

Piano Strutturale

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caricato:

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**Comune di
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Provincia di Firenze

Elaborato predisposto da:  **PHYSIS**
INGEGNERIA PER L'AMBIENTE

Elaborato 3.22
"Tabulati delle verifiche idrauliche
Stato di progetto"

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STATO DI PROGETTO

Tabulati verifiche idrauliche $Tr = 30$ anni

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0001__	0.0	32.0	6.16	275.42	2.49	2.49	0.68	275.73	0.32	22.0	1.78	7.3	7.3	8.3	1.08	1.29	1.29	1.57	54.55	1.0	1.0
P_Troghi	FO0002__	42.1	32.6	-5.82	274.52	2.17	3.87	1.02	275.28	0.76	20.2	1.53	5.5	6.6	7.9	0.87	0.84	0.84	1.06	56.39	1.0	1.0
P_Troghi	FO0003_a	100.3	34.1	-1.82	273.78	2.78	1.71	0.59	273.91	0.15	27.6	1.51	14.0	14.0	16.4	1.04	2.11	2.11	1.29	63.92	1.0	1.0
P_Troghi	FO0003_b	101.6	34.1	0.00	272.92	1.92	3.93	1.01	273.70	0.79	20.7	1.57	5.5	5.5	8.2	0.81	0.87	0.87	1.05	93.31	1.0	1.0
P_Troghi	FO0003_c	110.3	34.1	0.00	272.77	1.78	3.93	1.01	273.55	0.79	20.7	1.57	5.5	5.5	8.1	0.80	0.87	0.87	1.07	93.94	1.0	1.0
P_Troghi	FO0003_d	111.5	34.1	-0.04	272.74	1.75	3.68	1.01	273.43	0.69	19.9	1.38	6.7	6.7	8.3	0.76	0.93	0.93	1.11	60.85	1.0	1.0
P_Troghi	FO0004__	313.0	34.7	-1.62	269.09	2.34	1.94	0.58	269.28	0.19	21.9	1.31	13.9	13.9	14.9	0.84	1.82	1.82	1.22	62.64	1.0	1.0
P_Troghi	FO0005Aa	338.2	34.7	0.00	268.89	2.31	2.58	0.82	269.12	0.34	20.5	1.18	13.6	13.6	14.7	0.81	1.60	1.60	1.09	60.32	1.0	1.0
P_Troghi	FO0005_a	339.2	37.4	-0.61	268.62	2.04	3.26	1.01	269.09	0.54	20.6	1.08	13.1	13.1	14.2	0.74	1.23	1.23	0.97	58.09	1.0	1.0
P_Troghi	FO0005_b	339.8	37.4	-0.20	268.64	2.41	2.62	0.82	268.99	0.35	22.6	1.27	13.2	13.2	14.6	0.88	1.43	1.43	1.10	60.54	1.0	1.0
P_Troghi	FO0006__	397.2	31.8	6.70	268.34	3.09	2.75	0.97	268.49	0.38	26.1	1.76	9.8	9.8	11.4	1.20	1.72	1.72	1.51	61.37	1.0	1.0
P_Troghi	FO0007_a	417.4	26.0	7.75	268.30	3.28	2.18	0.60	268.44	0.24	27.8	2.81	5.6	9.3	8.0	1.48	1.58	1.99	1.98	67.12	1.0	1.0
P_Troghi	FO0007_b	418.6	26.0	0.00	267.91	2.94	3.27	0.81	268.34	0.54	21.8	9999.99	4.1	6.7	14.7	1.57	0.90	1.06	0.78	84.27	1.0	1.0
P_Troghi	FO0007_c	422.5	26.0	0.00	267.35	2.38	4.11	1.00	268.01	0.86	18.5	9999.99	4.1	4.7	14.0	1.33	0.67	0.70	0.77	84.27	1.0	1.0
P_Troghi	FO0007_d	423.4	26.1	-0.30	267.54	2.57	2.47	0.63	267.76	0.31	18.5	2.11	5.6	9.3	8.0	1.14	1.18	1.32	1.47	65.51	1.0	1.0
P_Troghi	FO0008__	463.3	36.7	-12.37	266.87	2.22	3.66	1.00	267.47	0.68	22.3	1.36	8.9	8.9	10.0	0.89	1.07	1.07	1.19	62.17	1.0	1.0
P_Troghi	FO0009__	491.5	37.9	-2.67	266.24	2.25	2.90	0.85	266.67	0.43	20.8	1.22	10.7	10.7	11.8	0.73	1.31	1.31	1.11	60.82	1.0	1.0
P_Troghi	FO0010__	587.8	38.5	-3.03	264.83	2.34	3.65	1.01	265.50	0.68	23.6	1.36	7.8	7.8	9.3	0.88	1.06	1.06	1.14	61.32	1.0	1.0
P_Troghi	FO0011Aa	649.4	38.5	0.00	264.00	1.97	2.95	0.83	264.39	0.44	21.8	1.34	10.2	10.2	11.2	0.80	1.36	1.36	1.21	62.48	1.0	1.0
P_Troghi	FO0011_a	650.4	38.6	0.00	263.77	1.74	3.43	1.01	264.36	0.60	21.5	1.19	9.4	9.4	10.4	0.71	1.13	1.13	1.08	60.29	1.0	1.0
P_Troghi	FO0011_b	651.4	38.6	0.00	263.72	2.28	2.63	0.68	264.07	0.35	24.2	1.54	9.5	9.5	11.1	0.94	1.47	1.47	1.32	64.34	1.0	1.0
P_Troghi	FO0012__	726.2	38.6	0.00	262.99	1.85	2.86	0.81	263.41	0.42	21.6	1.28	10.5	10.5	11.5	0.77	1.35	1.35	1.18	61.97	1.0	1.0
P_Troghi	FO0013_a	757.7	38.5	0.00	262.83	1.94	2.33	0.59	263.11	0.28	23.8	1.60	10.3	10.3	12.1	0.89	1.66	1.66	1.37	65.19	1.0	1.0
P_Troghi	FO0013_b	758.7	38.5	0.00	262.81	1.92	2.36	0.60	263.10	0.28	23.6	1.59	10.2	10.2	12.0	0.88	1.63	1.63	1.36	101.60	1.0	1.0
P_Troghi	FO0013_c	760.9	38.5	0.00	262.79	1.90	2.39	0.61	263.09	0.29	23.4	1.58	10.2	10.2	12.0	0.87	1.61	1.61	1.35	101.31	1.0	1.0
P_Troghi	FO0013_d	761.9	38.5	0.00	262.79	1.91	2.37	0.60	263.08	0.29	23.5	1.58	10.3	10.3	12.0	0.87	1.63	1.63	1.35	64.93	1.0	1.0
P_Troghi	FO0014Aa	824.3	38.5	0.00	262.18	1.73	2.78	0.82	262.57	0.39	20.4	1.16	11.9	11.9	13.0	0.69	1.39	1.39	1.07	60.00	1.0	1.0
P_Troghi	FO0014_a	825.3	38.5	0.00	262.02	1.57	3.21	1.01	262.54	0.53	20.1	1.05	11.4	11.4	12.4	0.62	1.20	1.20	0.97	58.09	1.0	1.0
P_Troghi	FO0014_b	826.4	38.5	0.00	261.53	1.64	3.38	1.01	262.11	0.58	21.1	1.16	9.8	9.8	10.7	0.69	1.14	1.14	1.07	59.95	1.0	1.0
P_Troghi	FO0015Aa	829.9	38.5	0.00	261.53	1.94	2.96	0.84	261.94	0.45	22.4	1.37	9.8	9.8	11.0	0.83	1.34	1.34	1.22	62.70	1.0	1.0
P_Troghi	FO0015_a	830.9	38.5	0.00	261.49	1.90	3.43	1.01	261.93	0.60	22.2	1.35	9.7	9.7	10.9	0.82	1.31	1.31	1.20	62.43	1.0	1.0
P_Troghi	FO0015_b	832.0	38.5	0.00	261.68	2.72	1.94	0.60	261.87	0.19	30.9	1.87	10.7	10.7	12.7	1.17	2.00	2.00	1.57	68.22	1.0	1.0
P_Troghi	FO0016_a	844.7	38.5	0.00	261.28	2.44	3.06	0.67	261.75	0.48	26.7	2.20	5.7	5.7	9.6	1.17	1.26	1.26	1.31	64.29	1.0	1.0
P_Troghi	FO0016_b	846.0	38.5	0.00	261.28	2.52	2.95	0.63	261.72	0.44	27.4	2.27	5.8	5.8	9.8	1.21	1.31	1.31	1.34	101.13	1.0	1.0
P_Troghi	FO0016_c	855.5	38.5	0.00	261.08	2.32	3.35	0.83	261.61	0.57	25.9	2.10	5.7	5.7	9.4	1.12	1.19	1.19	1.27	99.43	1.0	1.0
P_Troghi	FO0016_d	856.5	38.5	0.00	261.09	2.33	3.15	0.75	261.57	0.51	26.3	2.21	5.7	5.7	9.8	1.14	1.25	1.25	1.28	63.71	1.0	1.0
P_Troghi	FO0017__	905.3	38.1	0.51	261.01	2.87	2.35	1.00	261.17	0.28	32.3	1.97	10.8	10.8	13.8	1.20	2.13	2.13	1.54	67.83	1.0	1.0
P_Troghi	FO0018_a	913.2	38.1	0.00	260.84	3.79	2.54	0.57	261.12	0.33	32.5	2.36	6.8	8.0	11.2	1.46	1.60	1.76	1.42	65.97	1.0	1.0
P_Troghi	FO0018_b	914.2	38.1	0.00	260.43	3.38	3.47	0.54	261.02	0.61	30.0	12.99	4.8	4.8	12.9	1.53	1.11	1.11	0.97	90.89	1.0	1.0
P_Troghi	FO0018_c	920.1	38.1	0.00	260.32	3.27	3.56	0.60	260.92	0.65	28.9	5.95	4.8	4.8	11.9	1.44	1.09	1.09	0.97	90.89	1.0	1.0
P_Troghi	FO0018_d	921.3	38.1	0.00	260.44	3.39	2.65	0.55	260.76	0.36	29.7	2.58	5.8	5.8	11.5	1.34	1.50	1.50	1.31	64.22	1.0	1.0
P_Troghi	FO0019Aa	953.2	38.1	0.00	260.35	2.61	2.48	0.71	260.58	0.31	28.4	1.97	9.1	9.4	11.7	1.14	1.80	1.81	1.54	67.74	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0019_a	954.2	49.1	-0.24	259.75	2.01	3.88	1.01	260.51	0.77	30.6	1.53	8.3	8.3	10.4	0.88	1.27	1.27	1.22	62.69	1.0	1.0
P_Troghi	FO0019_b	955.3	49.1	-0.03	259.77	2.42	3.18	0.75	260.29	0.52	32.3	1.85	8.4	8.4	11.2	1.06	1.54	1.54	1.38	65.32	1.0	1.0
P_Troghi	FO0020Aa	1128.1	49.0	0.00	257.78	1.89	3.33	0.84	258.34	0.57	29.2	1.61	9.1	9.1	10.5	0.85	1.47	1.47	1.41	61.14	1.0	1.0
P_Troghi	FO0020_a	1129.1	49.0	0.11	257.60	1.71	3.75	1.00	258.31	0.72	28.7	1.43	9.1	9.1	10.5	0.76	1.30	1.30	1.25	60.60	1.0	1.0
P_Troghi	FO0020_b	1129.6	48.9	0.00	256.44	3.70	1.17	0.25	256.51	0.07	74.4	2.45	19.3	19.3	22.7	1.60	4.28	4.28	1.99	73.86	1.0	1.0
P_Troghi	FO0021__	1137.5	48.9	0.00	256.36	2.72	1.69	0.66	256.49	0.14	44.4	1.90	16.0	16.0	18.6	1.21	3.02	3.02	1.62	69.00	1.0	1.0
P_Troghi	FO0022__	1168.3	53.0	-0.29	255.69	2.59	3.42	0.85	256.28	0.59	35.4	1.80	8.9	8.9	11.1	1.09	1.55	1.55	1.43	66.10	1.0	1.0
P_Troghi	FO0023_a	1220.2	52.9	0.00	255.29	3.14	2.89	0.72	255.69	0.43	38.1	1.90	10.3	14.3	12.4	1.22	1.89	1.96	1.54	67.88	1.0	1.0
P_Troghi	FO0023_b	1221.2	52.9	0.00	255.30	3.16	2.88	0.74	255.67	0.42	38.0	1.65	12.5	18.2	14.6	1.20	1.95	2.05	1.36	101.59	1.0	1.0
P_Troghi	FO0023_c	1232.0	52.8	0.00	255.21	3.12	3.15	0.81	255.60	0.51	37.6	1.65	12.2	17.9	14.3	1.19	1.90	1.98	1.36	101.60	1.0	1.0
P_Troghi	FO0023_d	1236.5	52.8	0.02	255.13	3.08	3.24	0.89	255.56	0.53	37.5	1.90	9.7	13.8	11.9	1.20	1.83	1.87	1.55	67.93	1.0	1.0
P_Troghi	FO0024__	1291.0	53.6	0.59	254.96	3.92	2.46	0.68	255.18	0.31	48.1	2.09	12.1	18.7	15.2	1.45	2.53	2.77	1.66	69.50	1.0	1.0
P_Troghi	FO0025_a	1320.1	53.6	0.69	254.96	4.25	3.89	1.00	255.06	0.77	51.0	1.73	23.3	23.3	26.9	1.28	3.52	3.52	1.31	64.08	1.0	1.0
P_Troghi	FO0025_b	1321.1	53.6	0.00	254.77	4.11	4.24	1.00	255.04	0.91	45.3	4.75	18.3	18.3	33.2	1.54	2.30	2.30	1.26	99.13	1.0	1.0
P_Troghi	FO0025_c	1323.3	53.6	0.00	254.44	3.94	4.24	1.00	254.91	0.91	43.3	4.85	19.1	19.1	33.8	1.61	1.77	1.77	1.28	99.57	1.0	1.0
P_Troghi	FO0025_d	1324.4	53.8	-0.40	253.59	3.13	4.13	1.00	254.46	0.87	38.1	1.73	7.5	7.5	10.4	1.19	1.30	1.30	1.25	63.13	1.0	1.0
P_Troghi	FO0026__	1384.3	54.1	-0.59	251.98	2.76	3.71	0.85	252.68	0.70	36.8	1.95	7.5	7.5	9.2	1.12	1.46	1.46	1.58	68.44	1.0	1.0
P_Troghi	FO0027__	1448.7	59.0	0.00	251.23	2.62	3.92	1.00	251.85	0.78	38.1	1.56	13.7	14.7	16.5	1.01	1.69	1.69	1.29	63.93	1.0	1.0
P_Troghi	FO0028_a	1456.5	58.9	0.00	251.25	3.94	2.43	0.54	251.55	0.30	55.6	2.65	9.3	15.1	13.9	1.68	2.46	2.60	1.76	70.91	1.0	1.0
P_Troghi	FO0028_b	1457.5	58.8	0.00	250.54	3.24	4.06	0.69	251.38	0.84	47.9	3.55	4.5	4.5	11.1	1.63	1.45	1.45	1.31	100.36	1.0	1.0
P_Troghi	FO0028_c	1462.2	58.8	0.00	250.26	2.99	4.39	0.80	251.24	0.98	46.4	3.08	4.5	4.5	10.5	1.49	1.34	1.34	1.28	99.60	1.0	1.0
P_Troghi	FO0028_d	1463.2	58.8	0.00	250.37	3.11	3.77	0.77	251.10	0.72	45.3	2.46	6.3	6.3	11.3	1.46	1.56	1.56	1.37	65.27	1.0	1.0
P_Troghi	FO0029__	1471.9	58.8	0.00	250.35	3.15	3.42	0.71	250.94	0.60	45.6	2.40	7.3	7.3	11.9	1.46	1.72	1.72	1.45	66.38	1.0	1.0
P_Troghi	FO0030__	1513.9	58.7	0.00	249.88	2.97	3.36	0.78	250.45	0.58	40.7	1.87	9.3	11.4	11.6	1.18	1.75	1.77	1.51	67.32	1.0	1.0
P_Troghi	FO0031__	1564.3	58.9	0.00	249.62	3.06	2.66	0.78	249.94	0.36	39.2	1.74	13.1	13.1	14.8	1.07	2.28	2.28	1.54	67.82	1.0	1.0
P_Troghi	FO0032_a	1575.4	59.0	0.00	249.51	3.20	3.28	0.90	249.84	0.55	37.6	1.56	14.1	14.1	16.1	1.07	2.16	2.16	1.35	64.85	1.0	1.0
P_Troghi	FO0032_b	1576.5	59.1	0.00	249.51	3.20	3.32	1.00	249.81	0.56	42.9	9999.99	15.9	15.9	29.4	1.31	2.25	2.25	0.99	91.51	1.0	1.0
P_Troghi	FO0032_c	1578.5	59.0	0.00	249.32	3.05	3.30	1.00	249.78	0.56	41.7	9999.99	15.9	15.9	29.4	1.20	1.97	1.97	1.00	91.73	1.0	1.0
P_Troghi	FO0032_d	1579.5	59.0	0.03	249.34	3.07	3.68	1.00	249.71	0.69	41.0	1.78	12.2	16.2	17.9	1.14	2.18	2.18	1.22	60.62	1.0	1.0
P_Troghi	FO0033_a	1606.2	58.6	0.17	248.60	2.62	3.99	1.00	249.41	0.81	38.7	1.62	9.1	9.1	10.0	1.01	1.47	1.47	1.47	55.79	1.0	1.0
P_Troghi	FO0033Ab	1607.2	58.6	0.00	248.34	2.11	2.96	0.86	248.79	0.45	33.4	1.33	14.9	14.9	15.7	0.79	1.98	1.98	1.26	55.70	1.0	1.0
P_Troghi	FO0033_b	1608.2	58.6	0.00	248.18	1.95	3.38	1.00	248.76	0.58	32.5	1.16	14.9	14.9	15.7	0.71	1.73	1.73	1.10	55.56	1.0	1.0
P_Troghi	FO0033_c	1610.8	58.6	0.00	246.59	2.80	1.85	0.47	246.77	0.18	42.4	1.66	19.1	19.1	20.5	0.99	3.16	3.16	1.55	67.88	1.0	1.0
P_Troghi	FO0034__	1641.2	58.4	0.00	246.02	2.65	3.16	1.00	246.52	0.51	33.3	1.10	16.9	16.9	18.1	0.79	1.86	1.86	1.03	59.24	1.0	1.0
P_Troghi	FO0035__	1711.7	73.0	0.00	245.83	3.26	1.68	0.49	245.97	0.14	58.0	1.43	30.4	30.4	31.8	1.05	4.36	4.36	1.37	65.17	1.0	1.0
P_Troghi	FO0036__	1749.1	64.7	8.81	245.37	2.95	2.82	0.76	245.76	0.41	42.5	1.71	13.7	13.7	15.3	1.04	2.34	2.34	1.53	67.66	1.0	1.0
P_Troghi	FO0037__	1796.6	72.8	-8.80	244.62	2.77	3.75	0.95	245.33	0.71	46.3	1.57	12.4	12.4	14.3	0.95	1.94	1.94	1.36	64.99	1.0	1.0
P_Troghi	FO0038__	1853.5	68.9	4.56	243.83	2.53	3.27	0.93	244.38	0.54	41.3	1.26	16.7	16.7	18.6	0.87	2.11	2.11	1.13	61.23	1.0	1.0
P_Troghi	FO0039__	1934.7	64.1	4.94	243.30	2.65	1.90	0.71	243.46	0.18	43.8	1.50	23.6	23.6	24.6	0.90	3.54	3.54	1.44	66.27	1.0	1.0
P_Troghi	FO0040_a	2016.6	68.6	-6.12	242.98	3.38	2.09	0.61	243.20	0.22	52.9	1.93	17.0	17.0	19.5	1.17	3.28	3.28	1.68	69.82	1.0	1.0
P_Troghi	FO0040_b	2017.6	68.6	0.00	242.77	3.17	2.74	0.62	243.15	0.38	49.0	4.59	14.0	14.0	39.0	1.19	2.51	2.51	0.99	91.55	1.0	1.0
P_Troghi	FO0040_c	2019.4	68.6	0.00	242.74	3.15	2.73	0.61	243.12	0.38	49.0	4.61	14.0	14.0	39.0	1.19	2.51	2.51	1.00	91.64	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0040_d	2020.4	69.1	-1.16	242.41	2.82	3.53	0.92	243.03	0.64	45.0	1.54	12.9	12.9	15.3	1.03	1.98	1.98	1.30	64.03	1.0	1.0
