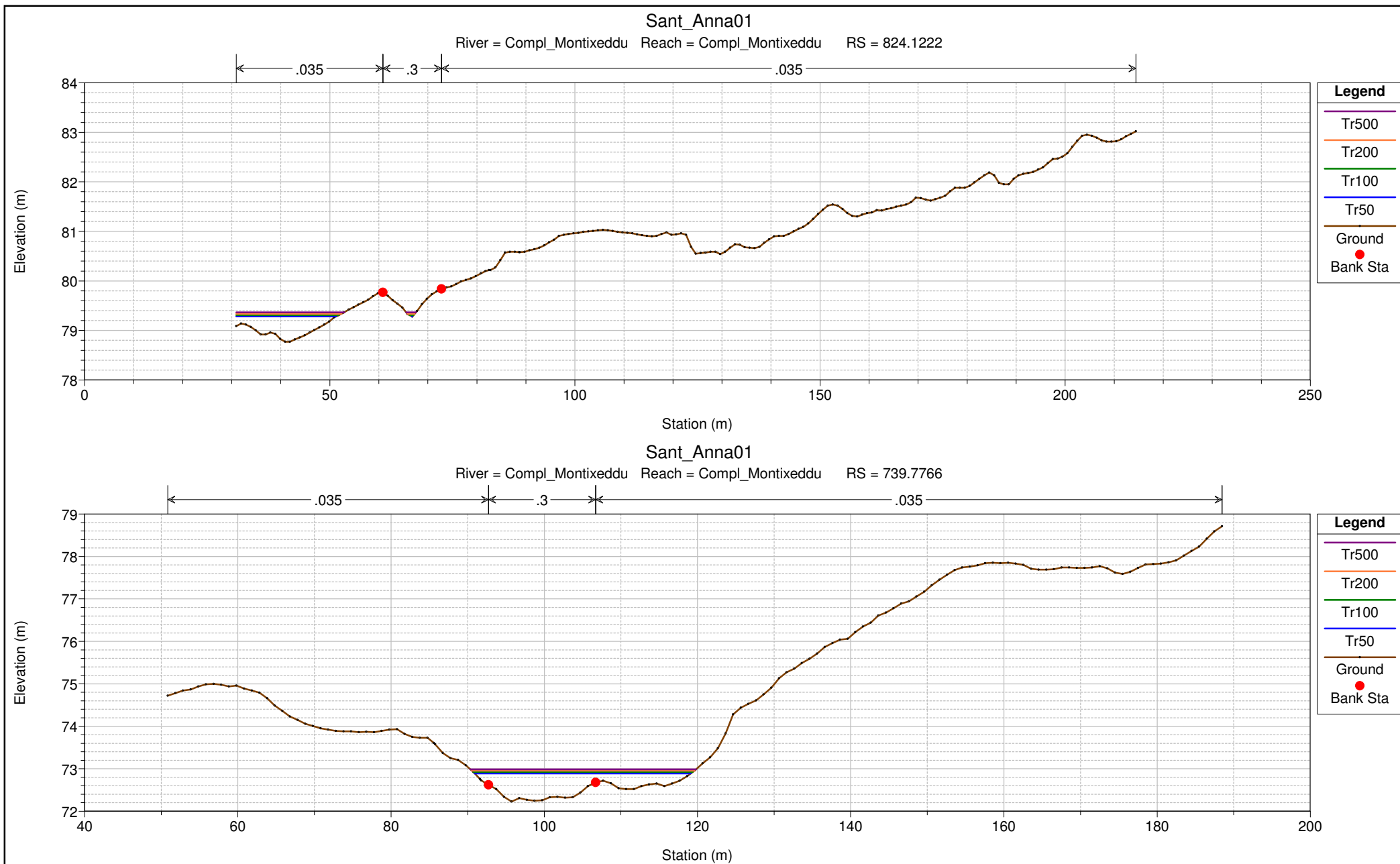


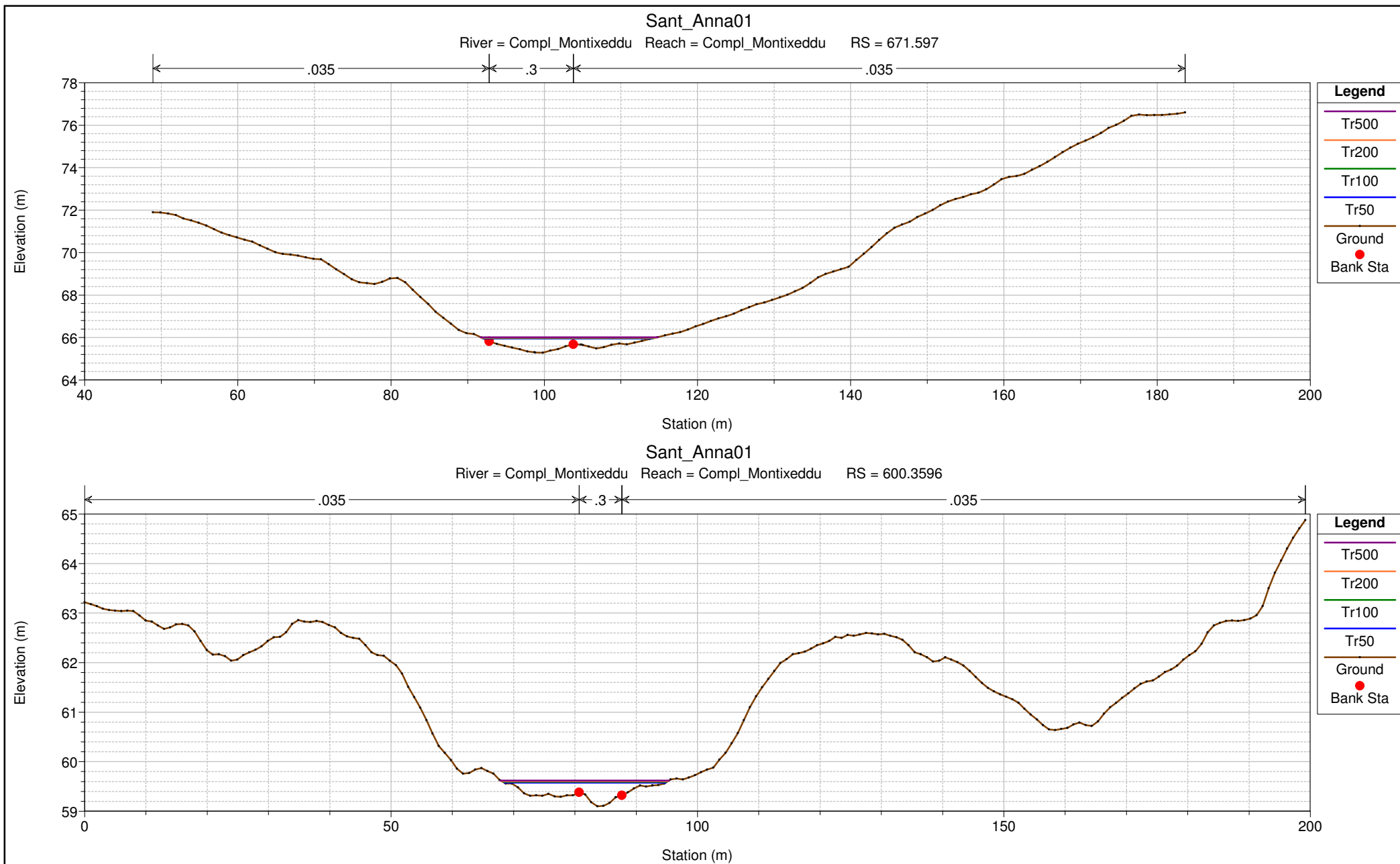


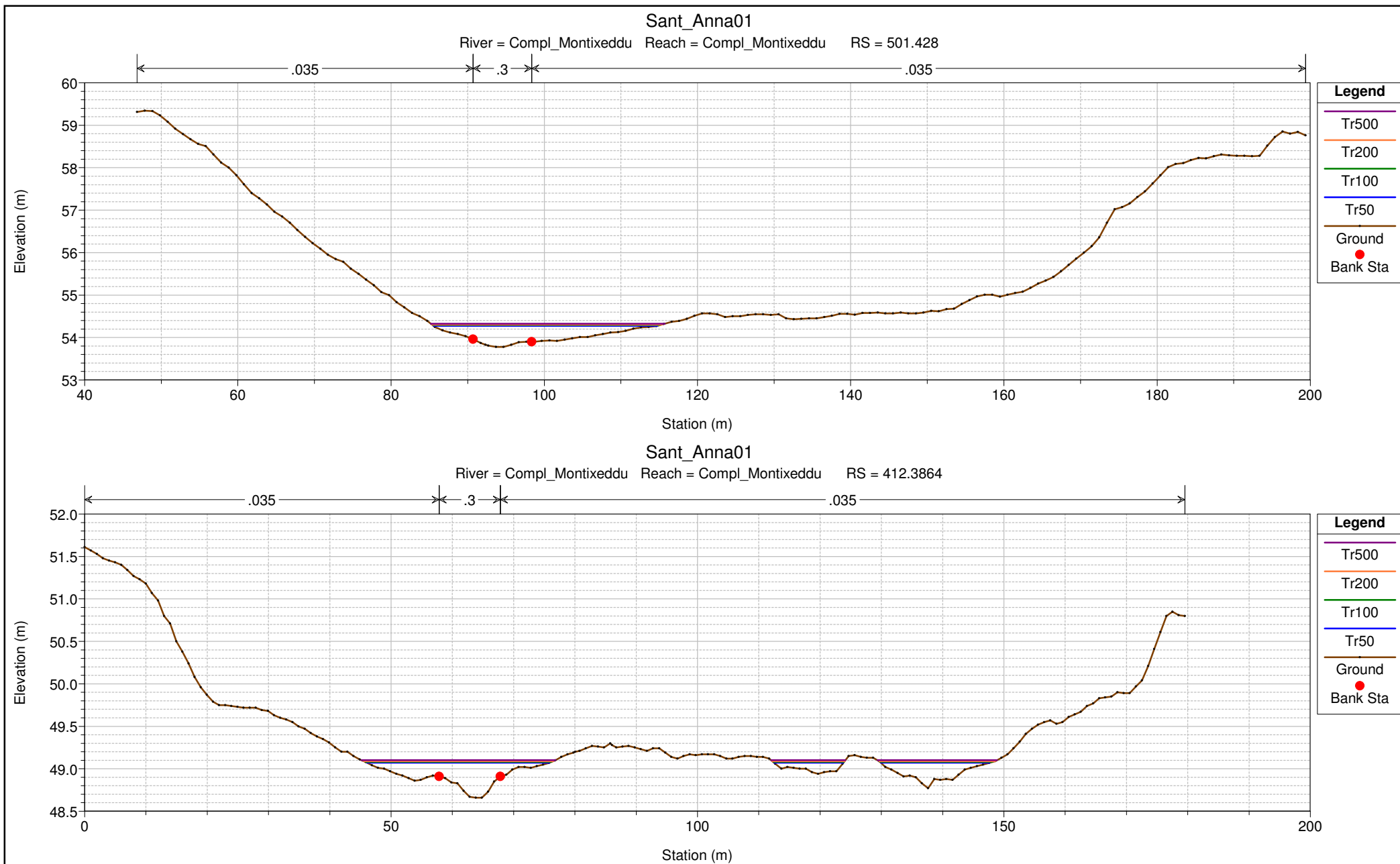


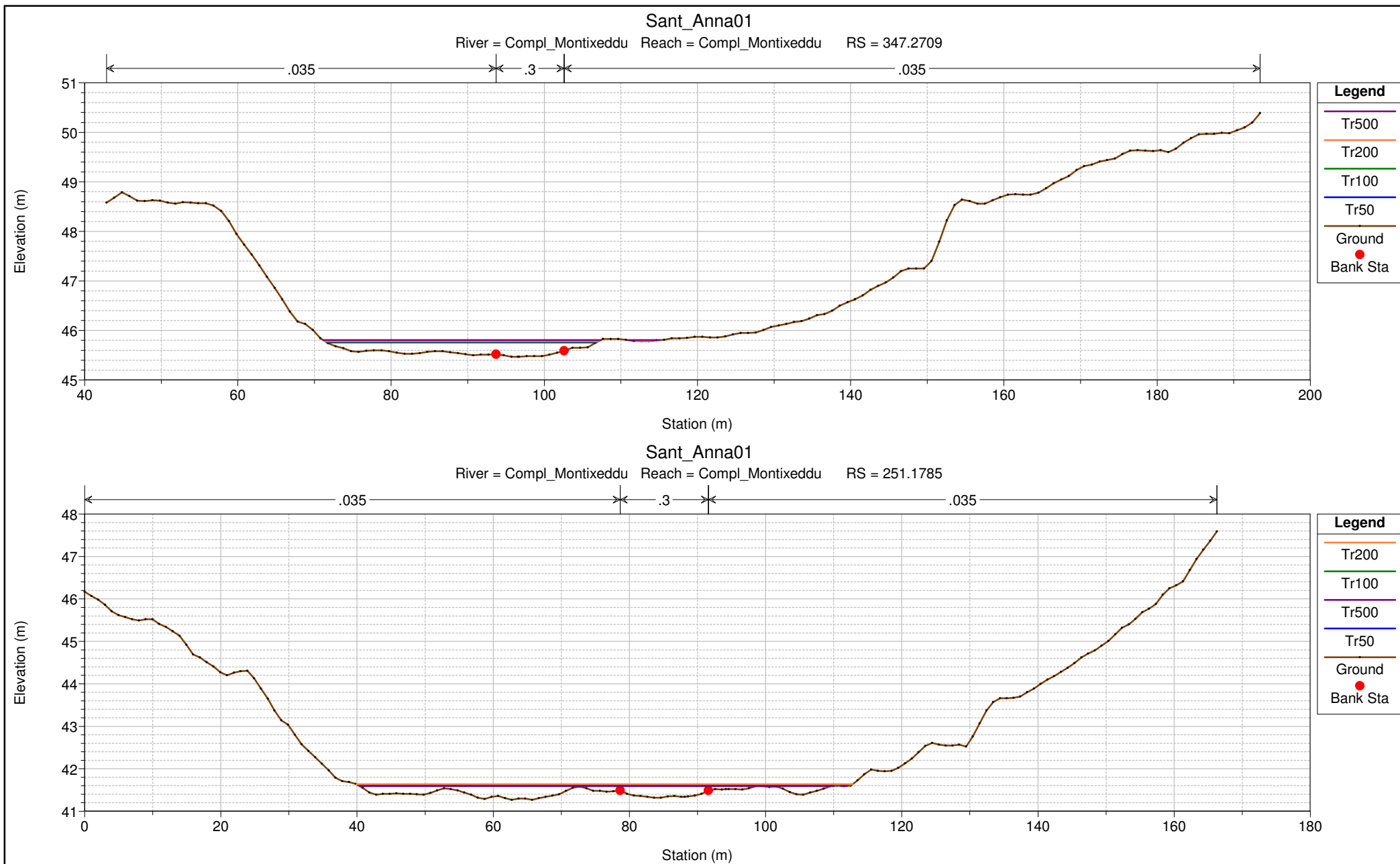


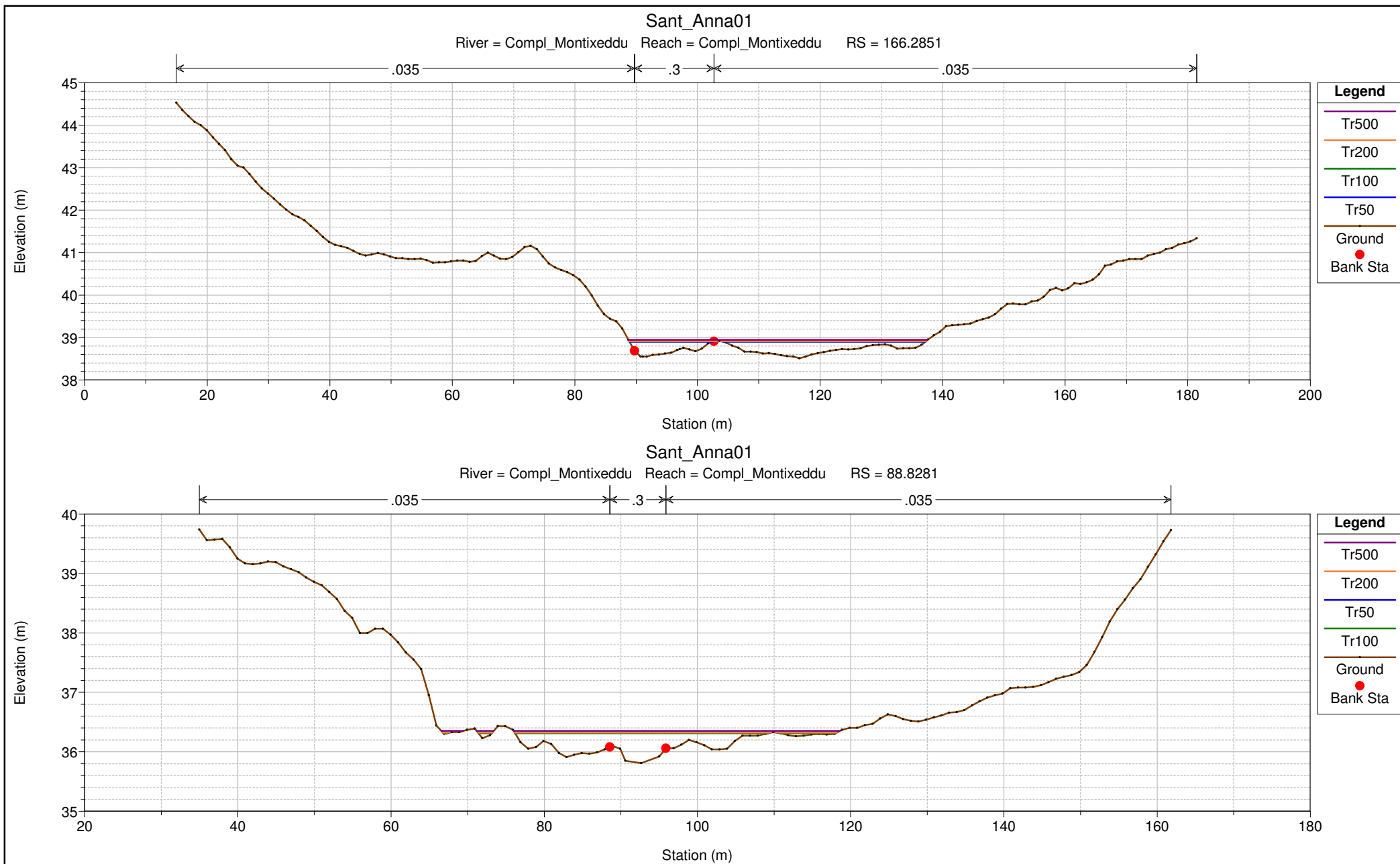


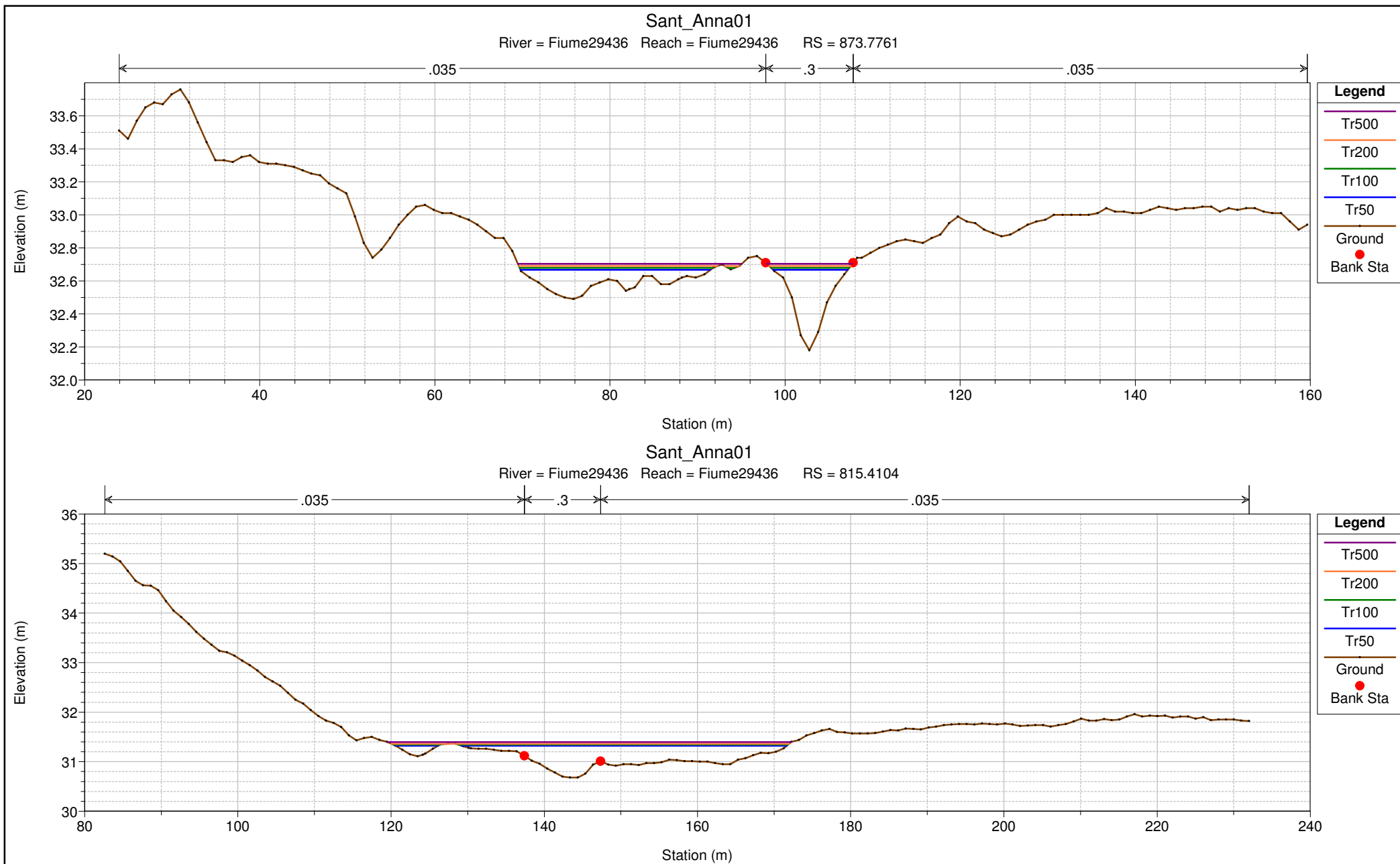


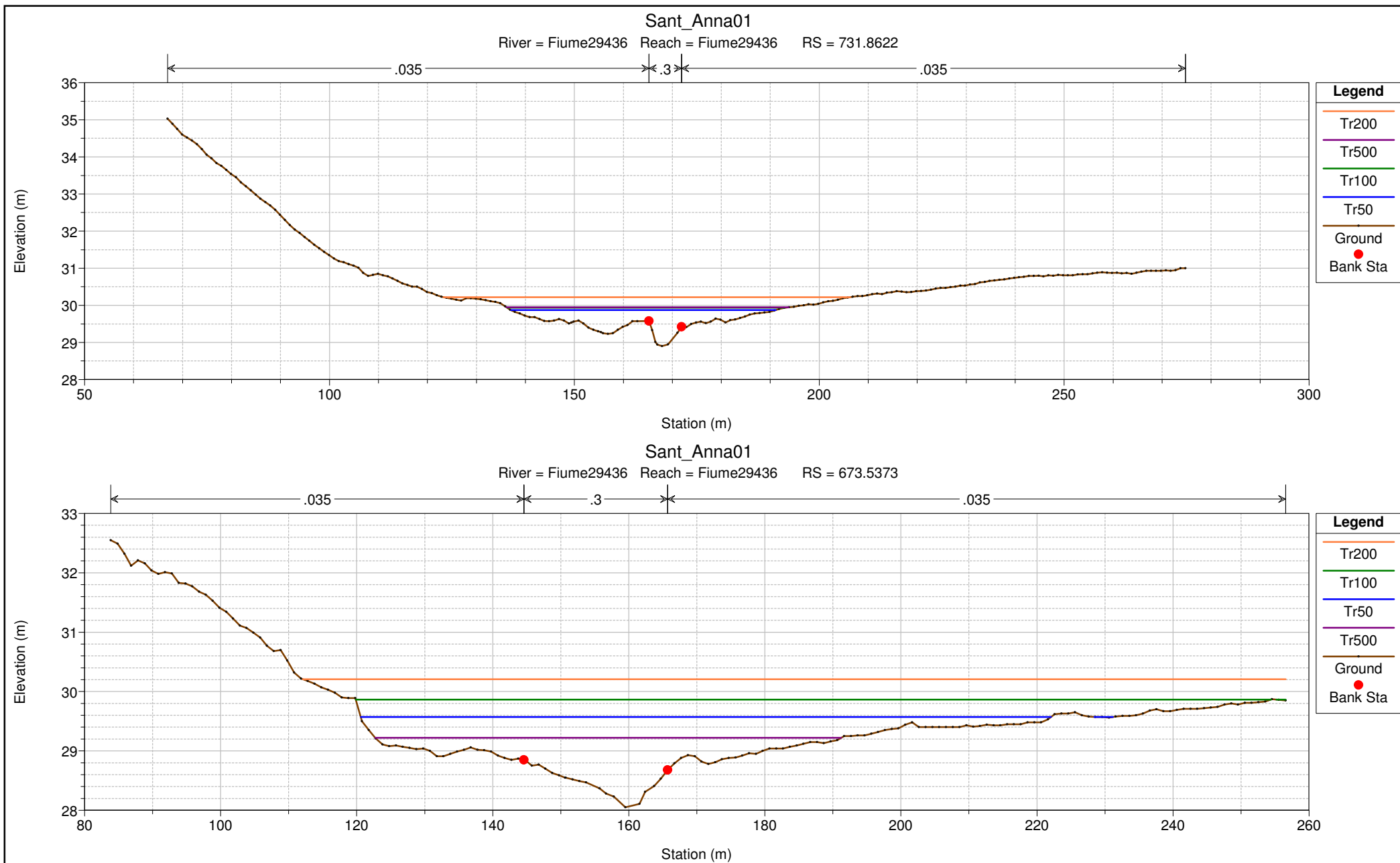


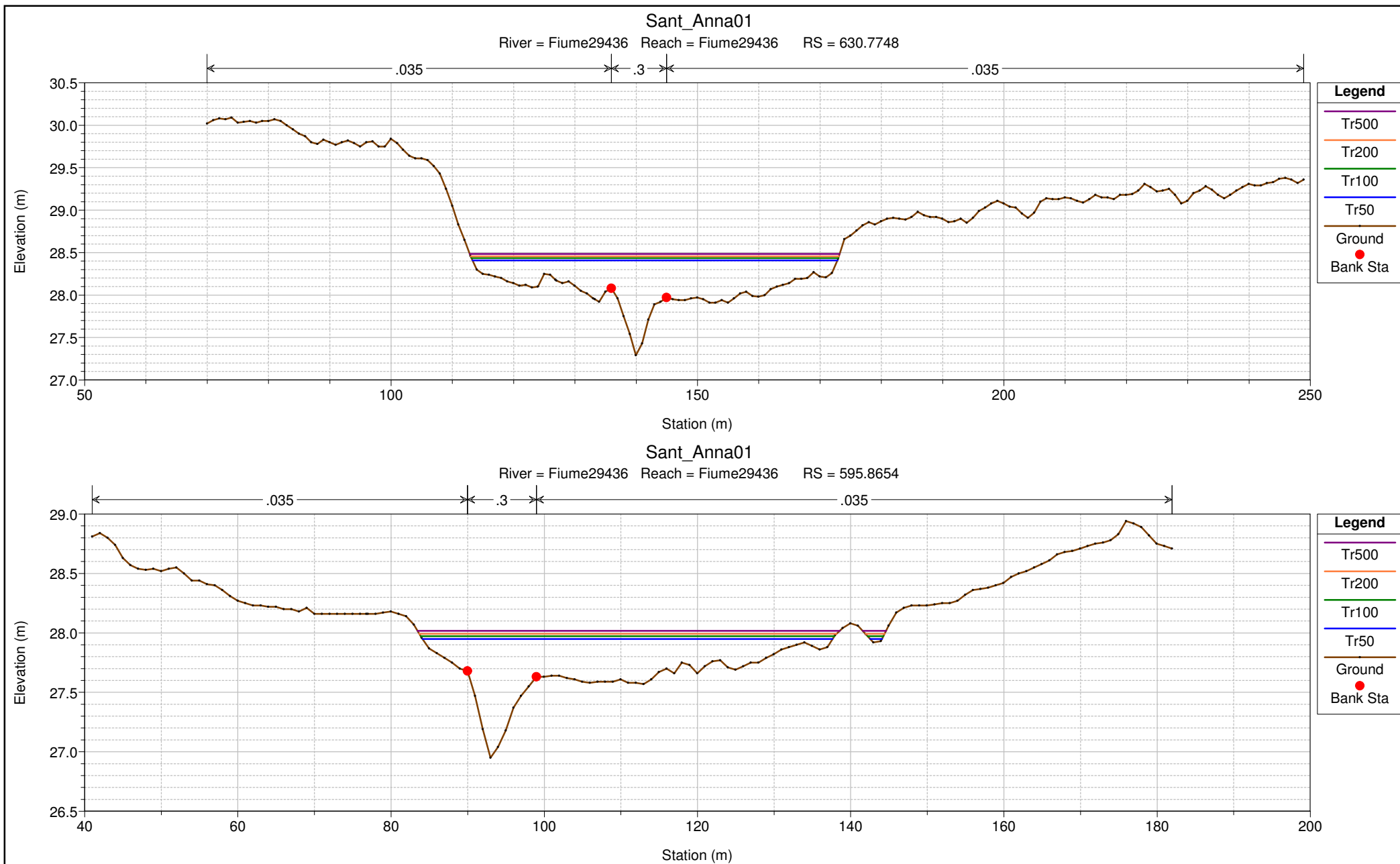


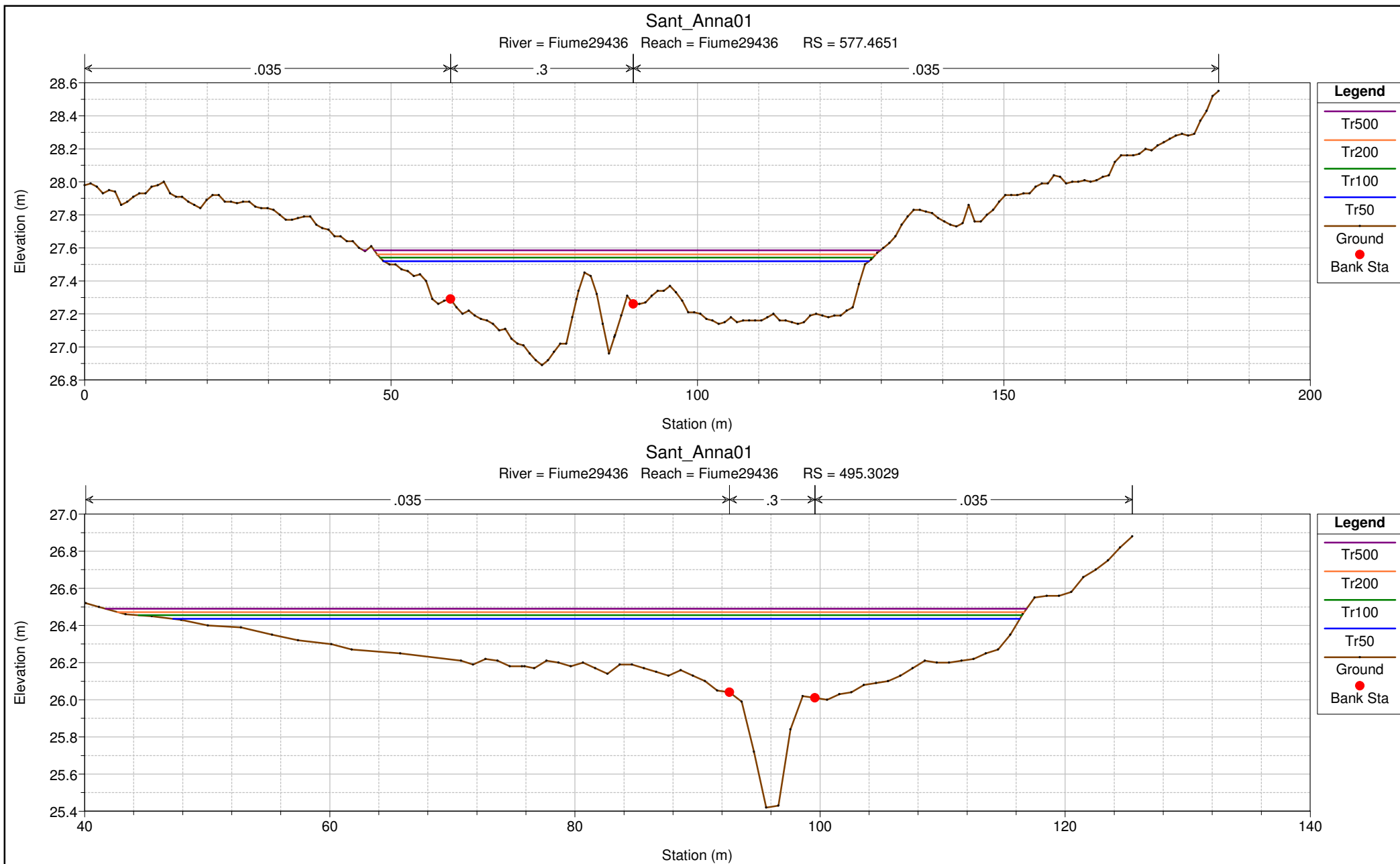


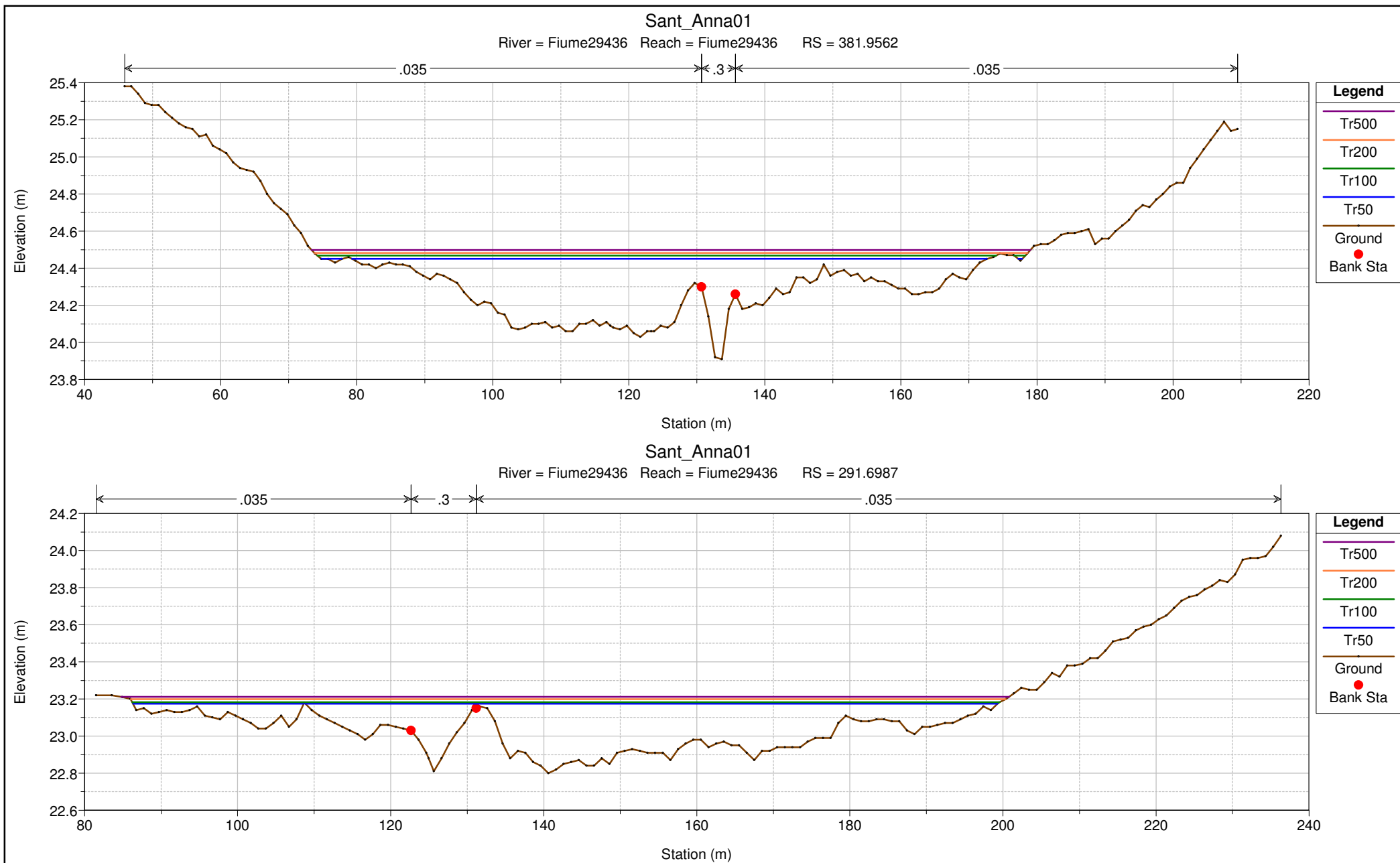


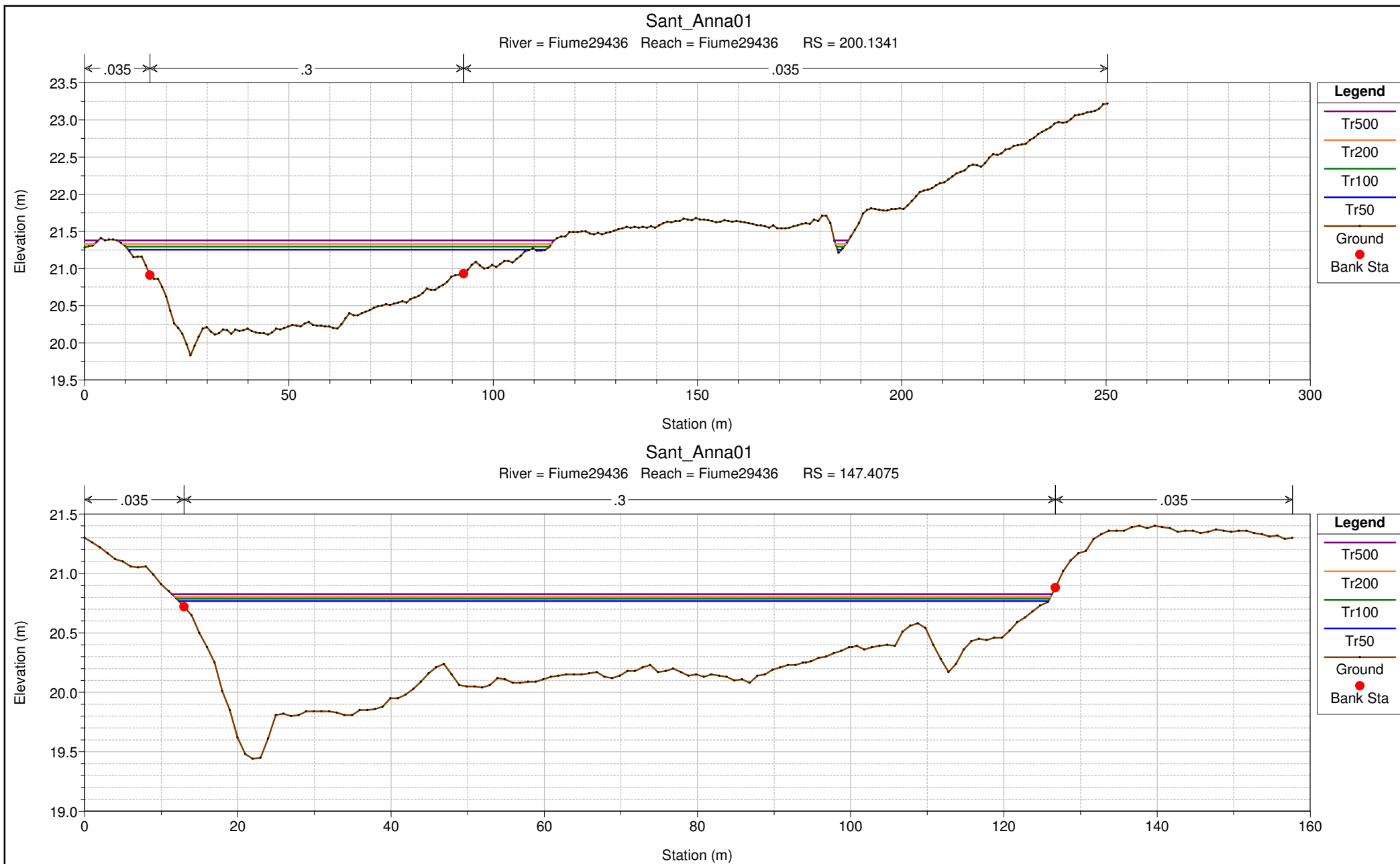


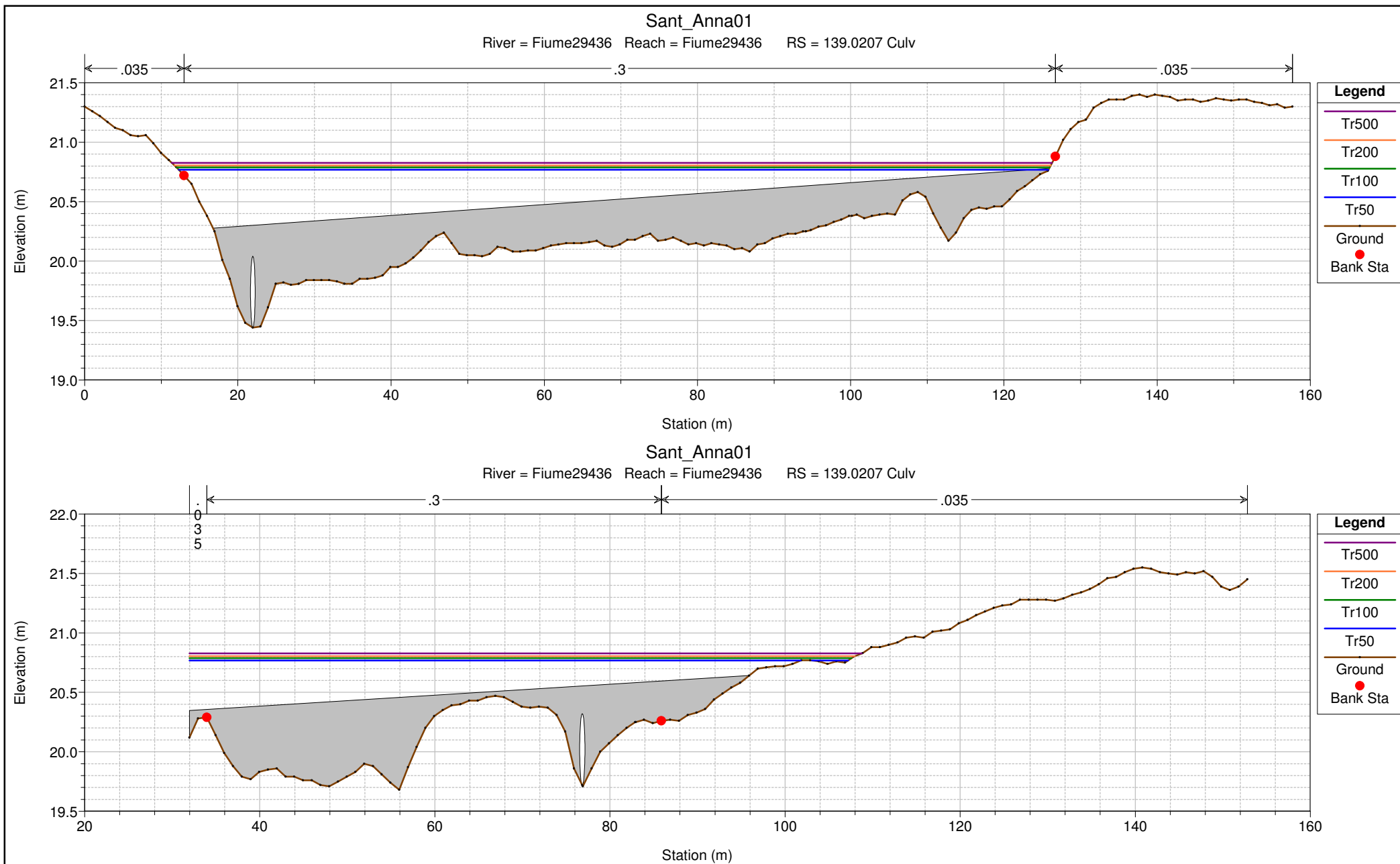


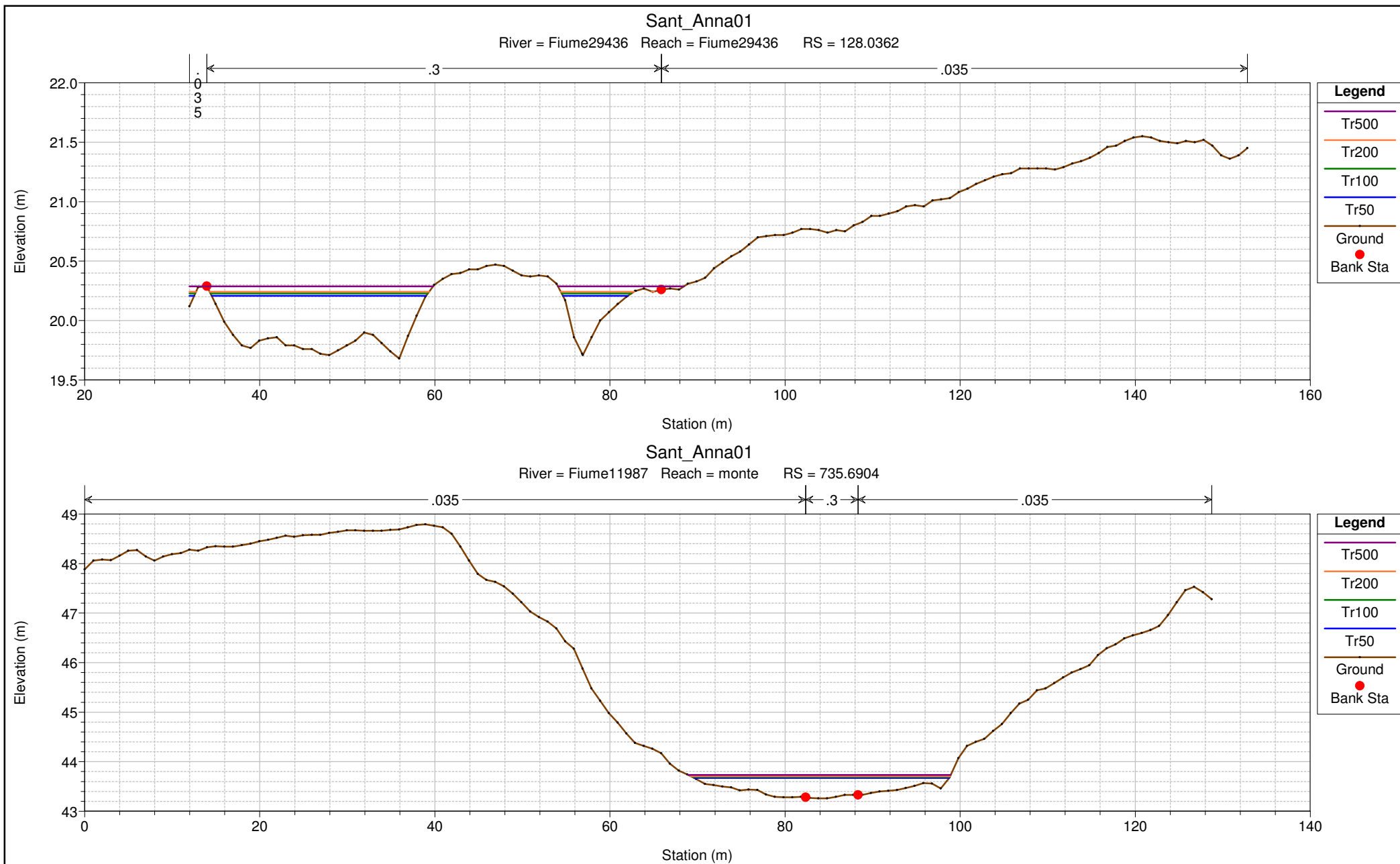


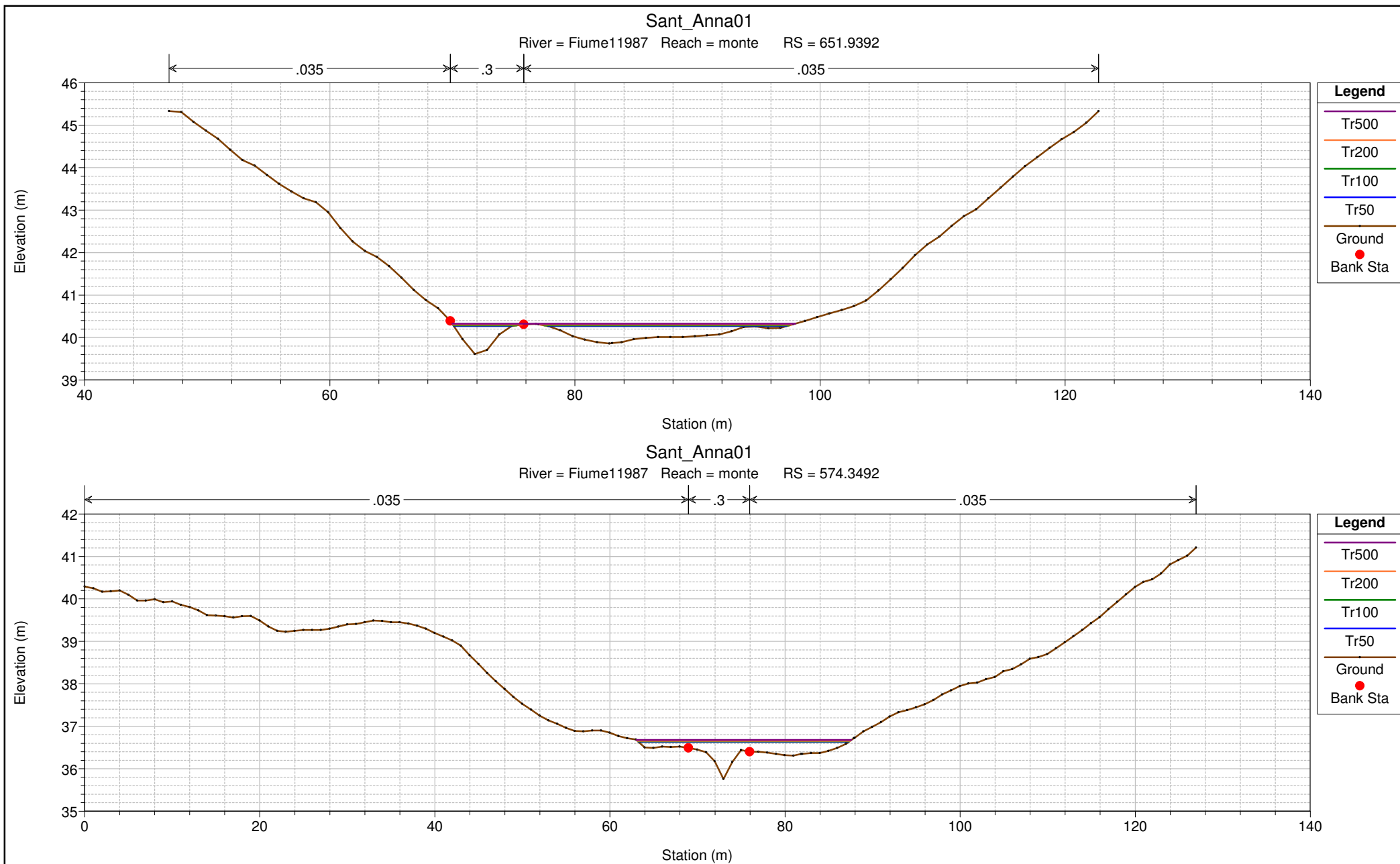


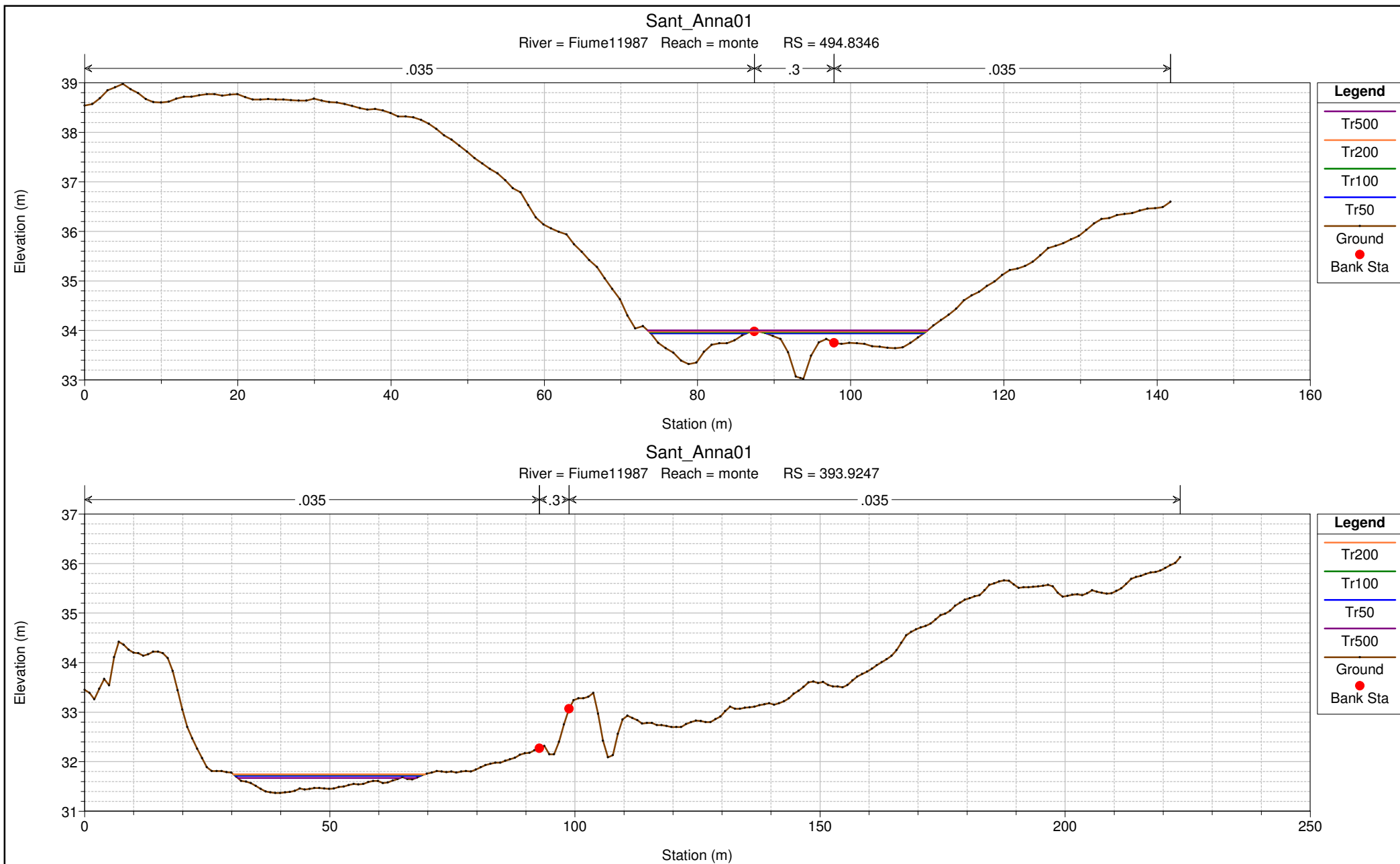


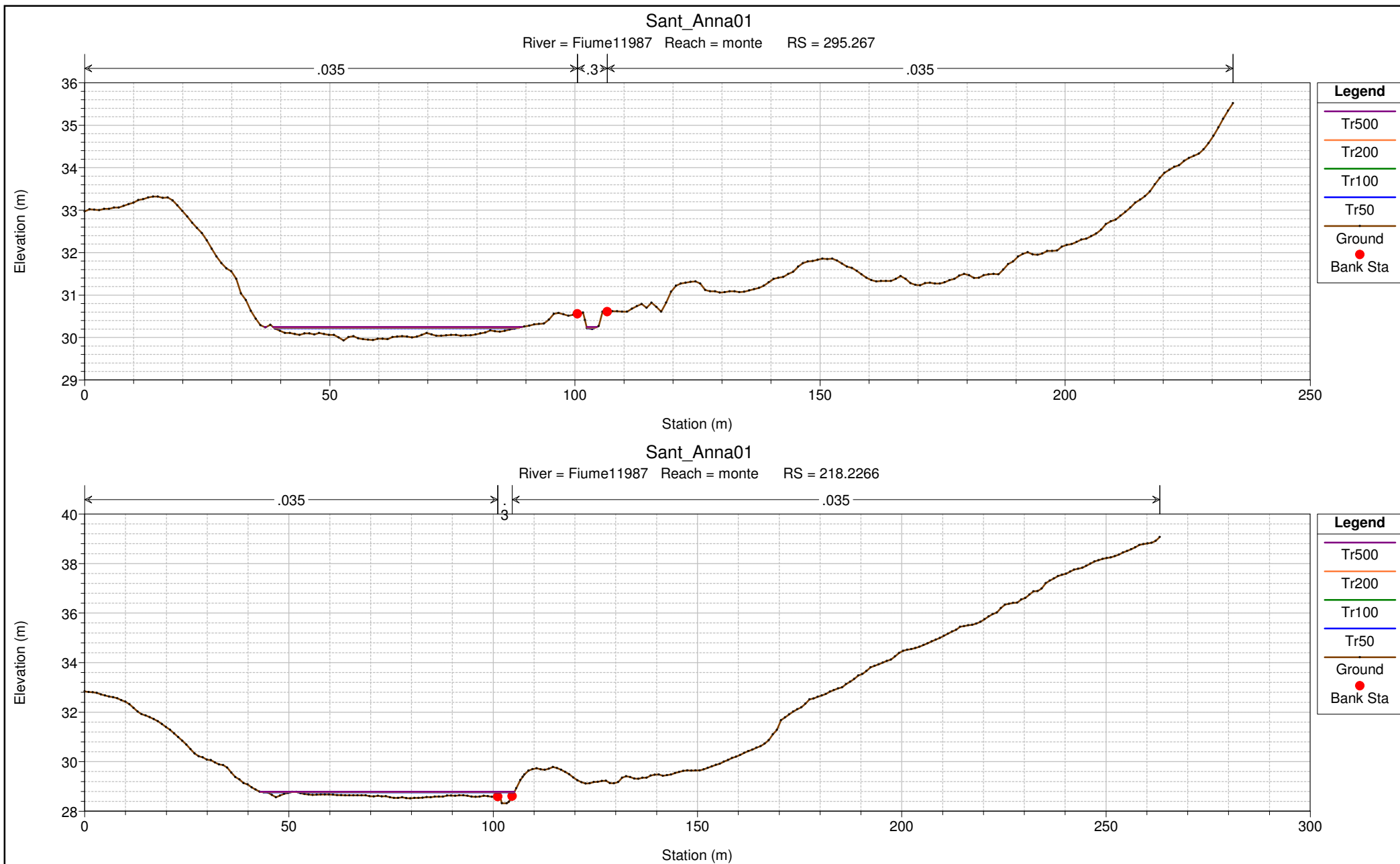


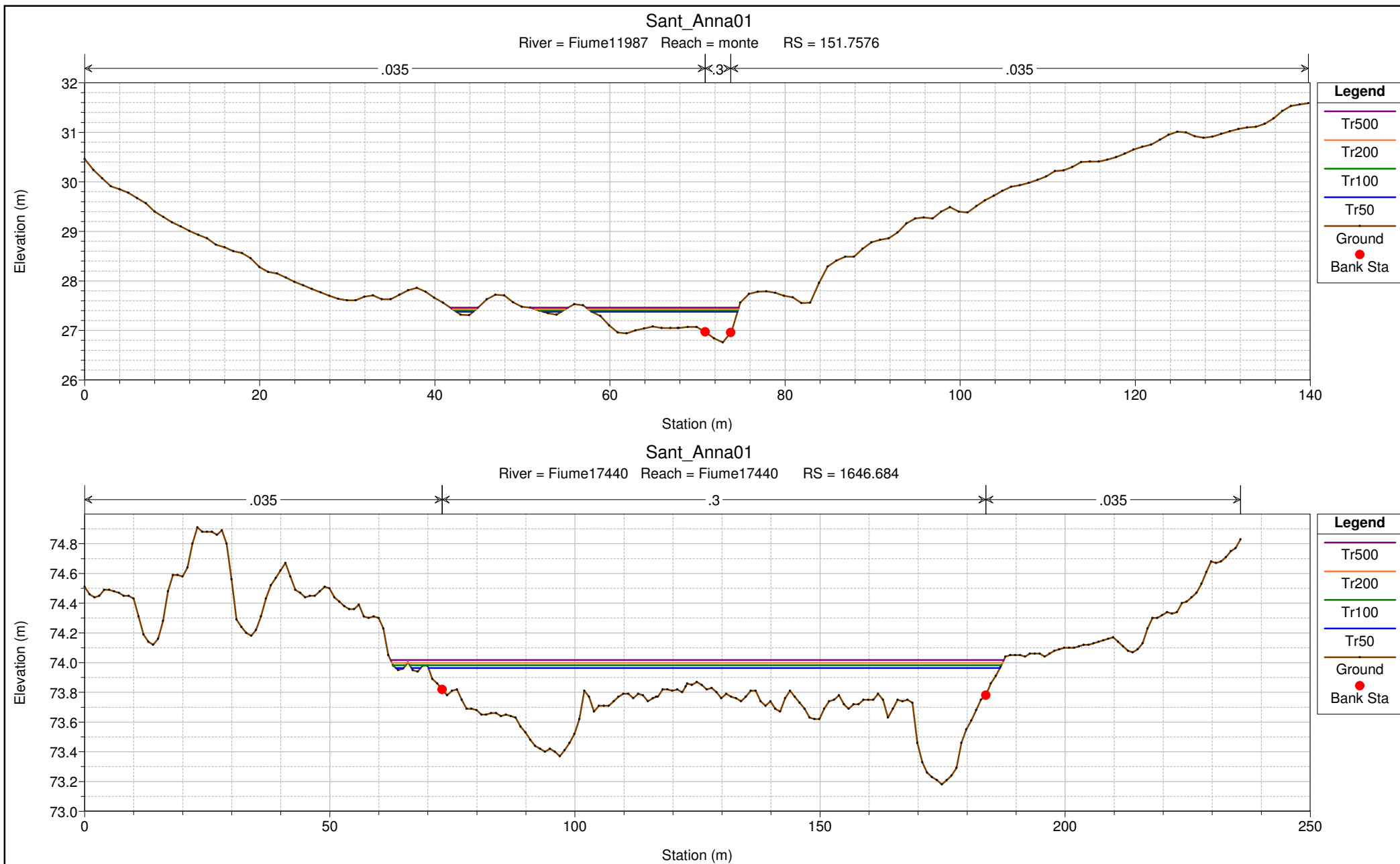


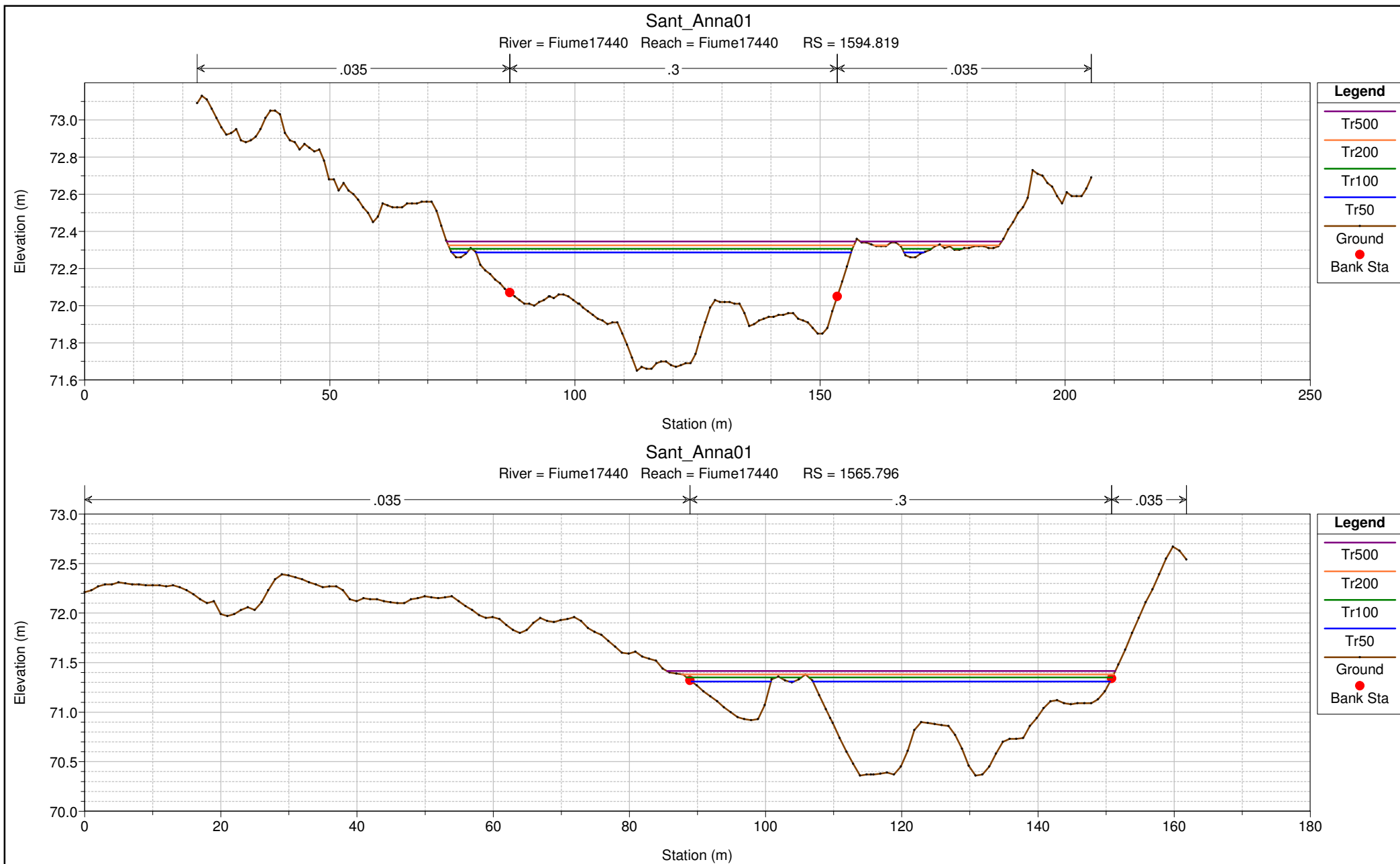


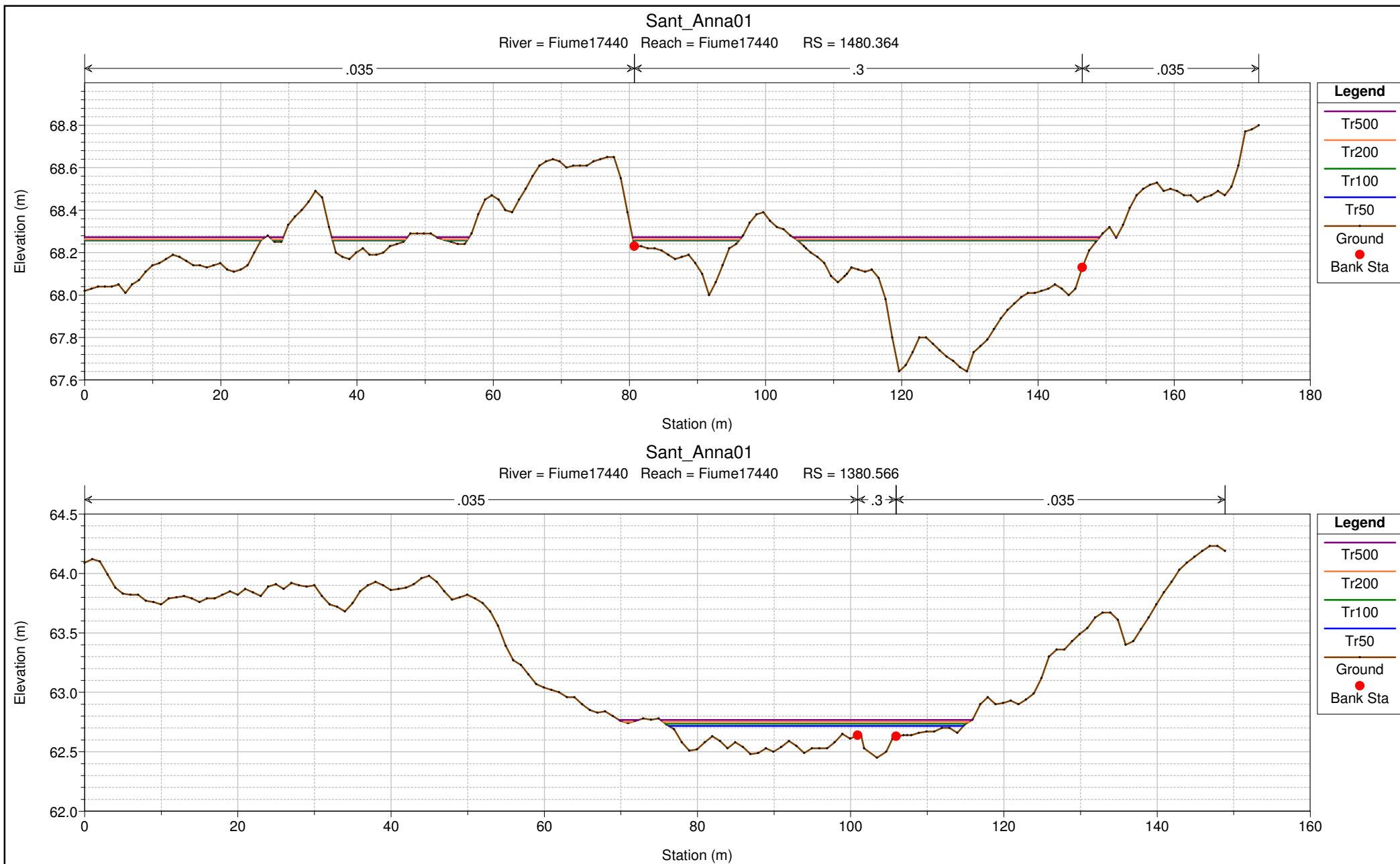


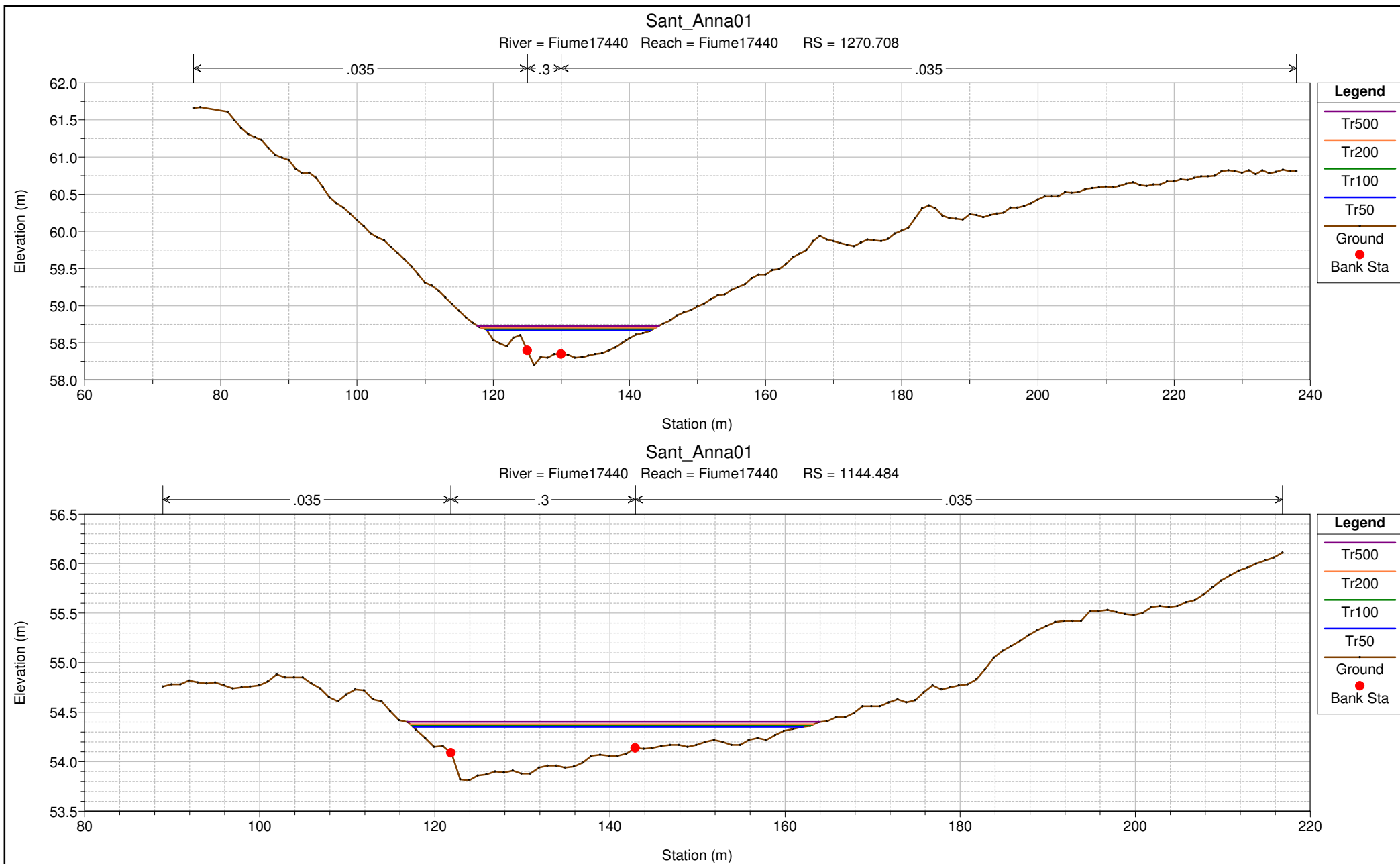


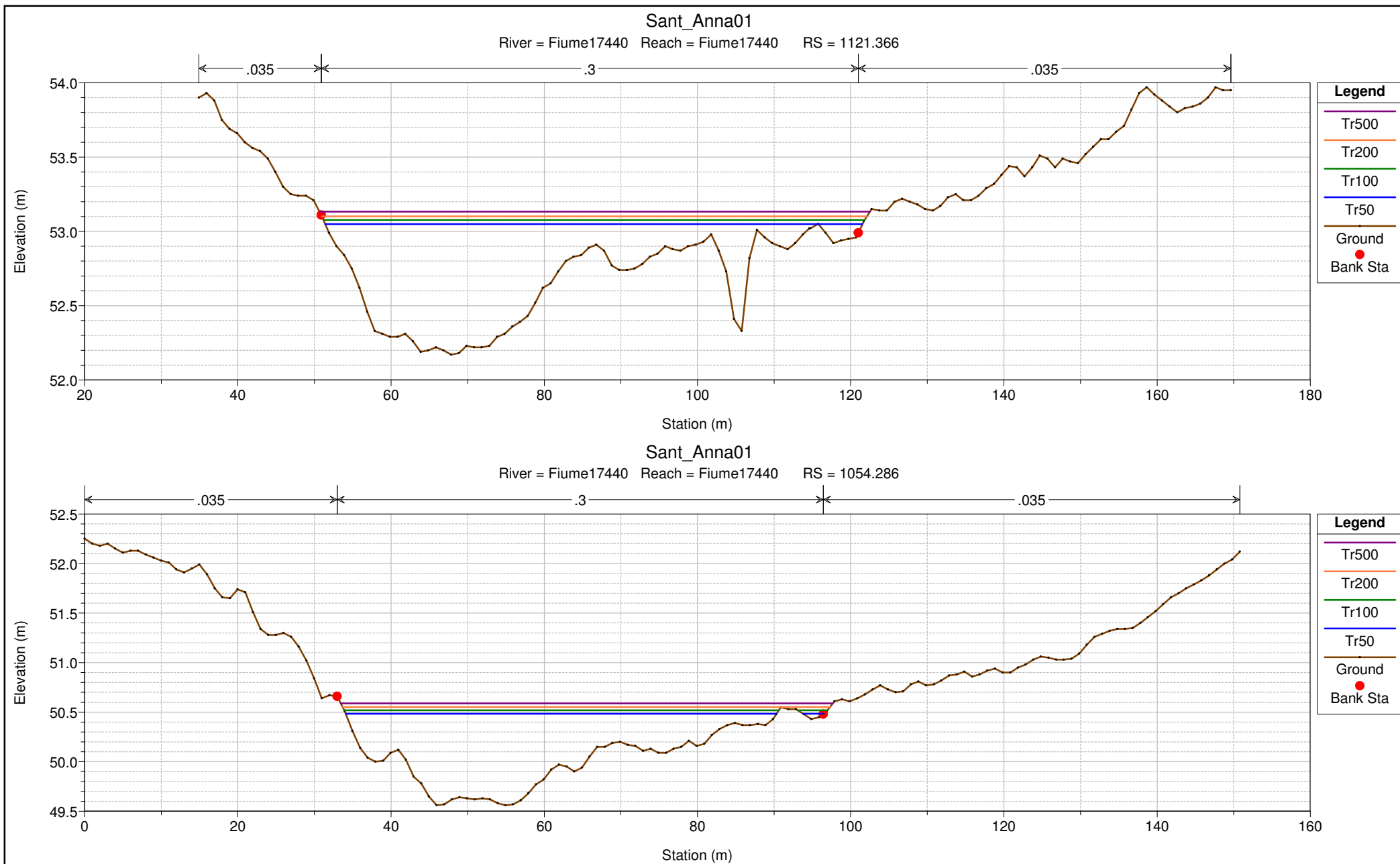


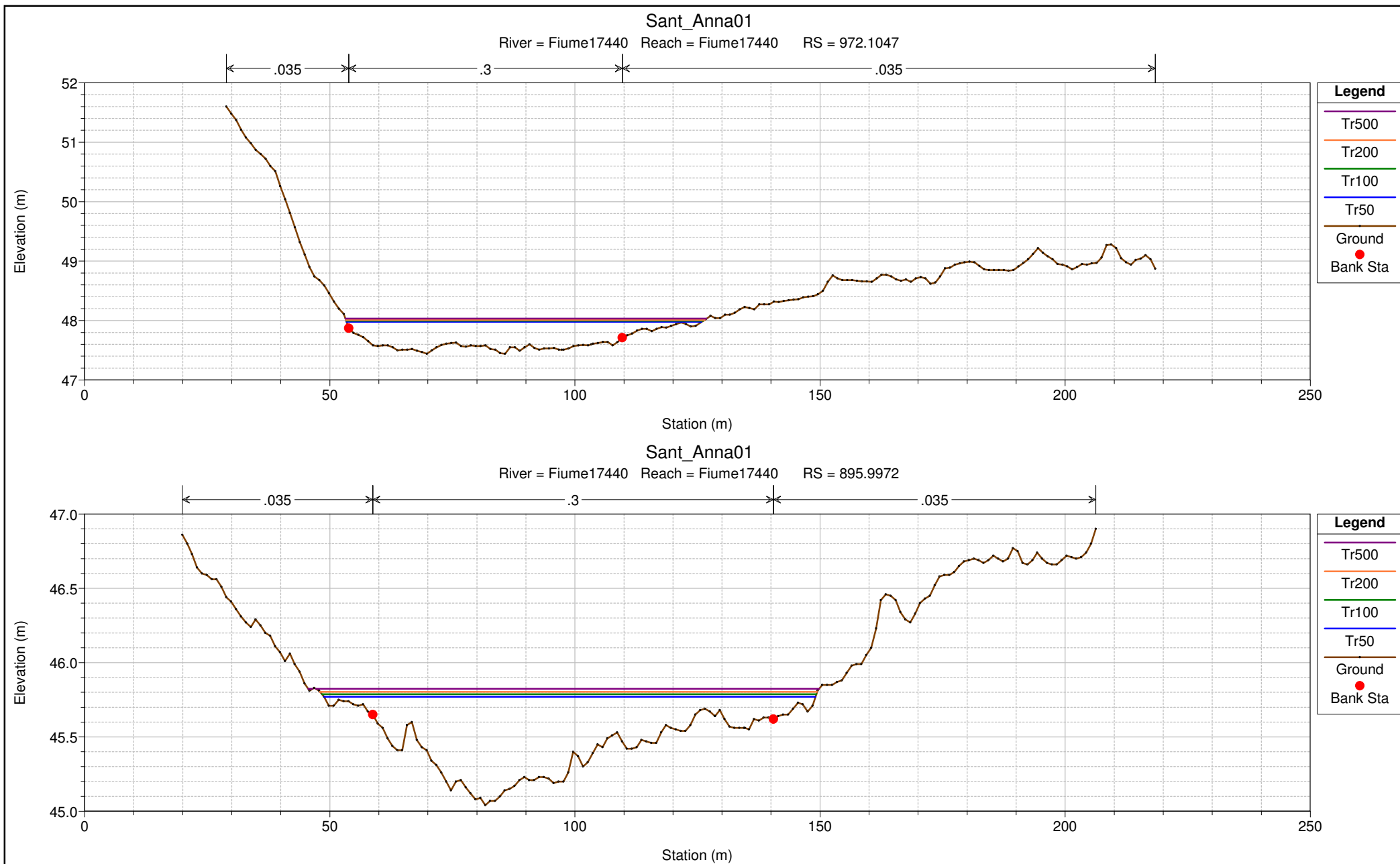


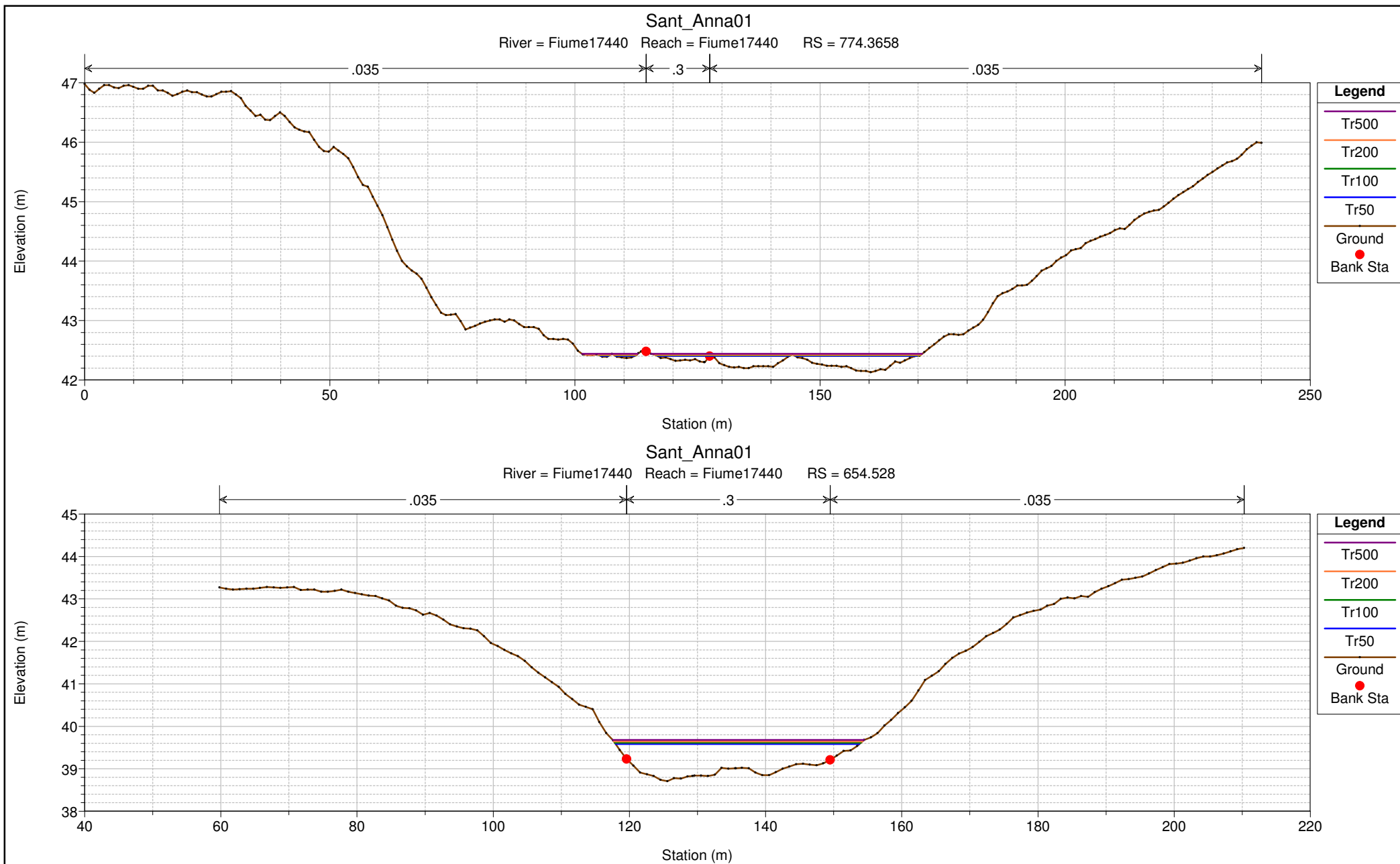


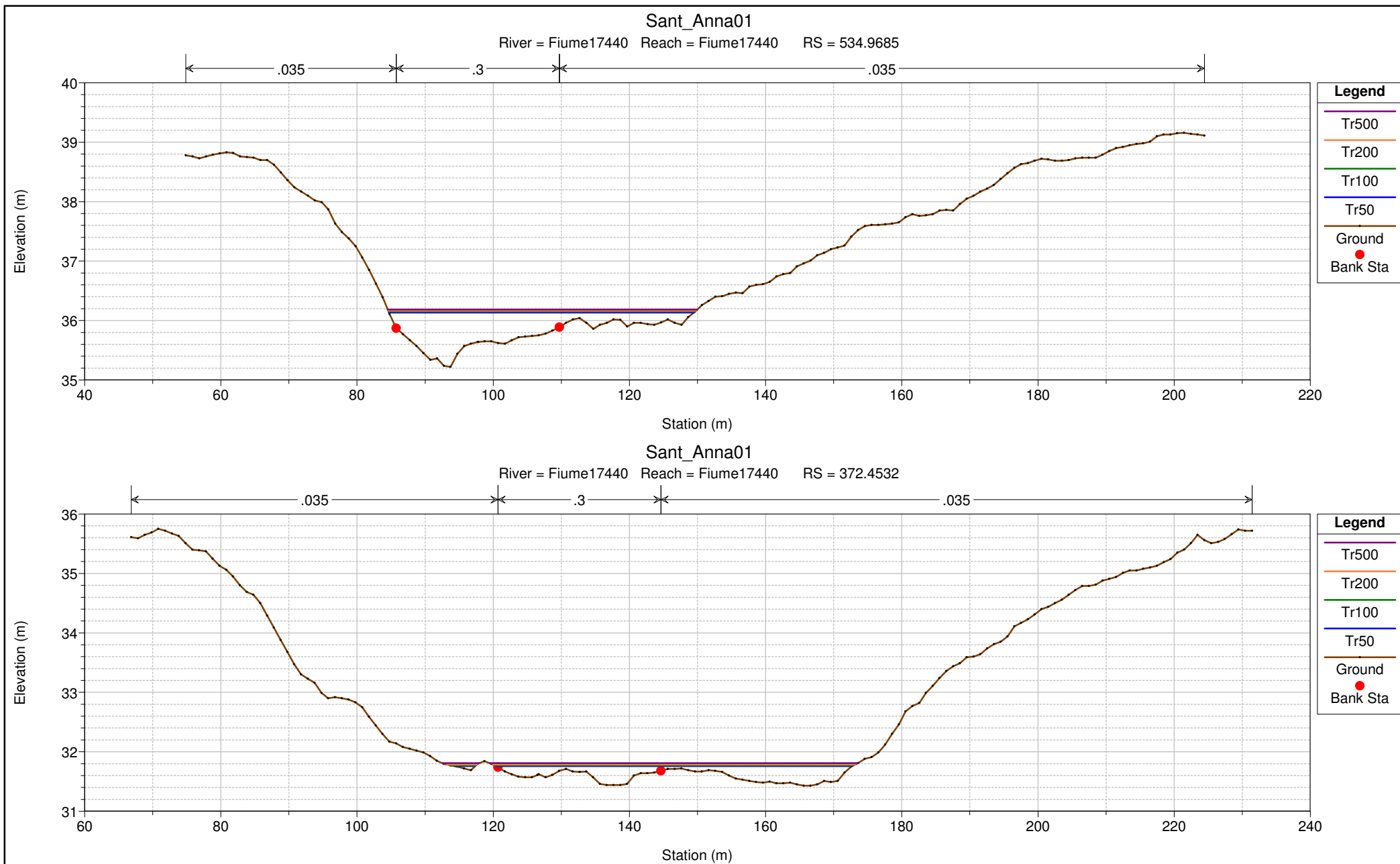


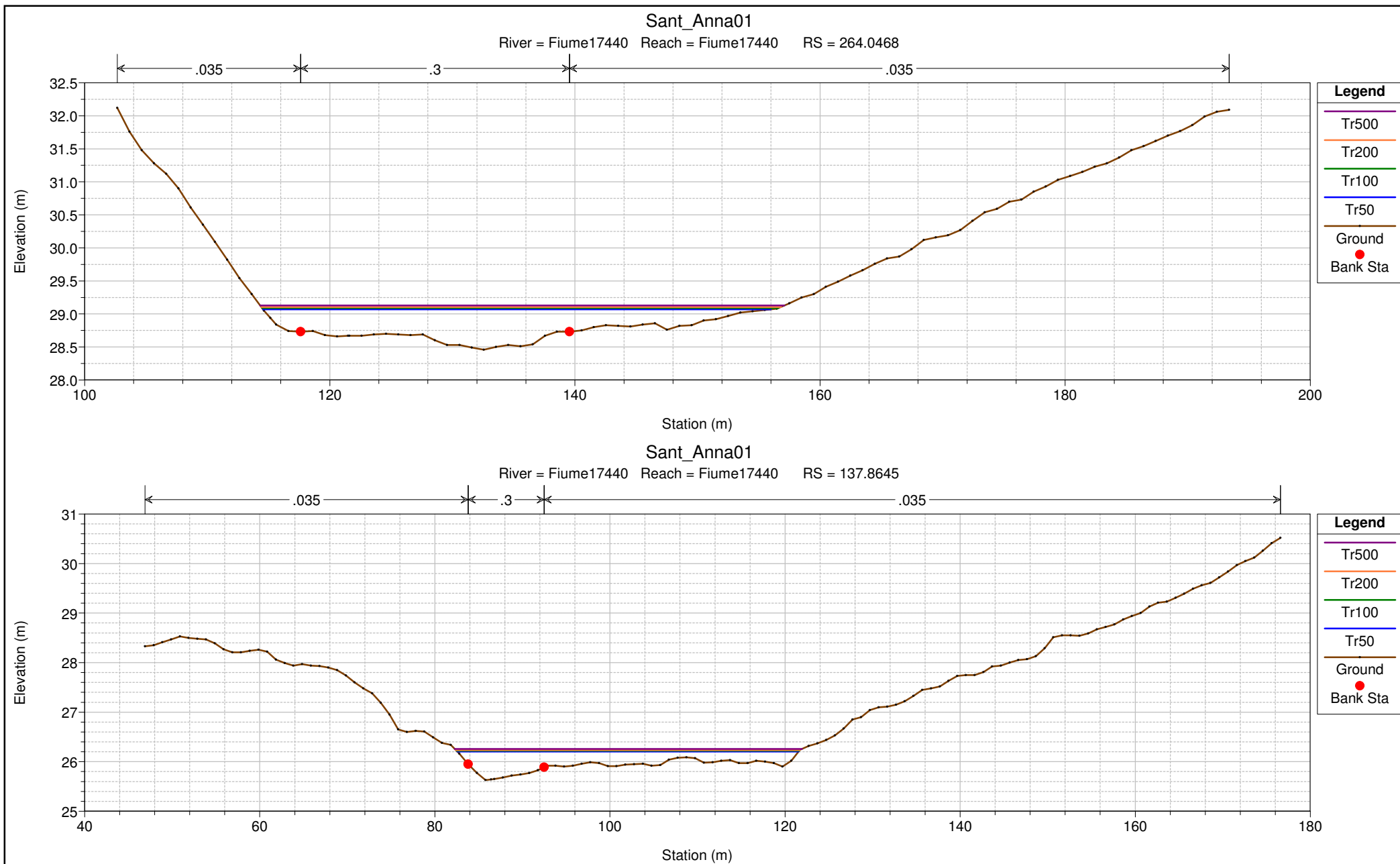


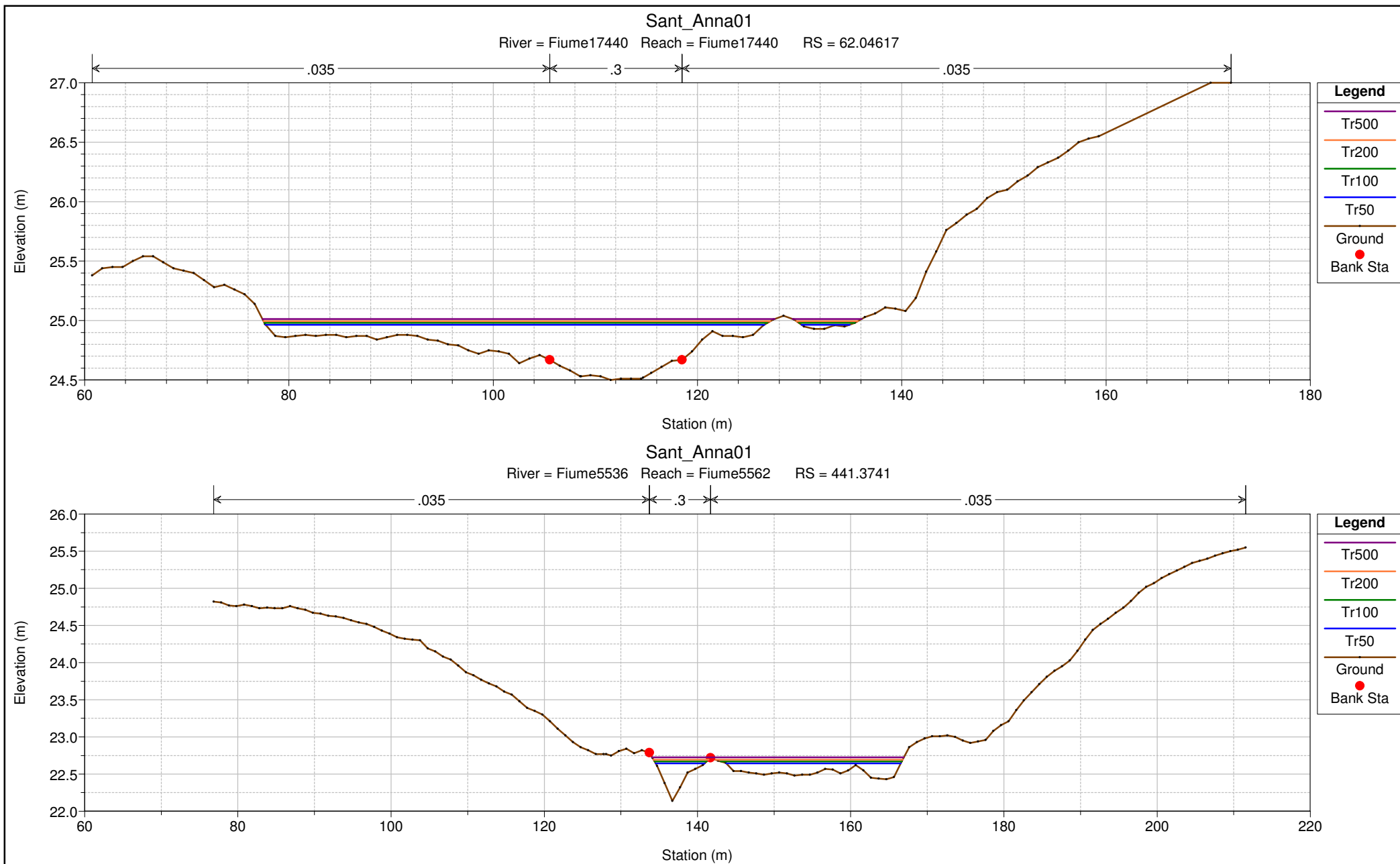


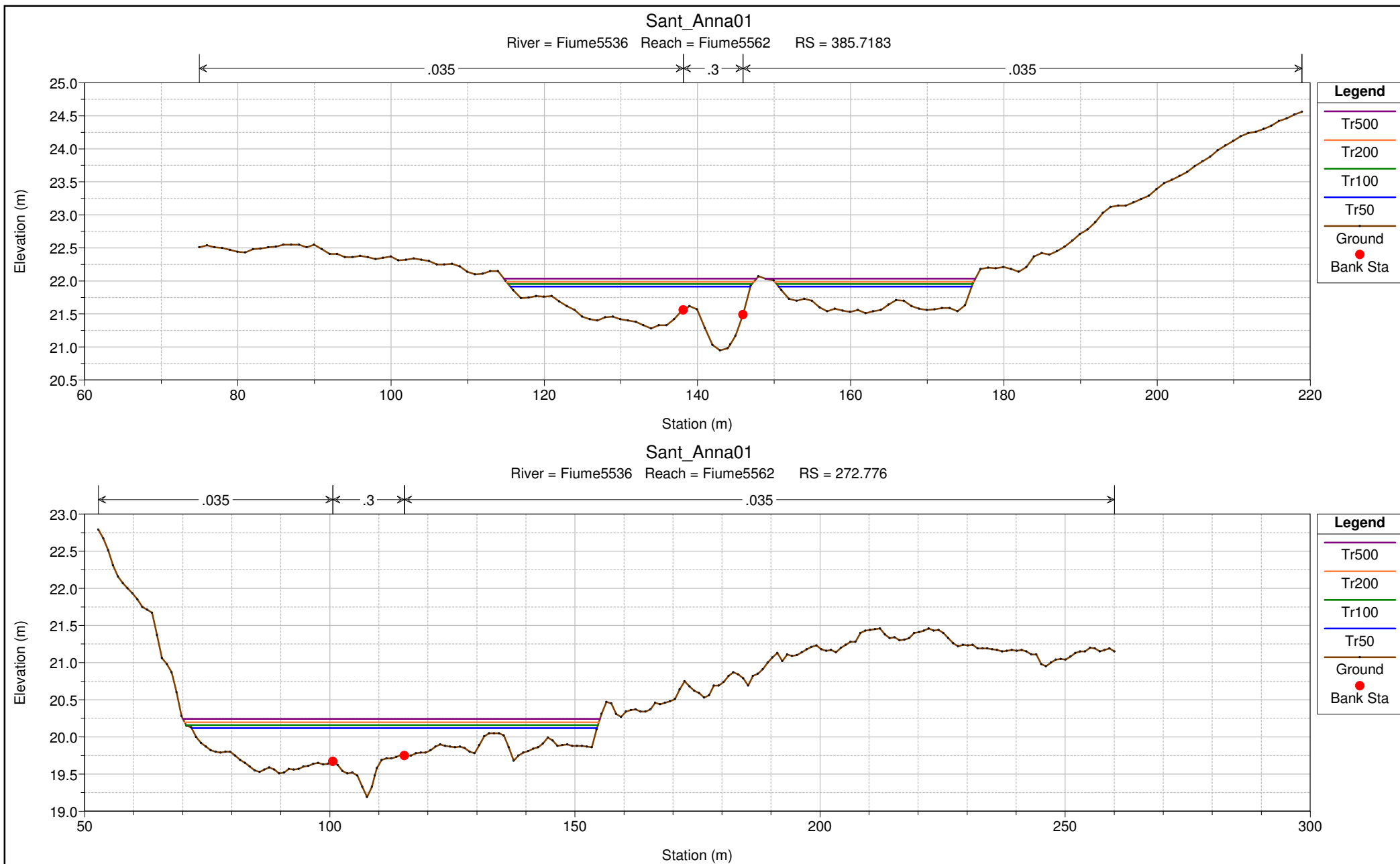


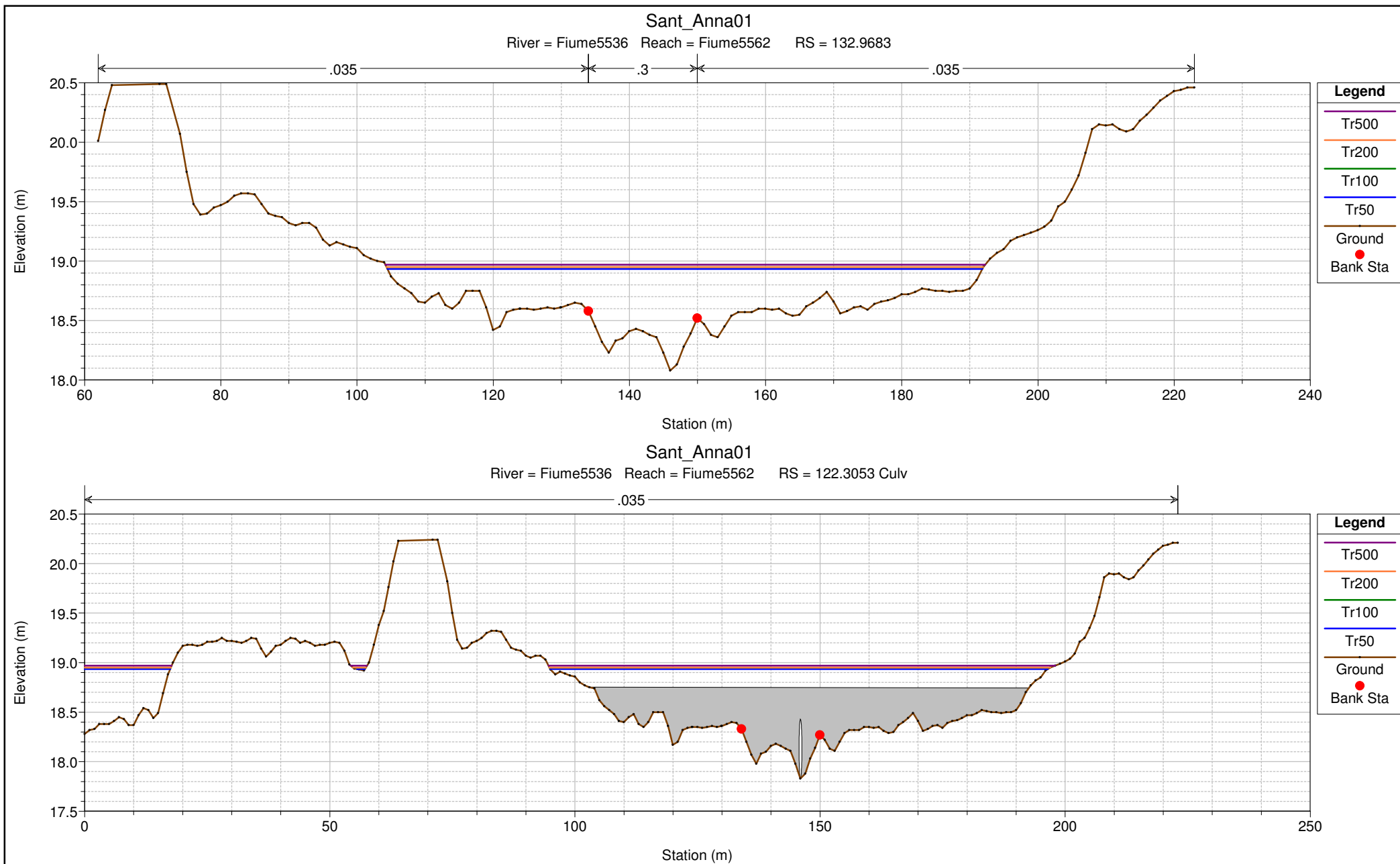


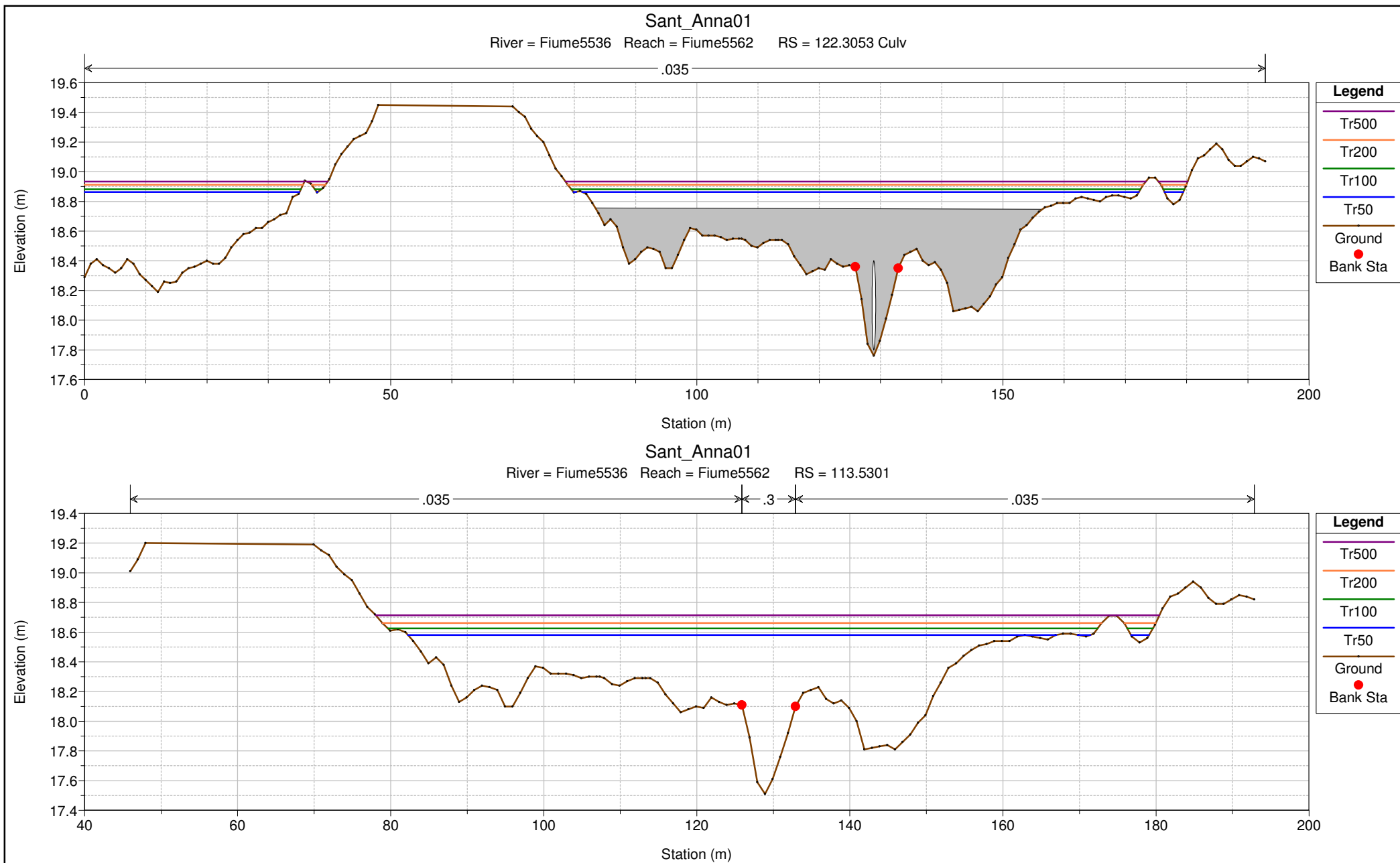


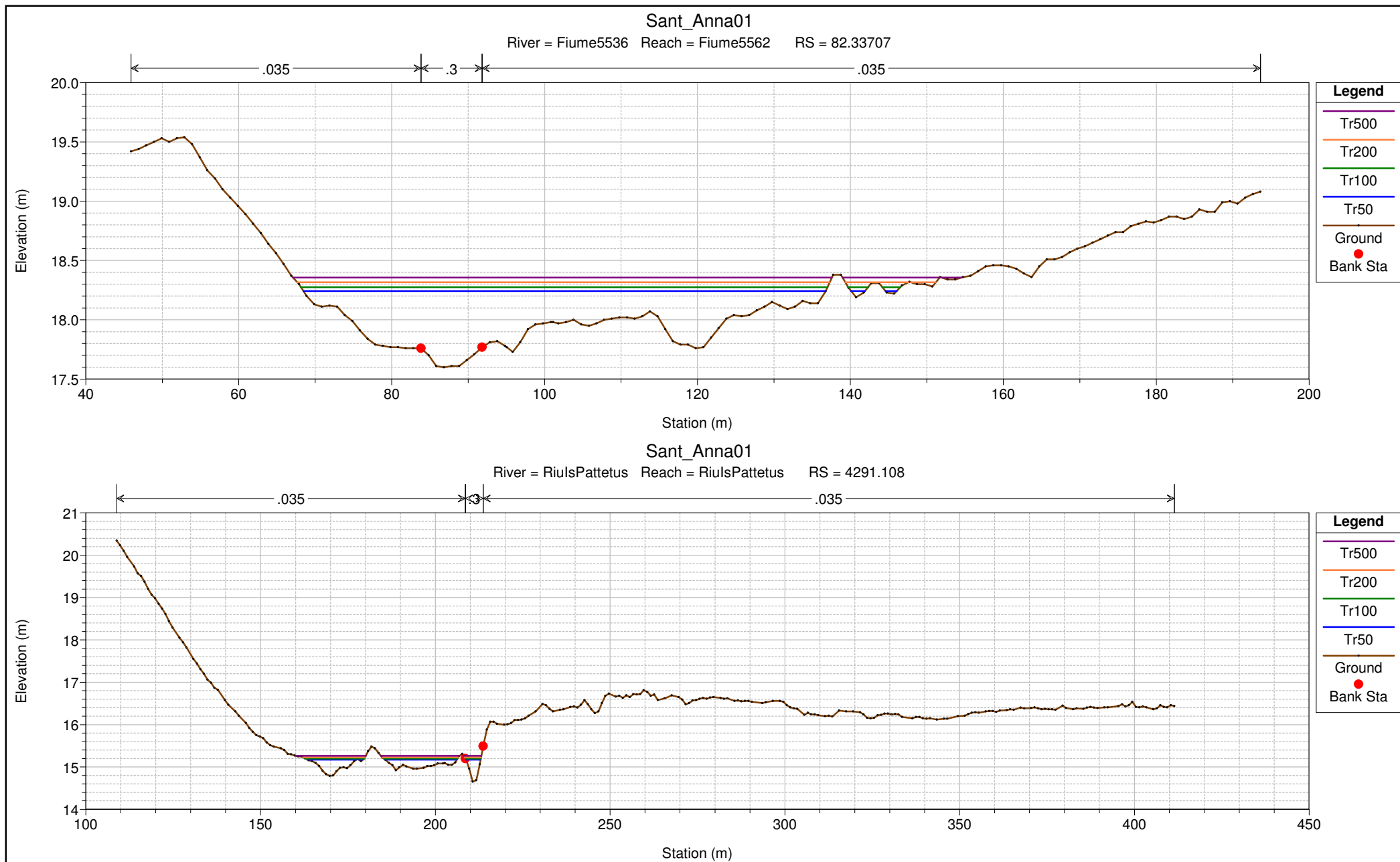


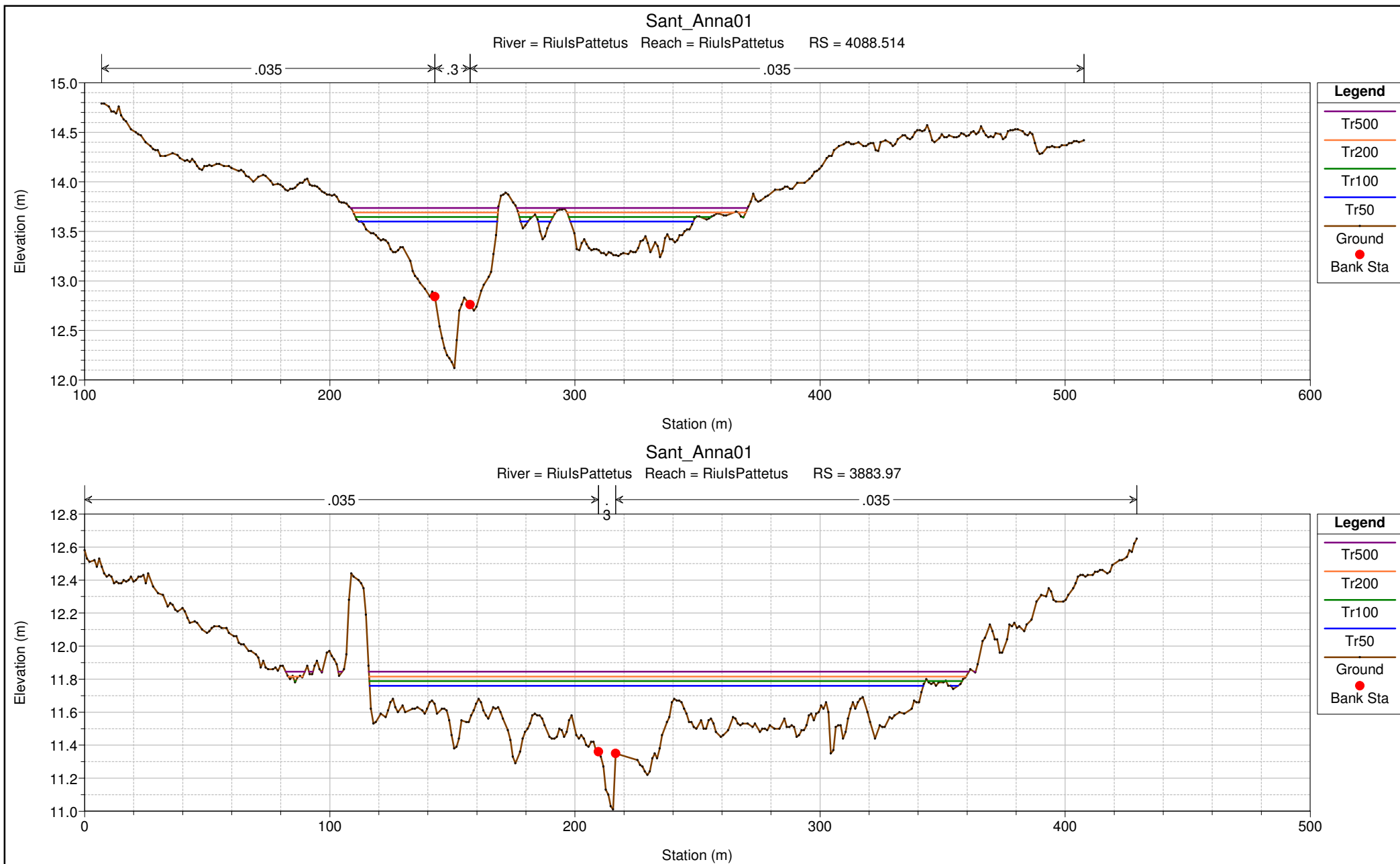


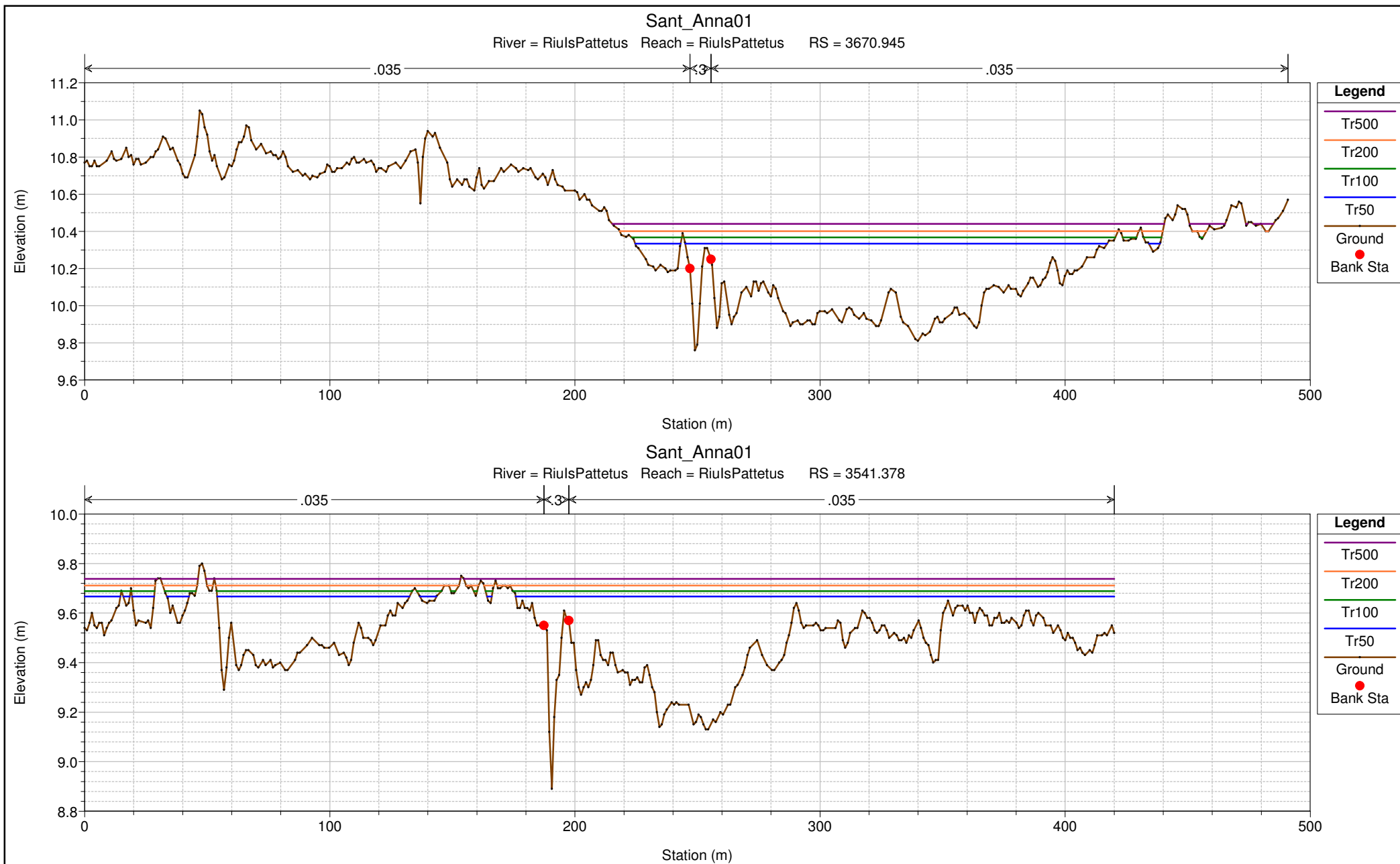


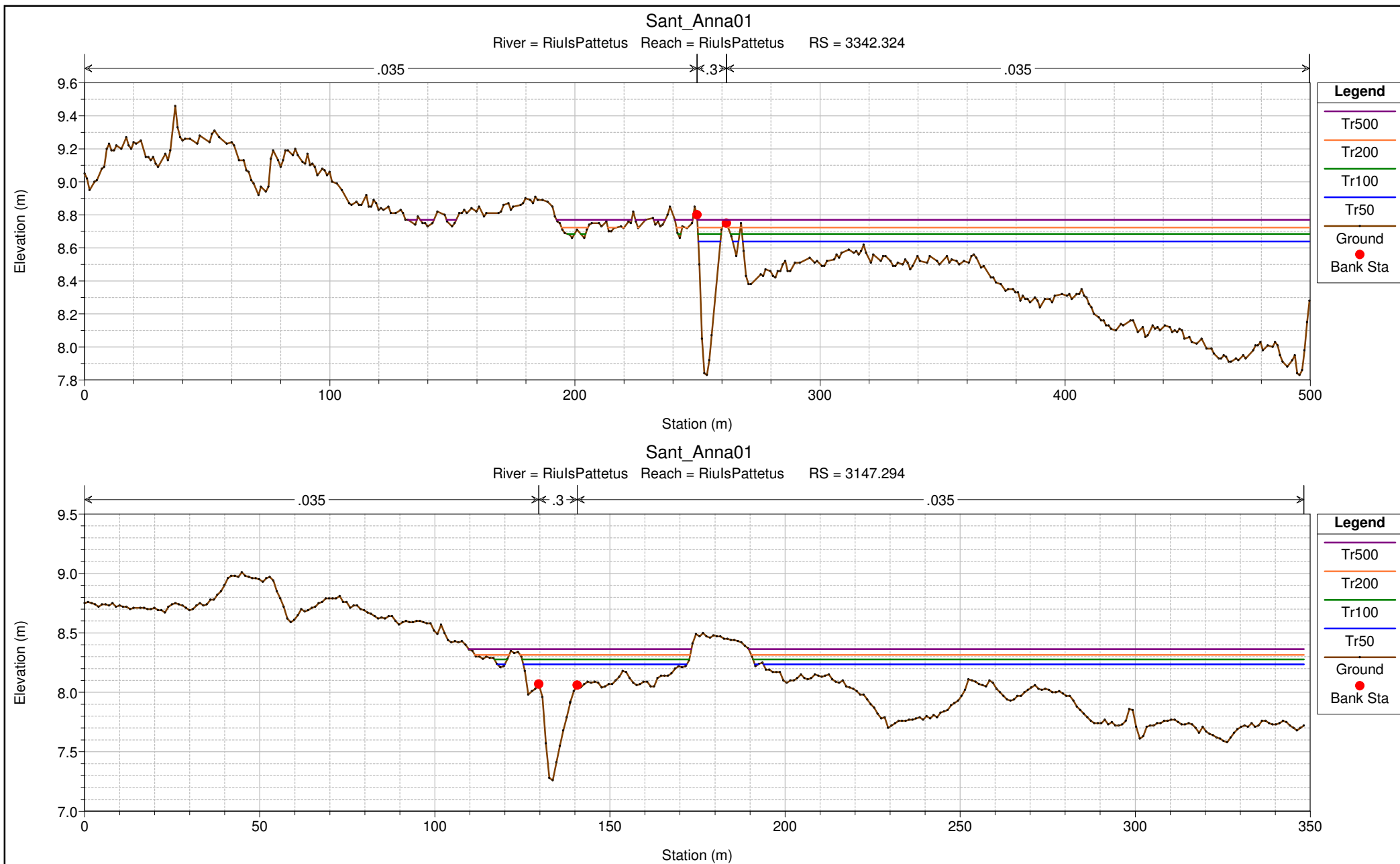


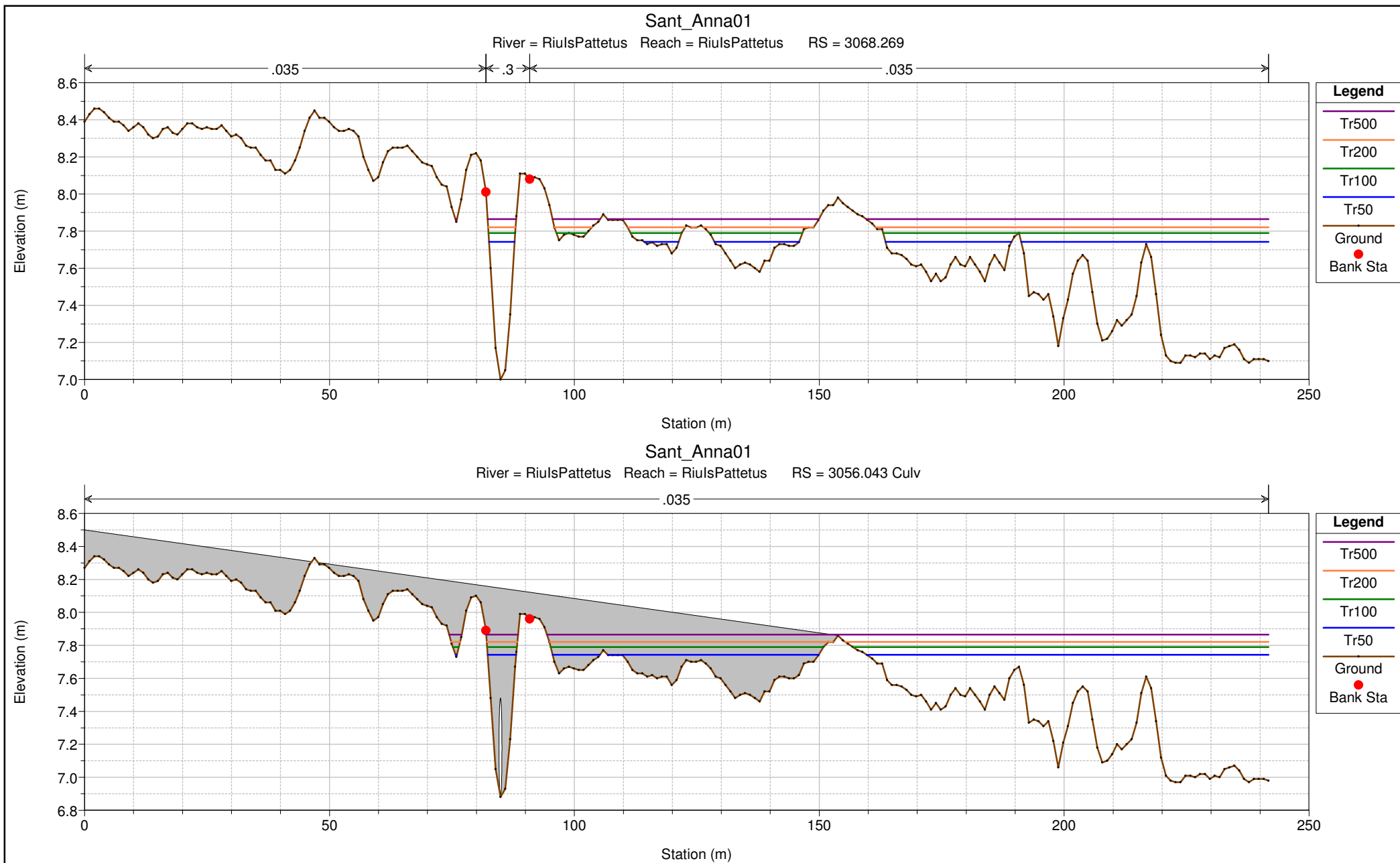


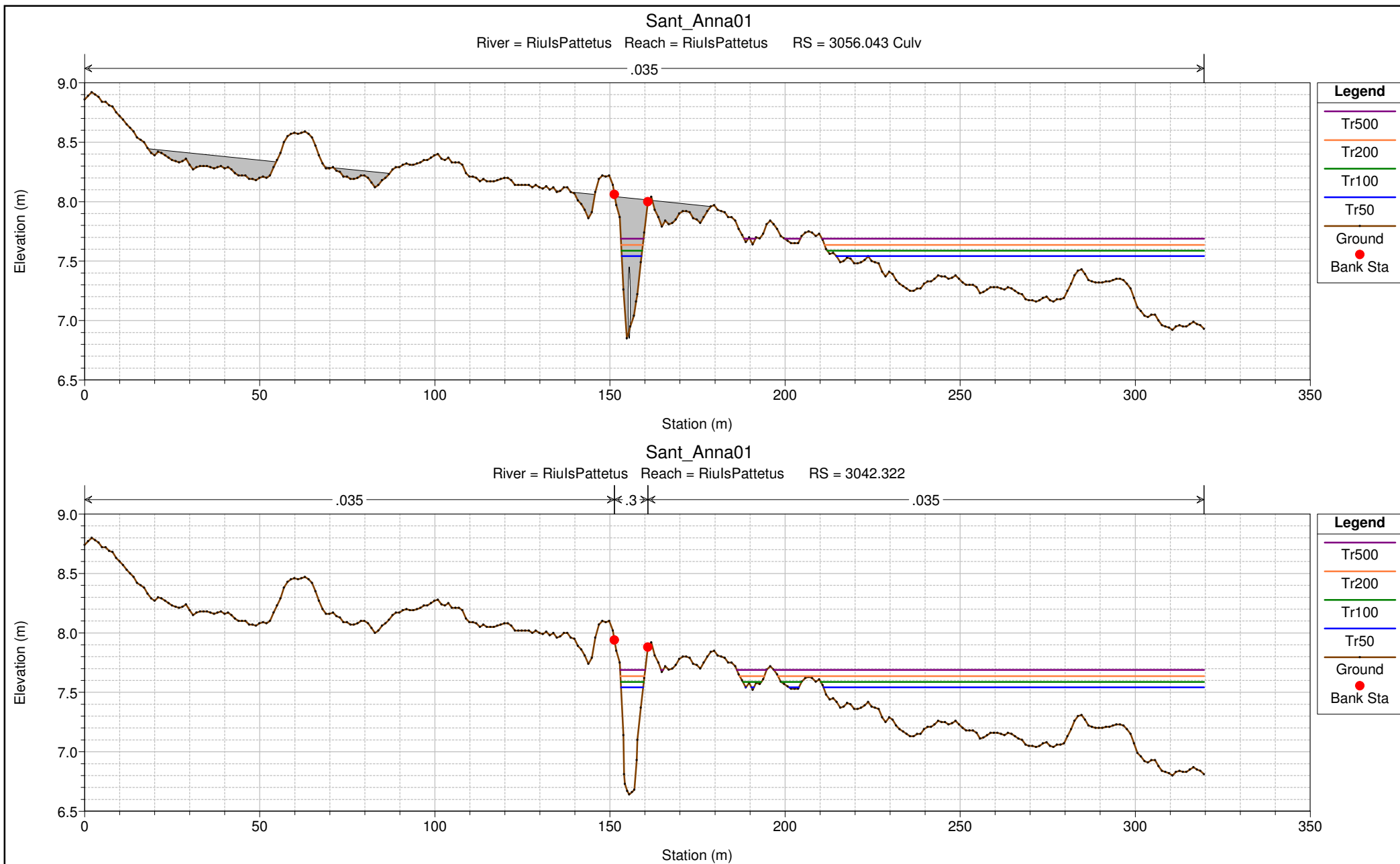


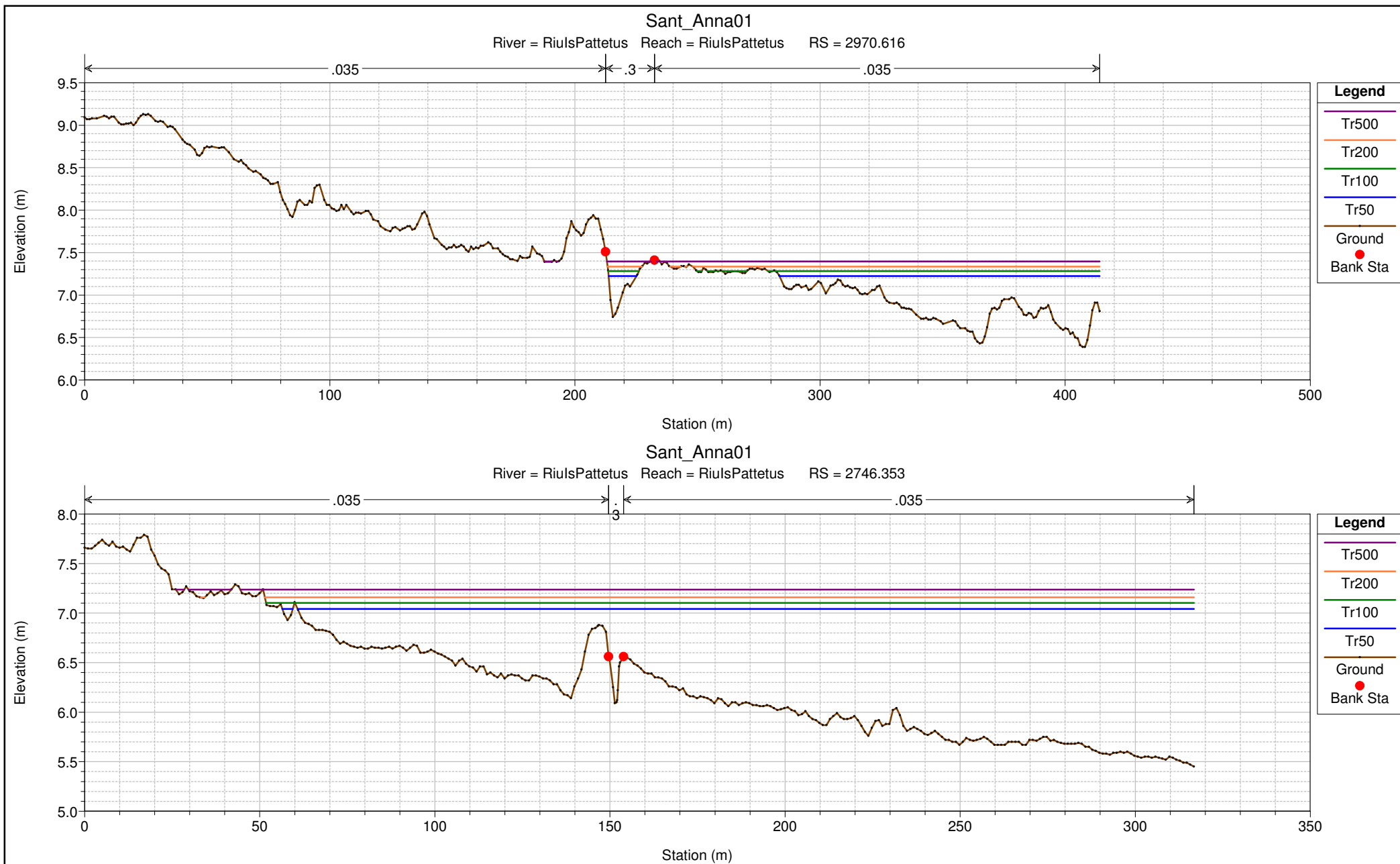


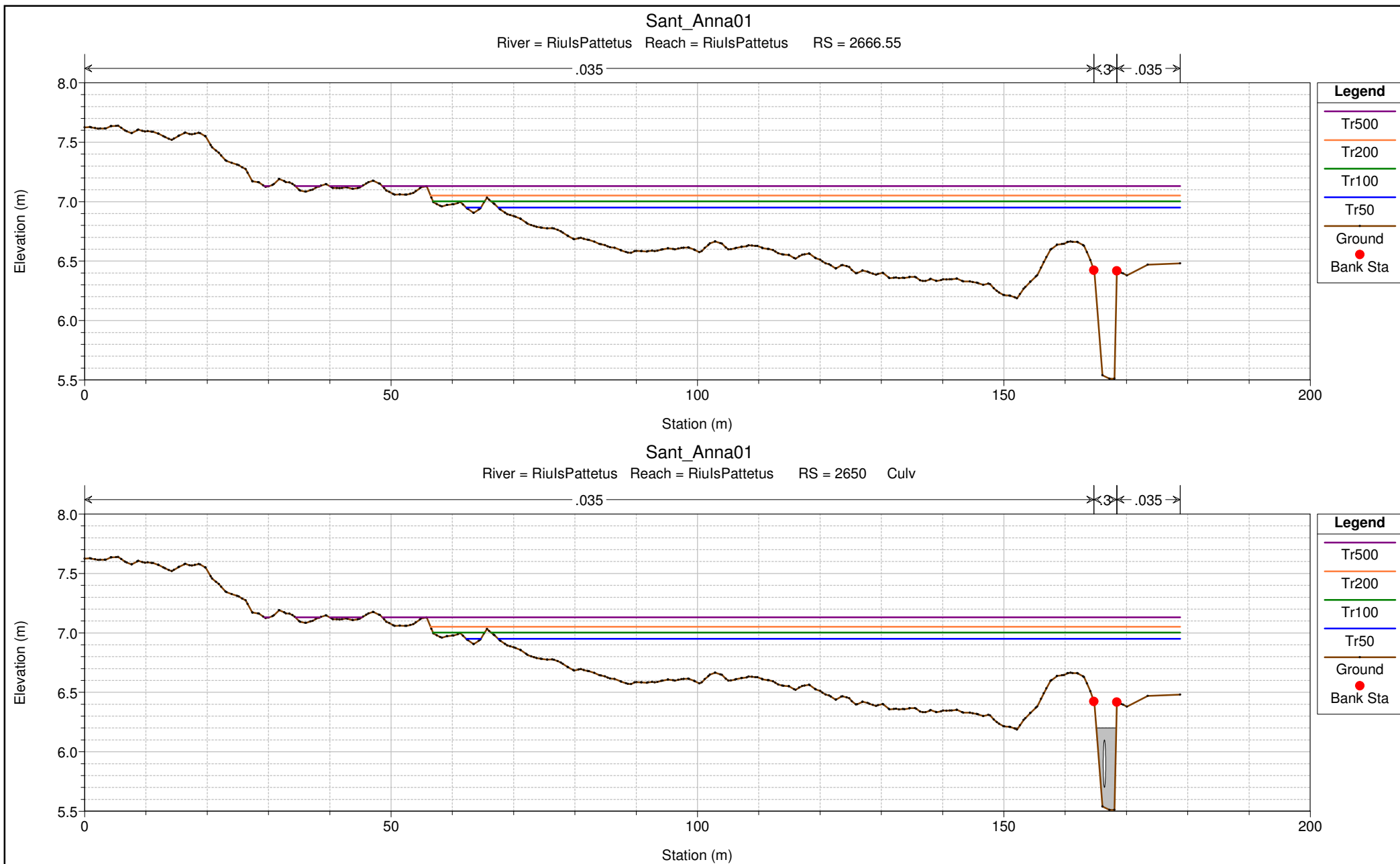


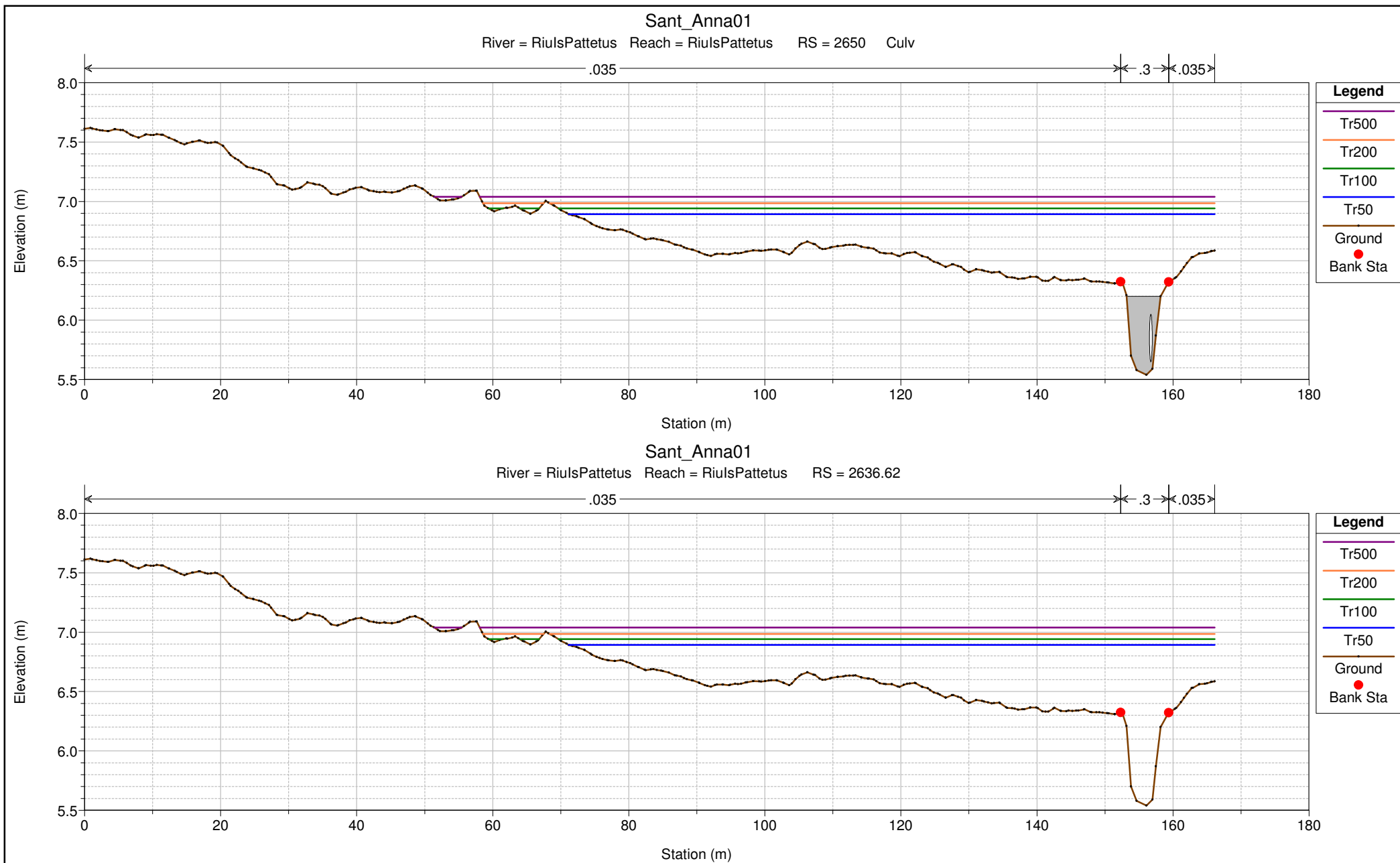


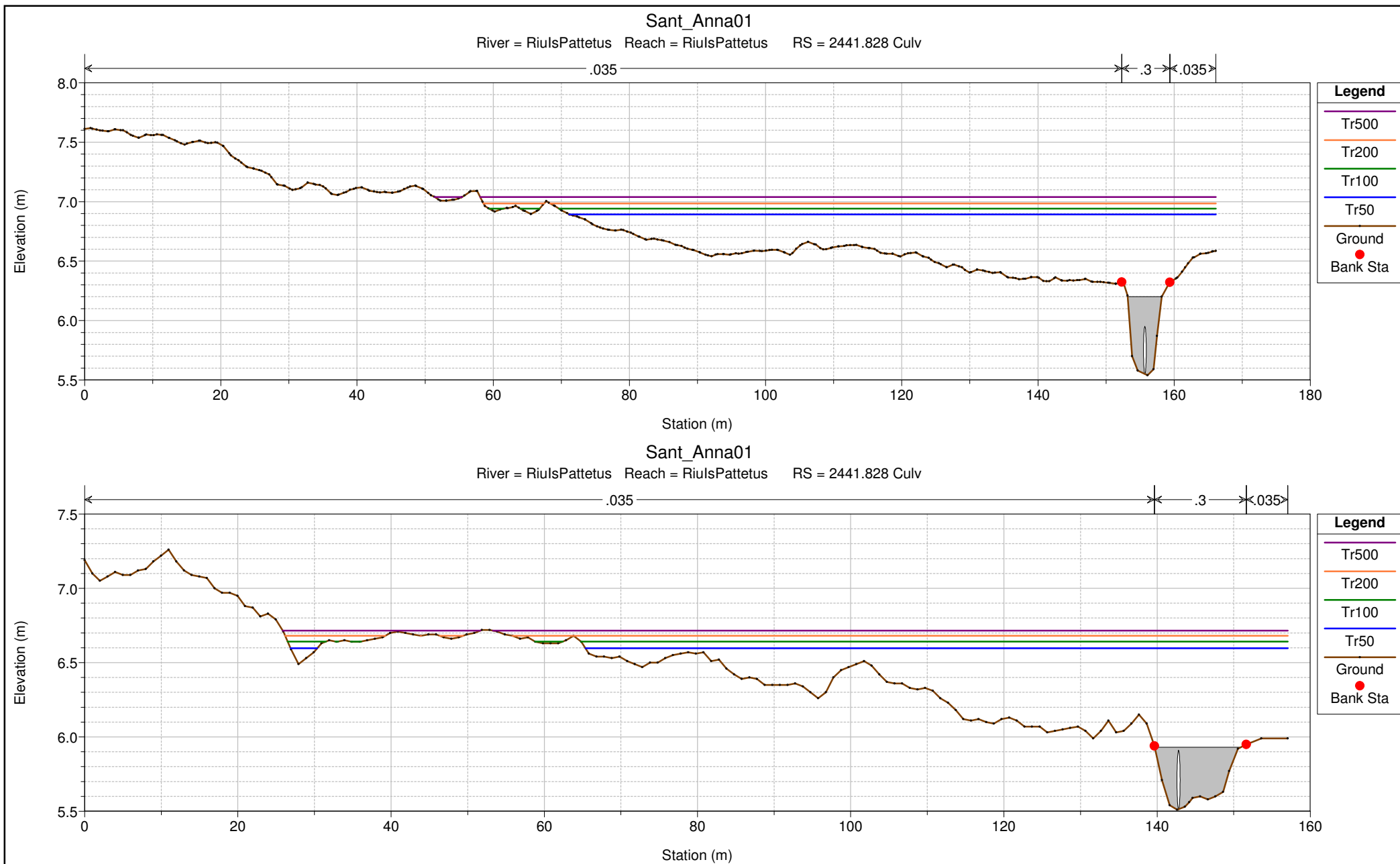


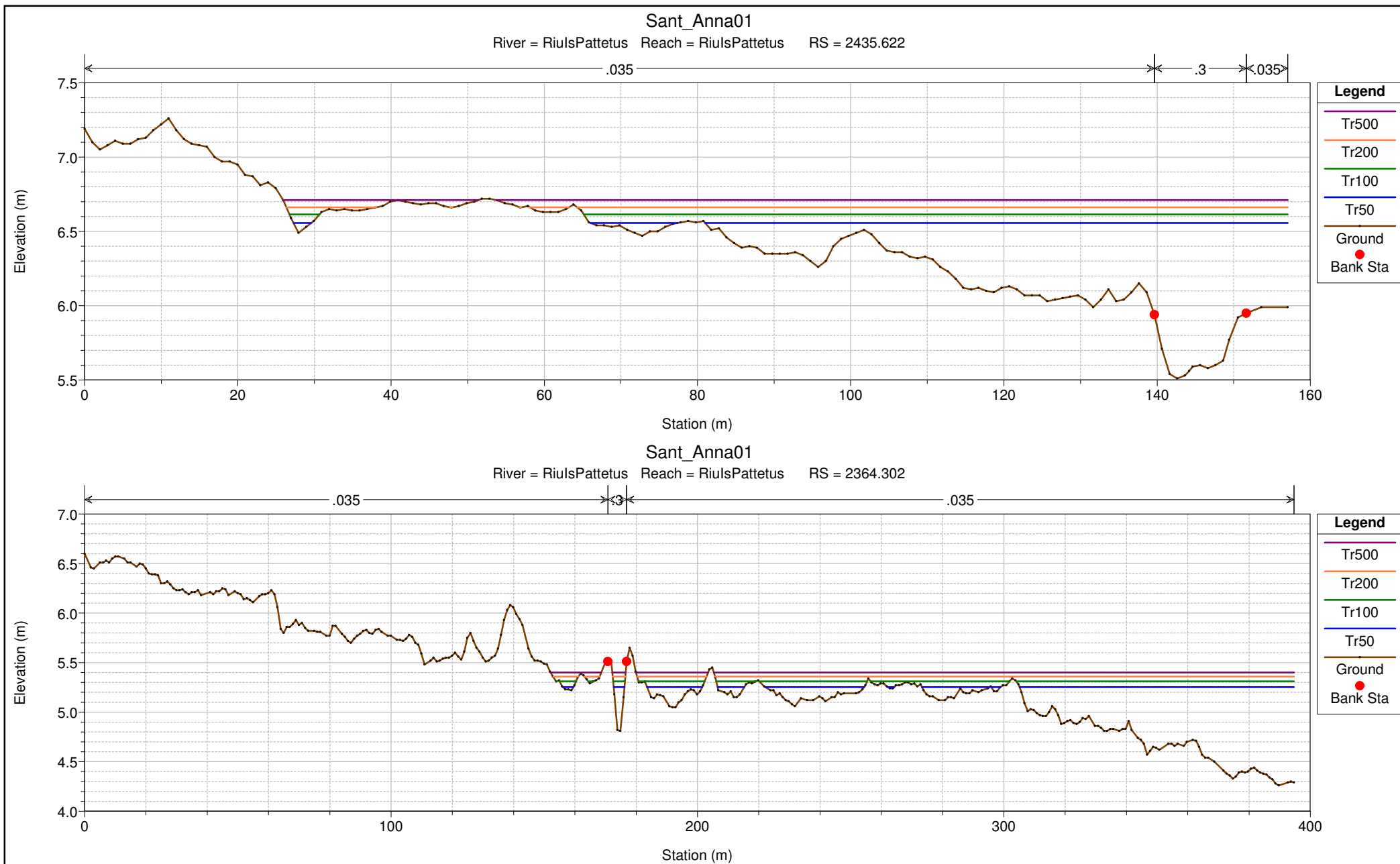


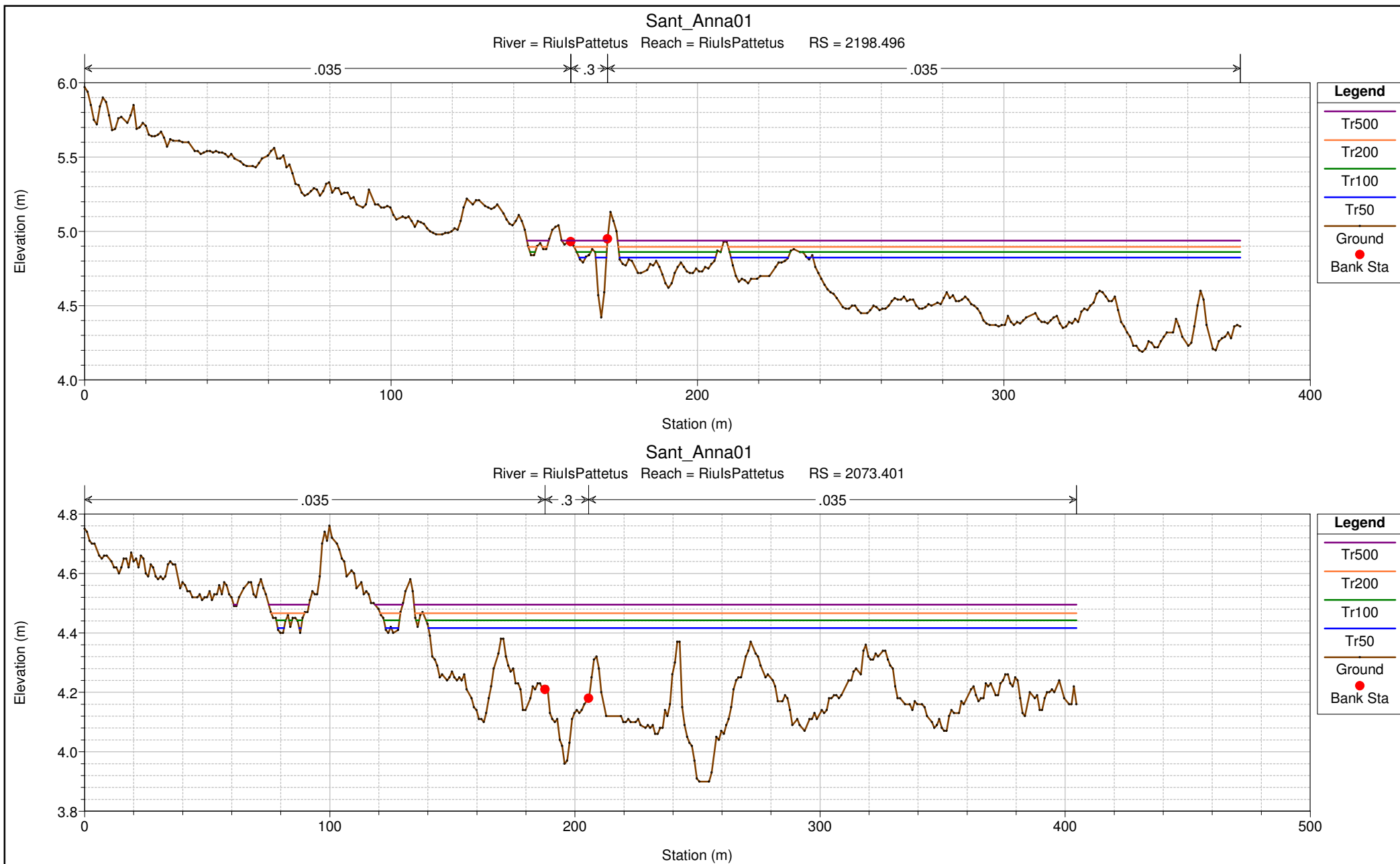


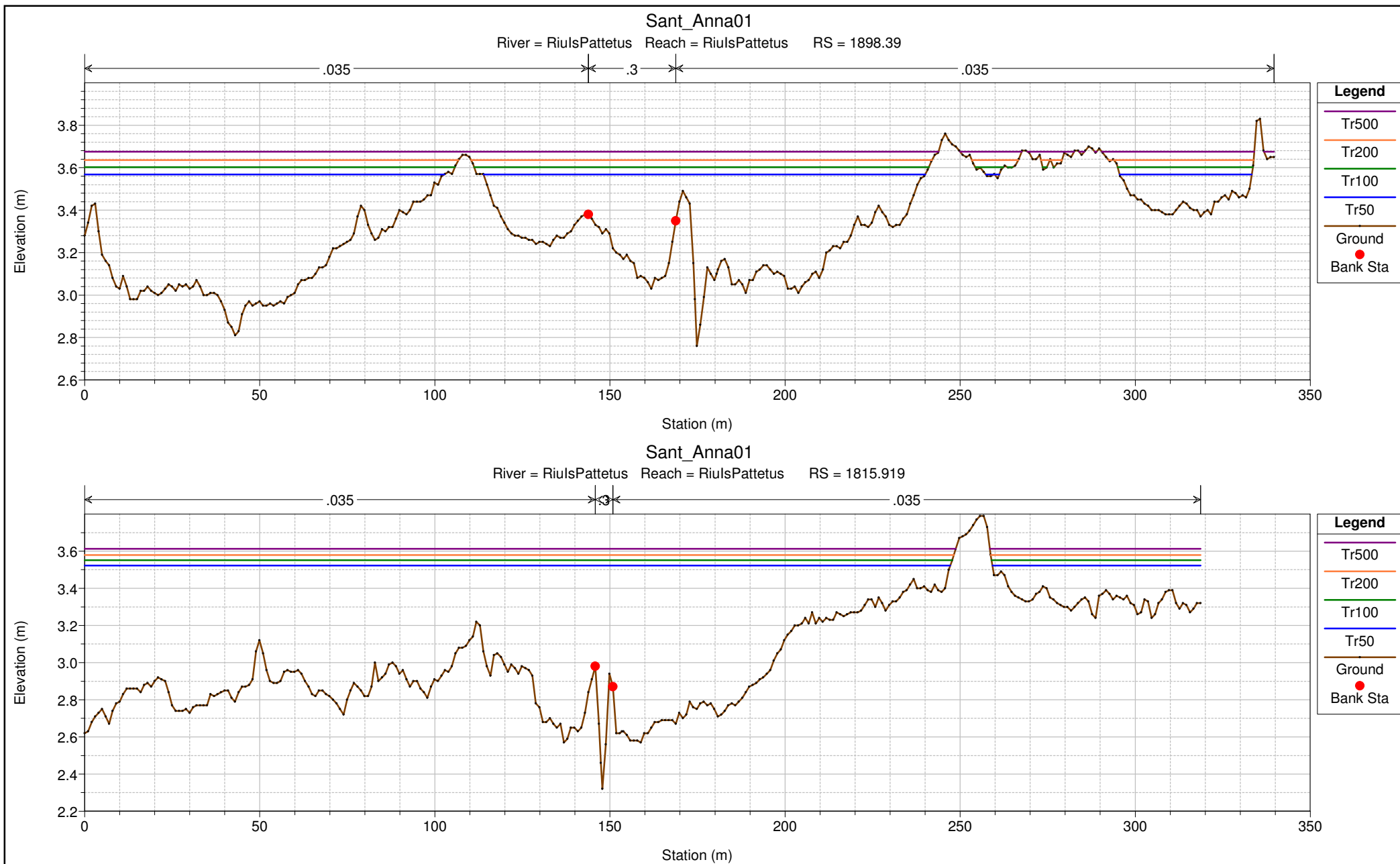


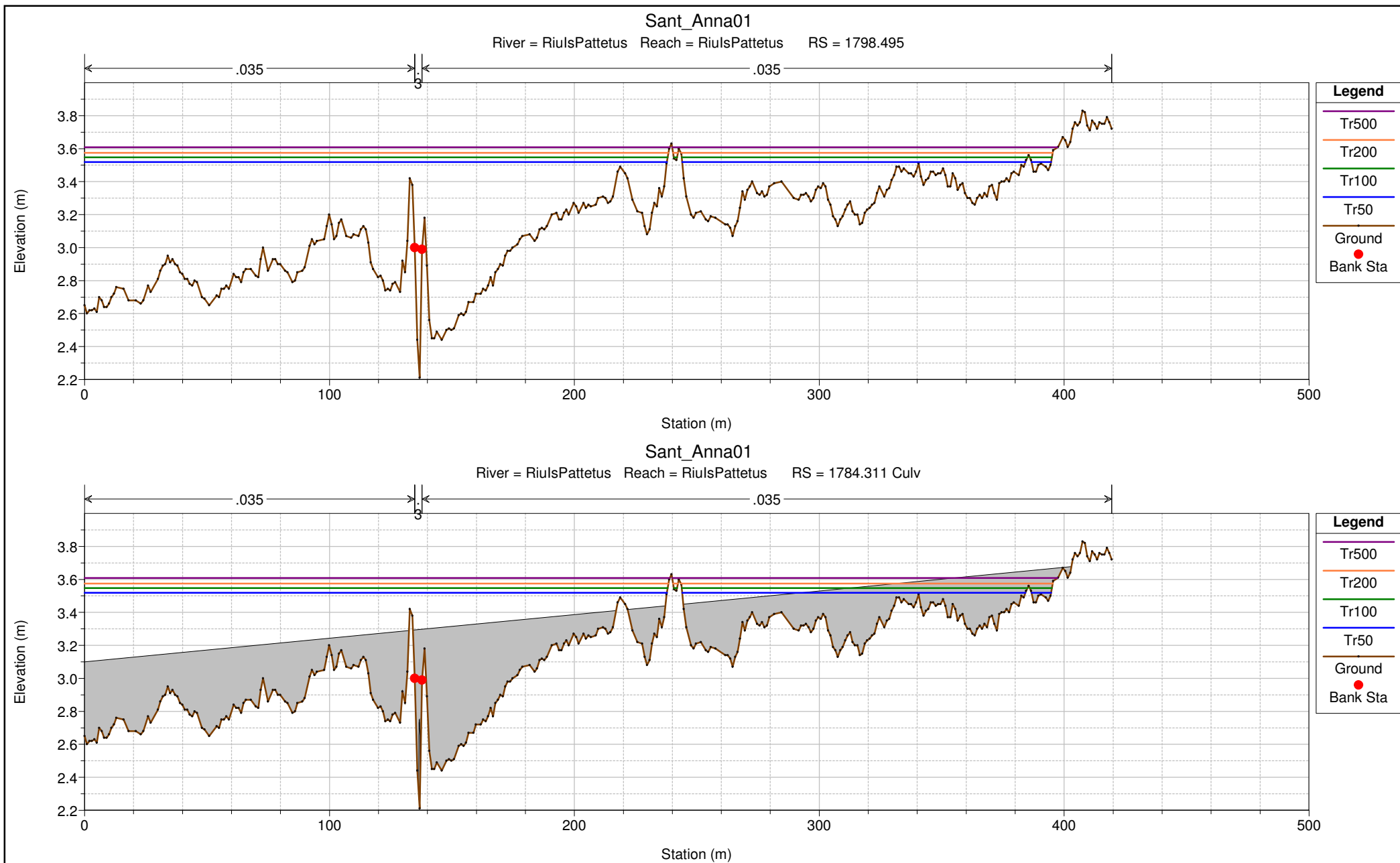


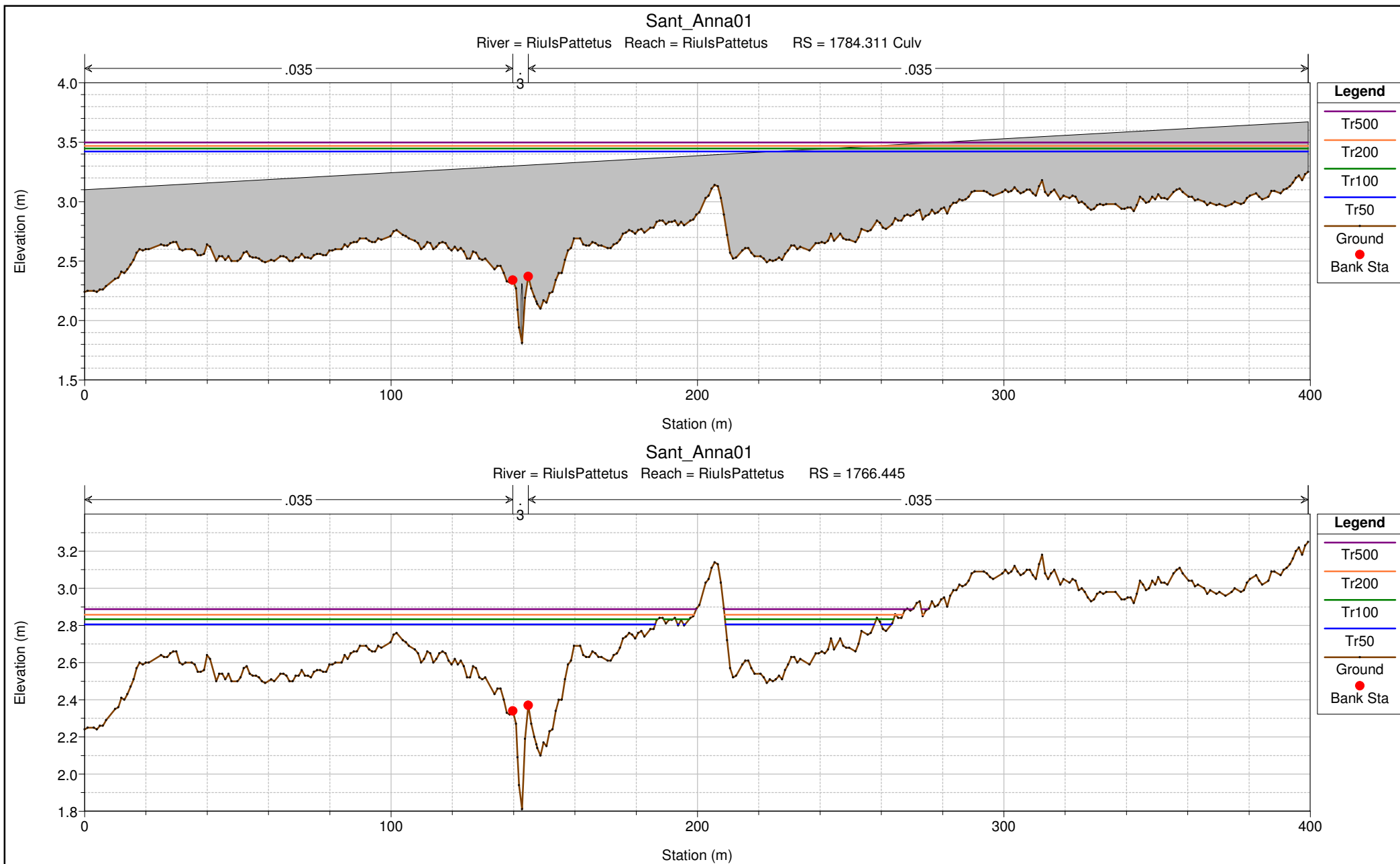


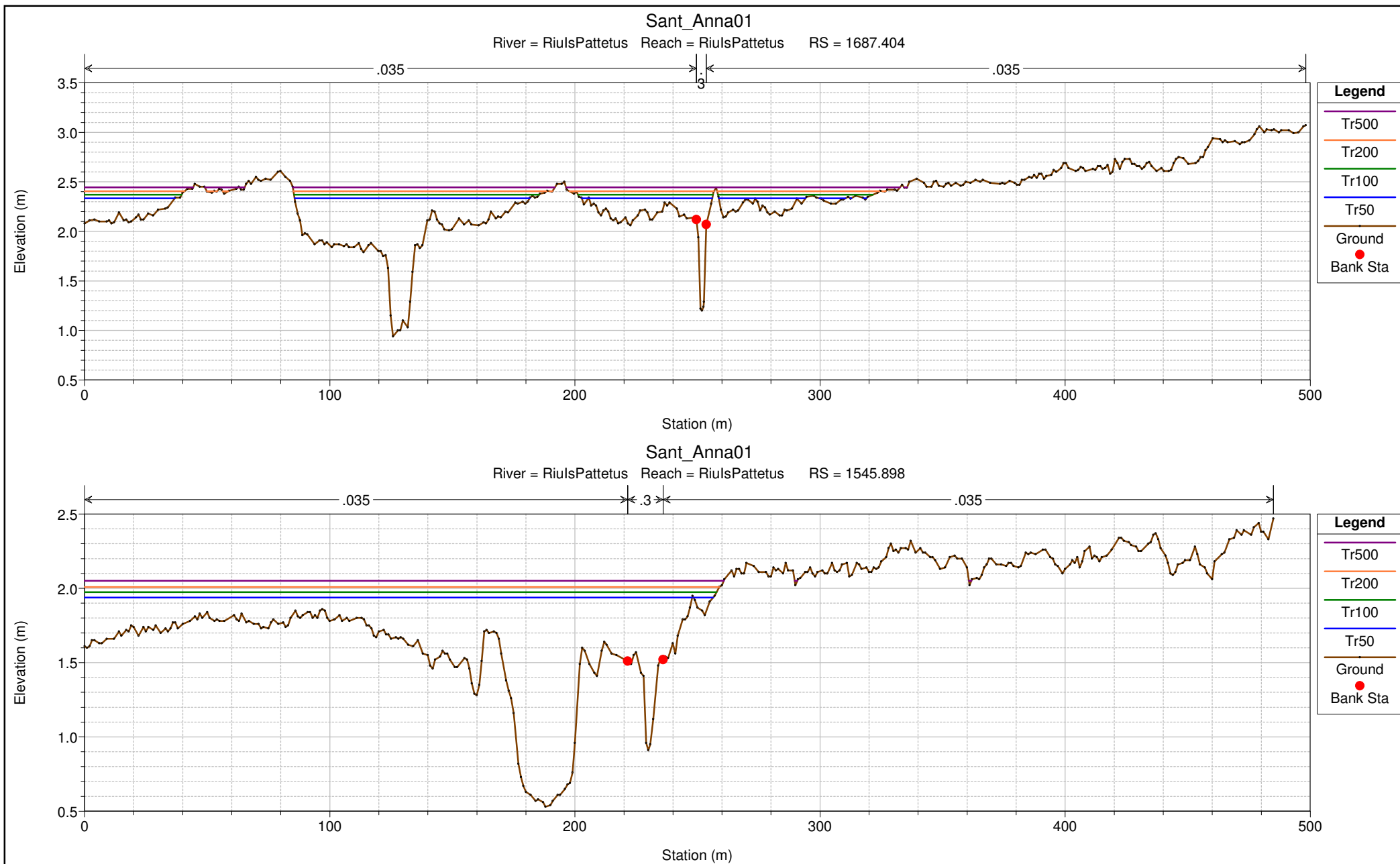


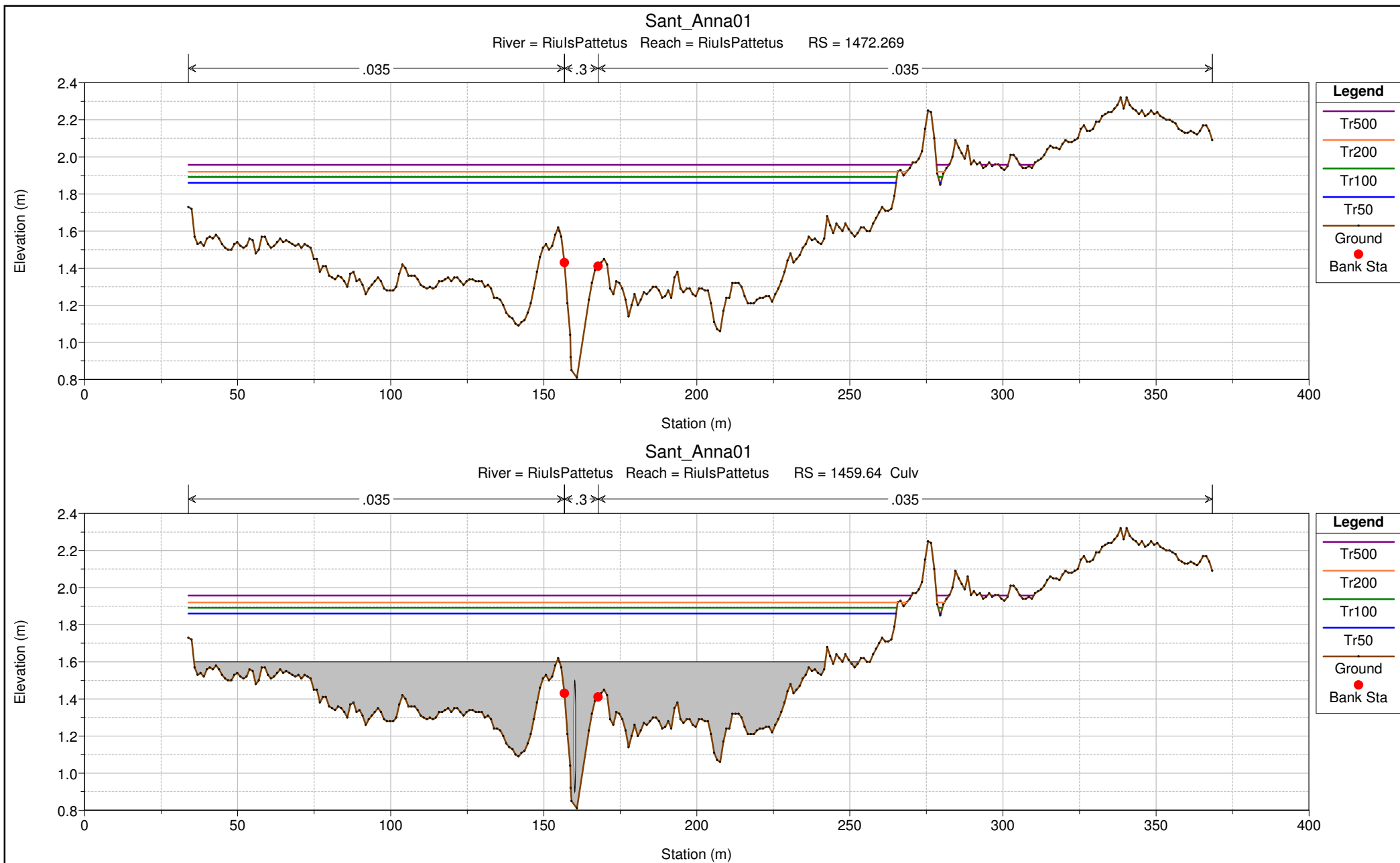


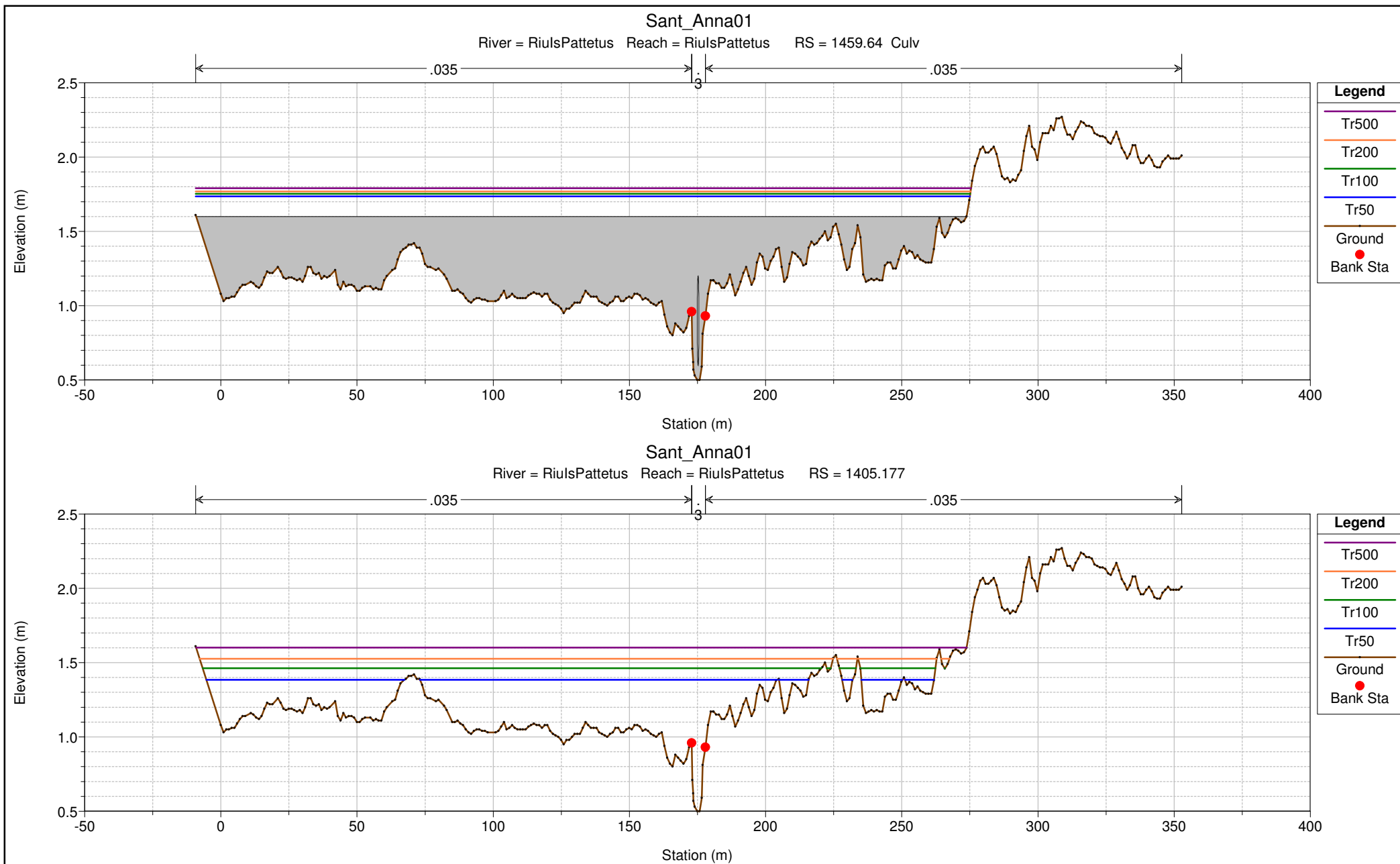


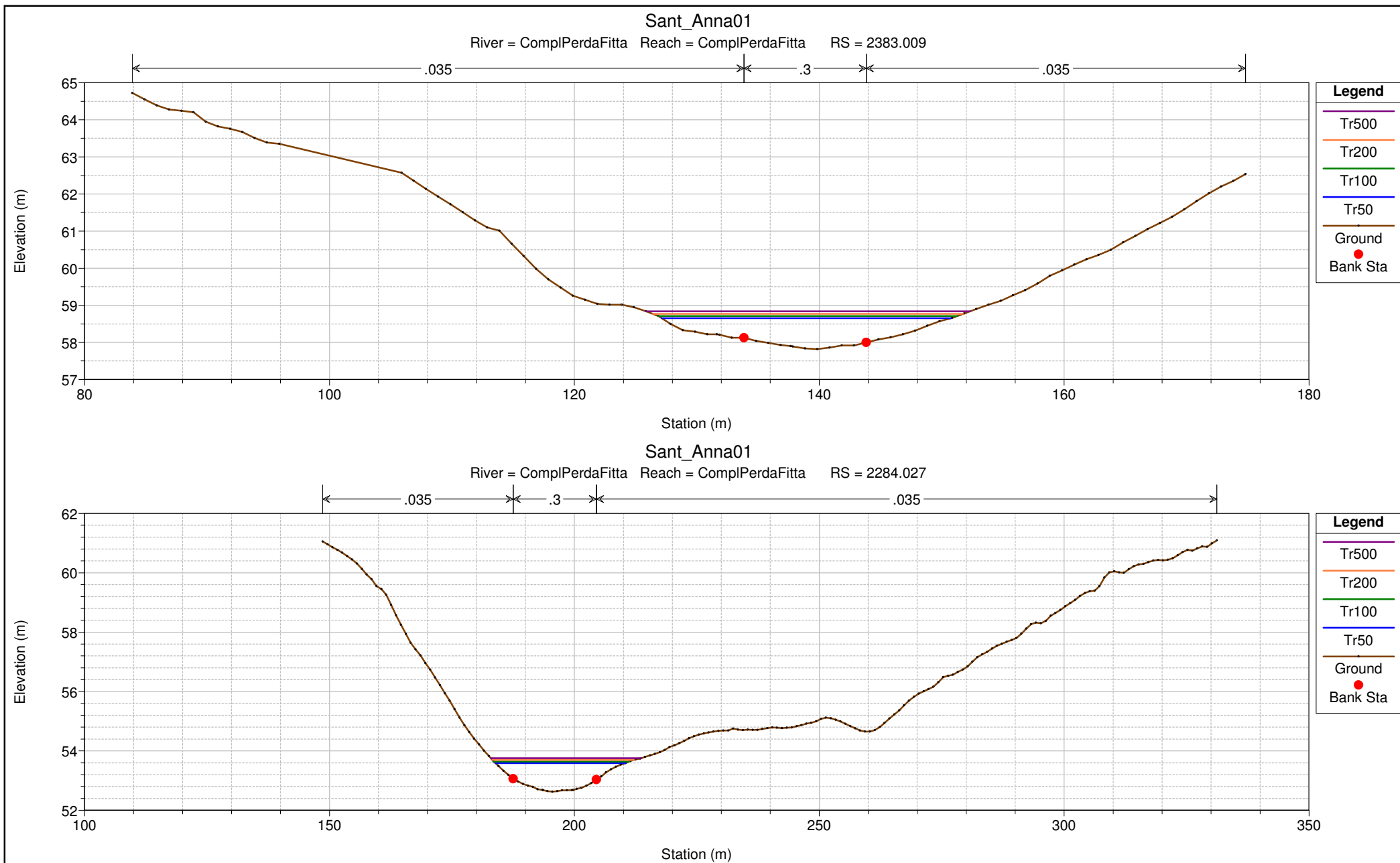


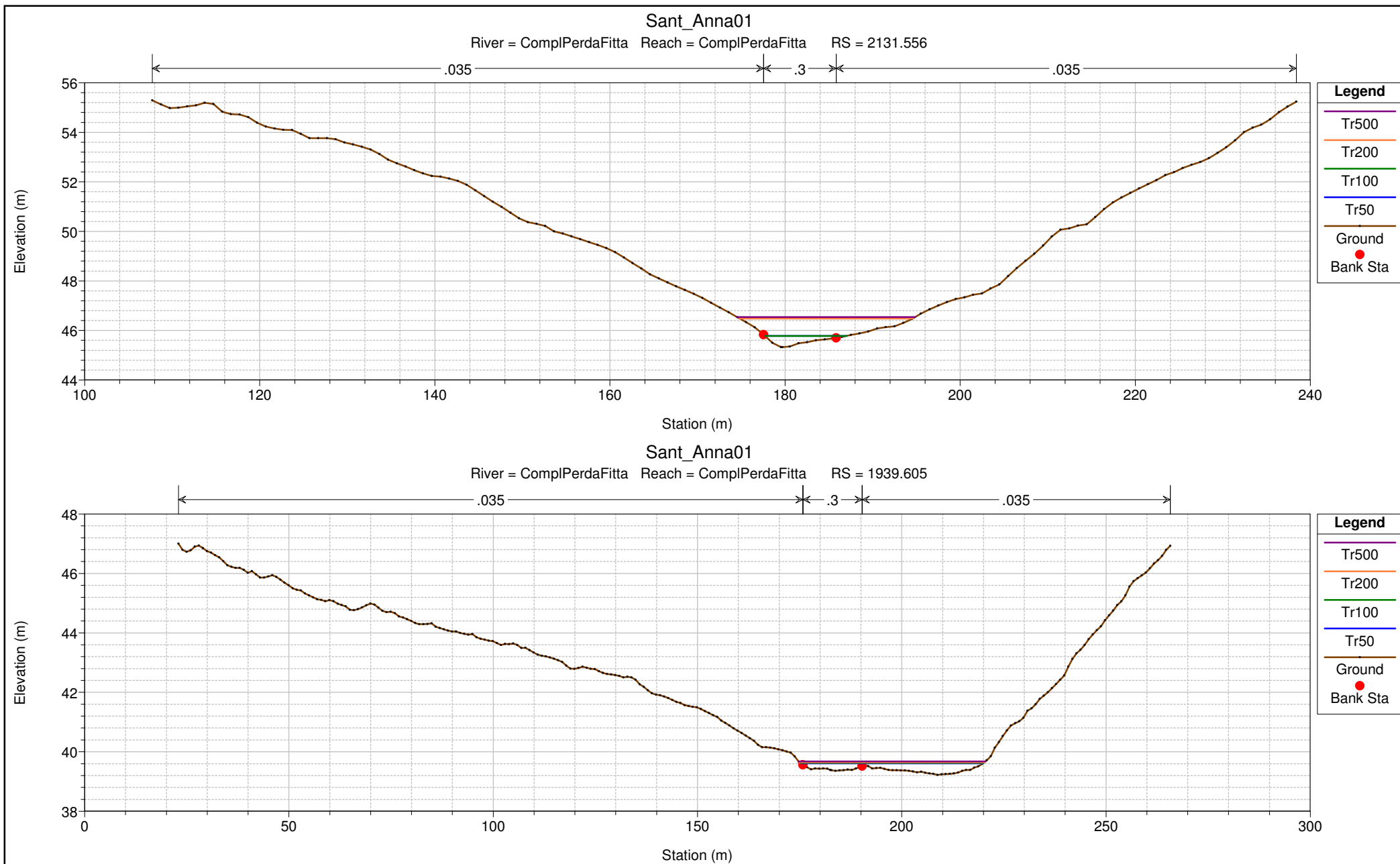


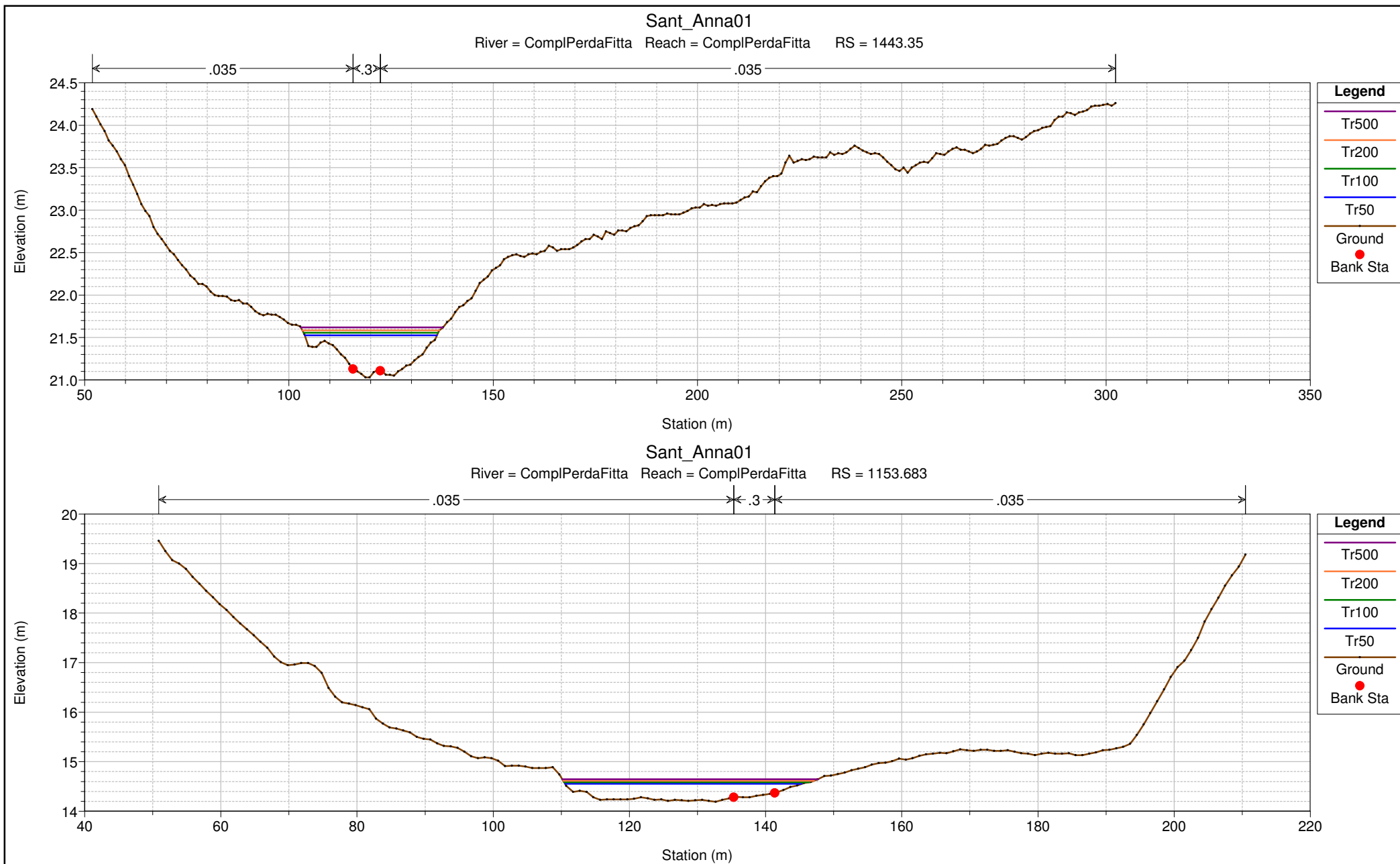


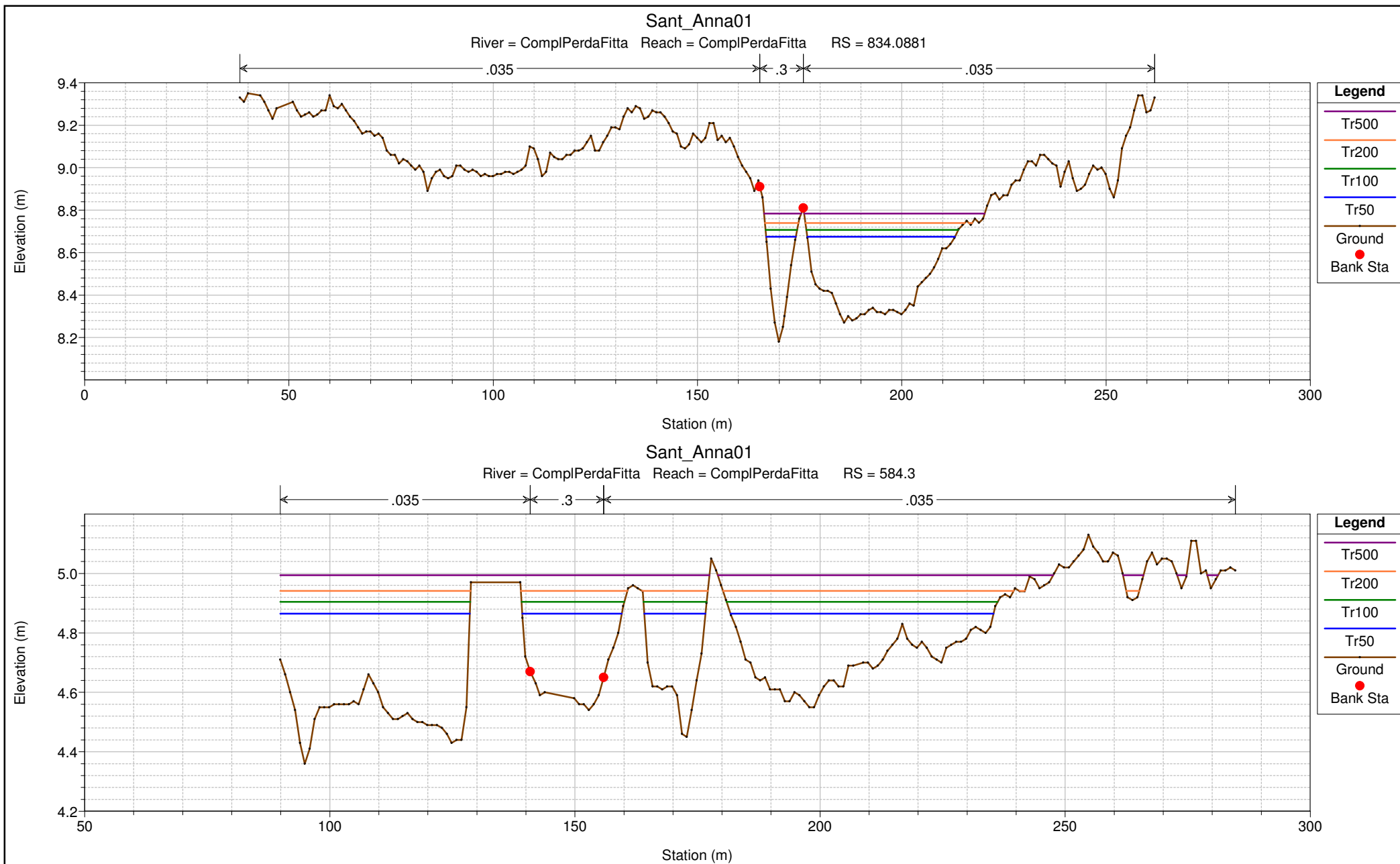


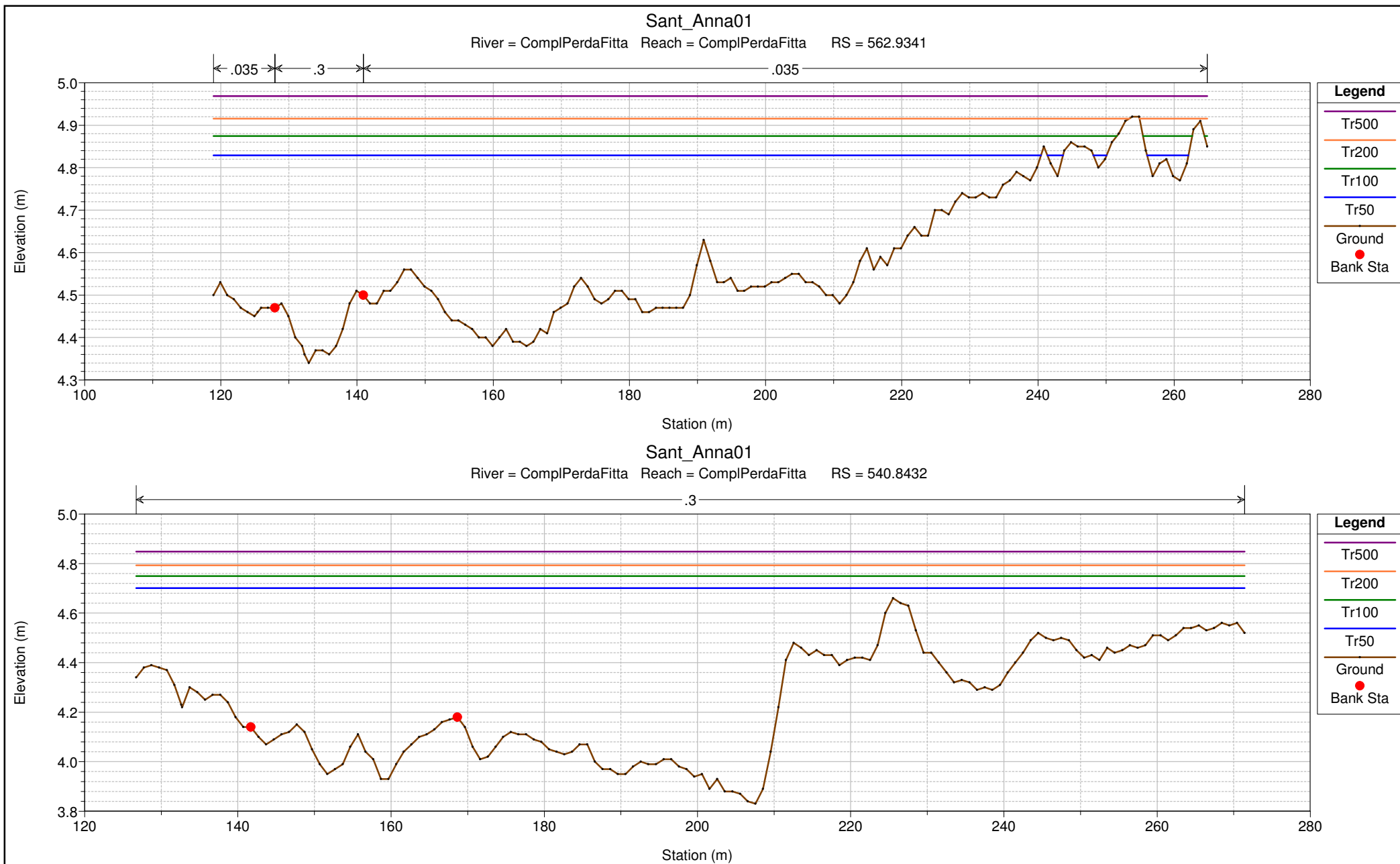


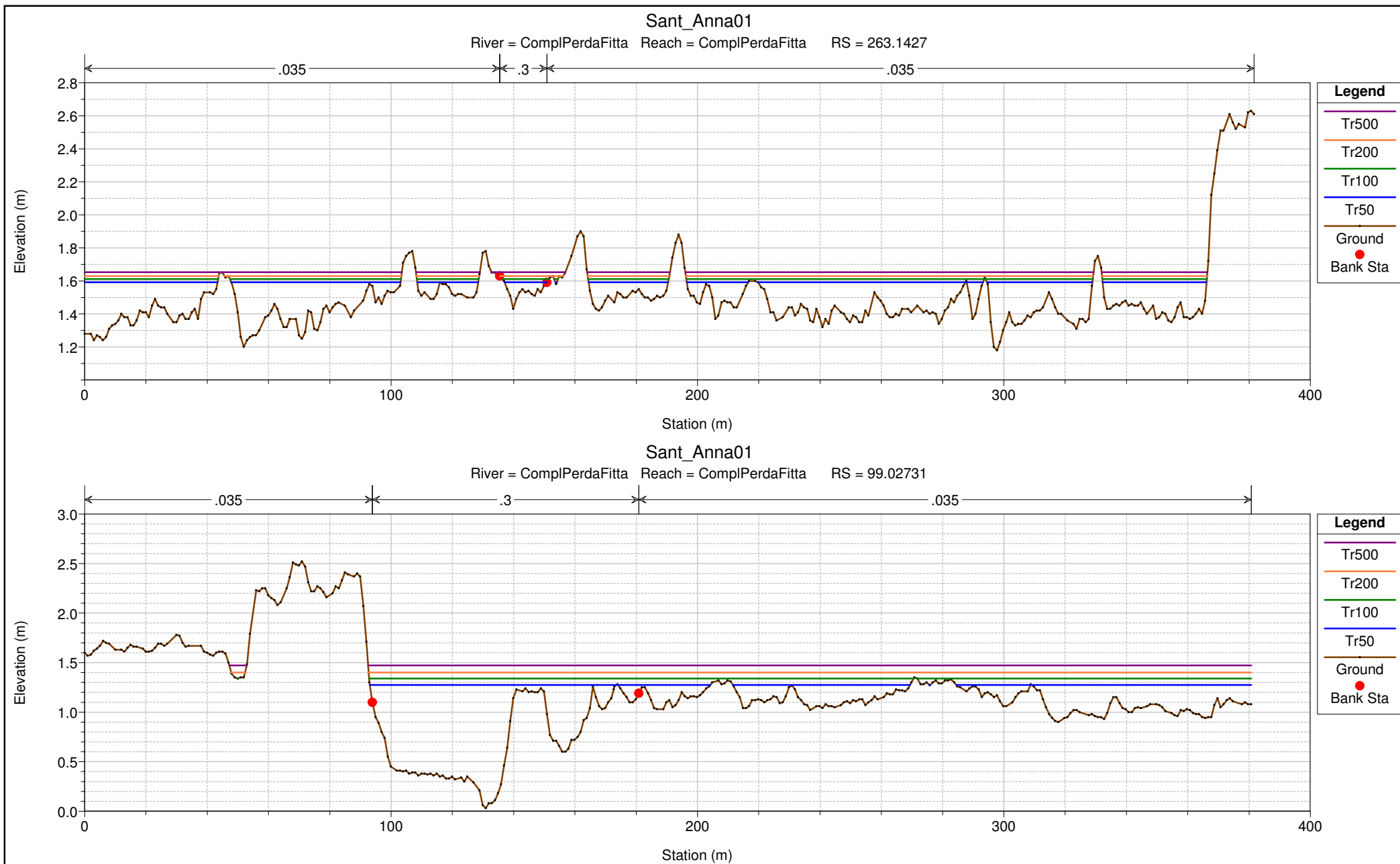


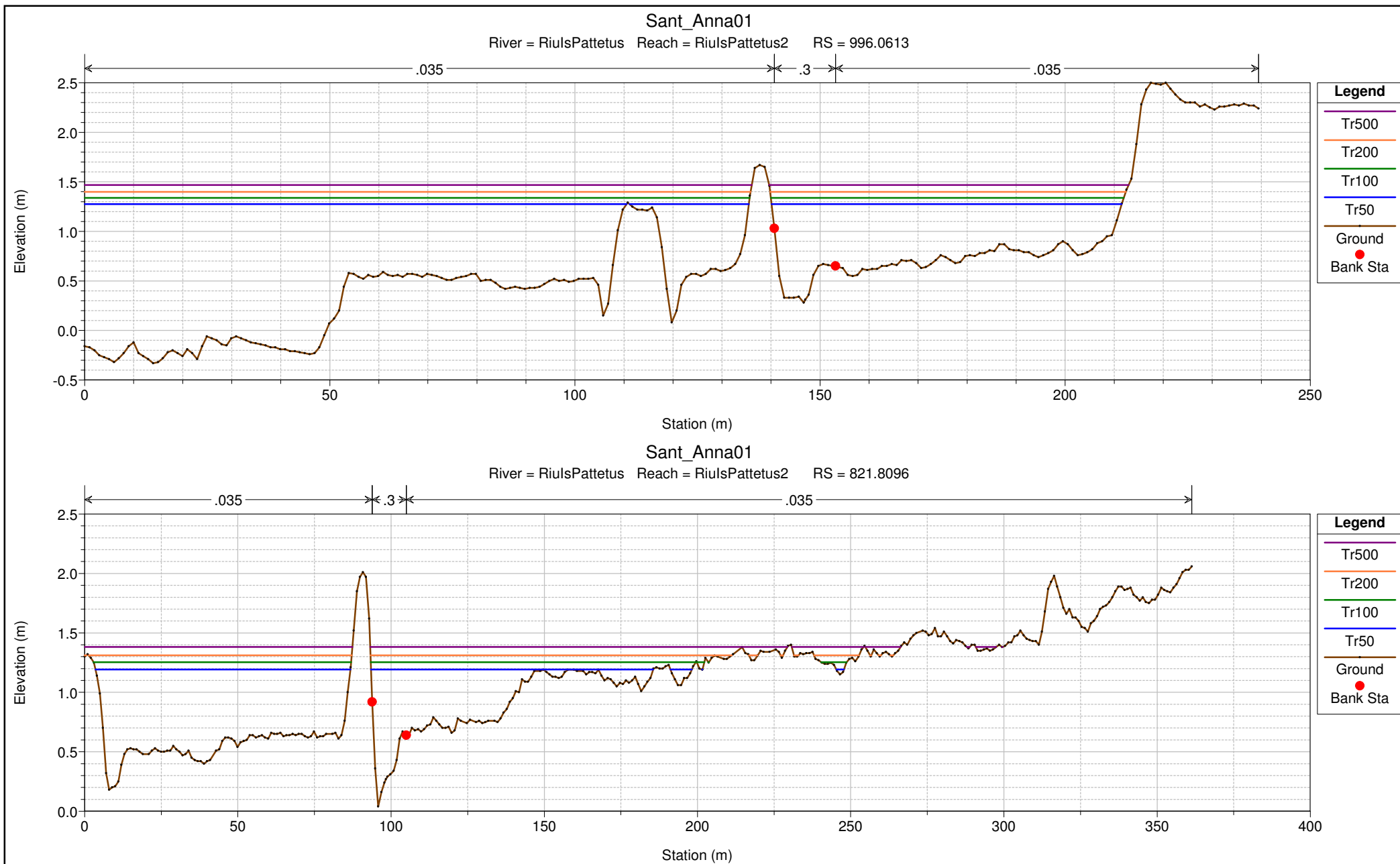


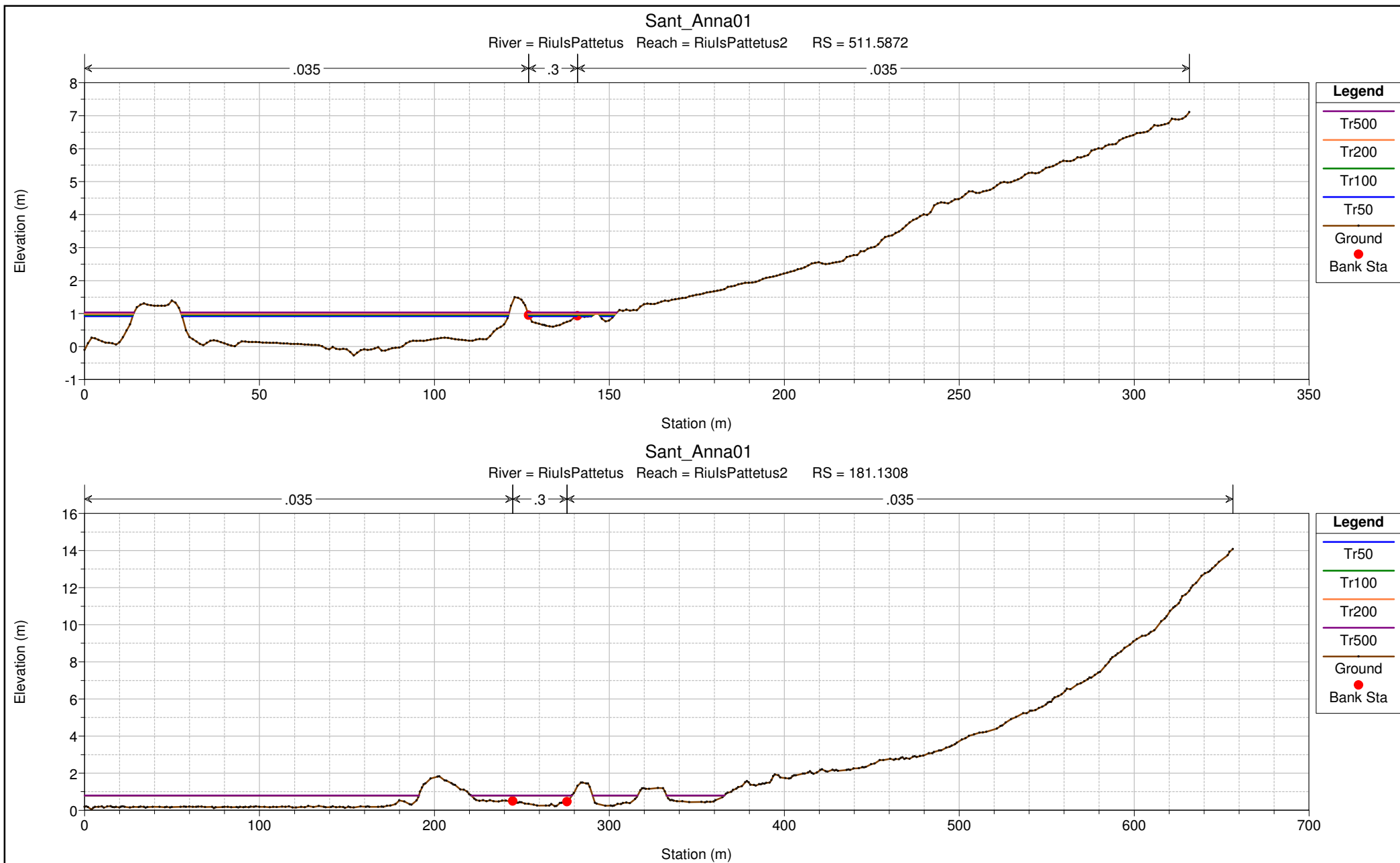


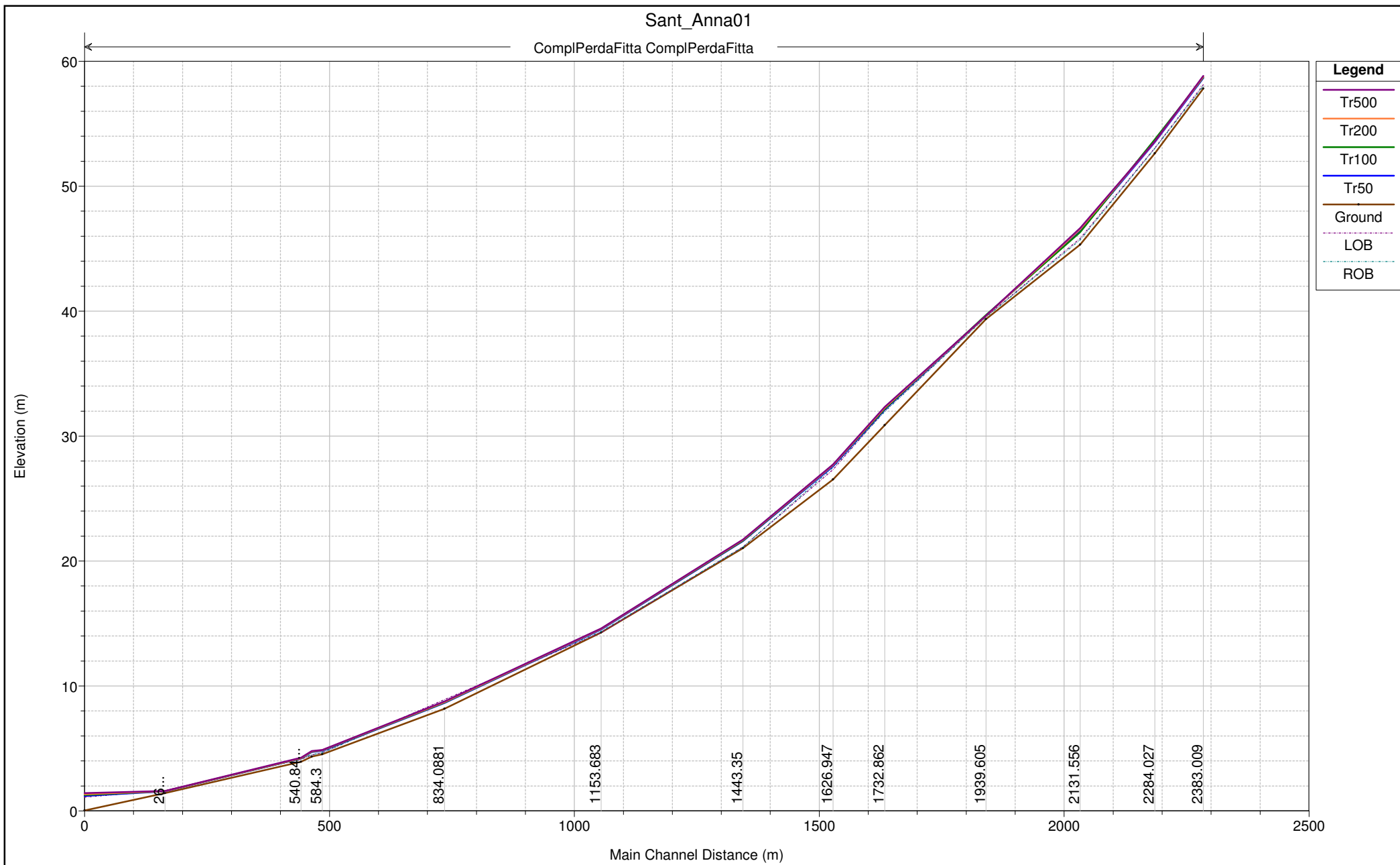


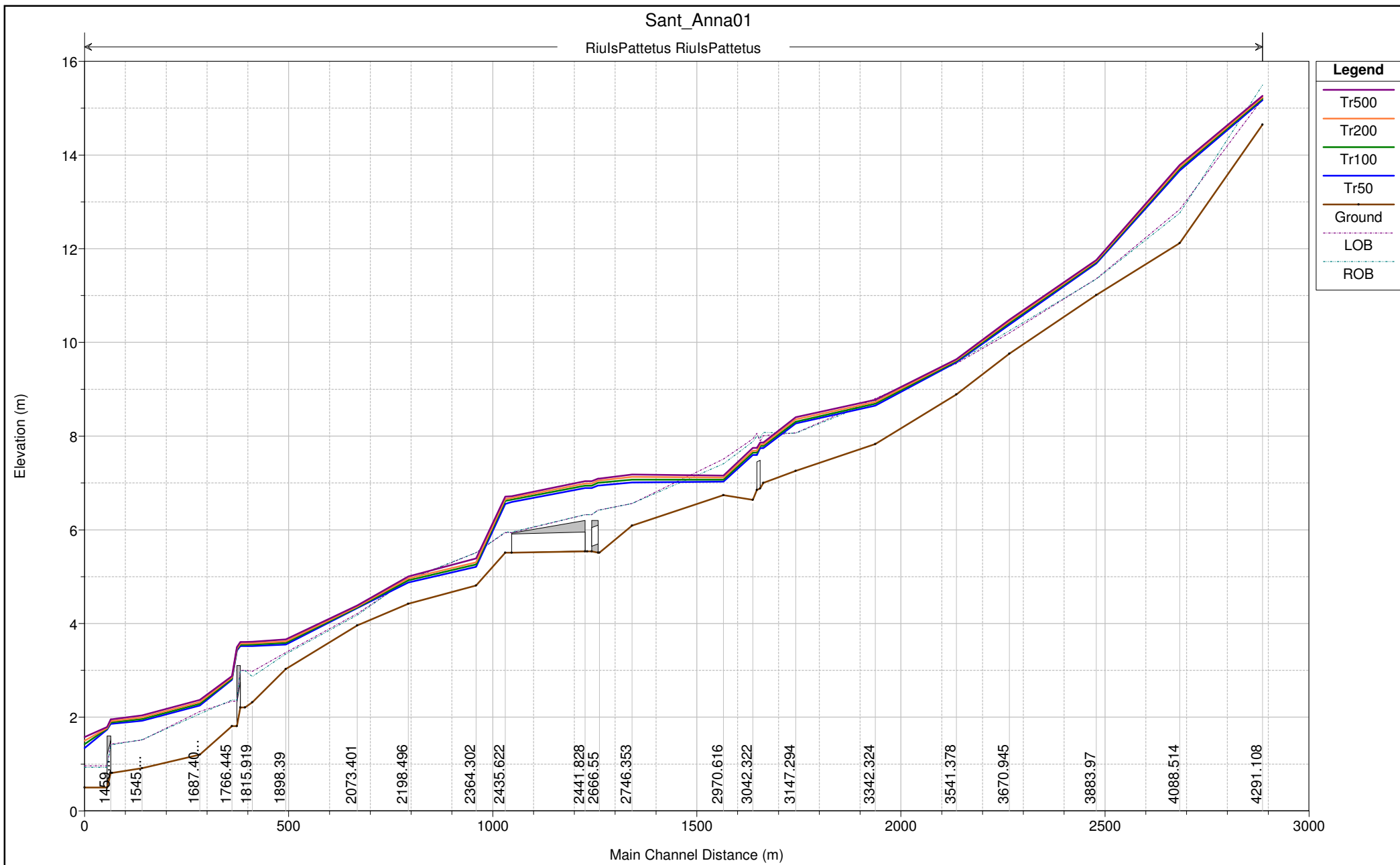


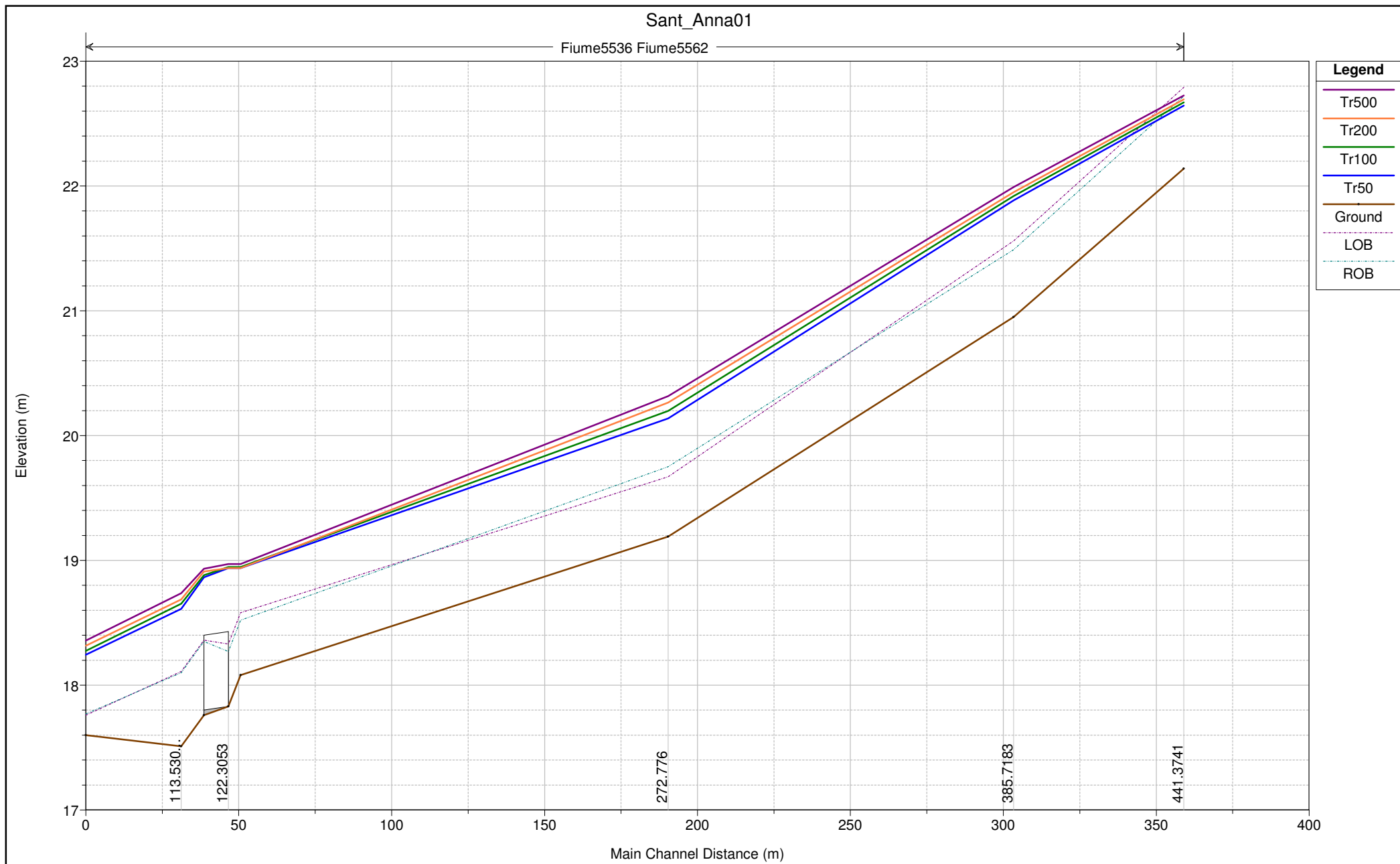


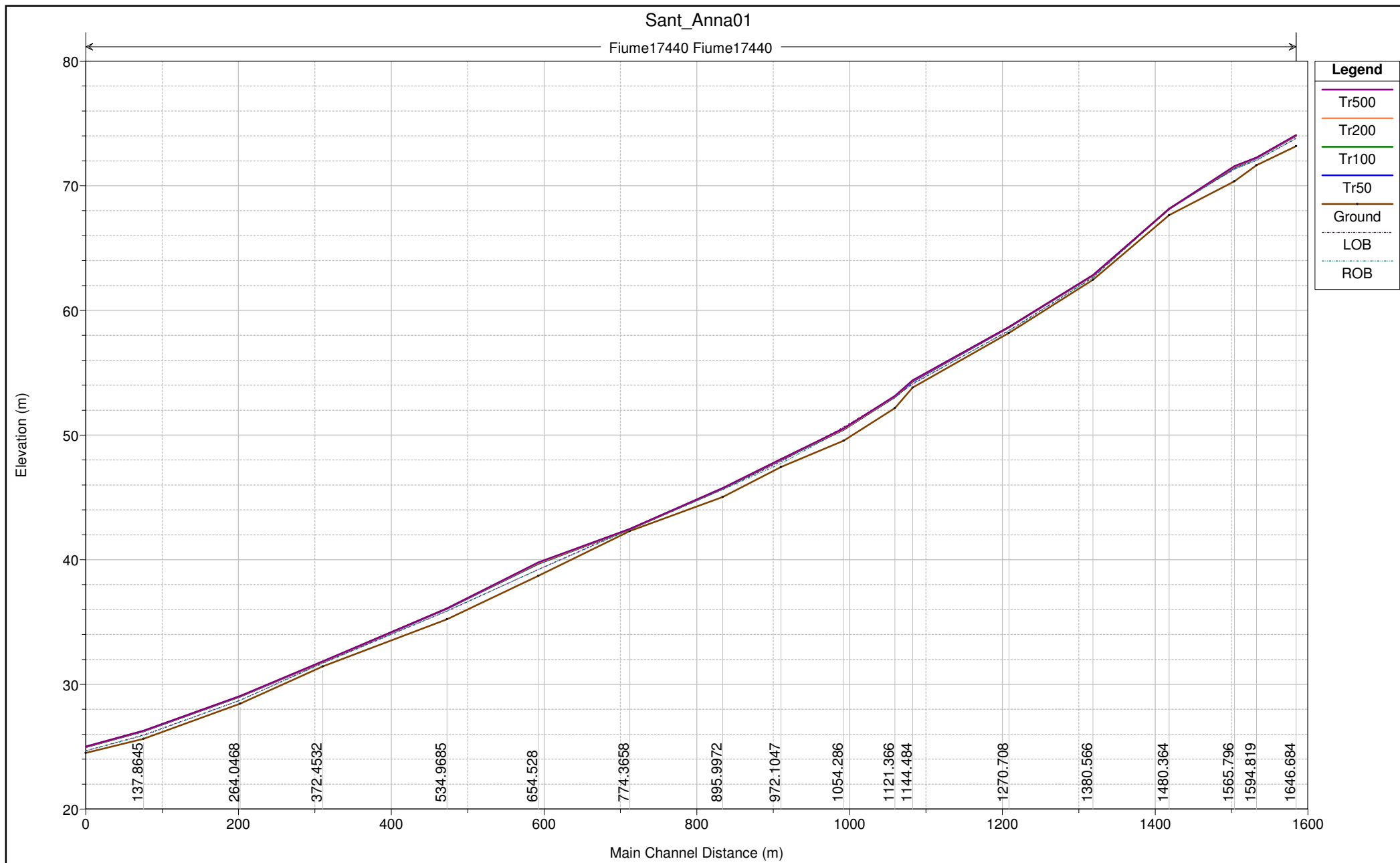


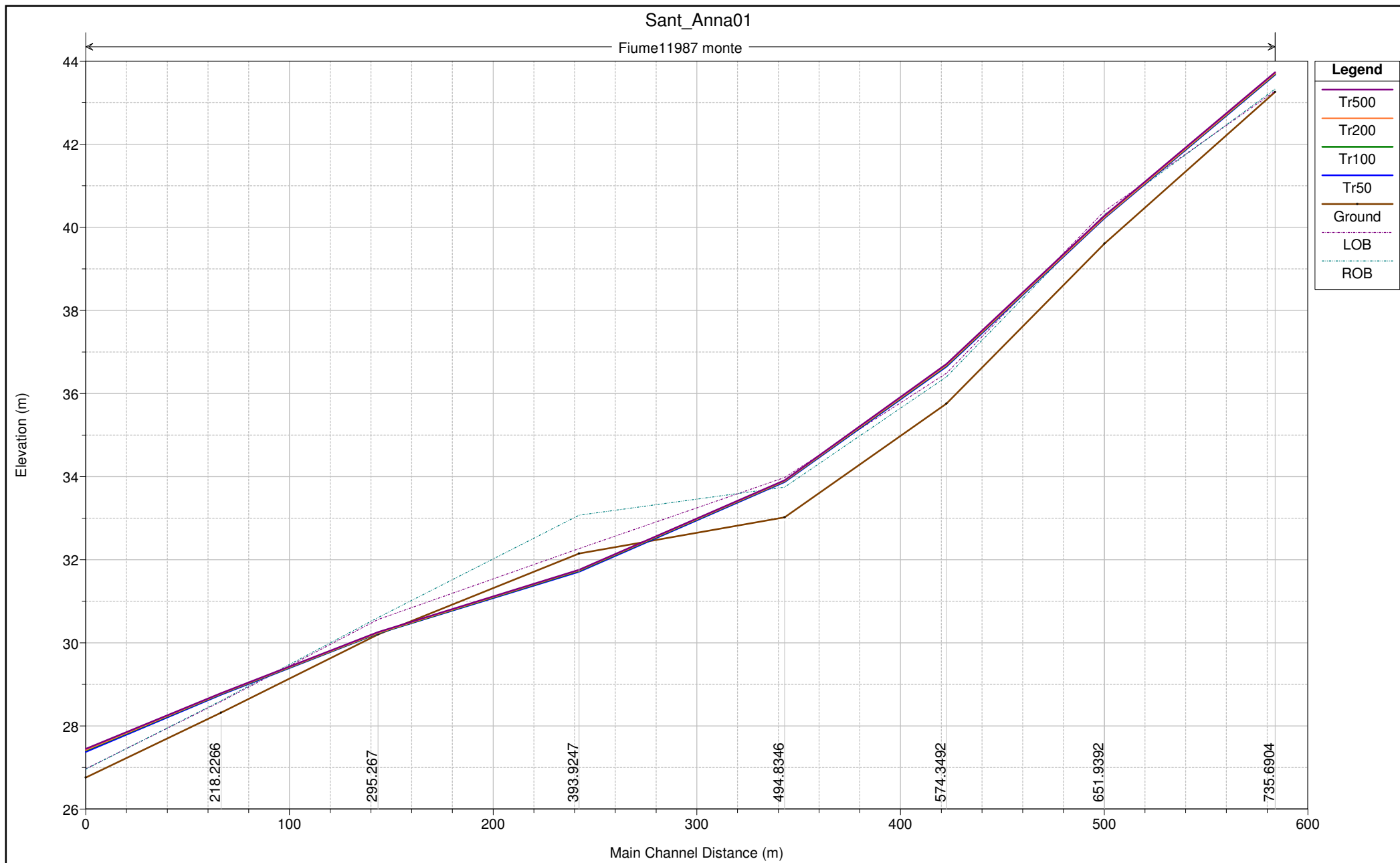


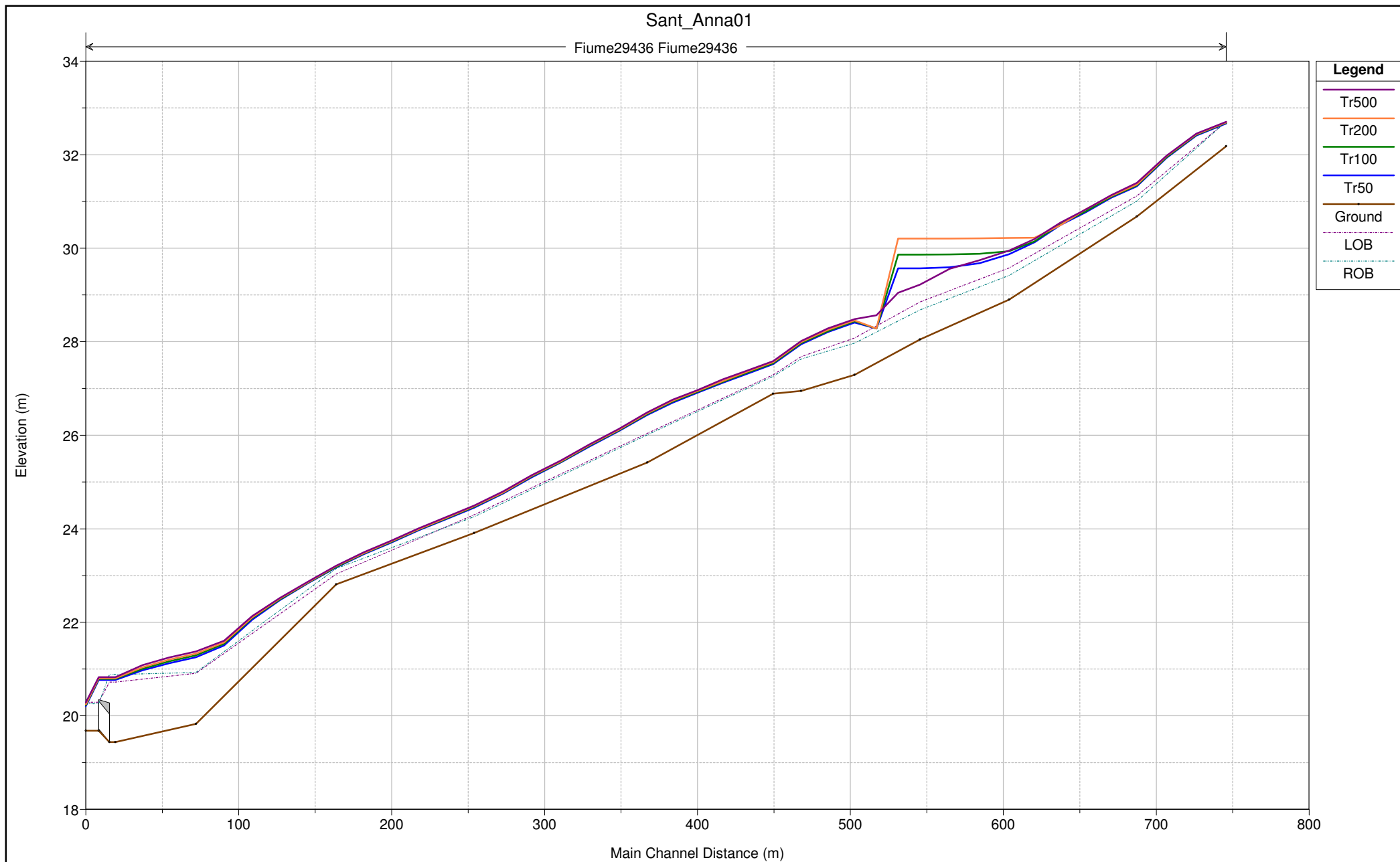


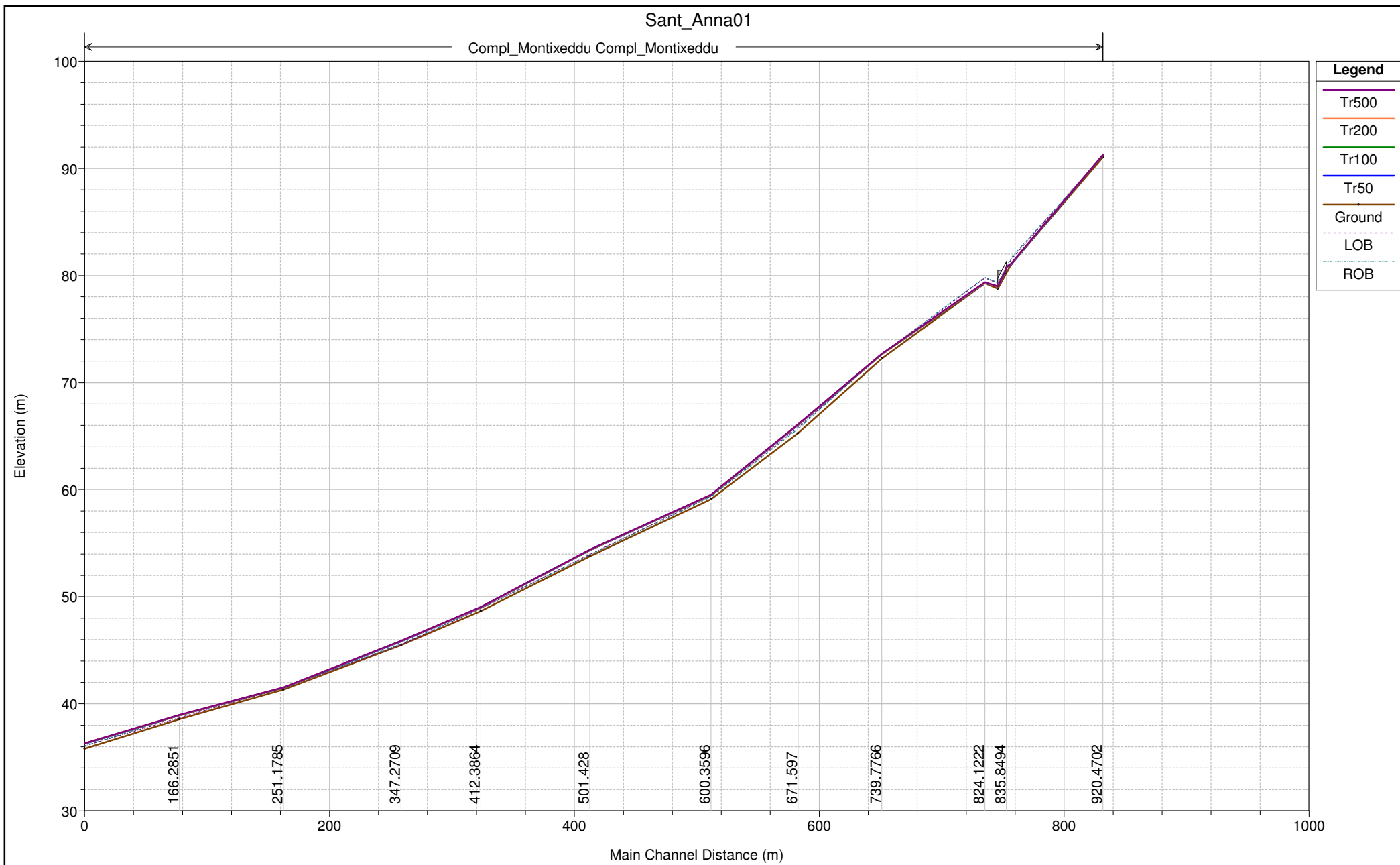


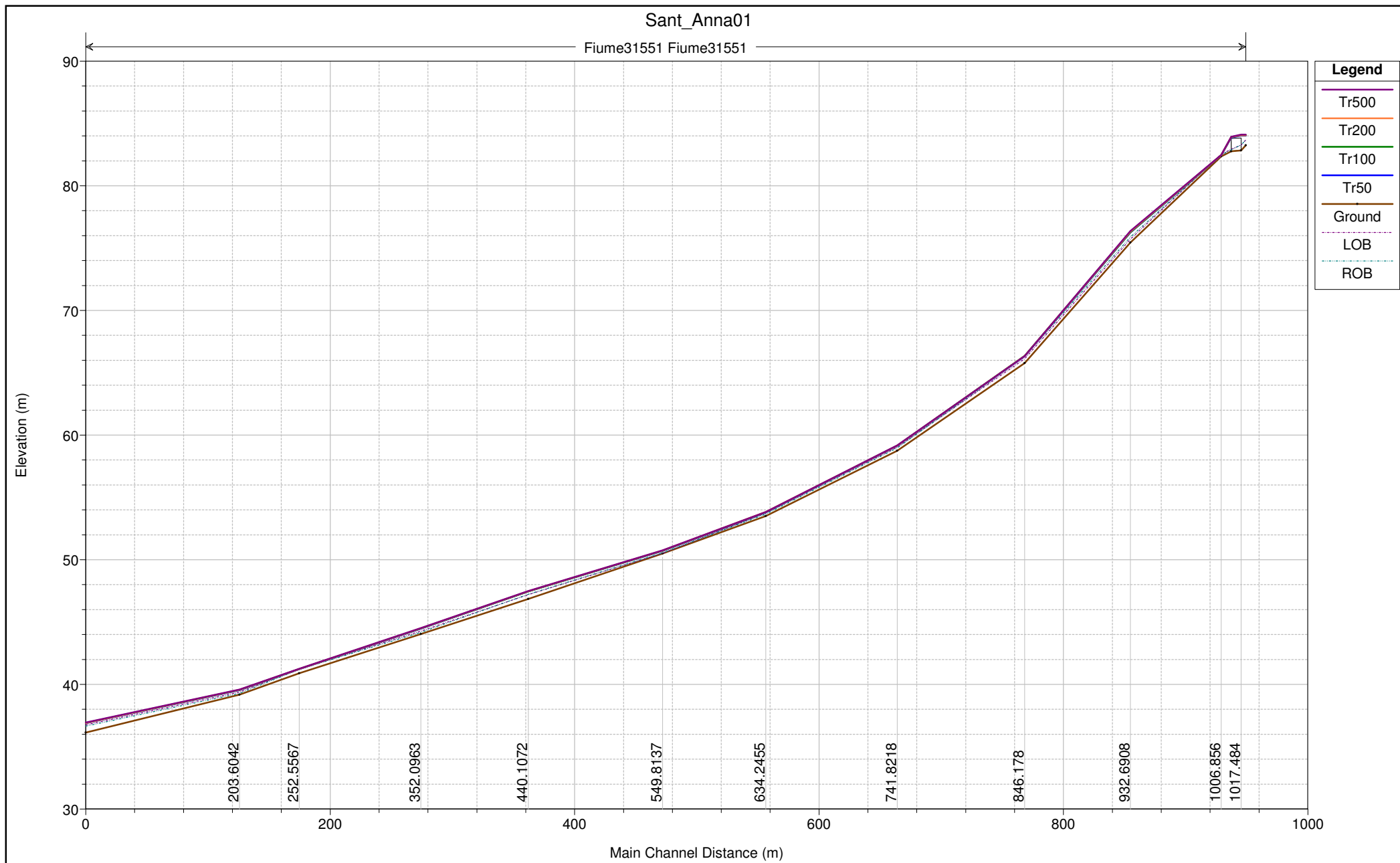


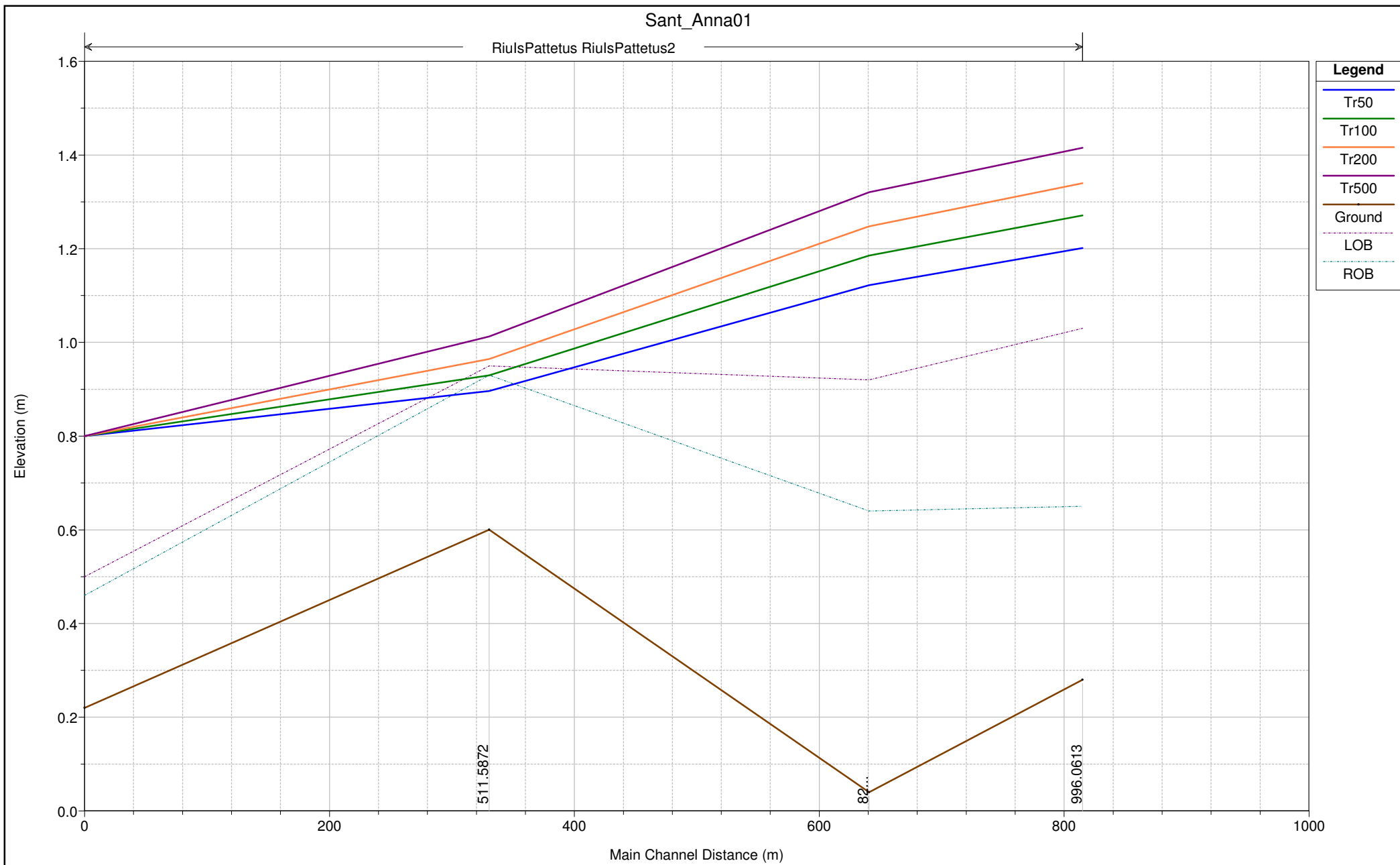












HEC-RAS Plan: Definitivo Locations: User Defined

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Fiume31551	Fiume31551	1027.149	Tr50	9.22	83.24	84.02	82.91	84.02	0.000015	0.01	99.54	130.98	0.00
Fiume31551	Fiume31551	1027.149	Tr100	10.23	83.24	84.05	82.92	84.05	0.000017	0.01	103.20	134.56	0.00
Fiume31551	Fiume31551	1027.149	Tr200	11.23	83.24	84.06	82.94	84.06	0.000020	0.01	104.96	135.81	0.00
Fiume31551	Fiume31551	1027.149	Tr500	12.57	83.24	84.10	82.95	84.10	0.000022	0.01	110.33	138.71	0.00
Fiume31551	Fiume31551	1017.484		Culvert									
Fiume31551	Fiume31551	1006.856	Tr50	9.22	82.36	82.44	82.44	82.52	0.023667	0.06	7.31	50.69	0.09
Fiume31551	Fiume31551	1006.856	Tr100	10.23	82.36	82.45	82.45	82.54	0.022046	0.07	8.08	52.08	0.10
Fiume31551	Fiume31551	1006.856	Tr200	11.23	82.36	82.46	82.46	82.56	0.020905	0.07	8.82	54.98	0.10
Fiume31551	Fiume31551	1006.856	Tr500	12.57	82.36	82.48	82.48	82.58	0.019504	0.08	9.84	58.24	0.10
Fiume31551	Fiume31551	932.6908	Tr50	9.22	75.44	76.11		76.22	0.115739	0.76	10.79	21.40	0.33
Fiume31551	Fiume31551	932.6908	Tr100	10.23	75.44	76.15		76.28	0.108255	0.77	11.62	21.71	0.32
Fiume31551	Fiume31551	932.6908	Tr200	11.23	75.44	76.18		76.32	0.107176	0.79	12.25	21.95	0.32
Fiume31551	Fiume31551	932.6908	Tr500	12.57	75.44	76.24		76.39	0.093632	0.78	13.48	22.40	0.30
Fiume31551	Fiume31551	846.178	Tr50	9.22	65.78	66.48		66.63	0.095877	0.69	9.94	23.43	0.30
Fiume31551	Fiume31551	846.178	Tr100	10.23	65.78	66.48	66.20	66.66	0.114769	0.76	10.01	23.51	0.33
Fiume31551	Fiume31551	846.178	Tr200	11.23	65.78	66.50	66.21	66.70	0.120582	0.79	10.36	23.90	0.34
Fiume31551	Fiume31551	846.178	Tr500	12.57	65.78	66.49	66.21	66.75	0.163307	0.91	10.16	23.68	0.39
Fiume31551	Fiume31551	741.8218	Tr50	9.22	58.74	59.14	59.14	59.23	0.025381	0.25	9.95	50.44	0.14
Fiume31551	Fiume31551	741.8218	Tr100	10.23	58.74	59.06	59.15	59.39	0.160733	0.51	6.03	42.37	0.33
Fiume31551	Fiume31551	741.8218	Tr200	11.23	58.74	59.07	59.17	59.40	0.154999	0.51	6.54	43.30	0.33
Fiume31551	Fiume31551	741.8218	Tr500	12.57	58.74	59.08	59.18	59.45	0.165973	0.54	6.82	43.69	0.34
Fiume31551	Fiume31551	634.2455	Tr50	9.22	53.51	53.85	53.89	54.01	0.036475	0.26	7.12	34.09	0.16
Fiume31551	Fiume31551	634.2455	Tr100	10.23	53.51	53.84	53.91	54.06	0.054842	0.32	6.72	33.83	0.20
Fiume31551	Fiume31551	634.2455	Tr200	11.23	53.51	53.85	53.93	54.09	0.054186	0.32	7.11	34.09	0.20
Fiume31551	Fiume31551	634.2455	Tr500	12.57	53.51	53.88	53.95	54.11	0.046357	0.32	7.98	36.88	0.19
Fiume31551	Fiume31551	549.8137	Tr50	9.22	50.49	50.72	50.69	50.79	0.012225	0.12	9.15	44.50	0.09
Fiume31551	Fiume31551	549.8137	Tr100	10.23	50.49	50.74	50.70	50.81	0.011940	0.13	9.87	44.96	0.09
Fiume31551	Fiume31551	549.8137	Tr200	11.23	50.49	50.75	50.72	50.83	0.011562	0.13	10.60	45.34	0.09
Fiume31551	Fiume31551	549.8137	Tr500	12.57	50.49	50.77	50.73	50.85	0.011427	0.14	11.45	45.76	0.09
Fiume31551	Fiume31551	440.1072	Tr50	9.22	46.85	47.51	47.26	47.66	0.038421	0.41	9.36	27.47	0.19
Fiume31551	Fiume31551	440.1072	Tr100	10.23	46.85	47.26	47.26	47.82	4.999066	3.01	3.26	18.84	1.89

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Fiume31551	Fiume31551	440.1072	Tr200	11.23	46.85	47.26	47.26	47.94	6.045099	3.31	3.25	18.83	2.08
Fiume31551	Fiume31551	440.1072	Tr500	12.57	46.85	47.27	47.27	48.12	5.919425	3.37	3.46	19.78	2.08
Fiume31551	Fiume31551	352.0963	Tr50	9.22	44.03	44.41	44.46	44.62	0.047760	0.30	5.72	27.22	0.19
Fiume31551	Fiume31551	352.0963	Tr100	10.23	44.03	44.44	44.48	44.64	0.036256	0.28	6.61	27.74	0.16
Fiume31551	Fiume31551	352.0963	Tr200	11.23	44.03	44.45	44.50	44.66	0.036228	0.29	6.99	27.90	0.17
Fiume31551	Fiume31551	352.0963	Tr500	12.57	44.03	44.47	44.52	44.70	0.036025	0.30	7.49	28.11	0.17
Fiume31551	Fiume31551	252.5567	Tr50	9.22	40.89	41.26	41.28	41.40	0.027003	0.22	7.71	33.91	0.14
Fiume31551	Fiume31551	252.5567	Tr100	10.23	40.89	41.27	41.30	41.43	0.030796	0.24	7.88	33.96	0.15
Fiume31551	Fiume31551	252.5567	Tr200	11.23	40.89	41.28	41.31	41.45	0.030939	0.25	8.31	34.08	0.15
Fiume31551	Fiume31551	252.5567	Tr500	12.57	40.89	41.30	41.33	41.49	0.031083	0.26	8.87	34.24	0.15
Fiume31551	Fiume31551	203.6042	Tr50	9.22	39.17	39.51	39.48	39.57	0.014516	0.16	11.00	54.09	0.10
Fiume31551	Fiume31551	203.6042	Tr100	10.23	39.17	39.52	39.50	39.59	0.014488	0.16	11.71	54.38	0.10
Fiume31551	Fiume31551	203.6042	Tr200	11.23	39.17	39.53	39.51	39.61	0.014862	0.17	12.28	54.62	0.10
Fiume31551	Fiume31551	203.6042	Tr500	12.57	39.17	39.55	39.53	39.63	0.014997	0.18	13.24	58.11	0.11
Fiume31551	Fiume31551	77.90212	Tr50	9.22	36.14	36.89	36.89	36.98	0.031649	0.32	8.89	44.74	0.16
Fiume31551	Fiume31551	77.90212	Tr100	10.23	36.14	36.90	36.90	37.00	0.030606	0.33	9.47	45.03	0.16
Fiume31551	Fiume31551	77.90212	Tr200	11.23	36.14	36.92	36.92	37.02	0.028608	0.32	10.12	45.37	0.16
Fiume31551	Fiume31551	77.90212	Tr500	12.57	36.14	36.94	36.94	37.05	0.026213	0.32	11.00	45.82	0.15
Compl_Montixeddu	Compl_Montixeddu	920.4702	Tr50	10.67	91.04	91.23	91.23	91.29	0.023785	0.12	11.57	98.19	0.11
Compl_Montixeddu	Compl_Montixeddu	920.4702	Tr100	11.92	91.04	91.24	91.24	91.31	0.023297	0.13	12.51	98.93	0.12
Compl_Montixeddu	Compl_Montixeddu	920.4702	Tr200	13.16	91.04	91.25	91.25	91.32	0.022852	0.13	13.42	99.64	0.12
Compl_Montixeddu	Compl_Montixeddu	920.4702	Tr500	14.83	91.04	91.27	91.26	91.34	0.020760	0.14	14.94	100.82	0.11
Compl_Montixeddu	Compl_Montixeddu	845.5534	Tr50	10.67	81.04	81.21	81.41	82.23	0.107783	0.23	3.13	18.48	0.24
Compl_Montixeddu	Compl_Montixeddu	845.5534	Tr100	11.92	81.04	81.24	81.43	82.20	0.105287	0.26	3.70	22.10	0.24
Compl_Montixeddu	Compl_Montixeddu	845.5534	Tr200	13.16	81.04	81.27	81.46	82.17	0.103957	0.29	4.25	24.96	0.25
Compl_Montixeddu	Compl_Montixeddu	845.5534	Tr500	14.83	81.04	81.29	81.49	82.14	0.102953	0.31	4.95	28.27	0.25
Compl_Montixeddu	Compl_Montixeddu	835.8494		Culvert									
Compl_Montixeddu	Compl_Montixeddu	824.1222	Tr50	10.67	79.28	79.28	79.28	79.44	0.018699	0.01	6.13	20.49	0.05
Compl_Montixeddu	Compl_Montixeddu	824.1222	Tr100	11.92	79.28	79.31	79.31	79.47	0.018311	0.03	6.67	21.74	0.07
Compl_Montixeddu	Compl_Montixeddu	824.1222	Tr200	13.16	79.28	79.33	79.33	79.50	0.017888	0.04	7.23	22.91	0.08
Compl_Montixeddu	Compl_Montixeddu	824.1222	Tr500	14.83	79.28	79.36	79.36	79.55	0.017466	0.06	7.97	24.05	0.08

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Compl_Montixeddu	Compl_Montixeddu	739.7766	Tr50	10.67	72.23	72.89	72.89	73.07	0.038794	0.42	10.73	28.24	0.19
Compl_Montixeddu	Compl_Montixeddu	739.7766	Tr100	11.92	72.23	72.92	72.92	73.11	0.034727	0.42	11.64	28.66	0.18
Compl_Montixeddu	Compl_Montixeddu	739.7766	Tr200	13.16	72.23	72.95	72.95	73.15	0.031662	0.41	12.52	29.09	0.17
Compl_Montixeddu	Compl_Montixeddu	739.7766	Tr500	14.83	72.23	72.99	72.99	73.20	0.029665	0.42	13.52	29.51	0.17
Compl_Montixeddu	Compl_Montixeddu	671.597	Tr50	10.67	65.28	65.96	66.05	66.29	0.059397	0.49	7.94	22.07	0.23
Compl_Montixeddu	Compl_Montixeddu	671.597	Tr100	11.92	65.28	65.98	66.09	66.34	0.059983	0.50	8.42	22.47	0.23
Compl_Montixeddu	Compl_Montixeddu	671.597	Tr200	13.16	65.28	66.00	66.12	66.39	0.061281	0.52	8.85	22.81	0.23
Compl_Montixeddu	Compl_Montixeddu	671.597	Tr500	14.83	65.28	66.02	66.15	66.46	0.063693	0.55	9.36	23.21	0.24
Compl_Montixeddu	Compl_Montixeddu	600.3596	Tr50	10.67	59.10	59.58	59.71	59.98	0.098805	0.53	5.75	26.39	0.28
Compl_Montixeddu	Compl_Montixeddu	600.3596	Tr100	11.92	59.10	59.59	59.73	60.03	0.099571	0.54	6.12	26.76	0.28
Compl_Montixeddu	Compl_Montixeddu	600.3596	Tr200	13.16	59.10	59.61	59.75	60.07	0.100139	0.56	6.47	27.10	0.29
Compl_Montixeddu	Compl_Montixeddu	600.3596	Tr500	14.83	59.10	59.62	59.78	60.13	0.100909	0.58	6.92	27.54	0.29
Compl_Montixeddu	Compl_Montixeddu	501.428	Tr50	10.67	53.78	54.28	54.33	54.48	0.046442	0.41	7.67	29.24	0.20
Compl_Montixeddu	Compl_Montixeddu	501.428	Tr100	11.92	53.78	54.29	54.35	54.52	0.046769	0.42	8.14	29.67	0.20
Compl_Montixeddu	Compl_Montixeddu	501.428	Tr200	13.16	53.78	54.31	54.37	54.55	0.047455	0.43	8.57	30.05	0.20
