

COMUNE DI MASSA  
Provincia di Massa Carrara



STUDIO DELLA PERICOLOSITÀ IDRAULICA  
NEL COMUNE DI MASSA

ELABORATO:

**A.02.1**

OGGETTO:

**INTEGRAZIONE  
TABULATI VERIFICHE IDRAULICHE**

SCALA

-



DIVISIONE DI WEST SYSTEMS Srl

Via Bonifacio Lupi, 1  
50129 - FIRENZE  
Tel. 055 484206 / 055 491896  
Fax. 055 4626342  
Email. segreteria.firenze@physics.net  
Pec. segreteria.physics@pec.it

PROGETTISTA:

Dott. Ing. David Settesoldi

COLLABORATORI TECNICI:

Ing. Michele Catella  
Ing. Martina Alderighi  
Geol. Silvia Angelini  
Geom. Daniele Natali

COMMITTENTE:

**COMUNE DI MASSA  
Via Cavour, 23  
54100 - Massa (MS)**

02					
01					
00	PRIMA EMISSIONE	18/02/2015	Ing. Martina Alderighi	Ing. Michele Catella	Ing. David Settesoldi
REV.	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO
	REVISIONE	DATA			
	00	18/02/2015			

## INDICE

CANALMAGRO - Tabulati verifiche idrauliche Tr = 20 anni .....	1
CANALMAGRO - Tabulati verifiche idrauliche Tr = 30 anni .....	16
CANALMAGRO - Tabulati verifiche idrauliche Tr = 200 anni .....	31
CANALMAGRO - Tabulati verifiche idrauliche Tr = 500 anni .....	46
LEGENDA.....	61

## STATO ATTUALE

CANALMAGRO - Tabulati verifiche idrauliche  $T_r = 20$  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
Canalmagro_01	CA1042__	-935.4	7.9	0.00	68.41	0.84	2.36	1.00	68.70	0.29	3.0	0.58	5.8	5.8	6.2	0.32	0.34	0.34	0.54	55.59	1.0	1.1
Canalmagro_01	CA1041__	-904.0	8.0	0.00	67.27	0.75	2.39	1.00	67.57	0.30	3.1	0.61	5.5	5.5	6.0	0.34	0.33	0.33	0.56	56.96	1.0	1.1
Canalmagro_01	CA1040_b	-903.7	8.0	0.00	66.56	1.05	0.57	0.18	66.58	0.02	7.4	0.99	14.1	14.1	16.0	0.49	1.39	1.39	0.87	66.27	1.0	1.0
Canalmagro_01	CA1040__	-897.7	8.0	0.00	66.57	1.52	0.41	0.11	66.58	0.01	13.8	1.35	14.3	14.3	16.7	0.70	1.93	1.93	1.16	77.51	1.0	1.0
Canalmagro_01	CA1039_a	-892.0	8.0	0.00	66.57	1.95	0.33	0.08	66.57	0.01	20.8	1.61	14.9	14.9	17.2	0.86	2.39	2.39	1.39	85.22	1.0	1.0
Canalmagro_01	CA1039__	-891.7	8.0	0.00	66.47	0.51	1.40	0.72	66.56	0.10	2.4	0.40	14.6	14.6	14.8	0.21	0.58	0.58	0.39	45.46	1.1	1.2
Canalmagro_01	CA1039_b	-890.7	8.0	0.00	66.38	0.43	1.75	1.00	66.54	0.16	2.2	0.32	14.4	14.4	14.5	0.17	0.46	0.46	0.32	42.53	1.1	1.3
Canalmagro_01	CA1038_b	-889.7	8.0	0.00	64.46	0.50	1.79	1.00	64.63	0.17	2.3	0.34	13.3	13.3	13.6	0.18	0.45	0.45	0.33	45.83	1.1	1.2
Canalmagro_01	CA1038__	-844.2	8.0	0.00	61.42	0.85	2.13	1.00	61.66	0.24	2.8	0.48	7.8	7.8	8.2	0.27	0.37	0.37	0.46	51.88	1.1	1.3
Canalmagro_01	CA1037__	-781.3	8.0	0.00	57.96	0.83	2.32	1.00	58.25	0.28	3.1	0.57	6.0	6.0	6.5	0.32	0.34	0.34	0.53	55.64	1.1	1.1
Canalmagro_01	CA1036__	-692.1	8.0	0.00	54.45	0.70	2.26	1.00	54.72	0.27	2.9	0.53	6.7	6.7	7.0	0.29	0.36	0.36	0.51	53.63	1.0	1.1
Canalmagro_01	CA1035__	-645.9	8.0	0.00	52.64	0.85	2.15	1.00	52.89	0.25	3.1	0.50	7.4	7.4	7.7	0.32	0.37	0.37	0.49	58.52	1.1	1.2
Canalmagro_01	CA1034_5	-645.7	8.0	0.00	51.99	0.84	2.18	1.00	52.25	0.26	3.1	0.51	7.2	7.2	7.4	0.32	0.37	0.37	0.50	56.83	1.1	1.2
Canalmagro_01	CA1034_4	-644.1	8.0	0.00	51.61	0.73	2.11	1.00	51.84	0.23	2.8	0.47	8.1	8.1	8.3	0.28	0.38	0.38	0.46	54.35	1.0	1.1
Canalmagro_01	CA1034_3	-643.9	8.0	0.00	51.33	0.87	2.24	1.00	51.59	0.27	3.0	0.53	6.7	6.7	7.0	0.32	0.36	0.36	0.51	56.36	1.0	1.1
Canalmagro_01	CA1034_2	-641.2	8.0	0.00	50.81	0.76	2.20	1.00	51.06	0.26	2.9	0.51	7.1	7.1	7.4	0.30	0.36	0.36	0.49	55.36	1.0	1.1
Canalmagro_01	CA1034_1	-641.0	8.0	0.00	50.53	0.94	2.32	1.00	50.82	0.29	3.2	0.57	6.1	6.1	6.4	0.34	0.35	0.35	0.54	58.15	1.0	1.1
Canalmagro_01	CA1034_a	-638.1	8.0	0.00	49.74	0.80	2.43	1.00	50.05	0.31	3.2	0.63	5.2	5.2	5.8	0.35	0.33	0.33	0.57	58.49	1.0	1.1
Canalmagro_01	CA1033_b	-636.3	8.0	0.00	49.35	0.73	2.22	1.00	49.61	0.26	3.0	0.52	6.9	6.9	7.5	0.30	0.36	0.36	0.48	90.19	1.0	1.1
Canalmagro_01	CA1032_c	-627.6	8.0	0.00	49.11	0.78	2.14	1.00	49.36	0.25	2.9	0.49	7.6	7.6	8.0	0.28	0.37	0.37	0.47	87.73	1.1	1.2
Canalmagro_01	CA1031_d	-626.4	8.0	0.00	48.93	0.78	2.14	1.00	49.18	0.25	2.9	0.49	7.6	7.6	8.0	0.28	0.37	0.37	0.47	51.76	1.1	1.2
Canalmagro_01	CA1030__	-623.9	8.0	0.00	48.79	0.84	2.12	1.00	49.03	0.24	2.9	0.48	7.8	7.8	8.2	0.28	0.38	0.38	0.46	53.12	1.1	1.2
Canalmagro_01	CA1029__	-600.1	8.0	0.00	47.81	0.81	2.06	1.00	48.03	0.23	2.8	0.46	8.5	8.5	8.7	0.28	0.39	0.39	0.45	54.63	1.1	1.3
Canalmagro_01	CA1028__	-595.7	8.0	0.00	45.43	0.86	2.32	1.00	45.73	0.29	3.2	0.58	5.9	5.9	6.3	0.35	0.34	0.34	0.54	58.65	1.1	1.2
Canalmagro_01	CA1027__	-590.3	8.0	0.00	43.05	0.82	2.46	1.00	43.38	0.32	3.3	0.65	5.0	5.0	5.6	0.37	0.32	0.32	0.57	60.67	1.0	1.1
Canalmagro_01	CA1026__	-564.4	8.0	0.00	41.60	0.96	2.60	1.00	41.96	0.36	3.4	0.71	4.3	4.3	5.0	0.39	0.31	0.31	0.61	63.65	1.0	1.1
Canalmagro_01	CA1025__	-535.7	8.0	0.00	40.96	0.73	2.49	1.00	41.29	0.32	3.1	0.65	5.0	5.0	5.9	0.33	0.32	0.32	0.54	60.18	1.1	1.2
Canalmagro_01	CA1024__	-525.0	8.0	0.00	39.11	0.81	2.50	1.00	39.43	0.33	3.2	0.66	4.9	4.9	5.6	0.35	0.32	0.32	0.57	60.37	1.0	1.1
Canalmagro_01	CA1023__	-493.0	8.0	0.00	38.14	0.79	2.46	1.00	38.45	0.31	3.1	0.63	5.2	5.2	5.8	0.34	0.33	0.33	0.56	58.33	1.0	1.1
Canalmagro_01	CA1022_a	-484.0	8.0	0.00	36.54	0.81	1.95	0.70	36.74	0.19	3.3	0.81	5.1	5.1	6.6	0.41	0.41	0.41	0.62	70.65	1.0	1.0
Canalmagro_01	CA1021_b	-482.9	8.0	0.00	36.43	0.70	2.38	0.92	36.71	0.29	3.1	0.72	5.0	5.0	6.1	0.35	0.34	0.34	0.56	96.08	1.0	1.0
Canalmagro_01	CA1021_c	-456.9	8.0	0.00	36.05	0.64	2.52	1.00	36.38	0.33	3.1	0.66	5.0	5.0	6.3	0.32	0.32	0.32	0.50	95.91	1.1	1.2
Canalmagro_01	CA1020_d	-455.7	8.0	0.00	35.70	0.63	2.46	1.00	36.01	0.31	3.0	0.62	5.2	5.2	6.4	0.31	0.32	0.32	0.51	61.22	1.0	1.0
Canalmagro_01	CA1019__	-444.0	8.0	0.00	35.25	0.78	2.48	1.00	35.57	0.32	3.1	0.64	5.0	5.0	5.8	0.34	0.32	0.32	0.56	59.02	1.0	1.1
Canalmagro_01	CA1018_b	-443.7	8.0	0.00	34.33	1.02	2.51	1.00	34.67	0.34	3.5	0.68	4.7	4.7	5.3	0.40	0.32	0.32	0.61	62.94	1.1	1.2
Canalmagro_01	CA1018__	-434.7	8.0	0.00	32.04	1.28	2.50	1.00	32.40	0.36	3.9	0.71	4.5	4.5	5.5	0.50	0.32	0.32	0.58	79.37	1.1	1.3
Canalmagro_01	CA1017__	-379.2	8.1	0.00	29.31	0.93	2.52	1.00	29.64	0.33	3.3	0.66	4.8	4.8	5.6	0.36	0.32	0.32	0.58	59.82	1.1	1.2
Canalmagro_01	CA1016__	-337.4	8.1	0.00	27.66	0.80	2.40	1.00	27.97	0.30	3.2	0.61	5.6	5.6	6.3	0.33	0.34	0.34	0.54	58.16	1.1	1.1
Canalmagro_01	CA1015__	-295.7	8.1	0.00	26.06	1.02	2.57	1.00	26.41	0.35	3.6	0.71	4.5	4.5	5.2	0.41	0.32	0.32	0.61	68.00	1.0	1.1
Canalmagro_01	CA1014__	-255.4	8.2	0.00	24.83	1.12	2.33	1.00	25.11	0.30	3.5	0.59	6.7	7.2	7.9	0.40	0.37	0.37	0.51	87.29	1.1	1.3
Canalmagro_01	CA1013__	-214.6	8.2	0.00	23.28	0.92	2.34	1.00	23.57	0.29	3.3	0.58	6.0	6.0	6.4	0.35	0.35	0.35	0.55	61.11	1.1	1.2
Canalmagro_01	CA1012__	-156.6	8.4	0.00	21.68	1.08	2.45	1.00	22.00	0.33	3.5	0.65	5.2	5.2	5.9	0.39	0.34	0.34	0.58	63.01	1.1	1.3











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
Canalmagro_02	CA0076Bd	3454.5	8.9	0.18	2.52	1.64	1.15	0.37	2.57	0.07	6.7	1.19	7.1	7.1	8.4	0.67	0.84	0.84	1.01	118.73	1.1	1.2
Canalmagro_02	CA0076AA	3471.5	8.8	0.05	2.51	1.78	1.04	0.34	2.56	0.06	7.6	1.12	8.3	8.3	9.2	0.72	0.93	0.93	1.01	121.19	1.1	1.2
Canalmagro_02	CA0076CA	3548.5	8.8	0.00	2.45	1.56	1.03	0.34	2.50	0.06	6.9	1.06	8.5	8.5	9.4	0.66	0.90	0.90	0.96	109.79	1.1	1.2
Canalmagro_02	CA0076DA	3565.9	8.8	0.00	2.40	1.67	1.36	0.46	2.47	0.10	5.7	1.03	6.8	6.8	7.8	0.66	0.70	0.70	0.89	116.35	1.1	1.3
Canalmagro_02	CA0076EA	3579.0	8.7	0.00	2.39	1.75	1.25	0.42	2.45	0.09	6.2	1.04	7.2	7.2	8.4	0.69	0.75	0.75	0.90	121.87	1.1	1.3
Canalmagro_02	CA0076EB	3586.0	8.7	0.00	2.40	1.79	0.88	0.29	2.43	0.04	8.2	1.04	10.2	10.2	11.1	0.71	1.05	1.05	0.94	132.27	1.1	1.2
Canalmagro_02	CA0076EC	3607.0	8.7	0.00	2.40	1.77	0.83	0.27	2.42	0.04	8.1	1.13	9.6	9.6	10.4	0.69	1.08	1.08	1.04	114.14	1.1	1.2
Canalmagro_02	ca0077_a	3646.0	8.8	0.00	2.38	2.12	1.01	0.24	2.41	0.05	9.4	1.91	4.7	4.7	8.1	0.99	0.89	0.89	1.11	190.76	1.0	1.1
Canalmagro_02	ca0077_b	3647.0	8.8	0.00	2.38	2.12	1.04	0.23	2.41	0.06	9.4	9999.99	4.7	4.7	12.6	1.03	0.85	0.85	1.08	415.77	1.0	1.1
Canalmagro_02	ca0078_c	3659.0	8.8	0.00	2.36	2.03	1.51	0.40	2.40	0.12	6.1	1.66	3.8	3.8	6.6	0.85	0.62	0.62	0.94	385.39	1.0	1.1
Canalmagro_02	ca0078_d	3660.0	8.8	0.00	2.35	2.03	1.52	0.40	2.40	0.12	6.1	1.62	3.8	3.8	6.5	0.85	0.62	0.62	0.95	168.71	1.0	1.1
Canalmagro_02	CA0078A_	3667.8	8.8	0.00	2.36	1.45	1.21	0.41	2.39	0.08	5.4	1.03	7.8	7.8	8.6	0.62	0.80	0.80	0.93	109.40	1.1	1.2
Canalmagro_02	CA0078B_	3685.7	8.8	0.00	2.36	1.56	1.17	0.38	2.38	0.07	5.9	1.09	7.7	7.7	8.6	0.66	0.84	0.84	0.97	112.30	1.1	1.2
Canalmagro_02	CA0078C_	3700.8	8.8	0.00	2.35	1.50	1.32	0.46	2.37	0.09	5.3	0.99	7.9	7.9	8.7	0.63	0.78	0.78	0.89	111.58	1.1	1.2
Canalmagro_02	CA0078D_	3716.0	8.8	0.00	2.34	1.46	1.25	0.46	2.37	0.08	5.4	0.94	9.0	9.0	9.8	0.59	0.85	0.85	0.87	104.50	1.1	1.2
Canalmagro_02	CA0078E_	3739.8	8.8	0.00	2.33	1.48	1.42	0.49	2.35	0.11	5.4	1.08	7.2	7.2	8.2	0.64	0.78	0.78	0.95	112.27	1.1	1.2
Canalmagro_02	CA0078F_	3765.2	8.8	0.00	2.31	1.55	2.35	0.92	2.34	0.30	5.0	1.03	6.9	6.9	7.8	0.64	0.71	0.71	0.91	109.43	1.1	1.2
Canalmagro_02	CA0079_	3781.0	8.7	0.85	2.31	1.60	1.97	1.00	2.33	0.21	6.0	1.16	7.2	7.2	8.2	0.69	0.83	0.83	1.01	113.36	1.1	1.2
Sale	sl1001_	2295.0	1.8	0.03	2.29	1.36	0.57	0.27	2.30	0.02	2.3	0.75	6.0	6.0	6.6	0.49	0.45	0.45	0.68	111.25	1.1	1.2
Sale	sl1002_	2353.3	1.8	0.09	2.28	1.36	0.53	0.25	2.28	0.02	2.3	0.75	6.0	6.0	6.6	0.49	0.45	0.45	0.68	111.25	1.1	1.2
Sale	sl1003_	2411.6	1.8	0.03	2.27	1.35	0.47	0.23	2.27	0.01	2.2	0.74	6.0	6.0	6.6	0.48	0.44	0.44	0.67	111.25	1.1	1.2
Sale	sl0001_a	2469.9	1.8	-0.13	2.27	1.35	0.23	0.09	2.27	0.00	4.5	0.96	8.4	8.4	9.2	0.55	0.80	0.80	0.88	96.86	1.1	1.2
Sale	sl0001_b	2471.9	1.8	0.00	2.26	1.34	0.31	0.09	2.27	0.01	3.5	1.26	5.4	5.4	9.0	0.58	0.59	0.59	0.65	322.25	1.1	1.1
Sale	sl0001_c	2502.9	1.8	0.00	2.26	1.34	0.30	0.09	2.27	0.00	3.6	1.30	5.3	5.3	9.1	0.60	0.60	0.60	0.66	328.80	1.1	1.1
Sale	sl0001_d	2504.9	2.3	0.00	2.26	1.45	0.28	0.10	2.27	0.00	5.1	1.16	7.1	7.1	8.7	0.61	0.82	0.82	0.95	110.02	1.0	1.1
Sale	sl0002_a	2602.9	2.1	0.31	2.25	1.33	0.33	0.23	2.25	0.01	2.7	0.56	16.8	16.8	18.9	0.39	0.70	0.70	0.42	132.94	1.2	1.6
Sale	sl0002_b	2607.9	2.1	0.00	2.22	1.30	1.32	0.59	2.25	0.09	1.1	9999.99	12.6	12.6	16.9	0.57	0.31	0.31	0.20	283.67	1.1	1.3
Sale	sl0002_c	2610.9	2.1	0.00	2.21	1.30	1.32	1.00	2.24	0.10	1.1	9999.99	12.3	12.3	16.7	0.55	0.30	0.30	0.20	283.40	1.2	1.5
Sale	sl0002_d	2615.9	2.0	0.40	2.22	1.31	0.37	0.34	2.23	0.01	2.5	0.53	16.7	16.7	18.7	0.37	0.65	0.65	0.39	134.53	1.2	1.6
Sale	sl0003aa	2694.8	1.3	1.01	2.20	1.44	0.46	0.19	2.21	0.01	1.8	0.94	6.7	9.4	11.6	0.54	0.36	0.36	0.45	240.31	1.3	1.9
Sale	sl0003ab	2696.8	1.3	0.00	2.19	1.43	0.74	0.27	2.21	0.03	1.6	6.61	2.6	2.6	7.3	0.76	0.19	0.19	0.37	293.39	1.1	1.3
Sale	sl0003ac	2780.2	1.3	0.00	2.15	1.41	0.79	0.27	2.15	0.03	1.4	9999.99	2.4	2.4	7.1	0.77	0.18	0.18	0.36	294.62	1.1	1.3
Sale	sl0003ad	2782.2	1.3	0.03	2.15	1.41	0.30	0.16	2.15	0.01	2.5	0.77	6.5	6.5	8.1	0.49	0.50	0.50	0.62	164.06	1.2	1.5
Sale	sl0003_a	2942.9	1.4	0.00	2.15	1.37	0.73	0.28	2.15	0.03	1.3	0.93	2.5	2.5	4.1	0.57	0.23	0.23	0.56	141.28	1.1	1.4
Sale	sl0003_b	2947.9	1.4	0.00	2.15	1.37	0.47	0.13	2.15	0.01	2.3	9999.99	2.5	2.5	7.4	0.76	0.30	0.30	0.57	188.37	1.0	1.2
Sale	sl0003_c	2952.9	1.4	0.00	2.15	1.37	0.47	0.13	2.15	0.01	2.3	9999.99	2.5	2.5	7.4	0.76	0.30	0.30	0.57	188.31	1.0	1.2
Sale	sl0003_d	2957.9	1.4	-0.01	2.15	1.37	0.75	0.35	2.15	0.03	1.3	0.93	2.5	2.5	4.1	0.58	0.23	0.23	0.56	141.64	1.1	1.4
Sale	sl0004_a	2992.9	1.4	0.00	2.15	1.53	0.42	0.15	2.16	0.01	2.5	0.94	4.3	4.3	5.6	0.62	0.40	0.40	0.72	123.94	1.1	1.3
Sale	sl0004_b	2997.9	1.4	0.00	2.16	1.53	0.41	0.11	2.16	0.01	2.9	1.53	2.5	2.5	5.6	0.77	0.38	0.38	0.69	182.18	1.0	1.0
Sale	sl0004_c	3002.9	1.4	0.00	2.16	1.53	0.41	0.11	2.16	0.01	2.9	1.53	2.5	2.5	5.6	0.77	0.38	0.38	0.69	182.18	1.0	1.0
Sale	sl1004_d	3005.4	1.4	0.00	2.16	1.53	0.42	0.15	2.16	0.01	2.5	0.94	4.3	6.8	5.6	0.62	0.40	0.41	0.72	123.95	1.1	1.3
Sale	sl0004_d	3007.9	1.4	0.00	2.16	1.54	0.41	0.15	2.16	0.01	2.5	0.94	4.3	7.0	5.6	0.62	0.40	0.41	0.72	123.97	1.1	1.3