P_Troghi	FO0041__	2056.5	72.4	-3.86	241.76	2.56	3.71	1.00	242.46	0.70	45.4	1.62	12.1	15.7	16.8	0.92	1.96	1.96	1.17	56.11	1.0	1.0
P_Troghi	FO0042Aa	2135.9	72.3	0.00	240.66	2.16	2.96	0.84	241.11	0.45	41.2	1.26	19.5	19.5	20.6	0.79	2.45	2.45	1.19	62.17	1.0	1.0
P_Troghi	FO0042_a	2136.9	72.4	-0.19	240.49	1.99	3.41	1.01	241.08	0.59	40.6	1.18	18.0	18.0	19.1	0.73	2.12	2.12	1.11	60.86	1.0	1.0
P_Troghi	FO0042_b	2138.0	72.4	0.00	236.15	2.15	4.48	1.00	237.18	1.02	50.1	2.04	7.9	7.9	11.5	1.06	1.62	1.62	1.41	65.75	1.0	1.0
P_Troghi	FO0043__	2228.9	72.1	-0.14	233.47	2.67	3.79	1.00	234.17	0.73	46.5	1.51	13.0	13.0	14.8	0.99	1.95	1.95	1.32	64.35	1.0	1.0
P_Troghi	FO0044_a	2285.6	75.2	0.00	233.11	2.95	2.84	0.56	233.52	0.41	58.5	2.76	9.6	9.6	14.7	1.39	2.65	2.65	1.80	71.39	1.0	1.0
P_Troghi	FO0044_b	2286.7	75.2	0.00	232.29	2.13	4.50	1.00	233.32	1.03	50.7	2.06	8.9	8.9	12.6	0.97	1.67	1.67	1.33	100.85	1.0	1.0
P_Troghi	FO0044_c	2290.9	75.2	0.00	232.18	2.22	4.45	1.00	233.19	1.01	50.7	2.01	8.9	8.9	12.4	0.98	1.69	1.69	1.36	101.74	1.0	1.0
P_Troghi	FO0044_d	2291.9	75.2	0.00	232.15	2.19	4.05	0.99	232.98	0.84	49.4	1.94	9.6	9.6	12.9	0.99	1.86	1.86	1.44	66.35	1.0	1.0
P_Troghi	FO0045__	2338.1	75.1	0.00	231.33	2.58	3.82	1.00	232.07	0.74	48.2	1.48	13.3	13.3	15.7	0.96	1.97	1.97	1.25	63.29	1.0	1.0
P_Troghi	FO0046__	2376.4	75.0	0.00	230.46	2.67	3.40	0.86	231.05	0.59	48.1	1.66	13.3	13.3	15.8	1.00	2.21	2.21	1.40	65.62	1.0	1.0
P_Troghi	FO0047Aa	2601.1	75.1	0.00	227.46	2.62	3.75	0.86	228.18	0.72	51.9	1.95	10.3	10.3	12.7	1.16	2.00	2.00	1.57	68.27	1.0	1.0
P_Troghi	FO0047_a	2602.1	75.1	0.00	227.24	2.40	4.22	1.00	228.14	0.91	51.3	1.81	9.8	9.8	12.1	1.07	1.78	1.78	1.48	66.73	1.0	1.0
P_Troghi	FO0047_b	2603.1	75.1	0.00	225.81	2.59	4.51	1.00	226.85	1.03	53.2	2.07	8.0	8.0	11.3	1.12	1.67	1.67	1.48	66.83	1.0	1.0
P_Troghi	FO0048_a	2638.6	75.2	0.00	225.63	2.89	3.27	1.00	226.03	0.55	46.5	1.53	17.6	17.6	19.1	0.93	2.70	2.70	1.41	65.59	1.0	1.0
P_Troghi	FO0048_b	2655.6	75.3	0.00	225.63	3.54	2.15	1.00	225.87	0.23	71.1	3.05	11.5	11.5	17.3	1.56	3.51	3.51	2.03	116.05	1.0	1.0
P_Troghi	FO0048_c	2664.2	75.3	0.00	225.57	3.76	2.27	0.43	225.84	0.26	72.2	2.89	11.5	11.5	16.8	1.65	3.32	3.32	1.98	115.12	1.0	1.0
P_Troghi	FO0048_d	2678.4	75.3	0.00	224.79	3.23	3.93	0.82	225.57	0.79	54.7	2.33	8.2	8.2	12.4	1.28	1.92	1.92	1.55	67.87	1.0	1.0
P_Troghi	FO0049_a	2771.2	75.3	0.00	223.35	2.33	4.10	1.00	224.21	0.86	49.3	1.72	10.7	10.7	14.6	0.97	1.84	1.84	1.26	63.40	1.0	1.0
P_Troghi	FO0049_b	2772.2	75.3	0.00	223.27	3.10	3.17	0.53	223.78	0.51	61.7	3.70	7.8	7.8	14.6	1.57	2.38	2.38	1.62	107.84	1.0	1.0
P_Troghi	FO0049_c	2775.9	75.3	0.00	223.25	3.13	3.16	0.53	223.76	0.51	62.0	3.68	7.8	7.8	14.5	1.58	2.39	2.39	1.64	108.20	1.0	1.0
P_Troghi	FO0049_d	2784.5	75.3	0.00	223.21	3.21	3.00	0.93	223.62	0.46	44.5	1.14	24.9	24.9	28.0	0.86	2.67	2.67	0.95	57.72	1.0	1.0
P_Troghi	FO0050_a	2975.4	62.6	13.19	220.77	3.45	2.08	0.60	220.99	0.22	58.9	2.66	11.3	11.3	12.7	1.52	3.00	3.00	2.37	68.87	1.0	1.0
P_Troghi	FO0050_b	2979.1	62.6	0.00	220.67	3.35	2.77	1.00	220.95	0.39	61.9	9999.99	14.2	14.2	29.1	1.77	2.64	2.64	1.15	96.24	1.0	1.0
P_Troghi	FO0050_c	2984.3	62.6	0.00	220.07	3.01	3.52	1.01	220.69	0.63	49.5	1.58	14.3	14.3	28.8	1.52	1.79	1.79	1.15	96.17	1.0	1.0
P_Troghi	FO0050_d	2987.4	64.6	-4.16	219.66	3.05	4.07	1.00	220.45	0.84	44.8	1.69	10.5	10.5	12.6	1.15	1.65	1.65	1.34	64.76	1.0	1.0
P_Troghi	FO0050Ad	3235.3	75.6	-12.31	209.48	3.21	4.16	1.01	210.37	0.88	54.4	1.73	10.5	10.5	12.6	1.23	1.82	1.82	1.44	64.76	1.0	1.0
P_Troghi	FO0050Bd	3483.2	75.1	0.00	199.14	3.21	4.14	1.01	200.01	0.88	54.0	1.73	10.5	10.5	12.6	1.23	1.82	1.82	1.44	64.76	1.0	1.0
P_Troghi	FO0050Cd	3731.1	92.2	0.00	189.06	3.47	4.42	1.01	190.06	0.99	69.8	1.99	10.5	10.5	12.6	1.36	2.09	2.09	1.65	65.07	1.0	1.0
P_Troghi	FO0051Aa	3979.1	92.1	0.00	178.62	3.38	4.43	1.00	179.61	1.00	67.7	2.00	10.4	10.4	13.4	1.26	2.08	2.08	1.56	68.01	1.0	1.0
P_Troghi	FO0051Ba	4227.0	92.9	0.00	168.29	3.39	4.44	1.00	169.29	1.00	68.5	2.00	10.4	10.4	13.4	1.26	2.09	2.09	1.56	68.08	1.0	1.0
P_Troghi	FO0051Ca	4474.9	92.9	0.00	157.94	3.38	4.44	1.00	158.95	1.01	68.5	2.00	10.4	10.4	13.3	1.26	2.09	2.09	1.58	68.32	1.0	1.0
P_Troghi	FO0051_a	4722.8	90.6	6.43	150.61	6.39	2.04	0.53	150.74	0.21	157.7	4.44	13.0	13.0	19.3	2.49	5.75	5.75	2.98	83.43	1.0	1.0
P_Troghi	FO0051_b	4723.8	90.6	0.00	149.43	5.21	4.77	1.00	150.45	1.16	95.2	9999.99	6.3	6.3	17.6	2.84	1.90	1.90	1.29	99.96	1.0	1.0
P_Troghi	FO0051_c	4729.8	90.5	0.00	149.37	5.15	4.41	1.00	150.21	0.99	96.2	9999.99	6.4	6.4	16.9	2.85	2.05	2.05	1.49	104.73	1.0	1.0
P_Troghi	FO0051_d	4730.8	90.6	-0.10	149.53	5.31	3.53	1.00	149.71	0.64	103.1	3.29	13.3	13.3	17.0	1.99	4.39	4.39	2.58	79.57	1.0	1.0
P_Troghi	FO0052_a	4773.4	68.6	29.74	149.60	6.04	1.69	0.52	149.64	0.15	188.9	4.11	17.5	17.5	19.9	2.55	7.19	7.19	3.62	76.54	1.0	1.0
P_Troghi	FO0052_b	4774.4	68.6	0.00	149.61	6.05	5.36	1.39	149.79	1.47	133.5	9999.99	12.7	12.7	28.2	3.72	3.26	3.26	1.16	93.59	1.0	1.0
P_Troghi	FO0052_c	4785.8	68.9	0.00	148.48	4.93	5.40	1.39	149.20	1.49	85.2	9999.99	12.7	12.7	28.2	3.21	1.84	1.84	1.06	93.57	1.0	1.0
P_Troghi	FO0052_d	4786.8	69.4	-4.45	146.09	2.54	4.04	1.01	146.92	0.83	46.0	1.68	10.2	10.2	11.9	1.01	1.72	1.72	1.45	66.40	1.0	1.0
P_Troghi	FO0053Aa	4930.2	67.6	0.00	144.09	2.03	2.58	0.83	144.35	0.34	34.6	1.11	25.6	25.6	26.5	0.67	2.84	2.84	1.07	60.03	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0053_a	4931.2	68.1	-4.03	143.86	1.80	3.00	1.01	144.32	0.46	34.2	0.91	24.9	24.9	25.6	0.59	2.27	2.27	0.89	56.35	1.0	1.0
P_Troghi	FO0053_b	4936.2	80.0	-12.87	142.10	2.90	3.34	0.66	142.67	0.57	61.4	2.76	8.7	8.7	13.7	1.43	2.39	2.39	1.74	70.65	1.0	1.0
P_Troghi	FO0054__	5059.0	107.4	-13.71	141.06	3.10	3.61	0.89	141.68	0.66	73.5	1.74	19.3	19.3	21.1	1.14	3.08	3.08	1.57	68.24	1.0	1.0
P_Troghi	FO0055__	5529.8	104.5	-6.12	137.04	5.06	1.86	0.43	137.22	0.18	144.0	3.85	14.6	14.6	16.9	2.21	5.62	5.62	3.32	78.23	1.0	1.0
P_Troghi	FO0056_a	5548.5	103.6	0.86	137.01	5.34	1.90	0.41	137.19	0.18	144.1	3.98	13.8	14.6	16.6	2.26	5.50	5.63	3.31	78.80	1.0	1.0
P_Troghi	FO0056_b	5549.5	103.6	0.00	136.54	4.95	3.26	0.34	137.08	0.54	118.4	9999.99	8.2	8.2	22.8	2.64	3.18	3.18	1.68	109.06	1.0	1.0
P_Troghi	FO0056_c	5556.1	103.6	0.00	136.48	4.72	3.29	0.36	137.03	0.55	115.4	4981.12	8.2	8.2	22.3	2.56	3.15	3.15	1.72	109.85	1.0	1.0
P_Troghi	FO0056_d	5560.3	102.6	2.01	136.68	4.92	1.57	0.34	136.80	0.12	146.3	3.53	18.6	18.6	22.3	1.98	6.57	6.57	2.94	84.13	1.0	1.0
P_Troghi	FO0057Aa	5583.0	102.5	0.00	135.38	3.61	4.83	0.86	136.56	1.19	85.4	3.24	6.6	13.1	10.1	1.65	2.13	2.73	2.11	75.30	1.0	1.0
P_Troghi	FO0057_a	5584.0	102.5	0.00	135.05	3.29	5.36	1.01	136.51	1.46	84.5	2.91	6.6	12.8	10.1	1.49	1.91	2.31	1.90	72.69	1.0	1.0
P_Troghi	FO0057_b	5584.6	102.5	0.00	133.80	2.82	5.11	1.01	135.13	1.33	81.1	2.65	7.6	7.6	12.4	1.38	2.01	2.01	1.61	68.84	1.0	1.0
P_Troghi	FO0057Ac	5586.7	102.5	0.00	133.89	2.99	4.22	0.86	134.80	0.91	77.7	2.50	9.7	9.9	13.8	1.39	2.43	2.43	1.76	70.85	1.0	1.0
P_Troghi	FO0057_c	5587.7	102.5	0.00	133.61	2.71	4.74	1.01	134.76	1.15	76.8	2.29	9.5	9.5	13.2	1.26	2.16	2.16	1.64	69.27	1.0	1.0
P_Troghi	FO0057_d	5588.5	102.5	0.00	132.64	3.05	4.71	0.92	133.77	1.13	80.9	2.68	8.1	12.6	12.8	1.46	2.18	2.34	1.70	70.10	1.0	1.0
P_Troghi	FO0058__	5747.5	99.8	7.32	131.02	3.40	2.28	0.64	131.28	0.26	70.0	1.46	30.1	30.1	31.4	1.07	4.40	4.40	1.40	65.70	1.0	1.0
P_Troghi	FO0059__	6012.9	104.5	-9.00	128.90	3.20	4.00	0.95	129.71	0.82	73.9	1.82	14.4	14.4	16.4	1.20	2.61	2.61	1.60	68.65	1.0	1.0
P_Troghi	FO0060_a	6139.4	104.8	0.00	128.05	3.33	2.37	0.56	128.34	0.29	76.6	1.85	23.9	23.9	25.9	1.16	4.43	4.43	1.71	70.13	1.0	1.0
P_Troghi	FO0060_b	6143.6	104.8	0.00	128.03	3.30	2.38	0.61	128.32	0.29	75.7	1.81	28.2	28.2	34.7	1.14	4.41	4.41	1.43	103.35	1.0	1.0
P_Troghi	FO0060_c	6155.1	104.8	0.00	127.50	3.02	3.39	1.00	128.09	0.58	64.5	1.41	22.0	22.0	28.0	0.92	3.09	3.09	1.10	94.79	1.0	1.0
P_Troghi	FO0060_d	6156.2	104.8	0.00	127.51	3.07	3.25	0.86	128.05	0.54	65.4	1.45	22.2	22.2	24.4	0.95	3.22	3.22	1.32	64.44	1.0	1.0
P_Troghi	FO0061__	6265.2	104.0	1.02	126.38	2.62	2.85	0.79	126.80	0.41	64.5	1.34	27.4	27.4	28.2	0.94	3.66	3.66	1.30	64.03	1.0	1.0
P_Troghi	FO0061A	6266.2	104.0	0.00	126.35	2.58	2.92	0.82	126.78	0.44	64.1	1.30	27.3	27.3	28.1	0.93	3.56	3.56	1.27	63.54	1.0	1.0
P_Troghi	FO0062__	6687.0	104.1	0.00	122.30	3.66	2.74	0.64	122.67	0.38	75.3	1.88	20.3	20.3	22.6	1.22	3.81	3.81	1.69	69.85	1.0	1.0
P_Troghi	FO0063__	6787.0	102.8	7.61	121.28	3.07	3.48	0.90	121.89	0.62	63.9	1.55	19.1	50.1	21.1	0.93	2.96	3.58	1.40	65.55	1.0	1.0
P_Troghi	FO0064__	7068.4	104.5	0.00	117.77	2.90	3.08	0.77	118.25	0.48	66.6	1.63	20.8	20.8	22.9	1.00	3.39	3.39	1.48	66.89	1.0	1.0
P_Troghi	FO0065__	7312.4	104.9	0.00	115.72	2.99	2.72	0.66	116.10	0.38	77.0	2.33	16.6	20.8	18.7	1.24	3.86	3.98	2.07	74.78	1.0	1.0
P_Troghi	FO0065__	7313.4	104.9	0.00	115.74	3.01	2.61	0.68	116.09	0.35	76.8	1.92	21.0	21.0	23.1	1.22	4.02	4.02	1.74	70.61	1.0	1.0
P_Troghi	FO0066__	7519.7	104.9	0.00	114.45	3.94	3.12	0.69	114.95	0.50	80.7	2.07	16.2	16.2	18.5	1.41	3.36	3.36	1.82	71.66	1.0	1.0
P_Troghi	FO0067__	7735.2	104.7	0.00	113.67	4.21	1.99	0.49	113.86	0.20	100.2	2.48	21.3	38.7	22.9	1.50	5.30	6.46	2.32	77.69	1.0	1.0
P_Troghi	FO0068__	7864.2	97.7	7.10	113.35	4.09	2.03	0.43	113.55	0.21	105.1	2.87	17.2	20.1	22.2	1.73	4.96	4.96	2.23	75.01	1.0	1.0
P_Troghi	SE0001_A	7900.2	97.7	0.00	112.75	3.06	3.44	0.69	113.33	0.60	77.5	3.01	9.6	9.6	15.4	1.52	2.89	2.89	1.87	72.37	1.0	1.0
P_Troghi	SE0001_B	7901.2	97.7	0.00	112.70	3.02	3.52	0.66	113.32	0.63	77.9	3.45	9.7	9.7	16.1	1.55	2.81	2.81	1.75	110.58	1.0	1.0
P_Troghi	SE0001_C	7911.7	97.7	0.00	111.82	2.17	4.72	1.01	112.95	1.13	69.6	2.26	9.7	9.7	14.1	1.09	2.08	2.08	1.47	104.38	1.0	1.0
P_Troghi	SE0001_D	7912.7	97.7	0.00	111.25	3.21	3.48	0.66	111.77	0.62	78.6	3.14	9.4	9.4	15.5	1.59	2.96	2.96	1.91	72.84	1.0	1.0
P_Troghi	SE0002__	7926.8	99.3	-2.56	111.14	3.15	3.78	0.94	111.64	0.73	77.3	3.03	9.7	9.7	15.1	1.55	2.93	2.93	1.94	72.88	1.0	1.0
P_Troghi	SE0003_A	7935.5	101.2	-1.81	111.14	3.38	3.48	0.67	111.55	0.62	81.9	3.03	10.6	10.6	15.9	1.65	3.20	3.20	2.01	74.04	1.0	1.0
P_Troghi	SE0003_B	7936.5	101.2	0.00	111.14	3.38	3.68	0.65	111.52	0.69	80.9	4.19	9.5	9.5	17.2	1.72	3.04	3.04	1.77	110.88	1.0	1.0
P_Troghi	SE0003_C	7946.4	101.1	0.00	111.14	3.38	4.09	0.82	111.45	0.85	78.2	4.19	9.5	9.5	17.2	1.72	3.04	3.04	1.77	110.88	1.0	1.0
P_Troghi	SE0003_D	7947.4	101.1	0.00	111.14	3.38	4.58	1.01	111.43	1.07	77.6	3.03	10.6	10.6	15.9	1.65	3.20	3.20	2.01	74.07	1.0	1.0
P_Troghi	SE0004_A	7948.8	101.1	0.00	111.14	3.56	4.04	1.00	111.41	0.83	81.8	3.16	10.7	10.7	16.3	1.73	3.39	3.39	2.08	74.89	1.0	1.0
P_Troghi	SE0004_D	7949.1	101.2	-0.19	111.14	4.15	2.94	0.53	111.38	0.44	99.6	3.66	10.7	10.7	17.5	2.02	3.93	3.93	2.24	76.84	1.0	1.0
P_Troghi	SE0005__	8021.3	100.9	0.00	111.14	5.04	3.40	0.79	111.18	0.59	103.0	2.83	17.7	17.7	20.9	1.89	4.92	4.92	2.37	78.24	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	SE0006__	8048.3	100.8	1.48	111.14	5.15	2.90	0.67	111.15	0.43	121.6	3.01	19.8	19.8	23.0	1.94	5.97	5.97	2.59	80.63	1.0	1.0
P_Troghi	SE0007__	8148.4	100.5	0.00	111.15	5.94	1.19	0.25	111.15	0.07	272.8	3.39	39.7	44.0	47.8	2.17	12.60	12.60	3.03	84.96	1.0	1.0
P_Troghi	SE0008__	8205.0	100.3	0.00	111.15	6.49	1.05	0.21	111.15	0.06	314.4	3.92	33.7	36.9	41.5	2.38	13.23	13.23	3.44	88.60	1.0	1.0
P_Troghi	SE0009__	8304.1	100.0	0.00	111.15	5.44	1.87	0.46	111.15	0.18	203.9	3.44	28.9	28.9	32.3	2.04	9.96	9.96	3.08	85.40	1.0	1.0
P_Troghi	SE0010__	8357.8	100.2	0.42	111.15	7.16	0.69	0.13	111.15	0.02	519.4	4.69	42.0	42.0	45.6	2.63	19.72	19.72	4.32	95.64	1.0	1.0