Compl_Montixeddu	Compl_Montixeddu	501.428	Tr500	14.83	53.78	54.33	54.40	54.59	0.048409	0.45	9.11	30.54	0.21
Compl_Montixeddu	Compl_Montixeddu	412.3864	Tr50	10.67	48.66	49.07	49.11	49.22	0.067861	0.38	8.30	58.82	0.23
Compl_Montixeddu	Compl_Montixeddu	412.3864	Tr100	11.92	48.66	49.08	49.13	49.24	0.068540	0.39	8.85	60.21	0.23
Compl_Montixeddu	Compl_Montixeddu	412.3864	Tr200	13.16	48.66	49.09	49.14	49.26	0.067954	0.40	9.43	61.72	0.23
Compl_Montixeddu	Compl_Montixeddu	412.3864	Tr500	14.83	48.66	49.10	49.16	49.28	0.068371	0.41	10.12	63.30	0.23
Compl_Montixeddu	Compl_Montixeddu	347.2709	Tr50	10.67	45.47	45.76	45.84	45.99	0.056934	0.32	6.87	35.16	0.20
Compl_Montixeddu	Compl_Montixeddu	347.2709	Tr100	11.92	45.47	45.77	45.86	46.02	0.055613	0.33	7.39	35.49	0.20
Compl_Montixeddu	Compl_Montixeddu	347.2709	Tr200	13.16	45.47	45.79	45.89	46.05	0.053850	0.34	7.91	37.78	0.20
Compl_Montixeddu	Compl_Montixeddu	347.2709	Tr500	14.83	45.47	45.80	45.91	46.08	0.052372	0.35	8.61	40.38	0.20
Compl_Montixeddu	Compl_Montixeddu	251.1785	Tr50	10.67	41.32	41.59	41.59	41.67	0.021225	0.18	11.23	70.37	0.12
Compl_Montixeddu	Compl_Montixeddu	251.1785	Tr100	11.92	41.32	41.62	41.61	41.69	0.017215	0.17	12.87	72.56	0.11
Compl_Montixeddu	Compl_Montixeddu	251.1785	Tr200	13.16	41.32	41.64	41.62	41.71	0.014965	0.17	14.26	72.92	0.10
Compl_Montixeddu	Compl_Montixeddu	251.1785	Tr500	14.83	41.32	41.59	41.63	41.74	0.040315	0.25	11.29	70.64	0.17
Compl_Montixeddu	Compl_Montixeddu	166.2851	Tr50	10.67	38.55	38.90	38.91	39.02	0.025932	0.20	9.42	46.59	0.13
Compl_Montixeddu	Compl_Montixeddu	166.2851	Tr100	11.92	38.55	38.91	38.93	39.04	0.026743	0.21	10.01	47.54	0.14
Compl_Montixeddu	Compl_Montixeddu	166.2851	Tr200	13.16	38.55	38.91	38.94	39.07	0.031663	0.23	10.10	47.80	0.15

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Compl_Montixeddu	Compl_Montixeddu	166.2851	Tr500	14.83	38.55	38.95	38.96	39.09	0.025815	0.22	11.66	48.85	0.14
Compl_Montixeddu	Compl_Montixeddu	88.8281	Tr50	10.67	35.81	36.32	36.36	36.46	0.025735	0.29	8.93	43.75	0.15
Compl_Montixeddu	Compl_Montixeddu	88.8281	Tr100	11.92	35.81	36.31	36.38	36.50	0.035421	0.34	8.63	42.68	0.17
Compl_Montixeddu	Compl_Montixeddu	88.8281	Tr200	13.16	35.81	36.32	36.39	36.53	0.037663	0.35	9.05	44.17	0.18
Compl_Montixeddu	Compl_Montixeddu	88.8281	Tr500	14.83	35.81	36.35	36.42	36.55	0.034836	0.35	10.31	47.61	0.17
Fiume29436	Fiume29436	873.7761	Tr50	19.88	32.18	32.67	32.95	36.13	2.704930	1.93	3.61	30.18	1.34
Fiume29436	Fiume29436	873.7761	Tr100	22.14	32.18	32.68	32.97	36.17	2.288621	1.78	3.99	31.75	1.24
Fiume29436	Fiume29436	873.7761	Tr200	24.38	32.18	32.69	33.00	36.20	2.039987	1.70	4.35	33.67	1.17
Fiume29436	Fiume29436	873.7761	Tr500	27.40	32.18	32.70	33.03	36.22	1.949578	1.67	4.80	35.32	1.15
Fiume29436	Fiume29436	815.4104	Tr50	19.88	30.68	31.32	31.39	31.55	0.032517	0.37	13.37	48.11	0.17
Fiume29436	Fiume29436	815.4104	Tr100	22.14	30.68	31.34	31.41	31.59	0.031649	0.37	14.40	49.20	0.17
Fiume29436	Fiume29436	815.4104	Tr200	24.38	30.68	31.36	31.44	31.62	0.031861	0.38	15.32	51.96	0.17
Fiume29436	Fiume29436	815.4104	Tr500	27.40	30.68	31.40	31.46	31.65	0.028217	0.38	17.06	52.69	0.16
Fiume29436	Fiume29436	731.8622	Tr50	19.88	28.90	29.87	29.79	29.96	0.010334	0.28	19.13	54.05	0.10
Fiume29436	Fiume29436	731.8622	Tr100	22.14	28.90	29.93	29.82	30.01	0.007245	0.25	22.67	56.76	0.09
Fiume29436	Fiume29436	731.8622	Tr200	24.38	28.90	30.22		30.24	0.001584	0.14	42.01	83.04	0.04
Fiume29436	Fiume29436	731.8622	Tr500	27.40	28.90	29.95	29.87	30.05	0.009976	0.29	23.44	57.59	0.10
Fiume29436	Fiume29436	673.5373	Tr50	19.88	28.05	29.57		29.58	0.000990	0.11	57.40	104.22	0.03
Fiume29436	Fiume29436	673.5373	Tr100	22.14	28.05	29.86		29.87	0.000257	0.07	93.06	135.93	0.02
Fiume29436	Fiume29436	673.5373	Tr200	24.38	28.05	30.21		30.21	0.000074	0.04	141.50	144.44	0.01
Fiume29436	Fiume29436	673.5373	Tr500	27.40	28.05	29.22		29.34	0.027176	0.46	27.49	68.51	0.17
Fiume29436	Fiume29436	630.7748	Tr50	19.88	27.29	28.41	28.31	28.47	0.007330	0.22	22.27	59.55	0.08
Fiume29436	Fiume29436	630.7748	Tr100	22.14	27.29	28.44	28.33	28.51	0.007086	0.22	23.86	59.86	0.08
Fiume29436	Fiume29436	630.7748	Tr200	24.38	27.29	28.46	28.35	28.53	0.007146	0.23	25.12	60.08	0.08
Fiume29436	Fiume29436	630.7748	Tr500	27.40	27.29	28.48		28.57	0.007177	0.23	26.78	60.35	0.09
Fiume29436	Fiume29436	595.8654	Tr50	19.88	26.95	27.95	27.95	28.09	0.025274	0.39	15.97	55.11	0.16
Fiume29436	Fiume29436	595.8654	Tr100	22.14	26.95	27.97	27.97	28.11	0.023445	0.38	17.27	56.09	0.15
Fiume29436	Fiume29436	595.8654	Tr200	24.38	26.95	27.99	27.99	28.14	0.022837	0.38	18.34	56.94	0.15
Fiume29436	Fiume29436	595.8654	Tr500	27.40	26.95	28.02	28.02	28.18	0.021685	0.38	19.87	58.21	0.15
Fiume29436	Fiume29436	577.4651	Tr50	19.88	26.89	27.52	27.47	27.61	0.012853	0.20	24.29	79.20	0.10
Fiume29436	Fiume29436	577.4651	Tr100	22.14	26.89	27.54	27.49	27.64	0.012664	0.21	26.05	80.40	0.10

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Fiume29436	Fiume29436	577.4651	Tr200	24.38	26.89	27.56	27.52	27.66	0.012638	0.21	27.63	81.37	0.10
Fiume29436	Fiume29436	577.4651	Tr500	27.40	26.89	27.59	27.54	27.70	0.012622	0.22	29.68	83.11	0.10
Fiume29436	Fiume29436	495.3029	Tr50	19.88	25.42	26.44	26.41	26.53	0.017471	0.33	17.94	69.07	0.13
Fiume29436	Fiume29436	495.3029	Tr100	22.14	25.42	26.46	26.43	26.55	0.017289	0.33	19.31	72.08	0.13
Fiume29436	Fiume29436	495.3029	Tr200	24.38	25.42	26.47	26.45	26.58	0.017124	0.34	20.57	73.97	0.13
Fiume29436	Fiume29436	495.3029	Tr500	27.40	25.42	26.49	26.47	26.60	0.017503	0.35	21.90	75.15	0.13
Fiume29436	Fiume29436	381.9562	Tr50	19.88	23.91	24.45	24.43	24.52	0.012305	0.19	19.31	96.95	0.10
Fiume29436	Fiume29436	381.9562	Tr100	22.14	23.91	24.47	24.44	24.54	0.012634	0.20	21.10	101.44	0.10
Fiume29436	Fiume29436	381.9562	Tr200	24.38	23.91	24.48		24.55	0.012822	0.20	22.53	104.86	0.10
Fiume29436	Fiume29436	381.9562	Tr500	27.40	23.91	24.50	24.47	24.58	0.012887	0.21	24.21	105.66	0.10
Fiume29436	Fiume29436	291.6987	Tr50	19.88	22.81	23.17	23.17	23.25	0.017289	0.15	18.31	112.76	0.11
Fiume29436	Fiume29436	291.6987	Tr100	22.14	22.81	23.18	23.18	23.27	0.018566	0.16	19.27	113.36	0.11
Fiume29436	Fiume29436	291.6987	Tr200	24.38	22.81	23.20	23.20	23.28	0.017078	0.16	21.11	114.38	0.11
Fiume29436	Fiume29436	291.6987	Tr500	27.40	22.81	23.21	23.21	23.31	0.017824	0.17	22.50	116.06	0.11
Fiume29436	Fiume29436	200.1341	Tr50	19.88	19.83	21.25		21.26	0.006964	0.26	71.34	101.73	0.09
Fiume29436	Fiume29436	200.1341	Tr100	22.14	19.83	21.30		21.30	0.006917	0.26	75.79	106.44	0.09
Fiume29436	Fiume29436	200.1341	Tr200	24.38	19.83	21.33		21.34	0.006792	0.27	79.71	110.13	0.09
Fiume29436	Fiume29436	200.1341	Tr500	27.40	19.83	21.38		21.39	0.006567	0.27	84.93	113.70	0.09
Fiume29436	Fiume29436	147.4075	Tr50	19.88	19.44	20.77	20.21	20.77	0.014616	0.29	68.75	113.52	0.12
Fiume29436	Fiume29436	147.4075	Tr100	22.14	19.44	20.79	20.22	20.79	0.016285	0.31	71.04	113.97	0.13
Fiume29436	Fiume29436	147.4075	Tr200	24.38	19.44	20.80	20.24	20.81	0.018200	0.33	72.83	114.36	0.13
Fiume29436	Fiume29436	147.4075	Tr500	27.40	19.44	20.83	20.26	20.83	0.020452	0.36	75.48	114.93	0.14
Fiume29436	Fiume29436	139.0207		Culvert									
Fiume29436	Fiume29436	128.0362	Tr50	19.88	19.68	20.21	20.21	20.39	1.345926	1.86	10.69	32.46	1.02
Fiume29436	Fiume29436	128.0362	Tr100	22.14	19.68	20.23	20.23	20.43	1.419288	1.95	11.33	33.43	1.06
Fiume29436	Fiume29436	128.0362	Tr200	24.38	19.68	20.24	20.24	20.47	1.528883	2.04	11.87	34.48	1.10
Fiume29436	Fiume29436	128.0362	Tr500	27.40	19.68	20.29	20.29	20.50	1.420154	1.99	13.61	42.07	1.06
Fiume11987	monte	735.6904	Tr50	9.35	43.26	43.67	43.67	43.80	0.021162	0.26	7.79	29.18	0.13
Fiume11987	monte	735.6904	Tr100	10.37	43.26	43.69	43.69	43.82	0.021086	0.26	8.28	29.42	0.13
Fiume11987	monte	735.6904	Tr200	11.38	43.26	43.71	43.71	43.85	0.020694	0.27	8.80	29.66	0.13
Fiume11987	monte	735.6904	Tr500	12.74	43.26	43.73	43.73	43.88	0.020210	0.27	9.47	29.97	0.13

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Fiume11987	monte	651.9392	Tr50	9.35	39.61	40.27	40.34	40.49	0.046331	0.35	5.73	24.13	0.19
Fiume11987	monte	651.9392	Tr100	10.37	39.61	40.29	40.36	40.52	0.044966	0.34	6.19	25.20	0.18
Fiume11987	monte	651.9392	Tr200	11.38	39.61	40.30	40.37	40.55	0.044236	0.33	6.62	26.18	0.18
Fiume11987	monte	651.9392	Tr500	12.74	39.61	40.33	40.39	40.58	0.044630	0.33	7.22	27.99	0.18
Fiume11987	monte	574.3492	Tr50	9.35	35.76	36.63	36.72	36.93	0.058889	0.41	5.96	23.97	0.21
Fiume11987	monte	574.3492	Tr100	10.37	35.76	36.65	36.75	36.96	0.058991	0.42	6.31	24.15	0.22
Fiume11987	monte	574.3492	Tr200	11.38	35.76	36.66	36.77	37.00	0.058884	0.43	6.65	24.32	0.22
Fiume11987	monte	574.3492	Tr500	12.74	35.76	36.68	36.80	37.04	0.059043	0.44	7.09	24.53	0.22
Fiume11987	monte	494.8346	Tr50	9.35	33.02	33.94	33.91	34.03	0.013380	0.19	9.53	33.04	0.10
Fiume11987	monte	494.8346	Tr100	10.37	33.02	33.96	33.92	34.06	0.013389	0.19	10.22	34.16	0.10
Fiume11987	monte	494.8346	Tr200	11.38	33.02	33.98	33.94	34.08	0.013599	0.19	10.94	36.24	0.10
Fiume11987	monte	494.8346	Tr500	12.74	33.02	34.00	33.97	34.11	0.013710	0.19	11.69	36.55	0.10
Fiume11987	monte	393.9247	Tr50	9.35	32.15	31.72	31.70	31.80	0.017548		7.36	37.86	0.00
Fiume11987	monte	393.9247	Tr100	10.37	32.15	31.73	31.72	31.82	0.016412		8.05	38.51	0.00
Fiume11987	monte	393.9247	Tr200	11.38	32.15	31.75	31.73	31.84	0.016594		8.53	39.08	0.00
Fiume11987	monte	393.9247	Tr500	12.74	32.15	31.67	31.75	31.92	0.063745		5.75	35.62	0.00
Fiume11987	monte	295.267	Tr50	9.35	30.20	30.22	30.21	30.29	0.020223	0.02	7.85	50.57	0.07
Fiume11987	monte	295.267	Tr100	10.37	30.20	30.23	30.22	30.31	0.020696	0.03	8.34	51.27	0.08
Fiume11987	monte	295.267	Tr200	11.38	30.20	30.24	30.23	30.32	0.021421	0.04	8.76	51.81	0.08
Fiume11987	monte	295.267	Tr500	12.74	30.20	30.25	30.25	30.34	0.021163	0.05	9.49	53.25	0.09
Fiume11987	monte	218.2266	Tr50	9.35	28.32	28.76	28.75	28.83	0.021964	0.23	9.02	59.54	0.13
Fiume11987	monte	218.2266	Tr100	10.37	28.32	28.77	28.77	28.84	0.022373	0.24	9.55	60.26	0.13
Fiume11987	monte	218.2266	Tr200	11.38	28.32	28.78	28.78	28.86	0.023120	0.25	10.18	62.05	0.13
Fiume11987	monte	218.2266	Tr500	12.74	28.32	28.79	28.79	28.88	0.025627	0.27	10.56	62.27	0.14
Fiume11987	monte	151.7576	Tr50	9.35	26.76	27.38	27.42	27.58	0.025821	0.35	5.88	20.65	0.15
Fiume11987	monte	151.7576	Tr100	10.37	26.76	27.40	27.45	27.61	0.025137	0.35	6.38	21.90	0.15
Fiume11987	monte	151.7576	Tr200	11.38	26.76	27.43	27.47	27.63	0.023126	0.35	7.01	23.29	0.15
Fiume11987	monte	151.7576	Tr500	12.74	26.76	27.46	27.51	27.66	0.021760	0.35	7.76	24.87	0.14
Fiume17440	Fiume17440	1646.684	Tr50	9.42	73.18	73.96	73.67	73.97	0.033326	0.27	33.47	120.01	0.16
Fiume17440	Fiume17440	1646.684	Tr100	10.51	73.18	73.98	73.69	73.99	0.033131	0.28	35.82	123.35	0.16