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
Sale	sl0005__	3381.9	2.4	2.91	2.17	1.61	0.47	0.17	2.17	0.01	4.2	1.02	6.5	12.4	7.3	0.63	0.66	0.80	0.90	114.42	1.1	1.2
Sale	sl0006_a	3911.5	3.1	0.97	2.20	1.69	1.03	0.43	2.21	0.06	5.1	1.21	5.8	5.8	6.8	0.72	0.70	0.70	1.02	114.89	1.1	1.3
Sale	sl0006_b	3913.5	3.1	0.00	2.20	1.70	1.05	0.35	2.21	0.06	4.3	9999.99	3.1	3.1	8.8	1.05	0.40	0.40	0.68	181.66	1.0	1.0
Sale	sl0006_c	3925.1	3.1	0.00	2.20	1.70	1.06	0.36	2.21	0.06	4.3	9999.99	3.1	3.1	8.8	1.05	0.40	0.40	0.68	181.60	1.0	1.0
Sale	sl0006_d	3927.1	3.1	0.01	2.21	1.71	1.07	0.45	2.21	0.06	5.2	1.22	5.8	5.8	6.8	0.72	0.71	0.71	1.03	115.18	1.1	1.3
Sale	sl1007__	4056.0	2.8	0.00	2.22	1.82	0.67	0.44	2.22	0.02	16.3	1.26	18.9	18.9	19.4	0.69	2.38	2.38	1.23	103.15	1.0	1.0
Sale	sl0007__	4057.0	2.9	0.00	2.22	1.82	0.74	0.56	2.22	0.03	16.3	1.26	18.9	18.9	19.4	0.69	2.38	2.38	1.23	103.14	1.0	1.0
Sforza	sl0010_b	4273.0	1.8	-1.70	1.97	1.76	1.23	0.62	2.01	0.08	1.8	9999.99	1.1	1.1	5.7	1.04	0.16	0.16	0.37	147.54	1.0	1.0
Sforza	sl0011_c	4478.9	1.8	0.00	1.64	1.30	1.74	1.00	1.68	0.16	1.4	9999.99	2.0	2.0	6.1	0.80	0.16	0.16	0.31	339.66	1.2	1.5
Sforza	sl0011_d	4480.9	1.9	0.00	1.66	1.31	1.09	0.58	1.66	0.06	2.6	0.97	4.6	4.6	5.8	0.58	0.45	0.45	0.77	115.68	1.1	1.2
Sforza	sl0012__	4567.5	2.2	-0.72	1.65	1.70	0.37	0.15	1.66	0.01	6.7	1.24	6.9	23.2	8.2	0.78	0.86	1.90	1.05	141.70	1.1	1.2
Sforza	sl0013_a	4659.5	2.3	-0.26	1.65	1.64	0.51	0.26	1.65	0.01	6.9	1.04	10.4	32.3	11.3	0.64	1.08	1.90	0.96	136.46	1.1	1.3
Sforza	sl0013_b	4661.5	2.3	0.01	1.65	1.64	0.52	0.26	1.65	0.01	5.8	9999.99	6.7	32.3	20.0	0.83	0.69	1.65	0.79	241.43	1.1	1.2
Sforza	sl0013_c	4663.0	2.3	0.02	1.65	1.64	0.52	0.26	1.65	0.01	5.8	9999.99	6.7	32.3	20.0	0.83	0.69	1.65	0.79	241.43	1.1	1.2
Sforza	sl0013_d	4665.0	2.3	0.02	1.65	1.64	0.52	0.26	1.65	0.01	6.9	1.04	10.4	32.3	11.3	0.64	1.08	1.90	0.96	136.46	1.1	1.3
Sforza	sl0014_a	4692.6	2.2	0.27	1.65	1.58	0.62	0.34	1.65	0.02	6.7	1.03	10.4	32.3	11.3	0.62	1.07	1.89	0.95	134.50	1.1	1.3
Sforza	sl0014_b	4694.6	2.3	-0.19	1.56	1.48	1.61	0.74	1.63	0.13	1.9	9999.99	2.0	2.0	7.4	1.11	0.15	0.15	0.40	152.60	1.0	1.0
Sforza	sl0014_c	4697.4	2.3	-0.03	1.53	1.45	1.78	1.06	1.61	0.16	1.8	9999.99	2.0	2.0	7.4	1.10	0.14	0.14	0.40	152.57	1.0	1.0
Sforza	sl0014_d	4699.4	2.3	-0.13	1.53	1.45	1.02	0.67	1.53	0.05	4.6	0.85	9.9	14.3	10.7	0.55	0.84	0.92	0.78	134.52	1.1	1.4
Sforza	sl0015__	4711.9	1.4	1.00	1.53	1.40	-0.34	0.18	1.53	0.01	4.3	0.83	9.9	14.4	10.7	0.53	0.82	0.90	0.77	129.83	1.1	1.4
Sforza	sl0016_a	4727.0	1.4	0.00	1.53	1.33	-0.38	0.22	1.53	0.01	3.8	0.87	8.1	8.1	9.6	0.54	0.70	0.70	0.73	128.70	1.1	1.3
Sforza	sl0016_b	4728.0	1.4	0.00	1.49	1.29	-1.70	1.02	1.52	0.15	0.9	9999.99	1.0	1.0	4.0	0.79	0.10	0.10	0.33	143.05	1.0	1.0
Sforza	sl0016_d	4745.0	1.4	0.00	1.45	1.82	1.59	0.01	1.49	0.13	1.3	9999.99	0.0	0.0	3.7	1.39	0.09	0.09	0.23	126.64	1.0	1.0











Cassa	H [m]	V [m³]	s [m³/s]
APE_I1	6.98	2696.56	1.11
APE_I2	6.08	4663.10	1.19
APE_I3	12.69	909.35	0.27
bidi_canalmag	1.38	139261.30	23.50

Portella	s [m³/s]
PAR_93	0.87
PAR_94	0.59
PAR_92	0.22
PAR_106	-1.70
PAR_105	0.85
PAR_79	0.00
PAR_80	0.00
PAR_81	0.00
PAR_82	0.00
PAR_83	0.00
PAR_84	0.00
PAR_85	0.00
PAR_86	0.00
PAR_87	0.00
PAR_90	0.00
PAR_89	0.00
PAR_88	0.00
PAR_91	0.00
PAR_98	-0.02
PAR_97	0.19
PAR_95	0.30
PAR_96	0.27
PAR_72	0.00
PAR_71	0.00
PAR_69	0.00
PAR_68	0.00
PAR_67	0.00
PAR_70	0.00
PAR_66	0.00
PAR_65	0.00
PAR_63	0.00
PAR_62	0.00
PAR_64	0.00
PAR_61	0.00
PAR_60	0.00
PAR_59	0.00
PAR_58	0.00
PAR_57	0.00

Idrovora	s [m³/s]
ID001_	0.50
ID002_	0.50



PAR_56	0.00
PAR_55	0.00
PAR_99	0.00
PAR_100	0.00
PAR_101	0.00
PAR_102	0.00
PAR_103	0.00

## STATO ATTUALE

CANALMAGRO - Tabulati verifiche idrauliche  $T_r = 30$  anni

Tronchi	Sezioni	P	q	s	h	y	V	Fr	Et	Ev	Sp	ym	b	bt	B	Pb	A	At	R	C2	$\beta$	$\alpha$
		[m]	[m <sup>3</sup> /s]	[m <sup>3</sup> /s]	[m]	[m]	[m/s]		[m]	[m]	[t]	[m]	[m]	[m]	[m]	[m]	[dmq]	[dmq]	[m]			
Canalmagro_01	CA1042__	-935.40	8.68	0.00	68.44	0.88	2.42	1.00	68.75	0.31	3.41	0.62	5.83	5.83	6.33	0.34	0.36	0.36	0.57	56.70	1.04	1.12
Canalmagro_01	CA1041__	-903.95	8.74	0.00	67.31	0.79	2.45	1.00	67.63	0.32	3.54	0.64	5.61	5.61	6.14	0.36	0.36	0.36	0.58	58.10	1.04	1.11
Canalmagro_01	CA1040_b	-903.70	8.75	0.00	66.59	1.08	0.61	0.19	66.61	0.02	7.84	1.02	14.09	14.09	16.04	0.51	1.43	1.43	0.89	67.15	1.00	1.00
Canalmagro_01	CA1040__	-897.73	8.78	0.00	66.60	1.55	0.45	0.12	66.61	0.01	14.41	1.37	14.36	14.36	16.75	0.71	1.97	1.97	1.18	78.26	1.01	1.02
Canalmagro_01	CA1039_a	-891.99	8.80	0.00	66.60	1.98	0.36	0.09	66.60	0.01	21.58	1.63	14.96	14.96	17.26	0.87	2.44	2.44	1.41	85.89	1.01	1.03
Canalmagro_01	CA1039__	-891.74	8.80	0.00	66.49	0.53	1.47	0.74	66.59	0.11	2.64	0.42	14.67	14.67	14.87	0.22	0.61	0.61	0.41	46.25	1.08	1.23
Canalmagro_01	CA1039_b	-890.74	8.81	0.00	66.40	0.45	1.80	1.00	66.57	0.17	2.54	0.34	14.44	14.44	14.58	0.18	0.49	0.49	0.33	43.27	1.11	1.29
Canalmagro_01	CA1038_b	-889.74	8.81	0.00	64.48	0.52	1.85	1.00	64.66	0.18	2.63	0.36	13.26	13.26	13.69	0.19	0.48	0.48	0.35	46.40	1.07	1.19
Canalmagro_01	CA1038__	-844.22	8.81	0.00	61.45	0.89	2.20	1.00	61.71	0.25	3.18	0.51	7.89	7.89	8.29	0.29	0.40	0.40	0.48	52.68	1.11	1.30
Canalmagro_01	CA1037__	-781.25	8.73	0.00	58.00	0.87	2.38	1.00	58.30	0.30	3.43	0.60	6.14	6.14	6.59	0.34	0.37	0.37	0.56	56.70	1.05	1.14
Canalmagro_01	CA1036__	-692.14	8.85	0.00	54.49	0.74	2.32	1.00	54.78	0.28	3.35	0.56	6.78	6.78	7.14	0.31	0.38	0.38	0.54	54.84	1.03	1.08
Canalmagro_01	CA1035__	-645.94	8.92	0.00	52.68	0.90	2.18	1.00	52.94	0.26	3.49	0.51	7.96	7.96	8.20	0.34	0.41	0.41	0.50	61.28	1.06	1.18
Canalmagro_01	CA1034_5	-645.69	8.92	0.00	52.04	0.89	2.24	1.00	52.31	0.27	3.49	0.54	7.39	7.39	7.63	0.34	0.40	0.40	0.52	58.16	1.06	1.18
Canalmagro_01	CA1034_4	-644.11	8.92	0.00	51.65	0.77	2.17	1.00	51.90	0.25	3.24	0.50	8.28	8.28	8.47	0.29	0.41	0.41	0.49	55.53	1.04	1.10
Canalmagro_01	CA1034_3	-643.86	8.92	0.00	51.37	0.91	2.30	1.00	51.65	0.28	3.48	0.56	6.92	6.92	7.21	0.34	0.39	0.39	0.54	57.69	1.04	1.10
Canalmagro_01	CA1034_2	-641.20	8.92	0.00	50.85	0.80	2.26	1.00	51.12	0.27	3.37	0.54	7.30	7.30	7.56	0.31	0.39	0.39	0.52	56.87	1.03	1.09
Canalmagro_01	CA1034_1	-640.95	8.92	0.00	50.58	0.99	2.37	1.00	50.88	0.30	3.63	0.60	6.25	6.25	6.61	0.36	0.38	0.38	0.57	59.45	1.05	1.12
Canalmagro_01	CA1034_a	-638.12	8.92	0.00	49.79	0.85	2.50	1.00	50.12	0.33	3.71	0.67	5.34	5.34	5.94	0.37	0.36	0.36	0.60	60.01	1.04	1.13
Canalmagro_01	CA1033_b	-636.34	8.92	0.00	49.39	0.77	2.29	1.00	49.66	0.28	3.39	0.56	6.96	6.96	7.63	0.31	0.39	0.39	0.51	92.31	1.04	1.11
Canalmagro_01	CA1032_c	-627.63	8.93	0.00	49.15	0.82	2.22	1.00	49.41	0.26	3.32	0.53	7.60	7.60	8.05	0.30	0.40	0.40	0.50	88.28	1.06	1.18
Canalmagro_01	CA1031_d	-626.38	8.93	0.00	48.97	0.82	2.23	1.00	49.23	0.26	3.32	0.53	7.60	7.60	8.05	0.30	0.40	0.40	0.50	52.31	1.07	1.20
Canalmagro_01	CA1030__	-623.89	8.94	0.00	48.82	0.88	2.21	1.00	49.08	0.26	3.30	0.52	7.84	7.84	8.30	0.30	0.41	0.41	0.49	54.11	1.08	1.25
Canalmagro_01	CA1029__	-600.10	8.96	0.00	47.85	0.85	2.12	1.00	48.09	0.24	3.28	0.48	8.78	8.78	8.96	0.29	0.42	0.42	0.47	55.57	1.09	1.29
Canalmagro_01	CA1028__	-595.66	8.96	0.00	45.49	0.91	2.38	1.00	45.79	0.31	3.68	0.61	6.14	6.14	6.55	0.37	0.38	0.38	0.57	59.88	1.06	1.16
Canalmagro_01	CA1027__	-590.26	8.96	0.00	43.11	0.87	2.55	1.00	43.45	0.35	3.80	0.70	5.04	5.04	5.76	0.39	0.35	0.35	0.61	62.26	1.05	1.14
Canalmagro_01	CA1026__	-564.44	8.96	0.00	41.66	1.02	2.69	1.00	42.04	0.38	3.96	0.77	4.36	4.36	5.17	0.42	0.33	0.33	0.64	65.79	1.04	1.13
Canalmagro_01	CA1025__	-535.65	8.96	0.00	41.02	0.79	2.58	1.00	41.36	0.35	3.66	0.70	4.99	4.99	5.99	0.36	0.35	0.35	0.58	62.46	1.06	1.18
Canalmagro_01	CA1024__	-524.99	8.96	0.00	39.16	0.87	2.58	1.00	39.51	0.35	3.75	0.70	4.94	4.94	5.74	0.38	0.35	0.35	0.60	62.29	1.03	1.08
Canalmagro_01	CA1023__	-493.01	8.96	0.00	38.19	0.84	2.55	1.00	38.53	0.34	3.65	0.68	5.21	5.21	5.91	0.36	0.35	0.35	0.60	60.20	1.04	1.12
Canalmagro_01	CA1022_a	-483.97	8.96	0.00	36.61	0.88	2.01	0.70	36.82	0.21	3.81	0.87	5.11	5.11	6.77	0.44	0.45	0.45	0.66	73.93	1.01	1.02
Canalmagro_01	CA1021_b	-482.90	8.97	0.00	36.46	0.73	2.53	0.94	36.78	0.33	3.64	0.75	4.97	4.97	6.21	0.37	0.36	0.36	0.58	98.46	1.02	1.04
Canalmagro_01	CA1021_c	-456.86	9.00	0.00	36.11	0.70	2.63	1.00	36.46	0.36	3.65	0.72	4.98	4.98	6.42	0.35	0.34	0.34	0.53	100.02	1.06	1.19
Canalmagro_01	CA1020_d	-455.66	9.00	0.00	35.76	0.68	2.56	1.00	36.09	0.34	3.55	0.67	5.23	5.23	6.51	0.34	0.35	0.35	0.54	63.82	1.01	1.01
Canalmagro_01	CA1019__	-443.98	8.99	0.00	35.30	0.83	2.58	1.00	35.65	0.35	3.66	0.69	5.04	5.04	5.87	0.36	0.35	0.35	0.59	61.16	1.04	1.12
Canalmagro_01	CA1018_b	-443.73	8.99	0.00	34.39	1.08	2.58	1.00	34.75	0.36	4.01	0.72	4.85	4.85	5.47	0.43	0.35	0.35	0.64	64.48	1.06	1.17
Canalmagro_01	CA1018__	-434.65	8.97	0.00	32.10	1.34	2.57	1.00	32.48	0.38	4.44	0.75	4.63	4.63	5.70	0.52	0.35	0.35	0.61	79.50	1.12	1.34
Canalmagro_01	CA1017__	-379.16	8.89	0.00	29.36	0.97	2.59	1.00	29.71	0.35	3.71	0.70	4.87	4.87	5.67	0.38	0.34	0.34	0.61	61.44	1.06	1.16
Canalmagro_01	CA1016__	-337.36	8.86	0.00	27.70	0.84	2.46	1.00	28.02	0.32	3.53	0.64	5.63	5.63	6.34	0.34	0.36	0.36	0.57	59.45	1.05	1.14
Canalmagro_01	CA1015__	-295.66	8.81	0.00	26.11	1.07	2.61	1.00	26.47	0.37	3.93	0.73	4.63	4.63	5.42	0.43	0.34	0.34	0.62	69.85	1.05	1.13
Canalmagro_01	CA1014__	-255.38	8.83	0.00	24.87	1.16	2.33	1.00	25.15	0.30	3.86	0.59	7.23	7.25	7.98	0.41	0.40	0.40	0.52	86.18	1.12	1.33
Canalmagro_01	CA1013__	-214.60	8.86	0.00	23.31	0.96	2.38	1.00	23.62	0.30	3.61	0.61	6.10	6.10	6.52	0.36	0.37	0.37	0.57	61.85	1.06	1.15
Canalmagro_01	CA1012__	-156.57	9.15	0.00	21.72	1.12	2.51	1.00	22.06	0.34	3.96	0.68	5.33	5.33	5.98	0.41	0.36	0.36	0.61	63.91	1.10	1.27