Cassa	H [m]	V [m ³]	s [m ³ /s]
MONDO	0.00	0.00	0.00
bidi_troghi_1	0.52	47142.63	27.41

Portella	s [m ³ /s]
Par_01	3.80

STATO DI PROGETTO

Tabulati verifiche idrauliche $Tr = 100$ anni

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0001__	0.0	42.2	10.95	275.75	2.82	2.74	0.69	276.14	0.38	30.9	2.11	7.3	7.3	8.3	1.24	1.54	1.54	1.86	55.61	1.0	1.0
P_Troghi	FO0002__	42.1	42.4	-9.24	274.76	2.41	4.22	1.01	275.67	0.91	28.2	1.82	5.5	6.6	7.9	0.99	1.00	1.00	1.26	56.38	1.0	1.0
P_Troghi	FO0003_a	100.3	44.2	-3.17	274.28	3.28	1.71	0.59	274.40	0.15	41.3	2.00	14.1	14.1	16.9	1.22	2.82	2.82	1.67	69.65	1.0	1.0
P_Troghi	FO0003_b	101.6	44.2	0.00	273.20	2.20	4.31	1.01	274.15	0.95	29.1	1.92	5.5	5.5	8.9	0.95	1.03	1.03	1.15	96.23	1.0	1.0
P_Troghi	FO0003_c	110.3	44.2	0.00	273.06	2.07	4.28	1.01	273.99	0.93	29.1	1.86	5.5	5.5	8.7	0.95	1.03	1.03	1.19	97.21	1.0	1.0
P_Troghi	FO0003_d	111.5	44.2	-0.10	273.02	2.03	3.96	1.01	273.82	0.80	27.8	1.60	7.0	7.0	9.0	0.89	1.12	1.12	1.25	63.20	1.0	1.0
P_Troghi	FO0004__	313.0	47.3	-3.50	269.37	2.62	2.19	0.58	269.59	0.24	30.7	1.54	14.3	14.3	15.4	0.94	2.20	2.20	1.43	66.09	1.0	1.0
P_Troghi	FO0005Aa	338.2	47.3	0.00	269.16	2.58	2.62	0.82	269.44	0.35	28.9	1.41	14.0	14.0	15.2	0.90	1.97	1.97	1.30	64.02	1.0	1.0
P_Troghi	FO0005_a	339.2	50.8	-1.09	268.84	2.26	3.33	1.01	269.40	0.57	29.4	1.13	13.5	13.5	14.6	0.80	1.52	1.52	1.04	59.46	1.0	1.0
P_Troghi	FO0005_b	339.8	51.0	-0.38	268.92	2.69	2.82	0.82	269.33	0.41	31.8	1.33	13.6	13.6	15.1	0.95	1.81	1.81	1.19	62.24	1.0	1.0
P_Troghi	FO0006__	397.2	40.5	11.35	268.74	3.49	2.70	0.97	268.89	0.37	36.2	2.16	9.8	9.8	11.4	1.40	2.11	2.11	1.85	62.55	1.0	1.0
P_Troghi	FO0007_a	417.4	30.5	11.81	268.70	3.68	2.18	0.61	268.85	0.24	35.7	3.22	5.6	9.3	8.0	1.69	1.81	2.37	2.27	68.17	1.0	1.0
P_Troghi	FO0007_b	418.6	30.5	0.00	268.34	3.37	3.20	0.79	268.76	0.52	28.0	9999.99	4.1	6.7	14.7	1.79	1.07	1.35	0.78	84.27	1.0	1.0
P_Troghi	FO0007_c	422.5	30.5	0.00	267.65	2.68	4.35	1.00	268.39	0.96	23.0	9999.99	4.1	6.7	14.7	1.44	0.79	0.89	0.77	84.27	1.0	1.0
P_Troghi	FO0007_d	423.4	30.7	-0.41	267.85	2.88	2.54	0.63	268.08	0.33	23.9	2.41	5.6	9.3	8.0	1.29	1.35	1.60	1.68	66.29	1.0	1.0
P_Troghi	FO0008__	463.3	48.3	-19.15	267.17	2.52	3.66	1.01	267.79	0.68	30.9	1.36	11.0	11.0	12.1	0.99	1.38	1.38	1.18	62.12	1.0	1.0
P_Troghi	FO0009__	491.5	51.0	-3.12	266.54	2.55	3.10	0.86	267.03	0.49	30.3	1.47	11.2	11.2	12.3	0.86	1.64	1.64	1.33	64.62	1.0	1.0
P_Troghi	FO0010__	587.8	53.3	-7.29	265.28	2.79	3.85	1.01	265.94	0.75	34.6	1.49	11.1	11.1	12.8	1.01	1.47	1.47	1.24	63.10	1.0	1.0
P_Troghi	FO0011Aa	649.4	52.9	0.00	264.40	2.37	3.18	0.85	264.84	0.52	33.0	1.45	13.4	13.4	14.7	0.95	1.81	1.81	1.30	64.17	1.0	1.0
P_Troghi	FO0011_a	650.4	54.0	0.00	264.10	2.07	3.71	1.01	264.80	0.70	32.7	1.39	10.4	10.4	11.6	0.84	1.46	1.46	1.26	63.34	1.0	1.0
P_Troghi	FO0011_b	651.4	54.0	0.00	264.09	2.64	2.95	0.71	264.53	0.44	36.1	1.75	10.5	10.5	12.4	1.09	1.83	1.83	1.48	66.96	1.0	1.0
P_Troghi	FO0012__	726.2	53.7	0.00	263.42	2.28	3.04	0.82	263.85	0.47	32.9	1.54	11.9	11.9	13.1	0.94	1.83	1.83	1.40	65.67	1.0	1.0
P_Troghi	FO0013_a	757.7	53.5	0.00	263.28	2.39	2.61	0.62	263.60	0.35	36.6	1.93	11.1	16.0	13.2	1.09	2.14	2.14	1.61	68.86	1.0	1.0
P_Troghi	FO0013_b	758.7	53.5	0.00	263.26	2.37	2.65	0.63	263.58	0.36	36.3	1.92	10.9	10.9	13.2	1.08	2.10	2.10	1.60	107.26	1.0	1.0
P_Troghi	FO0013_c	760.9	53.5	0.00	263.24	2.35	2.69	0.64	263.57	0.37	36.0	1.91	10.9	10.9	13.1	1.07	2.08	2.08	1.59	107.02	1.0	1.0
P_Troghi	FO0013_d	761.9	53.5	0.00	263.24	2.36	2.66	0.64	263.56	0.36	36.2	1.87	11.3	15.2	17.3	1.07	2.10	2.10	1.52	67.53	1.0	1.0
P_Troghi	FO0014Aa	824.3	53.6	0.00	262.61	2.16	3.26	0.93	263.00	0.54	31.8	1.45	13.3	13.3	14.6	0.86	1.93	1.93	1.32	64.38	1.0	1.0
P_Troghi	FO0014_a	825.3	53.7	0.00	262.62	2.17	3.48	1.01	263.01	0.62	31.9	1.46	13.3	13.3	14.6	0.87	1.94	1.94	1.32	64.47	1.0	1.0
P_Troghi	FO0014_b	826.4	53.7	0.00	262.58	2.69	3.51	1.01	262.84	0.63	38.4	1.78	13.2	13.2	14.7	1.10	2.35	2.35	1.60	68.66	1.0	1.0
P_Troghi	FO0015Aa	829.9	53.8	0.00	262.62	3.03	2.98	0.84	262.84	0.45	43.8	1.96	13.3	13.3	15.2	1.24	2.61	2.61	1.72	70.37	1.0	1.0
P_Troghi	FO0015_a	830.9	53.8	0.00	262.62	3.03	3.43	1.01	262.83	0.60	43.7	1.96	13.3	13.3	15.2	1.24	2.61	2.61	1.72	70.33	1.0	1.0
P_Troghi	FO0015_b	832.0	53.9	0.00	262.68	3.72	1.95	0.60	262.82	0.19	58.4	2.36	13.6	13.6	16.3	1.53	3.21	3.21	1.98	73.66	1.0	1.0
P_Troghi	FO0016_a	844.7	54.1	0.00	262.28	3.44	3.29	0.67	262.71	0.55	46.5	2.99	6.2	6.2	11.7	1.63	1.86	1.86	1.59	68.60	1.0	1.0
P_Troghi	FO0016_b	846.0	54.2	0.00	262.26	3.50	3.19	0.64	262.70	0.52	47.7	9999.99	6.2	6.2	17.8	1.71	1.84	1.84	1.58	106.75	1.0	1.0
P_Troghi	FO0016_c	855.5	54.3	0.00	262.13	3.37	3.48	0.85	262.58	0.62	45.6	2.94	6.2	6.2	11.5	1.60	1.82	1.82	1.58	106.79	1.0	1.0
P_Troghi	FO0016_d	856.5	54.3	0.00	262.17	3.41	3.33	0.77	262.59	0.56	47.1	3.16	5.9	5.9	12.0	1.66	1.88	1.88	1.57	68.17	1.0	1.0
P_Troghi	FO0017__	905.3	51.4	4.28	262.23	4.09	2.39	1.00	262.34	0.29	67.1	3.18	10.8	10.8	15.0	1.72	3.44	3.44	2.29	77.42	1.0	1.0
P_Troghi	FO0018_a	913.2	51.4	0.00	262.08	5.03	2.60	0.57	262.31	0.34	59.4	3.61	6.8	8.0	11.2	1.98	2.44	2.75	2.17	75.98	1.0	1.0
P_Troghi	FO0018_b	914.2	51.4	0.00	261.07	4.02	4.64	0.57	262.17	1.10	48.3	9999.99	4.8	4.8	13.7	2.17	1.11	1.11	0.97	90.89	1.0	1.0
P_Troghi	FO0018_c	920.1	51.4	0.00	260.78	3.73	4.71	0.69	261.84	1.13	44.7	9999.99	4.8	4.8	13.7	1.87	1.11	1.11	0.97	90.89	1.0	1.0
P_Troghi	FO0018_d	921.3	51.4	0.00	260.85	3.80	3.11	0.60	261.30	0.49	42.3	2.98	5.8	5.8	12.3	1.54	1.74	1.74	1.42	65.91	1.0	1.0
P_Troghi	FO0019Aa	953.2	51.6	0.00	260.79	3.05	2.69	0.73	261.07	0.37	41.7	2.35	9.4	9.7	12.0	1.34	2.20	2.23	1.84	69.92	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0019_a	954.2	65.9	-1.46	260.10	2.36	4.20	1.01	261.00	0.90	44.4	1.78	8.8	9.1	11.3	1.03	1.57	1.57	1.39	65.55	1.0	1.0
P_Troghi	FO0019_b	955.3	66.2	-1.05	260.18	2.83	3.48	0.76	260.80	0.62	47.0	2.13	8.9	9.2	12.1	1.24	1.90	1.91	1.57	68.19	1.0	1.0
P_Troghi	FO0020Aa	1128.1	65.8	0.00	258.14	2.25	3.69	0.85	258.81	0.69	43.0	1.97	9.1	9.1	10.5	1.03	1.80	1.80	1.72	62.21	1.0	1.0
P_Troghi	FO0020_a	1129.1	65.8	-0.64	257.90	2.01	4.15	1.00	258.78	0.88	42.3	1.74	9.1	9.1	10.5	0.92	1.59	1.59	1.51	61.52	1.0	1.0
P_Troghi	FO0020_b	1129.6	65.8	0.00	256.90	4.16	1.27	0.26	256.98	0.08	99.1	2.58	20.1	20.1	23.7	1.75	5.19	5.19	2.19	75.85	1.0	1.0
P_Troghi	FO0021__	1137.5	65.6	0.81	256.81	3.17	1.74	0.66	256.96	0.16	63.3	2.03	18.9	18.9	21.8	1.35	3.83	3.83	1.76	70.86	1.0	1.0
P_Troghi	FO0022__	1168.3	70.1	-1.44	256.20	3.10	3.46	0.86	256.75	0.61	49.6	1.80	14.6	16.0	18.4	1.23	2.15	2.15	1.43	66.12	1.0	1.0
P_Troghi	FO0023_a	1220.2	70.0	0.00	255.65	3.50	3.06	0.72	256.12	0.48	52.3	1.90	12.3	24.3	14.5	1.33	2.30	2.60	1.59	68.42	1.0	1.0
P_Troghi	FO0023_b	1221.2	70.0	0.00	255.67	3.53	2.90	0.75	256.09	0.43	52.0	1.76	13.9	25.2	16.1	1.29	2.45	2.83	1.52	105.45	1.0	1.0
P_Troghi	FO0023_c	1232.0	70.0	0.00	255.59	3.50	3.15	0.81	256.02	0.51	51.6	1.73	13.9	25.2	16.1	1.28	2.41	2.76	1.50	104.88	1.0	1.0
P_Troghi	FO0023_d	1236.5	69.5	0.55	255.40	3.35	3.30	0.90	255.95	0.56	50.4	1.90	12.0	16.0	14.1	1.28	2.11	2.27	1.55	67.93	1.0	1.0
P_Troghi	FO0024__	1291.0	70.0	-1.19	255.16	4.12	2.53	0.68	255.48	0.33	60.1	2.29	12.1	18.7	15.2	1.52	2.77	3.14	1.82	71.58	1.0	1.0
P_Troghi	FO0025_a	1320.1	68.9	1.81	255.18	4.47	3.91	1.00	255.33	0.78	63.9	1.74	23.3	23.3	27.1	1.29	4.03	4.03	1.48	66.91	1.0	1.0
P_Troghi	FO0025_b	1321.1	68.9	0.00	254.80	4.14	4.16	1.00	255.21	0.88	53.5	4.75	18.3	18.3	33.2	1.57	2.36	2.36	1.26	99.16	1.0	1.0
P_Troghi	FO0025_c	1323.3	68.9	0.00	254.63	4.12	4.16	1.00	255.15	0.88	53.5	4.86	20.6	20.6	35.5	1.61	2.15	2.15	1.28	99.57	1.0	1.0
P_Troghi	FO0025_d	1324.4	69.6	-1.00	254.19	3.73	4.19	1.01	254.89	0.90	51.0	1.79	13.4	16.3	19.5	1.32	1.88	1.88	1.30	64.00	1.0	1.0
P_Troghi	FO0026__	1384.3	71.3	-2.03	252.20	2.98	4.40	0.96	253.18	0.98	51.6	2.12	7.6	7.6	9.5	1.21	1.62	1.62	1.71	70.22	1.0	1.0
P_Troghi	FO0027__	1448.7	75.0	-0.04	252.13	3.52	3.92	1.01	252.44	0.78	57.0	1.95	15.7	15.7	17.9	1.25	3.05	3.05	1.71	70.18	1.0	1.0
P_Troghi	FO0028_a	1456.5	74.9	0.00	252.12	4.81	2.45	0.54	252.38	0.31	83.4	3.26	10.1	16.0	15.2	2.01	3.30	3.95	2.18	76.07	1.0	1.0
P_Troghi	FO0028_b	1457.5	74.9	0.00	251.10	3.80	5.23	0.99	252.14	1.39	66.8	5.23	4.5	4.5	12.5	1.95	1.66	1.66	1.33	100.84	1.0	1.0
P_Troghi	FO0028_c	1462.2	74.8	0.00	250.43	3.16	5.29	0.92	251.86	1.43	62.8	3.37	4.5	4.5	10.9	1.58	1.41	1.41	1.30	100.18	1.0	1.0
P_Troghi	FO0028_d	1463.2	74.8	0.00	250.65	3.39	4.29	0.85	251.59	0.94	60.1	2.63	6.6	8.4	11.9	1.57	1.74	1.76	1.46	66.68	1.0	1.0
P_Troghi	FO0029__	1471.9	74.8	0.00	250.67	3.47	3.79	0.78	251.41	0.73	60.0	2.40	8.2	8.2	12.9	1.57	1.97	1.97	1.53	67.62	1.0	1.0
P_Troghi	FO0030__	1513.9	74.8	-0.04	250.12	3.21	3.80	0.85	250.85	0.73	54.0	2.07	9.6	11.7	11.9	1.27	1.98	2.05	1.66	69.48	1.0	1.0
P_Troghi	FO0031__	1564.3	74.9	0.00	249.89	3.33	2.85	0.77	250.30	0.41	52.6	1.95	13.5	13.5	15.3	1.17	2.64	2.64	1.73	70.42	1.0	1.0
P_Troghi	FO0032_a	1575.4	75.2	0.00	249.77	3.46	3.39	0.92	250.20	0.59	51.5	1.56	16.3	16.3	18.4	1.16	2.55	2.55	1.39	64.85	1.0	1.0
P_Troghi	FO0032_b	1576.5	75.2	0.00	249.77	3.46	3.39	1.00	250.17	0.58	59.0	9999.99	15.9	15.9	29.4	1.43	2.66	2.66	0.99	91.51	1.0	1.0
P_Troghi	FO0032_c	1578.5	75.3	0.00	249.72	3.45	3.30	1.00	250.15	0.56	58.4	9999.99	15.9	15.9	29.4	1.39	2.60	2.60	1.00	91.72	1.0	1.0
P_Troghi	FO0032_d	1579.5	75.2	0.08	249.74	3.47	3.69	1.00	250.10	0.69	58.1	2.30	12.3	16.2	17.9	1.33	2.83	2.83	1.58	60.65	1.0	1.0
P_Troghi	FO0033_a	1606.2	73.5	1.73	248.86	2.88	4.30	1.00	249.80	0.94	51.8	1.88	9.1	9.1	10.0	1.14	1.71	1.71	1.71	56.62	1.0	1.0
P_Troghi	FO0033Ab	1607.2	73.5	0.00	248.55	2.32	3.21	0.86	249.08	0.52	44.6	1.54	14.9	14.9	15.7	0.89	2.29	2.29	1.46	56.37	1.0	1.0
P_Troghi	FO0033_b	1608.2	73.5	0.00	248.37	2.14	3.65	1.00	249.05	0.68	43.5	1.35	14.9	14.9	15.7	0.80	2.02	2.02	1.28	55.78	1.0	1.0
P_Troghi	FO0033_c	1610.8	73.5	0.00	246.82	3.03	2.03	0.48	247.03	0.21	54.5	1.83	19.8	19.8	21.3	1.09	3.62	3.62	1.70	70.01	1.0	1.0
P_Troghi	FO0034__	1641.2	74.2	-2.11	246.30	2.93	3.25	1.00	246.81	0.54	44.4	1.31	17.9	17.9	19.2	0.87	2.34	2.34	1.22	62.71	1.0	1.0
P_Troghi	FO0035__	1711.7	95.9	0.00	246.20	3.63	1.75	0.49	246.35	0.16	80.5	1.66	33.2	33.2	34.8	1.15	5.53	5.53	1.59	68.49	1.0	1.0
P_Troghi	FO0036__	1749.1	79.8	17.03	245.78	3.36	2.97	0.76	246.16	0.45	57.2	2.05	14.2	14.2	15.9	1.20	2.91	2.91	1.83	71.77	1.0	1.0
P_Troghi	FO0037__	1796.6	94.9	-16.25	244.87	3.02	4.22	1.00	245.77	0.91	64.5	1.80	12.5	12.5	14.6	1.05	2.25	2.25	1.54	67.80	1.0	1.0
P_Troghi	FO0038__	1853.5	89.8	6.38	244.04	2.74	3.66	0.98	244.72	0.68	56.6	1.44	17.1	17.1	19.0	0.94	2.45	2.45	1.29	63.94	1.0	1.0
P_Troghi	FO0039__	1934.7	83.7	7.11	243.67	3.02	1.91	0.71	243.85	0.19	63.0	1.85	24.0	24.0	25.1	1.06	4.44	4.44	1.77	70.96	1.0	1.0
P_Troghi	FO0040_a	2016.6	86.4	-6.78	243.38	3.78	2.23	0.61	243.62	0.25	72.0	2.29	17.3	17.3	19.9	1.34	3.96	3.96	1.99	73.05	1.0	1.0
P_Troghi	FO0040_b	2017.6	86.4	0.00	243.01	3.41	3.25	0.62	243.53	0.54	64.2	4.53	14.0	14.0	41.0	1.35	2.68	2.68	0.99	91.56	1.0	1.0
P_Troghi	FO0040_c	2019.4	86.4	0.00	242.90	3.31	3.31	0.61	243.45	0.56	63.0	4.57	14.0	14.0	40.3	1.30	2.61	2.61	1.00	91.64	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0040_d	2020.4	87.0	-1.69	242.80	3.21	3.78	0.93	243.42	0.73	59.9	1.84	13.6	13.6	16.1	1.16	2.49	2.49	1.54	67.86	1.0	1.0
P_Troghi	FO0041__	2056.5	96.1	-9.20	241.94	2.74	4.29	1.00	242.88	0.94	64.7	1.86	12.1	15.7	16.8	1.01	2.24	2.24	1.34	56.16	1.0	1.0
P_Troghi	FO0042Aa	2135.9	95.7	0.00	240.99	2.49	3.04	0.87	241.46	0.47	58.1	1.34	23.5	23.5	24.7	0.90	3.15	3.15	1.27	63.65	1.0	1.0
P_Troghi	FO0042_a	2136.9	95.8	0.44	240.78	2.28	3.55	1.01	241.43	0.64	57.3	1.28	21.1	21.1	22.4	0.84	2.70	2.70	1.21	62.50	1.0	1.0
P_Troghi	FO0042_b	2138.0	95.8	-0.20	236.58	2.58	4.90	1.01	237.80	1.22	72.5	2.42	8.1	8.1	12.3	1.26	1.96	1.96	1.58	68.42	1.0	1.0
P_Troghi	FO0043__	2228.9	95.5	-0.68	234.15	3.35	3.80	1.01	234.69	0.73	67.5	1.89	15.5	15.5	17.8	1.22	2.93	2.93	1.65	69.27	1.0	1.0
P_Troghi	FO0044_a	2285.6	99.5	0.00	233.80	3.64	3.00	0.56	234.26	0.46	87.9	3.45	9.6	9.6	16.1	1.73	3.31	3.31	2.06	74.64	1.0	1.0
P_Troghi	FO0044_b	2286.7	99.5	0.00	232.62	2.46	5.19	1.01	233.99	1.37	74.7	2.72	8.9	8.9	13.8	1.15	1.92	1.92	1.39	102.42	1.0	1.0
P_Troghi	FO0044_c	2290.9	99.5	0.00	232.51	2.55	5.11	1.01	233.84	1.33	74.4	2.63	8.9	8.9	13.6	1.16	1.95	1.95	1.44	103.52	1.0	1.0
P_Troghi	FO0044_d	2291.9	99.5	0.00	232.45	2.49	4.63	0.99	233.54	1.09	71.5	2.24	9.6	9.6	13.5	1.14	2.15	2.15	1.60	68.60	1.0	1.0
P_Troghi	FO0045__	2338.1	99.5	0.00	231.65	2.90	4.13	1.01	232.52	0.87	67.9	1.72	14.0	14.0	16.7	1.08	2.41	2.41	1.44	66.35	1.0	1.0
P_Troghi	FO0046__	2376.4	99.4	0.00	230.81	3.02	3.72	0.86	231.52	0.70	68.3	1.96	13.6	13.6	16.6	1.14	2.67	2.67	1.61	68.85	1.0	1.0
P_Troghi	FO0047Aa	2601.1	99.1	0.00	227.89	3.05	4.04	0.87	228.71	0.83	73.4	2.21	11.1	11.1	14.0	1.33	2.47	2.47	1.76	70.87	1.0	1.0
P_Troghi	FO0047_a	2602.1	99.1	0.00	227.64	2.80	4.52	1.01	228.68	1.04	72.7	2.06	10.6	10.6	13.3	1.23	2.19	2.19	1.65	69.35	1.0	1.0
P_Troghi	FO0047_b	2603.1	99.1	0.00	226.26	3.04	4.89	1.01	227.47	1.22	76.2	2.41	8.4	8.4	12.2	1.32	2.03	2.03	1.66	69.44	1.0	1.0
P_Troghi	FO0048_a	2638.6	99.1	0.00	226.18	3.44	3.26	1.00	226.54	0.54	69.2	1.97	18.8	18.8	20.8	1.15	3.70	3.70	1.78	71.00	1.0	1.0
P_Troghi	FO0048_b	2655.6	99.1	0.00	226.14	4.05	2.43	1.00	226.44	0.30	98.1	3.56	11.5	11.5	18.3	1.81	4.09	4.09	2.23	119.88	1.0	1.0
P_Troghi	FO0048_c	2664.2	99.1	0.00	226.08	4.27	2.55	0.44	226.40	0.33	98.3	3.39	11.5	11.5	17.8	1.87	3.89	3.89	2.19	119.09	1.0	1.0
P_Troghi	FO0048_d	2678.4	99.0	0.00	225.31	3.75	4.05	0.90	226.14	0.83	76.6	2.35	11.9	11.9	16.5	1.47	2.46	2.46	1.56	68.06	1.0	1.0
P_Troghi	FO0049_a	2771.2	98.8	0.00	223.74	2.72	4.38	1.01	224.72	0.98	69.7	1.93	11.7	11.7	16.3	1.14	2.26	2.26	1.38	65.35	1.0	1.0
P_Troghi	FO0049_b	2772.2	98.8	0.00	223.43	3.26	3.99	0.63	224.24	0.81	81.5	4.20	7.8	7.8	15.2	1.67	2.48	2.48	1.63	107.87	1.0	1.0
P_Troghi	FO0049_c	2775.9	98.8	0.00	223.40	3.28	3.98	0.63	224.21	0.81	81.5	4.13	7.8	7.8	15.1	1.67	2.48	2.48	1.64	108.26	1.0	1.0
P_Troghi	FO0049_d	2784.5	98.8	0.00	223.47	3.47	3.01	0.92	223.91	0.46	60.2	1.18	28.4	28.4	31.8	0.91	3.35	3.35	1.05	59.72	1.0	1.0
P_Troghi	FO0050_a	2975.4	77.7	22.31	221.01	3.69	2.38	0.61	221.29	0.29	72.1	2.90	11.3	11.3	12.7	1.64	3.27	3.27	2.58	69.56	1.0	1.0
P_Troghi	FO0050_b	2979.1	77.7	0.00	220.92	3.60	3.26	1.00	221.25	0.54	76.8	9999.99	14.2	14.2	29.1	1.89	3.00	3.00	1.15	96.24	1.0	1.0
P_Troghi	FO0050_c	2984.3	77.7	0.00	220.25	3.19	3.78	1.01	220.98	0.73	63.0	1.67	14.3	14.3	28.8	1.61	2.06	2.06	1.19	97.25	1.0	1.0
P_Troghi	FO0050_d	2987.4	80.0	-4.63	219.90	3.29	4.23	1.01	220.81	0.91	58.4	1.81	10.5	10.5	12.6	1.27	1.90	1.90	1.50	64.76	1.0	1.0
P_Troghi	FO0050Ad	3235.3	99.6	-20.20	209.84	3.57	4.54	1.01	210.89	1.05	77.0	2.09	10.5	10.5	12.6	1.41	2.19	2.19	1.73	65.36	1.0	1.0
P_Troghi	FO0050Bd	3483.2	99.8	0.00	199.50	3.57	4.55	1.01	200.56	1.05	77.2	2.09	10.5	10.5	12.6	1.41	2.19	2.19	1.74	65.37	1.0	1.0
P_Troghi	FO0050Cd	3731.1	123.1	0.00	189.48	3.89	4.87	1.01	190.69	1.21	100.6	2.41	10.5	10.5	12.6	1.56	2.52	2.52	2.00	66.26	1.0	1.0
P_Troghi	FO0051Aa	3979.1	123.2	0.00	179.07	3.83	4.79	1.01	180.24	1.17	96.9	2.33	11.0	11.0	14.6	1.43	2.57	2.57	1.76	70.87	1.0	1.0
P_Troghi	FO0051Ba	4227.0	124.2	0.00	168.75	3.85	4.80	1.01	169.92	1.18	97.9	2.34	11.1	11.1	14.6	1.44	2.59	2.59	1.77	70.97	1.0	1.0
P_Troghi	FO0051Ca	4474.9	124.0	0.00	158.40	3.84	4.80	1.01	159.58	1.18	97.8	2.34	11.1	11.1	14.5	1.44	2.59	2.59	1.78	71.18	1.0	1.0
P_Troghi	FO0051_a	4722.8	109.1	27.95	151.83	7.61	2.23	0.58	151.91	0.25	238.9	5.65	13.0	13.0	19.3	3.09	7.33	7.33	3.79	86.14	1.0	1.0
P_Troghi	FO0051_b	4723.8	109.2	0.00	150.65	6.43	5.75	1.28	151.72	1.69	129.5	9999.99	14.2	14.2	31.7	3.89	2.31	2.31	1.29	99.94	1.0	1.0
P_Troghi	FO0051_c	4729.8	109.2	0.00	150.46	6.24	5.32	1.12	151.55	1.44	127.7	9999.99	14.2	14.2	31.1	3.88	2.18	2.18	1.49	104.73	1.0	1.0
P_Troghi	FO0051_d	4730.8	109.5	-0.70	149.72	5.50	3.57	1.00	149.97	0.65	120.2	3.48	13.3	13.3	17.0	2.08	4.64	4.64	2.73	80.03	1.0	1.0
P_Troghi	FO0052_a	4773.4	76.7	39.47	149.83	6.27	1.61	0.51	149.88	0.13	210.4	4.34	17.5	17.5	19.9	2.67	7.60	7.60	3.82	77.18	1.0	1.0
P_Troghi	FO0052_b	4774.4	76.6	0.00	149.53	5.97	5.36	1.27	149.82	1.47	134.9	9999.99	12.7	12.7	28.2	3.68	3.16	3.16	1.12	93.59	1.0	1.0
P_Troghi	FO0052_c	4785.8	75.8	0.00	148.57	5.03	5.40	1.15	149.34	1.49	93.5	9999.99	12.7	12.7	28.2	3.25	1.95	1.95	1.06	93.56	1.0	1.0
P_Troghi	FO0052_d	4786.8	80.5	-7.91	146.28	2.73	4.23	1.03	147.18	0.91	55.3	1.79	10.7	10.7	12.5	1.09	1.92	1.92	1.54	67.78	1.0	1.0
P_Troghi	FO0053Aa	4930.2	77.7	0.00	144.33	2.27	2.57	0.83	144.58	0.34	44.5	1.31	26.5	26.5	27.5	0.77	3.47	3.47	1.26	63.41	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0053_a	4931.2	85.5	-8.68	144.02	1.96	3.21	1.03	144.54	0.52	45.3	1.05	25.4	25.4	26.3	0.65	2.67	2.67	1.02	58.97	1.0	1.0
P_Troghi	FO0053_b	4936.2	103.4	-23.62	142.46	3.26	3.86	0.71	143.20	0.76	83.6	3.09	8.8	8.8	14.5	1.60	2.71	2.71	1.87	72.37	1.0	1.0
P_Troghi	FO0054__	5059.0	139.3	-21.71	141.47	3.51	3.62	0.90	142.08	0.67	99.0	1.74	25.3	25.3	27.0	1.24	4.02	4.02	1.57	68.23	1.0	1.0
P_Troghi	FO0055__	5529.8	133.9	7.89	137.98	6.00	1.94	0.43	138.16	0.19	212.7	4.78	14.6	14.6	16.9	2.67	6.98	6.98	4.12	80.74	1.0	1.0
P_Troghi	FO0056_a	5548.5	129.2	4.94	137.96	6.29	1.98	0.41	138.14	0.20	210.6	4.93	13.8	14.6	16.6	2.73	6.81	7.01	4.09	81.30	1.0	1.0
P_Troghi	FO0056_b	5549.5	129.2	0.00	137.09	5.50	4.07	0.34	137.93	0.84	155.0	9999.99	8.2	8.2	22.8	3.19	3.18	3.18	1.68	109.06	1.0	1.0
P_Troghi	FO0056_c	5556.1	129.2	0.00	136.99	5.23	4.10	0.36	137.85	0.86	150.9	9999.99	8.2	8.2	22.3	3.07	3.15	3.15	1.72	109.85	1.0	1.0
P_Troghi	FO0056_d	5560.3	125.8	6.86	137.34	5.58	1.63	0.34	137.47	0.14	198.5	4.07	19.2	19.2	23.2	2.27	7.82	7.82	3.37	87.65	1.0	1.0
P_Troghi	FO0057Aa	5583.0	125.7	0.00	135.84	4.08	5.21	0.87	137.20	1.38	111.9	3.70	6.6	13.5	10.1	1.88	2.43	3.35	2.41	78.74	1.0	1.0
P_Troghi	FO0057_a	5584.0	125.7	0.00	135.48	3.72	5.76	1.01	137.15	1.69	110.7	3.34	6.6	13.2	10.1	1.70	2.20	2.87	2.18	76.12	1.0	1.0
P_Troghi	FO0057_b	5584.6	125.7	0.00	134.20	3.22	5.47	1.01	135.70	1.52	105.9	3.01	7.7	8.2	13.2	1.57	2.32	2.32	1.76	70.85	1.0	1.0
P_Troghi	FO0057Ac	5586.7	125.7	0.00	134.28	3.38	4.50	0.87	135.29	1.03	101.0	2.81	10.0	11.0	14.5	1.56	2.82	2.83	1.95	73.29	1.0	1.0
P_Troghi	FO0057_c	5587.7	125.7	0.00	133.97	3.07	5.04	1.01	135.25	1.30	99.8	2.56	9.8	10.1	14.0	1.42	2.51	2.51	1.79	71.27	1.0	1.0
P_Troghi	FO0057_d	5588.5	125.7	0.00	132.86	3.27	5.33	1.00	134.31	1.45	105.0	2.90	8.1	12.6	13.0	1.56	2.36	2.62	1.81	71.57	1.0	1.0
P_Troghi	FO0058__	5747.5	134.8	-11.58	131.39	3.77	2.45	0.64	131.69	0.31	99.2	1.79	31.0	31.0	32.3	1.19	5.55	5.55	1.72	70.28	1.0	1.0
P_Troghi	FO0059__	6012.9	146.6	-17.48	129.35	3.65	4.44	1.00	130.34	1.00	110.7	1.99	16.6	16.6	18.8	1.35	3.31	3.31	1.76	70.92	1.0	1.0
P_Troghi	FO0060_a	6139.4	146.3	0.00	128.53	3.81	2.61	0.57	128.88	0.35	114.1	2.13	26.4	26.4	28.8	1.34	5.62	5.62	1.95	73.40	1.0	1.0
P_Troghi	FO0060_b	6143.6	146.3	0.00	128.52	3.79	2.53	0.62	128.85	0.33	113.0	2.06	28.2	28.2	36.7	1.30	5.80	5.80	1.58	106.79	1.0	1.0
P_Troghi	FO0060_c	6155.1	146.2	0.00	127.86	3.38	3.76	1.00	128.58	0.72	96.8	1.71	22.8	22.8	29.9	1.05	3.89	3.89	1.30	100.10	1.0	1.0
P_Troghi	FO0060_d	6156.2	146.2	0.00	127.88	3.44	3.56	0.90	128.53	0.64	97.2	1.58	26.0	26.0	28.2	1.07	4.11	4.11	1.46	66.58	1.0	1.0
P_Troghi	FO0061__	6265.2	145.7	5.96	126.70	2.94	3.21	0.81	127.23	0.53	95.1	1.61	28.1	28.1	28.9	1.04	4.53	4.53	1.57	68.18	1.0	1.0
P_Troghi	FO0061A__	6266.2	145.7	0.00	126.66	2.90	3.29	0.84	127.22	0.55	94.5	1.58	28.0	28.0	28.9	1.03	4.43	4.43	1.53	67.70	1.0	1.0
P_Troghi	FO0062__	6687.0	145.1	0.00	122.77	4.13	3.01	0.66	123.23	0.46	111.4	2.18	22.1	22.1	24.9	1.39	4.82	4.82	1.93	73.11	1.0	1.0
P_Troghi	FO0063__	6787.0	145.4	7.61	121.65	3.44	3.95	0.93	122.44	0.79	98.3	1.86	19.8	50.9	22.0	1.08	3.68	5.46	1.68	69.66	1.0	1.0
P_Troghi	FO0064__	7068.4	146.4	0.00	118.19	3.32	3.43	0.79	118.78	0.60	100.8	1.97	21.7	21.8	24.1	1.16	4.27	4.27	1.77	71.06	1.0	1.0
P_Troghi	FO0065__	7312.4	146.1	0.00	116.21	3.48	3.13	0.66	116.70	0.50	115.1	2.78	16.8	24.5	19.2	1.47	4.67	5.09	2.43	78.96	1.0	1.0
P_Troghi	FO0065__	7313.4	146.0	0.01	116.29	3.56	2.77	0.67	116.68	0.39	115.4	2.16	24.5	24.5	27.1	1.41	5.29	5.29	1.95	73.39	1.0	1.0
P_Troghi	FO0066__	7519.7	146.0	3.24	115.01	4.50	3.35	0.73	115.58	0.57	118.6	2.27	19.3	19.3	21.7	1.58	4.37	4.37	2.01	74.10	1.0	1.0
P_Troghi	FO0067__	7735.2	137.6	10.64	114.31	4.85	2.20	0.49	114.51	0.25	144.8	3.05	22.0	40.2	23.6	1.76	6.69	8.99	2.84	82.87	1.0	1.0
P_Troghi	FO0068__	7864.2	127.9	20.19	114.07	4.81	2.07	0.43	114.27	0.22	158.6	3.70	17.3	20.1	22.2	2.08	6.39	6.39	2.88	75.34	1.0	1.0
P_Troghi	SE0001_A	7900.2	128.0	0.00	113.40	3.71	3.72	0.69	114.07	0.70	111.8	3.64	9.6	9.6	16.7	1.84	3.51	3.51	2.10	75.18	1.0	1.0
P_Troghi	SE0001_B	7901.2	128.0	0.00	113.23	3.54	4.04	0.66	114.02	0.83	110.6	4.43	9.7	9.7	17.4	1.84	3.22	3.22	1.85	112.54	1.0	1.0
P_Troghi	SE0001_C	7911.7	127.9	0.00	112.23	2.58	5.23	1.03	113.62	1.39	100.2	2.79	9.7	9.7	15.0	1.31	2.45	2.45	1.63	107.98	1.0	1.0
P_Troghi	SE0001_D	7912.7	127.9	0.00	112.09	4.05	3.69	0.67	112.67	0.69	119.0	3.95	9.5	9.5	17.2	2.00	3.76	3.76	2.19	76.19	1.0	1.0
P_Troghi	SE0002__	7926.8	132.2	-6.69	111.91	3.92	3.93	0.94	112.57	0.79	119.4	3.80	9.7	9.7	15.1	1.94	3.67	3.67	2.43	74.68	1.0	1.0
P_Troghi	SE0003_A	7935.5	137.4	-5.63	111.90	4.14	3.60	0.68	112.49	0.66	127.9	3.57	11.3	11.3	17.6	1.99	4.03	4.03	2.28	77.33	1.0	1.0
P_Troghi	SE0003_B	7936.5	137.5	0.00	111.50	3.74	4.27	0.66	112.40	0.93	122.2	5.34	9.5	9.5	18.5	1.94	3.28	3.28	1.77	111.05	1.0	1.0
P_Troghi	SE0003_C	7946.4	137.4	0.00	111.18	3.42	5.26	1.00	112.02	1.41	110.8	4.29	9.5	9.5	17.4	1.74	3.07	3.07	1.77	110.93	1.0	1.0
P_Troghi	SE0003_D	7947.4	137.5	-0.16	111.18	3.42	5.12	1.03	111.98	1.33	109.8	3.06	10.6	10.6	16.0	1.66	3.24	3.24	2.02	74.24	1.0	1.0
P_Troghi	SE0004_A	7948.8	137.5	0.00	111.18	3.60	4.87	1.00	111.85	1.21	110.7	3.19	10.8	10.8	16.4	1.75	3.44	3.44	2.09	75.07	1.0	1.0
P_Troghi	SE0004_D	7949.1	137.8	-0.47	111.30	4.31	3.63	0.61	111.78	0.67	127.6	3.77	10.9	10.9	17.9	2.09	4.10	4.10	2.29	77.43	1.0	1.0
P_Troghi	SE0005__	8021.3	137.7	0.00	111.18	5.08	3.74	0.76	111.42	0.71	122.9	2.83	18.0	18.0	21.3	1.90	5.00	5.00	2.37	78.24	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	SE0006__	8048.3	137.6	1.89	111.19	5.20	3.07	0.64	111.32	0.48	139.4	3.04	19.9	19.9	23.1	1.96	6.05	6.05	2.62	80.89	1.0	1.0
P_Troghi	SE0007__	8148.4	137.3	0.00	111.19	5.98	1.37	0.24	111.21	0.10	284.8	3.39	40.6	45.0	48.8	2.18	12.78	12.78	3.03	84.97	1.0	1.0
P_Troghi	SE0008__	8205.0	137.1	0.00	111.19	6.53	1.25	0.21	111.20	0.08	324.7	3.93	34.1	38.3	42.8	2.39	13.38	13.38	3.43	88.57	1.0	1.0
P_Troghi	SE0009__	8304.1	136.7	0.00	111.20	5.49	1.86	0.40	111.20	0.18	211.2	3.48	29.0	29.0	32.5	2.06	10.10	10.10	3.11	85.66	1.0	1.0
P_Troghi	SE0010__	8357.8	136.3	0.94	111.19	7.20	0.84	0.14	111.19	0.04	528.9	4.73	42.1	42.1	45.7	2.65	19.88	19.88	4.35	95.87	1.0	1.0