Fiume17440	Fiume17440	1646.684	Tr200	11.58	73.18	74.00	73.71	74.01	0.033286	0.29	37.71	124.47	0.16

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Fiume17440	Fiume17440	1646.684	Tr500	13.01	73.18	74.02	73.74	74.03	0.033465	0.30	40.09	125.09	0.16
Fiume17440	Fiume17440	1594.819	Tr50	9.42	71.65	72.29		72.30	0.030194	0.31	26.96	83.75	0.16
Fiume17440	Fiume17440	1594.819	Tr100	10.51	71.65	72.31		72.32	0.030547	0.32	28.57	89.57	0.16
Fiume17440	Fiume17440	1594.819	Tr200	11.58	71.65	72.32		72.34	0.030465	0.33	30.38	104.86	0.16
Fiume17440	Fiume17440	1594.819	Tr500	13.01	71.65	72.35		72.36	0.029338	0.33	32.62	112.19	0.16
Fiume17440	Fiume17440	1565.796	Tr50	9.42	70.36	71.31		71.31	0.032251	0.36	26.19	55.98	0.17
Fiume17440	Fiume17440	1565.796	Tr100	10.51	70.36	71.35		71.36	0.032992	0.37	28.60	60.77	0.17
Fiume17440	Fiume17440	1565.796	Tr200	11.58	70.36	71.38		71.39	0.033274	0.38	30.58	63.38	0.17
Fiume17440	Fiume17440	1565.796	Tr500	13.01	70.36	71.41		71.42	0.033449	0.40	32.75	65.83	0.17
Fiume17440	Fiume17440	1480.364	Tr50	9.42	67.64	68.26	68.05	68.31	0.033586	0.25	19.09	100.43	0.16
Fiume17440	Fiume17440	1480.364	Tr100	10.51	67.64	68.26	68.05	68.33	0.041310	0.27	19.15	100.61	0.17
Fiume17440	Fiume17440	1480.364	Tr200	11.58	67.64	68.26	68.05	68.34	0.045588	0.29	19.65	102.25	0.18
Fiume17440	Fiume17440	1480.364	Tr500	13.01	67.64	68.27	68.05	68.36	0.048334	0.30	20.61	105.51	0.19
Fiume17440	Fiume17440	1380.566	Tr50	9.42	62.45	62.72	62.79	62.96	0.072645	0.29	5.25	38.45	0.22
Fiume17440	Fiume17440	1380.566	Tr100	10.51	62.45	62.73	62.80	62.96	0.062297	0.29	5.94	39.17	0.20
Fiume17440	Fiume17440	1380.566	Tr200	11.58	62.45	62.75	62.81	62.97	0.054830	0.29	6.60	41.02	0.19
Fiume17440	Fiume17440	1380.566	Tr500	13.01	62.45	62.77	62.84	62.99	0.051540	0.29	7.29	43.21	0.19
Fiume17440	Fiume17440	1270.708	Tr50	9.42	58.20	58.67	58.75	58.92	0.049104	0.37	5.70	24.11	0.20
Fiume17440	Fiume17440	1270.708	Tr100	10.51	58.20	58.69	58.77	58.95	0.048965	0.39	6.12	24.74	0.20
Fiume17440	Fiume17440	1270.708	Tr200	11.58	58.20	58.70	58.79	58.98	0.047839	0.39	6.59	25.72	0.20
Fiume17440	Fiume17440	1270.708	Tr500	13.01	58.20	58.73	58.81	59.01	0.045718	0.40	7.21	26.68	0.20
Fiume17440	Fiume17440	1144.484	Tr50	9.42	53.81	54.35	54.23	54.46	0.049064	0.40	11.84	44.56	0.20
Fiume17440	Fiume17440	1144.484	Tr100	10.51	53.81	54.37	54.36	54.48	0.049528	0.41	12.49	45.71	0.20
Fiume17440	Fiume17440	1144.484	Tr200	11.58	53.81	54.38	54.17	54.51	0.050494	0.42	13.02	46.13	0.21
Fiume17440	Fiume17440	1144.484	Tr500	13.01	53.81	54.40	54.40	54.54	0.045567	0.42	14.12	47.16	0.20
Fiume17440	Fiume17440	1121.366	Tr50	9.42	52.17	53.05		53.06	0.038358	0.35	27.12	70.09	0.18
Fiume17440	Fiume17440	1121.366	Tr100	10.51	52.17	53.08		53.08	0.038199	0.36	29.03	70.64	0.18
Fiume17440	Fiume17440	1121.366	Tr200	11.58	52.17	53.10		53.11	0.038250	0.38	30.79	71.16	0.18
Fiume17440	Fiume17440	1121.366	Tr500	13.01	52.17	53.13		53.14	0.038019	0.39	33.07	71.86	0.18
Fiume17440	Fiume17440	1054.286	Tr50	9.42	49.56	50.48		50.49	0.029750	0.34	27.35	58.93	0.16
Fiume17440	Fiume17440	1054.286	Tr100	10.51	49.56	50.52		50.52	0.029938	0.36	29.38	60.54	0.16

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Fiume17440	Fiume17440	1054.286	Tr200	11.58	49.56	50.55		50.56	0.030585	0.37	31.50	63.62	0.17
Fiume17440	Fiume17440	1054.286	Tr500	13.01	49.56	50.59		50.60	0.030545	0.38	33.83	64.22	0.17
Fiume17440	Fiume17440	972.1047	Tr50	9.42	47.44	47.98		48.00	0.031088	0.32	24.68	72.44	0.16
Fiume17440	Fiume17440	972.1047	Tr100	10.51	47.44	48.00		48.02	0.031284	0.33	25.93	72.86	0.16
Fiume17440	Fiume17440	972.1047	Tr200	11.58	47.44	48.01		48.04	0.031517	0.34	27.07	73.24	0.16
Fiume17440	Fiume17440	972.1047	Tr500	13.01	47.44	48.03		48.07	0.031687	0.36	28.53	73.68	0.17
Fiume17440	Fiume17440	895.9972	Tr50	9.42	45.04	45.77		45.78	0.026298	0.28	31.44	100.25	0.15
Fiume17440	Fiume17440	895.9972	Tr100	10.51	45.04	45.79		45.80	0.026226	0.29	33.20	100.86	0.15
Fiume17440	Fiume17440	895.9972	Tr200	11.58	45.04	45.80		45.82	0.026037	0.29	34.85	101.43	0.15
Fiume17440	Fiume17440	895.9972	Tr500	13.01	45.04	45.82		45.84	0.026372	0.30	36.80	103.53	0.15
Fiume17440	Fiume17440	774.3658	Tr50	9.42	42.30	42.40	42.43	42.52	0.035409	0.10	6.92	57.38	0.13
Fiume17440	Fiume17440	774.3658	Tr100	10.51	42.30	42.42	42.45	42.54	0.035234	0.11	7.60	59.79	0.13
Fiume17440	Fiume17440	774.3658	Tr200	11.58	42.30	42.42	42.46	42.56	0.036668	0.12	8.07	62.99	0.13
Fiume17440	Fiume17440	774.3658	Tr500	13.01	42.30	42.44	42.47	42.58	0.033549	0.12	9.14	66.69	0.13
Fiume17440	Fiume17440	654.528	Tr50	9.42	38.71	39.58		39.61	0.027034	0.41	20.22	35.79	0.16
Fiume17440	Fiume17440	654.528	Tr100	10.51	38.71	39.61		39.65	0.026982	0.42	21.38	36.16	0.16
Fiume17440	Fiume17440	654.528	Tr200	11.58	38.71	39.64		39.68	0.027127	0.43	22.42	36.49	0.16
Fiume17440	Fiume17440	654.528	Tr500	13.01	38.71	39.68		39.73	0.027153	0.45	23.77	36.92	0.17
Fiume17440	Fiume17440	534.9685	Tr50	9.42	35.22	36.13		36.19	0.027504	0.36	16.10	44.79	0.16
Fiume17440	Fiume17440	534.9685	Tr100	10.51	35.22	36.15		36.22	0.027457	0.37	16.88	45.04	0.16
Fiume17440	Fiume17440	534.9685	Tr200	11.58	35.22	36.17		36.24	0.028100	0.38	17.51	45.22	0.16
Fiume17440	Fiume17440	534.9685	Tr500	13.01	35.22	36.18		36.27	0.028509	0.39	18.36	45.46	0.16
Fiume17440	Fiume17440	372.4532	Tr50	9.42	31.44	31.76	31.78	31.88	0.031030	0.18	9.27	55.22	0.14
Fiume17440	Fiume17440	372.4532	Tr100	10.51	31.44	31.77	31.80	31.91	0.030363	0.18	10.06	56.50	0.14
Fiume17440	Fiume17440	372.4532	Tr200	11.58	31.44	31.79	31.81	31.93	0.028921	0.19	10.92	57.64	0.14
Fiume17440	Fiume17440	372.4532	Tr500	13.01	31.44	31.81	31.83	31.95	0.026161	0.19	12.23	59.42	0.13
Fiume17440	Fiume17440	264.0468	Tr50	9.42	28.46	29.07		29.16	0.025768	0.31	13.81	41.45	0.15
Fiume17440	Fiume17440	264.0468	Tr100	10.51	28.46	29.09		29.19	0.025534	0.32	14.63	42.14	0.15
Fiume17440	Fiume17440	264.0468	Tr200	11.58	28.46	29.11		29.21	0.025424	0.33	15.35	42.42	0.15
Fiume17440	Fiume17440	264.0468	Tr500	13.01	28.46	29.13		29.25	0.025318	0.34	16.27	42.78	0.15
Fiume17440	Fiume17440	137.8645	Tr50	9.42	25.63	26.20	26.16	26.28	0.014084	0.24	10.79	39.00	0.11

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Fiume17440	Fiume17440	137.8645	Tr100	10.51	25.63	26.22	26.17	26.30	0.014007	0.24	11.44	39.17	0.11
Fiume17440	Fiume17440	137.8645	Tr200	11.58	25.63	26.24	26.19	26.32	0.014056	0.25	12.04	39.32	0.11
Fiume17440	Fiume17440	137.8645	Tr500	13.01	25.63	26.26	26.21	26.35	0.013748	0.25	12.91	39.69	0.11
Fiume17440	Fiume17440	62.04617	Tr50	9.42	24.50	24.97	24.97	25.06	0.036017	0.34	10.40	53.58	0.17
Fiume17440	Fiume17440	62.04617	Tr100	10.51	24.50	24.98	24.98	25.08	0.033689	0.34	11.19	54.70	0.17
Fiume17440	Fiume17440	62.04617	Tr200	11.58	24.50	24.99	24.99	25.10	0.031099	0.34	12.01	55.63	0.16
Fiume17440	Fiume17440	62.04617	Tr500	13.01	24.50	25.01	25.01	25.12	0.028384	0.33	13.08	56.92	0.16
Fiume5536	Fiume5562	441.3741	Tr50	30.38	22.14	22.65	23.04	27.14	1.804806	1.55	4.24	29.23	1.09
Fiume5536	Fiume5562	441.3741	Tr100	35.98	22.14	22.67	23.07	27.17	1.479569	1.46	4.98	30.44	1.00
Fiume5536	Fiume5562	441.3741	Tr200	41.63	22.14	22.69	23.12	27.20	1.254127	1.39	5.73	31.62	0.92
Fiume5536	Fiume5562	441.3741	Tr500	49.21	22.14	22.73	23.17	27.23	1.033234	1.33	6.73	32.86	0.85
Fiume5536	Fiume5562	385.7183	Tr50	30.38	20.95	21.91	21.89	22.07	0.016046	0.31	21.43	56.55	0.12
Fiume5536	Fiume5562	385.7183	Tr100	35.98	20.95	21.95	21.94	22.13	0.016062	0.33	23.66	57.40	0.13
Fiume5536	Fiume5562	385.7183	Tr200	41.63	20.95	21.99	21.98	22.18	0.016496	0.34	25.59	58.25	0.13
Fiume5536	Fiume5562	385.7183	Tr500	49.21	20.95	22.03	22.02	22.25	0.016502	0.36	28.45	60.41	0.13
Fiume5536	Fiume5562	272.776	Tr50	30.38	19.19	20.12	20.05	20.21	0.008106	0.20	30.59	82.70	0.09
Fiume5536	Fiume5562	272.776	Tr100	35.98	19.19	20.16	20.09	20.26	0.008109	0.21	34.04	84.06	0.09
Fiume5536	Fiume5562	272.776	Tr200	41.63	19.19	20.20	20.12	20.30	0.008053	0.22	37.17	84.52	0.09
Fiume5536	Fiume5562	272.776	Tr500	49.21	19.19	20.24	20.16	20.36	0.008050	0.23	41.03	85.09	0.09
Fiume5536	Fiume5562	132.9683	Tr50	30.38	18.08	18.94	18.87	19.02	0.010855	0.25	30.84	87.44	0.10
Fiume5536	Fiume5562	132.9683	Tr100	35.98	18.08	18.95	18.90	19.06	0.013357	0.28	31.95	87.66	0.11
Fiume5536	Fiume5562	132.9683	Tr200	41.63	18.08	18.95	18.93	19.09	0.017791	0.32	31.99	87.67	0.13
Fiume5536	Fiume5562	132.9683	Tr500	49.21	18.08	18.97	18.97	19.15	0.020580	0.35	33.70	88.11	0.14
Fiume5536	Fiume5562	122.3053		Culvert									
Fiume5536	Fiume5562	113.5301	Tr50	30.38	17.51	18.58		18.64	0.006238	0.23	32.22	88.73	0.08
Fiume5536	Fiume5562	113.5301	Tr100	35.98	17.51	18.63		18.69	0.006432	0.24	36.39	96.12	0.08
Fiume5536	Fiume5562	113.5301	Tr200	41.63	17.51	18.66		18.73	0.006373	0.24	39.85	98.13	0.08
Fiume5536	Fiume5562	113.5301	Tr500	49.21	17.51	18.71		18.79	0.006296	0.25	44.99	102.37	0.08
Fiume5536	Fiume5562	82.33707	Tr50	30.38	17.60	18.24	18.24	18.38	0.018869	0.32	21.80	71.65	0.13
Fiume5536	Fiume5562	82.33707	Tr100	35.98	17.60	18.28	18.28	18.43	0.018718	0.33	24.16	73.85	0.13
Fiume5536	Fiume5562	82.33707	Tr200	41.63	17.60	18.32	18.32	18.48	0.016904	0.33	27.31	81.22	0.13

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Fiume5536	Fiume5562	82.33707	Tr500	49.21	17.60	18.36	18.36	18.53	0.016558	0.34	30.64	85.90	0.13
RiulsPattetus	RiulsPattetus	4291.108	Tr50	43.51	14.65	15.17	15.51	18.10	0.841921	1.35	6.66	39.22	0.78
RiulsPattetus	RiulsPattetus	4291.108	Tr100	51.48	14.65	15.19	15.56	18.15	0.783060	1.33	7.78	42.12	0.76
RiulsPattetus	RiulsPattetus	4291.108	Tr200	59.52	14.65	15.22	15.61	18.20	0.679655	1.29	8.91	43.78	0.71
RiulsPattetus	RiulsPattetus	4291.108	Tr500	70.21	14.65	15.25	15.66	18.25	0.600441	1.28	10.39	46.78	0.68
RiulsPattetus	RiulsPattetus	4088.514	Tr50	43.51	12.12	13.59		13.67	0.008670	0.33	44.82	112.69	0.10
RiulsPattetus	RiulsPattetus	4088.514	Tr100	51.48	12.12	13.64		13.72	0.008721	0.33	49.88	123.21	0.10
RiulsPattetus	RiulsPattetus	4088.514	Tr200	59.52	12.12	13.68		13.77	0.008817	0.34	55.35	140.89	0.10
RiulsPattetus	RiulsPattetus	4088.514	Tr500	70.21	12.12	13.72		13.82	0.009065	0.36	62.15	152.80	0.10
RiulsPattetus	RiulsPattetus	3883.97	Tr50	43.51	11.01	11.75		11.79	0.006280	0.18	54.35	228.03	0.08
RiulsPattetus	RiulsPattetus	3883.97	Tr100	51.48	11.01	11.78		11.82	0.006037	0.18	60.88	239.43	0.08
RiulsPattetus	RiulsPattetus	3883.97	Tr200	59.52	11.01	11.81		11.85	0.006312	0.19	67.08	245.61	0.08
RiulsPattetus	RiulsPattetus	3883.97	Tr500	70.21	11.01	11.84		11.89	0.006305	0.20	74.20	254.13	0.08
RiulsPattetus	RiulsPattetus	3670.945	Tr50	43.51	9.76	10.33		10.37	0.004599	0.09	52.84	194.18	0.06
RiulsPattetus	RiulsPattetus	3670.945	Tr100	51.48	9.76	10.36		10.40	0.004585	0.09	59.50	208.10	0.06