Tronchi	Sezioni	P [m]	q [m³/s]	s [m²/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	$\beta$	$\alpha$
Canalmagro_01	CA1011__	-106.43	9.17	0.00	20.13	0.98	2.27	1.00	20.41	0.28	3.58	0.56	7.27	7.27	7.71	0.33	0.40	0.40	0.52	59.29	1.12	1.36
Canalmagro_01	CA1010__	-62.24	9.18	0.00	18.80	0.69	2.07	1.00	19.03	0.22	3.07	0.45	9.84	9.84	10.15	0.24	0.44	0.44	0.44	48.92	1.13	1.37
Canalmagro_01	CA1009__	-32.81	10.12	0.00	17.71	0.66	2.17	1.00	17.96	0.25	3.57	0.49	9.47	9.47	9.78	0.27	0.47	0.47	0.48	52.42	1.04	1.11
Canalmagro_01	CA1008__	-23.31	10.11	0.00	17.22	1.71	0.79	0.39	17.24	0.03	12.86	1.39	11.52	11.52	12.83	0.76	1.60	1.60	1.24	76.34	1.04	1.10
Canalmagro_01	ca0001_a	0.00	9.99	0.00	17.23	1.89	0.75	0.48	17.24	0.03	17.33	1.53	14.06	14.06	16.66	0.78	2.16	2.16	1.29	79.52	1.18	1.57
Canalmagro_01	ca0001_b	1.00	9.98	0.00	17.22	1.88	1.24	1.00	17.24	0.09	14.25	1.62	11.25	11.25	17.67	0.79	1.72	1.72	0.97	156.43	1.20	1.64
Canalmagro_01	ca0002_c	11.00	9.97	0.00	17.21	1.83	0.86	0.74	17.23	0.04	18.10	1.85	11.20	11.20	25.42	0.90	1.95	1.95	0.77	240.39	1.04	1.12
Canalmagro_01	ca0002_d	12.00	9.98	0.00	17.22	1.83	0.91	1.00	17.22	0.04	21.29	1.78	13.20	13.20	16.57	0.89	2.34	2.34	1.41	88.76	1.06	1.18
Canalmagro_02	ca0002_d	12.00	9.98	0.00	17.22	1.83	0.91	1.00	17.22	0.04	21.29	1.78	13.20	13.20	16.57	0.89	2.34	2.34	1.41	138.68	1.06	1.18
Canalmagro_02	ca0003_a	16.50	9.79	0.51	17.21	2.14	0.47	0.17	17.22	0.01	24.35	1.47	19.03	19.03	22.17	0.93	2.57	2.57	1.20	181.19	1.06	1.14
Canalmagro_02	ca0003_b	17.50	9.79	0.00	17.18	2.11	0.82	0.21	17.22	0.03	17.09	9999.99	10.17	10.17	29.90	1.36	1.20	1.20	0.75	236.30	1.03	1.09
Canalmagro_02	ca0004_c	30.50	21.45	0.00	17.06	1.90	1.43	0.54	17.17	0.11	19.74	9999.99	11.81	11.81	37.83	1.10	1.50	1.50	0.75	259.17	1.10	1.30
Canalmagro_02	ca0004_d	31.50	21.44	0.01	17.10	1.94	0.87	0.47	17.14	0.04	23.34	1.40	17.98	17.98	22.94	0.85	2.52	2.52	1.10	166.31	1.06	1.14
Canalmagro_02	ca0005_a	76.50	21.11	0.63	16.69	1.79	2.68	0.79	17.03	0.37	12.75	1.45	5.68	8.20	8.88	0.85	0.82	0.92	0.93	194.40	1.04	1.08
Canalmagro_02	ca0005_b	77.50	21.11	0.00	16.34	1.45	3.53	0.76	16.97	0.64	12.04	9999.99	4.35	4.35	11.43	0.74	0.60	0.60	0.82	360.35	1.00	1.01
Canalmagro_02	ca0006_c	83.00	21.11	0.00	16.27	1.49	3.56	0.95	16.92	0.66	11.83	1.59	4.34	4.34	7.67	0.69	0.59	0.59	0.83	366.73	1.03	1.09
Canalmagro_02	ca0006_d	84.00	21.11	0.00	16.25	1.47	3.62	1.00	16.92	0.67	11.76	1.34	4.34	4.34	7.01	0.67	0.58	0.58	0.83	162.19	1.04	1.12
Canalmagro_02	ca0007__	99.00	21.11	0.00	16.03	1.61	3.31	1.00	16.62	0.59	11.75	1.17	5.43	5.43	7.22	0.67	0.64	0.64	0.88	134.04	1.07	1.18
Canalmagro_02	ca0008__	124.00	21.16	0.00	15.93	1.72	2.67	1.00	16.30	0.38	11.73	1.26	6.31	6.31	7.86	0.72	0.80	0.80	1.01	128.36	1.05	1.14
Canalmagro_02	ca0009__	149.00	21.19	0.00	15.54	2.06	3.14	1.00	16.10	0.56	12.42	1.12	6.01	6.01	7.68	0.72	0.67	0.67	0.88	127.99	1.14	1.37
Canalmagro_02	ca0010__	179.00	21.14	0.00	15.22	1.62	3.07	1.00	15.74	0.52	11.50	1.04	6.65	6.65	7.58	0.64	0.69	0.69	0.91	114.16	1.08	1.22
Canalmagro_02	ca0011__	205.00	21.12	0.00	14.94	1.41	3.01	1.00	15.43	0.49	11.15	0.99	7.11	7.11	7.95	0.60	0.70	0.70	0.88	109.24	1.07	1.20
Canalmagro_02	ca0012__	235.00	21.11	0.00	14.59	1.49	3.02	1.00	15.08	0.50	11.15	1.00	7.00	7.00	7.82	0.60	0.70	0.70	0.89	112.42	1.07	1.19
Canalmagro_02	ca0013_a	272.50	20.54	1.31	14.57	2.09	1.55	0.37	14.70	0.12	16.64	1.87	7.07	7.07	10.20	1.01	1.32	1.32	1.30	107.36	1.01	1.02
Canalmagro_02	ca0013_b	273.50	20.54	0.00	14.37	1.88	2.40	0.35	14.66	0.29	14.91	9999.99	6.29	6.29	15.54	1.15	0.85	0.85	0.94	202.15	1.00	1.00
Canalmagro_02	ca0014_c	278.50	20.52	0.00	14.39	2.21	1.91	0.26	14.58	0.19	17.87	9999.99	6.38	6.38	16.19	1.29	1.07	1.07	1.09	368.81	1.02	1.05
Canalmagro_02	ca0014_d	279.50	20.51	0.00	14.43	2.26	1.45	0.34	14.54	0.11	18.30	1.94	7.28	7.28	10.92	1.08	1.41	1.41	1.29	191.91	1.02	1.04
Canalmagro_02	ca0015__	301.50	20.51	0.00	13.88	1.55	3.09	1.00	14.41	0.52	11.23	1.05	6.32	6.32	7.35	0.64	0.66	0.66	0.90	115.10	1.08	1.23
Canalmagro_02	ca0016__	331.50	20.50	0.00	13.53	1.67	3.03	1.00	14.04	0.51	11.31	1.02	6.62	6.62	7.57	0.65	0.68	0.68	0.89	112.77	1.09	1.27
Canalmagro_02	ca0017__	366.00	20.47	-0.30	13.06	1.83	3.07	1.00	13.59	0.53	11.46	1.06	6.31	6.31	7.62	0.66	0.67	0.67	0.87	114.81	1.16	1.49
Canalmagro_02	ca0018_a	405.50	20.37	0.16	13.04	2.46	1.35	0.30	13.13	0.09	20.49	2.08	7.28	7.28	10.95	1.17	1.51	1.51	1.38	185.47	1.02	1.05
Canalmagro_02	ca0018_b	406.50	20.36	0.00	12.93	2.35	1.87	0.24	13.11	0.18	19.08	9999.99	6.30	6.30	15.75	1.40	1.09	1.09	1.13	339.56	1.05	1.13
Canalmagro_02	ca0019_c	411.00	20.34	0.00	12.89	2.13	1.99	0.25	13.09	0.20	17.41	9999.99	6.37	6.37	15.86	1.30	1.02	1.02	1.02	338.81	1.01	1.01
Canalmagro_02	ca0019_d	412.00	20.34	0.00	12.95	2.18	1.46	0.34	13.06	0.11	17.90	1.96	7.10	7.10	10.79	1.06	1.39	1.39	1.29	191.19	1.02	1.04
Canalmagro_02	ca0020__	434.00	20.24	0.23	12.67	1.90	2.39	0.74	12.98	0.32	11.81	1.24	6.86	6.86	7.96	0.76	0.85	0.85	1.07	116.35	1.09	1.27
Canalmagro_02	ca0021__	463.50	20.22	0.00	12.20	1.68	3.14	1.00	12.75	0.55	11.45	1.10	5.86	5.86	7.02	0.68	0.64	0.64	0.92	117.08	1.09	1.27
Canalmagro_02	ca0022_a	486.50	20.24	0.00	12.05	1.80	2.70	0.67	12.44	0.39	12.29	1.73	4.35	4.35	7.61	0.86	0.75	0.75	0.99	167.91	1.04	1.11
Canalmagro_02	ca0022_b	487.50	20.24	0.00	12.05	1.80	2.71	0.67	12.44	0.39	12.26	1.72	4.35	4.35	7.60	0.86	0.75	0.75	0.98	376.72	1.04	1.11
Canalmagro_02	ca0023_c	492.00	20.24	0.00	12.02	1.71	2.78	0.70	12.42	0.40	11.96	1.66	4.39	4.39	7.72	0.83	0.73	0.73	0.94	333.20	1.03	1.08
Canalmagro_02	ca0023_d	493.00	20.24	0.00	12.01	1.70	2.79	0.77	12.42	0.41	11.93	1.65	4.39	4.39	7.70	0.83	0.72	0.72	0.94	147.45	1.03	1.08
Canalmagro_02	ca0024__	515.00	20.25	0.00	11.67	2.09	3.14	1.00	12.23	0.56	11.83	1.12	5.77	5.77	7.36	0.72	0.64	0.64	0.88	118.41	1.19	1.57
Canalmagro_02	ca0025__	546.50	20.29	0.00	11.17	1.92	3.13	1.00	11.73	0.56	11.96	1.12	5.79	5.79	7.26	0.73	0.65	0.65	0.89	125.95	1.12	1.35