Cassa	H [m]	V [m ³]	s [m ³ /s]
MONDO	0.00	0.86	0.00
bidi_troghi_1	0.66	98857.39	-53.50

Portella	s [m ³ /s]
Par_01	10.45

STATO DI PROGETTO

Tabulati verifiche idrauliche $Tr = 200$ anni

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0001__	0.0	52.6	14.71	276.02	3.08	3.05	0.69	276.49	0.47	40.1	2.11	7.3	7.3	8.3	1.37	1.73	1.73	2.09	56.43	1.0	1.0
P_Troghi	FO0002__	42.1	50.7	-11.39	274.96	2.61	4.48	1.01	275.98	1.02	35.5	1.82	5.5	6.6	7.9	1.09	1.13	1.13	1.43	56.74	1.0	1.0
P_Troghi	FO0003_a	100.3	50.0	-3.32	274.56	3.56	1.71	0.59	274.68	0.15	50.8	2.00	14.1	14.1	17.2	1.33	3.22	3.22	1.87	72.38	1.0	1.0
P_Troghi	FO0003_b	101.6	50.0	0.00	273.35	2.35	4.53	1.01	274.40	1.05	34.4	1.92	5.5	5.5	9.3	1.03	1.10	1.10	1.19	97.25	1.0	1.0
P_Troghi	FO0003_c	110.3	50.0	0.00	273.20	2.21	4.51	1.01	274.24	1.04	34.3	1.86	5.5	5.5	9.0	1.02	1.11	1.11	1.23	98.26	1.0	1.0
P_Troghi	FO0003_d	111.5	50.0	-0.14	273.17	2.18	4.09	1.01	274.02	0.85	32.5	1.60	7.2	7.2	9.3	0.95	1.22	1.22	1.32	64.34	1.0	1.0
P_Troghi	FO0004__	313.0	57.2	-7.88	269.54	2.79	2.36	0.59	269.82	0.28	38.3	1.54	14.5	14.5	15.7	1.01	2.45	2.45	1.56	68.05	1.0	1.0
P_Troghi	FO0005Aa	338.2	57.2	0.00	269.34	2.76	2.85	0.81	269.65	0.41	35.8	1.41	14.2	14.2	15.5	0.97	2.23	2.23	1.43	66.18	1.0	1.0
P_Troghi	FO0005_a	339.2	60.2	-1.31	268.98	2.40	3.51	1.01	269.61	0.63	36.0	1.13	13.7	13.7	14.9	0.84	1.72	1.72	1.15	61.55	1.0	1.0
P_Troghi	FO0005_b	339.8	60.3	-0.46	269.12	2.89	2.92	0.82	269.54	0.44	38.8	1.33	13.9	13.9	15.5	1.01	2.08	2.08	1.34	64.72	1.0	1.0
P_Troghi	FO0006__	397.2	46.5	16.69	268.92	3.67	2.75	0.97	269.11	0.38	43.0	2.16	9.8	9.8	11.4	1.49	2.29	2.29	2.01	63.09	1.0	1.0
P_Troghi	FO0007_a	417.4	33.6	14.72	268.90	3.88	2.13	0.60	269.06	0.23	40.2	3.22	5.6	9.3	8.0	1.78	1.92	2.55	2.41	68.69	1.0	1.0
P_Troghi	FO0007_b	418.6	33.6	0.00	268.51	3.54	3.21	0.79	268.96	0.53	31.4	9999.99	4.1	6.7	14.7	1.87	1.14	1.47	0.78	84.27	1.0	1.0
P_Troghi	FO0007_c	422.5	33.6	0.00	267.81	2.84	4.31	1.00	268.57	0.95	25.9	9999.99	4.1	6.7	14.7	1.53	0.85	1.00	0.77	84.27	1.0	1.0
P_Troghi	FO0007_d	423.4	33.7	-0.66	268.02	3.05	2.63	0.64	268.27	0.35	27.4	2.41	5.6	9.3	8.0	1.38	1.45	1.77	1.81	66.75	1.0	1.0
P_Troghi	FO0008__	463.3	56.1	-24.55	267.30	2.65	3.69	1.01	267.99	0.69	37.1	1.36	11.0	11.0	12.1	1.05	1.52	1.52	1.26	62.16	1.0	1.0
P_Troghi	FO0009__	491.5	59.2	-4.06	266.69	2.70	3.27	0.85	267.24	0.54	36.4	1.47	11.4	11.4	12.6	0.92	1.81	1.81	1.44	66.29	1.0	1.0
P_Troghi	FO0010__	587.8	62.0	-9.32	265.42	2.93	3.85	1.02	266.14	0.76	41.2	1.49	11.4	13.2	15.0	1.06	1.65	1.65	1.24	63.11	1.0	1.0
P_Troghi	FO0011Aa	649.4	61.6	0.00	264.62	2.59	3.19	0.86	265.04	0.52	39.5	1.45	14.4	14.4	15.8	1.01	2.11	2.11	1.34	64.72	1.0	1.0
P_Troghi	FO0011_a	650.4	62.3	-0.04	264.30	2.27	3.80	1.02	265.00	0.74	39.0	1.39	12.1	12.1	13.3	0.92	1.68	1.68	1.31	64.21	1.0	1.0
P_Troghi	FO0011_b	651.4	62.3	0.00	264.38	2.94	3.01	0.73	264.79	0.46	43.8	1.75	13.1	13.1	15.2	1.19	2.17	2.17	1.53	67.69	1.0	1.0
P_Troghi	FO0012__	726.2	62.9	-2.31	263.91	2.77	3.06	0.81	264.23	0.48	43.9	1.54	15.9	15.9	17.2	1.12	2.49	2.49	1.51	67.35	1.0	1.0
P_Troghi	FO0013_a	757.7	63.6	1.38	263.78	2.89	2.64	0.63	264.04	0.36	49.8	1.93	13.2	18.1	15.5	1.29	2.73	2.99	1.76	70.94	1.0	1.0
P_Troghi	FO0013_b	758.7	63.6	0.00	263.66	2.77	2.76	0.63	264.00	0.39	48.3	1.92	11.2	11.2	24.8	1.37	2.30	2.30	1.68	109.12	1.0	1.0
P_Troghi	FO0013_c	760.9	63.6	0.00	263.63	2.74	2.76	0.65	263.98	0.39	47.9	1.91	11.2	11.2	24.8	1.35	2.30	2.30	1.67	108.91	1.0	1.0
P_Troghi	FO0013_d	761.9	63.6	-0.05	263.68	2.80	2.69	0.64	263.92	0.37	47.2	1.87	17.6	17.6	19.9	1.18	2.82	2.82	1.53	67.61	1.0	1.0
P_Troghi	FO0014Aa	824.3	65.1	0.00	263.51	3.06	3.51	1.01	263.68	0.63	51.3	1.45	15.4	15.4	16.9	1.25	3.24	3.24	1.92	71.11	1.0	1.0
P_Troghi	FO0014_a	825.3	65.1	0.04	263.42	2.97	3.51	1.01	263.60	0.63	48.5	1.46	15.4	15.4	16.9	1.20	3.10	3.10	1.84	70.85	1.0	1.0
P_Troghi	FO0014_b	826.4	64.6	0.42	263.51	3.62	3.50	1.01	263.62	0.63	63.1	1.78	15.4	15.4	17.1	1.48	3.70	3.70	2.16	74.33	1.0	1.0
P_Troghi	FO0015Aa	829.9	64.5	0.00	263.48	3.89	3.00	0.85	263.59	0.46	69.2	1.96	15.4	15.4	17.4	1.58	3.86	3.86	2.22	75.25	1.0	1.0
P_Troghi	FO0015_a	830.9	64.5	0.00	263.48	3.89	3.44	1.01	263.59	0.60	69.2	1.96	15.4	15.4	17.4	1.58	3.86	3.86	2.22	75.24	1.0	1.0
P_Troghi	FO0015_b	832.0	64.4	0.01	263.50	4.54	2.00	0.61	263.59	0.20	88.9	2.36	15.4	15.4	18.2	1.85	4.42	4.42	2.43	77.61	1.0	1.0
P_Troghi	FO0016_a	844.7	62.1	1.97	263.30	4.46	3.54	0.80	263.55	0.64	65.6	2.99	6.4	7.8	12.4	2.13	2.51	2.60	2.02	71.25	1.0	1.0
P_Troghi	FO0016_b	846.0	62.1	0.00	263.38	4.62	3.50	0.77	263.77	0.63	71.2	9999.99	6.2	6.2	24.0	2.62	2.10	2.10	1.58	106.81	1.0	1.0
P_Troghi	FO0016_c	855.5	62.0	0.00	262.96	4.20	3.58	0.87	263.46	0.65	62.9	2.94	6.2	6.2	24.0	2.42	1.84	1.84	1.58	106.86	1.0	1.0
P_Troghi	FO0016_d	856.5	61.9	0.02	262.97	4.21	3.37	0.77	263.27	0.58	62.4	3.16	6.0	7.4	13.1	2.04	2.36	2.39	1.80	71.42	1.0	1.0
P_Troghi	FO0017__	905.3	56.9	9.76	263.05	4.91	2.51	1.00	263.12	0.32	97.7	3.18	10.8	10.8	15.8	2.11	4.33	4.33	2.73	82.10	1.0	1.0
P_Troghi	FO0018_a	913.2	57.5	0.00	262.95	5.90	2.99	0.68	263.10	0.46	81.4	3.61	6.8	8.0	11.2	2.38	3.02	3.45	2.69	81.65	1.0	1.0
P_Troghi	FO0018_b	914.2	57.5	0.00	262.35	5.30	5.19	0.98	262.99	1.37	63.1	9999.99	4.8	8.8	18.5	3.06	1.45	1.74	0.97	90.89	1.0	1.0
P_Troghi	FO0018_c	920.1	57.4	0.00	261.41	4.36	5.61	0.97	262.52	1.60	52.9	9999.99	4.8	4.8	13.7	2.50	1.11	1.11	0.97	90.89	1.0	1.0
P_Troghi	FO0018_d	921.3	57.4	0.00	261.04	3.99	3.47	0.66	261.42	0.61	44.8	2.98	5.8	5.8	12.6	1.63	1.84	1.84	1.46	66.59	1.0	1.0
P_Troghi	FO0019Aa	953.2	56.9	0.00	261.01	3.27	2.86	0.74	261.22	0.42	45.4	2.35	9.4	9.7	12.0	1.45	2.41	2.43	2.01	70.49	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0019_a	954.2	71.0	-2.43	260.21	2.47	4.28	1.01	261.14	0.93	48.8	1.78	9.0	9.2	11.5	1.08	1.67	1.67	1.45	66.50	1.0	1.0
P_Troghi	FO0019_b	955.3	71.4	-1.97	260.30	2.95	3.58	0.77	260.94	0.65	51.6	2.13	9.1	9.3	12.3	1.28	2.00	2.01	1.63	69.03	1.0	1.0
P_Troghi	FO0020Aa	1128.1	71.0	0.00	258.26	2.37	3.80	0.87	258.96	0.73	47.8	1.97	9.1	9.1	10.5	1.09	1.91	1.91	1.83	62.58	1.0	1.0
P_Troghi	FO0020_a	1129.1	71.4	-1.40	258.00	2.11	4.26	1.01	258.93	0.92	47.1	1.74	9.1	9.1	10.5	0.96	1.68	1.68	1.60	61.81	1.0	1.0
P_Troghi	FO0020_b	1129.6	71.4	0.00	257.12	4.38	1.31	0.26	257.21	0.09	114.1	2.58	20.1	20.1	23.7	1.86	5.64	5.64	2.38	76.45	1.0	1.0
P_Troghi	FO0021__	1137.5	72.9	-3.55	257.04	3.40	1.80	0.66	257.19	0.17	75.0	2.03	18.9	18.9	21.8	1.46	4.27	4.27	1.95	71.72	1.0	1.0
P_Troghi	FO0022__	1168.3	83.7	-6.73	256.42	3.32	3.45	0.89	256.99	0.61	59.9	1.80	16.5	16.5	19.1	1.26	2.49	2.49	1.43	66.14	1.0	1.0
P_Troghi	FO0023_a	1220.2	83.5	-1.12	255.85	3.70	3.28	0.73	256.40	0.55	63.3	1.90	12.3	24.3	14.5	1.39	2.55	3.09	1.76	70.85	1.0	1.0
P_Troghi	FO0023_b	1221.2	83.5	0.00	255.88	3.74	3.04	0.76	256.35	0.47	63.0	1.76	13.9	25.2	16.1	1.35	2.75	3.37	1.71	109.62	1.0	1.0
P_Troghi	FO0023_c	1232.0	83.4	0.00	255.82	3.73	3.16	0.81	256.30	0.51	62.8	1.73	13.9	25.2	16.1	1.35	2.73	3.34	1.70	109.42	1.0	1.0
P_Troghi	FO0023_d	1236.5	82.4	1.27	255.57	3.52	3.54	0.89	256.21	0.64	60.8	1.90	12.3	24.3	14.5	1.34	2.33	2.66	1.61	68.73	1.0	1.0
P_Troghi	FO0024__	1291.0	82.7	-1.59	255.31	4.27	2.80	0.65	255.71	0.40	69.9	2.29	12.1	18.7	15.2	1.57	2.95	3.42	1.93	73.13	1.0	1.0
P_Troghi	FO0025_a	1320.1	80.4	2.41	255.37	4.66	3.90	1.00	255.54	0.77	74.7	1.74	23.3	23.3	27.3	1.34	4.47	4.47	1.64	69.14	1.0	1.0
P_Troghi	FO0025_b	1321.1	80.4	0.00	254.82	4.16	4.22	1.00	255.39	0.91	61.3	4.75	18.3	18.3	33.2	1.54	2.40	2.40	1.24	98.67	1.0	1.0
P_Troghi	FO0025_c	1323.3	80.5	0.00	254.74	4.23	4.21	1.01	255.32	0.91	61.2	4.86	20.6	20.6	35.6	1.61	2.38	2.38	1.26	99.09	1.0	1.0
P_Troghi	FO0025_d	1324.4	81.3	-1.49	254.42	3.96	4.20	1.01	255.06	0.90	59.3	1.79	17.9	22.4	25.6	1.33	2.29	2.29	1.30	64.13	1.0	1.0
P_Troghi	FO0026__	1384.3	82.4	-2.84	252.78	3.56	4.51	0.99	253.57	1.04	63.2	2.12	8.1	8.1	10.2	1.46	2.08	2.08	2.03	74.34	1.0	1.0
P_Troghi	FO0027__	1448.7	87.4	3.48	252.93	4.32	3.92	1.00	253.12	0.78	86.6	1.95	16.0	16.0	18.3	1.61	4.32	4.32	2.36	74.44	1.0	1.0
P_Troghi	FO0028_a	1456.5	87.1	1.42	252.91	5.60	2.45	0.54	253.12	0.31	114.5	3.26	10.4	16.3	15.6	2.36	4.12	5.23	2.64	78.82	1.0	1.0
P_Troghi	FO0028_b	1457.5	87.2	0.00	251.72	4.42	5.97	1.00	252.84	1.82	83.0	5.23	4.5	4.5	16.0	2.42	1.79	1.79	1.33	100.83	1.0	1.0
P_Troghi	FO0028_c	1462.2	87.2	0.00	251.09	3.82	5.96	1.00	252.38	1.81	77.1	3.37	4.5	4.5	12.5	1.96	1.66	1.66	1.33	100.80	1.0	1.0
P_Troghi	FO0028_d	1463.2	87.2	0.00	250.89	3.63	4.58	0.89	251.96	1.07	72.5	2.63	6.9	10.8	12.2	1.67	1.90	1.99	1.56	68.04	1.0	1.0
P_Troghi	FO0029__	1471.9	87.8	-0.68	250.96	3.76	3.97	0.80	251.76	0.80	72.5	2.40	8.7	8.7	13.5	1.67	2.21	2.21	1.64	69.24	1.0	1.0
P_Troghi	FO0030__	1513.9	89.9	-3.66	250.31	3.40	4.15	0.89	251.19	0.88	67.2	2.07	9.8	11.9	12.2	1.35	2.17	2.28	1.77	71.08	1.0	1.0
P_Troghi	FO0031__	1564.3	90.2	-1.30	250.13	3.57	3.05	0.78	250.60	0.48	65.6	1.95	13.9	13.9	15.7	1.27	2.96	2.96	1.89	72.58	1.0	1.0
P_Troghi	FO0032_a	1575.4	90.5	0.00	250.04	3.73	3.41	0.93	250.50	0.59	66.5	1.56	16.3	16.3	18.4	1.29	2.99	2.99	1.62	65.25	1.0	1.0
P_Troghi	FO0032_b	1576.5	90.6	0.00	250.04	3.73	3.41	1.00	250.48	0.59	75.2	9999.99	15.9	15.9	29.4	1.56	3.08	3.08	1.05	91.54	1.0	1.0
P_Troghi	FO0032_c	1578.5	90.6	0.00	250.03	3.76	3.34	1.00	250.47	0.57	74.8	9999.99	15.9	15.9	29.4	1.54	3.10	3.10	1.05	91.23	1.0	1.0
P_Troghi	FO0032_d	1579.5	90.3	0.31	250.05	3.78	3.68	1.00	250.42	0.69	74.5	2.30	12.3	16.2	17.9	1.49	3.33	3.33	1.87	60.70	1.0	1.0
P_Troghi	FO0033_a	1606.2	86.8	3.44	249.07	3.09	4.55	1.01	250.13	1.06	64.1	1.88	9.1	9.1	10.0	1.25	1.91	1.91	1.91	57.29	1.0	1.0
P_Troghi	FO0033Ab	1607.2	86.8	0.00	248.72	2.49	3.42	0.86	249.32	0.59	55.1	1.54	14.9	14.9	15.7	0.98	2.54	2.54	1.62	56.91	1.0	1.0
P_Troghi	FO0033_b	1608.2	86.8	0.00	248.52	2.29	3.86	1.01	249.28	0.76	53.9	1.35	14.9	14.9	15.7	0.88	2.25	2.25	1.43	56.28	1.0	1.0
P_Troghi	FO0033_c	1610.8	86.8	0.00	247.04	3.25	2.14	0.49	247.28	0.23	66.6	1.83	20.3	20.3	21.9	1.18	4.06	4.06	1.85	72.06	1.0	1.0
P_Troghi	FO0034__	1641.2	89.9	-3.90	246.51	3.14	3.42	1.00	247.06	0.60	56.0	1.31	18.3	18.3	19.7	0.95	2.72	2.72	1.38	65.35	1.0	1.0
P_Troghi	FO0035__	1711.7	114.1	0.00	246.46	3.89	1.78	0.49	246.62	0.16	100.1	1.66	34.2	34.2	36.0	1.24	6.43	6.43	1.79	71.24	1.0	1.0
P_Troghi	FO0036__	1749.1	91.9	22.95	246.06	3.64	3.08	0.76	246.45	0.49	69.4	2.05	14.6	14.6	16.5	1.32	3.31	3.31	2.01	74.12	1.0	1.0
P_Troghi	FO0037__	1796.6	111.3	-20.80	245.08	3.23	4.43	1.01	246.08	1.00	78.9	1.80	12.6	12.6	14.8	1.14	2.51	2.51	1.69	69.96	1.0	1.0
P_Troghi	FO0038__	1853.5	107.0	6.56	244.19	2.89	3.94	1.01	244.98	0.79	70.0	1.44	17.3	17.3	19.2	0.99	2.71	2.71	1.41	65.83	1.0	1.0
P_Troghi	FO0039__	1934.7	95.4	11.82	243.94	3.29	1.96	0.71	244.12	0.20	78.1	1.85	24.3	24.3	25.5	1.18	5.09	5.09	2.00	73.94	1.0	1.0
P_Troghi	FO0040_a	2016.6	95.6	-6.44	243.70	4.10	2.47	0.62	243.93	0.31	88.4	2.29	17.3	17.3	19.9	1.50	4.52	4.52	2.27	73.94	1.0	1.0
P_Troghi	FO0040_b	2017.6	95.6	0.00	243.28	3.68	3.70	0.64	243.83	0.70	75.6	4.53	14.1	14.1	43.1	1.50	2.92	2.92	0.99	91.57	1.0	1.0
P_Troghi	FO0040_c	2019.4	95.6	0.00	243.07	3.48	3.60	0.62	243.68	0.66	72.3	4.57	13.9	13.9	41.6	1.40	2.75	2.75	1.00	91.64	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0040_d	2020.4	96.4	-1.96	243.07	3.48	3.81	0.94	243.64	0.74	69.3	1.84	13.8	13.8	16.5	1.27	2.86	2.86	1.74	70.55	1.0	1.0
P_Troghi	FO0041__	2056.5	112.8	-16.12	242.11	2.91	4.52	1.01	243.15	1.04	79.3	1.86	12.1	15.7	16.8	1.10	2.50	2.50	1.49	56.07	1.0	1.0