RiulsPattetus	RiulsPattetus	3670.945	Tr200	59.52	9.76	10.39		10.44	0.004454	0.10	66.53	221.53	0.06
RiulsPattetus	RiulsPattetus	3670.945	Tr500	70.21	9.76	10.43		10.48	0.004806	0.11	74.80	242.27	0.06
RiulsPattetus	RiulsPattetus	3541.378	Tr50	43.51	8.89	9.66		9.69	0.004527	0.10	68.93	365.18	0.06
RiulsPattetus	RiulsPattetus	3541.378	Tr100	51.48	8.89	9.68		9.71	0.004525	0.10	76.88	379.34	0.06
RiulsPattetus	RiulsPattetus	3541.378	Tr200	59.52	8.89	9.71		9.73	0.004604	0.11	84.89	397.12	0.06
RiulsPattetus	RiulsPattetus	3541.378	Tr500	70.21	8.89	9.73		9.76	0.004508	0.11	95.77	412.57	0.06
RiulsPattetus	RiulsPattetus	3342.324	Tr50	43.51	7.83	8.63		8.65	0.001577	0.08	82.69	242.29	0.04
RiulsPattetus	RiulsPattetus	3342.324	Tr100	51.48	7.83	8.68		8.69	0.001471	0.08	93.45	247.83	0.04
RiulsPattetus	RiulsPattetus	3342.324	Tr200	59.52	7.83	8.71		8.73	0.001450	0.08	102.76	260.23	0.04
RiulsPattetus	RiulsPattetus	3342.324	Tr500	70.21	7.83	8.76		8.78	0.001464	0.08	115.12	302.64	0.04
RiulsPattetus	RiulsPattetus	3147.294	Tr50	43.51	7.26	8.23		8.25	0.002737	0.12	65.43	203.01	0.05
RiulsPattetus	RiulsPattetus	3147.294	Tr100	51.48	7.26	8.27		8.30	0.002716	0.12	73.36	208.08	0.05
RiulsPattetus	RiulsPattetus	3147.294	Tr200	59.52	7.26	8.31		8.34	0.002601	0.12	81.52	215.46	0.05
RiulsPattetus	RiulsPattetus	3147.294	Tr500	70.21	7.26	8.35		8.38	0.002570	0.13	91.07	220.72	0.05
RiulsPattetus	RiulsPattetus	3068.269	Tr50	43.51	7.00	7.74	7.74	7.87	0.012568	0.22	28.84	105.19	0.10
RiulsPattetus	RiulsPattetus	3068.269	Tr100	51.48	7.00	7.78	7.78	7.92	0.012462	0.23	33.12	115.29	0.10

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
RiulsPattetus	RiulsPattetus	3068.269	Tr200	59.52	7.00	7.81	7.81	7.96	0.014786	0.25	37.25	124.70	0.11
RiulsPattetus	RiulsPattetus	3068.269	Tr500	70.21	7.00	7.85	7.85	8.01	0.014629	0.26	42.53	136.32	0.11
RiulsPattetus	RiulsPattetus	3056.043		Culvert									
RiulsPattetus	RiulsPattetus	3042.322	Tr50	43.51	6.64	7.53		7.59	0.004723	0.15	45.34	117.68	0.06
RiulsPattetus	RiulsPattetus	3042.322	Tr100	51.48	6.64	7.58		7.64	0.004708	0.16	50.44	125.18	0.06
RiulsPattetus	RiulsPattetus	3042.322	Tr200	59.52	6.64	7.62		7.69	0.004597	0.16	56.33	133.32	0.06
RiulsPattetus	RiulsPattetus	3042.322	Tr500	70.21	6.64	7.68		7.75	0.004738	0.16	63.47	137.89	0.06
RiulsPattetus	RiulsPattetus	2970.616	Tr50	43.51	6.74	7.22		7.26	0.003747	0.07	50.61	141.74	0.05
RiulsPattetus	RiulsPattetus	2970.616	Tr100	51.48	6.74	7.26		7.31	0.003545	0.08	57.36	146.23	0.05
RiulsPattetus	RiulsPattetus	2970.616	Tr200	59.52	6.74	7.32		7.37	0.003847	0.09	67.15	181.36	0.05
RiulsPattetus	RiulsPattetus	2970.616	Tr500	70.21	6.74	7.38		7.42	0.003633	0.08	77.66	194.06	0.05
RiulsPattetus	RiulsPattetus	2746.353	Tr50	43.51	6.09	7.03		7.03	0.000043	0.02	233.95	258.65	0.01
RiulsPattetus	RiulsPattetus	2746.353	Tr100	51.48	6.09	7.08		7.09	0.000051	0.02	247.12	263.96	0.01
RiulsPattetus	RiulsPattetus	2746.353	Tr200	59.52	6.09	7.14		7.15	0.000057	0.02	263.36	265.19	0.01
RiulsPattetus	RiulsPattetus	2746.353	Tr500	70.21	6.09	7.21		7.21	0.000065	0.02	281.45	281.28	0.01
RiulsPattetus	RiulsPattetus	2666.55	Tr50	43.51	5.51	6.94	6.75	6.99	0.003664	0.20	48.95	113.11	0.06
RiulsPattetus	RiulsPattetus	2666.55	Tr100	51.48	5.51	6.98	6.79	7.03	0.003903	0.21	53.19	117.74	0.06
RiulsPattetus	RiulsPattetus	2666.55	Tr200	59.52	5.51	7.04	6.82	7.09	0.003686	0.21	60.64	122.23	0.06
RiulsPattetus	RiulsPattetus	2666.55	Tr500	70.21	5.51	7.10	6.86	7.16	0.003471	0.21	68.17	130.10	0.06
RiulsPattetus	RiulsPattetus	2650		Culvert									
RiulsPattetus	RiulsPattetus	2636.62	Tr50	43.51	5.54	6.88	6.79	6.98	0.009595	0.32	37.23	94.53	0.10
RiulsPattetus	RiulsPattetus	2636.62	Tr100	51.48	5.54	6.93	6.84	7.03	0.009245	0.32	41.54	99.50	0.10
RiulsPattetus	RiulsPattetus	2636.62	Tr200	59.52	5.54	6.97	6.87	7.08	0.008784	0.32	46.09	106.01	0.10
RiulsPattetus	RiulsPattetus	2636.62	Tr500	70.21	5.54	7.03	6.92	7.15	0.008719	0.33	52.29	111.45	0.10
RiulsPattetus	RiulsPattetus	2441.828		Culvert									
RiulsPattetus	RiulsPattetus	2435.622	Tr50	43.51	5.51	6.55	6.55	6.71	0.018526	0.42	31.88	88.27	0.14
RiulsPattetus	RiulsPattetus	2435.622	Tr100	51.48	5.51	6.60	6.60	6.77	0.018148	0.43	36.92	95.40	0.14
RiulsPattetus	RiulsPattetus	2435.622	Tr200	59.52	5.51	6.65	6.65	6.82	0.016573	0.42	41.09	104.59	0.14
RiulsPattetus	RiulsPattetus	2435.622	Tr500	70.21	5.51	6.70	6.70	6.88	0.016345	0.43	47.19	125.08	0.14

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
RiulsPattetus	RiulsPattetus	2364.302	Tr50	43.51	4.81	5.25	4.94	5.28	0.001830	0.06	58.08	179.88	0.04
RiulsPattetus	RiulsPattetus	2364.302	Tr100	51.48	4.81	5.30	4.98	5.33	0.001769	0.06	69.01	212.83	0.04
RiulsPattetus	RiulsPattetus	2364.302	Tr200	59.52	4.81	5.35	5.02	5.38	0.002670	0.08	79.28	227.62	0.04
RiulsPattetus	RiulsPattetus	2364.302	Tr500	70.21	4.81	5.39	5.08	5.42	0.002620	0.08	88.80	233.04	0.04
RiulsPattetus	RiulsPattetus	2198.496	Tr50	43.51	4.42	4.82		4.85	0.002786	0.05	58.28	194.86	0.04
RiulsPattetus	RiulsPattetus	2198.496	Tr100	51.48	4.42	4.85		4.89	0.002867	0.05	65.51	203.29	0.04
RiulsPattetus	RiulsPattetus	2198.496	Tr200	59.52	4.42	4.89		4.92	0.003146	0.05	72.50	215.03	0.04
RiulsPattetus	RiulsPattetus	2198.496	Tr500	70.21	4.42	4.93		4.97	0.003096	0.05	81.51	222.41	0.04
RiulsPattetus	RiulsPattetus	2073.401	Tr50	43.51	3.96	4.41		4.44	0.004912	0.11	62.30	271.59	0.06
RiulsPattetus	RiulsPattetus	2073.401	Tr100	51.48	3.96	4.44		4.47	0.004948	0.11	68.95	278.38	0.06
RiulsPattetus	RiulsPattetus	2073.401	Tr200	59.52	3.96	4.46		4.50	0.004989	0.12	75.38	288.94	0.06
RiulsPattetus	RiulsPattetus	2073.401	Tr500	70.21	3.96	4.49		4.53	0.005035	0.13	83.71	296.55	0.06
RiulsPattetus	RiulsPattetus	1898.39	Tr50	43.51	3.03	3.56		3.58	0.001325	0.06	90.23	267.53	0.03
RiulsPattetus	RiulsPattetus	1898.39	Tr100	51.48	3.03	3.60		3.61	0.001423	0.07	99.53	280.92	0.03
RiulsPattetus	RiulsPattetus	1898.39	Tr200	59.52	3.03	3.63		3.65	0.001464	0.07	108.92	294.95	0.04
RiulsPattetus	RiulsPattetus	1898.39	Tr500	70.21	3.03	3.67		3.69	0.001599	0.08	120.31	318.13	0.04
RiulsPattetus	RiulsPattetus	1815.919	Tr50	43.51	2.32	3.52		3.52	0.000215	0.04	156.65	306.41	0.01
RiulsPattetus	RiulsPattetus	1815.919	Tr100	51.48	2.32	3.55		3.55	0.000255	0.05	165.37	307.24	0.02
RiulsPattetus	RiulsPattetus	1815.919	Tr200	59.52	2.32	3.57		3.58	0.000291	0.05	173.99	307.97	0.02
RiulsPattetus	RiulsPattetus	1815.919	Tr500	70.21	2.32	3.60		3.61	0.000343	0.06	183.66	308.72	0.02
RiulsPattetus	RiulsPattetus	1798.495	Tr50	43.51	2.21	3.51	2.98	3.52	0.000207	0.04	166.83	385.65	0.01
RiulsPattetus	RiulsPattetus	1798.495	Tr100	51.48	2.21	3.54	3.00	3.55	0.000243	0.05	177.62	389.03	0.02
RiulsPattetus	RiulsPattetus	1798.495	Tr200	59.52	2.21	3.57	3.03	3.57	0.000275	0.05	188.40	391.77	0.02
RiulsPattetus	RiulsPattetus	1798.495	Tr500	70.21	2.21	3.60	3.07	3.61	0.000320	0.06	200.48	395.08	0.02
RiulsPattetus	RiulsPattetus	1784.311		Culvert									
RiulsPattetus	RiulsPattetus	1766.445	Tr50	43.51	1.81	2.80		2.83	0.005441	0.19	56.92	237.84	0.07
RiulsPattetus	RiulsPattetus	1766.445	Tr100	51.48	1.81	2.83		2.86	0.005475	0.19	62.96	245.54	0.07
RiulsPattetus	RiulsPattetus	1766.445	Tr200	59.52	1.81	2.85		2.89	0.005667	0.20	69.44	256.25	0.07
RiulsPattetus	RiulsPattetus	1766.445	Tr500	70.21	1.81	2.88		2.93	0.005740	0.21	76.64	259.61	0.08
RiulsPattetus	RiulsPattetus	1687.404	Tr50	43.51	1.20	2.33		2.36	0.003171	0.14	59.84	230.24	0.05
RiulsPattetus	RiulsPattetus	1687.404	Tr100	51.48	1.20	2.36		2.40	0.003282	0.15	68.55	256.55	0.05

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

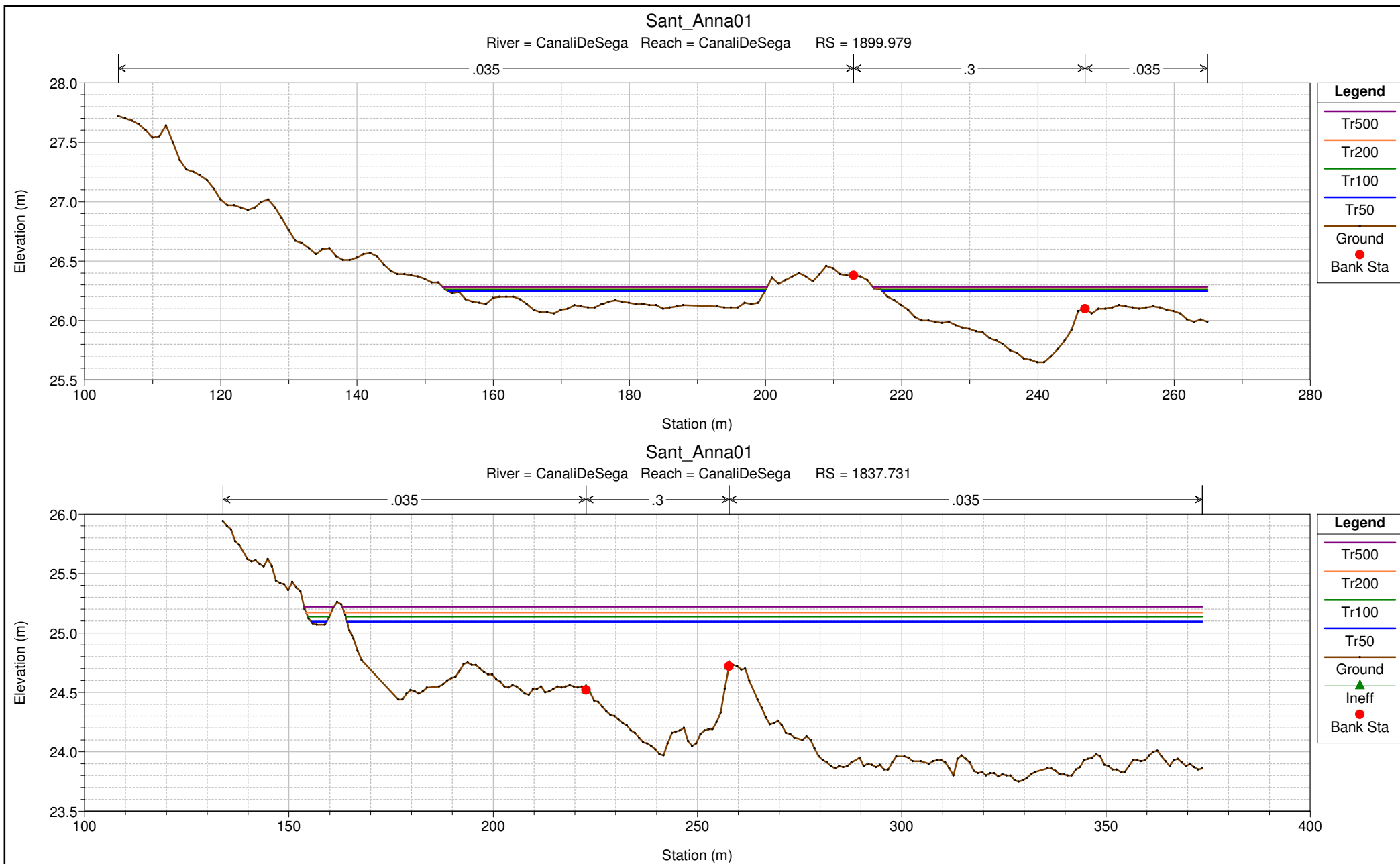
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
RiulsPattetus	RiulsPattetus	1687.404	Tr200	59.52	1.20	2.40		2.43	0.003278	0.15	76.99	269.83	0.05
RiulsPattetus	RiulsPattetus	1687.404	Tr500	70.21	1.20	2.44		2.47	0.003316	0.16	88.20	301.10	0.05
RiulsPattetus	RiulsPattetus	1545.898	Tr50	43.51	0.91	1.93		1.95	0.001155	0.08	94.65	255.31	0.03
RiulsPattetus	RiulsPattetus	1545.898	Tr100	51.48	0.91	1.97		1.98	0.001211	0.08	103.49	257.54	0.03
RiulsPattetus	RiulsPattetus	1545.898	Tr200	59.52	0.91	2.00		2.02	0.001244	0.09	111.99	258.64	0.03
RiulsPattetus	RiulsPattetus	1545.898	Tr500	70.21	0.91	2.04		2.06	0.001298	0.09	122.16	261.76	0.04
RiulsPattetus	RiulsPattetus	1472.269	Tr50	43.51	0.81	1.86	1.50	1.86	0.000616	0.07	109.74	231.32	0.02
RiulsPattetus	RiulsPattetus	1472.269	Tr100	51.48	0.81	1.88	1.54	1.90	0.000706	0.07	116.44	232.51	0.03
RiulsPattetus	RiulsPattetus	1472.269	Tr200	59.52	0.81	1.91	1.56	1.93	0.000784	0.08	123.04	234.76	0.03
RiulsPattetus	RiulsPattetus	1472.269	Tr500	70.21	0.81	1.95	1.59	1.96	0.000905	0.09	131.06	245.21	0.03
RiulsPattetus	RiulsPattetus	1459.64		Culvert									
RiulsPattetus	RiulsPattetus	1405.177	Tr50	43.51	0.50	1.38		1.41	0.003981	0.17	61.04	243.50	0.06
RiulsPattetus	RiulsPattetus	1405.177	Tr100	51.48	0.50	1.46		1.48	0.002530	0.14	80.75	261.71	0.05
RiulsPattetus	RiulsPattetus	1405.177	Tr200	59.52	0.50	1.52		1.54	0.001860	0.13	97.64	271.56	0.04
RiulsPattetus	RiulsPattetus	1405.177	Tr500	70.21	0.50	1.60	1.33	1.62	0.001423	0.12	118.58	282.76	0.04
ComplPerdaFitta	ComplPerdaFitta	2383.009	Tr50	14.75	57.82	58.65	58.65	58.88	0.026425	0.44	12.17	23.63	0.16
ComplPerdaFitta	ComplPerdaFitta	2383.009	Tr100	17.43	57.82	58.71	58.71	58.95	0.024406	0.44	13.62	24.45	0.16
ComplPerdaFitta	ComplPerdaFitta	2383.009	Tr200	20.13	57.82	58.77	58.77	59.02	0.022831	0.45	15.07	25.38	0.16
ComplPerdaFitta	ComplPerdaFitta	2383.009	Tr500	23.77	57.82	58.84	58.84	59.11	0.021507	0.46	16.87	26.49	0.15
ComplPerdaFitta	ComplPerdaFitta	2284.027	Tr50	14.75	52.63	53.59		53.73	0.046336	0.63	16.39	26.64	0.22
ComplPerdaFitta	ComplPerdaFitta	2284.027	Tr100	17.43	52.63	53.64		53.81	0.047226	0.66	17.71	27.66	0.23
ComplPerdaFitta	ComplPerdaFitta	2284.027	Tr200	20.13	52.63	53.70		53.89	0.045039	0.67	19.26	28.93	0.22
ComplPerdaFitta	ComplPerdaFitta	2284.027	Tr500	23.77	52.63	53.75		53.97	0.045246	0.70	20.99	30.75	0.23
ComplPerdaFitta	ComplPerdaFitta	2131.556	Tr50	14.75	45.33	45.78	45.78	48.84	24.788430	6.65	2.13	9.32	4.20
ComplPerdaFitta	ComplPerdaFitta	2131.556	Tr100	17.43	45.33	45.78	45.78	50.05	33.661160	7.79	2.15	9.35	4.89
ComplPerdaFitta	ComplPerdaFitta	2131.556	Tr200	20.13	45.33	46.48	46.56	46.88	0.039370	0.64	12.67	19.82	0.21
ComplPerdaFitta	ComplPerdaFitta	2131.556	Tr500	23.77	45.33	46.54	46.65	47.00	0.039629	0.66	13.78	20.35	0.21
ComplPerdaFitta	ComplPerdaFitta	1939.605	Tr50	14.75	39.36	39.61	39.65	39.80	0.031386	0.19	9.96	44.57	0.14
ComplPerdaFitta	ComplPerdaFitta	1939.605	Tr100	17.43	39.36	39.62	39.69	39.86	0.037055	0.22	10.53	44.82	0.16
ComplPerdaFitta	ComplPerdaFitta	1939.605	Tr200	20.13	39.36	39.65	39.72	39.91	0.036686	0.24	11.62	45.28	0.16
ComplPerdaFitta	ComplPerdaFitta	1939.605	Tr500	23.77	39.36	39.68	39.76	39.98	0.036430	0.26	13.00	45.77	0.16