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
Canalmagro_02	ca0026_a	579.00	20.32	0.00	10.90	1.51	3.14	0.84	11.40	0.50	11.21	1.44	4.49	4.49	7.23	0.72	0.65	0.65	0.90	166.38	1.02	1.05
Canalmagro_02	ca0026_b	580.00	20.32	0.00	10.85	1.47	3.23	0.87	11.39	0.53	11.14	1.40	4.49	4.49	7.15	0.70	0.63	0.63	0.88	366.80	1.02	1.06
Canalmagro_02	ca0027_c	586.00	20.32	0.00	10.84	1.55	3.16	0.84	11.36	0.51	11.22	1.44	4.47	4.47	7.50	0.72	0.64	0.64	0.86	388.23	1.00	1.01
Canalmagro_02	ca0027_d	587.00	20.32	0.00	10.79	1.50	3.29	0.89	11.34	0.55	11.13	1.39	4.47	4.47	7.39	0.70	0.62	0.62	0.84	167.94	1.00	1.01
Canalmagro_02	ca0028__	622.50	20.19	0.40	10.77	1.74	2.40	0.72	11.08	0.31	11.29	1.23	6.87	6.87	8.02	0.72	0.84	0.84	1.05	114.03	1.07	1.21
Canalmagro_02	ca0029__	665.50	20.15	0.10	10.25	1.42	3.05	1.00	10.75	0.50	10.62	1.01	6.53	6.53	7.42	0.60	0.66	0.66	0.89	110.35	1.07	1.18
Canalmagro_02	ca0030__	680.00	20.16	0.00	9.83	1.12	3.16	1.00	10.35	0.52	9.93	1.04	6.15	6.15	8.07	0.52	0.64	0.64	0.79	121.26	1.05	1.12
Canalmagro_02	ca0031_a	704.00	20.21	0.00	9.80	1.82	1.94	0.50	10.00	0.20	13.11	1.70	6.15	6.15	9.47	0.86	1.04	1.04	1.10	148.33	1.05	1.12
Canalmagro_02	ca0031_b	705.00	20.21	0.00	9.74	1.77	2.15	0.50	9.99	0.24	12.90	9999.99	6.14	6.14	15.34	0.89	0.94	0.94	0.99	321.76	1.09	1.28
Canalmagro_02	ca0032_c	732.00	20.22	0.00	9.64	1.79	2.32	0.60	9.91	0.28	11.78	1.57	5.58	5.58	8.64	0.80	0.87	0.87	1.01	364.84	1.05	1.15
Canalmagro_02	ca0032_d	733.00	20.45	0.00	9.62	1.78	2.37	0.61	9.91	0.29	11.79	1.55	5.58	5.58	8.60	0.79	0.86	0.86	1.00	160.93	1.05	1.15
Canalmagro_02	ca0033__	794.00	20.49	0.00	8.95	1.37	3.27	0.96	9.50	0.55	10.79	1.20	5.23	5.23	7.49	0.61	0.63	0.63	0.84	138.10	1.07	1.19
Canalmagro_02	ca0034__	844.00	20.51	0.00	8.74	1.54	2.67	0.73	9.11	0.37	10.94	1.37	5.62	5.62	8.45	0.69	0.77	0.77	0.91	151.24	1.02	1.05
Canalmagro_02	ca0035__	889.00	20.54	0.00	8.55	1.49	2.48	0.69	8.87	0.32	10.84	1.34	6.18	6.18	9.05	0.68	0.83	0.83	0.91	145.51	1.08	1.24
Canalmagro_02	ca0036__	923.00	20.56	0.00	8.39	1.42	2.49	0.69	8.71	0.32	10.78	1.33	6.20	6.20	8.98	0.67	0.83	0.83	0.92	144.49	1.04	1.11
Canalmagro_02	ca0037__	945.00	20.57	0.00	8.30	1.44	2.43	0.67	8.61	0.30	10.89	1.36	6.24	6.24	9.05	0.68	0.85	0.85	0.93	145.87	1.01	1.04
Canalmagro_02	ca0038__	1001.50	20.59	0.00	7.95	1.35	2.66	0.85	8.31	0.36	10.47	1.25	6.20	6.20	8.80	0.63	0.77	0.77	0.88	138.44	1.04	1.11
Canalmagro_02	ca0039__	1048.00	20.59	0.00	7.91	1.67	1.92	0.48	8.10	0.19	12.74	1.61	6.64	6.64	9.62	0.81	1.07	1.07	1.11	154.33	1.01	1.02
Canalmagro_02	ca0040__	1134.00	20.58	0.00	7.56	1.38	2.15	0.69	7.81	0.25	10.54	1.07	8.95	8.95	9.86	0.61	0.96	0.96	0.97	108.60	1.05	1.13
Canalmagro_02	ca0041__	1183.00	20.58	0.00	7.42	1.36	1.85	0.58	7.61	0.18	10.92	1.09	10.15	10.15	11.00	0.62	1.11	1.11	1.01	108.80	1.04	1.12
Canalmagro_02	ca0042__	1233.00	20.55	0.00	7.17	1.37	2.14	0.67	7.41	0.24	10.50	1.09	8.83	8.83	9.78	0.61	0.96	0.96	0.98	110.07	1.04	1.11
Canalmagro_02	ca0043__	1279.00	20.49	-1.06	6.99	1.27	2.07	0.71	7.21	0.23	10.16	1.02	9.73	9.73	10.57	0.57	0.99	0.99	0.94	106.56	1.04	1.11
Canalmagro_02	ca0044__	1348.00	20.38	0.00	6.82	1.48	1.77	0.52	6.98	0.16	11.61	1.29	9.06	9.06	10.90	0.69	1.17	1.17	1.07	124.59	1.02	1.06
Canalmagro_02	ca0045__	1380.00	20.32	0.03	6.78	1.64	1.60	0.45	6.91	0.13	12.76	1.38	9.40	9.40	11.42	0.74	1.29	1.29	1.13	128.74	1.03	1.09
Canalmagro_02	ca0046__	1405.00	20.27	0.00	6.75	1.55	1.55	0.43	6.87	0.13	13.04	1.39	9.59	9.59	11.61	0.74	1.33	1.33	1.15	127.66	1.03	1.07
Canalmagro_02	ca0047__	1445.00	20.20	0.00	6.60	1.48	1.95	0.55	6.78	0.20	11.15	1.32	8.10	8.10	10.22	0.68	1.07	1.07	1.05	126.48	1.03	1.09
Canalmagro_02	ca0048__	1503.50	20.03	0.00	6.44	1.50	1.99	0.63	6.62	0.21	11.31	1.22	8.86	8.86	10.10	0.68	1.08	1.08	1.07	114.93	1.05	1.13
Canalmagro_02	ca0049__	1542.00	19.85	0.00	6.39	1.53	1.70	0.54	6.52	0.15	12.36	1.29	9.88	9.88	11.18	0.71	1.27	1.27	1.14	116.08	1.04	1.12
Canalmagro_02	ca0050__	1592.50	19.73	0.06	6.33	1.68	1.53	0.47	6.44	0.12	13.70	1.37	10.17	10.17	11.46	0.77	1.40	1.40	1.22	122.96	1.04	1.10
Canalmagro_02	ca0051__	1648.50	19.60	0.11	6.22	1.66	1.72	0.49	6.35	0.15	13.10	1.61	7.61	7.61	10.72	0.81	1.22	1.22	1.14	150.65	1.01	1.01
Canalmagro_02	ca0052__	1677.50	19.39	-0.72	6.23	1.76	1.32	0.42	6.31	0.09	15.26	1.43	11.15	11.15	12.19	0.80	1.60	1.60	1.31	116.60	1.05	1.12
Canalmagro_02	ca0053__	1722.50	19.06	0.85	6.20	1.76	1.24	0.40	6.27	0.08	15.65	1.43	11.63	11.63	12.62	0.80	1.66	1.66	1.32	115.89	1.04	1.12
Canalmagro_02	ca0054__	1764.50	19.00	0.05	6.13	1.77	1.39	0.47	6.22	0.10	14.41	1.39	10.65	10.65	11.84	0.80	1.48	1.48	1.25	120.03	1.05	1.15
Canalmagro_02	ca0055__	1817.50	18.80	0.52	6.09	1.85	1.22	0.44	6.17	0.08	15.55	1.51	10.43	10.43	11.87	0.83	1.58	1.58	1.33	121.55	1.05	1.12
Canalmagro_02	CA0056A	1857.85	18.69	0.05	6.06	1.97	1.18	0.42	6.13	0.07	16.20	1.44	11.48	11.48	12.90	0.86	1.60	1.60	1.27	135.13	1.06	1.15
Canalmagro_02	CA0056B	1878.50	18.63	0.03	6.05	1.99	1.12	0.99	6.11	0.07	16.89	1.50	11.22	11.38	12.77	0.87	1.68	1.68	1.31	130.03	1.05	1.15
Canalmagro_02	CA0056B	1881.25	18.63	0.00	6.07	2.09	0.79	0.22	6.11	0.03	24.97	1.99	11.79	11.79	15.32	1.00	2.35	2.35	1.53	113.76	1.04	1.12
Canalmagro_02	CA0056C	1887.35	18.62	0.00	5.95	1.95	1.68	0.39	6.09	0.14	14.00	1.95	5.71	5.71	9.60	0.97	1.11	1.11	1.16	96.32	1.00	1.00
Canalmagro_02	CA0056D	1895.50	18.62	0.00	5.90	1.89	1.80	0.43	6.06	0.16	13.22	1.89	5.50	5.50	9.28	0.95	1.04	1.04	1.12	95.26	1.00	1.00
Canalmagro_02	CA0056E	1904.65	18.61	0.00	5.88	1.96	1.73	0.41	6.04	0.15	13.82	1.96	5.50	5.50	9.42	0.98	1.08	1.08	1.14	95.94	1.00	1.00
Canalmagro_02	CA0056F	1918.90	18.60	0.00	5.84	1.91	1.76	0.42	6.00	0.16	13.48	1.91	5.58	5.58	9.40	0.95	1.07	1.07	1.13	95.65	1.00	1.00
Canalmagro_02	CA0056G	1931.80	18.56	0.07	5.67	1.82	2.35	0.66	5.93	0.29	11.36	1.53	5.38	5.38	7.91	0.85	0.82	0.82	1.04	106.15	1.03	1.09

Tronchi	Sezioni	P [m]	q [m³/s]	s [m²/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
Canalmagro_02	CA0057__	1950.00	18.76	0.19	5.68	1.82	1.84	0.49	5.85	0.18	12.65	1.68	6.23	6.23	8.86	0.88	1.04	1.04	1.18	104.82	1.02	1.06
Canalmagro_02	CA0057A_	1962.45	18.69	0.11	5.61	1.94	2.13	0.66	5.81	0.25	11.91	1.28	7.72	7.72	8.93	0.81	0.99	0.99	1.11	126.17	1.08	1.23
Canalmagro_02	CA0057Aa	1998.00	18.51	0.26	5.67	2.22	1.13	0.28	5.73	0.07	19.48	1.88	9.17	9.17	11.37	1.01	1.72	1.72	1.52	141.90	1.04	1.10
Canalmagro_02	CA0057Ab	1999.00	18.50	0.00	5.58	2.13	1.58	0.21	5.71	0.13	17.76	9999.99	8.64	8.64	18.88	1.25	1.17	1.17	1.14	294.18	1.06	1.17
Canalmagro_02	CA0057Ac	2006.00	18.44	0.00	5.54	2.01	1.71	0.25	5.69	0.15	15.87	9999.99	8.48	8.48	18.66	1.17	1.08	1.08	1.06	269.41	1.03	1.06
Canalmagro_02	CA0058Ad	2007.00	18.43	0.00	5.58	2.05	1.25	0.33	5.66	0.08	16.70	1.71	9.08	9.08	11.36	0.93	1.56	1.56	1.37	141.22	1.03	1.08
Canalmagro_02	CA0058AA	2043.50	17.80	1.30	5.45	1.81	2.12	0.75	5.60	0.24	11.26	1.19	9.08	9.08	9.82	0.75	1.08	1.08	1.10	120.36	1.08	1.21
Canalmagro_02	CA0058AB	2104.50	16.53	5.05	5.39	1.96	1.36	0.42	5.49	0.10	12.51	1.34	9.08	9.08	9.82	0.82	1.22	1.22	1.24	120.92	1.08	1.21
Canalmagro_02	CA0058AC	2159.70	16.32	0.11	5.17	1.78	2.03	0.65	5.36	0.23	9.83	1.12	7.84	7.84	8.99	0.74	0.87	0.87	0.97	123.39	1.09	1.25
Canalmagro_02	CA0058A_	2293.60	13.44	5.18	5.08	2.33	0.92	0.25	5.12	0.05	15.51	1.57	9.34	9.34	10.41	0.97	1.47	1.47	1.41	123.63	1.08	1.24
Canalmagro_02	CA0058_M	2298.00	13.44	0.00	5.09	2.46	0.69	0.14	5.12	0.03	24.89	2.45	7.97	7.97	12.86	1.22	1.95	1.95	1.52	120.01	1.06	1.17
Canalmagro_02	CA0058__	2300.00	13.43	0.00	5.09	2.46	0.69	0.14	5.11	0.03	24.88	2.45	7.97	7.97	12.86	1.22	1.95	1.95	1.52	120.00	1.06	1.17
Canalmagro_02	CA0058B_	2305.00	13.43	0.00	5.03	2.38	1.25	0.26	5.11	0.08	14.46	2.38	4.50	4.50	9.26	1.19	1.07	1.07	1.16	142.68	1.00	1.00
Canalmagro_02	CA0058C_	2316.40	13.42	0.00	5.01	2.30	1.30	0.27	5.09	0.09	13.69	2.30	4.50	4.50	9.10	1.15	1.04	1.04	1.14	95.76	1.00	1.00
Canalmagro_02	CA0058D_	2324.45	13.42	0.00	4.99	2.29	1.30	0.27	5.08	0.09	13.62	2.29	4.51	4.51	9.09	1.15	1.03	1.03	1.14	95.73	1.00	1.00
Canalmagro_02	CA0058E_	2350.70	13.41	0.00	4.86	2.06	1.75	0.47	5.02	0.17	9.51	1.52	5.02	5.02	7.77	0.91	0.76	0.76	0.98	170.82	1.07	1.20
Canalmagro_02	CA0058F_	2354.45	13.40	0.01	4.89	2.08	1.48	0.43	5.01	0.12	9.70	1.33	6.79	6.79	8.19	0.83	0.91	0.91	1.11	118.68	1.10	1.29
Canalmagro_02	CA0058G_	2382.50	13.30	0.13	4.78	1.91	1.73	0.55	4.94	0.17	8.32	1.11	6.89	6.89	8.10	0.75	0.77	0.77	0.95	126.58	1.10	1.29
Canalmagro_02	CA0058H_	2485.95	12.95	0.25	4.45	1.72	1.87	0.60	4.64	0.19	7.42	1.08	6.43	6.43	7.49	0.68	0.70	0.70	0.93	112.09	1.09	1.28
Canalmagro_02	CA0058I_	2534.12	12.75	0.12	4.31	1.72	1.89	0.68	4.48	0.20	7.20	1.09	6.37	6.37	7.41	0.68	0.69	0.69	0.93	112.03	1.09	1.27
Canalmagro_02	CA0058L_	2615.70	12.35	0.11	4.24	2.12	1.18	0.34	4.31	0.08	10.72	1.38	7.76	7.76	9.19	0.86	1.07	1.07	1.17	124.58	1.09	1.27
Canalmagro_02	CA0059Aa	2621.00	12.33	0.00	4.24	2.12	1.18	0.34	4.31	0.08	10.68	1.38	7.75	7.75	9.18	0.86	1.07	1.07	1.16	124.54	1.09	1.27
Canalmagro_02	CA0059Ab	2622.00	12.33	0.00	4.23	2.13	1.26	0.16	4.31	0.08	13.87	9999.99	5.92	5.92	14.90	1.26	0.98	0.98	1.08	362.78	1.02	1.05
Canalmagro_02	CA0060Ac	2629.50	12.39	0.00	4.22	2.12	1.27	0.16	4.30	0.08	13.79	9999.99	5.92	5.92	14.89	1.25	0.98	0.98	1.08	362.80	1.02	1.05
Canalmagro_02	CA0060Ad	2630.50	12.39	0.00	4.22	2.13	1.24	0.36	4.30	0.09	10.39	1.38	7.50	8.15	9.31	0.85	1.04	1.04	1.11	132.12	1.10	1.28
Canalmagro_02	CA0060B_	2642.95	12.21	0.27	4.19	1.90	1.39	0.45	4.28	0.11	8.64	1.13	8.15	8.15	9.11	0.76	0.92	0.92	1.01	120.14	1.08	1.26
Canalmagro_02	CA0060C_	2701.76	11.52	0.84	4.11	2.10	1.38	0.43	4.20	0.11	8.62	1.16	7.60	7.60	8.79	0.80	0.88	0.88	1.00	130.00	1.10	1.28
Canalmagro_02	CA0060D_	2766.62	10.89	0.60	4.00	1.85	1.44	0.48	4.11	0.11	7.54	1.17	6.84	6.84	7.89	0.74	0.80	0.80	1.01	115.13	1.09	1.27
Canalmagro_02	CA0061Aa	2774.50	10.85	0.07	4.00	2.00	1.32	0.42	4.09	0.10	8.30	1.25	6.84	6.84	8.04	0.79	0.86	0.86	1.06	119.15	1.10	1.29
Canalmagro_02	CA0061Ab	2775.50	10.85	0.00	3.90	1.90	1.84	0.40	4.08	0.17	7.68	9999.99	3.55	3.55	10.17	0.96	0.59	0.59	0.87	439.05	1.02	1.04
Canalmagro_02	CA0062Ac	2781.50	10.86	0.00	3.89	1.91	1.85	0.41	4.06	0.18	7.49	9999.99	3.49	3.49	10.05	0.93	0.59	0.59	0.87	446.67	1.02	1.04
Canalmagro_02	CA0062Ad	2782.50	10.86	0.04	3.94	1.96	1.38	0.41	4.04	0.10	7.89	1.26	6.47	6.47	7.58	0.77	0.81	0.81	1.07	120.28	1.09	1.26
Canalmagro_02	CA0062B_	2800.53	10.75	0.42	3.91	1.87	1.41	0.42	4.01	0.11	7.53	1.24	6.33	6.33	7.42	0.75	0.79	0.79	1.06	117.23	1.09	1.26
Canalmagro_02	CA0062C_	2837.98	10.60	0.29	3.84	1.80	1.43	0.46	3.95	0.11	7.15	1.16	6.50	6.50	7.55	0.73	0.75	0.75	1.00	117.58	1.09	1.27
Canalmagro_02	CA0063Aa	2872.50	10.69	0.00	3.71	1.80	1.75	0.47	3.88	0.17	7.01	1.47	4.15	4.63	7.05	0.81	0.61	0.61	0.92	176.48	1.07	1.16
Canalmagro_02	CA0063Ab	2873.50	10.69	0.00	3.63	1.72	2.10	0.45	3.86	0.23	6.81	9999.99	3.96	3.96	9.98	0.87	0.51	0.51	0.85	335.29	1.06	1.15
Canalmagro_02	CA0064Ac	2880.50	10.69	0.00	3.61	1.68	1.99	0.39	3.81	0.20	6.90	9999.99	3.71	3.71	10.18	0.88	0.54	0.54	0.83	194.28	1.00	1.00
Canalmagro_02	CA0064Ad	2881.50	10.69	0.00	3.63	1.70	1.77	0.45	3.79	0.16	6.84	1.55	3.90	3.90	6.87	0.81	0.60	0.60	0.88	94.57	1.00	1.01
Canalmagro_02	CA0064B_	2889.32	10.68	0.03	3.67	1.67	1.22	0.38	3.75	0.08	7.40	1.11	7.92	9.04	8.81	0.68	0.88	0.89	0.99	109.30	1.08	1.23
Canalmagro_02	CA0064C_	2914.91	10.73	0.00	3.50	1.56	1.84	0.61	3.69	0.19	5.86	0.99	5.88	5.88	6.88	0.63	0.58	0.58	0.85	114.52	1.09	1.26
Canalmagro_02	CA0064D_	2977.37	10.59	0.00	3.31	1.57	2.34	1.02	3.48	0.30	5.73	0.91	6.55	6.55	7.43	0.61	0.60	0.60	0.80	113.86	1.09	1.26
Canalmagro_02	CA0065Aa	3000.50	10.51	0.00	3.35	2.10	0.98	0.26	3.40	0.05	11.25	1.60	6.82	6.82	9.31	0.93	1.09	1.09	1.17	162.97	1.05	1.12