P_Troghi	FO0042Aa	2135.9	113.0	0.00	241.18	2.68	3.14	0.88	241.68	0.50	71.0	1.34	25.2	25.2	26.5	0.97	3.63	3.63	1.37	65.18	1.0	1.0
P_Troghi	FO0042_a	2136.9	113.3	0.63	240.97	2.47	3.63	1.01	241.65	0.67	70.0	1.28	23.3	23.3	24.6	0.90	3.12	3.12	1.27	63.54	1.0	1.0
P_Troghi	FO0042_b	2138.0	113.9	-0.63	236.89	2.89	5.16	1.01	238.25	1.36	91.1	2.42	8.2	8.2	13.0	1.41	2.21	2.21	1.70	70.07	1.0	1.0
P_Troghi	FO0043__	2228.9	114.0	-1.51	234.72	3.92	3.80	1.01	235.17	0.74	89.5	1.89	16.4	16.4	19.3	1.43	3.84	3.84	1.99	73.77	1.0	1.0
P_Troghi	FO0044_a	2285.6	117.2	0.00	234.38	4.22	3.04	0.56	234.85	0.47	114.4	3.45	9.6	9.6	17.3	2.02	3.87	3.87	2.24	76.82	1.0	1.0
P_Troghi	FO0044_b	2286.7	117.2	0.00	232.83	2.67	5.70	1.01	234.48	1.65	94.3	2.72	8.9	8.9	14.7	1.27	2.06	2.06	1.40	102.67	1.0	1.0
P_Troghi	FO0044_c	2290.9	117.2	0.00	232.73	2.77	5.58	1.01	234.31	1.59	93.6	2.63	8.9	8.9	14.4	1.28	2.10	2.10	1.46	103.97	1.0	1.0
P_Troghi	FO0044_d	2291.9	117.2	0.00	232.68	2.72	4.94	1.01	233.93	1.24	88.8	2.24	9.6	9.6	13.9	1.25	2.37	2.37	1.70	70.10	1.0	1.0
P_Troghi	FO0045__	2338.1	117.1	0.00	231.86	3.11	4.32	1.01	232.81	0.95	83.0	1.72	14.4	14.4	17.2	1.16	2.71	2.71	1.57	68.25	1.0	1.0
P_Troghi	FO0046__	2376.4	116.9	0.00	231.06	3.27	3.89	0.86	231.83	0.77	83.8	1.96	13.9	13.9	17.1	1.25	3.01	3.01	1.76	70.81	1.0	1.0
P_Troghi	FO0047Aa	2601.1	116.5	0.00	228.20	3.36	4.12	0.87	229.07	0.87	90.1	2.21	11.8	11.8	14.9	1.46	2.83	2.83	1.89	72.57	1.0	1.0
P_Troghi	FO0047_a	2602.1	116.5	0.00	227.92	3.08	4.68	1.01	229.03	1.12	89.0	2.06	11.2	11.2	14.1	1.34	2.49	2.49	1.77	71.01	1.0	1.0
P_Troghi	FO0047_b	2603.1	116.5	0.00	226.56	3.34	5.10	1.01	227.88	1.33	93.9	2.41	8.7	8.7	12.9	1.46	2.29	2.29	1.77	71.03	1.0	1.0
P_Troghi	FO0048_a	2638.6	116.5	0.00	226.47	3.73	3.35	1.01	226.85	0.57	86.6	1.97	19.4	19.4	21.6	1.27	4.25	4.25	1.96	73.43	1.0	1.0
P_Troghi	FO0048_b	2655.6	116.6	0.00	226.42	4.33	2.64	1.00	226.78	0.36	117.1	3.56	11.5	11.5	18.9	1.94	4.41	4.41	2.34	121.75	1.0	1.0
P_Troghi	FO0048_c	2664.2	116.6	0.00	226.34	4.53	2.78	0.46	226.74	0.39	116.7	3.39	11.5	11.5	18.3	1.99	4.20	4.20	2.29	120.94	1.0	1.0
P_Troghi	FO0048_d	2678.4	116.7	0.00	225.69	4.13	4.05	0.91	226.50	0.84	93.5	2.35	13.2	13.2	18.2	1.57	2.93	2.93	1.61	68.75	1.0	1.0
P_Troghi	FO0049_a	2771.2	116.8	0.00	223.97	2.95	4.62	1.01	225.06	1.09	86.2	1.93	11.7	11.7	16.8	1.23	2.53	2.53	1.51	67.28	1.0	1.0
P_Troghi	FO0049_b	2772.2	116.8	0.00	223.51	3.34	4.63	0.70	224.60	1.09	98.3	4.20	7.8	7.8	15.5	1.71	2.52	2.52	1.63	107.87	1.0	1.0
P_Troghi	FO0049_c	2775.9	116.8	0.00	223.45	3.33	4.66	0.72	224.55	1.11	97.9	4.13	7.8	7.8	15.3	1.70	2.51	2.51	1.64	108.26	1.0	1.0
P_Troghi	FO0049_d	2784.5	116.7	0.00	223.65	3.65	3.02	0.92	224.11	0.46	72.8	1.18	30.8	30.8	34.4	0.95	3.87	3.87	1.12	61.04	1.0	1.0
P_Troghi	FO0050_a	2975.4	94.2	26.11	221.16	3.84	2.73	0.63	221.55	0.38	85.3	2.90	11.3	11.3	12.7	1.71	3.45	3.45	2.72	70.00	1.0	1.0
P_Troghi	FO0050_b	2979.1	94.2	0.00	221.07	3.75	3.34	1.00	221.50	0.57	90.7	9999.99	14.2	14.2	29.1	1.96	3.21	3.21	1.14	95.92	1.0	1.0
P_Troghi	FO0050_c	2984.3	94.2	0.00	220.90	3.85	3.90	1.01	221.40	0.78	87.5	1.67	14.3	14.3	28.8	1.93	2.99	2.99	1.15	96.17	1.0	1.0
P_Troghi	FO0050_d	2987.4	97.9	-4.83	220.16	3.55	4.51	1.01	221.20	1.04	75.3	1.81	10.5	10.5	12.6	1.40	2.17	2.17	1.72	65.30	1.0	1.0
P_Troghi	FO0050Ad	3235.3	123.8	-30.40	210.16	3.89	4.89	1.02	211.39	1.22	101.4	2.09	10.5	10.5	12.6	1.57	2.53	2.53	2.00	66.27	1.0	1.0
P_Troghi	FO0050Bd	3483.2	121.2	0.00	199.79	3.86	4.85	1.02	200.99	1.20	98.6	2.09	10.5	10.5	12.6	1.55	2.50	2.50	1.98	66.18	1.0	1.0
P_Troghi	FO0050Cd	3731.1	142.0	0.00	189.72	4.13	5.12	1.01	191.05	1.34	120.7	2.41	10.5	10.5	12.6	1.68	2.77	2.77	2.19	66.93	1.0	1.0
P_Troghi	FO0051Aa	3979.1	142.2	0.00	179.32	4.08	4.98	1.01	180.59	1.27	115.8	2.33	11.4	11.4	15.3	1.53	2.85	2.85	1.87	72.29	1.0	1.0
P_Troghi	FO0051Ba	4227.0	144.0	0.00	169.01	4.11	5.00	1.01	170.28	1.27	117.7	2.34	11.4	11.4	15.3	1.54	2.88	2.88	1.88	72.42	1.0	1.0
P_Troghi	FO0051Ca	4474.9	144.4	0.00	158.67	4.11	5.00	1.01	159.95	1.28	118.1	2.34	11.4	11.4	15.4	1.54	2.89	2.89	1.88	72.45	1.0	1.0
P_Troghi	FO0051_a	4722.8	119.6	44.35	152.07	7.85	2.24	0.56	152.15	0.26	256.9	5.65	13.0	13.0	19.3	3.21	7.64	7.64	3.95	86.68	1.0	1.0
P_Troghi	FO0051_b	4723.8	119.7	0.00	151.41	7.19	6.08	1.47	151.95	1.89	176.5	9999.99	14.2	14.2	31.7	4.22	3.38	3.38	1.29	99.97	1.0	1.0
P_Troghi	FO0051_c	4729.8	119.6	0.00	150.86	6.64	5.87	1.39	151.92	1.75	164.7	9999.99	14.2	14.2	31.1	4.06	2.75	2.75	1.49	104.73	1.0	1.0
P_Troghi	FO0051_d	4730.8	120.1	-1.36	150.02	5.80	3.80	1.00	150.31	0.73	141.6	3.48	13.3	13.3	17.0	2.23	5.05	5.05	2.96	80.78	1.0	1.0
P_Troghi	FO0052_a	4773.4	90.1	40.93	150.15	6.59	1.71	0.53	150.21	0.15	239.3	4.34	17.5	17.5	19.9	2.82	8.15	8.15	4.10	78.06	1.0	1.0
P_Troghi	FO0052_b	4774.4	90.0	0.00	149.72	6.16	5.30	1.35	150.07	1.43	152.5	9999.99	12.7	12.7	28.2	3.77	3.40	3.40	1.21	93.58	1.0	1.0
P_Troghi	FO0052_c	4785.8	89.2	0.00	148.76	5.21	5.37	1.44	149.61	1.47	109.9	9999.99	12.7	12.7	28.2	3.33	2.18	2.18	1.06	93.55	1.0	1.0
P_Troghi	FO0052_d	4786.8	94.9	-9.35	146.53	2.98	4.33	1.03	147.48	0.96	67.9	1.79	11.3	11.3	13.3	1.19	2.19	2.19	1.65	69.41	1.0	1.0
P_Troghi	FO0053Aa	4930.2	90.0	0.00	144.50	2.44	2.62	0.82	144.75	0.35	53.1	1.31	27.1	27.1	28.2	0.84	3.92	3.92	1.39	65.48	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0053_a	4931.2	99.7	-11.79	144.14	2.08	3.36	1.02	144.71	0.58	54.8	1.05	25.8	25.8	26.8	0.70	2.98	2.98	1.11	60.83	1.0	1.0
P_Troghi	FO0053_b	4936.2	118.4	-28.09	142.62	3.42	4.18	0.75	143.50	0.89	98.0	3.09	8.8	8.8	14.8	1.68	2.85	2.85	1.93	73.06	1.0	1.0
P_Troghi	FO0054__	5059.0	161.5	-29.48	141.64	3.68	3.63	0.90	142.31	0.67	116.6	1.74	26.3	26.3	28.1	1.28	4.45	4.45	1.59	68.45	1.0	1.0
P_Troghi	FO0055__	5529.8	155.3	14.29	138.64	6.66	2.11	0.43	138.82	0.23	266.6	4.78	14.6	14.6	16.9	3.00	7.95	7.95	4.69	82.53	1.0	1.0
P_Troghi	FO0056_a	5548.5	145.6	10.46	138.63	6.96	2.04	0.41	138.80	0.21	262.1	4.93	13.8	14.6	16.6	3.06	7.74	7.99	4.66	83.08	1.0	1.0
P_Troghi	FO0056_b	5549.5	145.6	0.00	137.74	6.15	4.58	0.35	138.70	1.07	183.2	9999.99	8.2	8.2	22.8	3.84	3.18	3.18	1.68	109.06	1.0	1.0
P_Troghi	FO0056_c	5556.1	145.6	0.00	137.46	5.70	4.62	0.36	138.44	1.09	173.5	9999.99	8.2	8.2	22.3	3.55	3.15	3.15	1.72	109.85	1.0	1.0
P_Troghi	FO0056_d	5560.3	140.6	10.52	137.68	5.92	1.66	0.34	137.82	0.14	231.3	4.07	19.2	19.2	23.2	2.45	8.48	8.48	3.66	88.49	1.0	1.0
P_Troghi	FO0057Aa	5583.0	140.3	0.00	136.09	4.33	5.40	0.88	137.58	1.49	129.2	3.70	6.6	13.6	10.1	2.00	2.60	3.68	2.57	80.47	1.0	1.0
P_Troghi	FO0057_a	5584.0	140.3	0.00	135.71	3.95	5.97	1.02	137.53	1.82	128.0	3.34	6.6	13.4	10.1	1.82	2.35	3.17	2.33	77.83	1.0	1.0
P_Troghi	FO0057_b	5584.6	140.2	0.00	134.41	3.43	5.66	1.02	136.05	1.63	122.4	3.01	7.7	9.8	13.2	1.67	2.48	2.51	1.87	72.36	1.0	1.0
P_Troghi	FO0057Ac	5586.7	140.2	0.00	134.47	3.57	4.66	0.87	135.58	1.11	116.1	2.81	10.0	11.9	14.5	1.65	3.01	3.05	2.08	74.95	1.0	1.0
P_Troghi	FO0057_c	5587.7	140.2	0.00	134.17	3.27	5.19	1.01	135.54	1.37	114.9	2.56	10.0	10.5	14.4	1.51	2.70	2.70	1.87	72.34	1.0	1.0
P_Troghi	FO0057_d	5588.5	140.2	0.00	133.06	3.47	5.56	1.01	134.64	1.58	121.1	2.90	8.1	12.6	13.2	1.65	2.52	2.87	1.91	72.80	1.0	1.0
P_Troghi	FO0058__	5747.5	152.6	-25.26	131.59	3.97	2.53	0.64	131.90	0.33	115.6	1.79	31.2	31.2	32.6	1.26	6.16	6.16	1.89	72.57	1.0	1.0
P_Troghi	FO0059__	6012.9	174.1	-26.62	129.59	3.89	4.67	1.01	130.70	1.11	136.1	1.99	17.0	17.0	19.2	1.43	3.73	3.73	1.94	73.21	1.0	1.0
P_Troghi	FO0060_a	6139.4	174.4	-1.78	128.80	4.08	2.75	0.59	129.18	0.39	140.2	2.13	28.8	28.8	31.3	1.44	6.37	6.37	2.04	74.41	1.0	1.0
P_Troghi	FO0060_b	6143.6	174.4	0.00	128.80	4.07	2.67	0.61	129.16	0.36	139.5	2.06	28.2	28.2	37.8	1.40	6.56	6.56	1.74	110.25	1.0	1.0
P_Troghi	FO0060_c	6155.1	174.5	0.00	128.09	3.61	3.92	1.01	128.86	0.78	119.8	1.71	28.2	28.2	36.2	1.13	4.50	4.50	1.33	100.79	1.0	1.0
P_Troghi	FO0060_d	6156.2	174.5	0.00	128.12	3.68	3.68	0.91	128.80	0.69	119.9	1.58	28.5	28.5	30.8	1.15	4.77	4.77	1.55	67.94	1.0	1.0
P_Troghi	FO0061__	6265.2	174.3	7.47	126.91	3.14	3.42	0.82	127.50	0.60	117.8	1.61	28.5	28.5	29.4	1.12	5.12	5.12	1.74	70.57	1.0	1.0
P_Troghi	FO0061A__	6266.2	174.3	0.00	126.87	3.10	3.50	0.85	127.49	0.62	117.1	1.58	28.4	28.4	29.3	1.10	5.00	5.00	1.70	70.12	1.0	1.0
P_Troghi	FO0062__	6687.0	174.5	0.00	123.07	4.43	3.18	0.67	123.58	0.51	138.6	2.18	23.3	23.3	26.4	1.50	5.49	5.49	2.08	74.94	1.0	1.0
P_Troghi	FO0063__	6787.0	174.9	11.16	121.87	3.66	4.24	0.95	122.79	0.91	124.1	1.86	20.3	51.3	22.5	1.18	4.13	6.60	1.84	71.86	1.0	1.0
P_Troghi	FO0064__	7068.4	179.9	-0.05	118.47	3.60	3.68	0.79	119.16	0.69	130.1	1.97	22.0	22.9	24.5	1.28	4.89	4.90	2.00	73.93	1.0	1.0
P_Troghi	FO0065__	7312.4	179.9	0.00	116.49	3.76	3.49	0.66	117.11	0.62	146.7	2.78	16.9	24.6	19.5	1.60	5.15	5.78	2.64	81.14	1.0	1.0
P_Troghi	FO0065__	7313.4	179.8	0.07	116.63	3.90	2.94	0.68	117.07	0.44	147.5	2.16	24.6	24.6	27.4	1.53	6.11	6.11	2.23	76.69	1.0	1.0
P_Troghi	FO0066__	7519.7	178.7	4.31	115.28	4.77	3.65	0.74	115.96	0.68	147.8	2.27	19.7	19.7	22.3	1.66	4.89	4.89	2.20	76.31	1.0	1.0
P_Troghi	FO0067__	7735.2	150.5	31.23	114.73	5.27	2.32	0.50	114.91	0.28	178.7	3.05	22.0	40.2	23.6	1.97	7.62	10.68	3.23	83.99	1.0	1.0
P_Troghi	FO0068__	7864.2	147.2	23.63	114.53	5.27	2.07	0.43	114.73	0.22	197.2	3.70	17.3	20.1	22.2	2.30	7.32	7.32	3.30	76.63	1.0	1.0
P_Troghi	SE0001_A	7900.2	147.5	0.00	113.86	4.17	3.87	0.70	114.53	0.76	135.6	3.64	9.7	9.7	17.6	2.07	3.96	3.96	2.24	76.86	1.0	1.0
P_Troghi	SE0001_B	7901.2	147.5	0.00	113.58	3.90	4.38	0.66	114.45	0.98	132.7	4.43	9.7	9.7	18.5	2.05	3.47	3.47	1.88	113.18	1.0	1.0
P_Troghi	SE0001_C	7911.7	147.5	0.00	112.48	2.83	5.55	1.03	114.05	1.57	121.7	2.79	9.7	9.7	15.6	1.44	2.66	2.66	1.71	109.61	1.0	1.0
P_Troghi	SE0001_D	7912.7	147.5	0.00	112.47	4.43	3.70	0.66	113.09	0.70	142.0	3.95	9.6	9.6	18.0	2.19	4.12	4.12	2.30	77.44	1.0	1.0
P_Troghi	SE0002__	7926.8	151.8	-8.32	112.29	4.30	3.85	0.94	112.98	0.75	142.3	3.80	9.7	9.7	15.1	2.13	4.04	4.04	2.67	75.57	1.0	1.0
P_Troghi	SE0003_A	7935.5	156.8	-6.65	112.31	4.55	3.59	0.66	112.91	0.66	151.8	3.57	11.5	11.5	18.1	2.18	4.49	4.49	2.49	78.56	1.0	1.0
P_Troghi	SE0003_B	7936.5	156.7	0.00	111.71	3.95	4.65	0.64	112.76	1.10	142.9	5.34	9.5	9.5	19.4	2.07	3.40	3.40	1.77	111.05	1.0	1.0
P_Troghi	SE0003_C	7946.4	156.8	0.00	111.20	3.44	5.58	1.02	112.43	1.59	132.5	4.29	9.5	9.5	17.4	1.75	3.08	3.08	1.77	110.95	1.0	1.0
P_Troghi	SE0003_D	7947.4	157.1	-1.83	111.20	3.44	5.34	1.03	112.35	1.45	130.6	3.06	10.6	10.6	16.1	1.68	3.27	3.27	2.03	74.36	1.0	1.0
P_Troghi	SE0004_A	7948.8	157.1	0.00	111.22	3.64	5.30	1.01	112.18	1.43	131.1	3.19	10.8	10.8	16.5	1.77	3.48	3.48	2.11	75.27	1.0	1.0
P_Troghi	SE0004_D	7949.1	157.4	-0.71	111.44	4.45	3.93	0.65	112.05	0.79	147.3	3.77	11.0	11.0	18.2	2.15	4.25	4.25	2.34	77.91	1.0	1.0
P_Troghi	SE0005__	8021.3	157.4	-3.78	111.21	5.11	4.36	0.91	111.59	0.97	137.5	2.83	18.2	18.2	21.5	1.91	5.05	5.05	2.37	78.23	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	SE0006__	8048.3	157.4	1.97	111.21	5.22	3.65	0.78	111.46	0.68	152.9	3.04	20.0	20.0	23.2	1.97	6.10	6.10	2.63	81.05	1.0	1.0
P_Troghi	SE0007__	8148.4	157.0	0.00	111.24	6.03	1.58	0.29	111.29	0.13	297.8	3.39	41.7	46.1	49.9	2.19	13.00	13.00	3.04	85.04	1.0	1.0
P_Troghi	SE0008__	8205.0	156.5	0.00	111.23	6.57	1.43	0.25	111.27	0.10	337.2	3.93	34.5	39.2	43.8	2.40	13.53	13.53	3.43	88.59	1.0	1.0
P_Troghi	SE0009__	8304.1	156.0	0.00	111.22	5.51	2.40	0.58	111.24	0.29	219.9	3.48	29.1	29.1	32.5	2.07	10.17	10.17	3.12	85.80	1.0	1.0
P_Troghi	SE0010__	8357.8	155.7	0.94	111.22	7.23	0.97	0.17	111.23	0.05	537.3	4.73	42.1	44.1	45.7	2.67	20.02	20.02	4.38	96.07	1.0	1.0