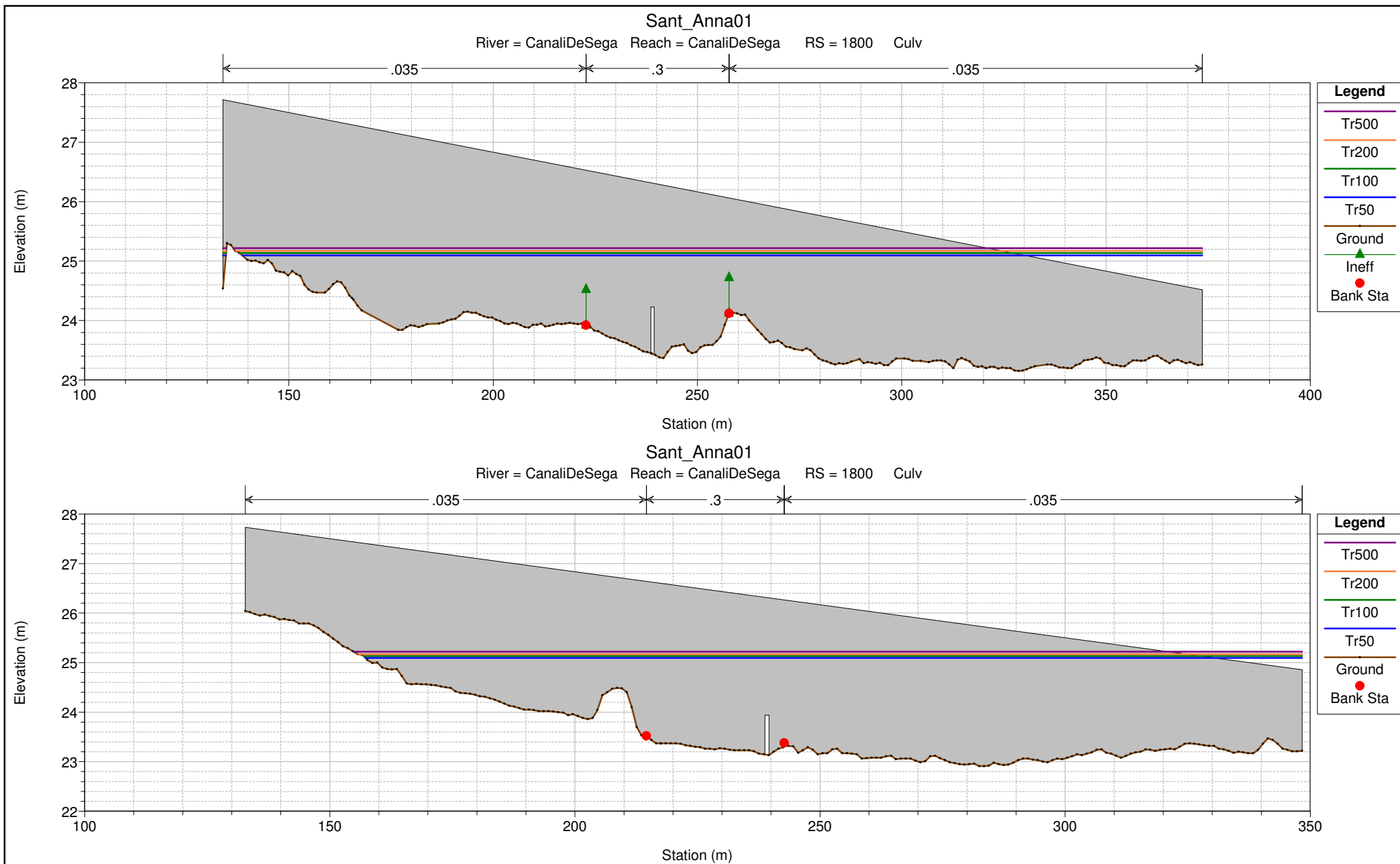
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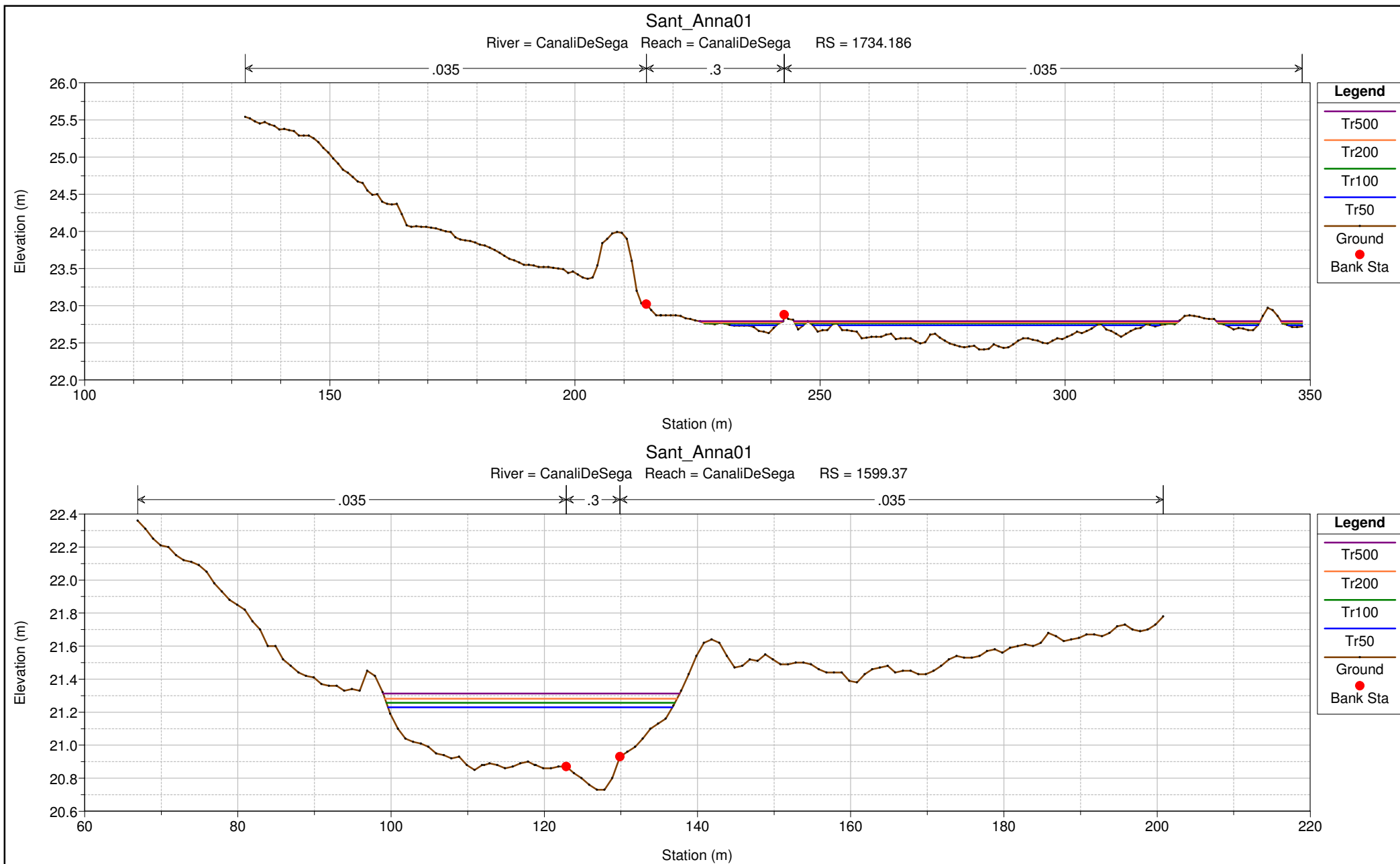
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
ComplPerdaFitta	ComplPerdaFitta	1732.862	Tr50	14.75	30.88	32.04		32.06	0.039996	0.58	24.89	34.84	0.20
ComplPerdaFitta	ComplPerdaFitta	1732.862	Tr100	17.43	30.88	32.10		32.13	0.040036	0.61	27.20	35.85	0.21
ComplPerdaFitta	ComplPerdaFitta	1732.862	Tr200	20.13	30.88	32.16		32.20	0.039960	0.64	29.30	36.77	0.21
ComplPerdaFitta	ComplPerdaFitta	1732.862	Tr500	23.77	30.88	32.23		32.29	0.040160	0.67	31.85	39.94	0.21
ComplPerdaFitta	ComplPerdaFitta	1626.947	Tr50	14.75	26.53	27.74		27.81	0.032438	0.53	21.84	35.28	0.19
ComplPerdaFitta	ComplPerdaFitta	1626.947	Tr100	17.43	26.53	27.79		27.87	0.033581	0.56	23.46	36.28	0.19
ComplPerdaFitta	ComplPerdaFitta	1626.947	Tr200	20.13	26.53	27.83		27.93	0.035429	0.59	24.80	37.08	0.20
ComplPerdaFitta	ComplPerdaFitta	1626.947	Tr500	23.77	26.53	27.87		28.00	0.037467	0.63	26.43	37.87	0.20
ComplPerdaFitta	ComplPerdaFitta	1443.35	Tr50	14.75	21.03	21.53	21.60	21.77	0.034988	0.36	9.22	32.32	0.17
ComplPerdaFitta	ComplPerdaFitta	1443.35	Tr100	17.43	21.03	21.56	21.62	21.83	0.034653	0.38	10.23	32.89	0.18
ComplPerdaFitta	ComplPerdaFitta	1443.35	Tr200	20.13	21.03	21.58	21.68	21.88	0.034730	0.39	11.17	33.53	0.18
ComplPerdaFitta	ComplPerdaFitta	1443.35	Tr500	23.77	21.03	21.62	21.72	21.94	0.035970	0.42	12.35	34.78	0.18
ComplPerdaFitta	ComplPerdaFitta	1153.683	Tr50	14.75	14.28	14.55	14.59	14.74	0.024159	0.20	9.07	34.80	0.13
ComplPerdaFitta	ComplPerdaFitta	1153.683	Tr100	17.43	14.28	14.59	14.63	14.80	0.024012	0.22	10.16	36.03	0.13
ComplPerdaFitta	ComplPerdaFitta	1153.683	Tr200	20.13	14.28	14.61	14.66	14.85	0.024043	0.23	11.18	36.84	0.14
ComplPerdaFitta	ComplPerdaFitta	1153.683	Tr500	23.77	14.28	14.65	14.70	14.91	0.024249	0.25	12.45	37.62	0.14
ComplPerdaFitta	ComplPerdaFitta	834.0881	Tr50	14.75	8.18	8.67	8.65	8.78	0.015403	0.17	11.75	43.40	0.11
ComplPerdaFitta	ComplPerdaFitta	834.0881	Tr100	17.43	8.18	8.71	8.69	8.83	0.015267	0.18	13.17	44.91	0.11
ComplPerdaFitta	ComplPerdaFitta	834.0881	Tr200	20.13	8.18	8.74	8.72	8.87	0.015163	0.18	14.67	47.97	0.11
ComplPerdaFitta	ComplPerdaFitta	834.0881	Tr500	23.77	8.18	8.78	8.76	8.92	0.015408	0.19	16.94	53.29	0.11
ComplPerdaFitta	ComplPerdaFitta	584.3	Tr50	14.75	4.54	4.86	4.74	4.88	0.002450	0.07	29.63	125.08	0.04
ComplPerdaFitta	ComplPerdaFitta	584.3	Tr100	17.43	4.54	4.90	4.75	4.92	0.002119	0.07	34.69	127.90	0.04
ComplPerdaFitta	ComplPerdaFitta	584.3	Tr200	20.13	4.54	4.94	4.77	4.96	0.001946	0.07	39.51	136.93	0.04
ComplPerdaFitta	ComplPerdaFitta	584.3	Tr500	23.77	4.54	4.99	4.80	5.01	0.001958	0.08	47.48	164.19	0.04
ComplPerdaFitta	ComplPerdaFitta	562.9341	Tr50	14.75	4.34	4.83		4.84	0.001321	0.07	37.18	131.84	0.03
ComplPerdaFitta	ComplPerdaFitta	562.9341	Tr100	17.43	4.34	4.87		4.88	0.001235	0.07	43.36	140.30	0.03
ComplPerdaFitta	ComplPerdaFitta	562.9341	Tr200	20.13	4.34	4.92		4.93	0.001104	0.07	49.19	144.40	0.03
ComplPerdaFitta	ComplPerdaFitta	562.9341	Tr500	23.77	4.34	4.97		4.98	0.000993	0.07	56.93	145.92	0.03
ComplPerdaFitta	ComplPerdaFitta	540.8432	Tr50	14.75	3.93	4.70		4.70	0.011541	0.26	67.53	144.70	0.11
ComplPerdaFitta	ComplPerdaFitta	540.8432	Tr100	17.43	3.93	4.75		4.75	0.011676	0.28	74.53	144.70	0.11
ComplPerdaFitta	ComplPerdaFitta	540.8432	Tr200	20.13	3.93	4.79		4.80	0.011943	0.29	80.82	144.70	0.11

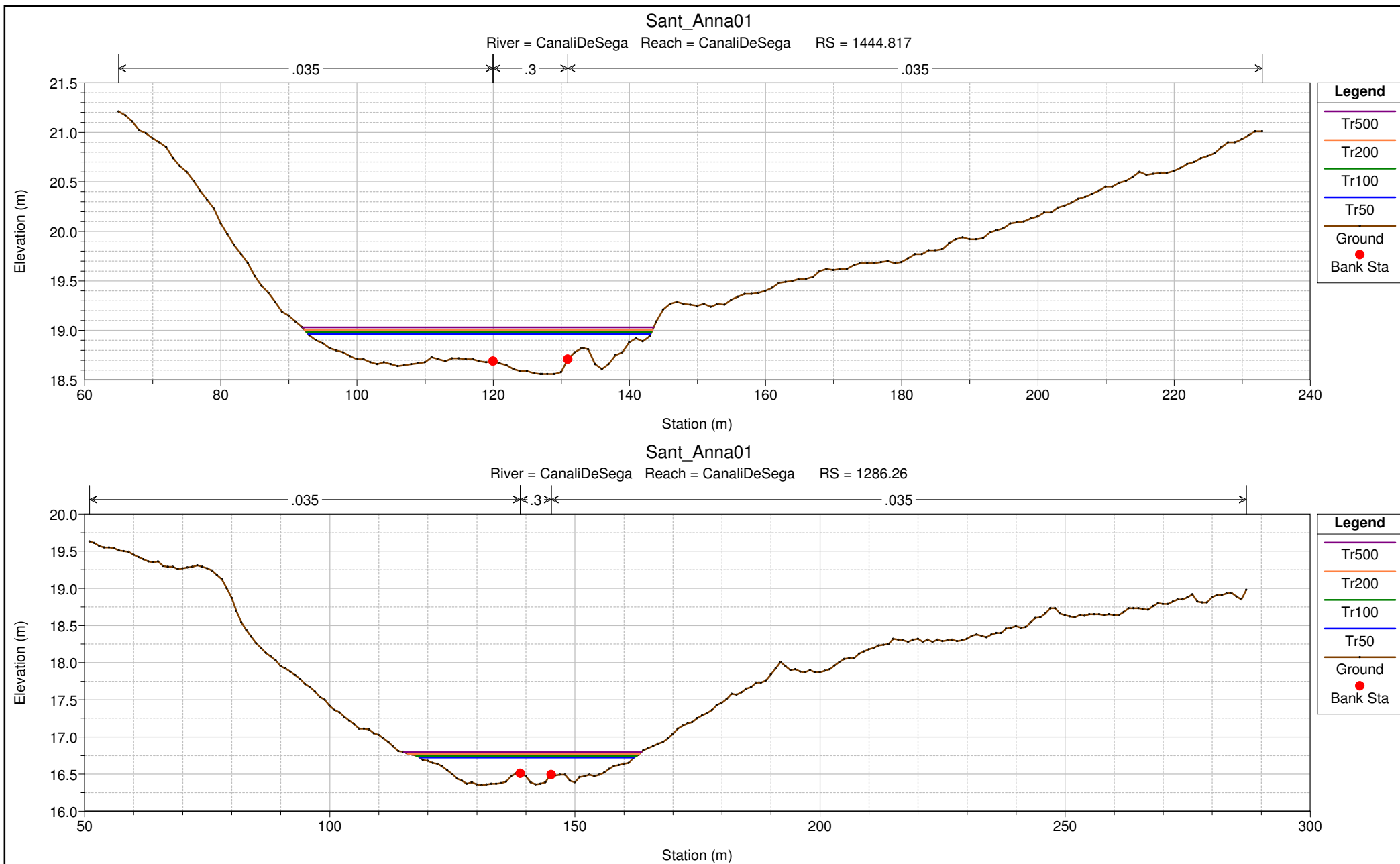
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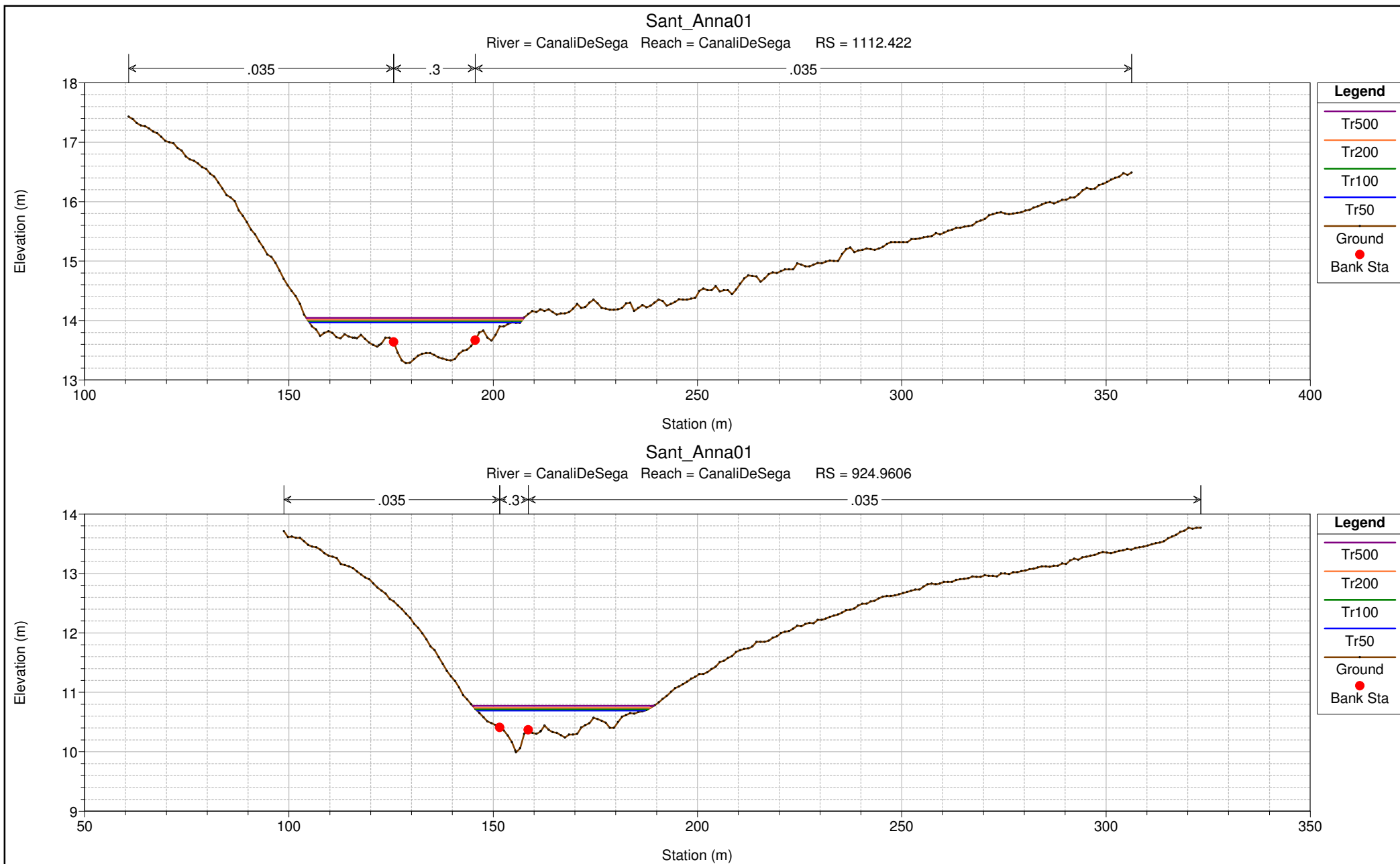
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
ComplPerdaFitta	ComplPerdaFitta	540.8432	Tr500	23.77	3.93	4.85		4.85	0.012199	0.31	88.86	144.70	0.11
ComplPerdaFitta	ComplPerdaFitta	263.1427	Tr50	14.75	1.43	1.59	1.47	1.60	0.001096	0.02	50.92	320.42	0.02
ComplPerdaFitta	ComplPerdaFitta	263.1427	Tr100	17.43	1.43	1.61	1.48	1.62	0.001112	0.02	57.05	328.65	0.02
ComplPerdaFitta	ComplPerdaFitta	263.1427	Tr200	20.13	1.43	1.63	1.49	1.63	0.001105	0.02	63.07	336.10	0.02
ComplPerdaFitta	ComplPerdaFitta	263.1427	Tr500	23.77	1.43	1.65	1.50	1.66	0.001071	0.03	71.29	343.36	0.02
ComplPerdaFitta	ComplPerdaFitta	99.02731	Tr50	14.75	0.03	1.27		1.28	0.001271	0.08	81.55	264.87	0.03
ComplPerdaFitta	ComplPerdaFitta	99.02731	Tr100	17.43	0.03	1.34		1.34	0.000853	0.07	99.70	286.74	0.03
ComplPerdaFitta	ComplPerdaFitta	99.02731	Tr200	20.13	0.03	1.40		1.40	0.000572	0.06	117.23	292.51	0.02
ComplPerdaFitta	ComplPerdaFitta	99.02731	Tr500	23.77	0.03	1.47		1.48	0.000398	0.06	138.38	293.89	0.02
RiulsPattetus	RiulsPattetus2	996.0613	Tr50	44.81	0.28	1.27		1.28	0.000105	0.03	172.30	206.28	0.01
RiulsPattetus	RiulsPattetus2	996.0613	Tr100	53.28	0.28	1.34		1.34	0.000124	0.03	185.53	207.62	0.01
RiulsPattetus	RiulsPattetus2	996.0613	Tr200	61.84	0.28	1.40		1.40	0.000136	0.04	197.81	208.36	0.01
RiulsPattetus	RiulsPattetus2	996.0613	Tr500	73.22	0.28	1.47		1.48	0.000152	0.04	212.58	209.40	0.01
RiulsPattetus	RiulsPattetus2	821.8096	Tr50	44.81	0.04	1.19		1.21	0.001169	0.10	80.20	184.99	0.03
RiulsPattetus	RiulsPattetus2	821.8096	Tr100	53.28	0.04	1.25		1.28	0.001136	0.10	92.14	201.15	0.03
RiulsPattetus	RiulsPattetus2	821.8096	Tr200	61.84	0.04	1.31		1.34	0.001124	0.10	104.29	226.01	0.03
RiulsPattetus	RiulsPattetus2	821.8096	Tr500	73.22	0.04	1.38		1.41	0.001091	0.11	121.69	266.30	0.03
RiulsPattetus	RiulsPattetus2	511.5872	Tr50	44.81	0.60	0.92		0.93	0.000486	0.03	87.15	127.26	0.02
RiulsPattetus	RiulsPattetus2	511.5872	Tr100	53.28	0.60	0.95		0.97	0.000595	0.03	91.69	130.09	0.02
RiulsPattetus	RiulsPattetus2	511.5872	Tr200	61.84	0.60	0.99		1.01	0.000695	0.04	96.45	132.57	0.02
RiulsPattetus	RiulsPattetus2	511.5872	Tr500	73.22	0.60	1.04		1.07	0.000817	0.04	102.64	133.66	0.03
RiulsPattetus	RiulsPattetus2	181.1308	Tr50	44.81	0.22	0.80	0.37	0.81	0.000268	0.03	156.84	307.67	0.02
RiulsPattetus	RiulsPattetus2	181.1308	Tr100	53.28	0.22	0.80	0.39	0.81	0.000380	0.04	156.84	307.67	0.02
RiulsPattetus	RiulsPattetus2	181.1308	Tr200	61.84	0.22	0.80	0.41	0.81	0.000511	0.05	156.84	307.67	0.02
RiulsPattetus	RiulsPattetus2	181.1308	Tr500	73.22	0.22	0.80	0.44	0.81	0.000717	0.05	156.84	307.67	0.03

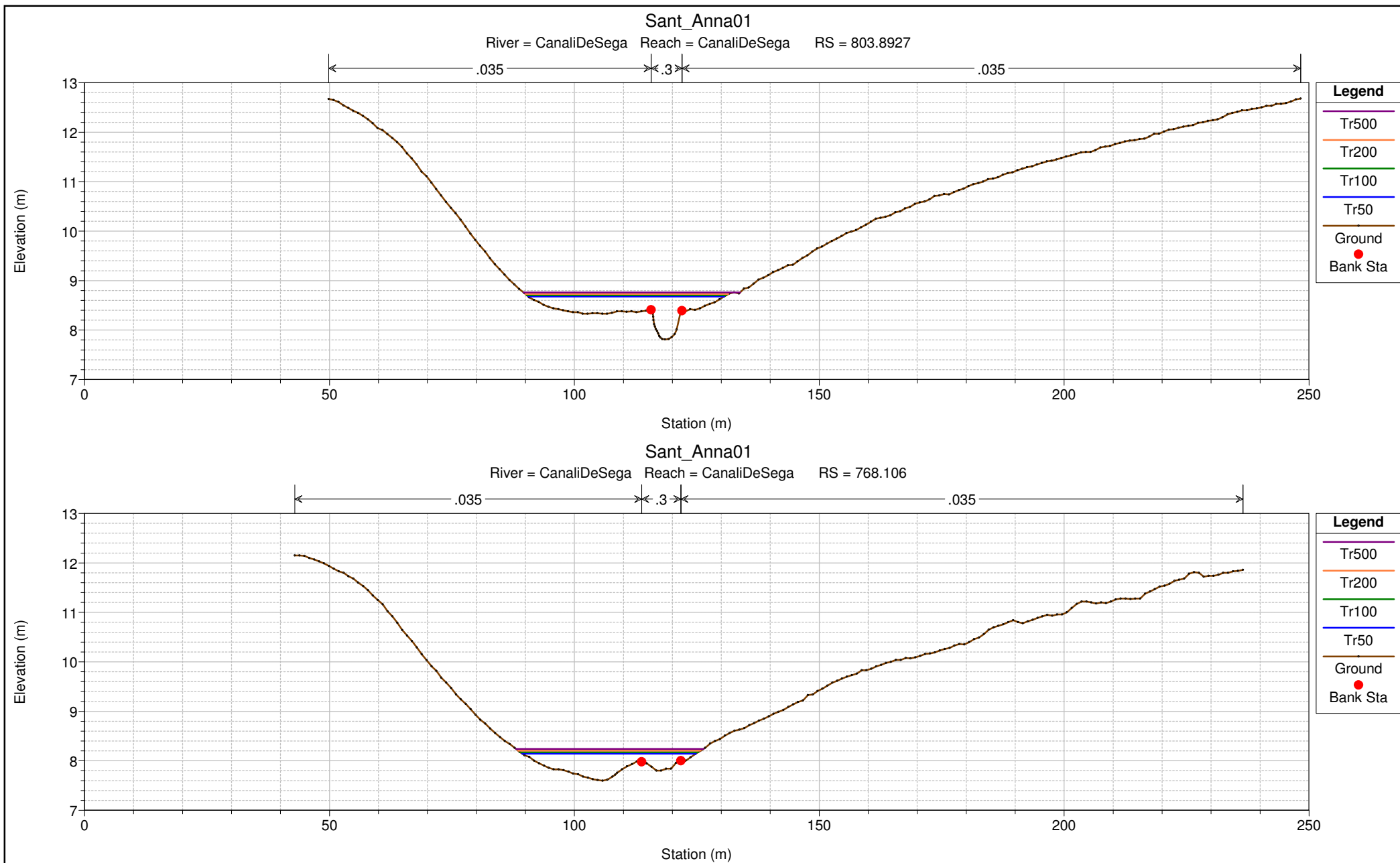


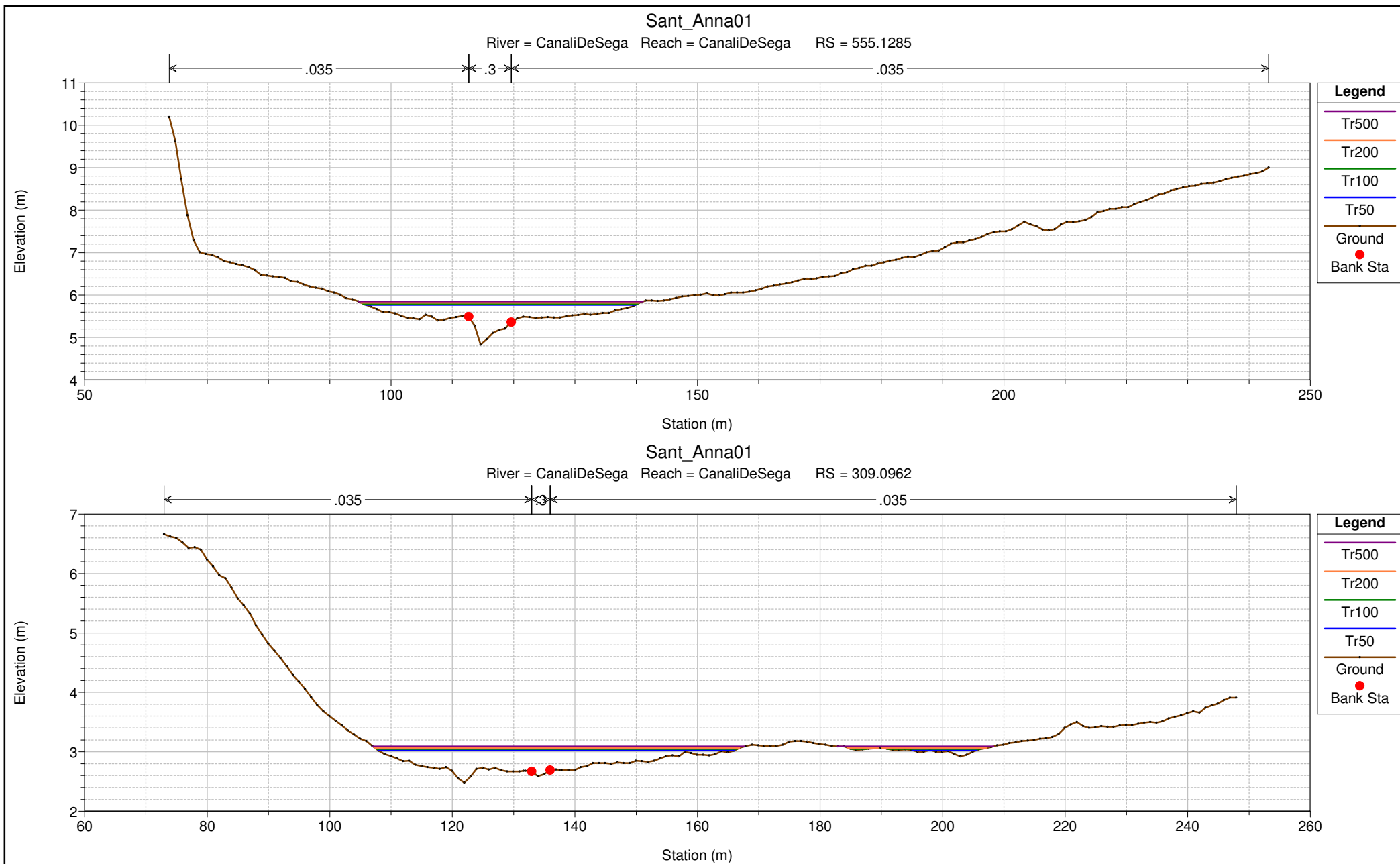


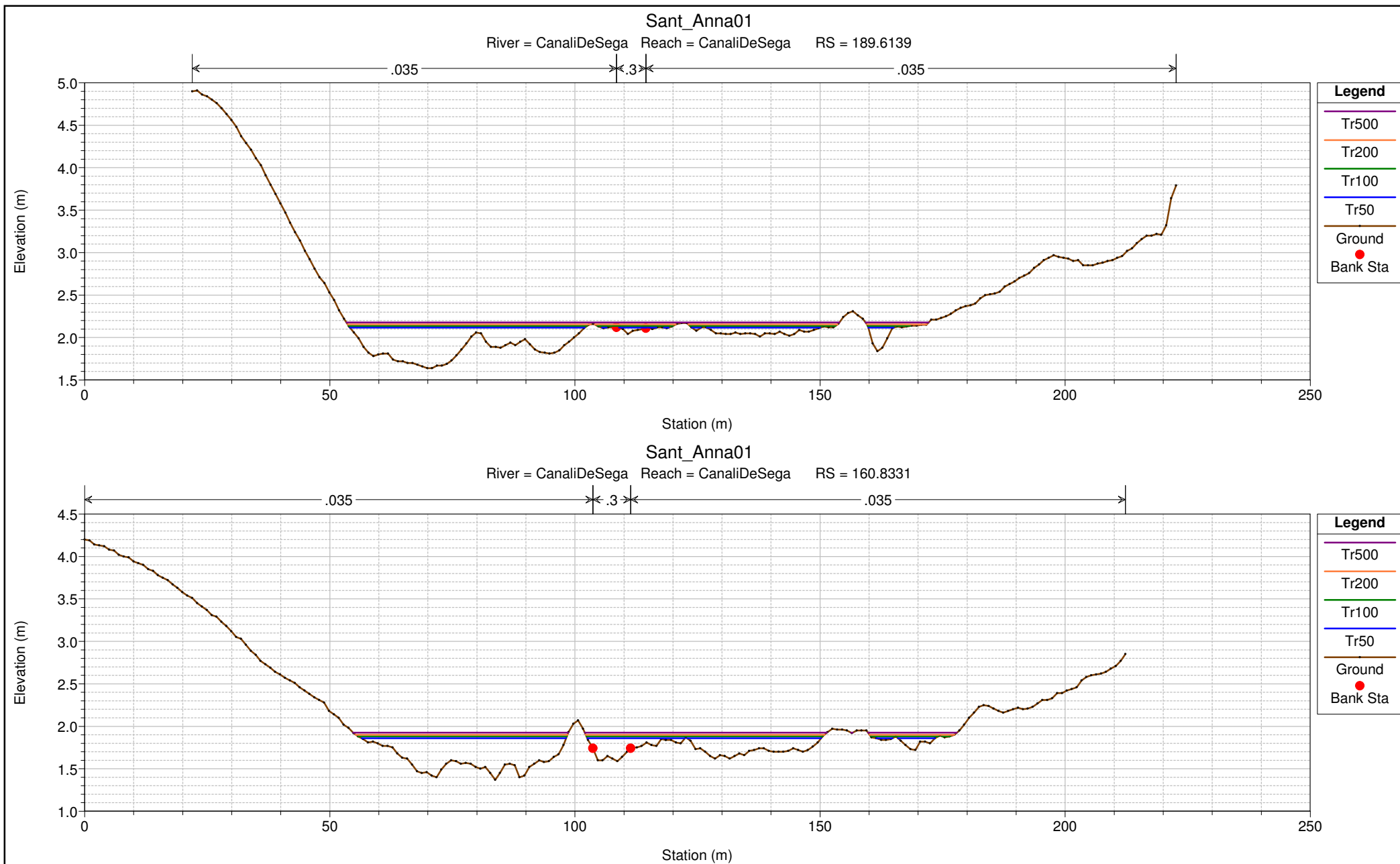


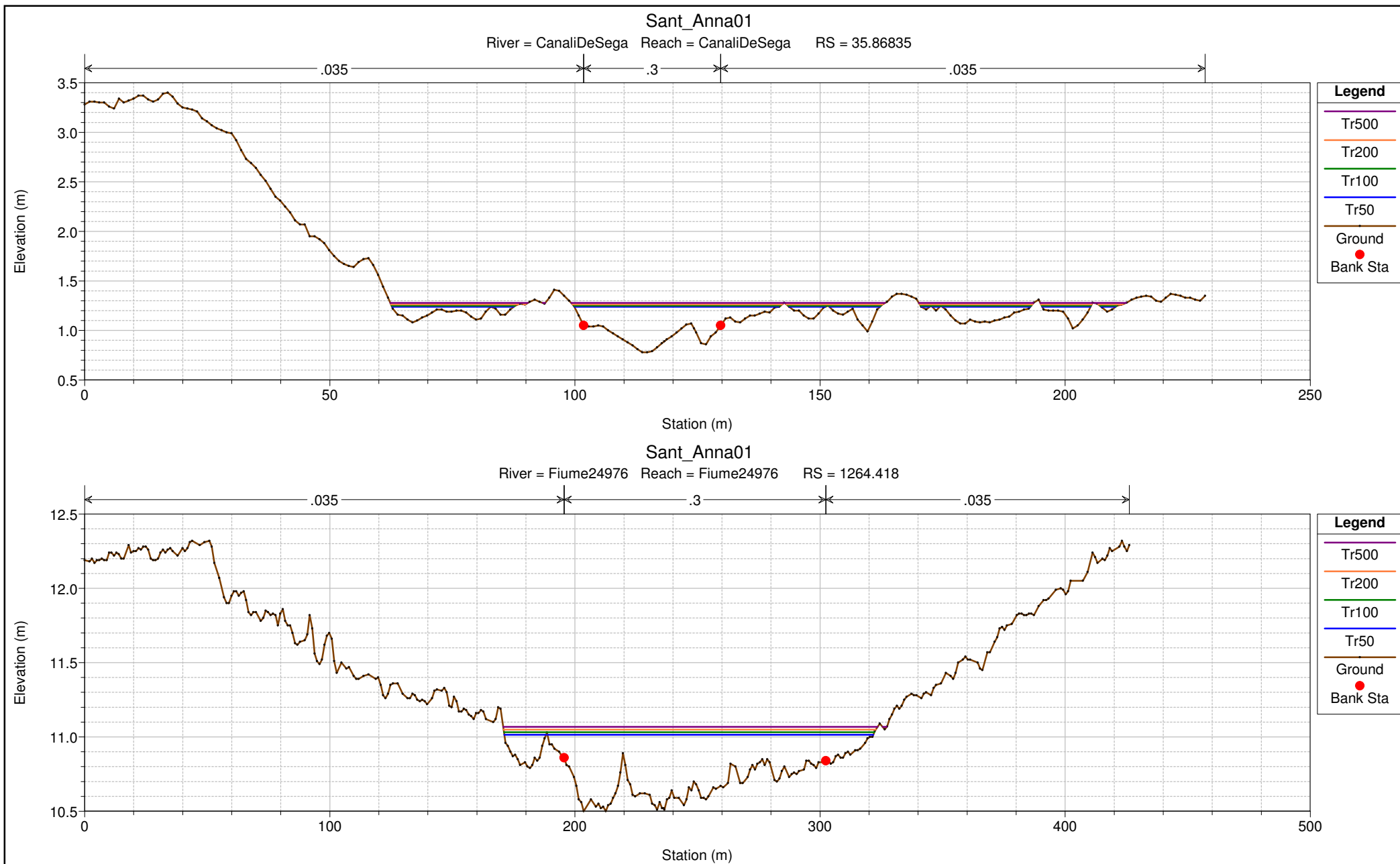


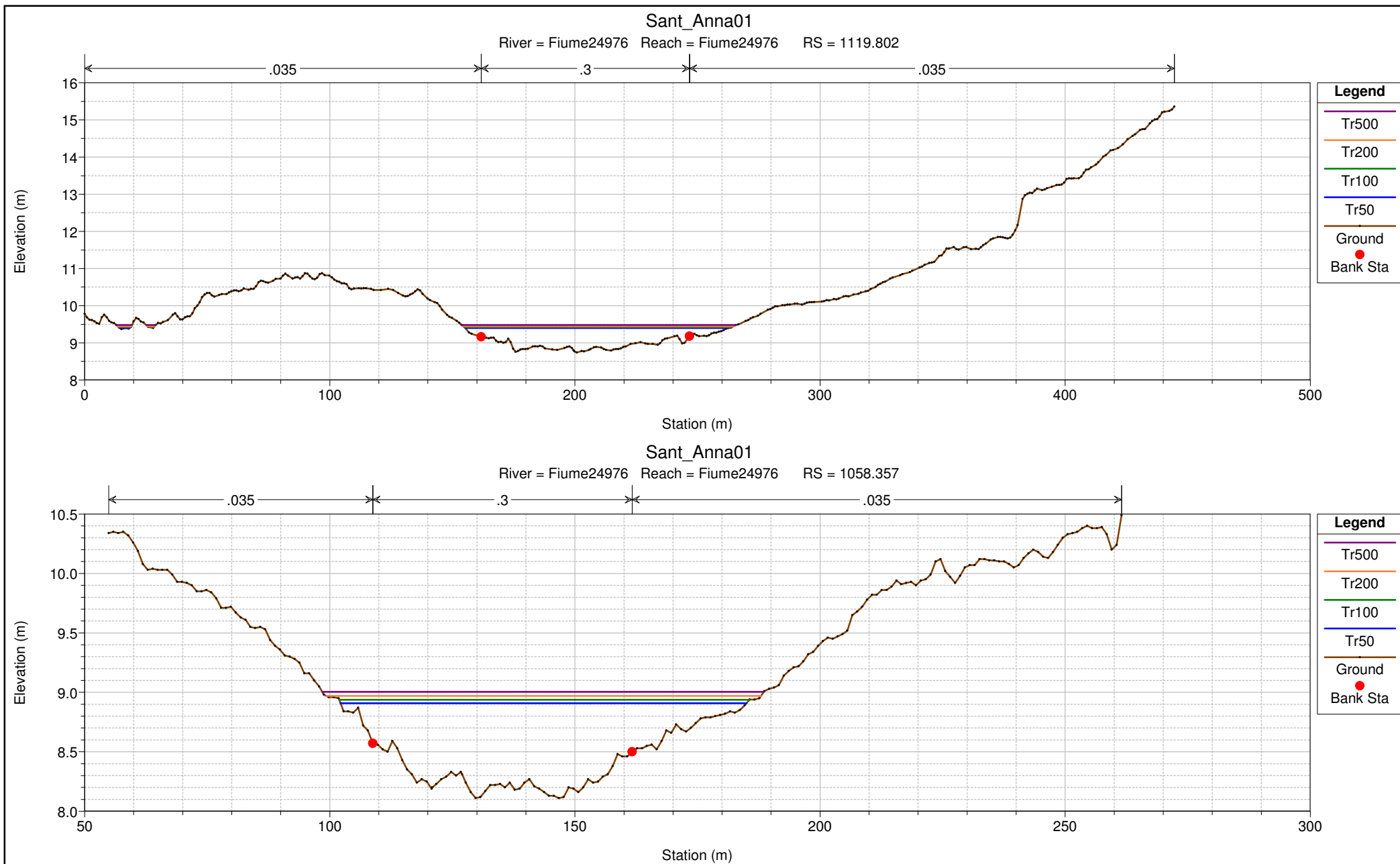


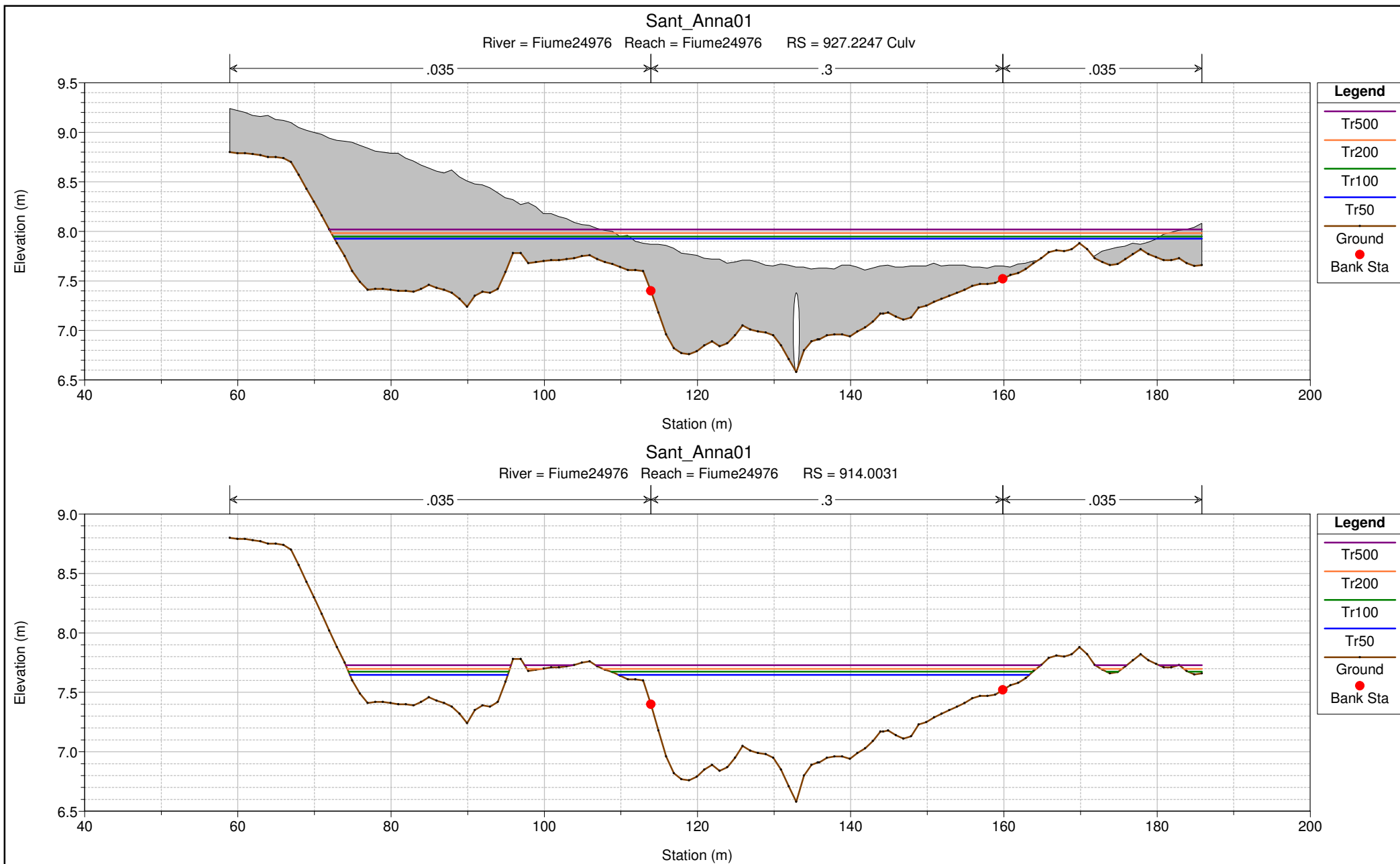


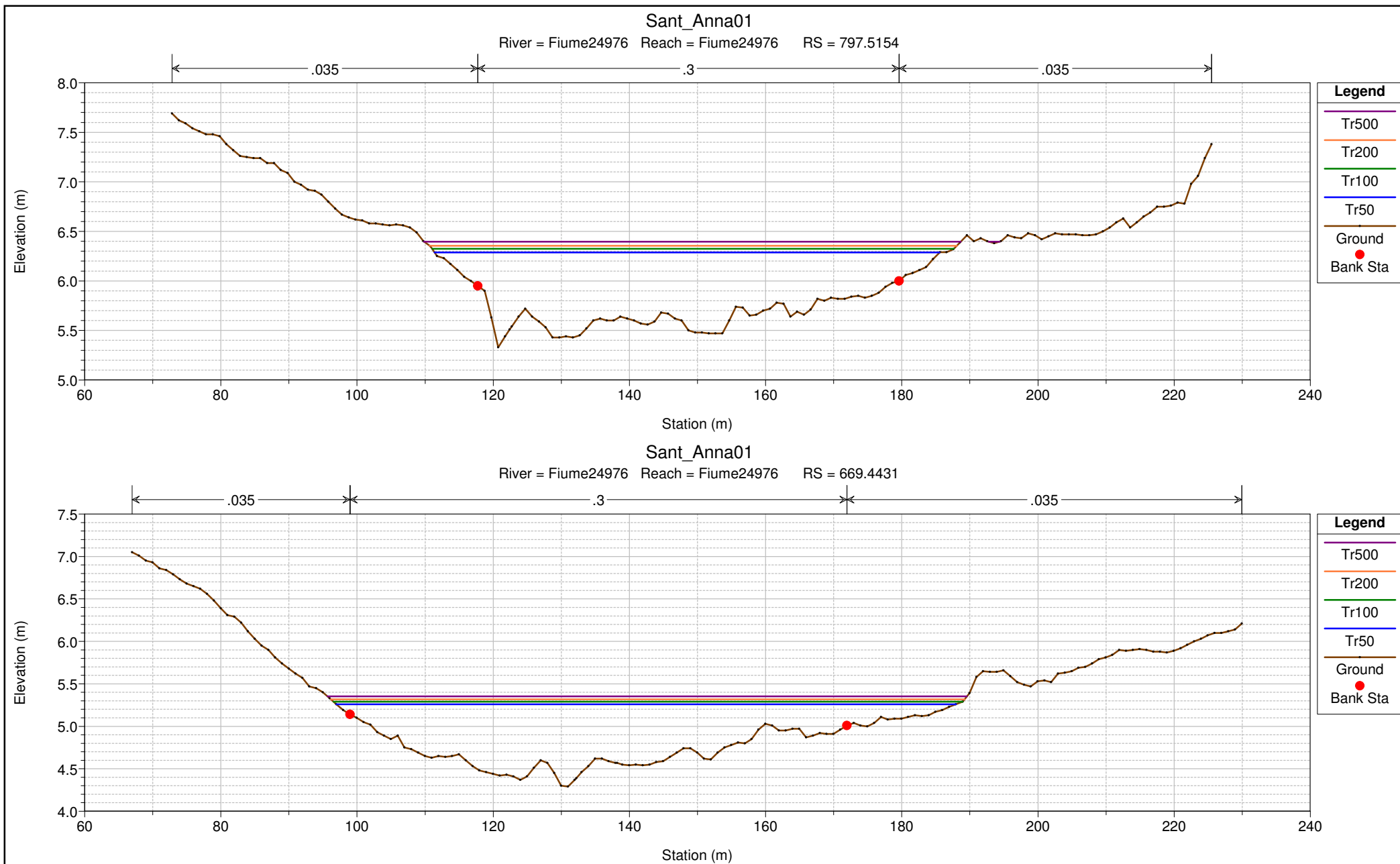


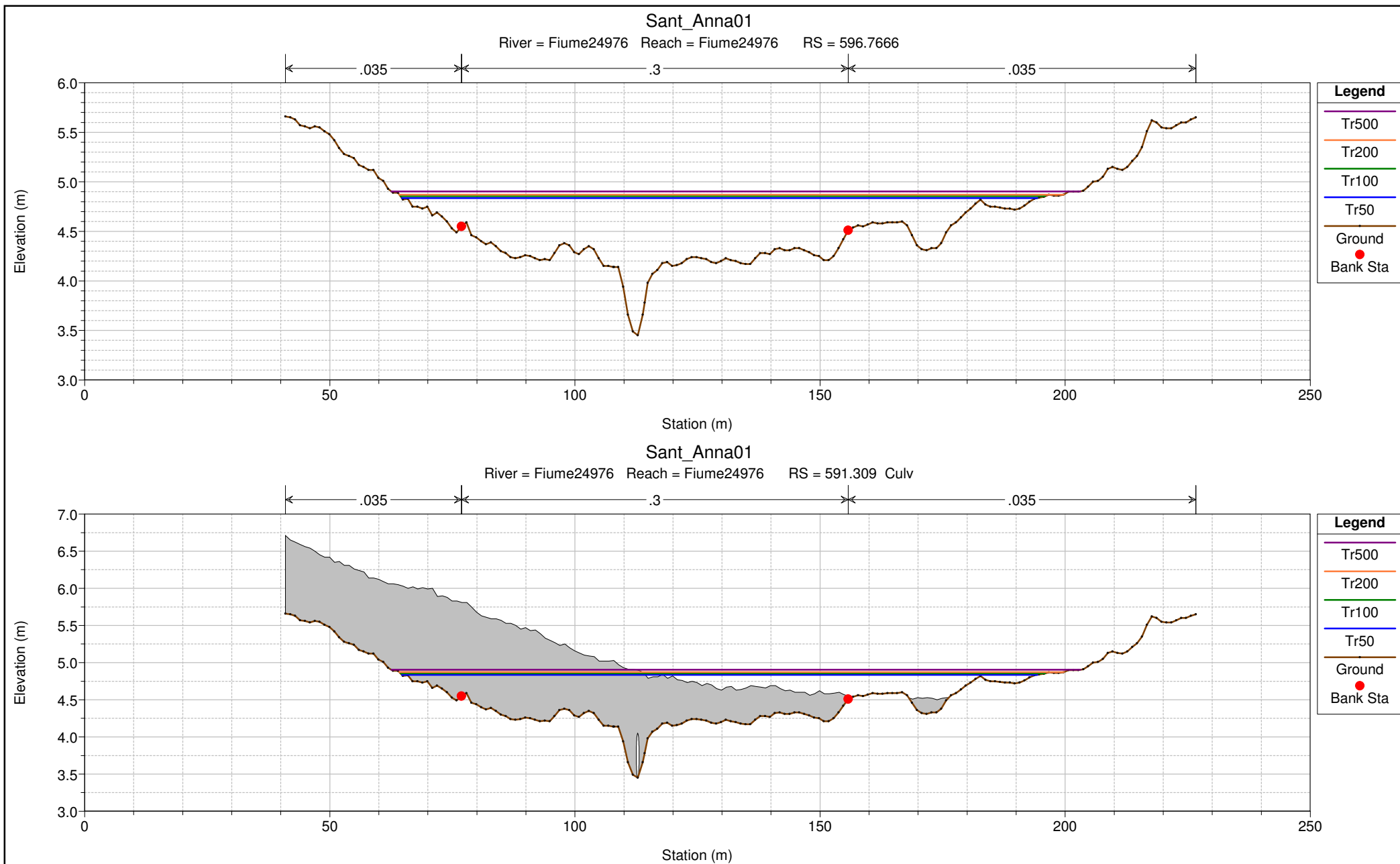


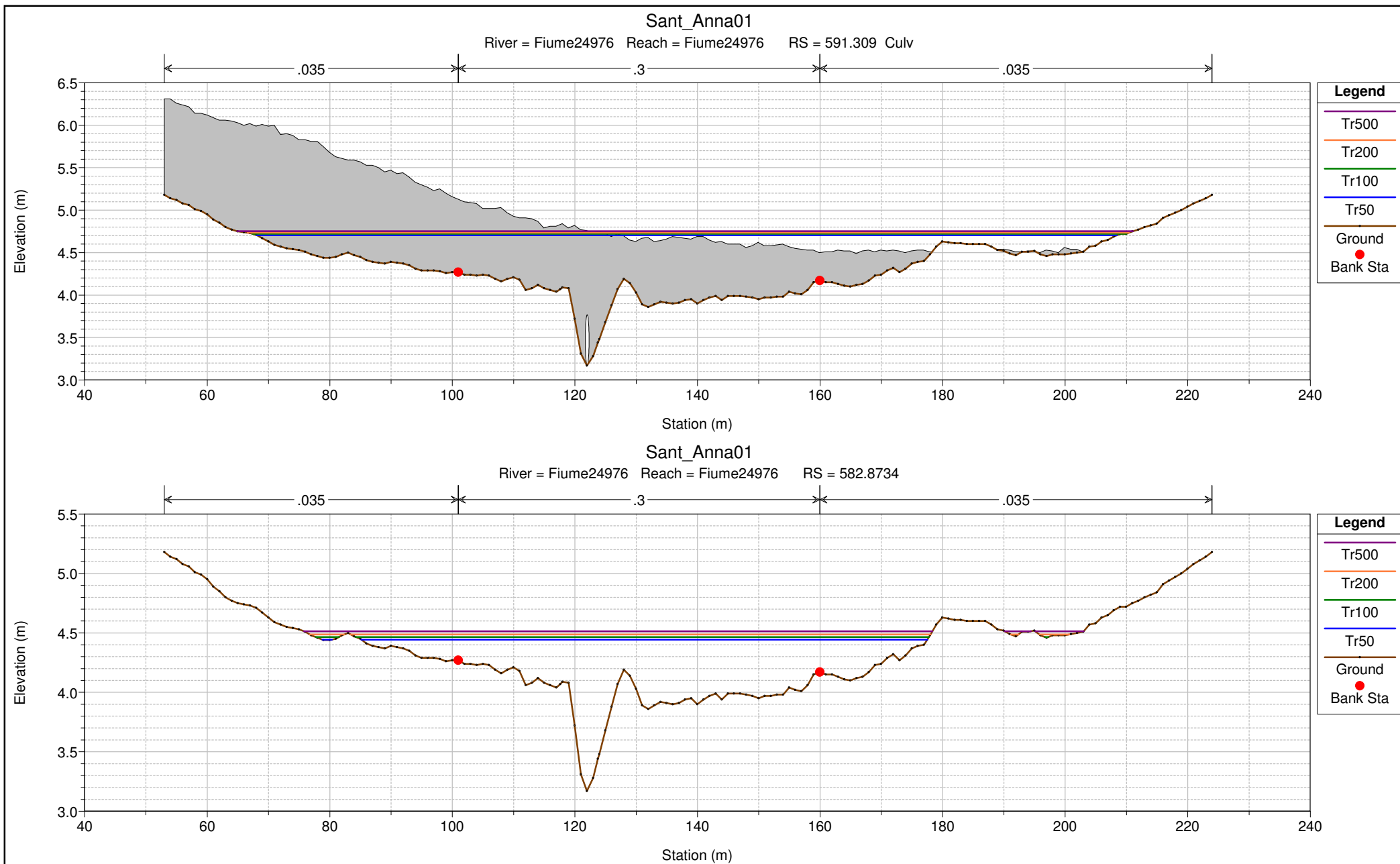


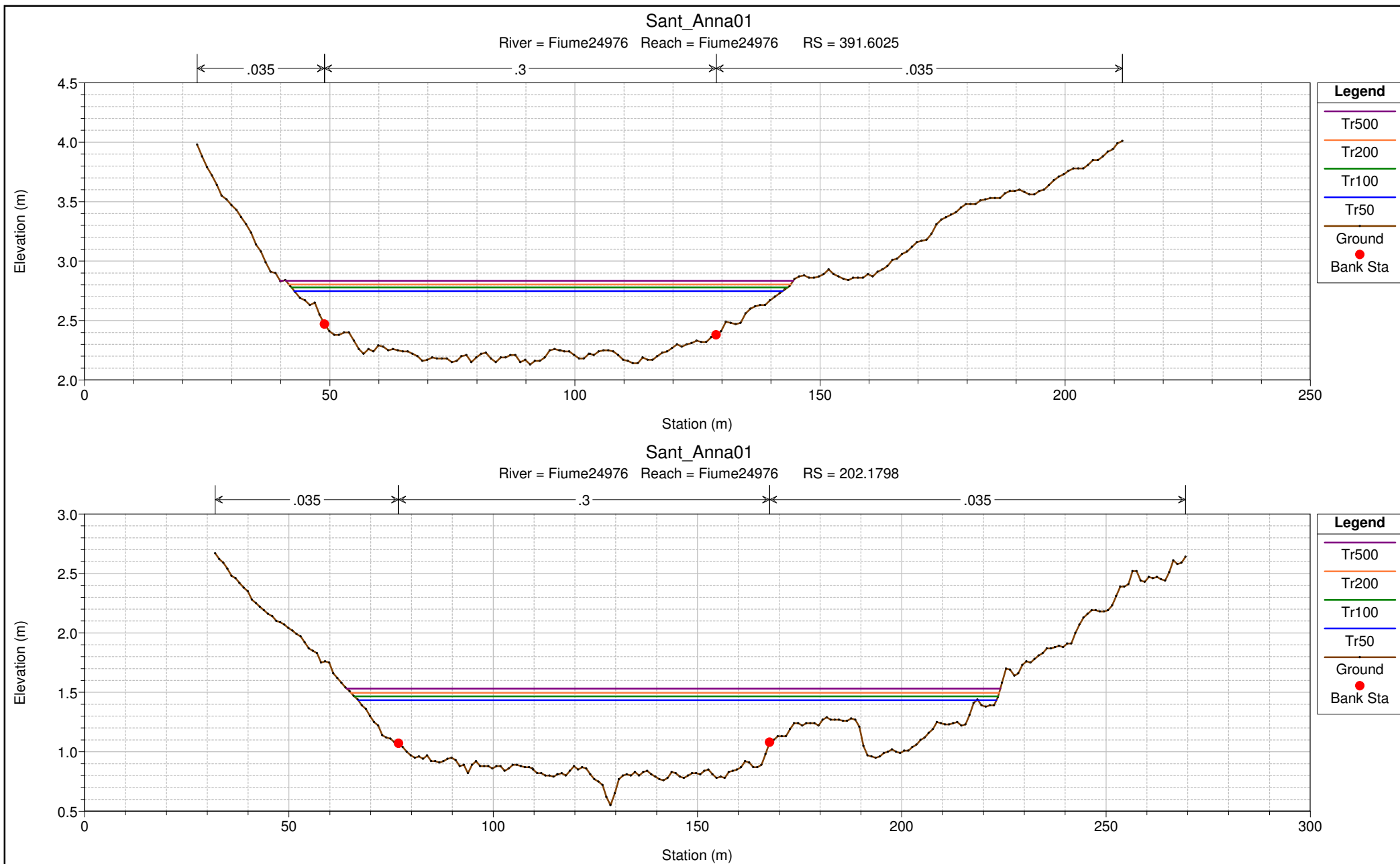


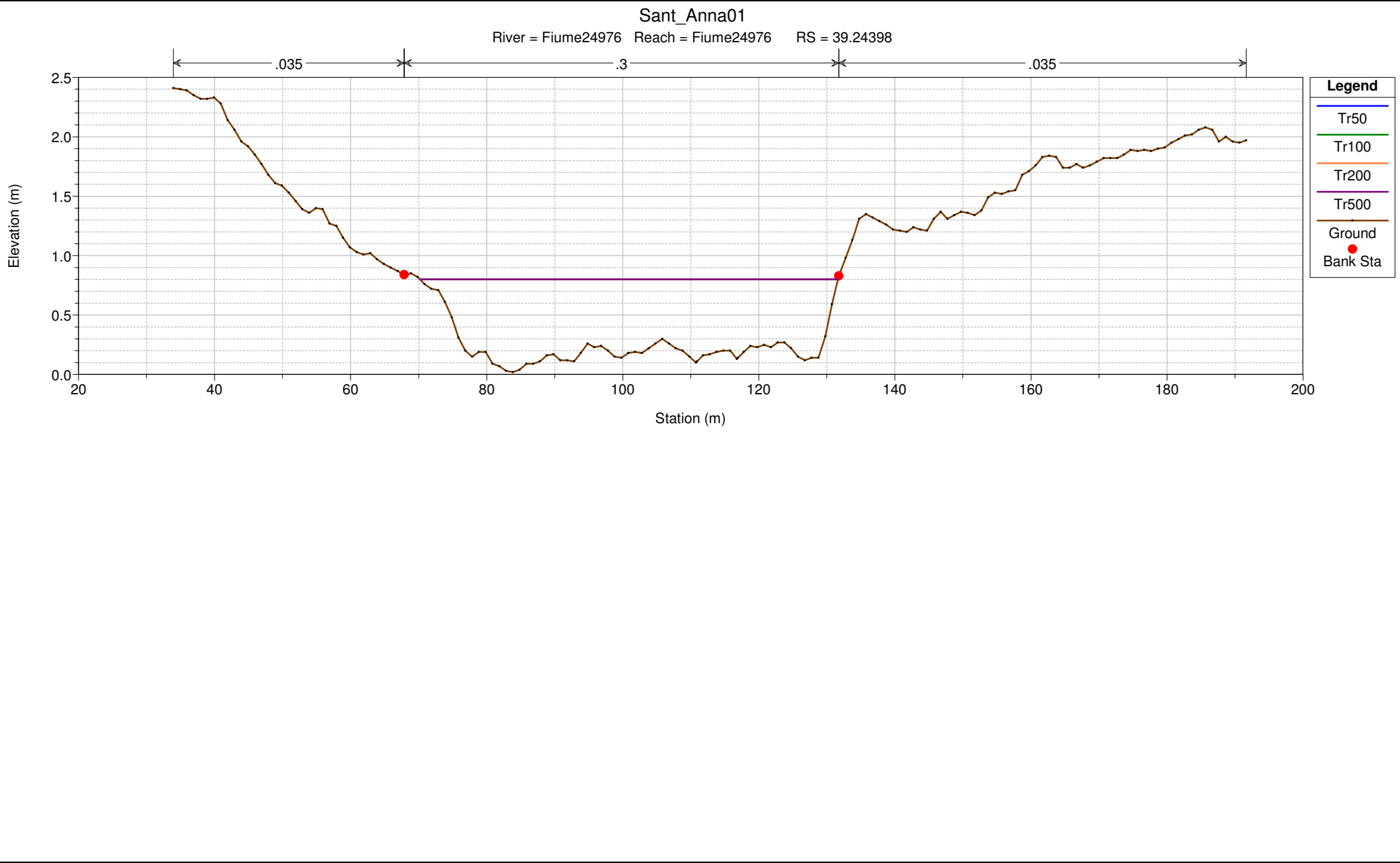


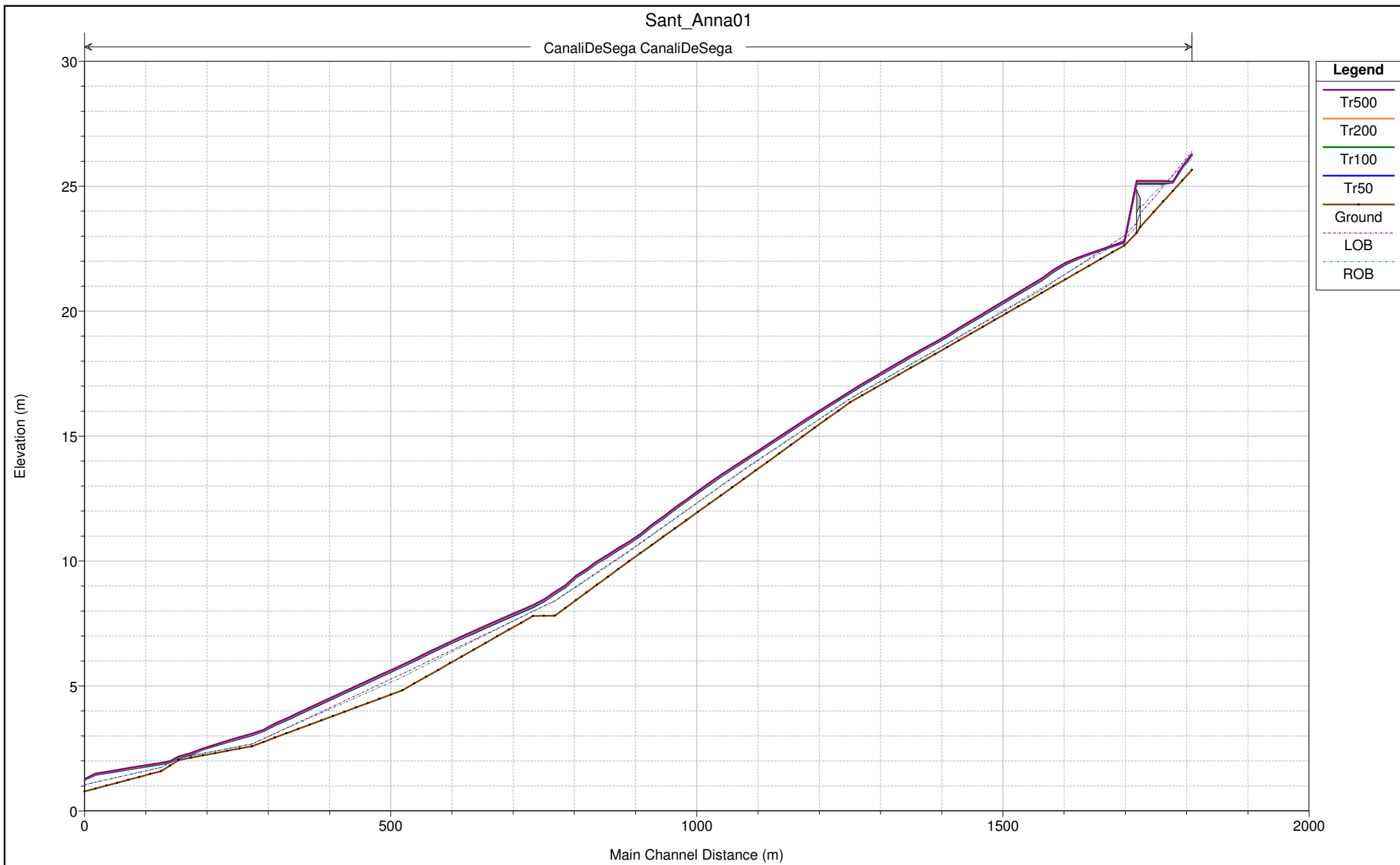


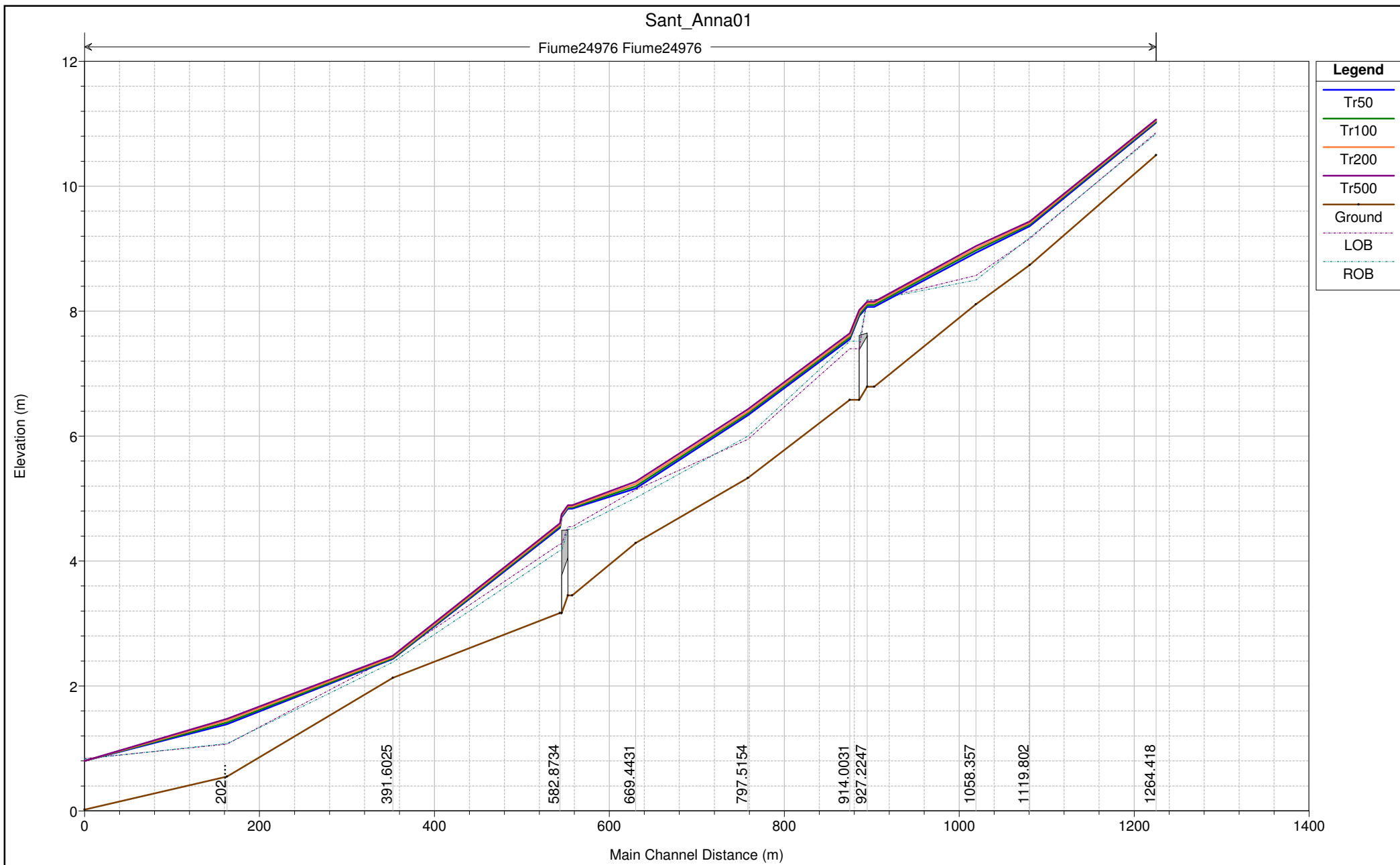












HEC-RAS Plan: def03 Locations: User Defined

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
CanaliDeSega	CanaliDeSega	1899.979	Tr50	11.60	25.65	26.25	26.21	26.30	0.024722	0.25	18.04	94.24	0.14
CanaliDeSega	CanaliDeSega	1899.979	Tr100	13.37	25.65	26.26	26.23	26.32	0.023951	0.26	19.46	95.20	0.14
CanaliDeSega	CanaliDeSega	1899.979	Tr200	15.16	25.65	26.28	26.25	26.34	0.023495	0.26	20.81	96.52	0.14
CanaliDeSega	CanaliDeSega	1899.979	Tr500	17.54	25.65	26.28	26.27	26.37	0.026846	0.28	21.64	96.86	0.15
CanaliDeSega	CanaliDeSega	1837.731	Tr50	11.60	23.97	25.11	24.42	25.11	0.000006	0.01	193.31	213.71	0.00
CanaliDeSega	CanaliDeSega	1837.731	Tr100	13.37	23.97	25.14	24.44	25.14	0.000007	0.01	199.93	214.98	0.00
CanaliDeSega	CanaliDeSega	1837.731	Tr200	15.16	23.97	25.17	24.47	25.17	0.000008	0.01	207.51	216.21	0.00
CanaliDeSega	CanaliDeSega	1837.731	Tr500	17.54	23.97	25.22	24.50	25.22	0.000010	0.01	217.53	217.84	0.00
CanaliDeSega	CanaliDeSega	1800		Culvert									
CanaliDeSega	CanaliDeSega	1734.186	Tr50	11.60	22.63	22.74	22.72	22.79	0.013143	0.04	11.72	87.16	0.07
CanaliDeSega	CanaliDeSega	1734.186	Tr100	13.37	22.63	22.76	22.73	22.81	0.013317	0.05	14.16	103.26	0.07
CanaliDeSega	CanaliDeSega	1734.186	Tr200	15.16	22.63	22.77	22.75	22.83	0.013773	0.05	15.34	106.13	0.08
CanaliDeSega	CanaliDeSega	1734.186	Tr500	17.54	22.63	22.79	22.77	22.85	0.013662	0.06	17.26	109.08	0.08
CanaliDeSega	CanaliDeSega	1599.37	Tr50	11.60	20.73	21.23		21.32	0.012080	0.21	11.21	37.15	0.10
CanaliDeSega	CanaliDeSega	1599.37	Tr100	13.37	20.73	21.26		21.36	0.012118	0.22	12.19	37.66	0.10
CanaliDeSega	CanaliDeSega	1599.37	Tr200	15.16	20.73	21.28		21.39	0.012155	0.23	13.14	38.13	0.10
CanaliDeSega	CanaliDeSega	1599.37	Tr500	17.54	20.73	21.31		21.43	0.012229	0.24	14.32	38.71	0.11
CanaliDeSega	CanaliDeSega	1444.817	Tr50	11.60	18.56	18.96		19.04	0.014005	0.20	12.63	50.30	0.11
CanaliDeSega	CanaliDeSega	1444.817	Tr100	13.37	18.56	18.98		19.07	0.013964	0.21	13.71	50.72	0.11
CanaliDeSega	CanaliDeSega	1444.817	Tr200	15.16	18.56	19.01		19.10	0.013849	0.21	14.78	51.12	0.11
CanaliDeSega	CanaliDeSega	1444.817	Tr500	17.54	18.56	19.03		19.13	0.013939	0.22	16.06	51.60	0.11
CanaliDeSega	CanaliDeSega	1286.26	Tr50	11.60	16.36	16.72	16.70	16.81	0.015738	0.19	10.35	43.71	0.11
CanaliDeSega	CanaliDeSega	1286.26	Tr100	13.37	16.36	16.75	16.72	16.84	0.015481	0.20	11.44	45.04	0.11
CanaliDeSega	CanaliDeSega	1286.26	Tr200	15.16	16.36	16.77	16.75	16.87	0.015549	0.21	12.55	47.23	0.11
CanaliDeSega	CanaliDeSega	1286.26	Tr500	17.54	16.36	16.80	16.77	16.91	0.015825	0.22	13.74	48.47	0.11
CanaliDeSega	CanaliDeSega	1112.422	Tr50	11.60	13.28	13.97		14.04	0.015863	0.28	17.46	51.43	0.12
CanaliDeSega	CanaliDeSega	1112.422	Tr100	13.37	13.28	13.99		14.07	0.016002	0.29	18.79	52.20	0.12
CanaliDeSega	CanaliDeSega	1112.422	Tr200	15.16	13.28	14.02		14.10	0.015869	0.30	20.01	52.69	0.12
CanaliDeSega	CanaliDeSega	1112.422	Tr500	17.54	13.28	14.04		14.14	0.016033	0.31	21.44	53.26	0.12