Tronchi	Sezioni	P [m]	q [m³/s]	s [m²/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	$\beta$	$\alpha$
Canalmagro_02	CA0065Ab	3001.50	10.51	0.00	3.31	2.06	1.31	0.23	3.40	0.09	10.32	9999.99	5.14	5.14	13.16	1.11	0.80	0.80	1.00	208.42	1.00	1.01
Canalmagro_02	CA0066Ac	3005.50	10.53	0.00	3.31	2.15	1.24	0.21	3.39	0.08	11.21	9999.99	5.14	5.14	13.23	1.16	0.85	0.85	1.04	378.85	1.01	1.02
Canalmagro_02	CA0066Ad	3006.50	10.53	0.00	3.33	2.17	0.95	0.24	3.37	0.05	11.87	1.73	6.37	6.37	9.19	0.98	1.10	1.10	1.20	168.91	1.05	1.12
Canalmagro_02	CA0066B_	3017.34	10.51	0.02	3.27	1.90	1.39	0.42	3.36	0.10	7.62	1.30	6.10	6.43	7.78	0.77	0.79	0.80	1.02	136.60	1.06	1.16
Canalmagro_02	CA0067Aa	3029.50	10.78	0.00	3.23	1.96	1.52	0.44	3.34	0.12	7.61	1.37	5.68	5.68	7.66	0.80	0.74	0.74	0.99	154.13	1.06	1.14
Canalmagro_02	CA0067Ab	3030.50	10.78	0.00	3.08	1.81	2.16	0.53	3.32	0.24	6.72	9999.99	3.31	3.31	9.32	0.88	0.50	0.50	0.82	409.43	1.01	1.02
Canalmagro_02	CA0068Ac	3035.00	10.78	0.00	3.06	1.74	2.21	0.57	3.30	0.25	6.55	9999.99	3.31	3.31	9.09	0.85	0.49	0.49	0.84	369.03	1.04	1.10
Canalmagro_02	CA0068Ad	3036.00	10.78	0.00	3.11	1.79	1.64	0.49	3.25	0.14	6.81	1.35	4.93	4.93	6.78	0.74	0.66	0.66	0.98	138.03	1.05	1.13
Canalmagro_02	CA0068B_	3062.59	10.75	0.00	3.08	1.64	1.56	0.51	3.20	0.13	6.75	1.24	5.71	5.71	7.43	0.71	0.71	0.71	0.96	134.67	1.05	1.13
Canalmagro_02	CA0068C_	3073.26	10.73	0.00	3.07	1.69	1.43	0.44	3.18	0.11	7.30	1.31	5.79	5.79	7.71	0.75	0.76	0.76	0.99	140.91	1.05	1.13
Canalmagro_02	CA0068D_	3076.56	10.73	0.00	3.06	1.69	1.53	0.48	3.17	0.13	7.03	1.29	5.56	5.56	7.56	0.74	0.72	0.72	0.95	144.69	1.06	1.16
Canalmagro_02	CA0068E_	3103.54	10.52	0.86	3.04	1.78	1.37	0.44	3.13	0.10	7.36	1.23	6.47	6.47	7.53	0.74	0.80	0.80	1.06	118.93	1.08	1.21
Canalmagro_02	CA0069Aa	3143.00	10.34	0.24	2.98	1.81	1.43	0.47	3.08	0.11	7.13	1.24	6.10	6.10	7.36	0.74	0.76	0.76	1.03	120.95	1.08	1.24
Canalmagro_02	CA0069Ab	3144.00	10.33	0.00	2.99	1.82	1.19	0.29	3.06	0.07	9.17	2.48	4.80	4.80	9.71	0.91	0.87	0.87	1.01	207.19	1.00	1.00
Canalmagro_02	CA0070Ac	3148.00	10.32	0.00	2.98	1.75	1.23	0.31	3.05	0.08	8.62	1.75	4.80	4.80	8.30	0.87	0.84	0.84	1.01	207.53	1.00	1.00
Canalmagro_02	CA0070Ad	3149.00	10.32	0.00	2.96	1.73	1.31	0.42	3.05	0.09	7.54	1.27	6.43	6.89	8.38	0.75	0.82	0.82	1.02	132.80	1.08	1.22
Canalmagro_02	CA0070B_	3167.68	10.18	0.32	2.95	1.83	1.20	0.39	3.03	0.08	7.91	1.30	6.74	6.74	7.92	0.76	0.87	0.87	1.10	120.29	1.07	1.20
Canalmagro_02	CA0071Aa	3188.50	10.02	0.50	2.94	2.05	1.07	0.31	3.01	0.06	9.37	1.51	6.22	6.22	7.96	0.87	0.94	0.94	1.18	135.05	1.08	1.23
Canalmagro_02	CA0071Ab	3189.50	10.02	0.00	2.80	1.91	2.01	0.57	2.98	0.21	7.47	9999.99	3.87	3.87	12.91	1.11	0.51	0.51	0.74	186.51	1.00	1.00
Canalmagro_02	CA0072Ac	3194.00	10.02	0.00	2.74	1.81	2.28	0.72	2.94	0.27	6.94	9999.99	4.27	4.27	13.26	1.05	0.48	0.48	0.74	316.37	1.06	1.16
Canalmagro_02	CA0072Ad	3195.00	10.02	0.00	2.82	1.89	1.33	0.39	2.89	0.10	7.50	1.33	5.92	5.92	7.55	0.80	0.79	0.79	1.04	129.87	1.10	1.27
Canalmagro_02	CA0072B_	3214.35	9.97	0.00	2.80	1.59	1.31	0.43	2.87	0.09	6.68	1.12	7.21	7.21	8.29	0.68	0.81	0.81	0.98	117.71	1.07	1.20
Canalmagro_02	CA0072C_	3241.39	9.88	0.00	2.76	1.57	1.32	0.45	2.84	0.10	6.55	1.11	7.24	7.24	8.27	0.67	0.80	0.80	0.97	114.31	1.07	1.21
Canalmagro_02	CA0072D_	3302.39	9.60	0.23	2.69	1.61	1.30	0.44	2.76	0.09	6.56	1.08	7.50	7.50	8.50	0.67	0.81	0.81	0.95	120.76	1.07	1.20
Canalmagro_02	CA0072Ea	3334.65	9.43	0.06	2.68	1.94	1.01	0.29	2.73	0.06	9.59	1.40	7.12	7.12	8.95	0.87	1.00	1.00	1.12	138.83	1.09	1.24
Canalmagro_02	CA0072Eb	3335.65	9.42	0.00	2.68	1.94	1.05	0.25	2.73	0.06	10.07	1.94	4.85	4.85	8.73	0.97	0.94	0.94	1.08	255.03	1.03	1.08
Canalmagro_02	CA0072Fc	3339.65	9.41	0.00	2.68	1.94	1.05	0.25	2.73	0.06	10.06	1.94	4.85	4.85	8.73	0.97	0.94	0.94	1.08	222.48	1.02	1.07
Canalmagro_02	CA0072Fd	3340.65	9.41	0.00	2.68	1.94	1.03	0.29	2.73	0.06	9.47	1.49	6.56	6.56	8.48	0.87	0.98	0.98	1.15	134.80	1.09	1.24
Canalmagro_02	CA0072G_	3356.80	9.31	0.01	2.66	1.68	1.10	0.37	2.72	0.07	7.42	1.10	8.60	8.64	9.57	0.70	0.92	0.92	0.97	119.95	1.07	1.22
Canalmagro_02	CA0072H_	3383.74	9.18	0.00	2.60	1.49	1.37	0.85	2.68	0.10	5.87	1.05	7.15	7.15	8.10	0.62	0.75	0.75	0.92	111.00	1.07	1.19
Canalmagro_02	CA0072I_	3387.66	9.19	0.00	2.62	1.66	1.05	0.31	2.67	0.06	7.80	1.34	6.97	6.97	8.96	0.73	0.93	0.93	1.04	136.10	1.03	1.09
Canalmagro_02	CA0072L_	3392.53	9.19	0.00	2.61	1.68	1.07	0.31	2.67	0.06	7.91	1.38	6.62	6.62	8.74	0.76	0.91	0.91	1.04	141.47	1.04	1.10
Canalmagro_02	CA0072M_	3399.26	9.20	0.00	2.61	1.66	1.06	0.30	2.66	0.06	7.97	1.37	6.65	6.65	8.75	0.76	0.91	0.91	1.04	140.37	1.04	1.12
Canalmagro_02	CA0073Aa	3409.50	9.21	0.00	2.60	1.79	1.08	0.30	2.65	0.06	8.14	1.41	6.36	6.36	8.63	0.80	0.89	0.89	1.04	153.71	1.04	1.09
Canalmagro_02	CA0073Ab	3410.50	9.21	0.00	2.56	1.75	1.36	0.41	2.65	0.10	7.96	9999.99	5.87	5.87	18.56	0.93	0.72	0.72	0.63	240.00	1.03	1.07
Canalmagro_02	CA0074Ac	3415.00	9.19	0.00	2.55	1.87	1.33	0.40	2.64	0.09	8.27	9999.99	5.74	5.74	18.28	0.96	0.74	0.74	0.67	248.05	1.03	1.07
Canalmagro_02	CA0074Ad	3416.00	9.19	0.00	2.57	1.89	1.09	0.30	2.63	0.06	8.28	1.45	6.14	6.14	8.44	0.82	0.89	0.89	1.05	155.69	1.04	1.09
Canalmagro_02	CA0074B_	3423.81	9.19	0.00	2.56	1.71	1.13	0.32	2.62	0.07	7.68	1.37	6.27	6.27	8.45	0.77	0.86	0.86	1.02	148.40	1.04	1.11
Canalmagro_02	CA0075Aa	3434.00	9.15	0.85	2.55	1.74	1.10	0.31	2.61	0.06	7.83	1.39	6.27	8.64	8.30	0.78	0.87	0.93	1.05	148.19	1.04	1.10
Canalmagro_02	CA0075Ab	3435.00	9.14	0.00	2.53	1.72	1.33	0.49	2.61	0.09	8.07	9999.99	8.34	8.34	21.39	0.90	0.77	0.77	0.62	242.37	1.04	1.12
Canalmagro_02	CA0076Ac	3437.00	9.12	0.00	2.53	1.78	1.28	0.39	2.60	0.09	8.39	9999.99	6.13	8.28	19.51	0.94	0.77	0.82	0.66	250.42	1.05	1.14
Canalmagro_02	CA0076Ad	3438.00	9.11	0.11	2.54	1.79	1.04	0.29	2.59	0.06	8.42	1.42	6.52	8.66	8.61	0.81	0.93	0.97	1.08	150.33	1.04	1.10

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	$\beta$	$\alpha$
Canalmagro_02	CA0076Bd	3454.53	9.07	0.20	2.52	1.64	1.16	0.37	2.58	0.07	6.74	1.19	7.11	7.11	8.39	0.67	0.85	0.85	1.01	118.82	1.06	1.16
Canalmagro_02	CA0076AA	3471.53	9.01	0.06	2.51	1.78	1.06	0.34	2.56	0.06	7.71	1.12	8.27	8.27	9.20	0.73	0.93	0.93	1.01	121.20	1.08	1.22
Canalmagro_02	CA0076CA	3548.53	8.92	0.00	2.45	1.57	1.03	0.35	2.50	0.06	6.91	1.06	8.54	8.54	9.40	0.66	0.90	0.90	0.96	109.86	1.07	1.21
Canalmagro_02	CA0076DA	3565.90	8.90	0.00	2.41	1.68	1.36	0.47	2.48	0.10	5.78	1.03	6.82	6.82	7.90	0.66	0.70	0.70	0.89	117.08	1.09	1.27
Canalmagro_02	CA0076EA	3578.95	8.88	0.00	2.40	1.76	1.25	0.42	2.45	0.09	6.21	1.04	7.30	7.30	8.43	0.69	0.76	0.76	0.90	122.49	1.09	1.27
Canalmagro_02	CA0076EB	3585.95	8.86	0.00	2.41	1.80	0.87	0.28	2.44	0.04	8.26	1.04	10.27	10.27	11.22	0.72	1.06	1.06	0.95	132.87	1.08	1.21
Canalmagro_02	CA0076EC	3607.01	8.82	0.00	2.41	1.78	0.82	0.27	2.43	0.04	8.16	1.14	9.60	9.60	10.43	0.70	1.09	1.09	1.05	114.35	1.06	1.18
Canalmagro_02	ca0077_a	3646.00	8.94	0.00	2.39	2.13	1.02	0.24	2.42	0.05	9.47	1.92	4.67	4.67	8.08	0.99	0.90	0.90	1.11	191.44	1.03	1.09
Canalmagro_02	ca0077_b	3647.00	8.94	0.00	2.39	2.13	1.05	0.23	2.41	0.06	9.45	9999.99	4.66	4.66	12.55	1.04	0.85	0.85	1.08	414.76	1.03	1.09
Canalmagro_02	ca0078_c	3659.00	8.94	0.00	2.36	2.03	1.53	0.40	2.41	0.12	6.12	1.67	3.83	3.83	6.65	0.85	0.63	0.63	0.94	386.25	1.03	1.06
Canalmagro_02	ca0078_d	3660.00	8.94	0.00	2.36	2.03	1.53	0.40	2.41	0.12	6.09	1.62	3.85	3.85	6.54	0.85	0.62	0.62	0.95	168.95	1.03	1.06
Canalmagro_02	CA0078A_	3667.75	8.94	0.00	2.37	1.45	1.22	0.41	2.40	0.08	5.49	1.04	7.80	7.80	8.67	0.62	0.81	0.81	0.93	109.53	1.07	1.19
Canalmagro_02	CA0078B_	3685.70	8.92	0.00	2.36	1.56	1.18	0.38	2.39	0.08	6.02	1.10	7.67	7.67	8.65	0.66	0.84	0.84	0.97	112.39	1.07	1.20
Canalmagro_02	CA0078C_	3700.75	8.90	0.00	2.35	1.50	1.32	0.46	2.38	0.10	5.41	0.99	7.95	7.95	8.77	0.63	0.78	0.78	0.89	112.00	1.07	1.22
Canalmagro_02	CA0078D_	3716.00	8.88	0.00	2.35	1.46	1.25	0.46	2.37	0.09	5.52	0.94	9.07	9.07	9.83	0.60	0.86	0.86	0.87	104.60	1.07	1.22
Canalmagro_02	CA0078E_	3739.80	8.86	0.00	2.34	1.49	1.43	0.49	2.36	0.11	5.50	1.09	7.18	7.18	8.19	0.65	0.78	0.78	0.96	112.37	1.07	1.19
Canalmagro_02	CA0078F_	3765.15	8.83	0.00	2.32	1.57	2.39	0.94	2.35	0.31	5.04	1.04	6.91	6.91	7.83	0.64	0.72	0.72	0.92	109.56	1.08	1.23
Canalmagro_02	CA0079__	3781.00	8.72	0.86	2.32	1.61	2.06	1.00	2.34	0.23	6.09	1.16	7.22	7.22	8.24	0.69	0.84	0.84	1.02	113.48	1.07	1.20
Sale	sl1001__	2295.00	1.94	0.06	2.30	1.37	0.61	0.27	2.31	0.02	2.32	0.76	6.01	6.01	6.62	0.49	0.45	0.45	0.69	111.27	1.07	1.20
Sale	sl1002__	2353.30	1.89	0.16	2.30	1.38	0.57	0.25	2.31	0.02	2.37	0.76	6.04	6.04	6.65	0.50	0.46	0.46	0.69	111.31	1.07	1.20
Sale	sl1003__	2411.60	1.88	0.06	2.29	1.37	0.52	0.23	2.30	0.01	2.31	0.76	6.01	6.01	6.62	0.49	0.45	0.45	0.69	111.27	1.07	1.20
Sale	sl0001_a	2469.86	1.99	-1.15	2.28	1.36	0.25	0.10	2.29	0.00	4.63	0.98	8.38	8.38	9.18	0.56	0.82	0.82	0.89	96.95	1.07	1.19
Sale	sl0001_b	2471.86	1.99	0.00	2.28	1.36	0.34	0.10	2.29	0.01	3.61	1.30	5.37	5.37	9.11	0.59	0.60	0.60	0.66	326.35	1.05	1.14
Sale	sl0001_c	2502.86	2.00	0.00	2.28	1.36	0.33	0.10	2.29	0.01	3.73	1.33	5.34	5.34	9.20	0.61	0.61	0.61	0.66	332.19	1.06	1.15
Sale	sl0001_d	2504.86	2.54	0.00	2.28	1.46	0.31	0.09	2.29	0.00	5.26	1.17	7.13	7.13	8.74	0.62	0.84	0.84	0.96	110.54	1.04	1.11
Sale	sl0002_a	2602.86	2.16	0.35	2.26	1.35	0.32	0.23	2.27	0.01	2.79	0.53	16.84	16.84	18.89	0.38	0.72	0.72	0.39	132.37	1.20	1.62
Sale	sl0002_b	2607.86	2.15	0.00	2.24	1.32	1.06	0.60	2.26	0.06	1.16	9999.99	12.94	12.94	17.30	0.47	0.33	0.33	0.20	295.90	1.11	1.31
Sale	sl0002_c	2610.86	2.16	0.00	2.24	1.32	1.32	1.00	2.26	0.10	1.15	9999.99	12.92	12.92	17.27	0.52	0.33	0.33	0.20	296.38	1.18	1.50
Sale	sl0002_d	2615.86	2.10	0.59	2.25	1.33	0.37	0.34	2.26	0.01	2.70	0.54	16.81	16.81	18.86	0.38	0.70	0.70	0.41	132.26	1.20	1.63
Sale	sl0003aa	2694.76	1.40	1.15	2.23	1.47	0.46	0.20	2.23	0.01	1.93	0.93	7.84	10.11	12.36	0.53	0.38	0.38	0.47	240.22	1.32	1.93
Sale	sl0003ab	2696.76	1.39	0.00	2.21	1.45	0.72	0.28	2.23	0.03	1.60	3.57	2.79	2.79	7.52	0.76	0.20	0.20	0.37	293.84	1.13	1.40
Sale	sl0003ac	2780.21	1.35	0.00	2.17	1.43	0.80	0.28	2.17	0.04	1.50	3.80	2.48	2.48	7.26	0.77	0.19	0.19	0.36	294.62	1.13	1.41
Sale	sl0003ad	2782.21	1.35	0.05	2.17	1.43	0.29	0.15	2.17	0.01	2.55	0.78	6.53	6.53	8.11	0.50	0.51	0.51	0.63	163.68	1.18	1.51
Sale	sl0003_a	2942.86	1.49	0.00	2.17	1.39	0.71	0.28	2.17	0.03	1.38	0.93	2.57	2.57	4.23	0.58	0.24	0.24	0.56	144.28	1.14	1.40
Sale	sl0003_b	2947.86	1.49	0.00	2.17	1.39	0.49	0.13	2.17	0.01	2.37	9999.99	2.50	2.50	7.42	0.78	0.30	0.30	0.59	192.51	1.05	1.18
Sale	sl0003_c	2952.86	1.49	0.00	2.17	1.39	0.49	0.13	2.17	0.01	2.37	9999.99	2.50	2.50	7.42	0.78	0.30	0.30	0.59	192.47	1.05	1.18
Sale	sl0003_d	2957.86	1.49	-0.07	2.17	1.39	0.73	0.34	2.17	0.03	1.38	0.93	2.58	2.58	4.24	0.58	0.24	0.24	0.56	144.41	1.14	1.40
Sale	sl0004_a	2992.86	1.47	0.00	2.18	1.55	0.41	0.14	2.18	0.01	2.59	0.95	4.37	4.37	5.69	0.62	0.41	0.41	0.73	124.40	1.10	1.29
Sale	sl0004_b	2997.86	1.47	0.00	2.18	1.55	0.41	0.11	2.18	0.01	3.01	1.55	2.50	2.50	5.60	0.78	0.39	0.39	0.69	182.56	1.00	1.00
Sale	sl0004_c	3002.86	1.47	0.00	2.18	1.55	0.41	0.11	2.18	0.01	3.01	1.55	2.50	2.50	5.60	0.78	0.39	0.39	0.69	182.57	1.00	1.00
Sale	sl1004_d	3005.36	1.47	0.01	2.18	1.56	0.41	0.14	2.18	0.01	2.59	0.96	4.33	9.57	5.64	0.62	0.41	0.42	0.73	124.30	1.10	1.28
Sale	sl0004_d	3007.86	1.46	0.01	2.18	1.56	0.41	0.14	2.18	0.01	2.59	0.96	4.33	9.57	5.64	0.62	0.41	0.42	0.73	124.30	1.10	1.28