Sfioratore	s [m³/s]	Sfioratore	s [m³/s]	Sfioratore	s [m³/s]	Sfioratore	s [m³/s]	Sfioratore	s [m³/s]	Sfioratore	s [m³/s]
DX-FO0023 -Bidi_Troghi	0.22	SX-FO0049_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.62	SX-FO0066 -Bidi_Troghi	0.00	SF028	0.00
DX-FO0023 -Bidi_Troghi	0.39	SX-FO0049_d-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.41	SX-FO0066 -Bidi_Troghi	0.00	SF027	0.00
SX-FO0023 -Bidi_Troghi	0.00	SX-FO0049_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.41	SX-FO0067 -Bidi_Troghi	1.11	SF026	0.00
SX-FO0023 -Bidi_Troghi	0.00	SX-FO0049_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.41	SX-FO0067 -Bidi_Troghi	1.11	SF025	0.00
DX-FO0023 -Bidi_Troghi	0.76	SX-FO0049_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.38	SX-FO0067 -Bidi_Troghi	1.11	SF024	0.00
DX-FO0024 -Bidi_Troghi	-0.51	SX-FO0050_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.35	SX-FO0067 -Bidi_Troghi	1.11	SF023	0.00
SX-FO0024 -Bidi_Troghi	0.00	SX-FO0050_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.38	SX-FO0067 -Bidi_Troghi	1.11	SF022	0.00
SX-FO0024 -Bidi_Troghi	0.00	DX-FO0049_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.36	SX-FO0067 -Bidi_Troghi	1.11	SF021	0.00
DX-FO0024 -Bidi_Troghi	-0.39	DX-FO0049_d-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.35	SX-FO0067 -Bidi_Troghi	1.11	SF020	0.00
DX-FO0024 -Bidi_Troghi	-0.38	DX-FO0049_d-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	-0.04	SX-FO0067 -Bidi_Troghi	1.11	SF019	0.00
DX-FO0024 -Bidi_Troghi	-0.37	DX-FO0049_d-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	0.51	SX-FO0067 -Bidi_Troghi	1.11	SF018	0.00
SX-FO0024 -Bidi_Troghi	0.00	DX-FO0049_d-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	0.51	SX-FO0067 -Bidi_Troghi	1.12	SF017	0.00
SX-FO0024 -Bidi_Troghi	0.00	DX-FO0050_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	0.51	SX-FO0067 -Bidi_Troghi	1.11	SF016	0.00
SX-FO0025_a-Bidi_Troghi	0.00	DX-FO0050_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	0.51	SX-FO0067 -Bidi_Troghi	1.12	SF015	0.00
DX-FO0025_a-Bidi_Troghi	2.41	DX-FO0050_d-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	-0.58	SX-FO0067 -Bidi_Troghi	1.12	SF014	0.00
DX-FO0025_d-Bidi_Troghi	-0.69	DX-FO0050_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	0.64	SX-FO0067 -Bidi_Troghi	1.12	SF013	0.00
DX-FO0025_d-Bidi_Troghi	-0.51	DX-FO0050_d-Bidi_Troghi	-0.99	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	1.01	SX-FO0068 -Bidi_Troghi	-2.06	SF012	0.00
SX-FO0025_d-Bidi_Troghi	0.00	SX-FO0050_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	-1.20	SX-FO0068 -Bidi_Troghi	-2.02	SF011	0.00
SX-FO0025_d-Bidi_Troghi	0.00	DX-FO0050_a-Bidi_Troghi	0.82	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	0.00	SX-FO0068 -Bidi_Troghi	-1.98	SF010	0.00
SX-FO0025_d-Bidi_Troghi	0.00	DX-FO0050_a-Bidi_Troghi	0.81	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	0.00	SX-FO0068 -Bidi_Troghi	-1.96	SF009	0.00
DX-FO0025_d-Bidi_Troghi	-0.34	DX-FO0050_a-Bidi_Troghi	0.81	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	0.00	SX-FO0068 -Bidi_Troghi	-1.94	SF008	0.00
DX-FO0026 -Bidi_Troghi	-2.79	DX-FO0050_a-Bidi_Troghi	0.81	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	0.00	SX-FO0068 -Bidi_Troghi	-1.92	SF007	0.00
SX-FO0025_d-Bidi_Troghi	0.00	DX-FO0050_d-Bidi_Troghi	-1.18	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_d-Bidi_Troghi	0.00	SX-FO0068 -Bidi_Troghi	-1.93	SF006	0.00
SX-FO0026 -Bidi_Troghi	0.00	DX-FO0050_d-Bidi_Troghi	-0.65	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_d-Bidi_Troghi	0.00	SX-SE0001_A-Bidi_Troghi	0.00	SF005	0.00
DX-FO0026 -Bidi_Troghi	-0.03	SX-FO0050_a-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_d-Bidi_Troghi	0.00	SX-SE0001_A-Bidi_Troghi	0.00	SF004	0.00
DX-FO0026 -Bidi_Troghi	-0.02	SX-FO0050_a-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_d-Bidi_Troghi	0.00	DX-FO0066 -Bidi_Troghi	0.41	SF003	0.00
DX-FO0026 -Bidi_Troghi	-0.02	SX-FO0050_a-Bidi_Troghi	0.10	SX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.34	DX-FO0066 -Bidi_Troghi	0.41	SF002	0.00
DX-FO0026 -Bidi_Troghi	-0.01	SX-FO0050_a-Bidi_Troghi	0.27	SX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.13	DX-FO0066 -Bidi_Troghi	0.41	SF174	0.00
SX-FO0026 -Bidi_Troghi	0.00	SX-FO0050_a-Bidi_Troghi	-0.07	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	-0.45	DX-FO0066 -Bidi_Troghi	0.52	SF001	0.00
SX-FO0026 -Bidi_Troghi	0.00	SX-FO0050_a-Bidi_Troghi	0.26	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	-0.45	DX-FO0067 -Bidi_Troghi	-0.71		
SX-FO0026 -Bidi_Troghi	0.00	SX-FO0050_a-Bidi_Troghi	2.94	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	-0.44	DX-FO0067 -Bidi_Troghi	-0.35		

Cassa	H [m]	V [m ³]	s [m ³ /s]
MONDO	0.00	0.76	0.00
bidi_troghi_1	0.72	146165.80	74.69