HEC-RAS Plan: def03 Locations: User Defined (Continued)

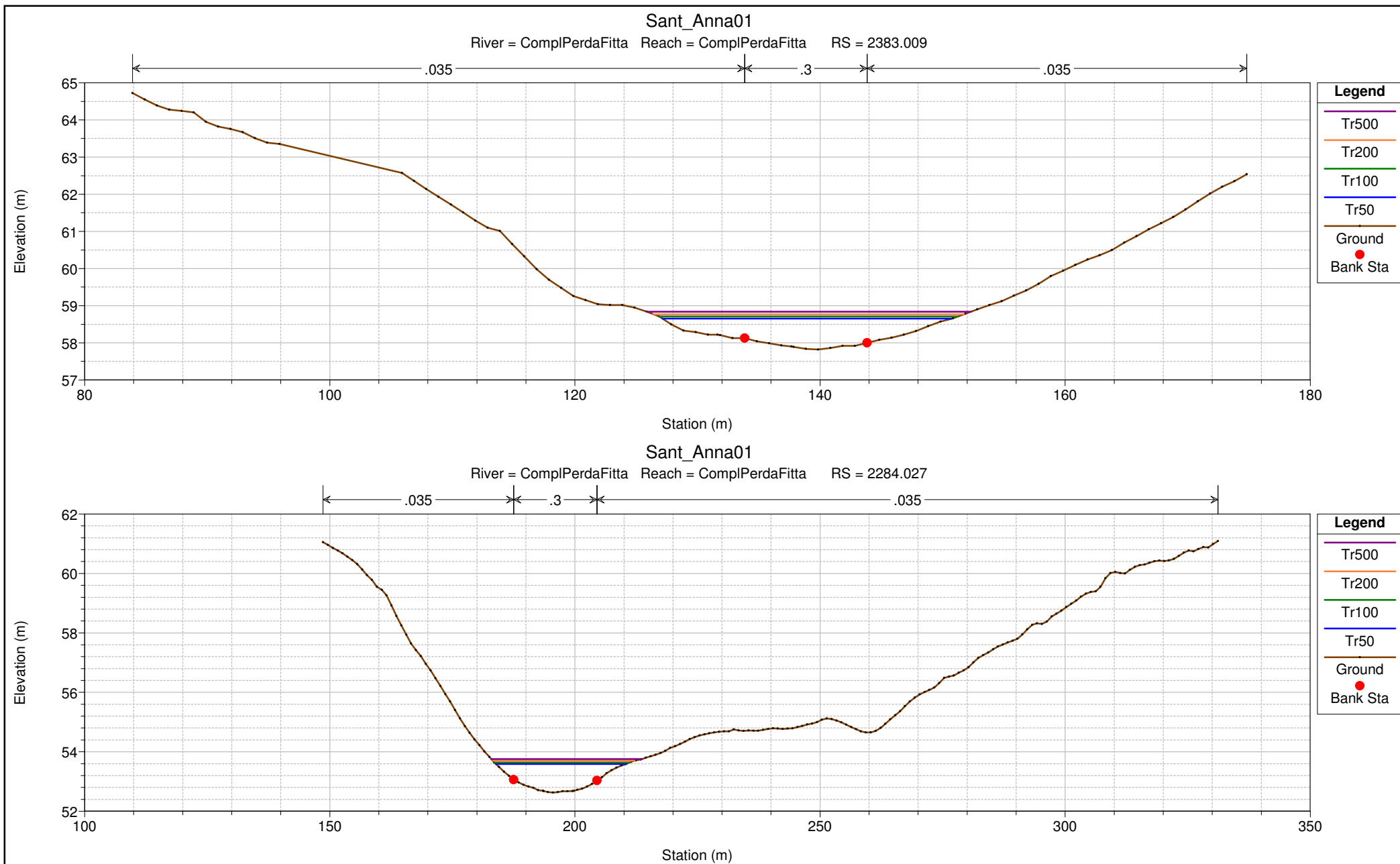
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
CanaliDeSega	CanaliDeSega	924.9606	Tr50	11.60	9.99	10.69		10.78	0.014878	0.25	11.36	41.20	0.11
CanaliDeSega	CanaliDeSega	924.9606	Tr100	13.37	9.99	10.72		10.81	0.014882	0.25	12.39	42.31	0.11
CanaliDeSega	CanaliDeSega	924.9606	Tr200	15.16	9.99	10.74		10.85	0.014639	0.26	13.42	43.23	0.11
CanaliDeSega	CanaliDeSega	924.9606	Tr500	17.54	9.99	10.77		10.88	0.014400	0.27	14.74	44.36	0.12
CanaliDeSega	CanaliDeSega	803.8927	Tr50	11.60	7.81	8.68	8.61	8.75	0.011271	0.27	12.87	40.06	0.10
CanaliDeSega	CanaliDeSega	803.8927	Tr100	13.37	7.81	8.70	8.63	8.78	0.011201	0.28	13.94	40.79	0.10
CanaliDeSega	CanaliDeSega	803.8927	Tr200	15.16	7.81	8.73	8.66	8.82	0.011225	0.28	14.94	41.47	0.11
CanaliDeSega	CanaliDeSega	803.8927	Tr500	17.54	7.81	8.76	8.69	8.86	0.011301	0.29	16.36	44.26	0.11
CanaliDeSega	CanaliDeSega	768.106	Tr50	11.60	7.80	8.15		8.24	0.010246	0.14	10.47	35.54	0.09
CanaliDeSega	CanaliDeSega	768.106	Tr100	13.37	7.80	8.18		8.28	0.010245	0.15	11.56	36.48	0.09
CanaliDeSega	CanaliDeSega	768.106	Tr200	15.16	7.80	8.21		8.32	0.010245	0.16	12.62	37.32	0.09
CanaliDeSega	CanaliDeSega	768.106	Tr500	17.54	7.80	8.24		8.36	0.010261	0.17	13.95	38.34	0.09
CanaliDeSega	CanaliDeSega	555.1285	Tr50	11.60	4.83	5.77		5.84	0.011362	0.26	13.29	44.11	0.10
CanaliDeSega	CanaliDeSega	555.1285	Tr100	13.37	4.83	5.80		5.87	0.011185	0.26	14.44	44.84	0.10
CanaliDeSega	CanaliDeSega	555.1285	Tr200	15.16	4.83	5.82		5.90	0.011286	0.27	15.44	45.44	0.10
CanaliDeSega	CanaliDeSega	555.1285	Tr500	17.54	4.83	5.85		5.94	0.011401	0.28	16.75	46.41	0.11
CanaliDeSega	CanaliDeSega	309.0962	Tr50	11.60	2.59	3.03		3.07	0.006684	0.15	14.12	68.56	0.07
CanaliDeSega	CanaliDeSega	309.0962	Tr100	13.37	2.59	3.05		3.09	0.006763	0.15	15.62	76.70	0.08
CanaliDeSega	CanaliDeSega	309.0962	Tr200	15.16	2.59	3.07		3.12	0.006847	0.16	17.09	81.58	0.08
CanaliDeSega	CanaliDeSega	309.0962	Tr500	17.54	2.59	3.09		3.14	0.006698	0.16	19.27	86.22	0.08
CanaliDeSega	CanaliDeSega	189.6139	Tr50	11.60	2.04	2.12		2.15	0.005016	0.02	15.22	87.86	0.04
CanaliDeSega	CanaliDeSega	189.6139	Tr100	13.37	2.04	2.14	2.05	2.17	0.005315	0.03	17.07	102.25	0.05
CanaliDeSega	CanaliDeSega	189.6139	Tr200	15.16	2.04	2.15	2.07	2.19	0.005451	0.04	19.00	108.91	0.05
CanaliDeSega	CanaliDeSega	189.6139	Tr500	17.54	2.04	2.18	2.09	2.22	0.005695	0.05	21.70	113.53	0.05
CanaliDeSega	CanaliDeSega	160.8331	Tr50	11.60	1.59	1.86	1.77	1.89	0.003970	0.08	18.83	100.12	0.05
CanaliDeSega	CanaliDeSega	160.8331	Tr100	13.37	1.59	1.88	1.79	1.91	0.004021	0.08	21.08	106.39	0.05
CanaliDeSega	CanaliDeSega	160.8331	Tr200	15.16	1.59	1.90	1.81	1.93	0.004017	0.09	23.15	109.31	0.05
CanaliDeSega	CanaliDeSega	160.8331	Tr500	17.54	1.59	1.93		1.96	0.003976	0.09	25.79	111.83	0.05
CanaliDeSega	CanaliDeSega	35.86835	Tr50	11.60	0.78	1.24	1.24	1.30	0.044417	0.32	15.90	118.23	0.18
CanaliDeSega	CanaliDeSega	35.86835	Tr100	13.37	0.78	1.25	1.25	1.31	0.045205	0.33	17.25	122.58	0.19

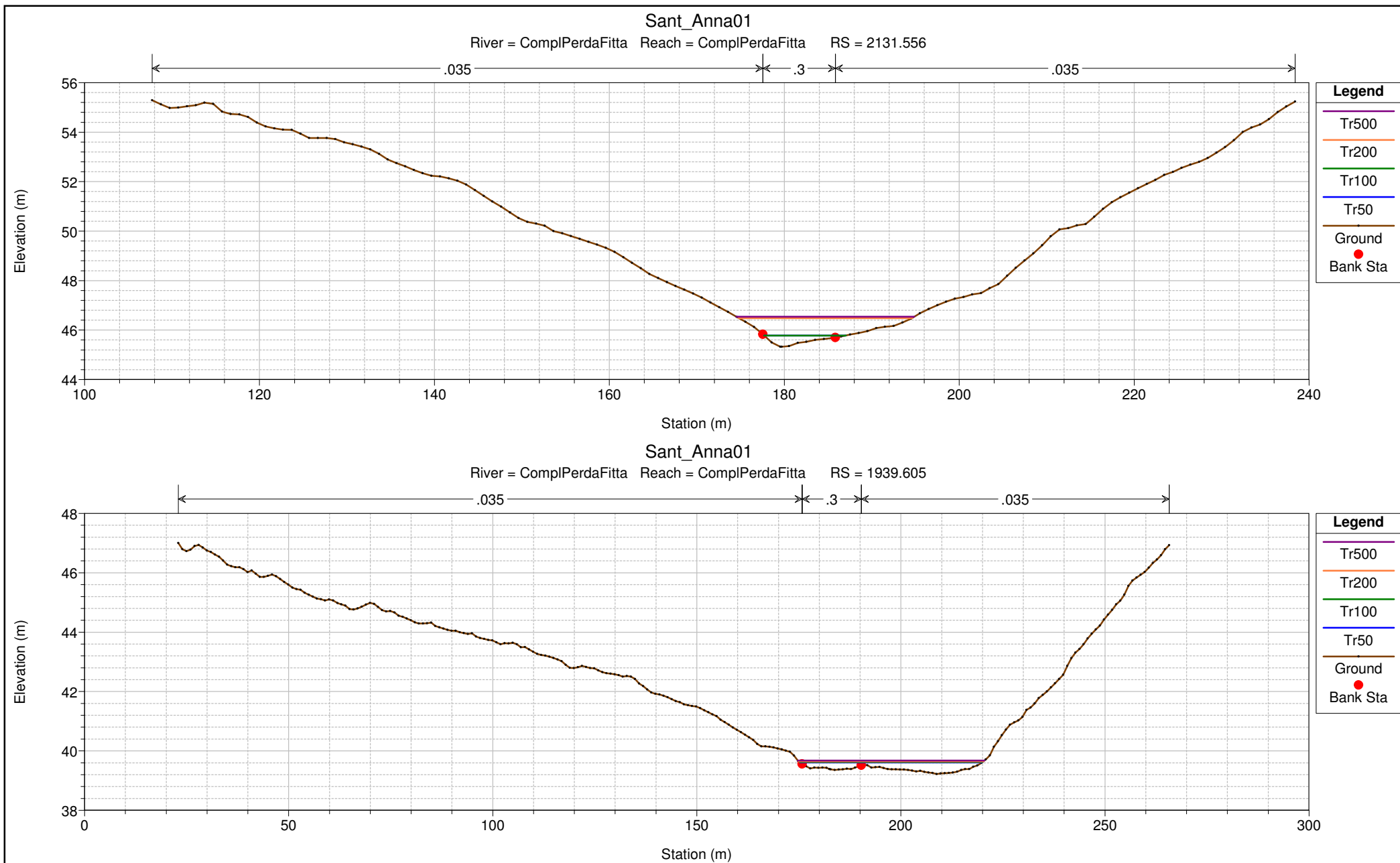
HEC-RAS Plan: def03 Locations: User Defined (Continued)

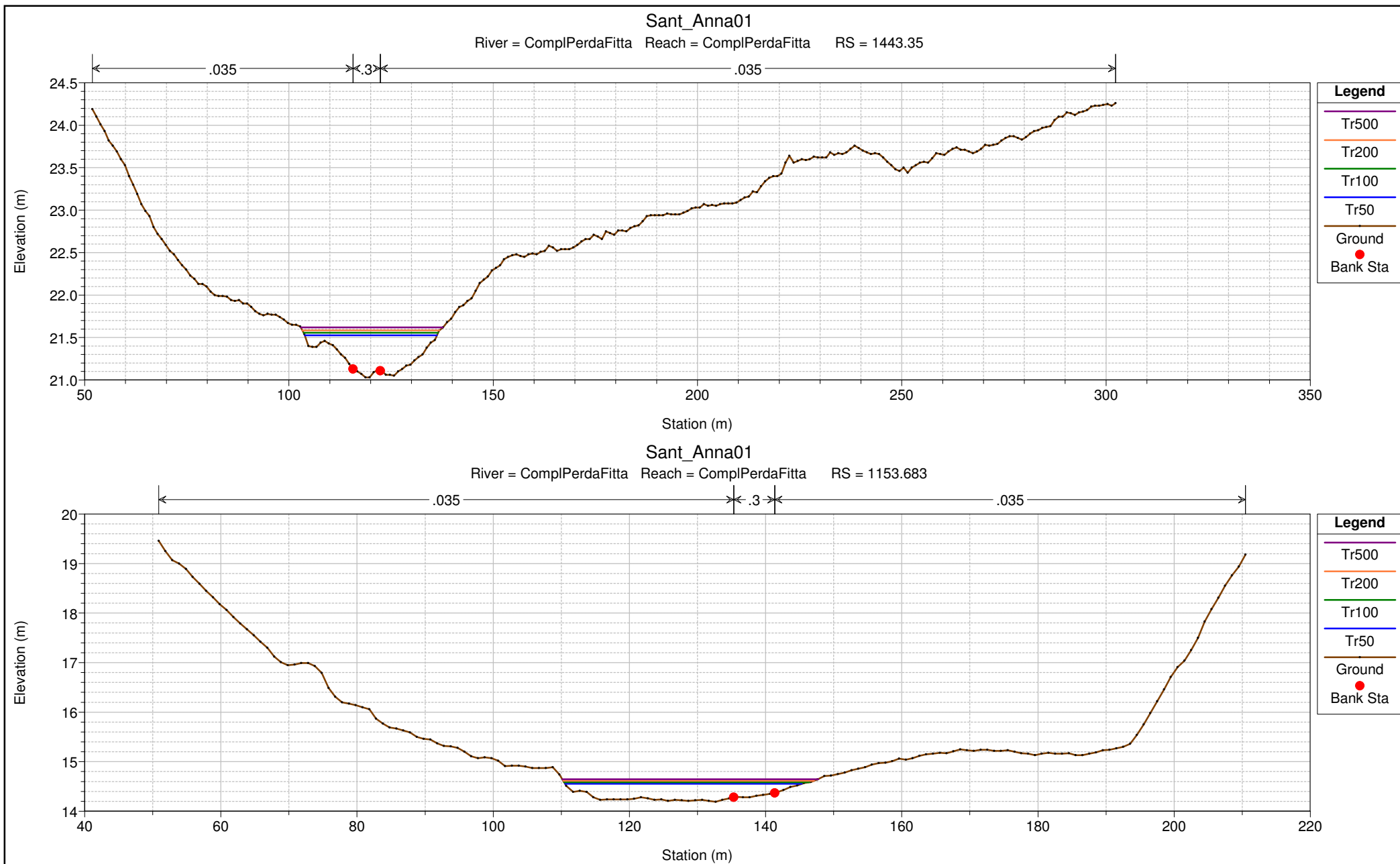
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
CanaliDeSega	CanaliDeSega	35.86835	Tr200	15.16	0.78	1.26	1.26	1.33	0.040773	0.32	18.87	127.06	0.18
CanaliDeSega	CanaliDeSega	35.86835	Tr500	17.54	0.78	1.28	1.28	1.35	0.038186	0.32	20.78	133.15	0.17
Fiume24976	Fiume24976	1264.418	Tr50	9.95	10.50	11.01	10.74	11.03	0.010796	0.17	41.09	149.98	0.09
Fiume24976	Fiume24976	1264.418	Tr100	11.30	10.50	11.03	10.75	11.05	0.010736	0.17	43.72	151.13	0.09
Fiume24976	Fiume24976	1264.418	Tr200	12.65	10.50	11.05	10.77	11.07	0.010480	0.18	46.28	151.84	0.09
Fiume24976	Fiume24976	1264.418	Tr500	14.47	10.50	11.07	10.78	11.09	0.010678	0.18	49.06	154.43	0.09
Fiume24976	Fiume24976	1119.802	Tr50	9.95	8.74	9.40		9.40	0.008995	0.19	42.68	110.94	0.09
Fiume24976	Fiume24976	1119.802	Tr100	11.30	8.74	9.42		9.43	0.008815	0.19	45.73	116.05	0.09
Fiume24976	Fiume24976	1119.802	Tr200	12.65	8.74	9.45		9.46	0.008602	0.20	48.63	118.86	0.09
Fiume24976	Fiume24976	1119.802	Tr500	14.47	8.74	9.48		9.49	0.008302	0.20	52.38	121.93	0.09
Fiume24976	Fiume24976	1058.357	Tr50	9.95	8.11	8.91		8.92	0.005527	0.18	38.84	82.81	0.07
Fiume24976	Fiume24976	1058.357	Tr100	11.30	8.11	8.94		8.95	0.005383	0.19	41.34	83.68	0.07
Fiume24976	Fiume24976	1058.357	Tr200	12.65	8.11	8.97		8.98	0.005318	0.19	44.11	88.66	0.07
Fiume24976	Fiume24976	1058.357	Tr500	14.47	8.11	9.00		9.02	0.005144	0.19	47.20	90.08	0.07
Fiume24976	Fiume24976	942.0067	Tr50	9.95	6.79	8.08	7.54	8.08	0.012951	0.23	42.44	87.10	0.11
Fiume24976	Fiume24976	942.0067	Tr100	11.30	6.79	8.09	7.56	8.10	0.014986	0.26	43.94	87.59	0.12
Fiume24976	Fiume24976	942.0067	Tr200	12.65	6.79	8.12	7.58	8.13	0.015834	0.27	46.42	88.41	0.12
Fiume24976	Fiume24976	942.0067	Tr500	14.47	6.79	8.15	7.60	8.16	0.017285	0.29	49.35	94.91	0.13
Fiume24976	Fiume24976	927.2247		Culvert									
Fiume24976	Fiume24976	914.0031	Tr50	9.95	6.58	7.65		7.67	0.007150	0.20	32.41	74.22	0.08
Fiume24976	Fiume24976	914.0031	Tr100	11.30	6.58	7.67		7.70	0.007110	0.20	34.47	79.25	0.08
Fiume24976	Fiume24976	914.0031	Tr200	12.65	6.58	7.70		7.72	0.007101	0.21	36.46	84.86	0.08
Fiume24976	Fiume24976	914.0031	Tr500	14.47	6.58	7.73		7.76	0.007068	0.21	39.13	95.37	0.08
Fiume24976	Fiume24976	797.5154	Tr50	9.95	5.33	6.29		6.29	0.007568	0.21	41.37	74.17	0.09
Fiume24976	Fiume24976	797.5154	Tr100	11.30	5.33	6.32		6.33	0.007670	0.22	44.15	76.62	0.09
Fiume24976	Fiume24976	797.5154	Tr200	12.65	5.33	6.36		6.37	0.007707	0.23	46.61	77.45	0.09
Fiume24976	Fiume24976	797.5154	Tr500	14.47	5.33	6.40		6.41	0.007752	0.24	49.80	80.47	0.09
Fiume24976	Fiume24976	669.4431	Tr50	9.95	4.29	5.26		5.27	0.007362	0.20	44.11	91.00	0.08
Fiume24976	Fiume24976	669.4431	Tr100	11.30	4.29	5.29		5.30	0.007443	0.20	46.85	92.41	0.08

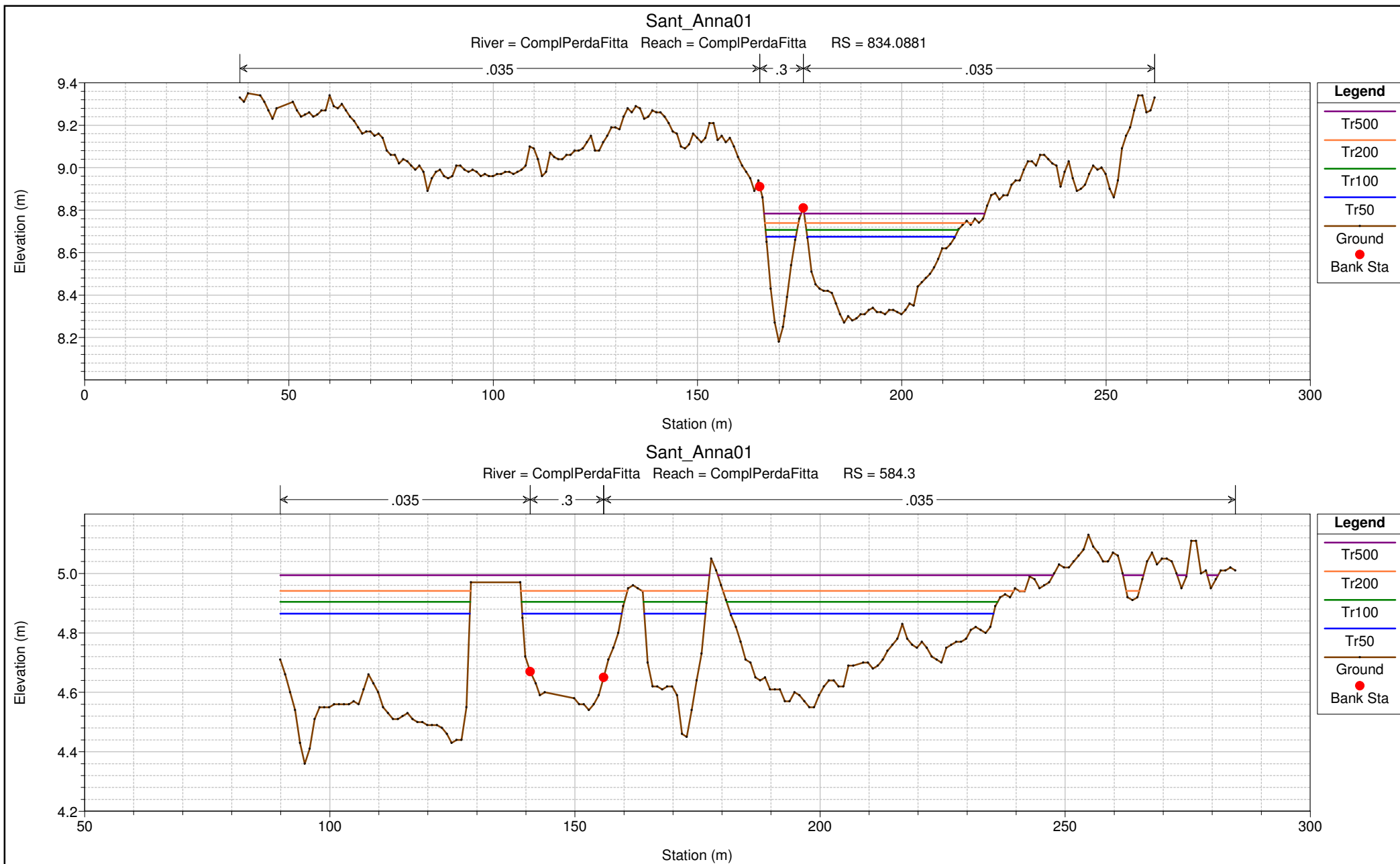
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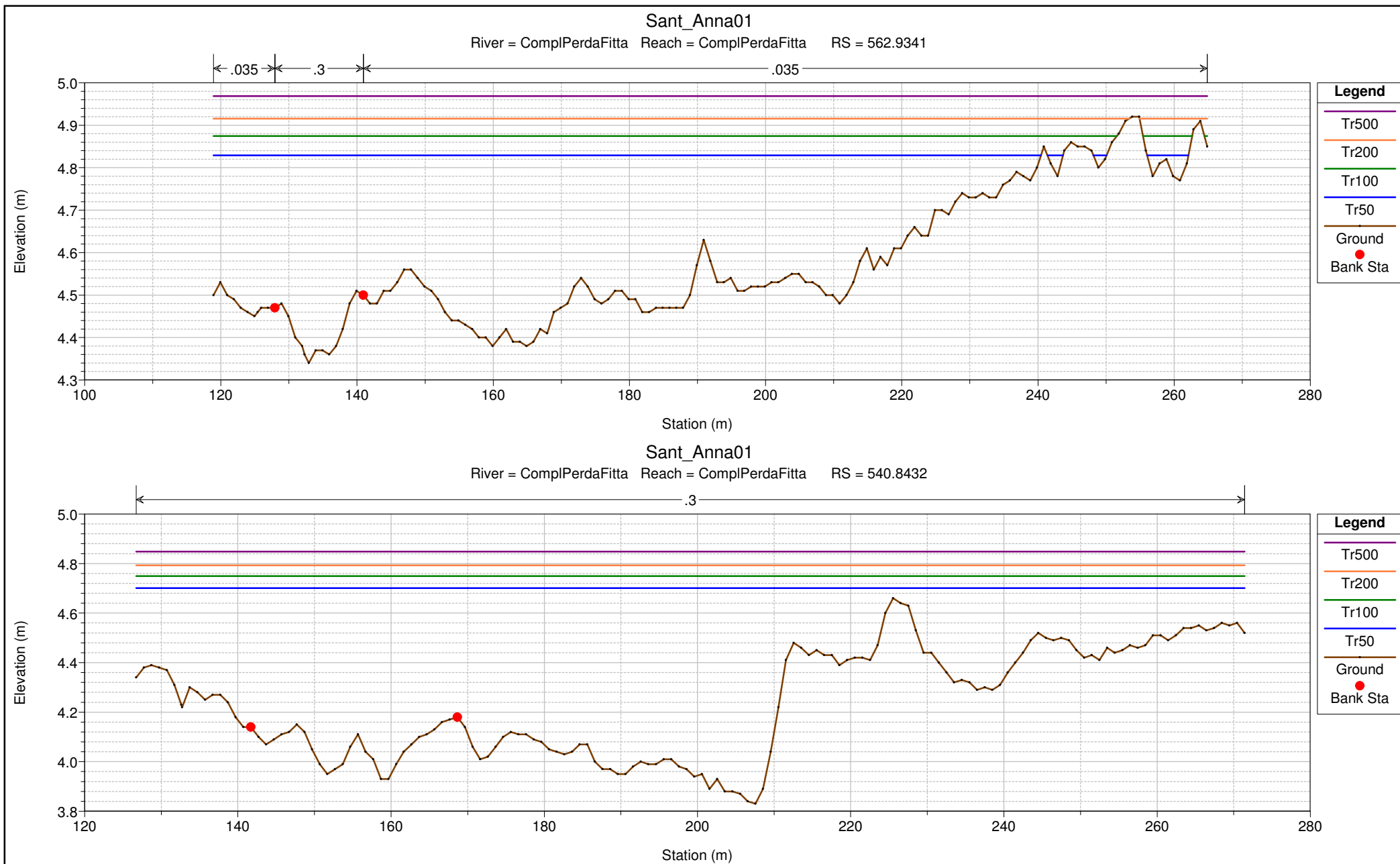
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Fiume24976	Fiume24976	669.4431	Tr200	12.65	4.29	5.32		5.33	0.007481	0.21	49.34	93.07	0.09
Fiume24976	Fiume24976	669.4431	Tr500	14.47	4.29	5.35		5.37	0.007469	0.22	52.59	93.90	0.09
Fiume24976	Fiume24976	596.7666	Tr50	9.95	3.45	4.84	4.31	4.84	0.001899	0.10	59.26	129.66	0.04
Fiume24976	Fiume24976	596.7666	Tr100	11.30	3.45	4.85	4.32	4.86	0.002084	0.11	61.66	131.52	0.04
Fiume24976	Fiume24976	596.7666	Tr200	12.65	3.45	4.87	4.32	4.88	0.002325	0.12	63.91	135.57	0.05
Fiume24976	Fiume24976	596.7666	Tr500	14.47	3.45	4.90	4.34	4.91	0.002342	0.12	68.36	140.52	0.05
Fiume24976	Fiume24976	591.309		Culvert									
Fiume24976	Fiume24976	582.8734	Tr50	9.95	3.17	4.44		4.47	0.009059	0.19	32.85	93.96	0.09
Fiume24976	Fiume24976	582.8734	Tr100	11.30	3.17	4.47		4.49	0.009032	0.19	34.94	97.97	0.09
Fiume24976	Fiume24976	582.8734	Tr200	12.65	3.17	4.49		4.51	0.008869	0.20	37.11	106.39	0.09
Fiume24976	Fiume24976	582.8734	Tr500	14.47	3.17	4.51		4.54	0.008744	0.20	40.13	114.76	0.09
Fiume24976	Fiume24976	391.6025	Tr50	9.95	2.13	2.75		2.76	0.007477	0.19	44.33	99.64	0.08
Fiume24976	Fiume24976	391.6025	Tr100	11.30	2.13	2.78		2.79	0.007438	0.19	47.32	101.22	0.08
Fiume24976	Fiume24976	391.6025	Tr200	12.65	2.13	2.80		2.82	0.007472	0.20	49.96	102.36	0.08
Fiume24976	Fiume24976	391.6025	Tr500	14.47	2.13	2.83		2.85	0.007590	0.21	53.12	104.04	0.09
Fiume24976	Fiume24976	202.1798	Tr50	9.95	0.55	1.43		1.44	0.001032	0.07	69.20	155.89	0.03
Fiume24976	Fiume24976	202.1798	Tr100	11.30	0.55	1.47		1.47	0.001029	0.08	74.17	157.59	0.03
Fiume24976	Fiume24976	202.1798	Tr200	12.65	0.55	1.49		1.50	0.000993	0.08	78.79	158.60	0.03
Fiume24976	Fiume24976	202.1798	Tr500	14.47	0.55	1.53		1.54	0.000957	0.08	84.65	160.01	0.03
Fiume24976	Fiume24976	39.24398	Tr50	9.95	0.02	0.80	0.32	0.80	0.015292	0.28	35.11	61.44	0.12
Fiume24976	Fiume24976	39.24398	Tr100	11.30	0.02	0.80	0.34	0.81	0.019723	0.32	35.11	61.44	0.14
Fiume24976	Fiume24976	39.24398	Tr200	12.65	0.02	0.80	0.35	0.81	0.024717	0.36	35.11	61.44	0.15
Fiume24976	Fiume24976	39.24398	Tr500	14.47	0.02	0.80	0.37	0.81	0.032340	0.41	35.11	61.44	0.17

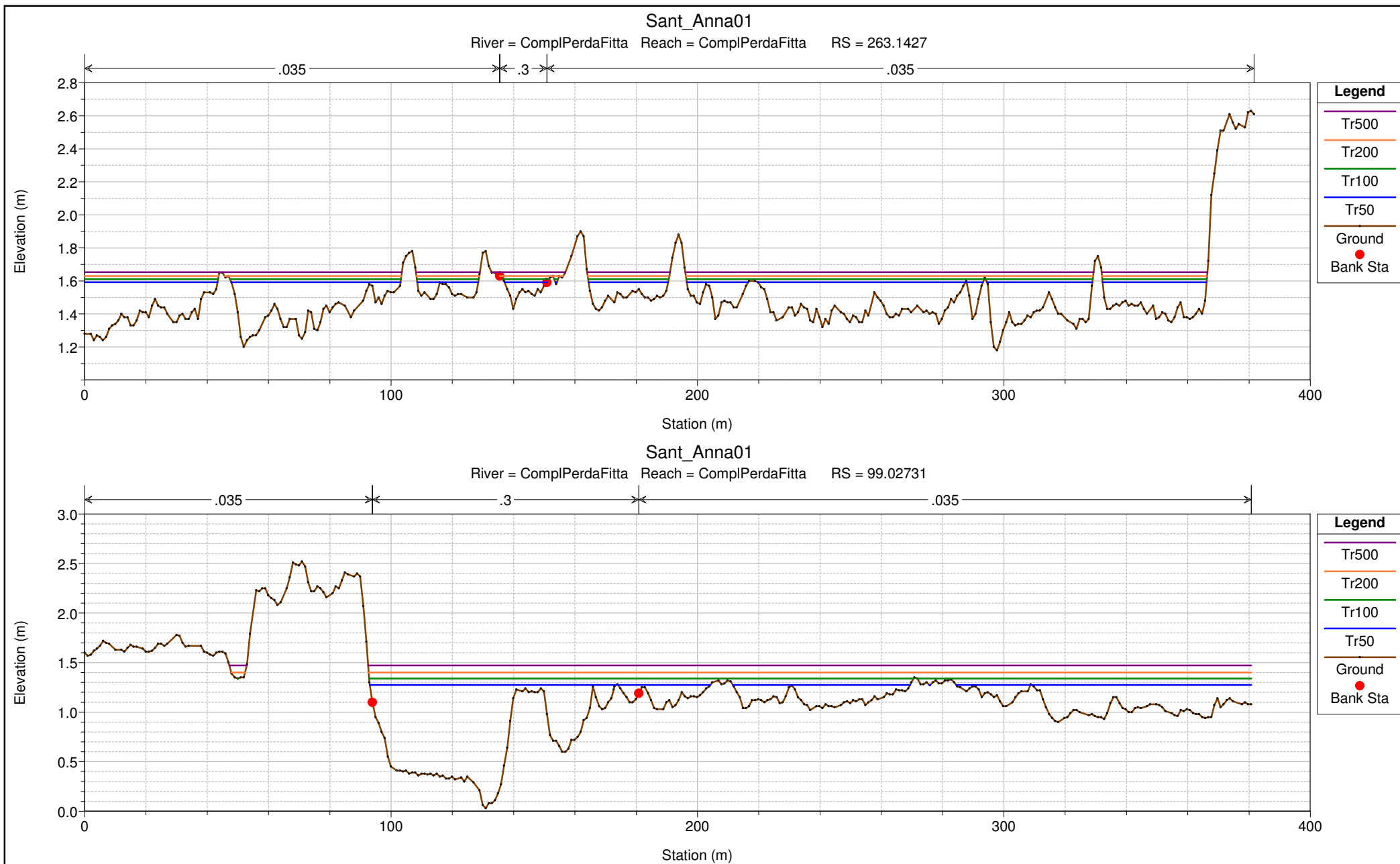


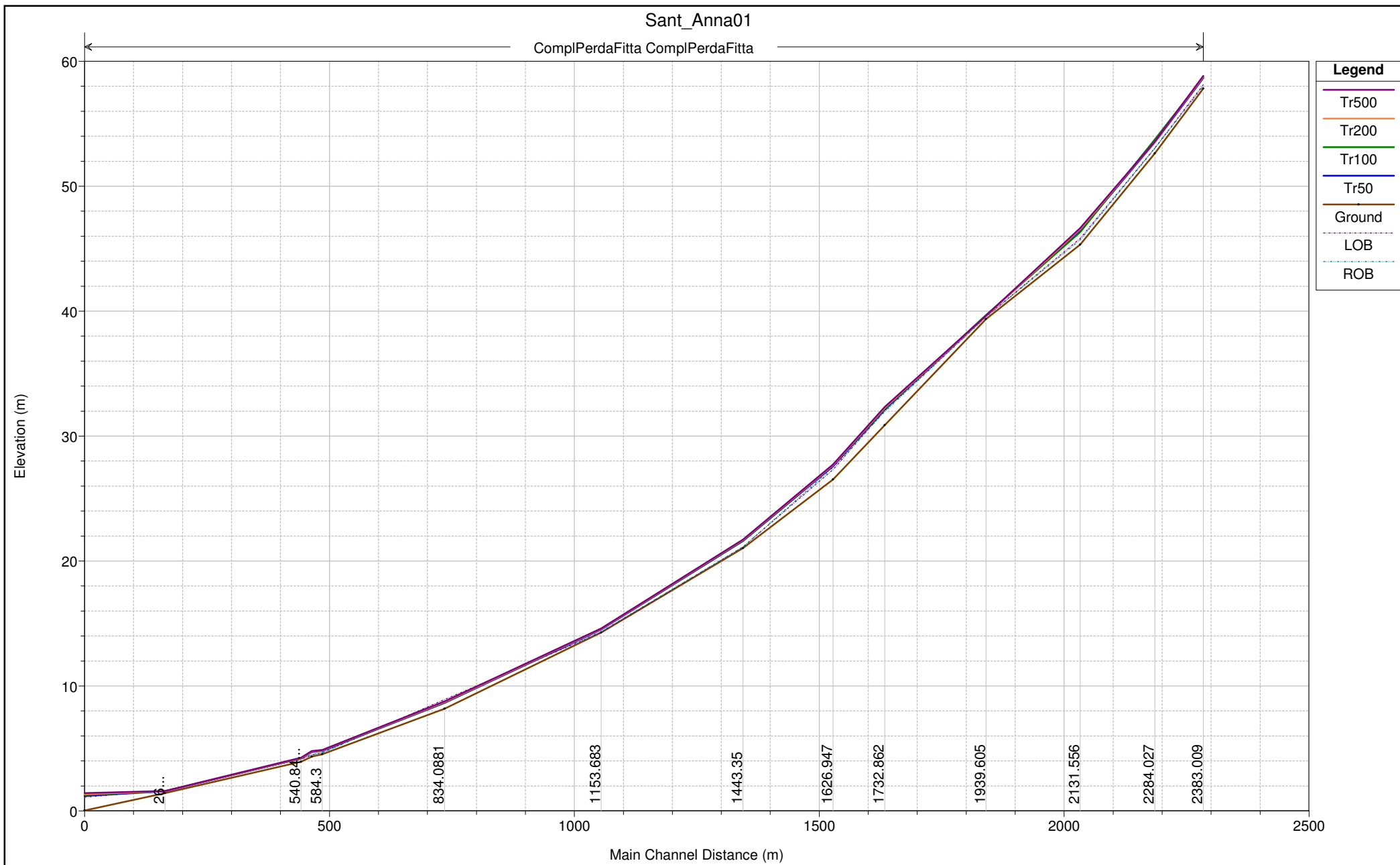








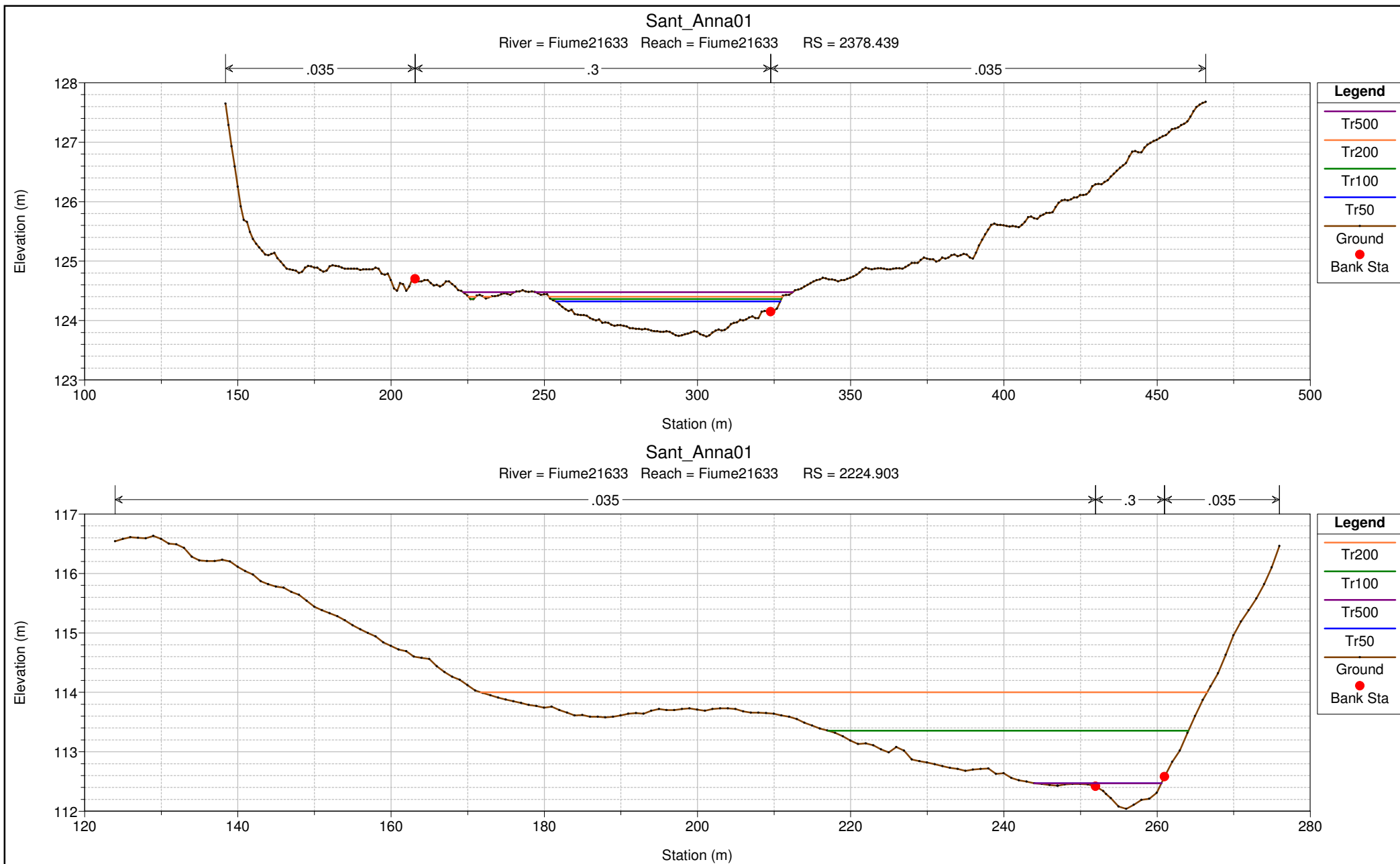


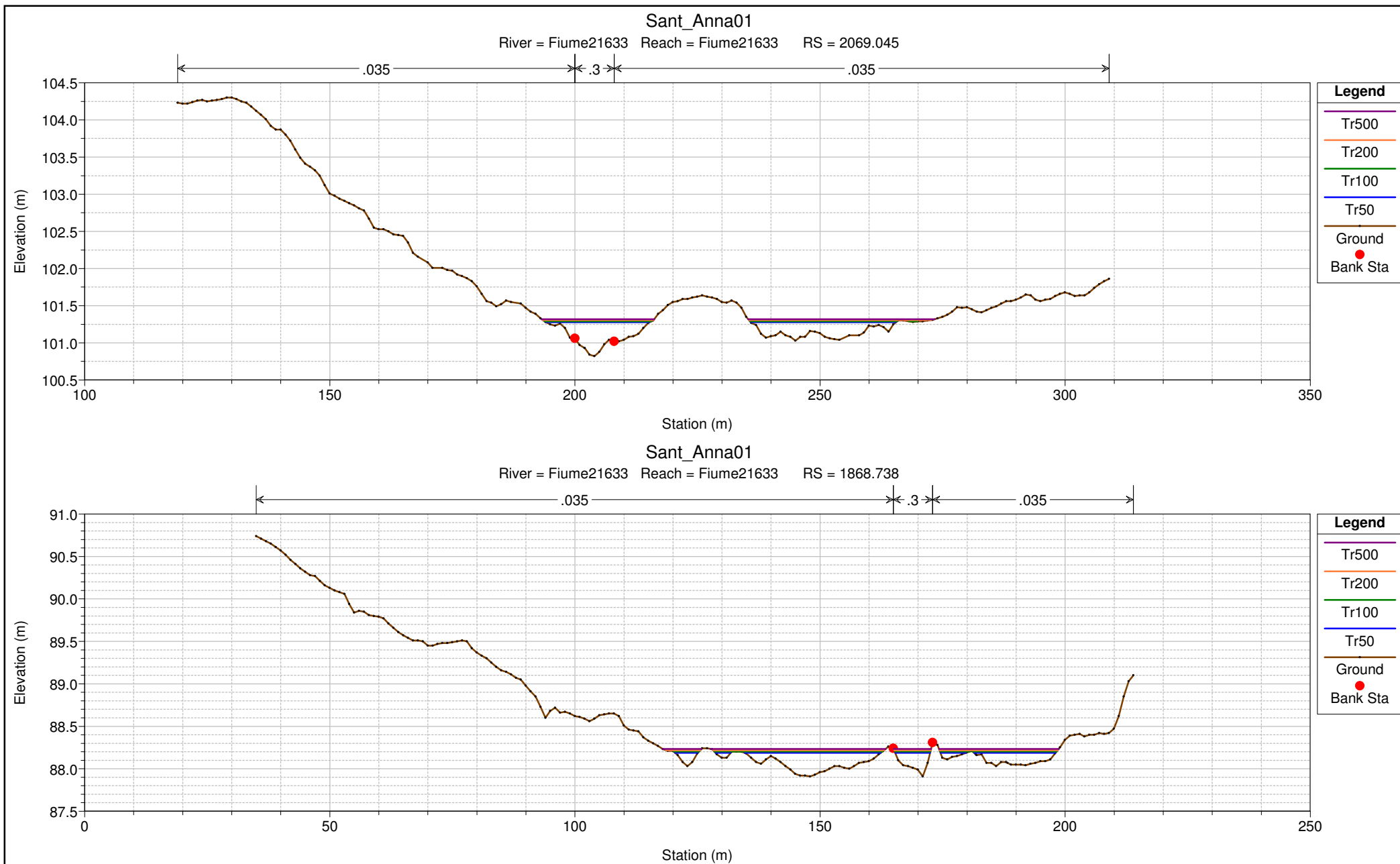


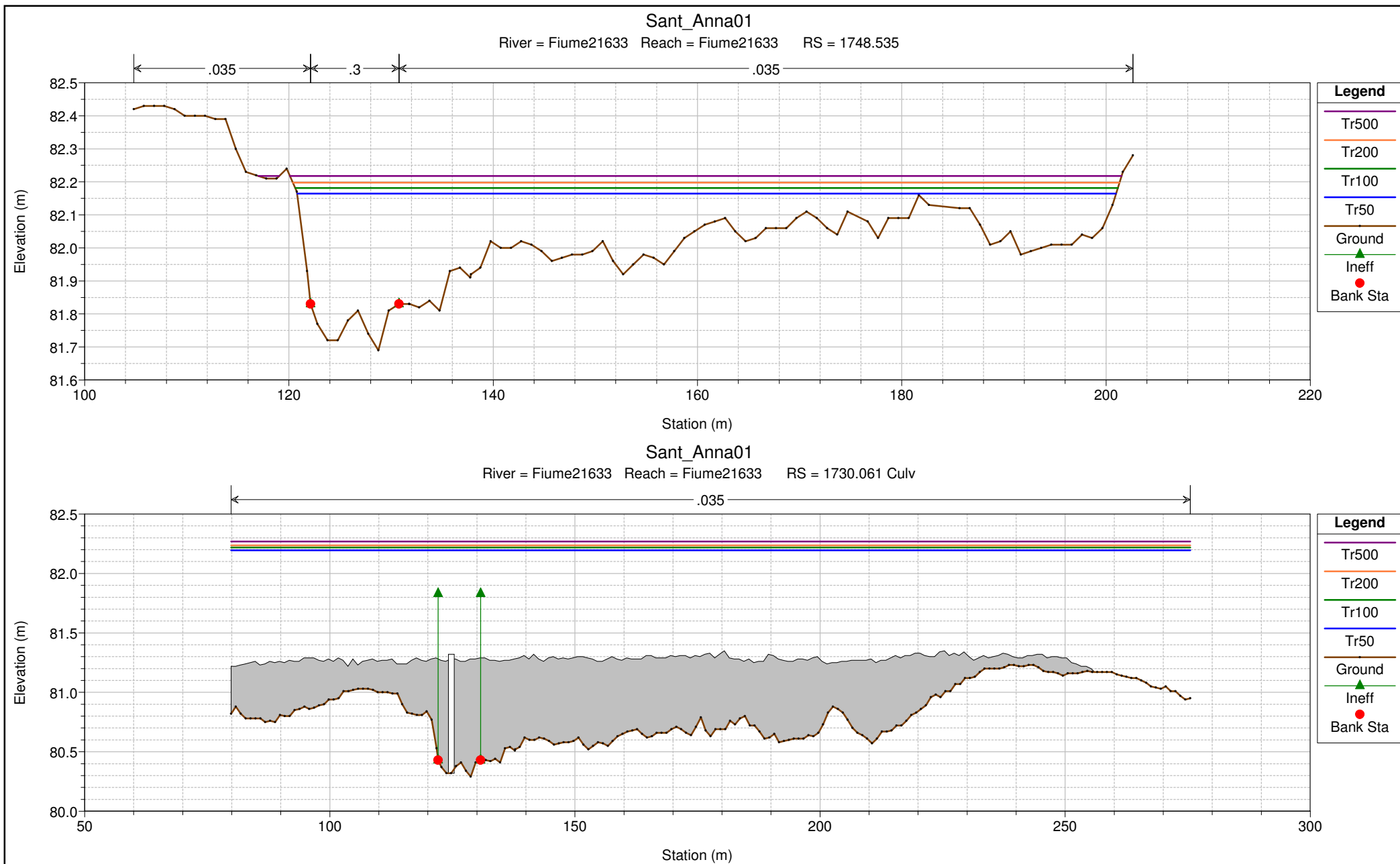
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
ComplPerdaFitta	ComplPerdaFitta	2383.009	Tr50	14.75	57.82	58.65	58.65	58.88	0.026425	0.44	12.17	23.63	0.16
ComplPerdaFitta	ComplPerdaFitta	2383.009	Tr100	17.43	57.82	58.71	58.71	58.95	0.024406	0.44	13.62	24.45	0.16
ComplPerdaFitta	ComplPerdaFitta	2383.009	Tr200	20.13	57.82	58.77	58.77	59.02	0.022831	0.45	15.07	25.38	0.16
ComplPerdaFitta	ComplPerdaFitta	2383.009	Tr500	23.77	57.82	58.84	58.84	59.11	0.021507	0.46	16.87	26.49	0.15
ComplPerdaFitta	ComplPerdaFitta	2284.027	Tr50	14.75	52.63	53.59		53.73	0.046336	0.63	16.39	26.64	0.22
ComplPerdaFitta	ComplPerdaFitta	2284.027	Tr100	17.43	52.63	53.64		53.81	0.047226	0.66	17.71	27.66	0.23
ComplPerdaFitta	ComplPerdaFitta	2284.027	Tr200	20.13	52.63	53.70		53.89	0.045039	0.67	19.26	28.93	0.22
ComplPerdaFitta	ComplPerdaFitta	2284.027	Tr500	23.77	52.63	53.75		53.97	0.045246	0.70	20.99	30.75	0.23
ComplPerdaFitta	ComplPerdaFitta	2131.556	Tr50	14.75	45.33	45.78	45.78	48.84	24.788430	6.65	2.13	9.32	4.20
ComplPerdaFitta	ComplPerdaFitta	2131.556	Tr100	17.43	45.33	45.78	45.78	50.05	33.661160	7.79	2.15	9.35	4.89
ComplPerdaFitta	ComplPerdaFitta	2131.556	Tr200	20.13	45.33	46.48	46.56	46.88	0.039370	0.64	12.67	19.82	0.21
ComplPerdaFitta	ComplPerdaFitta	2131.556	Tr500	23.77	45.33	46.54	46.65	47.00	0.039629	0.66	13.78	20.35	0.21
ComplPerdaFitta	ComplPerdaFitta	1939.605	Tr50	14.75	39.36	39.61	39.65	39.80	0.031386	0.19	9.96	44.57	0.14
ComplPerdaFitta	ComplPerdaFitta	1939.605	Tr100	17.43	39.36	39.62	39.69	39.86	0.037055	0.22	10.53	44.82	0.16
ComplPerdaFitta	ComplPerdaFitta	1939.605	Tr200	20.13	39.36	39.65	39.72	39.91	0.036686	0.24	11.62	45.28	0.16
ComplPerdaFitta	ComplPerdaFitta	1939.605	Tr500	23.77	39.36	39.68	39.76	39.98	0.036430	0.26	13.00	45.77	0.16
ComplPerdaFitta	ComplPerdaFitta	1732.862	Tr50	14.75	30.88	32.04		32.06	0.039996	0.58	24.89	34.84	0.20
ComplPerdaFitta	ComplPerdaFitta	1732.862	Tr100	17.43	30.88	32.10		32.13	0.040036	0.61	27.20	35.85	0.21
ComplPerdaFitta	ComplPerdaFitta	1732.862	Tr200	20.13	30.88	32.16		32.20	0.039960	0.64	29.30	36.77	0.21
ComplPerdaFitta	ComplPerdaFitta	1732.862	Tr500	23.77	30.88	32.23		32.29	0.040160	0.67	31.85	39.94	0.21
ComplPerdaFitta	ComplPerdaFitta	1626.947	Tr50	14.75	26.53	27.74		27.81	0.032438	0.53	21.84	35.28	0.19
ComplPerdaFitta	ComplPerdaFitta	1626.947	Tr100	17.43	26.53	27.79		27.87	0.033581	0.56	23.46	36.28	0.19
ComplPerdaFitta	ComplPerdaFitta	1626.947	Tr200	20.13	26.53	27.83		27.93	0.035429	0.59	24.80	37.08	0.20
ComplPerdaFitta	ComplPerdaFitta	1626.947	Tr500	23.77	26.53	27.87		28.00	0.037467	0.63	26.43	37.87	0.20
ComplPerdaFitta	ComplPerdaFitta	1443.35	Tr50	14.75	21.03	21.53	21.60	21.77	0.034988	0.36	9.22	32.32	0.17
ComplPerdaFitta	ComplPerdaFitta	1443.35	Tr100	17.43	21.03	21.56	21.62	21.83	0.034653	0.38	10.23	32.89	0.18
ComplPerdaFitta	ComplPerdaFitta	1443.35	Tr200	20.13	21.03	21.58	21.68	21.88	0.034730	0.39	11.17	33.53	0.18
ComplPerdaFitta	ComplPerdaFitta	1443.35	Tr500	23.77	21.03	21.62	21.72	21.94	0.035970	0.42	12.35	34.78	0.18
ComplPerdaFitta	ComplPerdaFitta	1153.683	Tr50	14.75	14.28	14.55	14.59	14.74	0.024159	0.20	9.07	34.80	0.13
ComplPerdaFitta	ComplPerdaFitta	1153.683	Tr100	17.43	14.28	14.59	14.63	14.80	0.024012	0.22	10.16	36.03	0.13

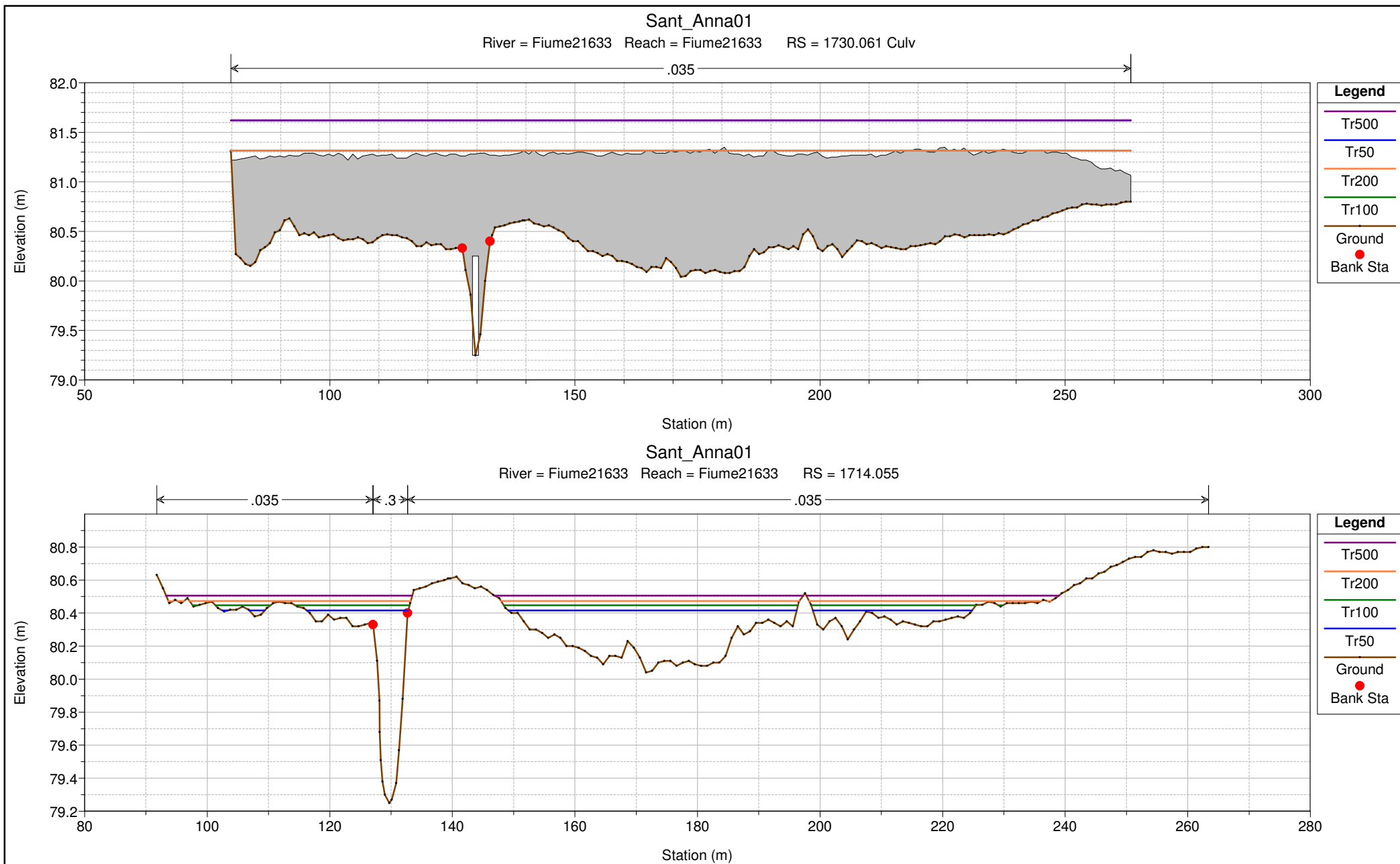
HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

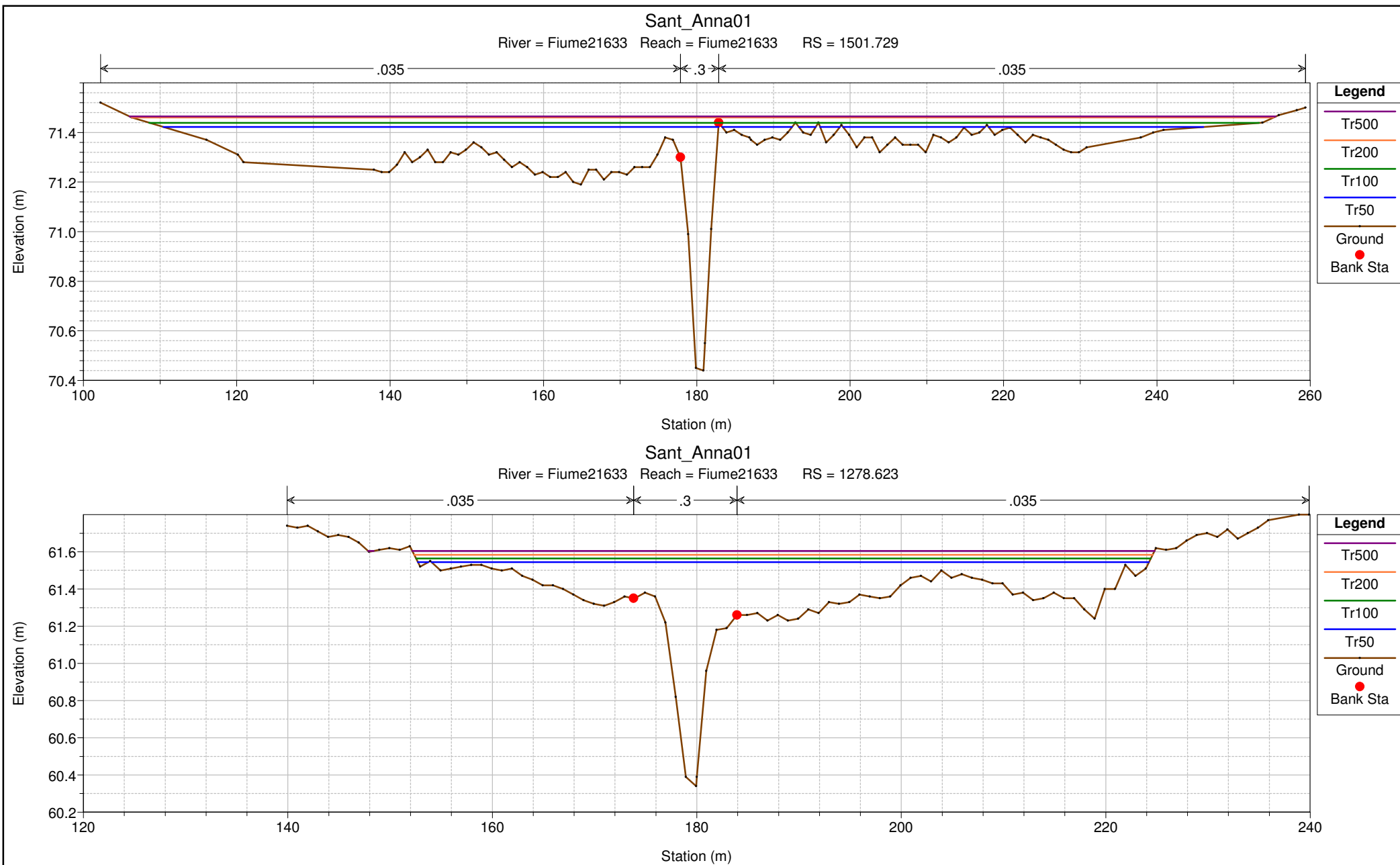
River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
ComplPerdaFitta	ComplPerdaFitta	1153.683	Tr200	20.13	14.28	14.61	14.66	14.85	0.024043	0.23	11.18	36.84	0.14
ComplPerdaFitta	ComplPerdaFitta	1153.683	Tr500	23.77	14.28	14.65	14.70	14.91	0.024249	0.25	12.45	37.62	0.14
ComplPerdaFitta	ComplPerdaFitta	834.0881	Tr50	14.75	8.18	8.67	8.65	8.78	0.015403	0.17	11.75	43.40	0.11
ComplPerdaFitta	ComplPerdaFitta	834.0881	Tr100	17.43	8.18	8.71	8.69	8.83	0.015267	0.18	13.17	44.91	0.11
ComplPerdaFitta	ComplPerdaFitta	834.0881	Tr200	20.13	8.18	8.74	8.72	8.87	0.015163	0.18	14.67	47.97	0.11
ComplPerdaFitta	ComplPerdaFitta	834.0881	Tr500	23.77	8.18	8.78	8.76	8.92	0.015408	0.19	16.94	53.29	0.11
ComplPerdaFitta	ComplPerdaFitta	584.3	Tr50	14.75	4.54	4.86	4.74	4.88	0.002450	0.07	29.63	125.08	0.04
ComplPerdaFitta	ComplPerdaFitta	584.3	Tr100	17.43	4.54	4.90	4.75	4.92	0.002119	0.07	34.69	127.90	0.04
ComplPerdaFitta	ComplPerdaFitta	584.3	Tr200	20.13	4.54	4.94	4.77	4.96	0.001946	0.07	39.51	136.93	0.04
ComplPerdaFitta	ComplPerdaFitta	584.3	Tr500	23.77	4.54	4.99	4.80	5.01	0.001958	0.08	47.48	164.19	0.04
ComplPerdaFitta	ComplPerdaFitta	562.9341	Tr50	14.75	4.34	4.83		4.84	0.001321	0.07	37.18	131.84	0.03
ComplPerdaFitta	ComplPerdaFitta	562.9341	Tr100	17.43	4.34	4.87		4.88	0.001235	0.07	43.36	140.30	0.03
ComplPerdaFitta	ComplPerdaFitta	562.9341	Tr200	20.13	4.34	4.92		4.93	0.001104	0.07	49.19	144.40	0.03
ComplPerdaFitta	ComplPerdaFitta	562.9341	Tr500	23.77	4.34	4.97		4.98	0.000993	0.07	56.93	145.92	0.03
ComplPerdaFitta	ComplPerdaFitta	540.8432	Tr50	14.75	3.93	4.70		4.70	0.011541	0.26	67.53	144.70	0.11
ComplPerdaFitta	ComplPerdaFitta	540.8432	Tr100	17.43	3.93	4.75		4.75	0.011676	0.28	74.53	144.70	0.11
ComplPerdaFitta	ComplPerdaFitta	540.8432	Tr200	20.13	3.93	4.79		4.80	0.011943	0.29	80.82	144.70	0.11
ComplPerdaFitta	ComplPerdaFitta	540.8432	Tr500	23.77	3.93	4.85		4.85	0.012199	0.31	88.86	144.70	0.11
ComplPerdaFitta	ComplPerdaFitta	263.1427	Tr50	14.75	1.43	1.59	1.47	1.60	0.001096	0.02	50.92	320.42	0.02
ComplPerdaFitta	ComplPerdaFitta	263.1427	Tr100	17.43	1.43	1.61	1.48	1.62	0.001112	0.02	57.05	328.65	0.02
ComplPerdaFitta	ComplPerdaFitta	263.1427	Tr200	20.13	1.43	1.63	1.49	1.63	0.001105	0.02	63.07	336.10	0.02
ComplPerdaFitta	ComplPerdaFitta	263.1427	Tr500	23.77	1.43	1.65	1.50	1.66	0.001071	0.03	71.29	343.36	0.02
ComplPerdaFitta	ComplPerdaFitta	99.02731	Tr50	14.75	0.03	1.27		1.28	0.001271	0.08	81.55	264.87	0.03
ComplPerdaFitta	ComplPerdaFitta	99.02731	Tr100	17.43	0.03	1.34		1.34	0.000853	0.07	99.70	286.74	0.03
ComplPerdaFitta	ComplPerdaFitta	99.02731	Tr200	20.13	0.03	1.40		1.40	0.000572	0.06	117.23	292.51	0.02
ComplPerdaFitta	ComplPerdaFitta	99.02731	Tr500	23.77	0.03	1.47		1.48	0.000398	0.06	138.38	293.89	0.02