Tronchi	Sezioni	P [m]	q [m³/s]	s [m²/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
Sale	si0005__	3381.86	2.56	3.10	2.19	1.63	0.47	0.17	2.19	0.01	4.29	1.04	6.48	12.46	7.37	0.63	0.67	0.82	0.91	114.72	1.08	1.22
Sale	si0006_a	3911.54	3.29	0.99	2.22	1.71	1.06	0.44	2.22	0.06	5.17	1.22	5.79	5.79	6.84	0.72	0.71	0.71	1.04	114.94	1.09	1.25
Sale	si0006_b	3913.54	3.29	0.00	2.21	1.71	1.08	0.37	2.22	0.06	4.36	9999.99	3.10	3.10	8.80	1.06	0.40	0.40	0.68	181.44	1.00	1.00
Sale	si0006_c	3925.07	3.28	0.00	2.22	1.72	1.10	0.38	2.22	0.06	4.37	9999.99	3.10	3.10	8.80	1.07	0.40	0.40	0.68	181.32	1.00	1.00
Sale	si0006_d	3927.07	3.28	0.01	2.22	1.72	1.11	0.47	2.23	0.07	5.26	1.23	5.79	5.79	6.85	0.73	0.71	0.71	1.04	115.23	1.09	1.26
Sale	si1007__	4055.99	3.08	0.00	2.23	1.84	0.71	0.45	2.23	0.03	16.64	1.27	18.94	18.94	19.45	0.69	2.41	2.41	1.24	103.47	1.01	1.04
Sale	si0007__	4056.99	3.15	0.00	2.23	1.84	0.80	0.60	2.23	0.03	16.62	1.27	18.94	18.94	19.45	0.69	2.40	2.40	1.24	103.45	1.01	1.04
Sforza	si0010_b	4273.04	1.76	-1.66	1.99	1.78	1.22	0.57	2.02	0.08	1.79	9999.99	1.10	1.10	5.70	1.05	0.16	0.16	0.37	148.48	1.00	1.00
Sforza	si0011_c	4478.94	1.76	0.00	1.69	1.35	1.31	0.71	1.73	0.09	1.43	9999.99	1.99	1.99	6.12	0.85	0.16	0.16	0.31	340.66	1.18	1.54
Sforza	si0011_d	4480.94	1.94	0.00	1.71	1.37	1.00	0.55	1.71	0.05	2.86	1.00	4.75	4.75	5.98	0.60	0.47	0.47	0.79	117.08	1.09	1.26
Sforza	si0012__	4567.50	2.22	-0.70	1.71	1.76	0.34	0.14	1.71	0.01	7.18	1.29	6.95	26.05	8.24	0.80	0.90	2.03	1.09	141.81	1.06	1.16
Sforza	si0013_a	4659.46	2.35	-0.22	1.70	1.70	0.51	0.24	1.71	0.01	7.58	1.09	10.42	32.28	11.28	0.66	1.14	2.08	1.01	135.33	1.11	1.31
Sforza	si0013_b	4661.46	2.33	0.02	1.70	1.69	0.51	0.25	1.71	0.01	6.25	9999.99	6.67	32.28	20.01	0.85	0.73	1.83	0.80	242.07	1.06	1.17
Sforza	si0013_c	4662.96	2.30	0.03	1.70	1.69	0.51	0.25	1.71	0.01	6.25	9999.99	6.67	32.28	20.01	0.85	0.73	1.83	0.80	242.07	1.06	1.17
Sforza	si0013_d	4664.96	2.28	0.04	1.70	1.70	0.51	0.25	1.71	0.01	7.57	1.09	10.42	32.28	11.28	0.66	1.14	2.07	1.01	135.24	1.11	1.31
Sforza	si0014_a	4692.64	2.16	0.45	1.70	1.63	0.58	0.30	1.70	0.02	7.35	1.08	10.42	32.28	11.26	0.65	1.12	2.06	1.00	134.03	1.11	1.30
Sforza	si0014_b	4694.64	2.16	-0.31	1.62	1.55	1.55	0.67	1.69	0.12	2.04	9999.99	2.00	2.00	7.40	1.15	0.16	0.16	0.41	153.42	1.00	1.00
Sforza	si0014_c	4697.44	2.16	-0.07	1.60	1.53	1.60	1.00	1.67	0.13	1.98	9999.99	2.00	2.00	7.40	1.14	0.16	0.16	0.41	153.20	1.00	1.00
Sforza	si0014_d	4699.44	2.27	-0.14	1.64	1.57	0.99	0.65	1.64	0.05	5.63	0.96	9.86	15.63	10.74	0.59	0.95	1.08	0.88	134.48	1.14	1.38
Sforza	si0015__	4711.94	1.24	1.00	1.64	1.51	-0.34	0.18	1.64	0.01	5.31	0.94	9.86	15.63	10.67	0.57	0.93	1.07	0.87	129.91	1.13	1.36
Sforza	si0016_a	4727.04	1.22	0.00	1.64	1.44	-0.38	0.21	1.64	0.01	4.62	0.98	8.12	8.12	9.70	0.58	0.79	0.79	0.82	128.66	1.12	1.31
Sforza	si0016_b	4728.04	1.22	0.00	1.60	1.40	-1.70	1.01	1.63	0.15	0.98	9999.99	1.00	1.00	4.00	0.90	0.10	0.10	0.33	143.06	1.00	1.00
Sforza	si0016_d	4744.96	1.22	0.00	1.54	1.91	1.42	0.00	1.59	0.10	1.34	9999.99	0.00	0.00	3.72	1.48	0.09	0.09	0.23	126.64	1.00	1.00











Cassa	H [m]	V [m <sup>3</sup> ]	s [m <sup>3</sup> /s]
APE_I1	7.12	3213.02	1.48
APE_I2	6.39	6011.58	1.57
APE_I3	12.93	1150.21	0.36
bidi_canalmag	1.36	169284.60	28.70

Portella	s [m <sup>3</sup> /s]
PAR_93	1.06
PAR_94	0.72
PAR_92	0.30
PAR_106	-1.66
PAR_105	0.86
PAR_79	0.00
PAR_80	0.00
PAR_81	0.00
PAR_82	0.00
PAR_83	0.00
PAR_84	0.00
PAR_85	0.00
PAR_86	0.00
PAR_87	0.00
PAR_90	0.00
PAR_89	0.00
PAR_88	0.00
PAR_91	0.00
PAR_98	-0.06
PAR_97	0.53
PAR_95	0.28
PAR_96	0.43
PAR_72	0.00
PAR_71	0.00
PAR_69	0.00
PAR_68	0.00
PAR_67	0.00
PAR_70	0.00
PAR_66	0.00
PAR_65	0.00
PAR_63	0.00
PAR_62	0.00
PAR_64	0.00
PAR_61	0.00
PAR_60	0.00
PAR_59	0.00
PAR_58	0.00
PAR_57	0.00

Idrovora	s [m <sup>3</sup> /s]
ID001_	0.50
ID002_	0.50

PAR_56	0.00
PAR_55	0.00
PAR_99	0.00
PAR_100	0.00
PAR_101	0.00
PAR_102	0.00
PAR_103	0.00



## STATO ATTUALE

CANALMAGRO - Tabulati verifiche idrauliche  $Tr = 200$  anni

Tronchi	Sezioni	P	q	s	h	y	V	Fr	Et	Ev	Sp	ym	b	bt	B	Pb	A	At	R	C2	β	α
		[m]	[m³/s]	[m³/s]	[m]	[m]	[m/s]		[m]	[m]	[t]	[m]	[m]	[m]	[m]	[m]	[dmq]	[dmq]	[m]			
Canalmagro_01	CA1042__	-935.40	12.55	0.00	68.63	1.07	2.68	1.00	69.01	0.38	5.51	0.76	6.20	6.20	6.85	0.42	0.47	0.47	0.68	62.13	1.05	1.12
Canalmagro_01	CA1041__	-903.95	12.60	0.00	67.53	1.02	2.58	1.00	67.86	0.36	5.62	0.71	8.06	13.71	14.44	0.43	0.52	0.52	0.64	114.82	1.10	1.26
Canalmagro_01	CA1040_b	-903.70	12.60	0.00	66.72	1.21	0.78	0.23	66.75	0.03	10.31	1.15	14.09	14.09	16.30	0.58	1.62	1.62	0.99	71.16	1.00	1.00
Canalmagro_01	CA1040__	-897.73	12.62	0.00	66.73	1.68	0.58	0.15	66.75	0.02	17.55	1.49	14.57	14.57	17.13	0.78	2.17	2.17	1.26	81.66	1.01	1.03
Canalmagro_01	CA1039_a	-891.99	12.65	0.00	66.73	2.11	0.48	0.12	66.74	0.01	25.32	1.72	15.33	15.33	17.72	0.93	2.64	2.64	1.49	89.05	1.01	1.03
Canalmagro_01	CA1039__	-891.74	12.65	0.00	66.60	0.64	1.69	0.77	66.73	0.15	4.20	0.51	14.96	14.96	15.23	0.27	0.77	0.77	0.51	49.76	1.08	1.23
Canalmagro_01	CA1039_b	-890.74	12.65	0.00	66.50	0.54	2.03	1.00	66.71	0.21	4.06	0.43	14.69	14.69	14.89	0.23	0.62	0.62	0.42	46.54	1.11	1.29
Canalmagro_01	CA1038_b	-889.74	12.65	0.00	64.58	0.62	2.10	1.00	64.81	0.23	4.17	0.46	13.26	13.26	13.89	0.24	0.60	0.60	0.43	48.98	1.07	1.19
Canalmagro_01	CA1038__	-844.22	12.62	0.00	61.60	1.03	2.44	1.00	61.91	0.31	5.04	0.62	8.31	8.31	8.79	0.35	0.52	0.52	0.59	56.26	1.11	1.30
Canalmagro_01	CA1037__	-781.25	12.59	0.00	58.18	1.05	2.62	1.00	58.54	0.36	5.49	0.73	6.59	6.59	7.17	0.41	0.48	0.48	0.67	61.33	1.05	1.14
Canalmagro_01	CA1036__	-692.14	12.69	0.00	54.66	0.90	2.55	1.00	55.00	0.34	5.33	0.69	7.25	7.25	7.72	0.39	0.50	0.50	0.64	59.51	1.04	1.10
Canalmagro_01	CA1035__	-645.94	12.74	0.00	52.85	1.07	2.27	1.00	53.13	0.28	5.36	0.56	9.93	9.93	10.20	0.39	0.56	0.56	0.55	68.96	1.07	1.19
Canalmagro_01	CA1034_5	-645.69	12.74	0.00	52.19	1.04	2.44	1.00	52.51	0.32	5.40	0.64	8.15	8.15	8.46	0.40	0.52	0.52	0.62	62.91	1.06	1.18
Canalmagro_01	CA1034_4	-644.11	12.74	0.00	51.79	0.91	2.37	1.00	52.09	0.30	5.09	0.60	9.00	9.00	9.25	0.35	0.54	0.54	0.58	59.51	1.04	1.10
Canalmagro_01	CA1034_3	-643.86	12.74	0.00	51.54	1.08	2.49	1.00	51.87	0.33	5.43	0.66	7.77	7.77	8.12	0.40	0.51	0.51	0.63	63.37	1.04	1.11
Canalmagro_01	CA1034_2	-641.20	12.74	0.00	51.01	0.96	2.47	1.00	51.33	0.32	5.29	0.65	7.95	7.95	8.28	0.38	0.51	0.51	0.62	61.59	1.04	1.10
Canalmagro_01	CA1034_1	-640.95	12.74	0.00	50.76	1.17	2.58	1.00	51.12	0.36	5.66	0.71	6.94	6.94	7.39	0.43	0.49	0.49	0.67	64.04	1.05	1.14
Canalmagro_01	CA1034_a	-638.12	12.74	0.00	49.98	1.05	2.74	1.00	50.39	0.40	5.88	0.81	5.77	5.77	6.53	0.46	0.46	0.46	0.71	64.98	1.05	1.14
Canalmagro_01	CA1033_b	-636.34	12.75	0.00	49.53	0.91	2.60	1.00	49.89	0.36	5.37	0.71	7.03	7.03	8.21	0.38	0.49	0.49	0.60	100.29	1.04	1.11
Canalmagro_01	CA1032_c	-627.63	12.76	0.00	49.29	0.96	2.51	1.00	49.62	0.33	5.24	0.67	7.60	7.60	8.34	0.36	0.51	0.51	0.61	92.31	1.06	1.18
Canalmagro_01	CA1031_d	-626.38	12.76	0.00	49.11	0.96	2.51	1.00	49.44	0.33	5.22	0.67	7.60	7.60	8.33	0.36	0.51	0.51	0.61	54.71	1.07	1.20
Canalmagro_01	CA1030__	-623.89	12.76	0.00	48.96	1.02	2.49	1.00	49.28	0.33	5.16	0.65	7.87	7.87	8.58	0.36	0.51	0.51	0.60	58.03	1.08	1.25
Canalmagro_01	CA1029__	-600.10	12.77	0.00	47.99	0.99	2.30	1.00	48.27	0.28	5.10	0.57	9.74	9.74	9.97	0.35	0.55	0.55	0.56	58.90	1.09	1.29
Canalmagro_01	CA1028__	-595.66	12.77	0.00	45.67	1.09	2.61	1.00	46.03	0.37	5.74	0.74	6.64	6.64	7.18	0.44	0.49	0.49	0.68	63.42	1.06	1.17
Canalmagro_01	CA1027__	-590.26	12.77	0.00	43.30	1.07	2.84	1.00	43.73	0.43	5.99	0.86	5.25	5.25	6.20	0.47	0.45	0.45	0.73	68.14	1.05	1.14
Canalmagro_01	CA1026__	-564.44	12.74	0.00	41.87	1.23	2.98	1.00	42.34	0.47	6.24	0.94	4.53	4.53	5.63	0.52	0.43	0.43	0.76	72.55	1.04	1.13
Canalmagro_01	CA1025__	-535.65	12.71	0.00	41.20	0.97	2.88	1.00	41.64	0.43	5.83	0.87	5.10	5.10	6.38	0.45	0.44	0.44	0.69	69.73	1.06	1.18
Canalmagro_01	CA1024__	-524.99	12.71	0.00	39.36	1.06	2.85	1.00	39.79	0.43	5.93	0.86	5.19	5.19	6.21	0.47	0.45	0.45	0.72	68.62	1.04	1.10
Canalmagro_01	CA1023__	-493.01	12.69	0.00	38.38	1.04	2.79	1.00	38.79	0.41	5.75	0.81	5.60	5.60	6.53	0.45	0.46	0.46	0.70	68.82	1.04	1.12
Canalmagro_01	CA1022_a	-483.97	12.68	0.00	36.87	1.15	2.19	0.70	37.12	0.25	6.17	1.13	5.14	5.14	7.30	0.57	0.58	0.58	0.80	86.20	1.01	1.02
Canalmagro_01	CA1021_b	-482.90	12.68	0.00	36.64	0.91	2.95	0.99	37.07	0.45	5.83	0.96	4.97	4.97	6.59	0.46	0.44	0.44	0.67	110.26	1.03	1.06
Canalmagro_01	CA1021_c	-456.86	12.71	0.00	36.29	0.88	2.97	1.00	36.75	0.46	5.84	0.92	4.98	4.98	6.80	0.44	0.43	0.43	0.63	112.36	1.06	1.19
Canalmagro_01	CA1020_d	-455.66	12.71	0.00	35.93	0.86	2.87	1.00	36.35	0.42	5.62	0.84	5.25	5.25	6.86	0.42	0.44	0.44	0.65	72.27	1.01	1.02
Canalmagro_01	CA1019__	-443.98	12.69	0.00	35.48	1.01	2.88	1.00	35.92	0.43	5.77	0.86	5.10	5.10	6.24	0.45	0.44	0.44	0.71	68.50	1.04	1.12
Canalmagro_01	CA1018_b	-443.73	12.69	0.00	34.58	1.27	2.87	1.00	35.02	0.44	6.17	0.89	5.00	5.00	5.89	0.51	0.44	0.44	0.75	69.19	1.06	1.17
Canalmagro_01	CA1018__	-434.65	12.68	0.00	32.32	1.55	2.80	1.00	32.76	0.45	6.69	0.89	5.08	5.08	6.34	0.59	0.45	0.45	0.71	79.53	1.12	1.34
Canalmagro_01	CA1017__	-379.16	12.65	0.00	29.55	1.16	2.90	1.00	29.99	0.44	5.86	0.88	4.94	4.94	6.05	0.47	0.44	0.44	0.72	68.42	1.06	1.16
Canalmagro_01	CA1016__	-337.36	12.69	0.00	27.89	1.03	2.69	1.00	28.27	0.38	5.64	0.77	6.15	6.15	7.03	0.43	0.47	0.47	0.67	67.09	1.05	1.13
Canalmagro_01	CA1015__	-295.66	12.76	0.00	26.35	1.31	2.78	1.00	26.76	0.42	6.27	0.84	5.50	5.50	6.41	0.53	0.46	0.46	0.72	77.20	1.07	1.17
Canalmagro_01	CA1014__	-255.38	12.83	0.00	25.03	1.32	2.47	1.00	25.38	0.34	5.95	0.68	7.59	7.59	8.45	0.46	0.52	0.52	0.61	87.08	1.12	1.33
Canalmagro_01	CA1013__	-214.60	12.89	0.00	23.50	1.15	2.63	1.00	23.87	0.37	5.79	0.74	6.59	6.59	7.14	0.44	0.49	0.49	0.69	65.72	1.06	1.15
Canalmagro_01	CA1012__	-156.57	13.26	0.00	21.93	1.33	2.77	1.00	22.34	0.41	6.31	0.83	5.79	5.79	6.60	0.49	0.48	0.48	0.73	68.13	1.10	1.27