Portella	s [m ³ /s]
Par_01	14.77

STATO DI PROGETTO

Tabulati verifiche idrauliche $T_r = 500$ anni

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0001__	0.0	65.6	20.15	276.33	3.40	3.36	0.68	276.90	0.57	52.3	2.11	7.3	7.3	8.3	1.53	1.95	1.95	2.36	57.40	1.0	1.0
P_Troghi	FO0002__	42.1	61.2	-14.29	275.19	2.84	4.77	1.01	276.35	1.16	45.2	1.82	5.5	6.6	7.9	1.20	1.28	1.28	1.62	57.43	1.0	1.0
P_Troghi	FO0003_a	100.3	57.9	3.48	274.98	3.98	1.71	0.59	275.10	0.15	66.6	2.00	14.1	17.1	17.2	1.51	3.81	3.86	2.21	76.48	1.0	1.0
P_Troghi	FO0003_b	101.6	57.9	0.00	273.99	2.99	4.86	1.01	274.88	1.20	44.0	1.92	5.5	5.5	11.2	1.39	1.39	1.39	1.24	98.62	1.0	1.0
P_Troghi	FO0003_c	110.3	57.9	0.00	273.38	2.39	4.82	1.01	274.57	1.19	41.8	1.86	5.5	5.5	9.5	1.11	1.20	1.20	1.27	99.29	1.0	1.0
P_Troghi	FO0003_d	111.5	58.0	-0.22	273.35	2.37	4.27	1.01	274.29	0.93	39.3	1.60	7.3	8.8	9.5	1.04	1.36	1.37	1.42	66.02	1.0	1.0
P_Troghi	FO0004__	313.0	70.6	-13.84	269.78	3.03	2.56	0.61	270.10	0.33	48.9	1.54	14.9	14.9	16.1	1.11	2.81	2.81	1.74	70.58	1.0	1.0
P_Troghi	FO0005Aa	338.2	70.7	0.00	269.57	2.99	3.06	0.81	269.93	0.48	46.0	1.41	14.6	14.6	15.9	1.06	2.55	2.55	1.60	68.65	1.0	1.0
P_Troghi	FO0005_a	339.2	74.6	-1.40	269.26	2.67	3.63	1.01	269.90	0.67	46.6	1.13	14.1	14.1	15.4	0.94	2.10	2.10	1.37	65.11	1.0	1.0
P_Troghi	FO0005_b	339.8	74.6	-0.48	269.38	3.15	3.05	0.81	269.85	0.47	50.1	1.33	14.3	14.3	16.0	1.10	2.45	2.45	1.53	67.70	1.0	1.0
P_Troghi	FO0006__	397.2	55.4	22.41	269.11	3.86	2.68	0.97	269.33	0.37	50.3	2.16	9.8	9.8	11.4	1.58	2.48	2.48	2.18	63.66	1.0	1.0
P_Troghi	FO0007_a	417.4	37.8	19.71	269.10	4.08	2.14	0.60	269.27	0.23	45.3	3.22	5.6	9.3	8.0	1.88	2.03	2.74	2.55	69.20	1.0	1.0
P_Troghi	FO0007_b	418.6	37.9	0.00	268.69	3.72	3.33	0.79	269.17	0.56	35.4	9999.99	4.1	6.7	14.7	1.95	1.21	1.58	0.82	84.22	1.0	1.0
P_Troghi	FO0007_c	422.5	37.9	0.00	268.10	3.13	4.47	1.00	268.85	1.02	30.9	9999.99	4.1	6.7	14.7	1.67	0.97	1.19	0.77	84.25	1.0	1.0
P_Troghi	FO0007_d	423.4	38.3	-0.51	268.32	3.35	2.71	0.64	268.58	0.38	33.3	2.41	5.6	9.3	8.0	1.52	1.62	2.04	2.01	67.51	1.0	1.0
P_Troghi	FO0008__	463.3	68.6	-31.90	267.50	2.85	3.93	1.01	268.29	0.79	47.6	1.36	11.0	11.0	12.1	1.15	1.74	1.74	1.44	62.11	1.0	1.0
P_Troghi	FO0009__	491.5	72.2	-4.81	266.90	2.91	3.52	0.86	267.53	0.63	46.8	1.47	11.5	11.5	12.7	1.02	2.05	2.05	1.61	67.41	1.0	1.0
P_Troghi	FO0010__	587.8	76.0	-10.20	265.63	3.14	3.96	1.02	266.42	0.80	52.9	1.49	11.4	13.2	15.0	1.16	1.92	1.92	1.28	62.85	1.0	1.0
P_Troghi	FO0011Aa	649.4	75.7	0.00	264.82	2.79	3.28	0.88	265.31	0.55	49.9	1.45	15.3	15.3	16.6	1.08	2.41	2.41	1.45	66.44	1.0	1.0
P_Troghi	FO0011_a	650.4	76.2	-0.48	264.61	2.58	3.80	1.02	265.28	0.74	49.4	1.39	14.4	14.4	15.7	1.01	2.10	2.10	1.33	64.60	1.0	1.0
P_Troghi	FO0011_b	651.4	76.1	0.16	264.77	3.33	3.03	0.75	265.14	0.47	55.8	1.75	15.0	15.0	17.1	1.30	2.73	2.73	1.60	68.65	1.0	1.0
P_Troghi	FO0012__	726.2	78.0	-3.70	264.54	3.40	3.08	0.83	264.74	0.48	64.8	1.54	15.9	15.9	17.2	1.43	3.49	3.49	2.03	67.66	1.0	1.0
P_Troghi	FO0013_a	757.7	81.1	-2.75	264.54	3.65	2.74	0.66	264.70	0.38	74.3	1.93	14.0	18.9	16.3	1.65	3.78	4.41	2.33	72.97	1.0	1.0
P_Troghi	FO0013_b	758.7	81.2	0.00	264.30	3.41	3.53	0.73	264.67	0.63	66.1	1.92	11.2	16.0	36.0	1.94	2.47	2.54	1.68	109.16	1.0	1.0
P_Troghi	FO0013_c	760.9	81.2	0.00	264.15	3.26	3.53	0.75	264.58	0.63	64.0	1.91	11.2	16.0	36.0	1.87	2.30	2.30	1.67	108.93	1.0	1.0
P_Troghi	FO0013_d	761.9	81.3	-0.25	264.08	3.20	2.68	0.65	264.35	0.37	66.2	1.87	18.9	18.9	21.2	1.33	3.56	3.56	1.68	68.02	1.0	1.0
P_Troghi	FO0014Aa	824.3	81.7	0.00	263.89	3.44	3.39	1.01	264.12	0.59	72.6	1.45	15.4	15.4	16.9	1.44	3.83	3.83	2.27	72.19	1.0	1.0
P_Troghi	FO0014_a	825.3	81.4	0.34	263.93	3.48	3.45	1.01	264.16	0.61	73.9	1.46	15.4	15.4	16.9	1.46	3.89	3.89	2.30	72.30	1.0	1.0
P_Troghi	FO0014_b	826.4	80.3	2.50	264.03	4.14	3.48	1.01	264.19	0.62	92.3	1.78	15.4	15.4	17.1	1.74	4.50	4.50	2.63	75.77	1.0	1.0
P_Troghi	FO0015Aa	829.9	79.9	0.00	264.00	4.41	3.01	0.85	264.15	0.46	99.3	1.96	15.4	15.4	17.4	1.84	4.66	4.66	2.68	76.66	1.0	1.0
P_Troghi	FO0015_a	830.9	79.8	0.00	264.00	4.41	3.43	1.01	264.15	0.60	99.3	1.96	15.4	15.4	17.4	1.84	4.66	4.66	2.68	76.66	1.0	1.0
P_Troghi	FO0015_b	832.0	79.3	0.61	264.03	5.07	1.99	0.61	264.14	0.20	121.9	2.36	15.4	15.4	18.2	2.11	5.22	5.22	2.87	78.97	1.0	1.0
P_Troghi	FO0016_a	844.7	72.1	8.49	263.83	4.99	4.36	1.00	264.14	0.97	85.4	2.99	6.4	7.8	12.4	2.39	2.85	3.01	2.30	72.39	1.0	1.0
P_Troghi	FO0016_b	846.0	72.0	0.00	263.74	4.98	3.78	0.78	264.15	0.73	83.5	9999.99	6.2	6.2	24.0	2.79	2.32	2.32	1.58	106.85	1.0	1.0
P_Troghi	FO0016_c	855.5	71.7	0.00	263.29	4.53	3.65	0.85	263.89	0.68	77.0	2.94	6.2	6.2	24.0	2.57	2.04	2.04	1.58	106.83	1.0	1.0
P_Troghi	FO0016_d	856.5	71.6	0.15	263.33	4.57	3.41	0.77	263.69	0.59	76.2	3.16	6.0	7.4	13.1	2.22	2.57	2.66	1.97	72.15	1.0	1.0
P_Troghi	FO0017__	905.3	58.1	15.34	263.45	5.31	2.48	1.00	263.52	0.31	116.2	3.18	10.8	10.8	16.2	2.30	4.77	4.77	2.93	84.06	1.0	1.0
P_Troghi	FO0018_a	913.2	57.7	0.00	263.38	6.33	3.00	0.68	263.52	0.46	95.0	3.61	6.8	8.0	11.2	2.58	3.31	3.79	2.95	84.18	1.0	1.0
P_Troghi	FO0018_b	914.2	57.7	0.00	262.92	5.87	5.20	1.00	263.40	1.38	74.1	9999.99	4.8	8.8	18.5	3.33	1.73	2.24	0.97	90.89	1.0	1.0
P_Troghi	FO0018_c	920.1	57.5	0.00	261.77	4.72	5.19	1.00	262.99	1.37	61.4	9999.99	4.8	8.8	18.5	2.79	1.18	1.23	0.97	90.88	1.0	1.0
P_Troghi	FO0018_d	921.3	57.5	-0.35	261.24	4.19	3.32	0.64	261.61	0.56	49.0	2.98	5.9	5.9	13.0	1.73	1.96	1.96	1.50	67.26	1.0	1.0
P_Troghi	FO0019Aa	953.2	56.9	0.00	261.22	3.48	2.83	0.75	261.42	0.41	51.2	2.35	9.4	9.7	12.0	1.55	2.60	2.64	2.17	71.05	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0019_a	954.2	78.9	-3.74	260.36	2.62	4.40	1.01	261.34	0.98	55.8	1.78	9.1	9.4	11.7	1.14	1.80	1.81	1.54	67.75	1.0	1.0
P_Troghi	FO0019_b	955.3	79.1	-3.14	260.46	3.11	3.70	0.78	261.15	0.70	58.7	2.13	9.3	9.5	12.6	1.35	2.15	2.16	1.71	70.19	1.0	1.0
P_Troghi	FO0020Aa	1128.1	78.6	0.00	258.43	2.54	3.92	0.87	259.17	0.78	54.8	1.97	9.1	9.1	10.5	1.18	2.06	2.06	1.97	63.07	1.0	1.0
P_Troghi	FO0020_a	1129.1	79.2	-2.54	258.14	2.25	4.40	1.01	259.13	0.99	54.1	1.74	9.1	9.1	10.5	1.03	1.80	1.80	1.72	62.21	1.0	1.0
P_Troghi	FO0020_b	1129.6	79.2	0.00	257.43	4.69	1.37	0.26	257.50	0.10	135.0	2.58	20.1	20.1	23.7	2.01	6.26	6.26	2.65	77.27	1.0	1.0
P_Troghi	FO0021__	1137.5	81.6	-6.71	257.35	3.71	1.81	0.66	257.49	0.17	91.9	2.03	18.9	18.9	21.8	1.61	4.85	4.85	2.22	72.56	1.0	1.0
P_Troghi	FO0022__	1168.3	102.7	-19.85	256.70	3.60	3.49	0.89	257.31	0.62	77.5	1.80	16.5	16.5	19.1	1.39	2.95	2.95	1.54	66.05	1.0	1.0
P_Troghi	FO0023_a	1220.2	102.7	-1.92	256.14	3.99	3.54	0.75	256.78	0.64	80.3	1.90	12.3	24.3	14.5	1.49	2.90	3.79	2.00	73.98	1.0	1.0
P_Troghi	FO0023_b	1221.2	102.7	0.00	256.18	4.04	3.24	0.75	256.72	0.54	79.9	1.76	13.9	25.2	16.1	1.45	3.17	4.13	1.97	114.95	1.0	1.0
P_Troghi	FO0023_c	1232.0	102.6	0.00	256.13	4.04	3.25	0.81	256.67	0.54	79.8	1.73	13.9	25.2	16.1	1.45	3.16	4.12	1.96	114.88	1.0	1.0
P_Troghi	FO0023_d	1236.5	101.0	2.45	255.79	3.74	3.88	0.89	256.56	0.77	76.4	1.90	12.3	24.3	14.5	1.40	2.60	3.20	1.80	71.37	1.0	1.0
P_Troghi	FO0024__	1291.0	100.8	-2.07	255.51	4.47	3.16	0.65	256.02	0.51	84.9	2.29	12.1	18.7	15.2	1.64	3.19	3.79	2.09	75.07	1.0	1.0
P_Troghi	FO0025_a	1320.1	97.9	3.82	255.63	4.92	3.78	1.00	255.82	0.73	91.5	1.74	23.3	23.3	27.6	1.42	5.07	5.07	1.84	71.88	1.0	1.0
P_Troghi	FO0025_b	1321.1	97.9	0.00	254.94	4.28	4.23	1.00	255.65	0.91	74.1	4.75	18.3	18.3	33.3	1.56	2.62	2.62	1.20	97.43	1.0	1.0
P_Troghi	FO0025_c	1323.3	98.0	0.00	254.90	4.40	4.23	1.01	255.56	0.91	73.3	4.86	20.6	20.6	35.7	1.61	2.72	2.72	1.20	97.49	1.0	1.0
P_Troghi	FO0025_d	1324.4	99.0	-1.90	254.65	4.19	4.20	1.01	255.28	0.90	71.0	1.79	22.2	22.4	25.9	1.33	2.81	2.81	1.30	64.08	1.0	1.0
P_Troghi	FO0026__	1384.3	103.5	-5.64	253.81	4.59	4.74	1.01	254.34	1.15	89.0	2.12	9.0	9.0	11.6	1.90	2.96	2.96	2.56	80.29	1.0	1.0
P_Troghi	FO0027__	1448.7	99.8	20.72	254.10	5.49	3.93	1.01	254.18	0.79	145.4	1.95	16.0	16.0	18.3	2.19	6.20	6.20	3.39	77.64	1.0	1.0
P_Troghi	FO0028_a	1456.5	98.8	8.13	254.08	6.77	3.31	0.74	254.17	0.56	166.1	3.26	10.4	16.3	15.6	2.94	5.34	7.14	3.43	81.54	1.0	1.0
P_Troghi	FO0028_b	1457.5	98.8	0.00	253.60	6.30	5.93	1.01	254.14	1.79	113.3	5.23	14.6	14.6	30.6	3.23	2.75	2.75	1.33	100.83	1.0	1.0
P_Troghi	FO0028_c	1462.2	98.7	0.00	252.46	5.19	6.33	1.01	253.54	2.04	99.1	3.37	4.5	4.5	18.1	3.12	1.82	1.82	1.33	100.95	1.0	1.0
P_Troghi	FO0028_d	1463.2	99.1	-0.66	251.35	4.09	4.91	0.93	252.31	1.23	84.9	2.63	7.3	11.3	12.9	1.85	2.23	2.50	1.73	70.47	1.0	1.0
P_Troghi	FO0029__	1471.9	99.7	-2.49	251.43	4.23	4.11	0.82	252.13	0.86	85.5	2.40	9.5	9.5	14.4	1.84	2.65	2.65	1.83	71.80	1.0	1.0
P_Troghi	FO0030__	1513.9	110.8	-16.86	250.65	3.74	4.52	0.93	251.65	1.04	87.2	2.07	9.9	12.0	12.4	1.50	2.50	2.68	2.01	72.83	1.0	1.0
P_Troghi	FO0031__	1564.3	112.5	-10.73	250.55	3.99	3.27	0.77	251.03	0.55	86.8	1.95	14.3	14.3	16.2	1.45	3.56	3.56	2.19	75.41	1.0	1.0
P_Troghi	FO0032_a	1575.4	112.6	-2.54	250.48	4.17	3.43	0.92	250.95	0.60	90.8	1.56	16.3	16.3	18.4	1.51	3.71	3.71	2.02	66.55	1.0	1.0
P_Troghi	FO0032_b	1576.5	112.4	0.00	250.48	4.17	3.42	1.00	250.93	0.60	101.3	9999.99	15.9	15.9	29.4	1.78	3.78	3.78	1.29	91.25	1.0	1.0
P_Troghi	FO0032_c	1578.5	112.3	0.00	250.50	4.23	3.33	1.00	250.93	0.56	101.1	9999.99	15.9	15.9	29.4	1.77	3.84	3.84	1.30	90.86	1.0	1.0
P_Troghi	FO0032_d	1579.5	111.6	0.99	250.51	4.24	3.68	1.00	250.89	0.69	100.8	2.30	12.3	16.2	17.9	1.71	4.08	4.08	2.28	60.60	1.0	1.0
P_Troghi	FO0033_a	1606.2	106.5	6.11	249.38	3.40	4.87	1.01	250.59	1.21	83.5	1.88	9.1	9.1	10.0	1.40	2.19	2.19	2.19	58.27	1.0	1.0
P_Troghi	FO0033Ab	1607.2	106.5	0.00	248.97	2.74	3.69	0.86	249.65	0.69	71.8	1.54	14.9	14.9	15.7	1.10	2.91	2.91	1.85	57.70	1.0	1.0
P_Troghi	FO0033_b	1608.2	106.5	0.00	248.75	2.52	4.13	1.01	249.61	0.87	70.3	1.35	14.9	14.9	15.7	0.99	2.58	2.58	1.64	56.99	1.0	1.0
P_Troghi	FO0033_c	1610.8	106.5	-0.07	247.34	3.55	2.34	0.51	247.59	0.28	83.6	1.83	20.8	21.2	22.9	1.30	4.67	4.67	2.05	74.55	1.0	1.0
P_Troghi	FO0034__	1641.2	110.8	-9.72	246.78	3.41	3.64	1.01	247.38	0.67	72.5	1.31	18.9	18.9	20.4	1.05	3.23	3.23	1.59	68.49	1.0	1.0
P_Troghi	FO0035__	1711.7	139.4	0.00	246.80	4.23	1.85	0.49	246.97	0.17	128.9	1.66	35.5	35.5	37.4	1.35	7.59	7.59	2.03	74.33	1.0	1.0
P_Troghi	FO0036__	1749.1	111.0	30.83	246.36	3.94	3.24	0.76	246.80	0.53	87.5	2.05	15.1	15.1	17.0	1.45	3.77	3.77	2.21	76.47	1.0	1.0
P_Troghi	FO0037__	1796.6	131.3	-25.71	245.32	3.47	4.66	1.01	246.42	1.11	97.4	1.80	12.8	12.8	15.1	1.24	2.82	2.82	1.86	72.20	1.0	1.0
P_Troghi	FO0038__	1853.5	131.9	6.27	244.44	3.14	4.19	1.01	245.33	0.89	90.6	1.44	17.7	17.7	19.7	1.09	3.15	3.15	1.60	68.63	1.0	1.0
P_Troghi	FO0039__	1934.7	113.1	19.06	244.28	3.63	2.00	0.71	244.47	0.20	100.6	1.85	24.6	24.6	26.0	1.33	5.92	5.92	2.28	77.27	1.0	1.0
P_Troghi	FO0040_a	2016.6	113.2	-4.25	244.02	4.42	2.47	0.64	244.28	0.31	109.9	2.29	17.3	17.3	19.9	1.66	5.07	5.07	2.55	74.81	1.0	1.0
P_Troghi	FO0040_b	2017.6	113.2	0.00	243.77	4.17	3.71	0.90	244.21	0.70	100.3	4.53	19.6	19.6	52.6	1.72	3.85	3.85	0.99	91.54	1.0	1.0
P_Troghi	FO0040_c	2019.4	113.3	0.00	243.37	3.78	3.89	0.93	244.05	0.77	90.1	4.57	19.7	19.7	52.9	1.55	3.10	3.10	1.00	91.64	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0040_d	2020.4	114.1	-2.26	243.39	3.80	3.93	0.93	243.99	0.79	86.5	1.84	14.0	14.0	16.8	1.40	3.31	3.31	1.97	72.79	1.0	1.0
P_Troghi	FO0041__	2056.5	135.9	-22.06	242.32	3.12	4.80	1.01	243.50	1.17	100.5	1.86	12.1	15.7	16.8	1.20	2.83	2.83	1.69	55.94	1.0	1.0
P_Troghi	FO0042Aa	2135.9	135.5	0.00	241.42	2.92	3.50	1.00	241.93	0.62	88.9	1.34	30.5	30.5	31.8	1.06	4.28	4.28	1.40	65.67	1.0	1.0
P_Troghi	FO0042_a	2136.9	136.0	-1.03	241.18	2.68	3.76	1.01	241.90	0.72	87.1	1.28	25.2	25.2	26.5	0.97	3.62	3.62	1.37	65.15	1.0	1.0
P_Troghi	FO0042_b	2138.0	137.9	-2.40	237.28	3.28	5.46	1.01	238.80	1.52	117.0	2.42	8.3	8.3	13.8	1.59	2.53	2.53	1.84	71.88	1.0	1.0
P_Troghi	FO0043__	2228.9	137.2	-2.27	236.34	5.54	3.78	1.01	236.55	0.73	167.5	1.89	18.9	18.9	23.5	2.09	6.72	6.72	2.85	83.27	1.0	1.0
P_Troghi	FO0044_a	2285.6	140.5	-4.14	236.10	5.94	3.27	0.59	236.41	0.55	193.7	3.45	9.6	10.1	20.2	2.88	5.53	5.55	2.73	82.10	1.0	1.0
P_Troghi	FO0044_b	2286.7	140.5	0.00	234.49	4.33	6.41	1.01	236.20	2.10	145.6	2.72	8.9	8.9	21.2	2.73	2.37	2.37	1.40	102.67	1.0	1.0
P_Troghi	FO0044_c	2290.9	140.5	0.00	234.38	4.42	6.25	1.01	235.94	1.99	144.0	2.63	8.9	8.9	21.4	2.69	2.47	2.47	1.46	104.00	1.0	1.0
P_Troghi	FO0044_d	2291.9	140.5	-0.28	233.00	3.04	5.25	1.01	234.41	1.40	113.0	2.24	9.6	9.6	14.6	1.41	2.68	2.68	1.84	71.90	1.0	1.0
P_Troghi	FO0045__	2338.1	140.5	-2.79	232.12	3.37	4.56	1.01	233.18	1.06	104.1	1.72	14.7	14.7	17.9	1.26	3.09	3.09	1.73	70.44	1.0	1.0
P_Troghi	FO0046__	2376.4	140.3	-0.05	231.36	3.57	4.10	0.86	232.21	0.86	105.7	1.96	14.2	14.2	17.8	1.38	3.44	3.44	1.93	73.05	1.0	1.0
P_Troghi	FO0047Aa	2601.1	139.7	0.00	228.56	3.72	4.37	0.88	229.50	0.97	113.0	2.21	12.6	12.6	16.1	1.59	3.26	3.26	2.03	74.25	1.0	1.0
P_Troghi	FO0047_a	2602.1	139.7	0.00	228.25	3.41	4.88	1.01	229.45	1.21	111.5	2.06	11.9	11.9	15.1	1.47	2.88	2.88	1.91	72.82	1.0	1.0
P_Troghi	FO0047_b	2603.1	139.7	0.00	226.97	3.75	5.29	1.01	228.38	1.43	118.4	2.41	9.3	9.3	14.1	1.64	2.66	2.66	1.89	72.59	1.0	1.0
P_Troghi	FO0048_a	2638.6	140.0	0.00	226.86	4.12	3.28	1.01	227.26	0.55	112.0	1.97	20.2	20.2	22.8	1.44	5.02	5.02	2.20	76.37	1.0	1.0
P_Troghi	FO0048_b	2655.6	140.1	0.00	226.75	4.66	2.92	1.00	227.19	0.43	142.8	3.56	11.5	11.5	19.5	2.11	4.80	4.80	2.45	123.73	1.0	1.0
P_Troghi	FO0048_c	2664.2	140.1	0.00	226.66	4.85	3.07	0.49	227.14	0.48	141.3	3.39	11.5	11.5	19.0	2.14	4.56	4.56	2.41	122.93	1.0	1.0
P_Troghi	FO0048_d	2678.4	140.1	0.00	226.09	4.53	4.08	0.90	226.91	0.85	116.3	2.35	14.8	14.8	20.3	1.69	3.49	3.49	1.72	70.35	1.0	1.0
P_Troghi	FO0049_a	2771.2	139.9	0.00	224.26	3.24	4.90	1.01	225.47	1.22	108.6	1.93	11.7	11.7	17.4	1.36	2.87	2.87	1.65	69.38	1.0	1.0
P_Troghi	FO0049_b	2772.2	139.9	0.00	223.84	3.67	5.75	0.98	225.20	1.69	124.9	4.20	7.8	7.8	17.0	1.93	2.68	2.68	1.63	107.87	1.0	1.0
P_Troghi	FO0049_c	2775.9	139.9	0.00	223.46	3.34	5.64	0.89	225.02	1.62	121.9	4.13	7.8	7.8	15.3	1.70	2.51	2.51	1.64	108.26	1.0	1.0
P_Troghi	FO0049_d	2784.5	139.9	0.00	223.83	3.83	3.17	0.93	224.34	0.51	89.5	1.18	31.3	31.3	35.1	1.00	4.45	4.45	1.27	63.52	1.0	1.0
P_Troghi	FO0050_a	2975.4	118.0	35.32	221.57	4.25	3.02	0.62	222.04	0.46	111.2	2.90	11.3	11.3	12.7	1.92	3.91	3.91	3.08	71.18	1.0	1.0
P_Troghi	FO0050_b	2979.1	117.9	0.00	221.54	4.22	3.39	1.00	222.01	0.59	121.4	9999.99	14.2	14.2	29.1	2.19	3.88	3.88	1.33	95.80	1.0	1.0
P_Troghi	FO0050_c	2984.3	117.8	0.00	221.43	4.38	3.98	1.01	221.94	0.81	119.5	1.67	14.3	14.3	28.8	2.18	3.75	3.75	1.30	95.44	1.0	1.0
P_Troghi	FO0050_d	2987.4	121.0	-5.50	220.49	3.88	4.81	1.01	221.67	1.18	98.5	1.81	10.5	10.5	12.6	1.56	2.52	2.52	1.99	66.24	1.0	1.0
P_Troghi	FO0050Ad	3235.3	153.2	-35.06	210.56	4.29	5.20	1.02	211.94	1.38	133.1	2.09	10.5	10.5	12.6	1.76	2.95	2.95	2.33	67.39	1.0	1.0
P_Troghi	FO0050Bd	3483.2	148.1	1.03	200.16	4.23	5.18	1.01	201.51	1.37	127.5	2.09	10.5	10.5	12.6	1.73	2.88	2.88	2.28	67.21	1.0	1.0
P_Troghi	FO0050Cd	3731.1	181.2	0.06	190.18	4.59	5.55	1.01	191.75	1.57	164.9	2.41	10.5	10.5	12.6	1.91	3.27	3.27	2.58	68.25	1.0	1.0
P_Troghi	FO0051Aa	3979.1	183.4	0.00	179.83	4.59	5.32	1.01	181.27	1.44	159.0	2.33	12.0	12.0	16.6	1.73	3.45	3.45	2.07	74.84	1.0	1.0
P_Troghi	FO0051Ba	4227.0	185.1	0.00	169.51	4.61	5.33	1.01	170.96	1.45	160.9	2.34	12.1	12.1	16.7	1.74	3.47	3.47	2.08	74.94	1.0	1.0
P_Troghi	FO0051Ca	4474.9	184.6	0.00	159.16	4.60	5.33	1.01	160.61	1.45	160.4	2.34	12.1	12.1	16.2	1.73	3.46	3.46	2.23	76.75	1.0	1.0
P_Troghi	FO0051_a	4722.8	126.5	63.43	152.32	8.10	2.14	0.54	152.39	0.23	280.0	5.65	13.0	13.0	19.3	3.33	7.96	7.96	4.12	87.24	1.0	1.0
P_Troghi	FO0051_b	4723.8	126.5	0.00	151.84	7.62	5.86	1.49	152.31	1.75	212.8	9999.99	14.2	14.2	31.7	4.41	3.99	3.99	1.29	99.96	1.0	1.0
P_Troghi	FO0051_c	4729.8	126.3	0.00	150.93	6.71	5.58	1.33	151.93	1.58	173.5	9999.99	14.2	14.2	31.1	4.09	2.85	2.85	1.49	104.73	1.0	1.0
P_Troghi	FO0051_d	4730.8	126.5	-2.39	150.08	5.86	3.76	1.00	150.39	0.72	147.6	3.48	13.3	13.3	17.0	2.26	5.13	5.13	3.01	80.93	1.0	1.0
P_Troghi	FO0052_a	4773.4	95.1	40.00	150.19	6.63	1.61	0.51	150.26	0.13	244.9	4.34	17.5	17.5	19.9	2.84	8.22	8.22	4.14	78.18	1.0	1.0
P_Troghi	FO0052_b	4774.4	95.0	0.00	149.87	6.31	5.04	1.41	150.17	1.30	159.1	9999.99	12.7	12.7	28.2	3.84	3.60	3.60	1.28	93.59	1.0	1.0
P_Troghi	FO0052_c	4785.8	94.6	0.00	148.82	5.28	5.10	1.34	149.71	1.33	116.5	9999.99	12.7	12.7	28.2	3.36	2.27	2.27	1.06	93.59	1.0	1.0
P_Troghi	FO0052_d	4786.8	96.4	-11.58	146.55	3.00	4.37	1.03	147.51	0.97	69.2	1.79	11.4	11.4	13.3	1.19	2.22	2.22	1.66	69.55	1.0	1.0
P_Troghi	FO0053Aa	4930.2	92.8	0.00	144.65	2.59	2.70	0.83	144.88	0.37	59.5	1.31	27.6	27.6	28.8	0.91	4.33	4.33	1.50	67.23	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	FO0053_a	4931.2	109.7	-17.68	144.22	2.16	3.45	1.03	144.83	0.61	61.7	1.05	26.1	26.1	27.1	0.73	3.18	3.18	1.17	61.90	1.0	1.0
P_Troghi	FO0053_b	4936.2	140.0	-36.03	142.81	3.61	4.64	0.81	143.91	1.10	119.6	3.09	8.9	8.9	15.2	1.77	3.02	3.02	1.99	73.84	1.0	1.0
P_Troghi	FO0054__	5059.0	183.3	-34.92	141.81	3.85	3.75	0.90	142.52	0.72	134.5	1.74	27.4	27.4	29.2	1.32	4.91	4.91	1.69	69.85	1.0	1.0
P_Troghi	FO0055__	5529.8	173.4	19.43	139.26	7.28	2.22	0.43	139.43	0.25	323.5	4.78	14.6	14.6	16.9	3.31	8.85	8.85	5.22	84.20	1.0	1.0
P_Troghi	FO0056_a	5548.5	159.6	18.33	139.27	7.60	2.21	0.41	139.42	0.25	316.1	4.93	13.8	14.6	16.6	3.38	8.62	8.92	5.19	84.76	1.0	1.0
P_Troghi	FO0056_b	5549.5	159.7	0.00	138.43	6.83	5.02	0.85	139.38	1.29	213.5	9999.99	12.2	12.2	35.0	4.45	3.36	3.36	1.68	109.06	1.0	1.0
P_Troghi	FO0056_c	5556.1	159.7	0.00	137.91	6.15	5.07	0.38	139.00	1.31	194.4	9999.99	8.2	8.2	22.3	3.99	3.15	3.15	1.72	109.85	1.0	1.0
P_Troghi	FO0056_d	5560.3	151.5	14.96	137.91	6.15	1.70	0.34	138.06	0.15	254.5	4.07	19.2	19.2	23.2	2.56	8.92	8.92	3.85	89.04	1.0	1.0
P_Troghi	FO0057Aa	5583.0	150.6	0.00	136.25	4.49	5.59	0.89	137.84	1.59	141.8	3.70	6.6	13.7	10.1	2.08	2.70	3.91	2.68	81.58	1.0	1.0
P_Troghi	FO0057_a	5584.0	150.6	0.00	135.87	4.11	6.18	1.02	137.79	1.94	140.7	3.34	6.6	13.5	10.1	1.89	2.45	3.39	2.43	78.96	1.0	1.0
P_Troghi	FO0057_b	5584.6	150.6	0.00	134.55	3.57	5.86	1.02	136.28	1.75	134.4	3.01	7.7	11.0	13.2	1.74	2.59	2.66	1.95	73.41	1.0	1.0
P_Troghi	FO0057Ac	5586.7	150.5	0.00	134.60	3.70	4.81	0.88	135.77	1.18	127.0	2.81	10.0	12.5	14.5	1.70	3.14	3.21	2.17	75.98	1.0	1.0
P_Troghi	FO0057_c	5587.7	150.5	0.00	134.29	3.39	5.36	1.02	135.74	1.47	125.9	2.56	10.0	11.0	14.5	1.56	2.82	2.84	1.95	73.34	1.0	1.0
P_Troghi	FO0057_d	5588.5	150.7	-0.28	133.19	3.60	5.76	1.02	134.87	1.69	133.2	2.90	8.1	12.6	13.4	1.72	2.63	3.04	1.97	73.60	1.0	1.0
P_Troghi	FO0058__	5747.5	179.7	-36.64	131.89	4.27	2.59	0.64	132.20	0.34	141.8	1.79	31.4	31.4	33.0	1.37	7.09	7.09	2.15	75.74	1.0	1.0
P_Troghi	FO0059__	6012.9	214.2	-42.74	129.92	4.22	5.00	1.02	131.19	1.27	175.3	1.99	17.4	17.4	19.8	1.55	4.29	4.29	2.17	75.96	1.0	1.0
P_Troghi	FO0060_a	6139.4	214.8	-2.19	129.06	4.34	3.01	0.64	129.52	0.46	174.6	2.13	31.1	31.1	33.6	1.52	7.13	7.13	2.12	75.42	1.0	1.0
P_Troghi	FO0060_b	6143.6	214.8	0.00	129.04	4.31	2.96	0.61	129.49	0.45	174.2	2.06	28.2	28.2	38.8	1.51	7.27	7.27	1.87	113.06	1.0	1.0
P_Troghi	FO0060_c	6155.1	214.8	0.00	128.35	3.87	4.11	1.00	129.22	0.86	153.3	1.71	28.2	28.2	37.3	1.21	5.23	5.23	1.40	102.65	1.0	1.0
P_Troghi	FO0060_d	6156.2	214.7	0.11	128.39	3.95	3.86	0.91	129.15	0.76	153.1	1.58	30.5	30.5	32.9	1.23	5.57	5.57	1.69	69.99	1.0	1.0
P_Troghi	FO0061__	6265.2	211.4	8.60	127.16	3.40	3.60	0.83	127.82	0.66	149.3	1.61	30.8	30.8	31.7	1.22	5.87	5.87	1.85	71.49	1.0	1.0
P_Troghi	FO0061A__	6266.2	211.4	0.00	127.12	3.36	3.68	0.86	127.81	0.69	148.3	1.58	30.8	30.8	31.7	1.20	5.75	5.75	1.81	71.37	1.0	1.0
P_Troghi	FO0062__	6687.0	200.5	11.81	123.36	4.72	3.30	0.67	123.89	0.56	165.2	2.18	24.5	24.5	27.7	1.60	6.18	6.18	2.23	76.71	1.0	1.0
P_Troghi	FO0063__	6787.0	212.4	11.77	122.14	3.93	4.55	0.97	123.19	1.05	158.6	1.86	20.8	51.9	23.1	1.29	4.67	7.96	2.03	74.21	1.0	1.0
P_Troghi	FO0064__	7068.4	217.3	-1.82	118.76	3.89	3.92	0.79	119.55	0.79	164.8	1.97	22.2	23.9	24.8	1.41	5.54	5.59	2.23	76.67	1.0	1.0
P_Troghi	FO0065__	7312.4	216.2	0.00	116.76	4.03	3.86	0.68	117.52	0.76	182.3	2.78	17.0	24.7	19.7	1.73	5.61	6.45	2.85	82.61	1.0	1.0
P_Troghi	FO0065__	7313.4	215.9	0.58	116.96	4.23	3.11	0.68	117.45	0.49	185.8	2.16	24.7	24.7	27.5	1.69	6.94	6.94	2.53	77.83	1.0	1.0
P_Troghi	FO0066__	7519.7	210.2	5.02	115.73	5.22	3.78	0.74	116.35	0.73	180.3	2.27	20.5	21.4	23.2	1.82	5.79	5.79	2.50	79.67	1.0	1.0
P_Troghi	FO0067__	7735.2	176.3	38.60	115.34	5.88	2.34	0.50	115.53	0.28	237.8	3.05	22.0	40.2	23.6	2.28	8.97	13.15	3.80	85.62	1.0	1.0
P_Troghi	FO0068__	7864.2	170.2	25.48	115.18	5.92	2.07	0.43	115.37	0.22	259.1	3.70	17.3	20.1	22.2	2.62	8.63	8.63	3.89	78.46	1.0	1.0
P_Troghi	SE0001_A	7900.2	177.0	-9.38	114.46	4.77	4.00	0.70	115.19	0.81	175.0	3.64	9.7	9.7	18.8	2.36	4.53	4.53	2.41	78.70	1.0	1.0
P_Troghi	SE0001_B	7901.2	177.0	0.00	114.04	4.36	5.05	0.69	115.08	1.30	168.8	4.43	9.7	9.7	20.0	2.35	3.74	3.74	1.88	113.20	1.0	1.0
P_Troghi	SE0001_C	7911.7	177.0	0.00	112.93	3.28	5.98	1.04	114.67	1.82	156.6	2.79	9.7	9.7	16.7	1.69	3.03	3.03	1.81	111.84	1.0	1.0
P_Troghi	SE0001_D	7912.7	177.0	0.00	113.31	5.27	4.00	0.67	113.93	0.81	189.2	3.95	9.6	9.6	19.6	2.60	4.93	4.93	2.51	79.78	1.0	1.0
P_Troghi	SE0002__	7926.8	177.6	-7.63	113.23	5.24	4.10	0.94	113.85	0.86	189.5	3.80	9.7	9.7	15.1	2.60	4.95	4.95	3.27	77.78	1.0	1.0
P_Troghi	SE0003_A	7935.5	177.9	-6.66	113.31	5.55	3.70	0.68	113.78	0.70	204.4	3.57	11.5	11.5	18.1	2.68	5.64	5.64	3.12	80.81	1.0	1.0
P_Troghi	SE0003_B	7936.5	178.0	0.00	112.63	4.87	6.07	1.01	113.77	1.88	186.3	5.34	9.5	9.5	25.0	2.85	3.63	3.63	1.77	111.05	1.0	1.0
P_Troghi	SE0003_C	7946.4	178.9	0.00	111.82	4.06	6.08	1.01	113.07	1.88	163.0	4.29	9.5	9.5	19.9	2.15	3.46	3.46	1.77	111.04	1.0	1.0
P_Troghi	SE0003_D	7947.4	180.2	-3.27	111.25	3.49	5.58	1.04	112.75	1.59	156.1	3.06	10.7	10.7	16.2	1.70	3.31	3.31	2.05	74.56	1.0	1.0
P_Troghi	SE0004_A	7948.8	180.2	0.00	111.38	3.80	5.58	1.04	112.59	1.59	156.5	3.19	11.0	11.0	16.9	1.84	3.65	3.65	2.16	75.94	1.0	1.0
P_Troghi	SE0004_D	7949.1	180.6	-1.00	111.65	4.66	4.11	0.68	112.47	0.86	174.3	3.77	11.2	11.2	18.7	2.24	4.49	4.49	2.40	78.67	1.0	1.0
P_Troghi	SE0005__	8021.3	194.3	-15.07	111.27	5.16	4.83	0.99	111.85	1.19	165.8	2.83	18.6	18.6	21.9	1.93	5.15	5.15	2.36	78.22	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
P_Troghi	SE0006__	8048.3	194.1	2.45	111.28	5.29	4.04	0.82	111.66	0.83	174.1	3.04	20.2	20.2	23.5	1.99	6.24	6.24	2.66	81.34	1.0	1.0
P_Troghi	SE0007__	8148.4	193.4	0.00	111.35	6.14	1.76	0.31	111.43	0.16	320.6	3.39	46.0	48.5	52.3	2.21	13.50	13.50	3.03	84.99	1.0	1.0
P_Troghi	SE0008__	8205.0	193.2	0.00	111.32	6.66	1.62	0.28	111.39	0.13	358.5	3.93	35.6	40.8	45.5	2.43	13.90	13.90	3.44	88.60	1.0	1.0
P_Troghi	SE0009__	8304.1	192.9	0.00	111.26	5.55	2.62	0.62	111.32	0.35	234.7	3.48	29.2	29.2	32.7	2.09	10.29	10.29	3.15	86.05	1.0	1.0
P_Troghi	SE0010__	8357.8	192.8	0.46	111.26	7.27	1.12	0.19	111.29	0.06	552.8	4.73	42.1	52.6	45.8	2.68	20.19	20.23	4.41	96.31	1.0	1.0