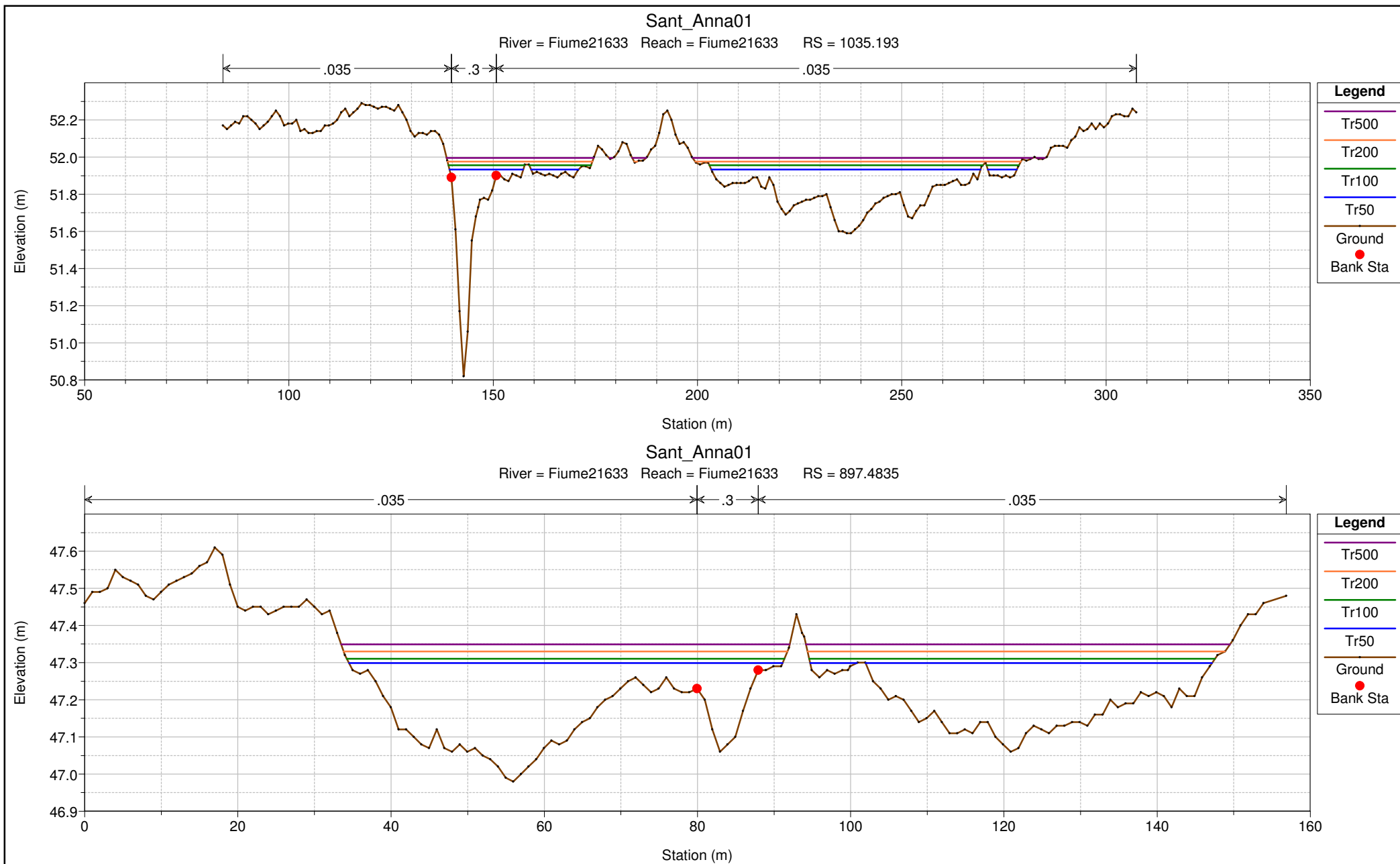


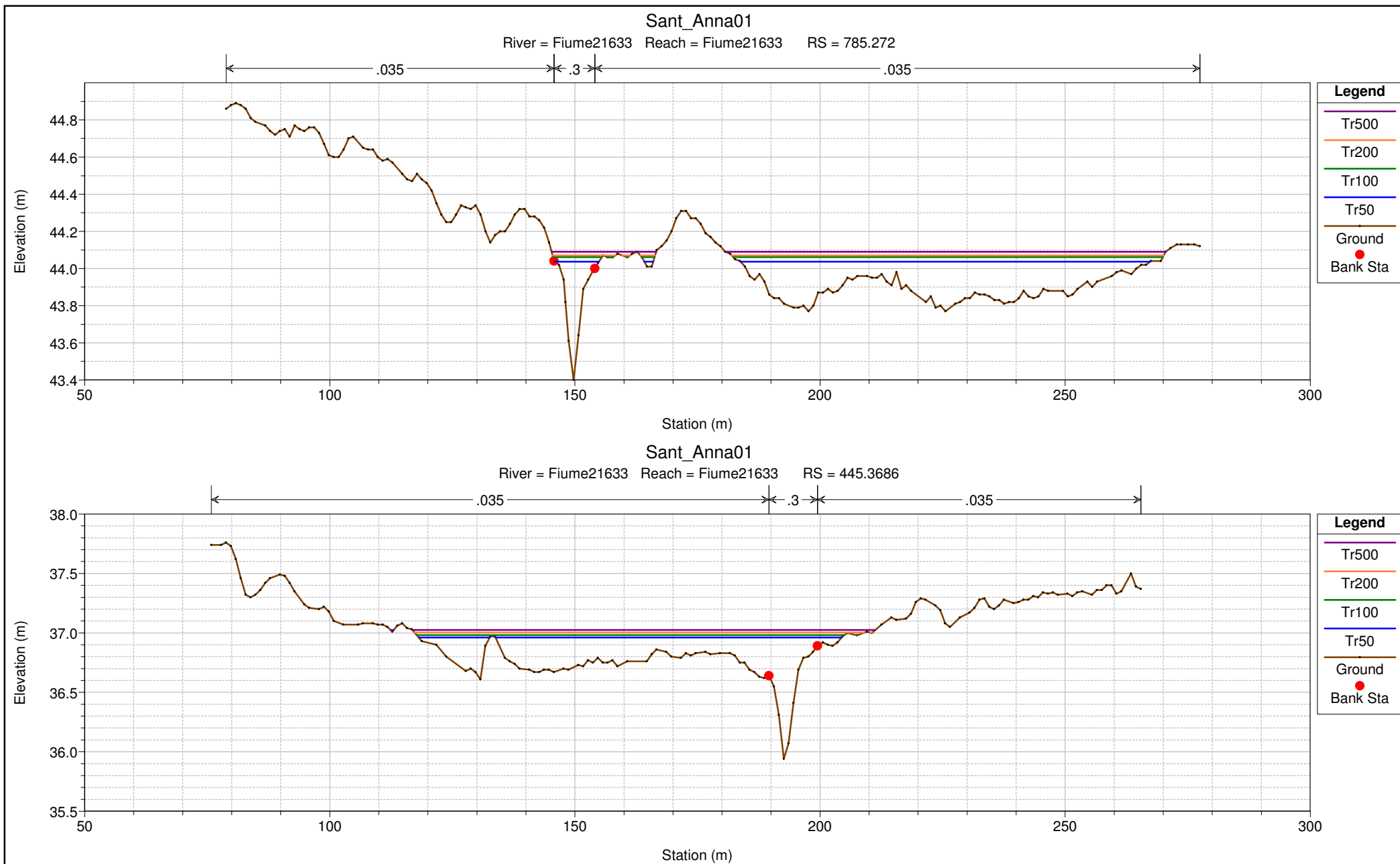


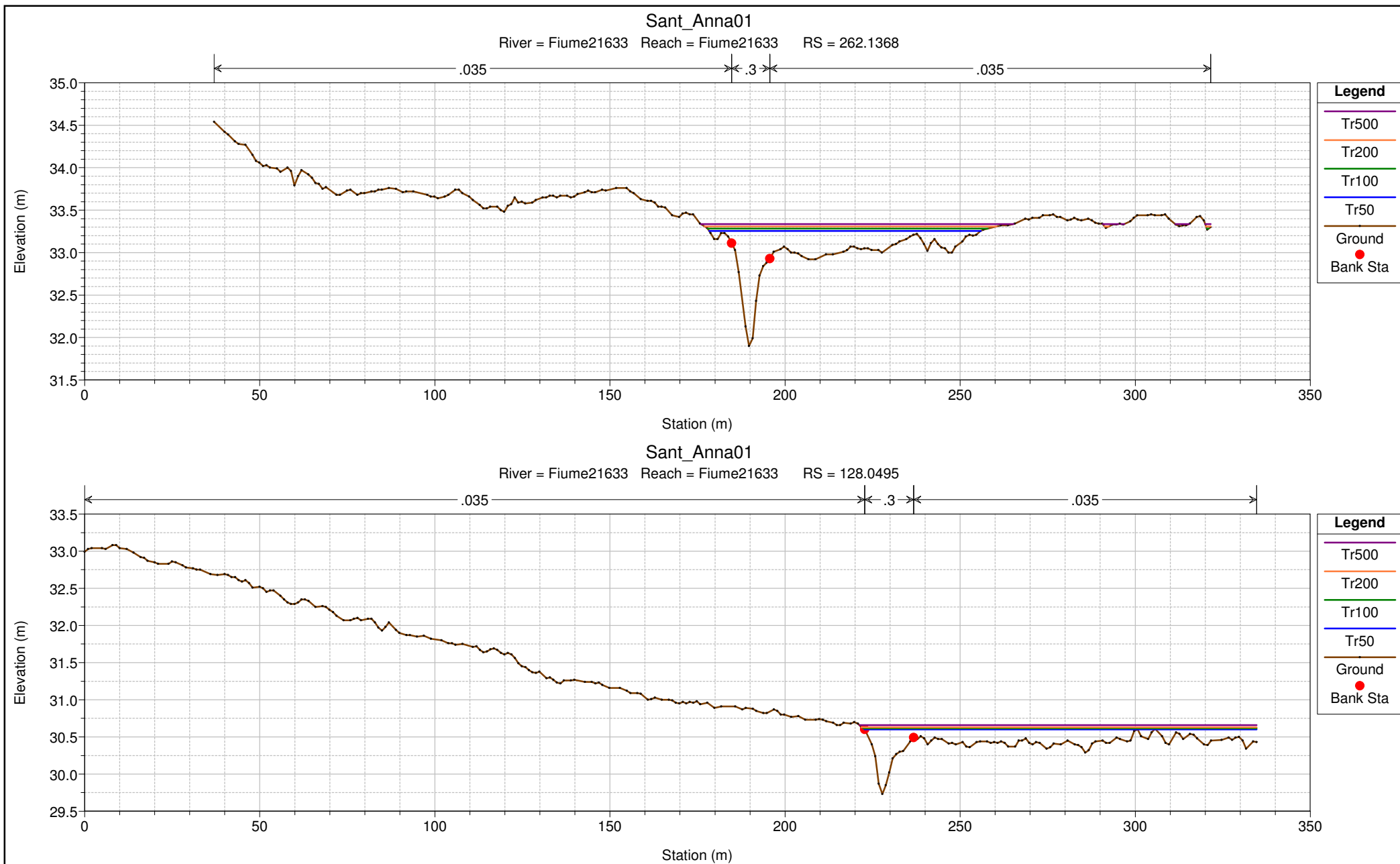


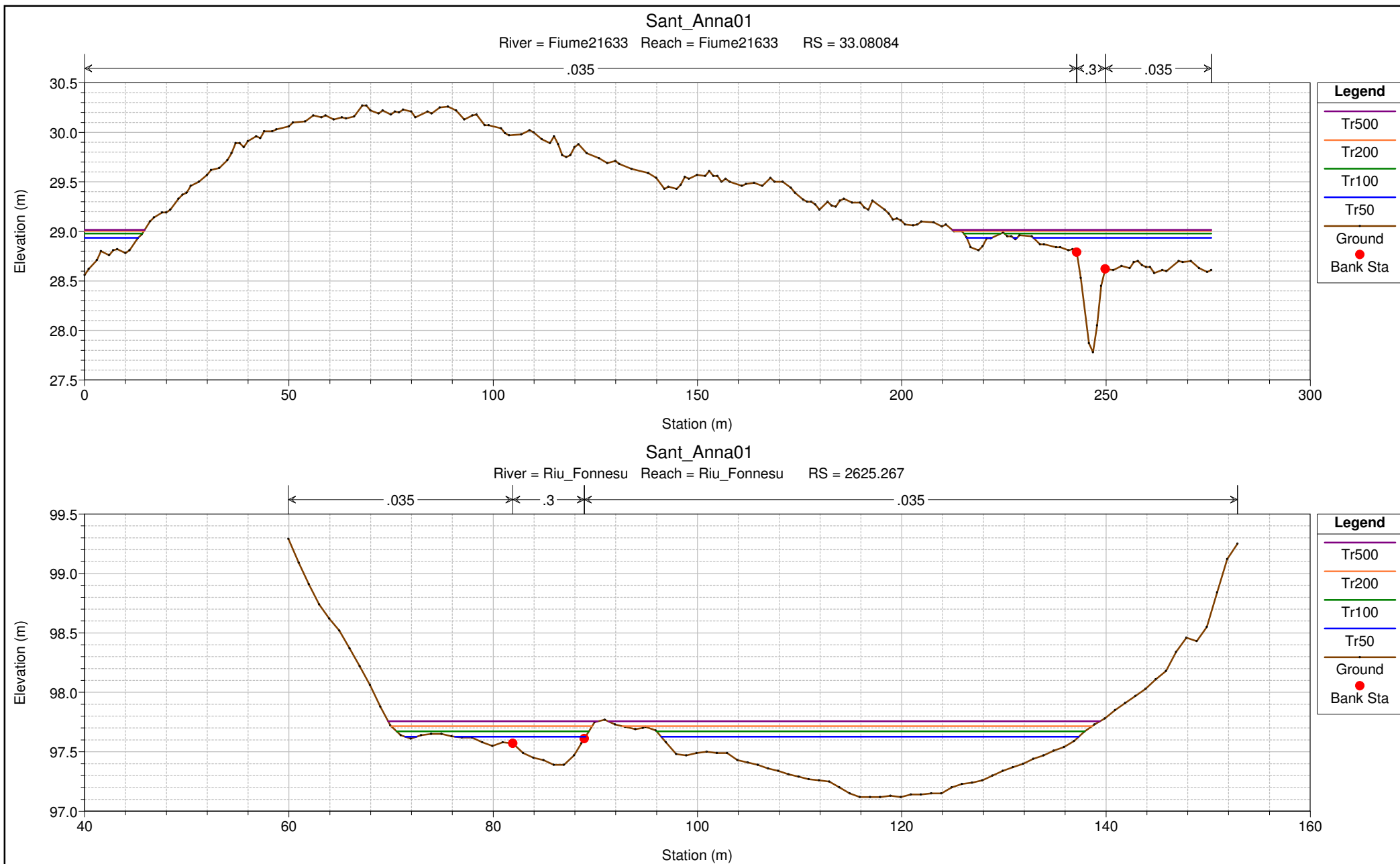


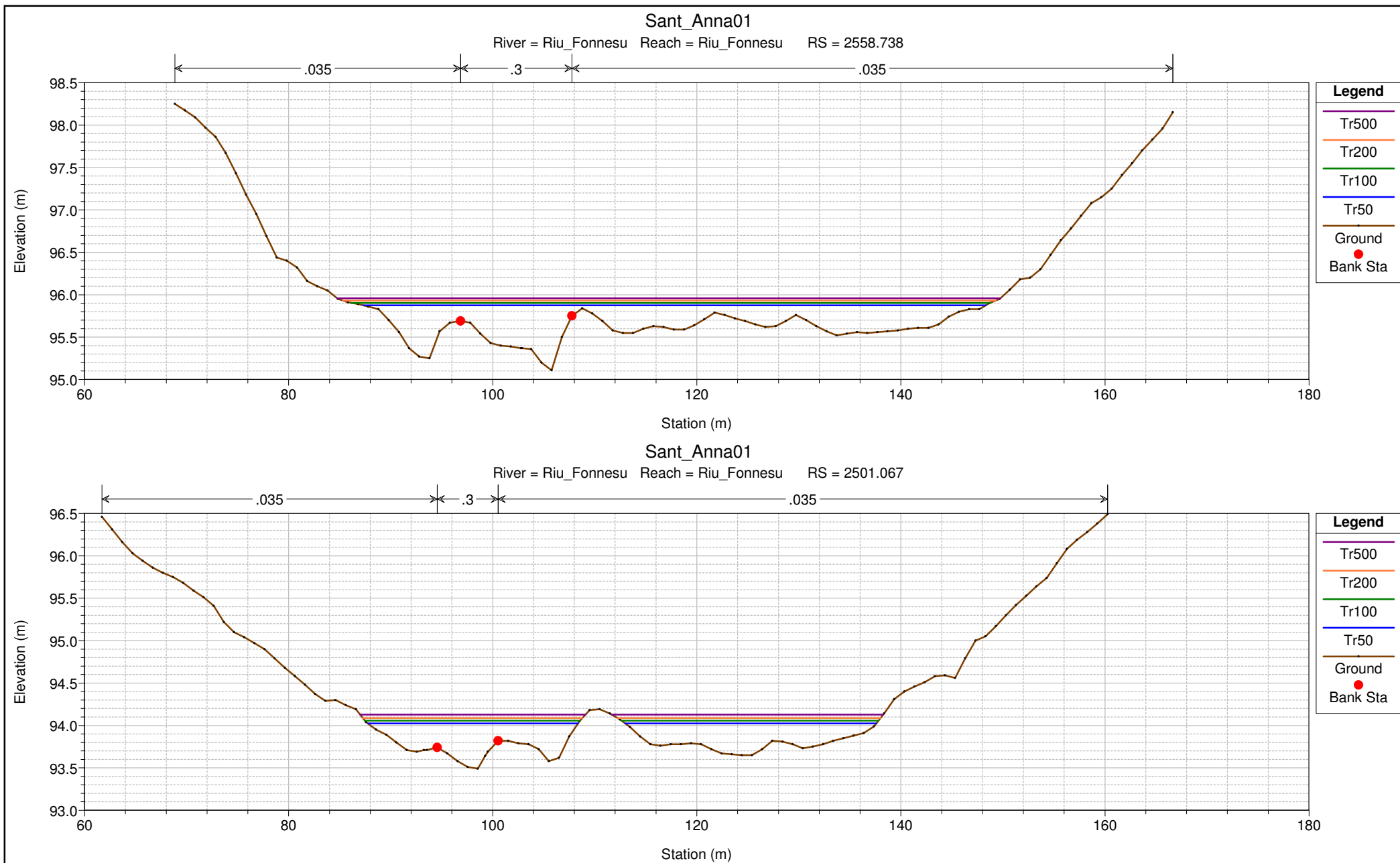


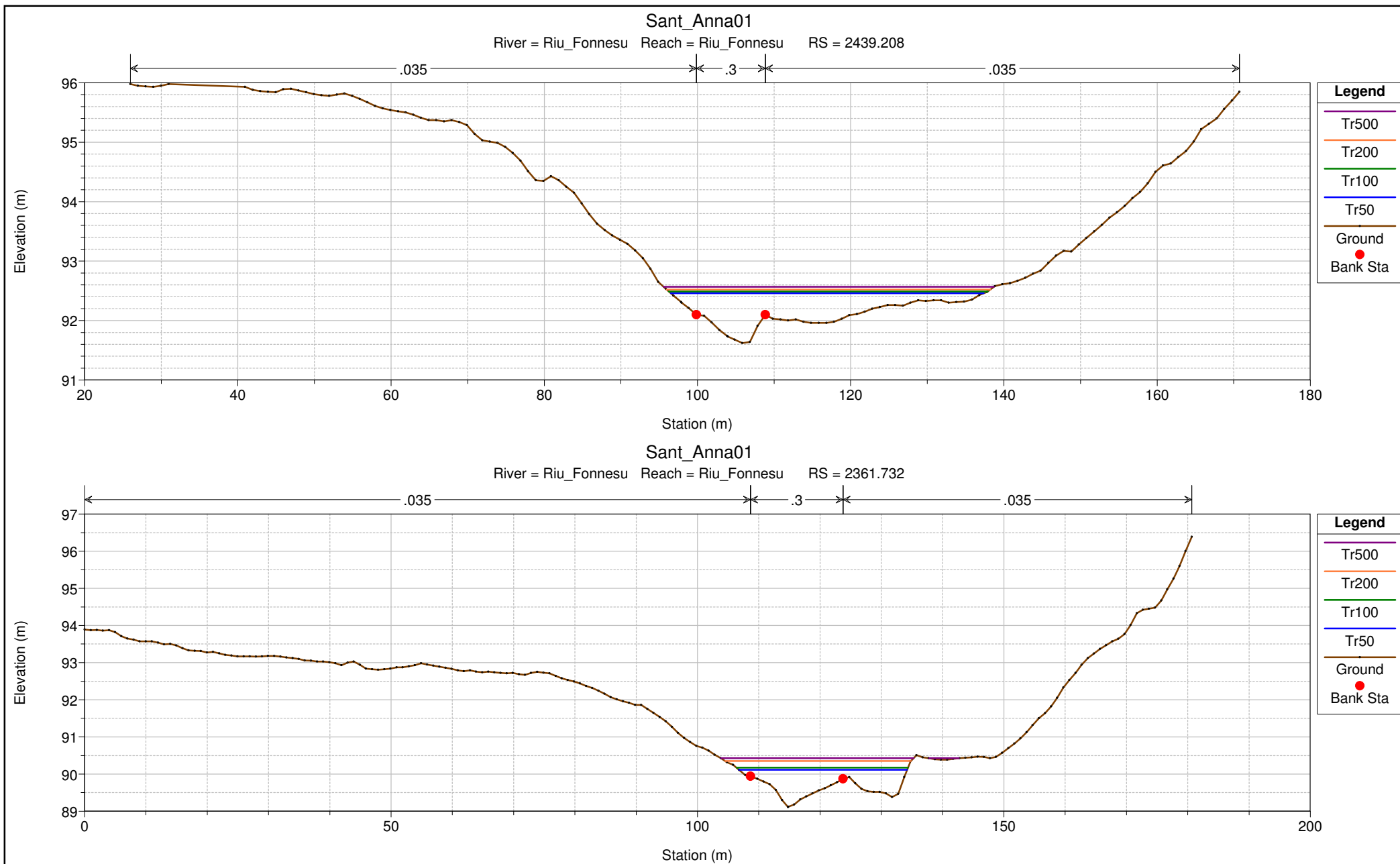


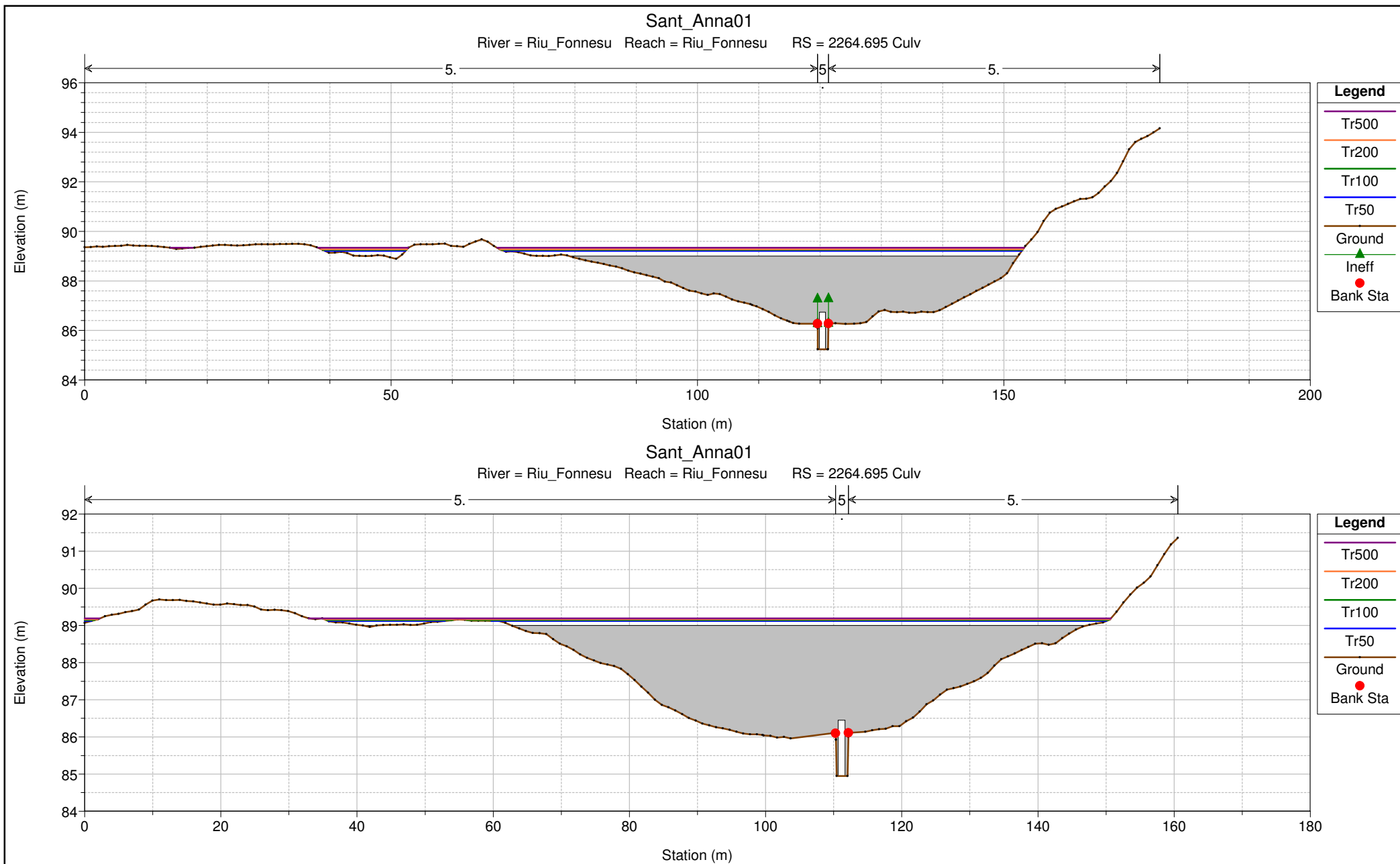


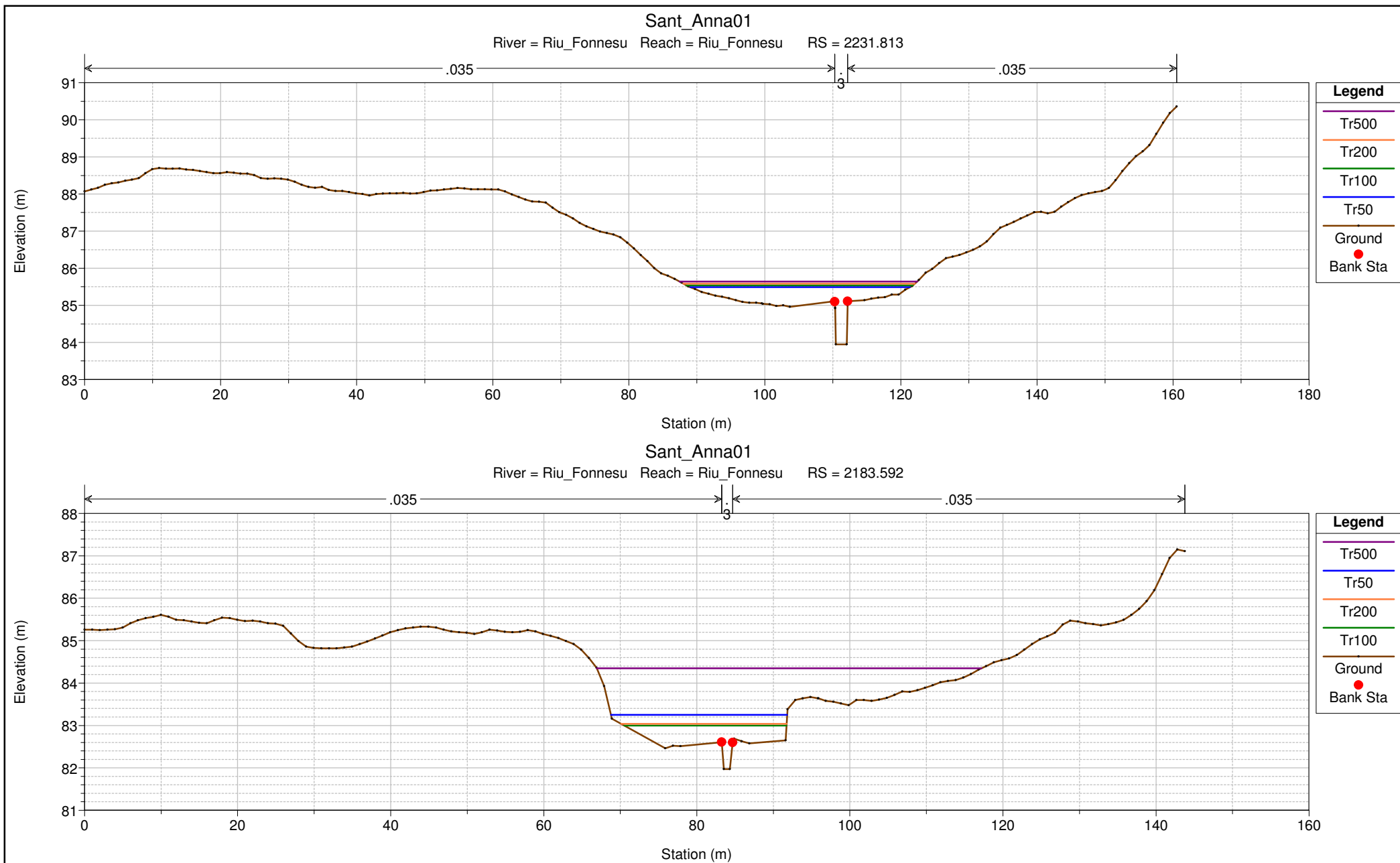


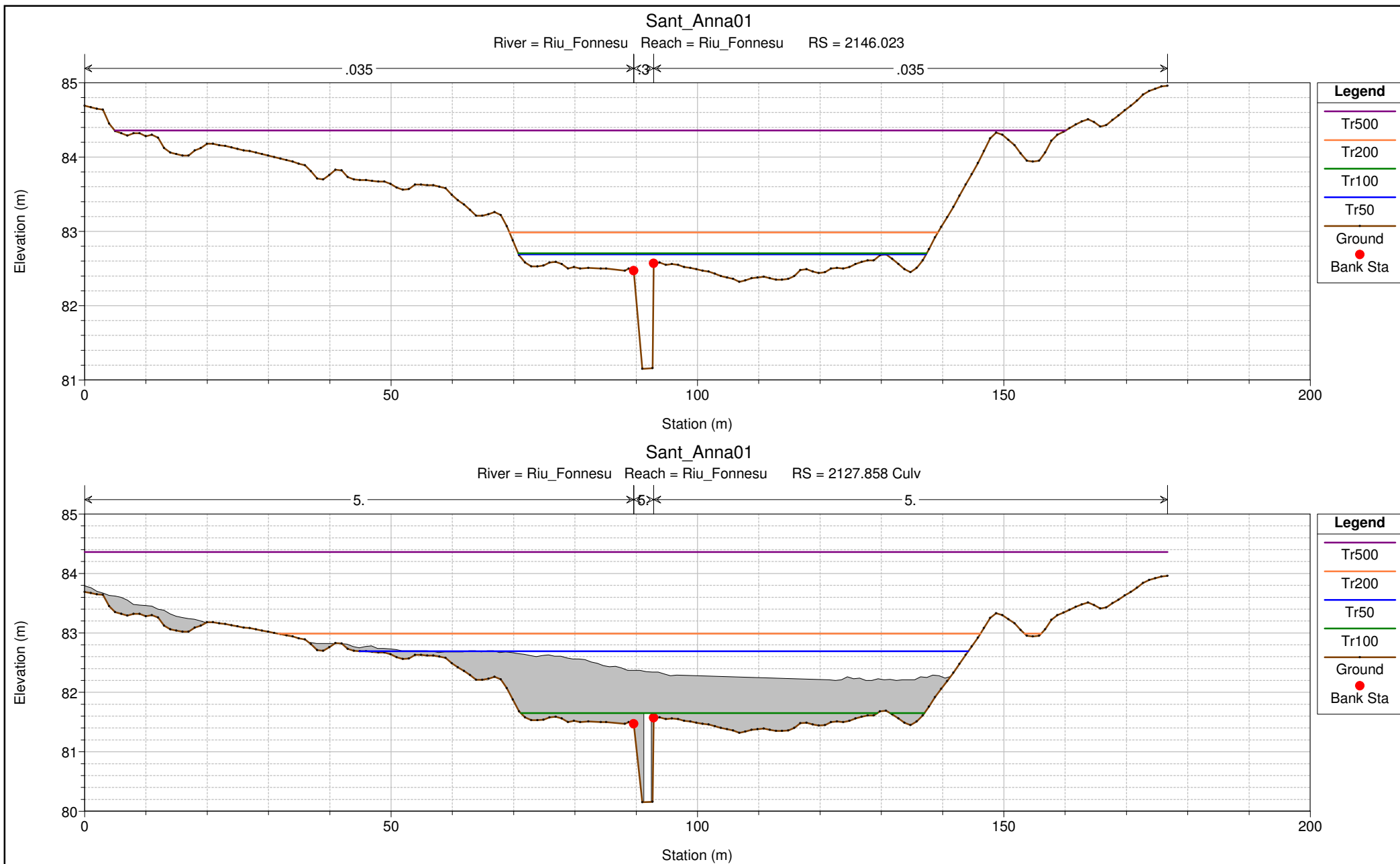


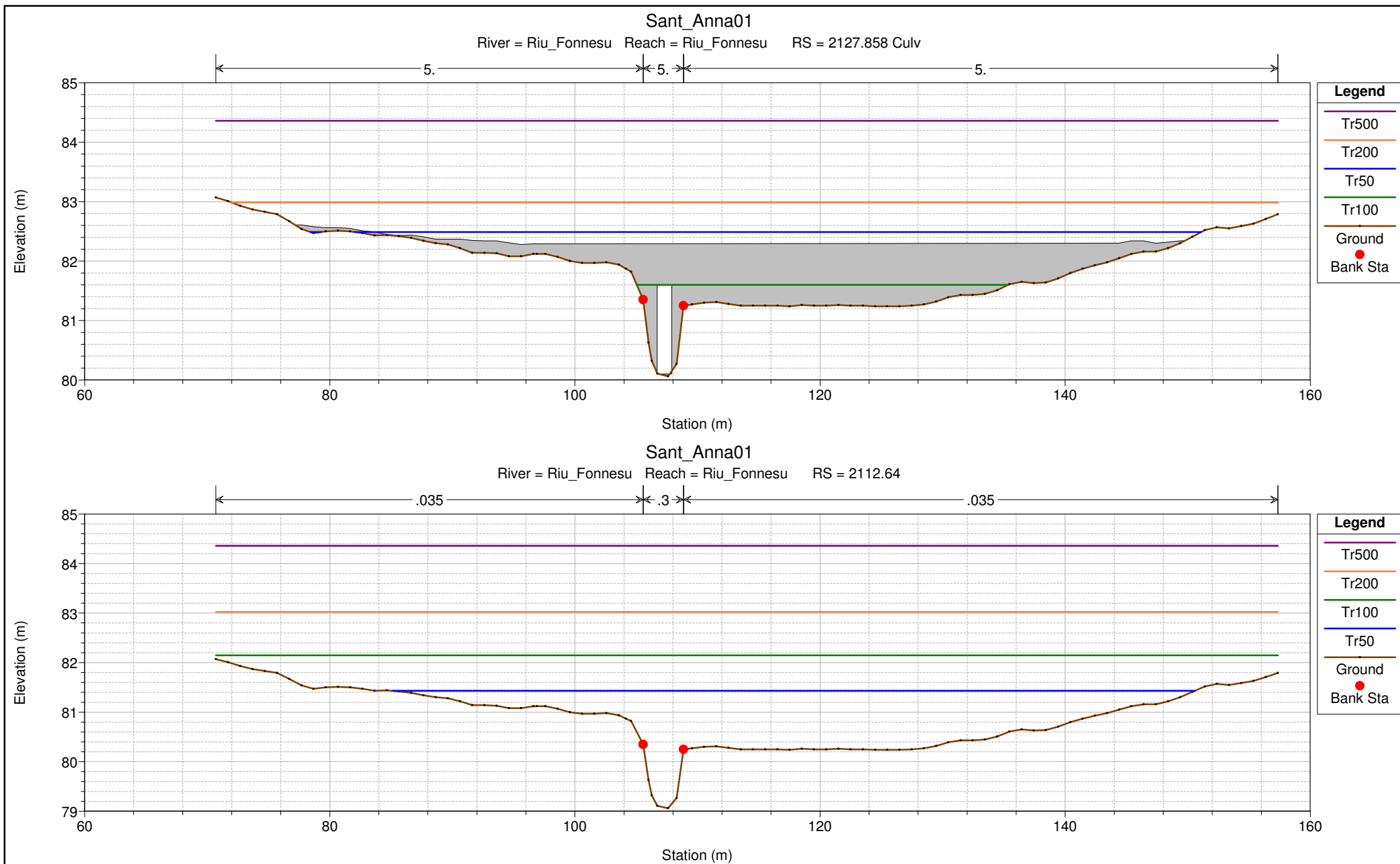


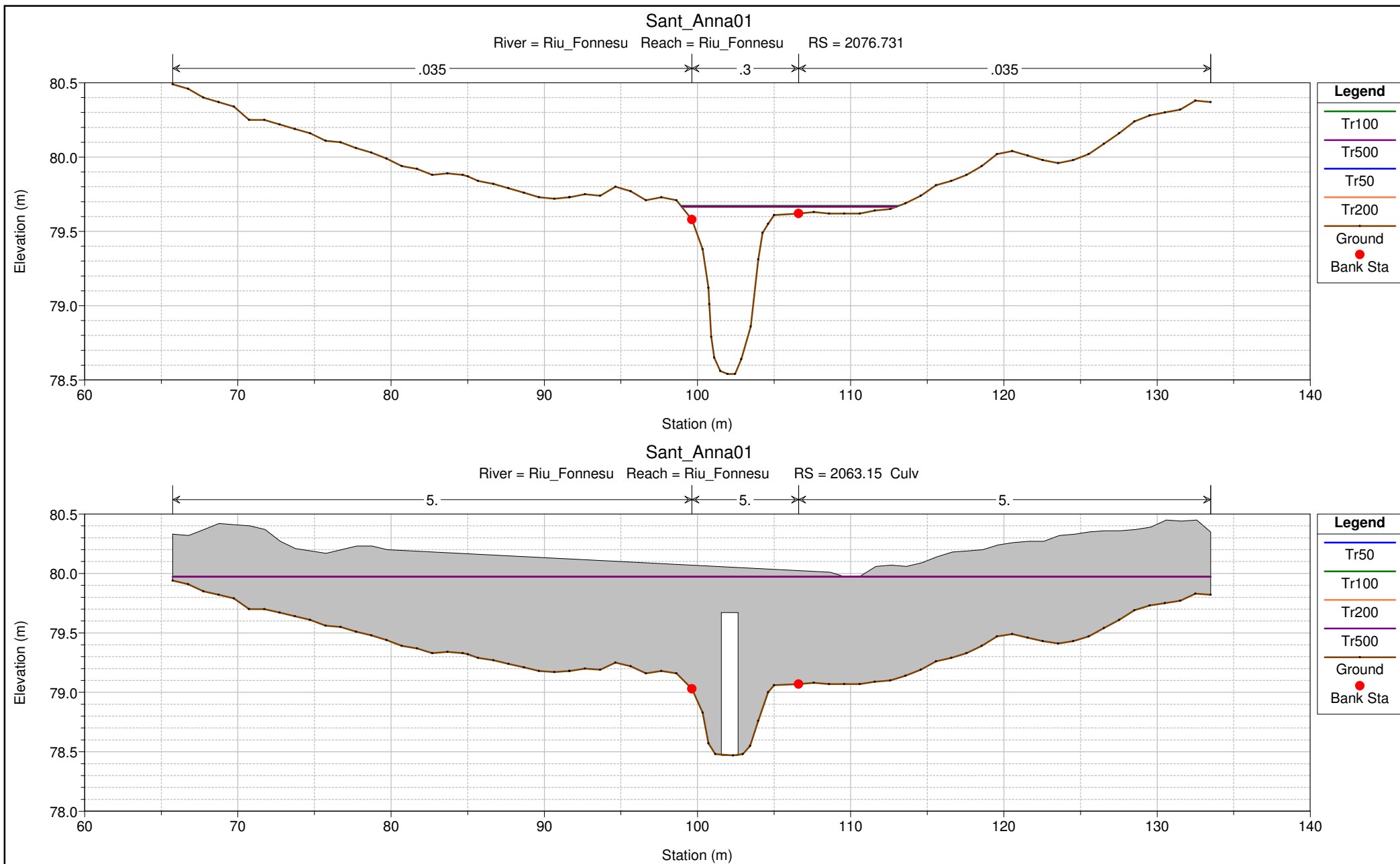


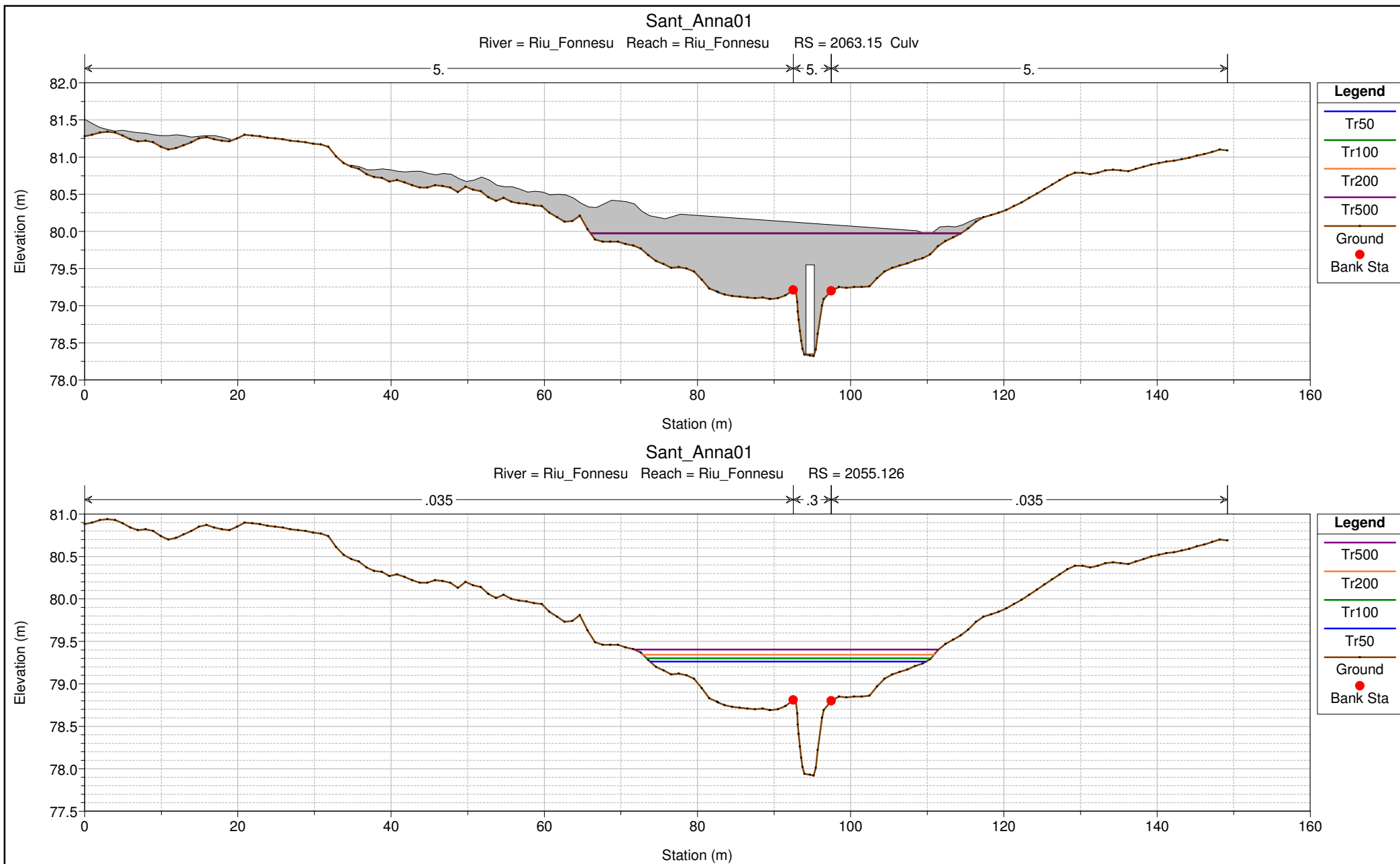


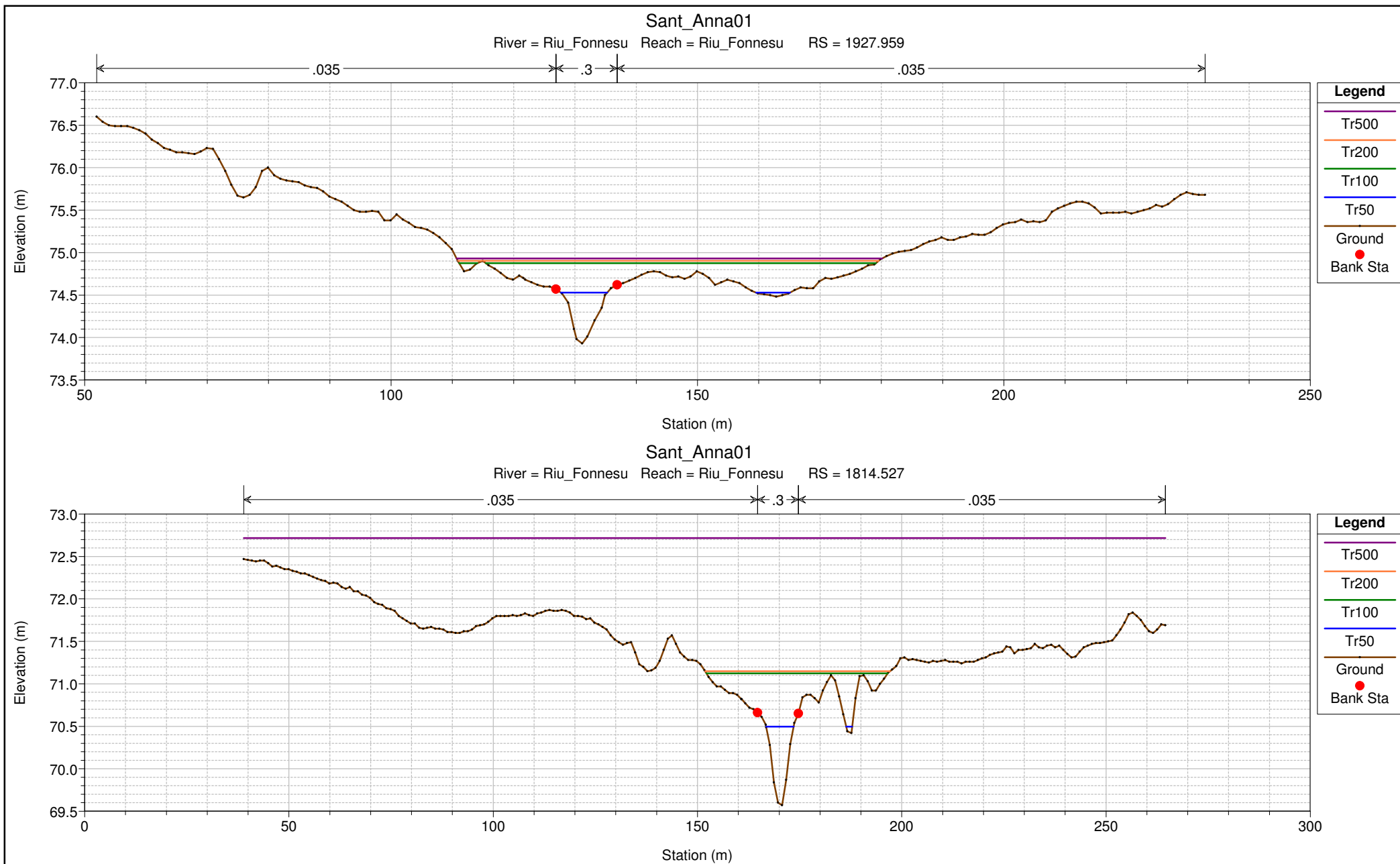


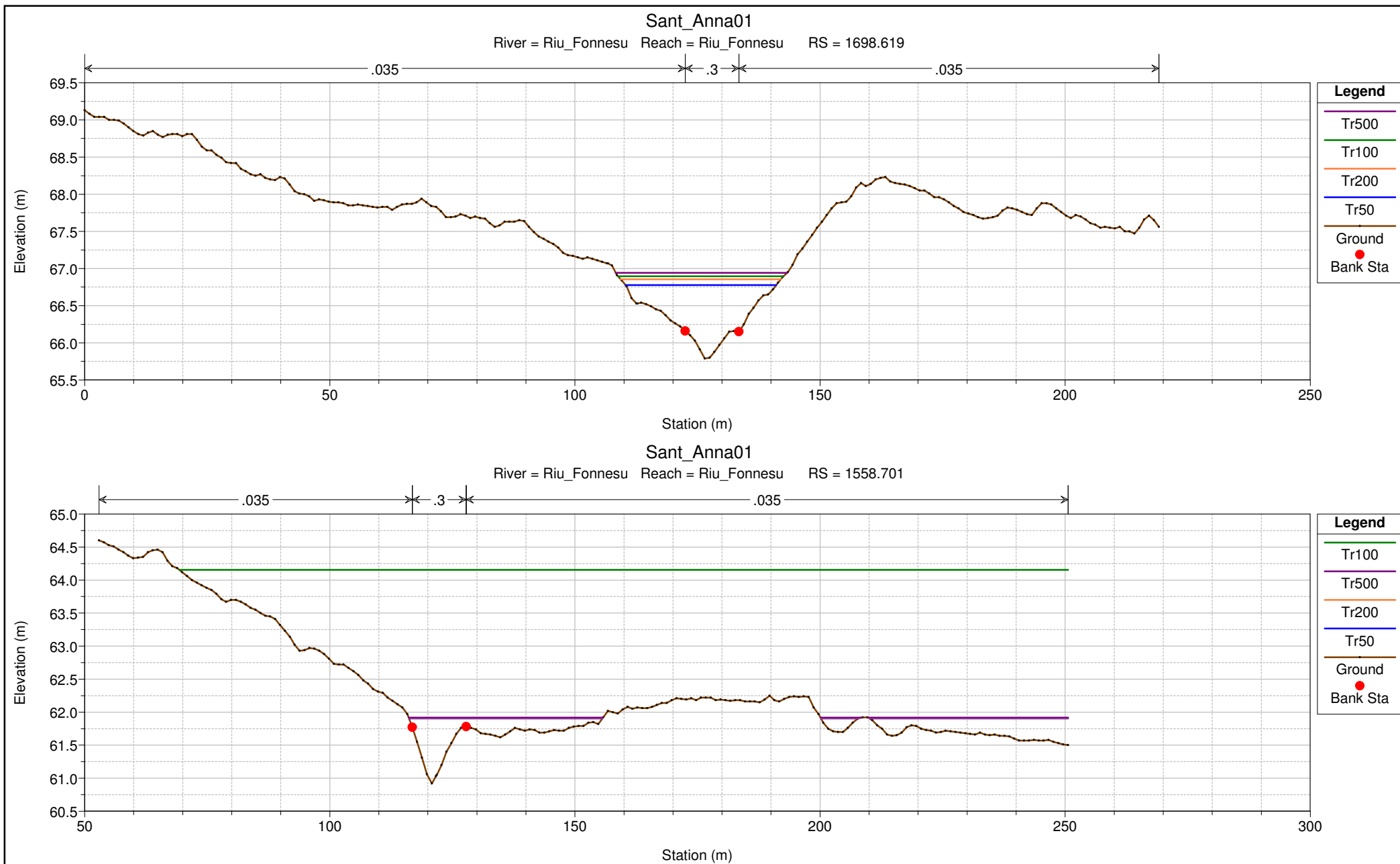


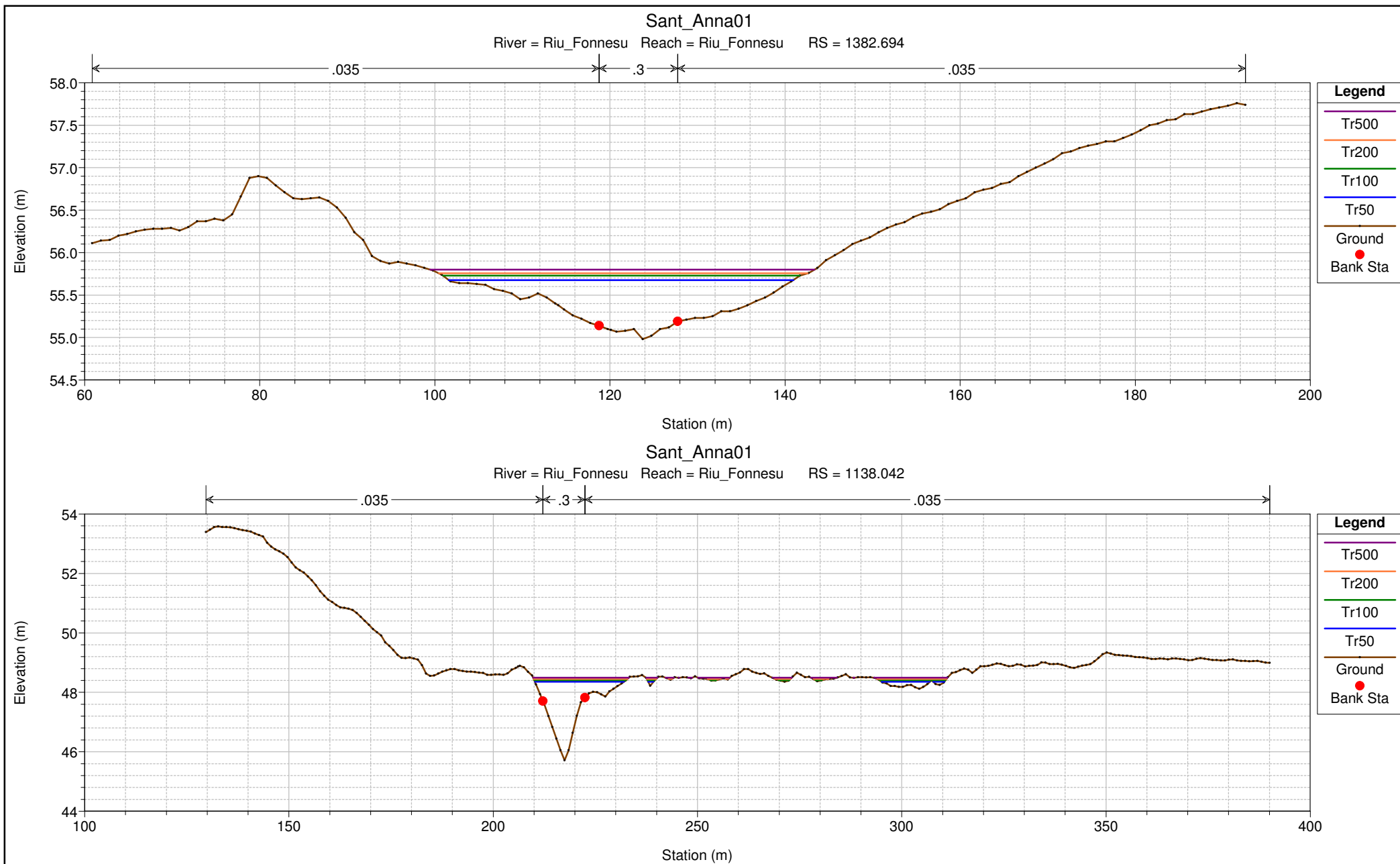


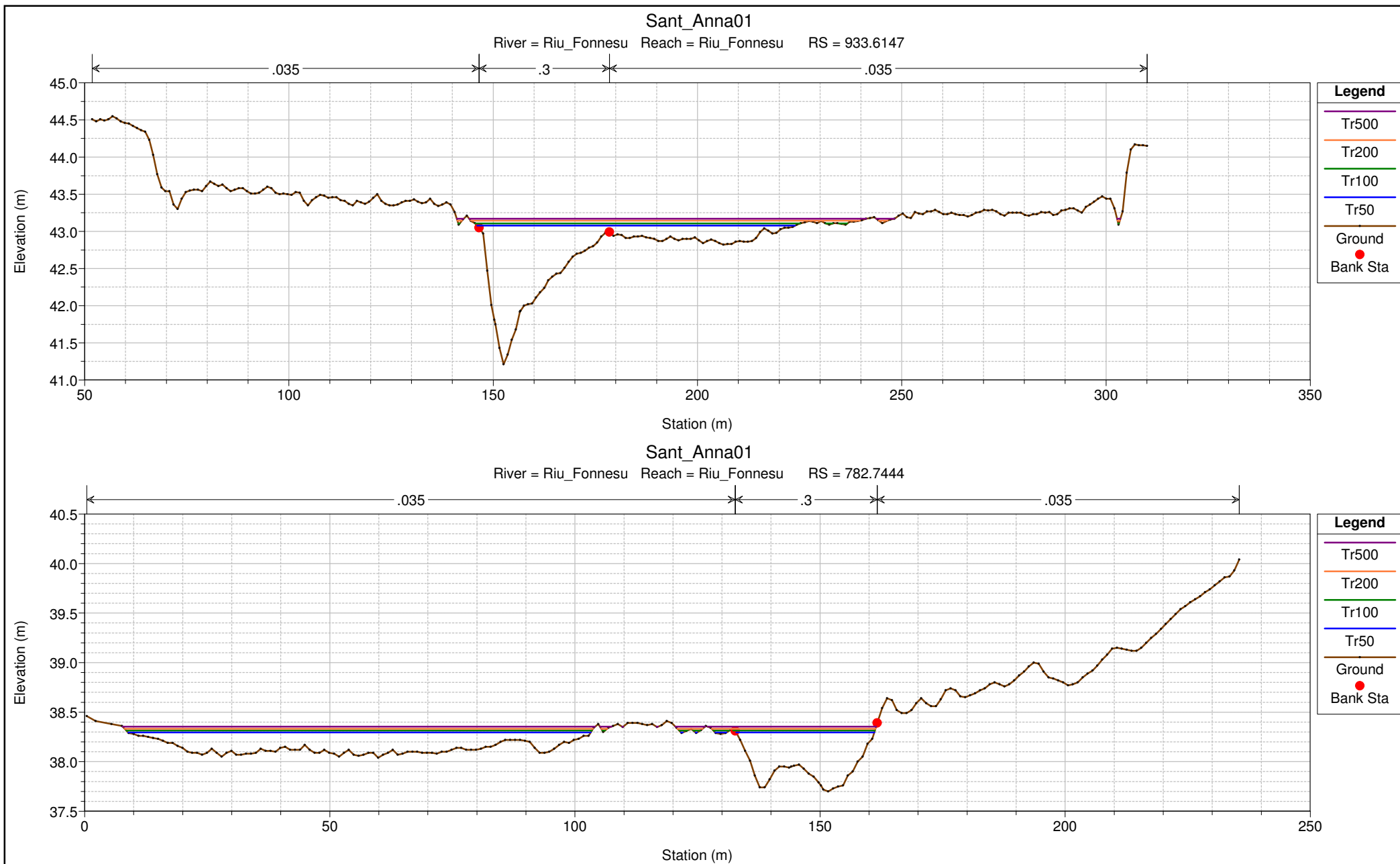


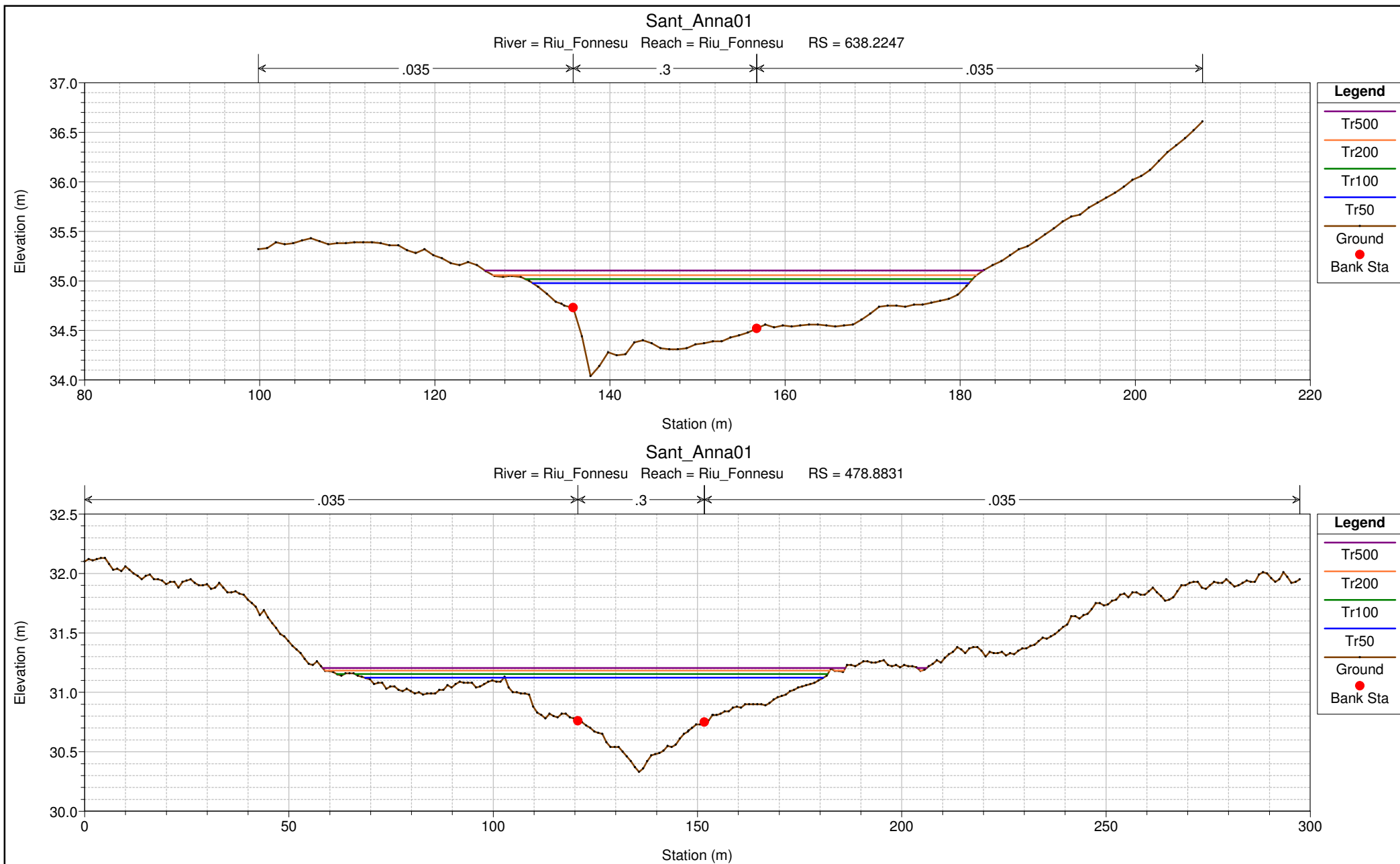


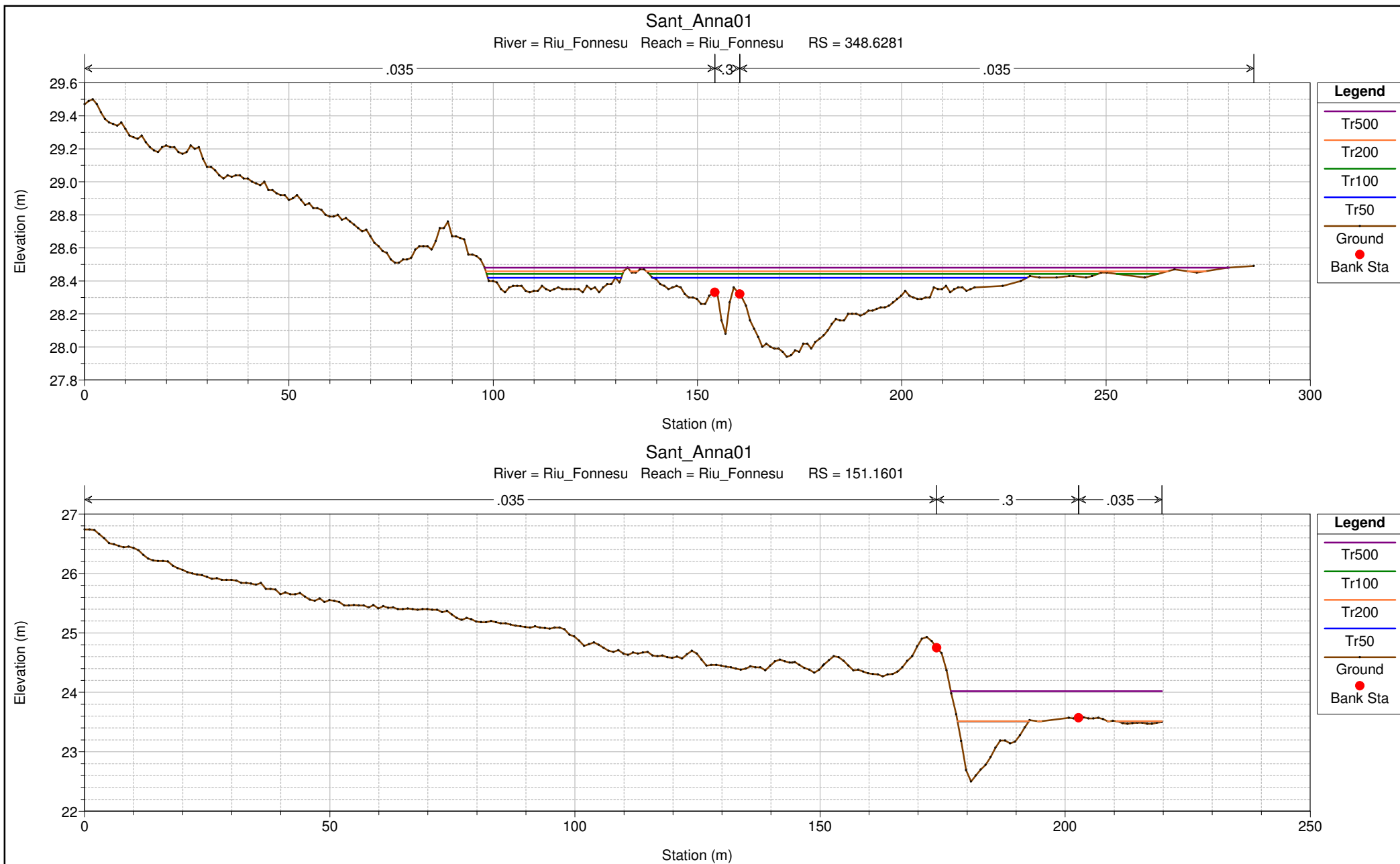


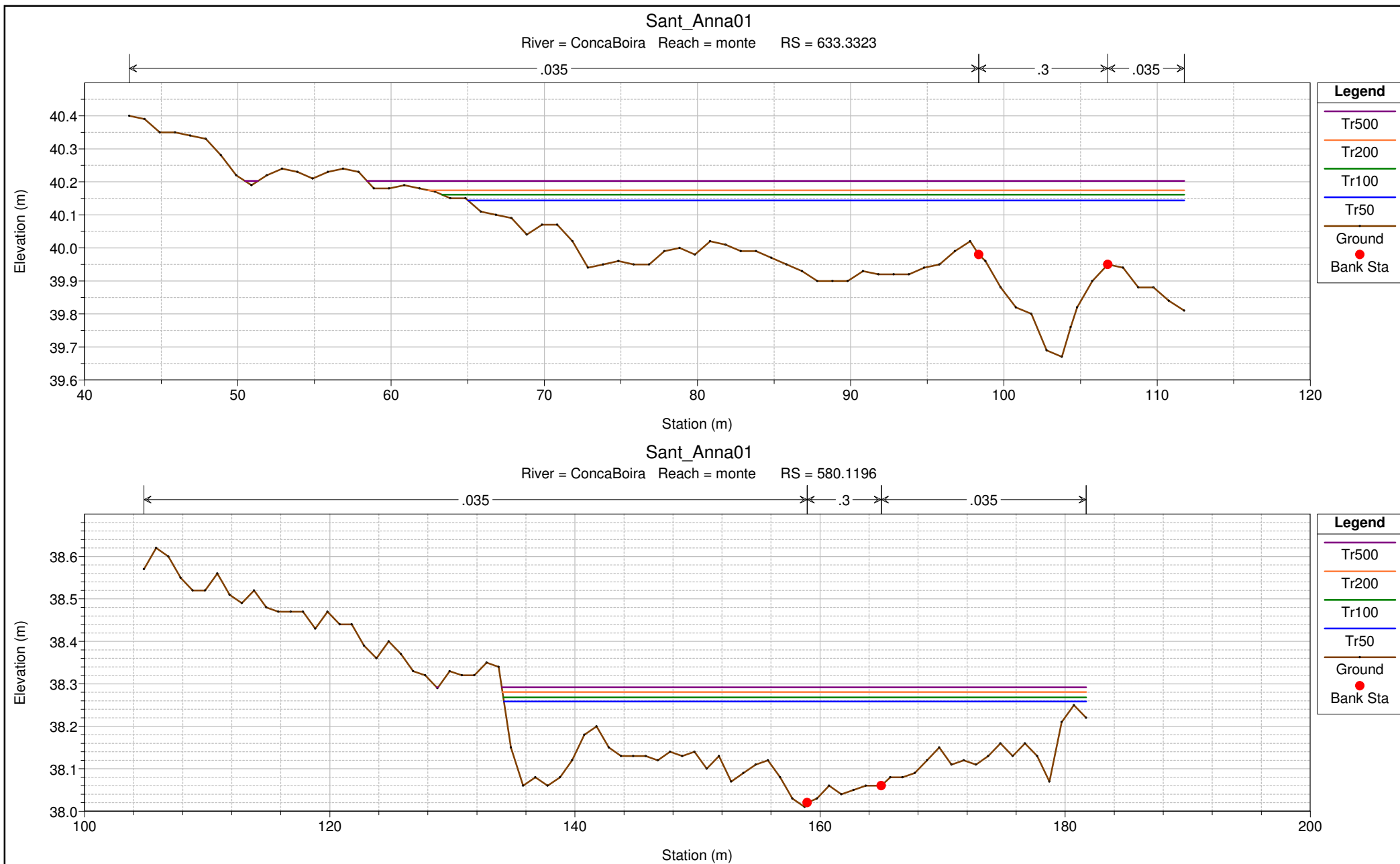


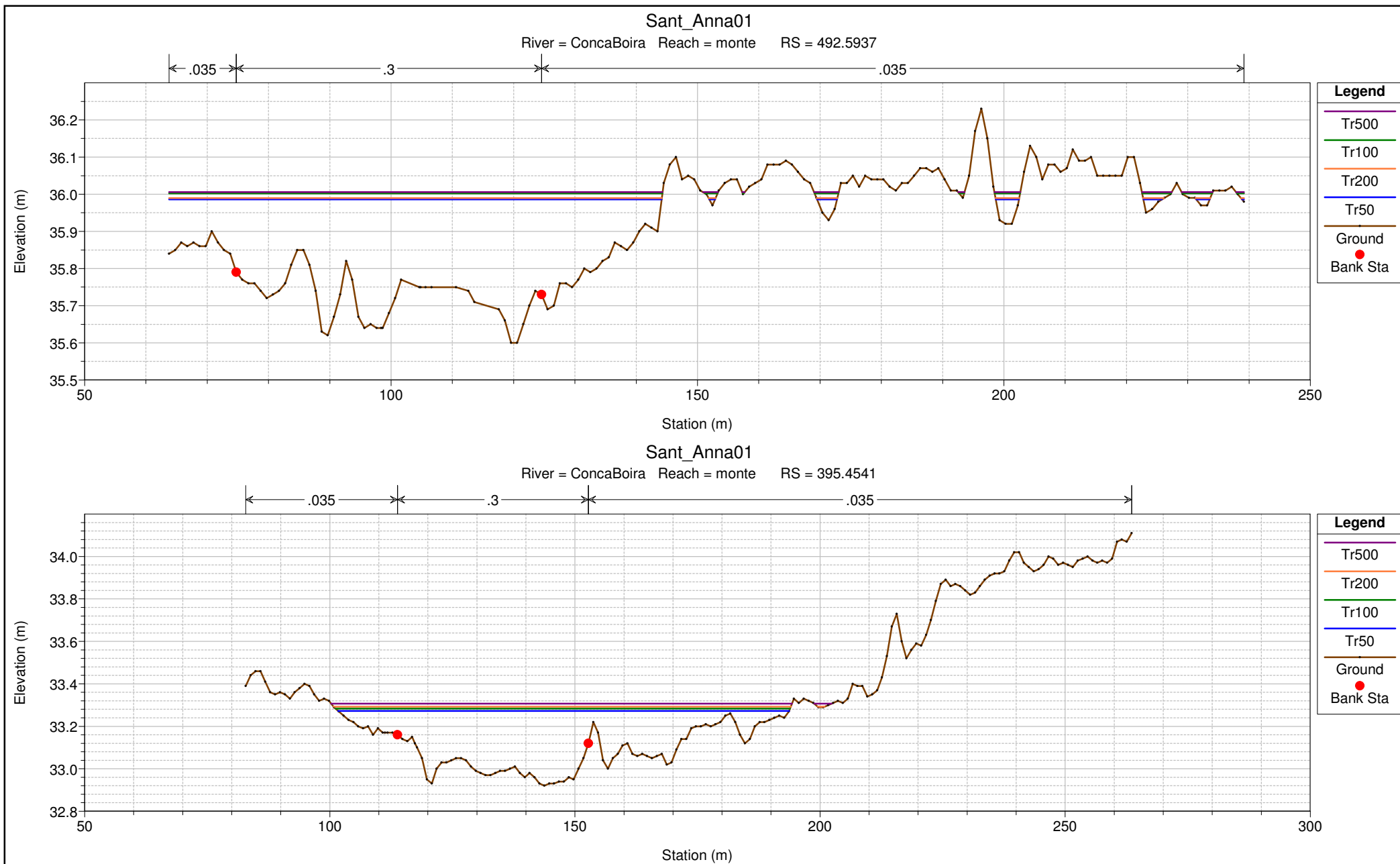


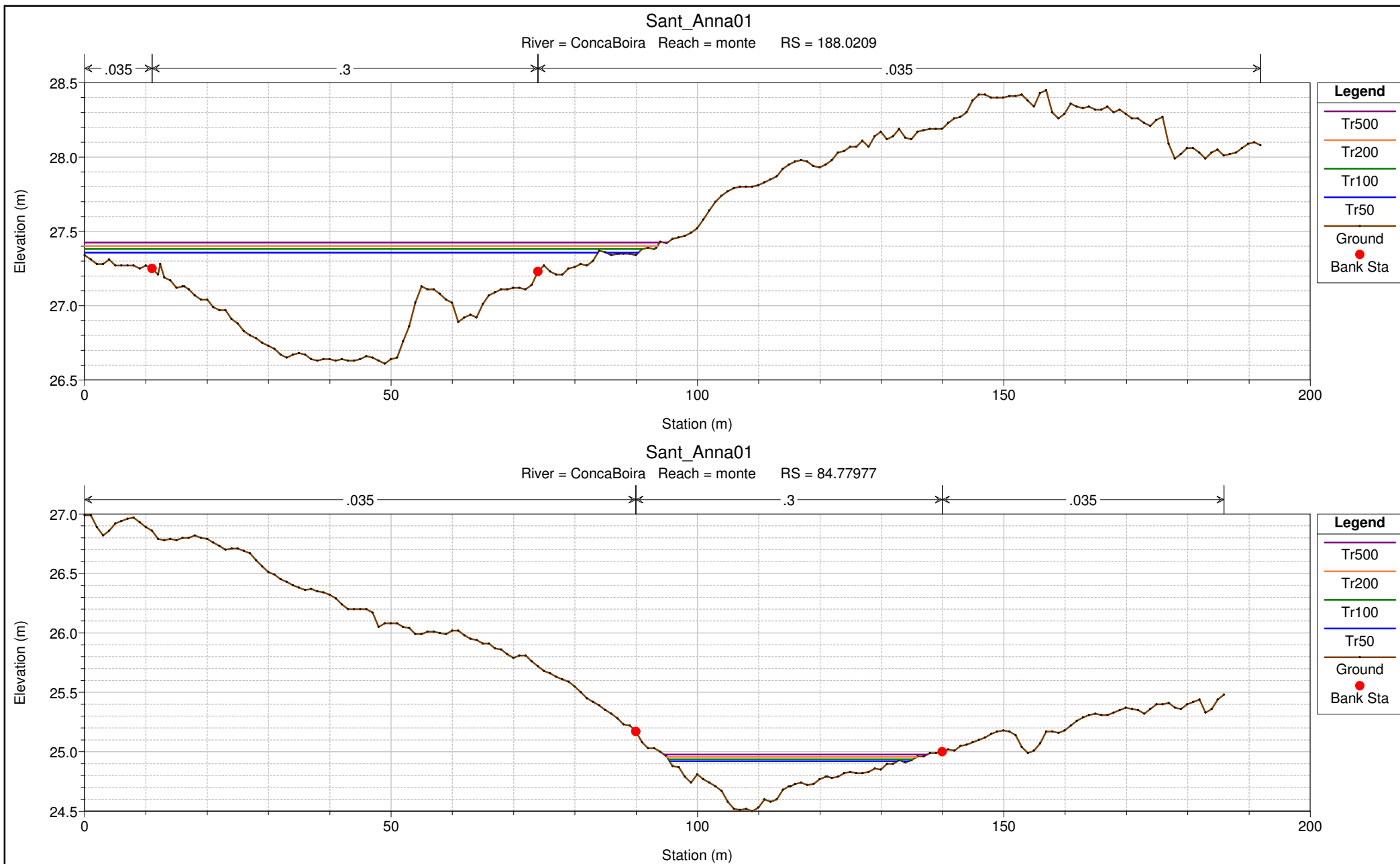


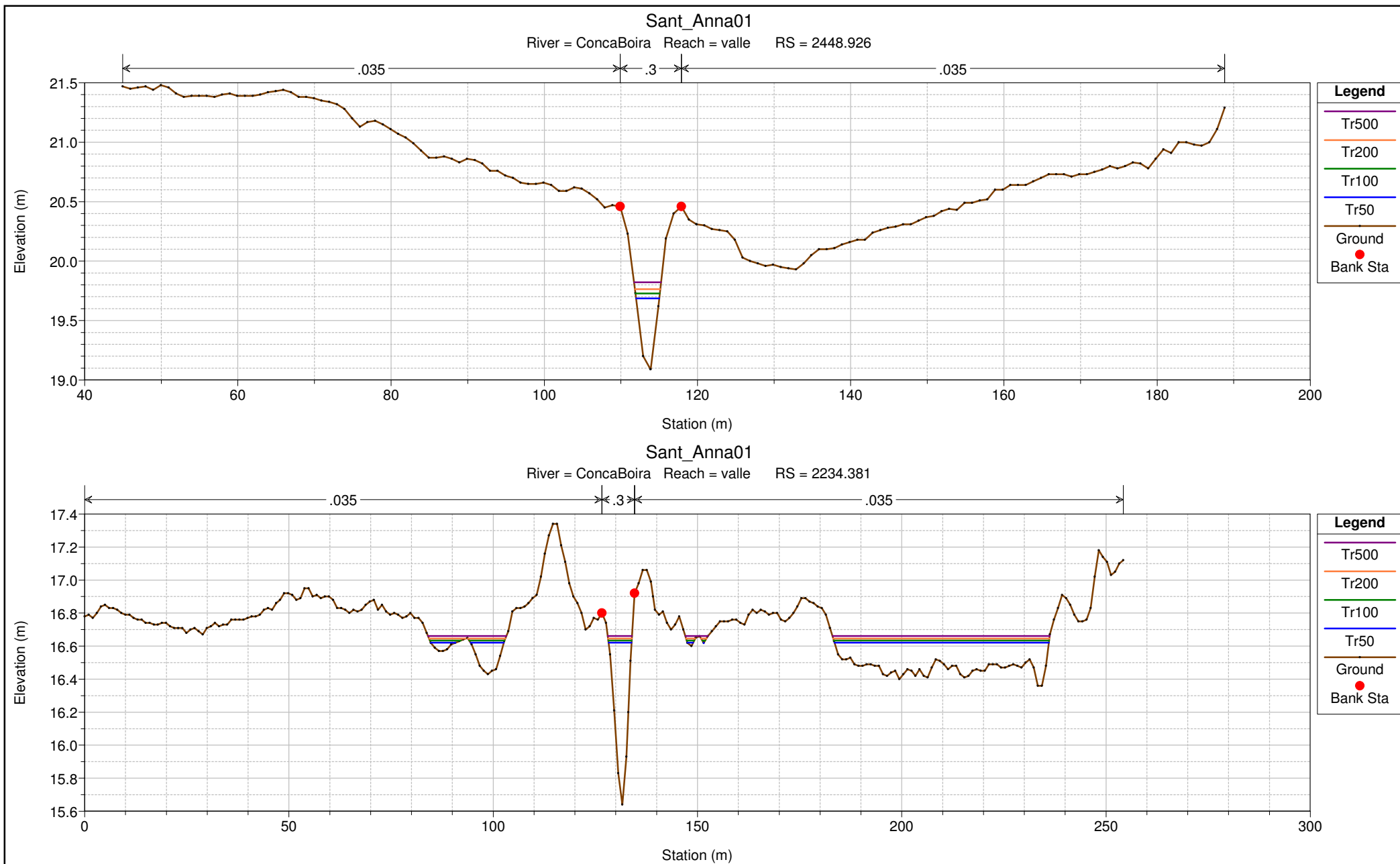


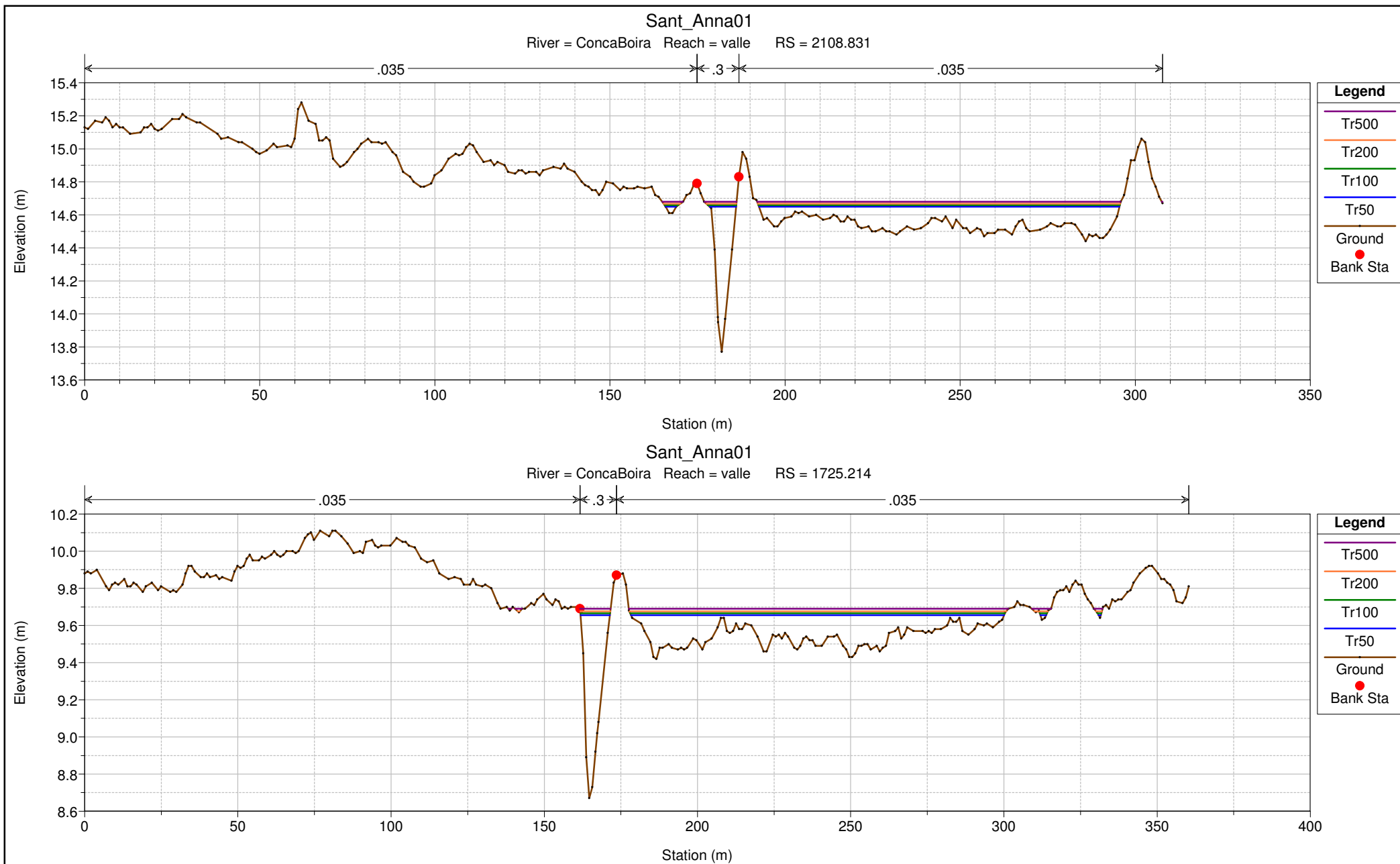


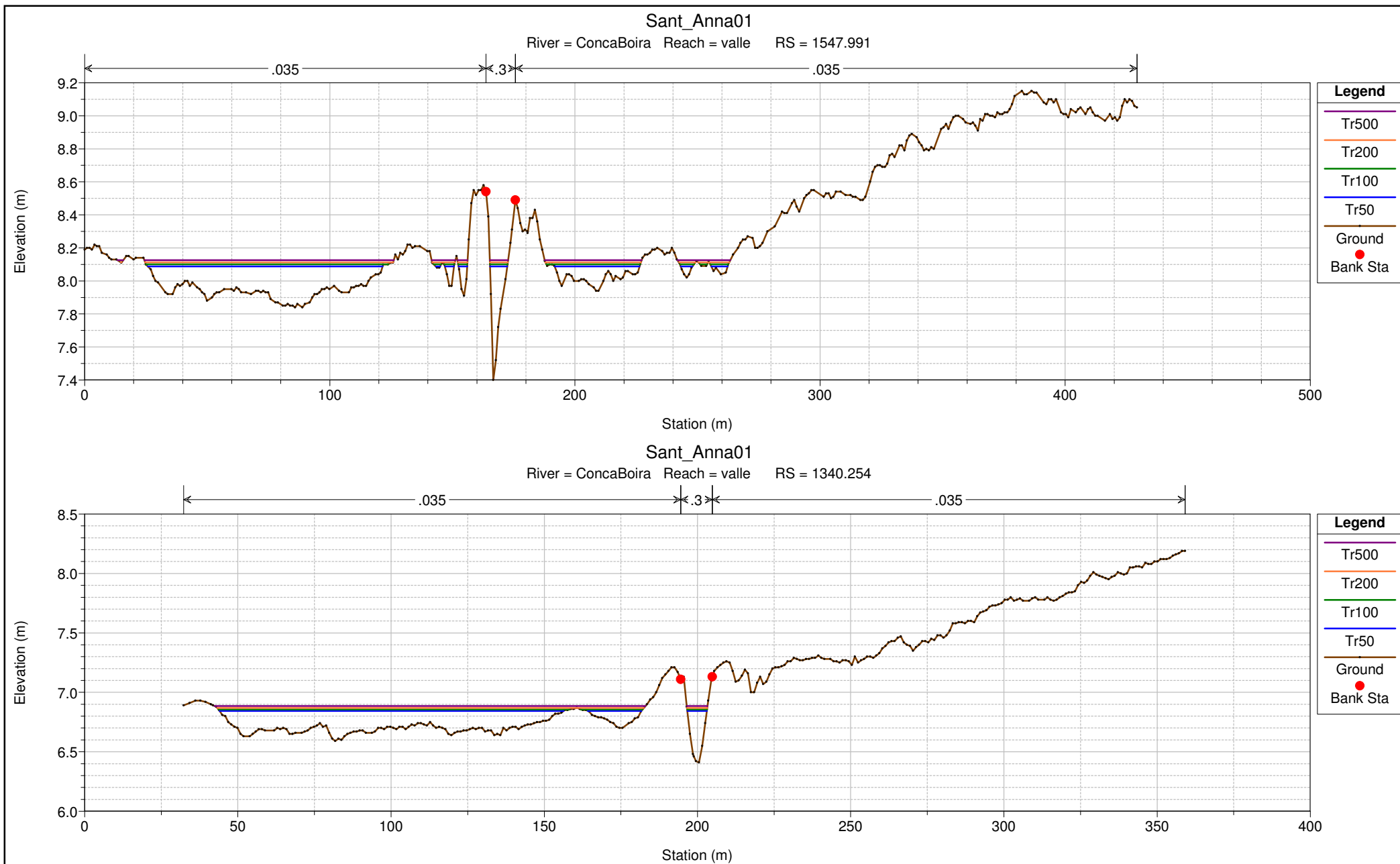


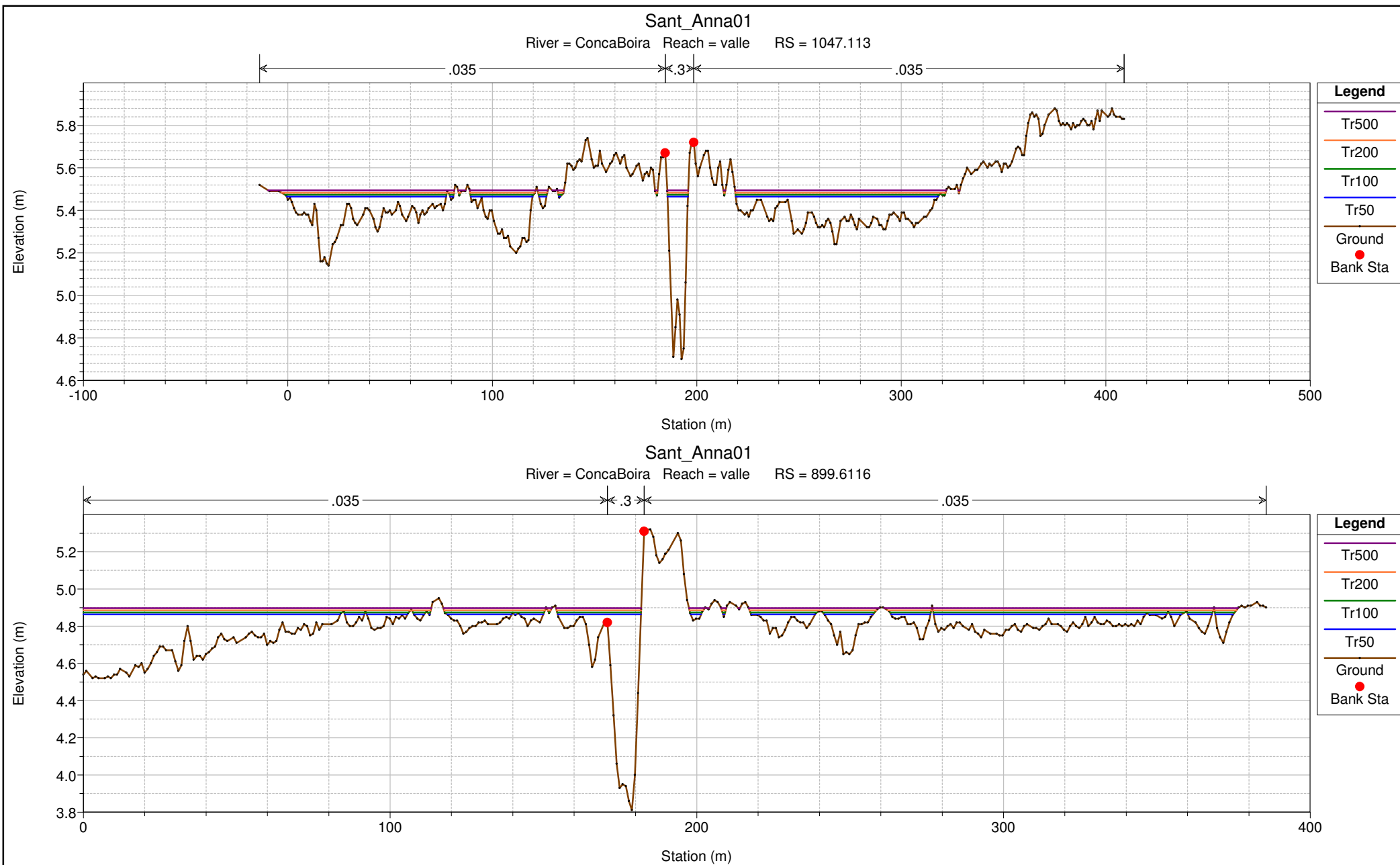


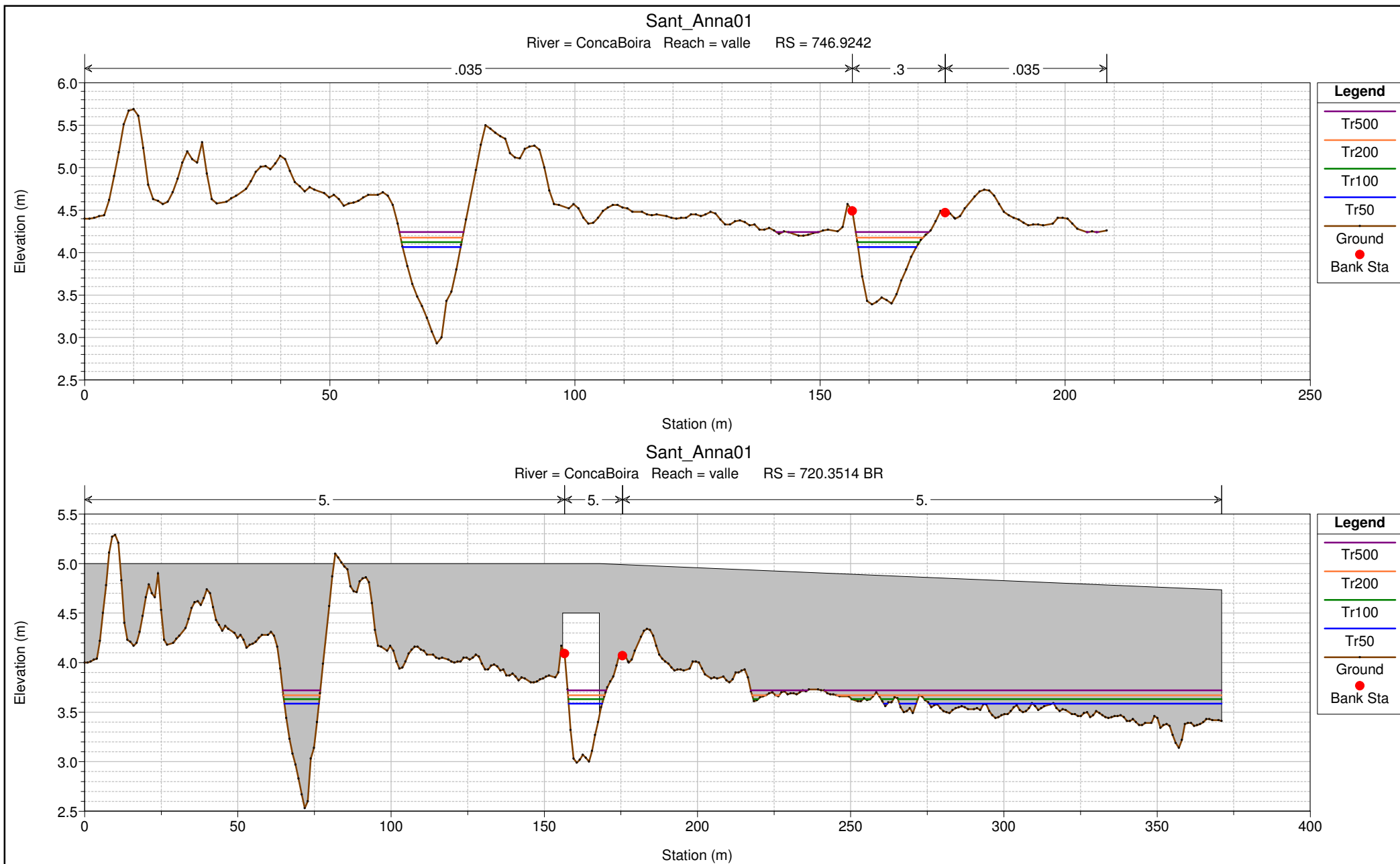


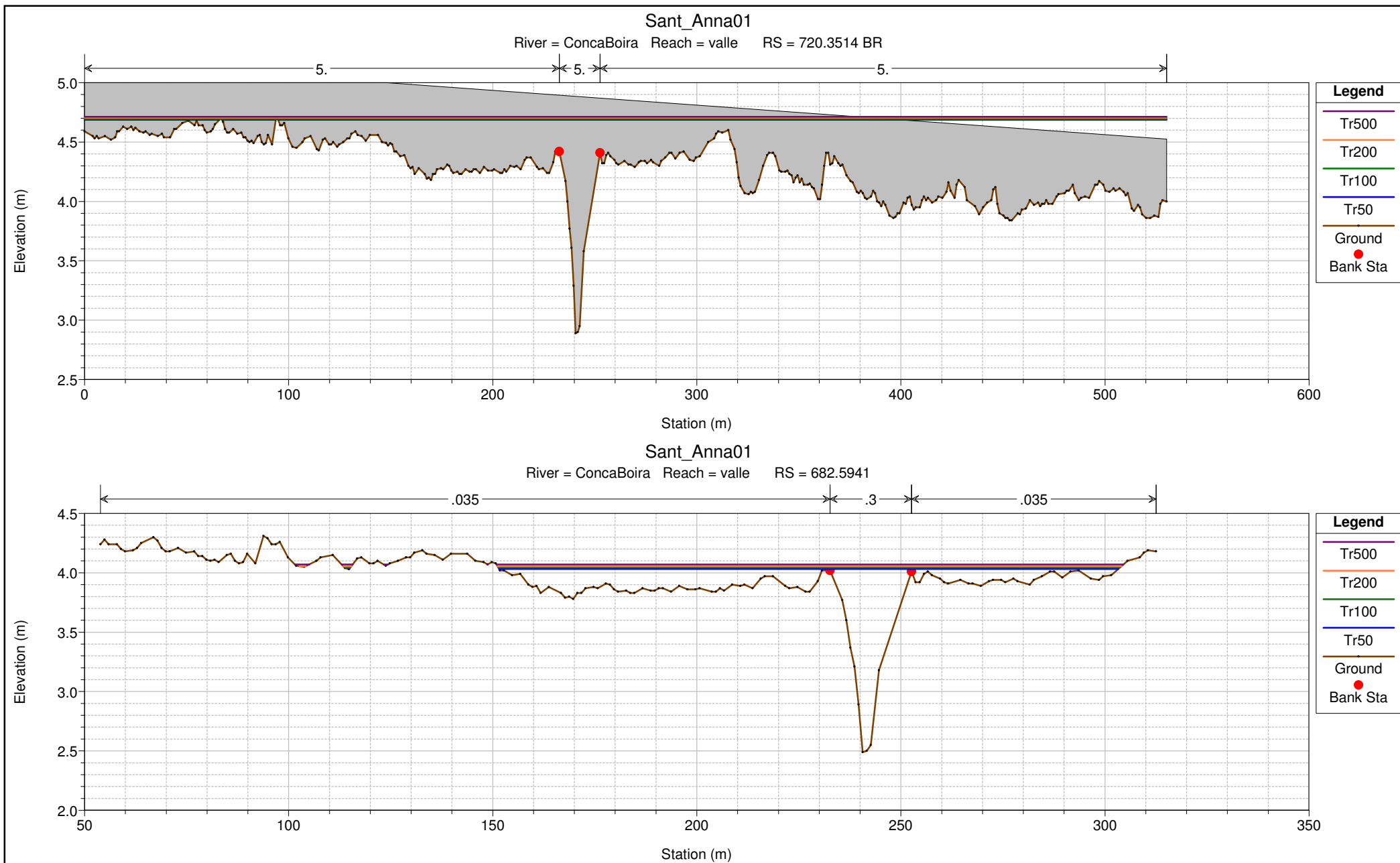


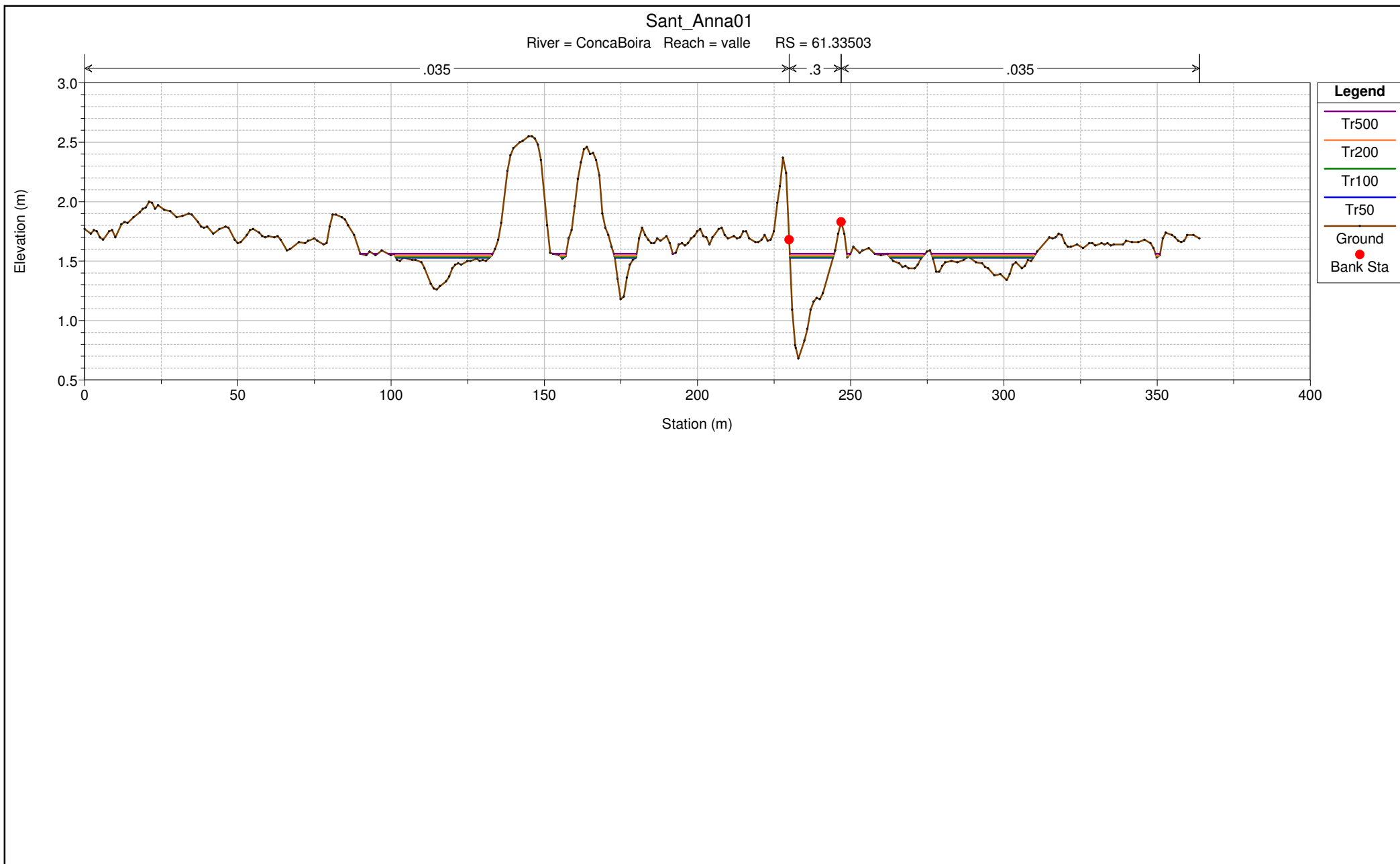


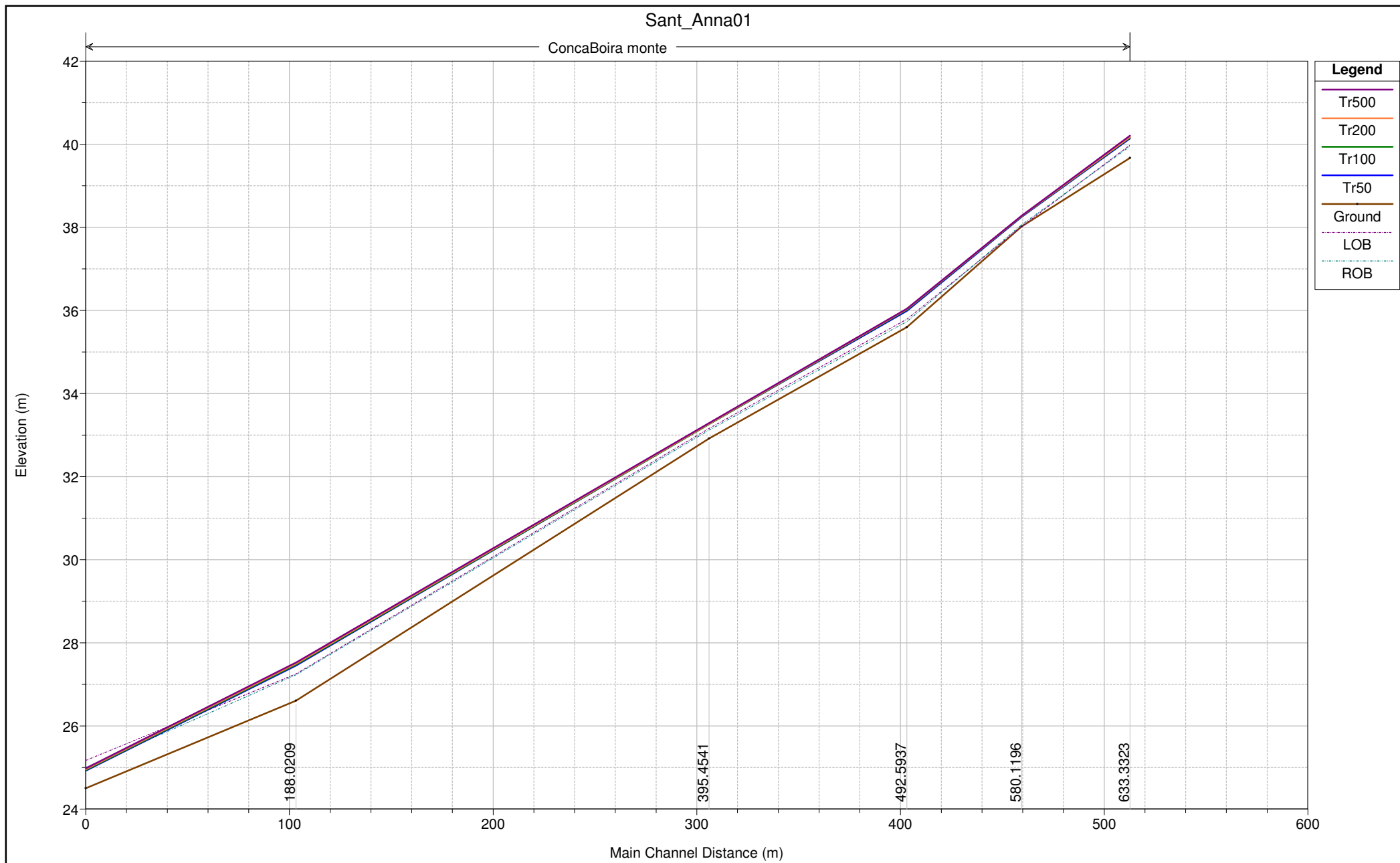


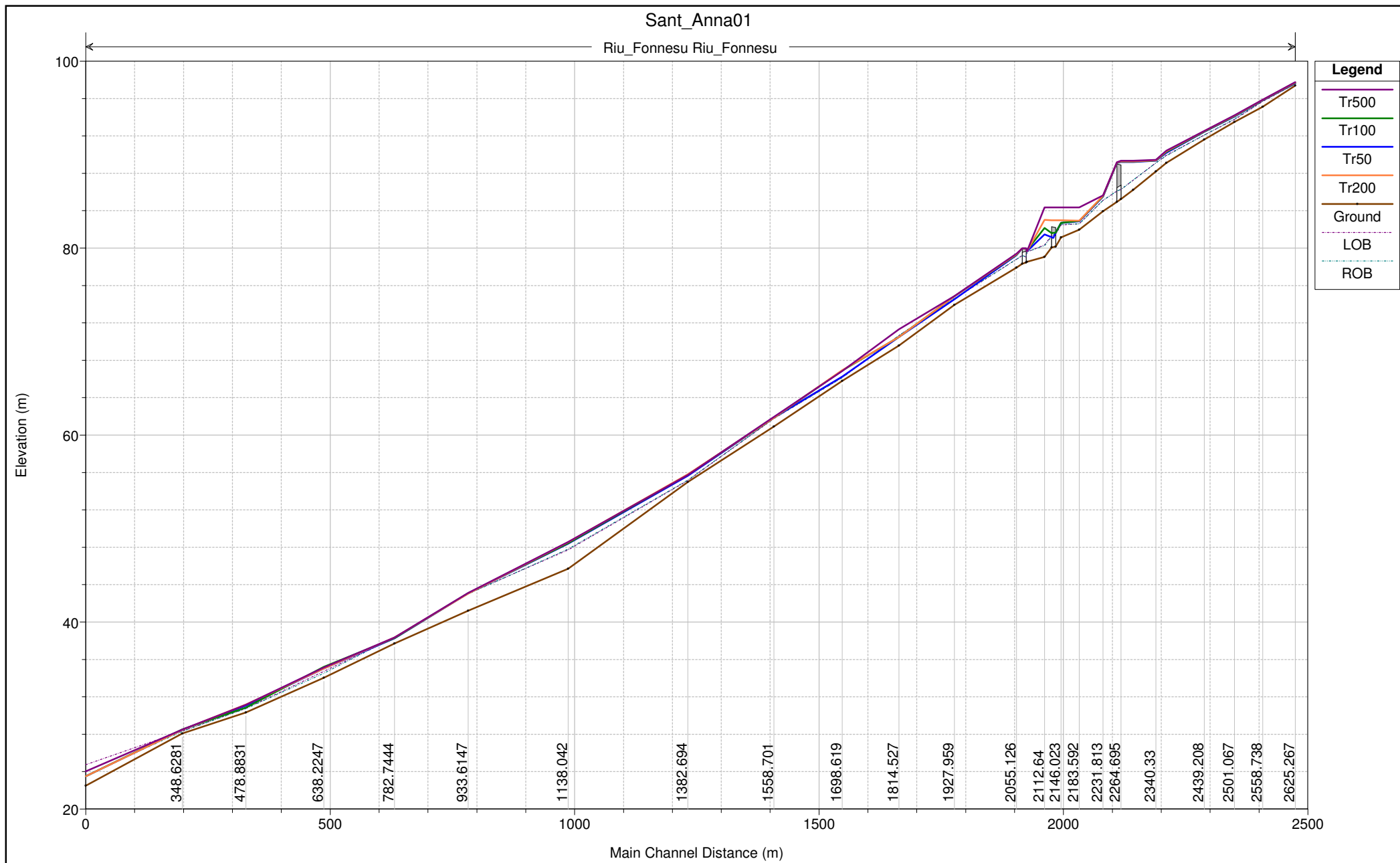


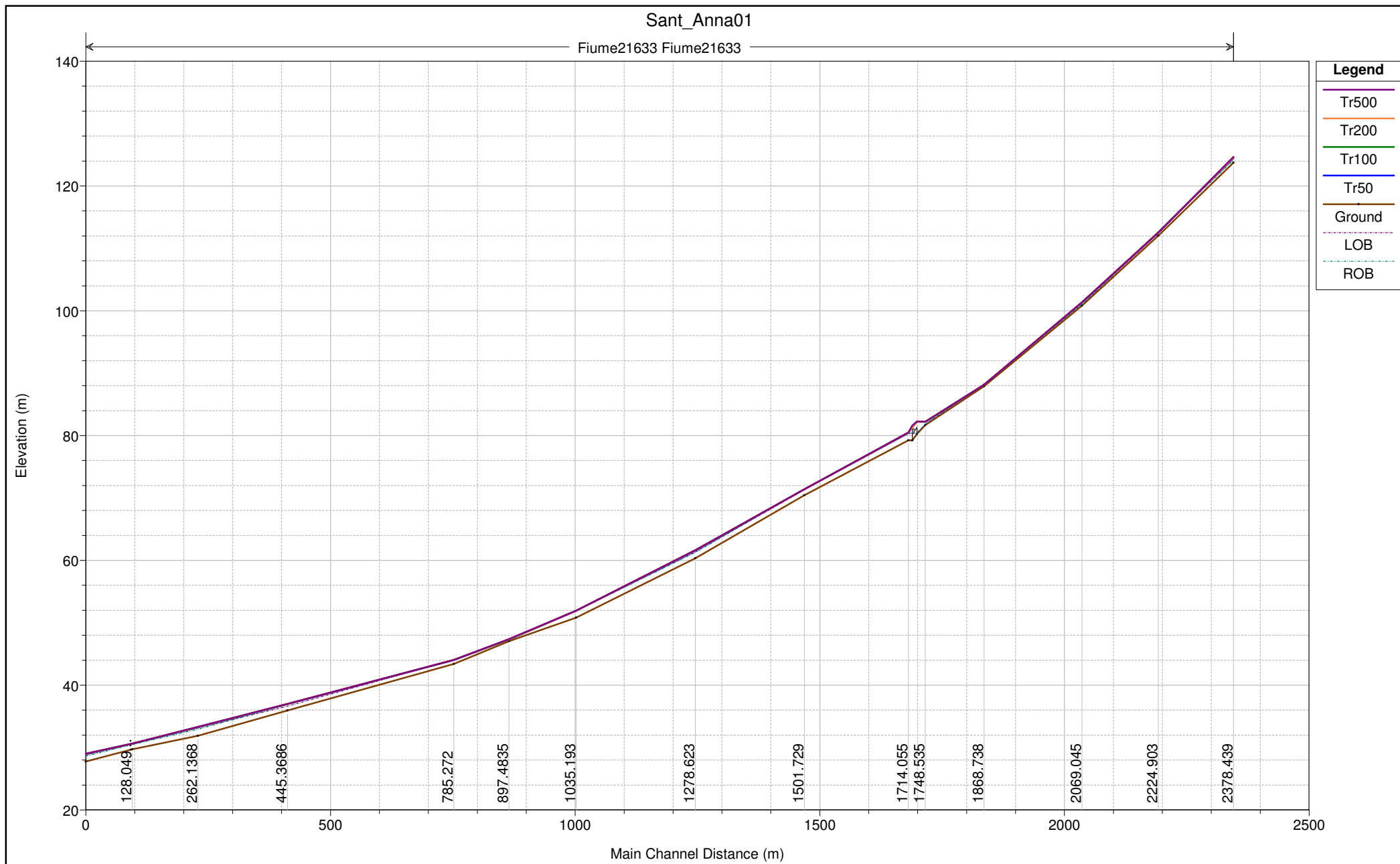


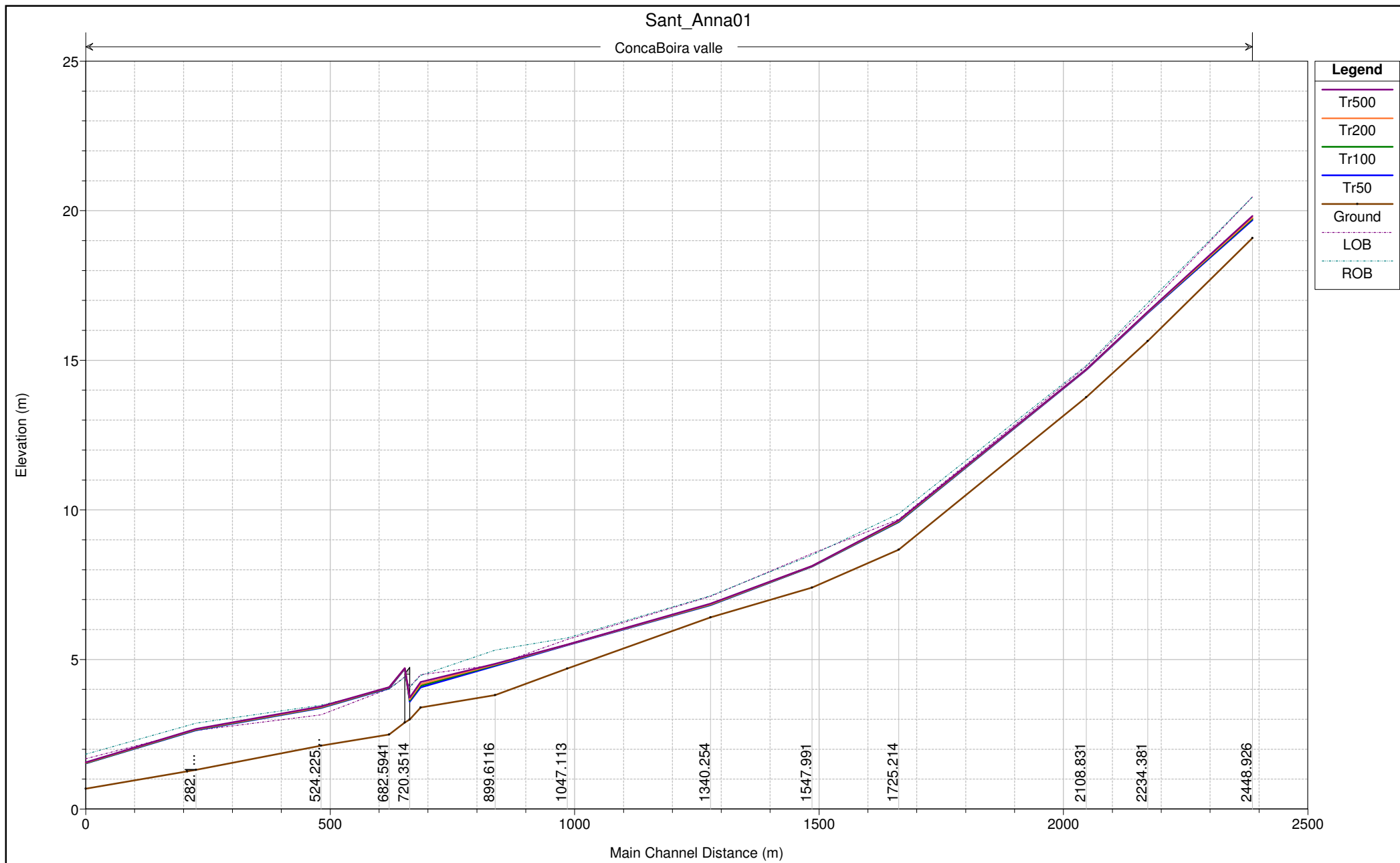












HEC-RAS Plan: Definitivo Locations: User Defined

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Fiume21633	Fiume21633	2378.439	Tr50	12.41	123.73	124.32	124.05	124.34	0.061489	0.44	27.33	73.16	0.22
Fiume21633	Fiume21633	2378.439	Tr100	14.49	123.73	124.36	124.07	124.38	0.061330	0.45	30.25	76.17	0.23
Fiume21633	Fiume21633	2378.439	Tr200	16.58	123.73	124.40	124.09	124.43	0.060238	0.46	33.51	81.14	0.23
Fiume21633	Fiume21633	2378.439	Tr500	19.43	123.73	124.48	124.11	124.51	0.055245	0.44	40.59	101.10	0.22
Fiume21633	Fiume21633	2224.903	Tr50	12.41	112.04	112.47	112.47	113.90	13.219490	4.94	2.42	16.56	3.08
Fiume21633	Fiume21633	2224.903	Tr100	14.49	112.04	113.36	112.47	113.37	0.000964	0.11	31.98	47.02	0.03
Fiume21633	Fiume21633	2224.903	Tr200	16.58	112.04	114.00	112.47	114.00	0.000124	0.05	77.63	94.83	0.01
Fiume21633	Fiume21633	2224.903	Tr500	19.43	112.04	112.47	112.47	115.98	31.834650	7.68	2.43	16.61	4.78
Fiume21633	Fiume21633	2069.045	Tr50	12.41	100.82	101.28	101.32	101.44	0.055160	0.38	8.81	50.67	0.21
Fiume21633	Fiume21633	2069.045	Tr100	14.49	100.82	101.29	101.34	101.48	0.058842	0.40	9.49	53.71	0.22
Fiume21633	Fiume21633	2069.045	Tr200	16.58	100.82	101.31	101.37	101.50	0.064402	0.43	10.50	59.75	0.23
Fiume21633	Fiume21633	2069.045	Tr500	19.43	100.82	101.32	101.39	101.55	0.070398	0.46	11.24	61.05	0.24
Fiume21633	Fiume21633	1868.738	Tr50	12.41	87.91	88.19	88.25	88.36	0.065965	0.25	7.70	64.57	0.20
Fiume21633	Fiume21633	1868.738	Tr100	14.49	87.91	88.20	88.26	88.38	0.068077	0.26	8.81	70.37	0.21
Fiume21633	Fiume21633	1868.738	Tr200	16.58	87.91	88.22	88.27	88.40	0.066627	0.27	9.81	73.51	0.21
Fiume21633	Fiume21633	1868.738	Tr500	19.43	87.91	88.23	88.29	88.43	0.064749	0.28	10.98	75.86	0.20
Fiume21633	Fiume21633	1748.535	Tr50	18.89	81.69	82.16	82.20	82.30	0.045132	0.39	13.93	80.19	0.19
Fiume21633	Fiume21633	1748.535	Tr100	22.38	81.69	82.18	82.22	82.34	0.044794	0.40	15.29	80.55	0.19
Fiume21633	Fiume21633	1748.535	Tr200	25.91	81.69	82.20	82.25	82.37	0.044505	0.40	16.60	80.94	0.20
Fiume21633	Fiume21633	1748.535	Tr500	30.67	81.69	82.22	82.27	82.42	0.043986	0.41	18.29	83.58	0.20
Fiume21633	Fiume21633	1730.061		Culvert									
Fiume21633	Fiume21633	1714.055	Tr50	18.89	79.25	80.42	80.42	80.51	0.023657	0.40	16.73	93.52	0.15
Fiume21633	Fiume21633	1714.055	Tr100	22.38	79.25	80.45	80.45	80.54	0.020160	0.38	19.74	104.31	0.14
Fiume21633	Fiume21633	1714.055	Tr200	25.91	79.25	80.47	80.47	80.57	0.018901	0.37	22.74	125.38	0.13
Fiume21633	Fiume21633	1714.055	Tr500	30.67	79.25	80.51	80.51	80.60	0.016624	0.36	26.89	131.83	0.12
Fiume21633	Fiume21633	1501.729	Tr50	18.89	70.44	71.42	71.46	71.54	0.049536	0.49	14.67	133.06	0.20
Fiume21633	Fiume21633	1501.729	Tr100	22.38	70.44	71.44	71.47	71.56	0.045611	0.47	17.04	144.97	0.20
Fiume21633	Fiume21633	1501.729	Tr200	25.91	70.44	71.46	71.48	71.57	0.037016	0.44	20.13	148.94	0.18
Fiume21633	Fiume21633	1501.729	Tr500	30.67	70.44	71.46	71.51	71.61	0.046948	0.49	20.78	149.54	0.20

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Fiume21633	Fiume21633	1278.623	Tr50	18.89	60.34	61.54	61.58	61.69	0.045585	0.45	14.54	71.23	0.20
Fiume21633	Fiume21633	1278.623	Tr100	22.38	60.34	61.57	61.60	61.74	0.044428	0.46	16.02	71.89	0.20
Fiume21633	Fiume21633	1278.623	Tr200	25.91	60.34	61.58	61.64	61.77	0.043435	0.46	17.40	72.23	0.20
Fiume21633	Fiume21633	1278.623	Tr500	30.67	60.34	61.61	61.67	61.83	0.044347	0.48	18.92	73.25	0.20
Fiume21633	Fiume21633	1035.193	Tr50	18.89	50.82	51.94	51.97	52.05	0.036570	0.34	15.94	104.39	0.17
Fiume21633	Fiume21633	1035.193	Tr100	22.38	50.82	51.96	51.98	52.08	0.038477	0.36	17.45	108.68	0.18
Fiume21633	Fiume21633	1035.193	Tr200	25.91	50.82	51.98	52.01	52.10	0.038612	0.37	19.69	115.99	0.18
Fiume21633	Fiume21633	1035.193	Tr500	30.67	50.82	52.00	52.02	52.13	0.038684	0.38	21.99	125.50	0.18
Fiume21633	Fiume21633	897.4835	Tr50	18.89	47.06	47.30	47.32	47.40	0.032805	0.17	14.35	107.35	0.14
Fiume21633	Fiume21633	897.4835	Tr100	22.38	47.06	47.31	47.34	47.43	0.034799	0.18	16.01	110.19	0.15
Fiume21633	Fiume21633	897.4835	Tr200	25.91	47.06	47.33	47.35	47.45	0.031759	0.19	18.14	112.48	0.14
Fiume21633	Fiume21633	897.4835	Tr500	30.67	47.06	47.35	47.38	47.48	0.031127	0.20	20.33	113.96	0.14
Fiume21633	Fiume21633	785.272	Tr50	18.89	43.40	44.04	44.05	44.14	0.034364	0.23	14.30	94.06	0.15
Fiume21633	Fiume21633	785.272	Tr100	22.38	43.40	44.06	44.08	44.17	0.029903	0.22	16.79	101.24	0.14
Fiume21633	Fiume21633	785.272	Tr200	25.91	43.40	44.07	44.10	44.20	0.033179	0.24	17.84	105.56	0.15
Fiume21633	Fiume21633	785.272	Tr500	30.67	43.40	44.09	44.12	44.23	0.032664	0.25	20.08	111.32	0.15
Fiume21633	Fiume21633	445.3686	Tr50	18.89	35.94	36.96	36.94	37.04	0.017631	0.26	18.43	85.11	0.12
Fiume21633	Fiume21633	445.3686	Tr100	22.38	35.94	36.98	36.96	37.07	0.018652	0.27	20.13	87.53	0.13
Fiume21633	Fiume21633	445.3686	Tr200	25.91	35.94	37.00	36.98	37.10	0.018438	0.28	22.02	92.13	0.13
Fiume21633	Fiume21633	445.3686	Tr500	30.67	35.94	37.03	37.02	37.14	0.018836	0.29	24.21	95.19	0.13
Fiume21633	Fiume21633	262.1368	Tr50	18.89	31.90	33.26		33.33	0.018794	0.35	19.99	77.67	0.13
Fiume21633	Fiume21633	262.1368	Tr100	22.38	31.90	33.28		33.37	0.018406	0.36	22.09	80.64	0.13
Fiume21633	Fiume21633	262.1368	Tr200	25.91	31.90	33.31		33.40	0.018203	0.36	24.19	86.10	0.13
Fiume21633	Fiume21633	262.1368	Tr500	30.67	31.90	33.34	33.32	33.44	0.018924	0.38	26.86	100.90	0.14
Fiume21633	Fiume21633	128.0495	Tr50	18.89	29.73	30.60	30.58	30.66	0.018256	0.24	20.86	111.63	0.12
Fiume21633	Fiume21633	128.0495	Tr100	22.38	29.73	30.62	30.60	30.69	0.020071	0.25	22.36	112.40	0.13
Fiume21633	Fiume21633	128.0495	Tr200	25.91	29.73	30.63	30.61	30.72	0.020850	0.26	23.95	112.87	0.13
Fiume21633	Fiume21633	128.0495	Tr500	30.67	29.73	30.66	30.64	30.75	0.018423	0.26	27.17	113.44	0.13
Fiume21633	Fiume21633	33.08084	Tr50	18.89	27.78	28.94	28.94	29.06	0.019584	0.36	16.20	64.00	0.14
Fiume21633	Fiume21633	33.08084	Tr100	22.38	27.78	28.98	28.98	29.10	0.016507	0.35	19.18	73.91	0.13

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Fiume21633	Fiume21633	33.08084	Tr200	25.91	27.78	29.00	29.01	29.14	0.016601	0.35	21.06	77.59	0.13
Fiume21633	Fiume21633	33.08084	Tr500	30.67	27.78	29.02	29.03	29.18	0.020180	0.39	22.03	78.13	0.14
Riu_Fonnesu	Riu_Fonnesu	2625.267	Tr50	25.74	97.39	97.68	97.68	97.83	0.014946	0.15	16.87	61.04	0.10
Riu_Fonnesu	Riu_Fonnesu	2625.267	Tr100	30.76	97.39	97.73	97.72	97.88	0.014669	0.17	20.08	66.76	0.10
Riu_Fonnesu	Riu_Fonnesu	2625.267	Tr200	35.83	97.39	97.76	97.76	97.92	0.014753	0.18	22.47	69.44	0.11
Riu_Fonnesu	Riu_Fonnesu	2625.267	Tr500	42.61	97.39	97.81	97.81	97.98	0.014944	0.20	25.45	70.86	0.11
Riu_Fonnesu	Riu_Fonnesu	2558.738	Tr50	25.74	95.11	95.91	95.92	96.06	0.023409	0.31	18.81	62.99	0.14
Riu_Fonnesu	Riu_Fonnesu	2558.738	Tr100	30.76	95.11	95.94	95.96	96.11	0.023908	0.33	20.80	64.41	0.15
Riu_Fonnesu	Riu_Fonnesu	2558.738	Tr200	35.83	95.11	95.97	95.99	96.17	0.025093	0.35	22.41	65.14	0.15
Riu_Fonnesu	Riu_Fonnesu	2558.738	Tr500	42.61	95.11	96.00	96.03	96.23	0.025822	0.37	24.54	65.77	0.15
Riu_Fonnesu	Riu_Fonnesu	2501.067	Tr50	25.74	93.49	94.06	94.13	94.31	0.036097	0.37	13.56	46.40	0.18
Riu_Fonnesu	Riu_Fonnesu	2501.067	Tr100	30.76	93.49	94.10	94.17	94.38	0.034606	0.38	15.35	47.71	0.17
Riu_Fonnesu	Riu_Fonnesu	2501.067	Tr200	35.83	93.49	94.13	94.21	94.44	0.033673	0.39	17.05	48.95	0.17
Riu_Fonnesu	Riu_Fonnesu	2501.067	Tr500	42.61	93.49	94.18	94.26	94.51	0.033177	0.41	19.17	50.63	0.18
Riu_Fonnesu	Riu_Fonnesu	2439.208	Tr50	25.74	91.62	92.49	92.54	92.75	0.033913	0.46	15.57	41.67	0.18
Riu_Fonnesu	Riu_Fonnesu	2439.208	Tr100	30.76	91.62	92.54	92.60	92.82	0.031602	0.46	17.50	42.54	0.18
Riu_Fonnesu	Riu_Fonnesu	2439.208	Tr200	35.83	91.62	92.58	92.65	92.89	0.029956	0.47	19.33	43.32	0.17
Riu_Fonnesu	Riu_Fonnesu	2439.208	Tr500	42.61	91.62	92.63	92.71	92.97	0.029507	0.49	21.75	45.84	0.17
Riu_Fonnesu	Riu_Fonnesu	2361.732	Tr50	25.74	89.11	90.19	90.34	90.71	0.035295	0.46	15.68	28.12	0.18
Riu_Fonnesu	Riu_Fonnesu	2361.732	Tr100	30.76	89.11	90.38	90.51	90.76	0.018314	0.39	21.48	30.77	0.14
Riu_Fonnesu	Riu_Fonnesu	2361.732	Tr200	35.83	89.11	90.45	90.52	90.85	0.018958	0.42	23.67	40.06	0.14
Riu_Fonnesu	Riu_Fonnesu	2361.732	Tr500	42.61	89.11	90.53	90.56	90.84	0.029474	0.56	27.45	46.63	0.18
Riu_Fonnesu	Riu_Fonnesu	2340.33	Tr50	25.74	88.20	89.41	89.55	89.87	0.050210	0.50	9.94	26.62	0.15
Riu_Fonnesu	Riu_Fonnesu	2340.33	Tr100	30.76	88.20	89.46	89.61	89.96	0.047774	0.50	11.20	27.32	0.15
Riu_Fonnesu	Riu_Fonnesu	2340.33	Tr200	35.83	88.20	89.49	89.69	90.07	0.049958	0.52	12.10	27.74	0.15
Riu_Fonnesu	Riu_Fonnesu	2340.33	Tr500	42.61	88.20	89.60	89.76	90.10	0.034107	0.45	15.16	32.34	0.12
Riu_Fonnesu	Riu_Fonnesu	2293.636	Tr50	25.74	86.24	89.25	87.96	89.26	0.000134	0.05	73.57	58.91	0.01
Riu_Fonnesu	Riu_Fonnesu	2293.636	Tr100	30.76	86.24	89.30	88.02	89.31	0.000172	0.06	76.35	59.96	0.01
Riu_Fonnesu	Riu_Fonnesu	2293.636	Tr200	35.83	86.24	89.34	88.08	89.35	0.000215	0.06	78.48	60.77	0.01
Riu_Fonnesu	Riu_Fonnesu	2293.636	Tr500	42.61	86.24	89.39	88.14	89.40	0.000271	0.07	81.62	61.65	0.01

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Riu_Fonnesu	Riu_Fonnesu	2264.695		Culvert									
Riu_Fonnesu	Riu_Fonnesu	2231.813	Tr50	25.74	83.95	85.55	85.55	85.76	0.018409	0.36	14.85	33.42	0.09
Riu_Fonnesu	Riu_Fonnesu	2231.813	Tr100	30.76	83.95	85.60	85.60	85.83	0.018030	0.37	16.58	34.25	0.09
Riu_Fonnesu	Riu_Fonnesu	2231.813	Tr200	35.83	83.95	85.66	85.66	85.90	0.016172	0.36	18.76	35.27	0.09
Riu_Fonnesu	Riu_Fonnesu	2231.813	Tr500	42.61	83.95	85.72	85.72	85.99	0.015988	0.36	20.90	36.20	0.09
Riu_Fonnesu	Riu_Fonnesu	2183.592	Tr50	25.74	81.97	83.00	83.17	83.56	0.050600	0.52	8.80	21.26	0.18
Riu_Fonnesu	Riu_Fonnesu	2183.592	Tr100	30.76	81.97	83.06	83.24	83.67	0.048702	0.53	9.93	21.80	0.17
Riu_Fonnesu	Riu_Fonnesu	2183.592	Tr200	35.83	81.97	83.10	83.29	83.78	0.047976	0.54	10.96	22.29	0.17
Riu_Fonnesu	Riu_Fonnesu	2183.592	Tr500	42.61	81.97	83.16	83.38	83.91	0.047451	0.56	12.26	22.88	0.17
Riu_Fonnesu	Riu_Fonnesu	2146.023	Tr50	25.74	81.15	82.71	82.71	82.86	0.031049	0.50	17.30	66.67	0.15
Riu_Fonnesu	Riu_Fonnesu	2146.023	Tr100	30.76	81.15	83.40	82.76	83.41	0.000410	0.08	67.27	80.99	0.02
Riu_Fonnesu	Riu_Fonnesu	2146.023	Tr200	35.83	81.15	82.75	82.78	82.96	0.035202	0.55	19.96	67.13	0.16
Riu_Fonnesu	Riu_Fonnesu	2146.023	Tr500	42.61	81.15	82.77	82.83	83.03	0.037879	0.58	21.49	67.39	0.16
Riu_Fonnesu	Riu_Fonnesu	2127.858		Culvert									
Riu_Fonnesu	Riu_Fonnesu	2112.64	Tr50	25.74	79.06	82.27		82.28	0.000043	0.04	119.25	86.65	0.01
Riu_Fonnesu	Riu_Fonnesu	2112.64	Tr100	30.76	79.06	83.40		83.40	0.000009	0.02	216.92	86.65	0.00
Riu_Fonnesu	Riu_Fonnesu	2112.64	Tr200	35.83	79.06	80.81	80.81	81.07	0.019528	0.48	19.14	35.96	0.13
Riu_Fonnesu	Riu_Fonnesu	2112.64	Tr500	42.61	79.06	80.89	80.89	81.16	0.017276	0.47	21.96	37.66	0.12
Riu_Fonnesu	Riu_Fonnesu	2076.731	Tr50	25.74	78.54	79.67	79.67	82.04	8.963508	6.14	3.98	14.22	2.70
Riu_Fonnesu	Riu_Fonnesu	2076.731	Tr100	30.76	78.54	79.67	79.67	83.06	14.131720	7.64	3.88	13.99	3.38
Riu_Fonnesu	Riu_Fonnesu	2076.731	Tr200	35.83	78.54	80.62	80.18	80.66	0.001532	0.16	50.65	67.75	0.04