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	$\beta$	$\alpha$
Canalmagro_01	CA1011__	-106.43	13.28	0.00	20.30	1.14	2.52	1.00	20.64	0.34	5.67	0.68	7.73	7.73	8.27	0.40	0.53	0.53	0.64	60.52	1.12	1.35
Canalmagro_01	CA1010__	-62.24	13.28	0.00	18.93	0.82	2.32	1.00	19.21	0.28	4.95	0.56	10.21	10.21	10.60	0.30	0.57	0.57	0.54	52.83	1.13	1.37
Canalmagro_01	CA1009__	-32.81	14.54	0.00	17.87	0.82	2.42	1.00	18.16	0.31	5.69	0.63	9.86	9.86	10.29	0.34	0.62	0.62	0.60	56.63	1.04	1.11
Canalmagro_01	CA1008__	-23.31	14.49	0.00	18.03	2.52	0.85	0.40	18.05	0.04	29.93	1.98	13.13	13.13	15.19	1.12	2.59	2.59	1.71	90.42	1.05	1.12
Canalmagro_01	ca0001_a	0.00	14.32	0.59	18.04	2.70	0.77	0.48	18.05	0.03	40.32	2.13	15.97	15.97	18.97	1.17	3.41	3.41	1.80	95.34	1.18	1.57
Canalmagro_01	ca0001_b	1.00	14.35	0.00	18.04	2.69	1.26	1.00	18.05	0.09	31.86	2.60	11.25	11.25	21.04	1.22	2.55	2.55	1.21	206.39	1.20	1.64
Canalmagro_01	ca0002_c	11.00	14.62	0.00	18.03	2.65	0.86	0.72	18.04	0.04	37.67	2.91	11.20	11.20	29.16	1.33	2.78	2.78	0.95	292.18	1.05	1.13
Canalmagro_01	ca0002_d	12.00	14.64	0.00	18.03	2.65	0.91	1.00	18.04	0.04	44.98	2.59	13.20	13.20	16.72	1.30	3.42	3.42	2.05	94.26	1.06	1.18
Canalmagro_02	ca0002_d	12.00	14.09	0.57	18.03	2.65	0.91	1.00	18.04	0.04	44.95	2.59	13.20	13.20	16.72	1.30	3.42	3.42	2.05	147.29	1.06	1.18
Canalmagro_02	ca0003_a	16.50	13.16	1.63	18.03	2.96	0.49	0.17	18.03	0.01	55.31	2.17	19.03	19.03	22.19	1.33	4.12	4.12	1.86	179.33	1.06	1.14
Canalmagro_02	ca0003_b	17.50	13.19	0.00	18.02	2.94	1.07	0.29	18.03	0.06	38.09	9999.99	12.16	12.16	37.27	1.73	2.16	2.16	0.76	236.88	1.03	1.09
Canalmagro_02	ca0004_c	30.50	28.84	0.00	17.98	2.82	1.80	0.54	18.03	0.17	45.94	9999.99	17.96	18.00	51.40	1.49	2.89	2.89	0.75	259.74	1.10	1.29
Canalmagro_02	ca0004_d	31.50	28.73	0.16	17.99	2.83	1.07	0.47	18.01	0.06	54.49	2.29	18.00	18.00	23.15	1.27	4.12	4.12	1.78	166.68	1.06	1.15
Canalmagro_02	ca0005_a	76.50	24.79	7.50	17.91	3.02	3.50	1.00	18.02	0.63	25.64	2.67	5.68	8.37	8.88	1.46	1.52	2.80	1.71	200.55	1.04	1.08
Canalmagro_02	ca0005_b	77.50	24.82	0.00	17.00	2.11	4.14	1.00	17.72	0.88	17.73	9999.99	4.37	15.34	15.80	1.39	0.61	1.09	0.83	364.33	1.00	1.01
Canalmagro_02	ca0006_c	83.00	24.83	0.00	17.01	2.23	4.15	1.02	17.70	0.88	16.88	9999.99	4.36	12.62	15.80	1.40	0.61	0.98	0.82	363.16	1.03	1.09
Canalmagro_02	ca0006_d	84.00	24.84	0.00	16.43	1.65	3.65	1.00	17.12	0.70	14.53	1.39	4.94	5.95	8.95	0.74	0.68	0.68	0.84	200.04	1.04	1.12
Canalmagro_02	ca0007__	99.00	24.78	0.00	16.18	1.76	3.45	1.00	16.81	0.64	14.42	1.27	5.64	5.64	7.61	0.73	0.72	0.72	0.94	140.04	1.07	1.18
Canalmagro_02	ca0008__	124.00	24.67	0.00	16.06	1.85	2.81	1.00	16.48	0.42	14.27	1.36	6.51	6.51	8.23	0.78	0.88	0.88	1.07	133.28	1.05	1.15
Canalmagro_02	ca0009__	149.00	24.57	0.00	15.68	2.19	3.24	1.00	16.27	0.60	14.88	1.19	6.34	6.34	8.11	0.77	0.76	0.76	0.93	127.99	1.14	1.37
Canalmagro_02	ca0010__	179.00	24.51	0.00	15.34	1.74	3.17	1.00	15.90	0.55	13.83	1.11	6.98	6.98	8.00	0.68	0.77	0.77	0.97	116.71	1.08	1.23
Canalmagro_02	ca0011__	205.00	24.44	0.00	15.06	1.53	3.10	1.00	15.58	0.53	13.39	1.06	7.45	7.45	8.37	0.65	0.79	0.79	0.94	111.79	1.07	1.21
Canalmagro_02	ca0012__	235.00	24.32	0.01	14.70	1.60	3.12	1.00	15.23	0.53	13.33	1.06	7.32	7.32	8.21	0.65	0.78	0.78	0.95	115.06	1.07	1.20
Canalmagro_02	ca0013_a	272.50	22.57	2.46	14.76	2.28	1.59	0.37	14.89	0.13	19.70	2.06	7.07	7.07	10.20	1.11	1.46	1.46	1.43	108.10	1.01	1.02
Canalmagro_02	ca0013_b	273.50	22.57	0.00	14.48	2.00	2.64	0.35	14.84	0.36	16.97	9999.99	6.29	6.29	15.78	1.27	0.85	0.85	0.94	202.14	1.00	1.00
Canalmagro_02	ca0014_c	278.50	22.57	0.00	14.51	2.34	2.10	0.26	14.74	0.23	20.02	9999.99	6.38	6.38	16.43	1.41	1.07	1.07	1.09	368.77	1.03	1.09
Canalmagro_02	ca0014_d	279.50	22.56	0.01	14.53	2.36	1.52	0.34	14.65	0.12	20.25	2.04	7.28	7.28	10.92	1.12	1.48	1.48	1.36	192.43	1.02	1.04
Canalmagro_02	ca0015__	301.50	22.64	0.00	13.97	1.63	3.15	1.00	14.51	0.55	12.71	1.10	6.53	6.53	7.62	0.67	0.72	0.72	0.94	116.87	1.08	1.23
Canalmagro_02	ca0016__	331.50	22.71	0.01	13.61	1.75	3.09	1.00	14.15	0.53	12.83	1.07	6.88	6.88	7.88	0.68	0.73	0.73	0.93	114.02	1.09	1.27
Canalmagro_02	ca0017__	366.00	22.79	-0.33	13.15	1.92	3.14	1.00	13.70	0.55	13.08	1.11	6.55	6.55	7.92	0.70	0.73	0.73	0.92	116.32	1.16	1.49
Canalmagro_02	ca0018_a	405.50	22.55	0.64	13.17	2.59	1.40	0.31	13.27	0.10	23.07	2.21	7.28	7.28	10.95	1.23	1.61	1.61	1.47	186.15	1.02	1.05
Canalmagro_02	ca0018_b	406.50	22.55	0.00	13.02	2.45	2.07	0.24	13.24	0.22	20.96	9999.99	6.30	6.30	15.78	1.49	1.09	1.09	1.13	339.88	1.06	1.16
Canalmagro_02	ca0019_c	411.00	22.53	0.00	12.97	2.21	2.21	0.25	13.22	0.25	19.19	9999.99	6.38	6.38	15.92	1.38	1.02	1.02	1.03	341.87	1.01	1.01
Canalmagro_02	ca0019_d	412.00	22.53	0.00	13.05	2.28	1.54	0.35	13.17	0.12	19.92	2.06	7.12	7.12	10.82	1.12	1.46	1.46	1.35	192.32	1.02	1.04
Canalmagro_02	ca0020__	434.00	22.35	0.45	12.76	2.00	2.43	0.74	13.09	0.33	13.48	1.34	6.86	6.86	7.96	0.81	0.92	0.92	1.15	116.76	1.09	1.26
Canalmagro_02	ca0021__	463.50	22.40	0.00	12.29	1.77	3.21	1.00	12.87	0.57	13.01	1.15	6.06	6.06	7.29	0.71	0.70	0.70	0.96	118.69	1.09	1.28
Canalmagro_02	ca0022_a	486.50	22.43	0.00	12.12	1.87	2.87	0.70	12.56	0.44	13.88	1.80	4.35	4.35	7.75	0.90	0.78	0.78	1.01	172.87	1.05	1.11
Canalmagro_02	ca0022_b	487.50	22.43	0.00	12.11	1.86	2.89	0.70	12.56	0.44	13.85	1.79	4.35	4.35	7.74	0.89	0.78	0.78	1.00	387.54	1.05	1.11
Canalmagro_02	ca0023_c	492.00	22.43	0.00	12.08	1.78	2.96	0.73	12.54	0.46	13.51	1.72	4.39	4.39	7.85	0.87	0.76	0.76	0.96	342.69	1.03	1.08
Canalmagro_02	ca0023_d	493.00	22.43	0.00	12.07	1.76	2.99	0.77	12.54	0.47	13.47	1.71	4.39	4.39	7.82	0.86	0.75	0.75	0.96	151.46	1.03	1.08
Canalmagro_02	ca0024__	515.00	22.45	0.00	11.76	2.18	3.21	1.00	12.34	0.58	13.41	1.17	5.99	5.99	7.65	0.75	0.70	0.70	0.91	119.64	1.19	1.57
Canalmagro_02	ca0025__	546.50	22.49	0.00	11.27	2.02	3.20	1.00	11.85	0.58	13.55	1.17	6.02	6.02	7.55	0.76	0.70	0.70	0.93	127.02	1.12	1.36