Sfioratore	s [m³/s]	Sfioratore	s [m³/s]	Sfioratore	s [m³/s]	Sfioratore	s [m³/s]	Sfioratore	s [m³/s]	Sfioratore	s [m³/s]
DX-FO0023 -Bidi_Troghi	0.53	SX-FO0049_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.95	SX-FO0066 -Bidi_Troghi	0.00	SF028	0.00
DX-FO0023 -Bidi_Troghi	0.79	SX-FO0049_d-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.59	SX-FO0066 -Bidi_Troghi	0.00	SF027	0.00
SX-FO0023 -Bidi_Troghi	0.00	SX-FO0049_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.61	SX-FO0067 -Bidi_Troghi	1.42	SF026	0.00
SX-FO0023 -Bidi_Troghi	0.00	SX-FO0049_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.58	SX-FO0067 -Bidi_Troghi	1.39	SF025	0.00
DX-FO0023 -Bidi_Troghi	1.28	SX-FO0049_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.55	SX-FO0067 -Bidi_Troghi	1.37	SF024	0.00
DX-FO0024 -Bidi_Troghi	-0.89	SX-FO0050_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.52	SX-FO0067 -Bidi_Troghi	1.36	SF023	0.00
SX-FO0024 -Bidi_Troghi	0.00	SX-FO0050_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.54	SX-FO0067 -Bidi_Troghi	1.35	SF022	0.00
SX-FO0024 -Bidi_Troghi	0.00	DX-FO0049_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.53	SX-FO0067 -Bidi_Troghi	1.35	SF021	0.00
DX-FO0024 -Bidi_Troghi	-0.49	DX-FO0049_d-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.52	SX-FO0067 -Bidi_Troghi	1.36	SF020	0.00
DX-FO0024 -Bidi_Troghi	-0.41	DX-FO0049_d-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	-0.10	SX-FO0067 -Bidi_Troghi	1.34	SF019	0.00
DX-FO0024 -Bidi_Troghi	-0.37	DX-FO0049_d-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	0.58	SX-FO0067 -Bidi_Troghi	1.35	SF018	0.00
SX-FO0024 -Bidi_Troghi	0.00	DX-FO0049_d-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	0.58	SX-FO0067 -Bidi_Troghi	1.36	SF017	0.00
SX-FO0024 -Bidi_Troghi	0.00	DX-FO0050_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	0.58	SX-FO0067 -Bidi_Troghi	1.35	SF016	0.00
SX-FO0025 a-Bidi_Troghi	0.00	DX-FO0050_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	0.58	SX-FO0067 -Bidi_Troghi	1.36	SF015	0.00
DX-FO0025 a-Bidi_Troghi	3.82	DX-FO0050_d-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	-0.61	SX-FO0067 -Bidi_Troghi	1.35	SF014	0.00
DX-FO0025_d-Bidi_Troghi	-0.99	DX-FO0050_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	1.01	SX-FO0067 -Bidi_Troghi	1.36	SF013	0.00
DX-FO0025_d-Bidi_Troghi	-0.65	DX-FO0050_d-Bidi_Troghi	-1.00	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0059 -Bidi_Troghi	1.27	SX-FO0068 -Bidi_Troghi	-2.69	SF012	0.00
SX-FO0025_d-Bidi_Troghi	0.00	SX-FO0050_d-Bidi_Troghi	0.00	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	-2.19	SX-FO0068 -Bidi_Troghi	-2.66	SF011	0.00
SX-FO0025_d-Bidi_Troghi	0.00	DX-FO0050_a-Bidi_Troghi	1.01	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	0.00	SX-FO0068 -Bidi_Troghi	-2.63	SF010	0.00
SX-FO0025_d-Bidi_Troghi	0.00	DX-FO0050_a-Bidi_Troghi	1.00	DX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	0.00	SX-FO0068 -Bidi_Troghi	-2.60	SF009	0.00
DX-FO0025_d-Bidi_Troghi	-0.45	DX-FO0050_a-Bidi_Troghi	1.00	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	0.00	SX-FO0068 -Bidi_Troghi	-2.57	SF008	0.00
DX-FO0026 -Bidi_Troghi	-4.98	DX-FO0050_a-Bidi_Troghi	1.01	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	0.00	SX-FO0068 -Bidi_Troghi	-2.54	SF007	0.00
SX-FO0025_d-Bidi_Troghi	0.00	DX-FO0050_d-Bidi_Troghi	-1.25	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_d-Bidi_Troghi	0.02	SX-FO0068 -Bidi_Troghi	-2.55	SF006	0.00
SX-FO0026 -Bidi_Troghi	0.00	DX-FO0050_d-Bidi_Troghi	-0.82	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_d-Bidi_Troghi	0.02	SX-SE0001_A-Bidi_Troghi	-3.79	SF005	0.00
DX-FO0026 -Bidi_Troghi	-0.52	SX-FO0050_a-Bidi_Troghi	0.00	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_d-Bidi_Troghi	0.02	SX-SE0001_A-Bidi_Troghi	-3.77	SF004	0.00
DX-FO0026 -Bidi_Troghi	-0.35	SX-FO0050_a-Bidi_Troghi	-0.06	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_d-Bidi_Troghi	0.02	DX-FO0066 -Bidi_Troghi	0.47	SF003	0.00
DX-FO0026 -Bidi_Troghi	-0.26	SX-FO0050_a-Bidi_Troghi	0.17	SX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.51	DX-FO0066 -Bidi_Troghi	0.47	SF002	0.00
DX-FO0026 -Bidi_Troghi	-0.28	SX-FO0050_a-Bidi_Troghi	0.39	SX-FO0051Ca-Bidi_Troghi	0.00	SX-FO0059 -Bidi_Troghi	-0.12	DX-FO0066 -Bidi_Troghi	0.47	SF174	0.00
SX-FO0026 -Bidi_Troghi	0.00	SX-FO0050_a-Bidi_Troghi	-0.13	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	-0.49	DX-FO0066 -Bidi_Troghi	1.32	SF001	0.00
SX-FO0026 -Bidi_Troghi	0.00	SX-FO0050_a-Bidi_Troghi	0.38	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	-0.47	DX-FO0067 -Bidi_Troghi	-2.28		
SX-FO0026 -Bidi_Troghi	0.00	SX-FO0050_a-Bidi_Troghi	2.93	SX-FO0051Ca-Bidi_Troghi	0.00	DX-FO0060_a-Bidi_Troghi	-0.47	DX-FO0067 -Bidi_Troghi	-1.15		

Cassa	H [m]	V [m ³]	s [m ³ /s]
MONDO	0.12	12144.82	8.80
bidi_troghi_1	0.80	225770.00	112.44

Portella	s [m ³ /s]
Par_01	21.10

LEGENDA		
Simbolo	Descrizione	S.I.
P	<i>progressiva da monte</i>	[m]
q	<i>portata</i>	[m ³ /s]
s	<i>portata sfiorata</i>	[m ³ /s]
h	<i>livello idrometrico</i>	[m]
y	<i>altezza d'acqua</i>	[m]
V	<i>velocità media</i>	[m/s]
Fr	<i>numero di Froude</i>	
Et	<i>carico totale</i>	[m]
Ev	<i>carico cinematico</i>	[m]
Sp	<i>spinta totale</i>	[t]
ym	<i>profondità media</i>	[m]
b	<i>larghezza pelo libero alveo attivo</i>	[m]
bt	<i>larghezza pelo libero totale</i>	[m]
B	<i>perimetro bagnato</i>	[m]
Pb	<i>profondità del baricentro</i>	[m]
A	<i>area della sezione alveo attivo</i>	[dmq]
At	<i>area della sezione totale</i>	[dmq]
R	<i>raggio idraulico</i>	[m]
C2	<i>quadrato del coefficiente adimensionale di Chezy</i>	
β	<i>coefficiente di ragguaglio della quantità di moto</i>	
α	<i>coefficiente di ragguaglio del carico cinetico</i>	