Riu_Fonnesu	Riu_Fonnesu	2076.731	Tr500	42.61	78.54	80.68	80.25	80.73	0.001642	0.17	54.70	67.75	0.04
Riu_Fonnesu	Riu_Fonnesu	2063.15		Culvert									
Riu_Fonnesu	Riu_Fonnesu	2055.126	Tr50	25.74	77.92	79.31	79.31	79.51	0.018571	0.42	16.61	37.25	0.13
Riu_Fonnesu	Riu_Fonnesu	2055.126	Tr100	30.76	77.92	79.36	79.36	79.58	0.017993	0.42	18.59	38.31	0.13
Riu_Fonnesu	Riu_Fonnesu	2055.126	Tr200	35.83	77.92	79.42	79.42	79.65	0.016745	0.43	21.05	40.70	0.13
Riu_Fonnesu	Riu_Fonnesu	2055.126	Tr500	42.61	77.92	79.49	79.49	79.72	0.017735	0.46	23.86	46.00	0.14

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Riu_Fonnesu	Riu_Fonnesu	1927.959	Tr50	25.74	73.93	74.88	74.93	75.07	0.042786	0.47	17.04	66.99	0.20
Riu_Fonnesu	Riu_Fonnesu	1927.959	Tr100	30.76	73.93	74.91	74.96	75.13	0.040292	0.48	19.21	68.89	0.20
Riu_Fonnesu	Riu_Fonnesu	1927.959	Tr200	35.83	73.93	74.94	75.00	75.17	0.038993	0.48	21.05	69.68	0.19
Riu_Fonnesu	Riu_Fonnesu	1927.959	Tr500	42.61	73.93	74.97	75.04	75.24	0.037503	0.49	23.44	70.88	0.19
Riu_Fonnesu	Riu_Fonnesu	1814.527	Tr50	25.74	69.57	71.13	70.50	71.34	0.043034	0.65	17.94	44.49	0.21
Riu_Fonnesu	Riu_Fonnesu	1814.527	Tr100	30.76	69.57	71.15	70.50	71.42	0.048741	0.71	19.00	45.48	0.23
Riu_Fonnesu	Riu_Fonnesu	1814.527	Tr200	35.83	69.57	71.26	71.31	71.47	0.026641	0.56	24.25	56.26	0.17
Riu_Fonnesu	Riu_Fonnesu	1814.527	Tr500	42.61	69.57	71.28	71.34	71.53	0.031598	0.62	26.01	72.81	0.19
Riu_Fonnesu	Riu_Fonnesu	1698.619	Tr50	25.74	65.79	66.91	66.91	67.14	0.023746	0.48	18.87	34.08	0.16
Riu_Fonnesu	Riu_Fonnesu	1698.619	Tr100	30.76	65.79	66.88	66.97	67.25	0.039577	0.61	18.05	33.37	0.21
Riu_Fonnesu	Riu_Fonnesu	1698.619	Tr200	35.83	65.79	66.94	67.06	67.33	0.036427	0.61	20.12	34.98	0.20
Riu_Fonnesu	Riu_Fonnesu	1698.619	Tr500	42.61	65.79	66.99	67.15	67.45	0.037302	0.64	21.95	35.94	0.20
Riu_Fonnesu	Riu_Fonnesu	1558.701	Tr50	25.74	60.92	64.38		64.38	0.000002	0.01	403.82	188.17	0.00
Riu_Fonnesu	Riu_Fonnesu	1558.701	Tr100	30.76	60.92	61.91	61.94	62.06	0.029632	0.37	22.01	88.53	0.16
Riu_Fonnesu	Riu_Fonnesu	1558.701	Tr200	35.83	60.92	61.94	61.95	62.10	0.027337	0.37	24.82	90.77	0.16
Riu_Fonnesu	Riu_Fonnesu	1558.701	Tr500	42.61	60.92	61.95	61.99	62.16	0.035559	0.43	25.39	90.91	0.18
Riu_Fonnesu	Riu_Fonnesu	1382.694	Tr50	25.74	54.98	55.73	55.80	56.01	0.036166	0.48	15.26	40.88	0.19
Riu_Fonnesu	Riu_Fonnesu	1382.694	Tr100	30.76	54.98	55.77	55.85	56.08	0.037416	0.50	16.88	42.70	0.19
Riu_Fonnesu	Riu_Fonnesu	1382.694	Tr200	35.83	54.98	55.81	55.91	56.15	0.036607	0.52	18.65	44.46	0.19
Riu_Fonnesu	Riu_Fonnesu	1382.694	Tr500	42.61	54.98	55.86	55.97	56.23	0.036792	0.54	20.74	46.66	0.20
Riu_Fonnesu	Riu_Fonnesu	1138.042	Tr50	25.74	45.71	48.41		48.52	0.026144	0.71	24.18	47.28	0.18
Riu_Fonnesu	Riu_Fonnesu	1138.042	Tr100	30.76	45.71	48.46		48.59	0.026342	0.73	26.68	59.13	0.18
Riu_Fonnesu	Riu_Fonnesu	1138.042	Tr200	35.83	45.71	48.50		48.64	0.026573	0.74	29.26	71.83	0.18
Riu_Fonnesu	Riu_Fonnesu	1138.042	Tr500	42.61	45.71	48.56		48.69	0.025919	0.75	34.19	89.99	0.18
Riu_Fonnesu	Riu_Fonnesu	933.6147	Tr50	25.74	41.21	43.11		43.18	0.027387	0.47	34.54	85.97	0.17
Riu_Fonnesu	Riu_Fonnesu	933.6147	Tr100	30.76	41.21	43.15		43.22	0.028334	0.50	38.41	100.43	0.17
Riu_Fonnesu	Riu_Fonnesu	933.6147	Tr200	35.83	41.21	43.18		43.27	0.028622	0.51	41.11	105.64	0.17
Riu_Fonnesu	Riu_Fonnesu	933.6147	Tr500	42.61	41.21	43.21		43.32	0.028160	0.52	45.10	114.07	0.17
Riu_Fonnesu	Riu_Fonnesu	782.7444	Tr50	25.74	37.70	38.32	38.29	38.39	0.020561	0.26	28.77	131.73	0.13
Riu_Fonnesu	Riu_Fonnesu	782.7444	Tr100	30.76	37.70	38.34	38.32	38.43	0.020537	0.27	31.73	136.25	0.13

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Riu_Fonnesu	Riu_Fonnesu	782.7444	Tr200	35.83	37.70	38.36	38.35	38.46	0.021378	0.28	34.20	140.86	0.14
Riu_Fonnesu	Riu_Fonnesu	782.7444	Tr500	42.61	37.70	38.34	38.39	38.51	0.036413	0.36	32.44	137.27	0.18
Riu_Fonnesu	Riu_Fonnesu	638.2247	Tr50	25.74	34.04	35.02	34.57	35.21	0.023616	0.39	23.71	51.17	0.15
Riu_Fonnesu	Riu_Fonnesu	638.2247	Tr100	30.76	34.04	35.07	35.05	35.28	0.023421	0.41	26.28	55.64	0.15
Riu_Fonnesu	Riu_Fonnesu	638.2247	Tr200	35.83	34.04	35.11	35.13	35.35	0.024256	0.43	28.31	56.94	0.16
Riu_Fonnesu	Riu_Fonnesu	638.2247	Tr500	42.61	34.04	35.16	35.18	35.43	0.023393	0.44	31.55	59.14	0.16
Riu_Fonnesu	Riu_Fonnesu	478.8831	Tr50	25.74	30.33	31.16		31.23	0.019754	0.33	33.47	118.17	0.14
Riu_Fonnesu	Riu_Fonnesu	478.8831	Tr100	30.76	30.33	31.19	31.13	31.27	0.018982	0.33	37.28	127.62	0.14
Riu_Fonnesu	Riu_Fonnesu	478.8831	Tr200	35.83	30.33	31.21	31.17	31.30	0.020224	0.35	39.98	130.74	0.14
Riu_Fonnesu	Riu_Fonnesu	478.8831	Tr500	42.61	30.33	31.24		31.34	0.020530	0.36	43.86	144.16	0.14
Riu_Fonnesu	Riu_Fonnesu	348.6281	Tr50	25.74	28.08	28.45	28.45	28.52	0.022327	0.17	22.72	160.54	0.12
Riu_Fonnesu	Riu_Fonnesu	348.6281	Tr100	30.76	28.08	28.46	28.47	28.55	0.025192	0.18	24.64	170.19	0.13
Riu_Fonnesu	Riu_Fonnesu	348.6281	Tr200	35.83	28.08	28.48	28.49	28.57	0.027608	0.20	27.52	181.19	0.14
Riu_Fonnesu	Riu_Fonnesu	348.6281	Tr500	42.61	28.08	28.51	28.51	28.60	0.020755	0.19	33.91	190.08	0.12
Riu_Fonnesu	Riu_Fonnesu	151.1601	Tr50	25.74	22.50	23.51	23.51	24.11	2.740998	3.34	7.60	25.00	1.54
Riu_Fonnesu	Riu_Fonnesu	151.1601	Tr100	30.76	22.50	23.51	23.51	24.36	3.914392	4.00	7.60	25.00	1.84
Riu_Fonnesu	Riu_Fonnesu	151.1601	Tr200	35.83	22.50	24.03	23.51	24.38	0.027794	0.46	28.99	43.08	0.17
Riu_Fonnesu	Riu_Fonnesu	151.1601	Tr500	42.61	22.50	23.51	23.51	25.14	7.465040	5.56	7.57	24.56	2.55
ConcaBoira	monte	633.3323	Tr50	4.70	39.67	40.07	40.07	40.13	0.025119	0.20	5.90	42.31	0.13
ConcaBoira	monte	633.3323	Tr100	5.18	39.67	40.08	40.08	40.14	0.023919	0.21	6.42	43.69	0.13
ConcaBoira	monte	633.3323	Tr200	5.65	39.67	40.08	40.08	40.15	0.024892	0.21	6.66	43.80	0.13
ConcaBoira	monte	633.3323	Tr500	6.30	39.67	40.09	40.09	40.17	0.025683	0.22	7.03	44.21	0.14
ConcaBoira	monte	580.1196	Tr50	4.70	38.02	38.21	38.22	38.28	0.043536	0.20	4.63	45.21	0.16
ConcaBoira	monte	580.1196	Tr100	5.18	38.02	38.22	38.23	38.29	0.039200	0.20	5.04	45.45	0.16
ConcaBoira	monte	580.1196	Tr200	5.65	38.02	38.23	38.24	38.30	0.030172	0.19	5.72	46.28	0.14
ConcaBoira	monte	580.1196	Tr500	6.30	38.02	38.23	38.25	38.32	0.042943	0.22	5.50	45.97	0.17
ConcaBoira	monte	492.5937	Tr50	4.70	35.60	35.92	35.91	35.96	0.028314	0.19	12.73	81.22	0.14
ConcaBoira	monte	492.5937	Tr100	5.18	35.60	35.93	35.91	35.97	0.028391	0.20	13.31	82.13	0.14
ConcaBoira	monte	492.5937	Tr200	5.65	35.60	35.94	35.92	35.98	0.029047	0.20	13.80	82.85	0.14
ConcaBoira	monte	492.5937	Tr500	6.30	35.60	35.95	35.92	35.99	0.028561	0.21	14.60	84.02	0.14

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
ConcaBoira	monte	395.4541	Tr50	4.70	32.92	33.21		33.25	0.029557	0.20	10.87	75.78	0.14
ConcaBoira	monte	395.4541	Tr100	5.18	32.92	33.22		33.26	0.030192	0.21	11.62	78.88	0.14
ConcaBoira	monte	395.4541	Tr200	5.65	32.92	33.22		33.26	0.029686	0.21	12.27	81.94	0.14
ConcaBoira	monte	395.4541	Tr500	6.30	32.92	33.23		33.28	0.030520	0.22	12.88	83.78	0.15
ConcaBoira	monte	188.0209	Tr50	4.70	26.61	27.22		27.22	0.019656	0.23	20.76	63.37	0.12
ConcaBoira	monte	188.0209	Tr100	5.18	26.61	27.24		27.25	0.019743	0.23	22.11	65.80	0.13
ConcaBoira	monte	188.0209	Tr200	5.65	26.61	27.26		27.26	0.019813	0.24	23.33	69.96	0.13
ConcaBoira	monte	188.0209	Tr500	6.30	26.61	27.28		27.29	0.019818	0.25	24.95	78.86	0.13
ConcaBoira	monte	84.77977	Tr50	4.70	24.50	24.83	24.83	24.90	1.849943	1.17	4.01	30.52	1.03
ConcaBoira	monte	84.77977	Tr100	5.18	24.50	24.84	24.84	24.91	1.791974	1.20	4.32	30.97	1.03
ConcaBoira	monte	84.77977	Tr200	5.65	24.50	24.85	24.85	24.93	1.718027	1.22	4.64	31.58	1.01
ConcaBoira	monte	84.77977	Tr500	6.30	24.50	24.86	24.86	24.94	1.721965	1.25	5.05	33.18	1.02
ConcaBoira	valle	2448.926	Tr50	30.44	19.09	20.17	20.57	23.80	1.608953	2.88	5.23	20.55	1.16
ConcaBoira	valle	2448.926	Tr100	35.94	19.09	20.21	20.63	24.06	1.439322	2.75	5.93	22.82	1.11
ConcaBoira	valle	2448.926	Tr200	41.48	19.09	20.25	20.69	24.03	1.084610	2.40	6.88	24.59	0.96
ConcaBoira	valle	2448.926	Tr500	48.91	19.09	20.26	20.75	24.85	1.326197	2.66	7.26	26.67	1.07
ConcaBoira	valle	2234.381	Tr50	30.44	15.64	16.77	16.76	16.86	0.014856	0.26	26.10	139.06	0.11
ConcaBoira	valle	2234.381	Tr100	35.94	15.64	16.79	16.79	16.89	0.014817	0.26	29.99	159.92	0.11
ConcaBoira	valle	2234.381	Tr200	41.48	15.64	16.78	16.82	16.92	0.021492	0.31	28.96	153.97	0.14
ConcaBoira	valle	2234.381	Tr500	48.91	15.64	16.82	16.86	16.95	0.018984	0.30	35.52	186.62	0.13
ConcaBoira	valle	2108.831	Tr50	30.44	13.77	14.77		14.84	0.013067	0.20	29.59	143.11	0.10
ConcaBoira	valle	2108.831	Tr100	35.94	13.77	14.79	14.75	14.87	0.013084	0.20	33.12	155.87	0.10
ConcaBoira	valle	2108.831	Tr200	41.48	13.77	14.81	14.78	14.90	0.012942	0.21	36.60	161.55	0.10
ConcaBoira	valle	2108.831	Tr500	48.91	13.77	14.84	14.82	14.93	0.012955	0.22	40.77	164.91	0.10
ConcaBoira	valle	1725.214	Tr50	30.44	8.67	9.78		9.82	0.007957	0.20	39.53	197.63	0.09
ConcaBoira	valle	1725.214	Tr100	35.94	8.67	9.80		9.84	0.007731	0.20	44.61	215.30	0.08
ConcaBoira	valle	1725.214	Tr200	41.48	8.67	9.82		9.87	0.007884	0.21	49.10	236.31	0.09
ConcaBoira	valle	1725.214	Tr500	48.91	8.67	9.85		9.90	0.007958	0.21	55.83	253.78	0.09
ConcaBoira	valle	1547.991	Tr50	30.44	7.40	8.22		8.25	0.004986	0.12	48.09	249.50	0.06

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
ConcaBoira	valle	1547.991	Tr100	35.94	7.40	8.24		8.27	0.005044	0.12	53.02	252.00	0.06
ConcaBoira	valle	1547.991	Tr200	41.48	7.40	8.26		8.29	0.005026	0.13	58.02	255.91	0.06
ConcaBoira	valle	1547.991	Tr500	48.91	7.40	8.29		8.32	0.005022	0.13	64.46	258.93	0.06
ConcaBoira	valle	1340.254	Tr50	30.44	6.41	6.99		7.02	0.004557	0.11	41.81	161.71	0.06
ConcaBoira	valle	1340.254	Tr100	35.94	6.41	7.02		7.05	0.004514	0.12	46.34	163.84	0.06
ConcaBoira	valle	1340.254	Tr200	41.48	6.41	7.04		7.08	0.004528	0.12	50.50	164.98	0.06
ConcaBoira	valle	1340.254	Tr500	48.91	6.41	7.07		7.12	0.004546	0.12	55.75	166.60	0.06
ConcaBoira	valle	1047.113	Tr50	30.44	4.70	5.57		5.59	0.004083	0.14	56.05	290.28	0.06
ConcaBoira	valle	1047.113	Tr100	35.94	4.70	5.59		5.61	0.004018	0.14	62.33	306.14	0.06
ConcaBoira	valle	1047.113	Tr200	41.48	4.70	5.62		5.64	0.003981	0.14	68.95	327.85	0.06
ConcaBoira	valle	1047.113	Tr500	48.91	4.70	5.64		5.66	0.004230	0.15	77.45	349.56	0.06
ConcaBoira	valle	899.6116	Tr50	30.44	3.81	4.99		5.00	0.001782	0.12	79.98	371.25	0.04
ConcaBoira	valle	899.6116	Tr100	35.94	3.81	5.02		5.03	0.001523	0.11	92.08	371.56	0.04
ConcaBoira	valle	899.6116	Tr200	41.48	3.81	5.07		5.08	0.001046	0.10	111.54	372.06	0.03
ConcaBoira	valle	899.6116	Tr500	48.91	3.81	5.19		5.20	0.000453	0.07	156.65	376.39	0.02
ConcaBoira	valle	746.9242	Tr50	30.44	3.39	4.70	4.42	4.72	0.001217	0.10	63.24	155.58	0.04
ConcaBoira	valle	746.9242	Tr100	35.94	3.39	4.84	4.47	4.85	0.000875	0.10	85.92	170.84	0.03
ConcaBoira	valle	746.9242	Tr200	41.48	3.39	4.96	4.50	4.97	0.000542	0.08	107.81	175.81	0.02
ConcaBoira	valle	746.9242	Tr500	48.91	3.39	5.14	4.54	5.15	0.000334	0.07	140.22	190.07	0.02
ConcaBoira	valle	720.3514		Bridge									
ConcaBoira	valle	682.5941	Tr50	30.44	2.49	4.18		4.20	0.004335	0.19	56.29	227.13	0.07
ConcaBoira	valle	682.5941	Tr100	35.94	2.49	4.21		4.23	0.004392	0.19	63.38	241.82	0.07
ConcaBoira	valle	682.5941	Tr200	41.48	2.49	4.23		4.26	0.004386	0.20	68.67	244.05	0.07
ConcaBoira	valle	682.5941	Tr500	48.91	2.49	4.26		4.29	0.004387	0.20	75.33	251.34	0.07
ConcaBoira	valle	524.2251	Tr50	30.44	2.12	3.59		3.61	0.002951	0.18	61.52	277.09	0.06
ConcaBoira	valle	524.2251	Tr100	35.94	2.12	3.62		3.64	0.003005	0.18	68.84	290.23	0.06
ConcaBoira	valle	524.2251	Tr200	41.48	2.12	3.64		3.66	0.002944	0.18	75.83	299.81	0.06
ConcaBoira	valle	524.2251	Tr500	48.91	2.12	3.67		3.69	0.002866	0.18	85.21	308.67	0.06
ConcaBoira	valle	282.1336	Tr50	30.44	1.31	2.72		2.74	0.004242	0.18	49.23	205.58	0.06

HEC-RAS Plan: Definitivo Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
ConcaBoira	valle	282.1336	Tr100	35.94	1.31	2.74		2.77	0.004258	0.18	54.64	216.82	0.06
ConcaBoira	valle	282.1336	Tr200	41.48	1.31	2.77		2.80	0.004213	0.18	60.11	223.61	0.06
ConcaBoira	valle	282.1336	Tr500	48.91	1.31	2.80		2.83	0.004306	0.19	66.79	237.71	0.07
ConcaBoira	valle	61.33503	Tr50	30.44	0.68	1.66	1.66	1.73	0.022664	0.32	30.22	186.21	0.14
ConcaBoira	valle	61.33503	Tr100	35.94	0.68	1.68	1.68	1.76	0.021282	0.32	34.55	212.87	0.14
ConcaBoira	valle	61.33503	Tr200	41.48	0.68	1.70	1.70	1.78	0.021121	0.32	38.20	229.26	0.14
ConcaBoira	valle	61.33503	Tr500	48.91	0.68	1.72	1.72	1.80	0.020827	0.33	43.37	253.24	0.14