Tronchi	Sezioni	P	q	s	h	y	V	Fr	Et	Ev	Sp	ym	b	bt	B	Pb	A	At	R	C2	β	α
		[m]	[m <sup>2</sup> /s]	[m <sup>3</sup> /s]	[m]	[m]	[m/s]		[m]	[m]	[t]	[m]	[m]	[m]	[m]	[m]	[dmq]	[dmq]	[m]			
Canalmagro_02	ca0026_a	579.00	22.43	0.00	11.14	1.76	3.15	0.84	11.58	0.51	13.18	1.48	5.19	5.19	8.25	0.84	0.77	0.77	0.93	193.65	1.02	1.05
Canalmagro_02	ca0026_b	580.00	22.42	0.00	10.97	1.59	3.32	0.88	11.55	0.57	12.94	9.34	4.49	4.49	11.12	0.77	0.67	0.67	0.89	371.29	1.02	1.06
Canalmagro_02	ca0027_c	586.00	22.42	0.00	10.94	1.65	3.26	0.85	11.49	0.54	12.79	1.54	4.47	4.47	7.71	0.77	0.69	0.69	0.89	408.27	1.00	1.01
Canalmagro_02	ca0027_d	587.00	22.42	0.00	10.83	1.54	3.51	0.94	11.47	0.63	12.64	1.43	4.47	4.47	7.48	0.72	0.64	0.64	0.85	171.76	1.00	1.01
Canalmagro_02	ca0028__	622.50	22.26	0.74	10.84	1.82	2.49	0.73	11.18	0.34	12.71	1.29	6.95	6.95	8.13	0.75	0.90	0.90	1.10	115.29	1.07	1.21
Canalmagro_02	ca0029__	665.50	22.18	0.24	10.32	1.49	3.13	1.00	10.85	0.53	11.97	1.07	6.62	6.62	7.53	0.63	0.71	0.71	0.94	111.59	1.07	1.18
Canalmagro_02	ca0030__	680.00	22.19	0.00	9.90	1.19	3.26	1.00	10.45	0.55	11.28	1.10	6.17	6.17	8.22	0.56	0.68	0.68	0.83	125.63	1.05	1.12
Canalmagro_02	ca0031_a	704.00	22.22	0.00	9.92	1.95	1.98	0.50	10.13	0.21	15.00	1.82	6.15	6.15	9.72	0.92	1.12	1.12	1.15	155.03	1.05	1.12
Canalmagro_02	ca0031_b	705.00	22.22	0.00	9.82	1.85	2.37	0.50	10.11	0.29	14.56	9999.99	6.14	6.14	15.34	0.97	0.94	0.94	0.99	316.83	1.08	1.22
Canalmagro_02	ca0032_c	732.00	22.29	0.00	9.74	1.90	2.40	0.59	10.04	0.30	13.42	1.77	5.58	5.58	9.16	0.85	0.93	0.93	1.02	381.59	1.05	1.14
Canalmagro_02	ca0032_d	733.00	22.62	0.00	9.72	1.88	2.46	0.62	10.03	0.31	13.45	1.65	5.59	5.59	8.81	0.84	0.92	0.92	1.05	167.93	1.05	1.15
Canalmagro_02	ca0033__	794.00	22.64	0.00	9.02	1.44	3.42	0.98	9.62	0.61	12.30	1.26	5.25	5.25	7.62	0.65	0.66	0.66	0.87	142.42	1.07	1.19
Canalmagro_02	ca0034__	844.00	22.63	0.00	8.81	1.61	2.79	0.75	9.21	0.40	12.39	1.44	5.63	5.63	8.59	0.73	0.81	0.81	0.94	156.16	1.02	1.05
Canalmagro_02	ca0035__	889.00	22.61	0.00	8.63	1.57	2.59	0.70	8.97	0.34	12.26	1.41	6.19	6.19	9.20	0.71	0.87	0.87	0.95	150.33	1.08	1.24
Canalmagro_02	ca0036__	923.00	22.59	0.00	8.47	1.50	2.59	0.70	8.81	0.34	12.16	1.41	6.21	6.21	9.13	0.71	0.87	0.87	0.96	149.40	1.04	1.11
Canalmagro_02	ca0037__	945.00	22.58	0.00	8.38	1.51	2.53	0.68	8.71	0.33	12.27	1.43	6.24	6.24	9.20	0.72	0.89	0.89	0.97	150.76	1.01	1.04
Canalmagro_02	ca0038__	1001.50	22.55	0.00	8.00	1.40	2.80	0.85	8.40	0.40	11.75	1.30	6.20	6.20	8.91	0.65	0.81	0.81	0.91	142.03	1.04	1.11
Canalmagro_02	ca0039__	1048.00	22.53	0.00	7.96	1.73	2.03	0.50	8.18	0.21	14.01	1.67	6.64	6.64	9.74	0.84	1.11	1.11	1.14	157.97	1.01	1.02
Canalmagro_02	ca0040__	1134.00	22.38	0.00	7.61	1.43	2.24	0.70	7.87	0.27	11.62	1.10	9.06	9.06	10.01	0.63	1.00	1.00	1.00	109.93	1.05	1.13
Canalmagro_02	ca0041__	1183.00	22.23	0.00	7.47	1.41	1.92	0.59	7.67	0.20	11.94	1.13	10.28	10.28	11.16	0.64	1.16	1.16	1.04	110.17	1.04	1.12
Canalmagro_02	ca0042__	1233.00	22.05	0.00	7.23	1.43	2.24	0.69	7.47	0.27	11.35	1.13	8.95	8.95	9.95	0.63	1.01	1.01	1.02	111.82	1.04	1.12
Canalmagro_02	ca0043__	1279.00	21.80	-1.32	7.05	1.33	2.16	0.71	7.28	0.25	11.08	1.07	9.90	9.90	10.78	0.60	1.06	1.06	0.98	108.48	1.04	1.12
Canalmagro_02	ca0044__	1348.00	21.81	0.00	6.89	1.55	1.84	0.53	7.05	0.18	12.85	1.34	9.14	9.14	11.06	0.72	1.22	1.22	1.11	127.11	1.03	1.07
Canalmagro_02	ca0045__	1380.00	21.81	0.15	6.85	1.71	1.65	0.46	6.98	0.14	14.06	1.43	9.47	9.47	11.52	0.77	1.35	1.35	1.17	130.47	1.03	1.09
Canalmagro_02	ca0046__	1405.00	21.86	0.02	6.81	1.61	1.59	0.44	6.94	0.13	14.35	1.44	9.67	9.67	11.74	0.77	1.39	1.39	1.18	129.65	1.03	1.07
Canalmagro_02	ca0047__	1445.00	21.92	0.00	6.65	1.53	1.99	0.57	6.85	0.20	12.30	1.37	8.12	8.12	10.32	0.70	1.11	1.11	1.08	128.81	1.03	1.09
Canalmagro_02	ca0048__	1503.50	21.91	0.00	6.48	1.54	2.07	0.64	6.68	0.23	12.37	1.25	8.94	8.94	10.21	0.70	1.12	1.12	1.10	116.10	1.05	1.13
Canalmagro_02	ca0049__	1542.00	21.84	0.00	6.43	1.57	1.76	0.54	6.57	0.16	13.36	1.32	9.96	9.96	11.29	0.73	1.31	1.31	1.16	117.21	1.05	1.12
Canalmagro_02	ca0050__	1592.50	21.67	0.13	6.37	1.72	1.59	0.47	6.48	0.13	14.61	1.41	10.21	10.21	11.51	0.79	1.44	1.44	1.25	123.55	1.04	1.10
Canalmagro_02	ca0051__	1648.50	21.41	0.18	6.25	1.69	1.78	0.49	6.39	0.16	13.86	1.64	7.61	7.61	10.75	0.82	1.25	1.25	1.16	151.95	1.01	1.01
Canalmagro_02	ca0052__	1677.50	21.12	-0.84	6.26	1.79	1.38	0.42	6.34	0.10	16.01	1.46	11.15	11.15	12.19	0.81	1.63	1.63	1.34	116.74	1.05	1.12
Canalmagro_02	ca0053__	1722.50	20.51	1.38	6.23	1.79	1.29	0.41	6.30	0.09	16.34	1.46	11.63	11.63	12.62	0.82	1.70	1.70	1.35	116.04	1.04	1.12
Canalmagro_02	ca0054__	1764.50	20.16	0.22	6.17	1.81	1.41	0.48	6.26	0.11	15.01	1.42	10.65	10.65	11.84	0.82	1.51	1.51	1.28	120.18	1.05	1.15
Canalmagro_02	ca0055__	1817.50	19.63	0.87	6.13	1.88	1.23	0.44	6.20	0.08	16.16	1.54	10.47	10.47	11.92	0.85	1.62	1.62	1.36	122.26	1.05	1.12
Canalmagro_02	CA0056A_	1857.85	19.31	0.14	6.10	2.01	1.20	0.44	6.17	0.08	16.84	1.44	11.52	11.52	12.95	0.88	1.65	1.65	1.27	135.23	1.06	1.15
Canalmagro_02	CA0056B_	1878.50	19.13	0.06	6.08	2.03	1.14	0.99	6.15	0.07	17.57	1.51	11.41	11.41	12.82	0.89	1.72	1.72	1.34	130.21	1.05	1.15
Canalmagro_02	CA0056B_	1881.25	19.12	0.00	6.11	2.13	0.81	0.22	6.14	0.03	25.89	2.03	11.79	11.79	15.39	1.02	2.39	2.39	1.55	114.45	1.04	1.12
Canalmagro_02	CA0056C_	1887.35	19.14	0.00	5.98	1.98	1.71	0.40	6.12	0.15	14.49	1.98	5.71	5.71	9.67	0.99	1.13	1.13	1.17	96.64	1.00	1.00
Canalmagro_02	CA0056D_	1895.50	19.16	0.00	5.93	1.92	1.83	0.44	6.10	0.17	13.70	1.92	5.50	5.50	9.34	0.96	1.06	1.06	1.13	95.58	1.00	1.00
Canalmagro_02	CA0056E_	1904.65	19.18	0.00	5.91	1.99	1.76	0.41	6.07	0.16	14.31	1.99	5.50	5.50	9.48	0.99	1.09	1.09	1.15	96.24	1.00	1.00
Canalmagro_02	CA0056F_	1918.90	19.21	0.00	5.87	1.94	1.79	0.43	6.03	0.16	13.96	1.94	5.58	5.58	9.46	0.97	1.08	1.08	1.14	95.94	1.00	1.00
Canalmagro_02	CA0056G_	1931.80	19.17	0.10	5.69	1.84	2.42	0.67	5.97	0.31	11.79	1.56	5.38	5.38	7.93	0.86	0.84	0.84	1.06	106.10	1.03	1.09

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
Canalmagro_02	CA0057__	1950.00	19.45	0.24	5.71	1.84	1.89	0.49	5.88	0.19	13.13	1.70	6.23	6.23	8.89	0.89	1.06	1.06	1.19	105.02	1.02	1.06
Canalmagro_02	CA0057A_	1962.45	19.35	0.13	5.64	1.97	2.17	0.67	5.84	0.26	12.43	1.31	7.72	7.72	8.93	0.83	1.01	1.01	1.13	126.29	1.08	1.23
Canalmagro_02	CA0057Aa	1998.00	19.19	0.29	5.70	2.25	1.16	0.29	5.76	0.07	20.17	1.91	9.19	9.19	11.41	1.02	1.75	1.75	1.54	142.62	1.04	1.10
Canalmagro_02	CA0057Ab	1999.00	19.19	0.00	5.60	2.15	1.64	0.20	5.75	0.14	18.27	9999.99	8.61	8.61	18.88	1.28	1.17	1.17	1.12	292.56	1.05	1.13
Canalmagro_02	CA0057Ac	2006.00	19.18	0.00	5.56	2.03	1.78	0.23	5.72	0.16	16.34	9999.99	8.48	8.48	18.67	1.18	1.08	1.08	1.06	269.44	1.03	1.06
Canalmagro_02	CA0058Ad	2007.00	19.18	0.00	5.61	2.08	1.29	0.33	5.68	0.09	17.23	1.74	9.08	9.08	11.36	0.94	1.58	1.58	1.39	141.32	1.03	1.08
Canalmagro_02	CA0058AA	2043.50	18.42	1.47	5.47	1.82	2.32	0.81	5.63	0.29	11.66	1.21	9.08	9.08	9.82	0.76	1.09	1.09	1.11	120.61	1.08	1.21
Canalmagro_02	CA0058AB	2104.50	16.91	6.29	5.41	1.98	1.39	0.44	5.51	0.11	12.85	1.36	9.08	9.08	9.82	0.83	1.24	1.24	1.26	121.01	1.08	1.21
Canalmagro_02	CA0058AC	2159.70	16.85	0.22	5.18	1.79	2.02	0.66	5.38	0.23	10.10	1.12	7.84	7.84	9.00	0.74	0.88	0.88	0.98	123.68	1.09	1.25
Canalmagro_02	CA0058A_	2293.60	13.53	5.27	5.09	2.34	0.94	0.25	5.13	0.05	15.67	1.58	9.34	9.34	10.41	0.97	1.48	1.48	1.42	123.68	1.08	1.24
Canalmagro_02	CA0058_M	2298.00	13.49	0.00	5.10	2.47	0.70	0.15	5.13	0.03	25.10	2.46	7.97	7.97	12.88	1.23	1.96	1.96	1.52	120.23	1.06	1.18
Canalmagro_02	CA0058__	2300.00	13.48	0.00	5.10	2.47	0.70	0.15	5.13	0.03	25.10	2.46	7.97	7.97	12.88	1.23	1.96	1.96	1.52	120.23	1.06	1.18
Canalmagro_02	CA0058B_	2305.00	13.45	0.00	5.04	2.39	1.27	0.26	5.12	0.08	14.57	2.39	4.50	4.50	9.28	1.20	1.08	1.08	1.16	142.99	1.00	1.00
Canalmagro_02	CA0058C_	2316.40	13.41	0.00	5.02	2.32	1.31	0.28	5.10	0.09	13.80	2.32	4.50	4.50	9.13	1.16	1.04	1.04	1.14	95.85	1.00	1.00
Canalmagro_02	CA0058D_	2324.45	13.39	0.00	5.01	2.31	1.31	0.28	5.09	0.09	13.74	2.31	4.51	4.51	9.12	1.15	1.04	1.04	1.14	95.83	1.00	1.00
Canalmagro_02	CA0058E_	2350.70	13.38	0.00	4.87	2.08	1.77	0.48	5.04	0.17	9.62	1.53	5.05	5.05	7.82	0.91	0.77	0.77	0.99	171.47	1.07	1.21
Canalmagro_02	CA0058F_	2354.45	13.37	0.02	4.91	2.10	1.50	0.44	5.02	0.13	9.83	1.35	6.81	6.81	8.22	0.83	0.92	0.92	1.12	118.85	1.10	1.29
Canalmagro_02	CA0058G_	2382.50	13.29	0.14	4.80	1.94	1.76	0.56	4.96	0.17	8.45	1.12	7.00	7.00	8.22	0.76	0.79	0.79	0.96	127.51	1.10	1.29
Canalmagro_02	CA0058H_	2485.95	13.12	0.30	4.50	1.76	1.89	0.62	4.68	0.20	7.70	1.12	6.48	6.58	7.55	0.70	0.72	0.73	0.96	112.40	1.09	1.28
Canalmagro_02	CA0058I_	2534.12	13.04	0.11	4.34	1.75	1.95	0.68	4.53	0.21	7.58	1.11	6.41	6.41	7.46	0.69	0.71	0.71	0.95	112.31	1.09	1.27
Canalmagro_02	CA0058L_	2615.70	12.88	0.16	4.27	2.16	1.17	0.34	4.35	0.08	11.25	1.41	7.80	7.80	9.25	0.87	1.10	1.10	1.19	124.83	1.09	1.27
Canalmagro_02	CA0059Aa	2621.00	12.88	0.00	4.27	2.15	1.18	0.34	4.35	0.08	11.20	1.40	7.80	7.80	9.24	0.87	1.09	1.09	1.18	124.79	1.09	1.27
Canalmagro_02	CA0059Ab	2622.00	12.88	0.00	4.26	2.16	1.32	0.17	4.35	0.09	14.37	9999.99	5.92	5.92	15.71	1.29	0.98	0.98	1.07	358.46	1.02	1.05
Canalmagro_02	CA0060Ac	2629.50	12.88	0.00	4.25	2.15	1.32	0.16	4.34	0.09	14.29	9999.99	5.92	5.92	15.51	1.28	0.98	0.98	1.07	358.37	1.02	1.05
Canalmagro_02	CA0060Ad	2630.50	12.87	0.00	4.25	2.16	1.22	0.37	4.34	0.08	10.97	1.41	7.50	8.15	9.31	0.87	1.06	1.06	1.14	132.25	1.10	1.28
Canalmagro_02	CA0060B_	2642.95	12.69	0.28	4.22	1.93	1.40	0.48	4.32	0.11	9.17	1.16	8.15	8.15	9.11	0.77	0.94	0.94	1.03	120.27	1.08	1.26
Canalmagro_02	CA0060C_	2701.76	11.92	0.94	4.15	2.13	1.36	0.43	4.24	0.10	9.13	1.20	7.60	7.60	8.79	0.81	0.91	0.91	1.03	130.13	1.10	1.28
Canalmagro_02	CA0060D_	2766.62	11.10	0.57	4.07	1.91	1.46	0.48	4.16	0.12	8.11	1.23	6.84	6.84	7.89	0.77	0.84	0.84	1.07	115.41	1.09	1.27
Canalmagro_02	CA0061Aa	2774.50	10.99	0.07	4.07	2.07	1.36	0.43	4.15	0.10	8.94	1.32	6.84	6.84	8.04	0.83	0.90	0.90	1.12	119.44	1.10	1.29
Canalmagro_02	CA0061Ab	2775.50	10.99	0.00	3.95	1.95	1.87	0.41	4.13	0.18	8.03	9999.99	3.55	3.55	10.17	1.00	0.59	0.59	0.87	440.27	1.01	1.02
Canalmagro_02	CA0062Ac	2781.50	11.01	0.00	3.94	1.96	1.88	0.43	4.12	0.18	7.83	9999.99	3.49	3.49	10.05	0.97	0.59	0.59	0.86	449.78	1.01	1.03
Canalmagro_02	CA0062Ad	2782.50	11.01	0.05	3.93	1.95	1.36	0.41	4.03	0.10	7.88	1.26	6.43	6.43	7.54	0.77	0.81	0.81	1.07	119.68	1.09	1.26
Canalmagro_02	CA0062B_	2800.53	10.90	0.49	3.90	1.86	1.39	0.42	4.01	0.11	7.52	1.24	6.29	6.29	7.38	0.75	0.78	0.78	1.06	116.56	1.09	1.26
Canalmagro_02	CA0062C_	2837.98	10.74	0.28	3.83	1.80	1.44	0.47	3.95	0.11	7.14	1.15	6.50	6.50	7.55	0.73	0.75	0.75	0.99	117.55	1.09	1.27
Canalmagro_02	CA0063Aa	2872.50	10.73	0.01	3.71	1.80	1.76	0.48	3.88	0.17	7.00	1.47	4.15	4.55	6.96	0.81	0.61	0.61	0.90	174.20	1.07	1.16
Canalmagro_02	CA0063Ab	2873.50	10.73	0.00	3.62	1.71	2.11	0.45	3.86	0.24	6.80	9999.99	3.96	3.96	9.98	0.86	0.51	0.51	0.85	335.69	1.06	1.15
Canalmagro_02	CA0064Ac	2880.50	10.76	0.00	3.60	1.67	2.00	0.39	3.80	0.20	6.88	9999.99	3.71	3.71	10.18	0.88	0.54	0.54	0.83	194.28	1.00	1.00
Canalmagro_02	CA0064Ad	2881.50	10.76	0.00	3.62	1.69	1.79	0.46	3.78	0.16	6.82	1.55	3.90	3.90	6.86	0.81	0.60	0.60	0.88	94.28	1.00	1.01
Canalmagro_02	CA0064B_	2889.32	10.76	0.02	3.67	1.66	1.24	0.39	3.75	0.08	7.35	1.10	7.92	9.04	8.81	0.68	0.87	0.87	0.99	109.26	1.08	1.23
Canalmagro_02	CA0064C_	2914.91	10.83	0.01	3.52	1.58	1.91	0.64	3.68	0.20	5.79	1.01	5.91	5.91	6.92	0.64	0.60	0.60	0.86	114.68	1.09	1.26
Canalmagro_02	CA0064D_	2977.37	10.63	0.01	3.33	1.59	2.41	1.03	3.48	0.32	5.59	0.92	6.63	6.63	7.52	0.62	0.61	0.61	0.81	114.50	1.09	1.27
Canalmagro_02	CA0065Aa	3000.50	10.44	0.00	3.37	2.12	0.99	0.26	3.42	0.05	11.35	1.61	6.86	6.86	9.35	0.94	1.10	1.10	1.18	163.54	1.05	1.12

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	$\beta$	$\alpha$
Canalmagro_02	CA0065Ab	3001.50	10.44	0.00	3.33	2.08	1.30	0.25	3.41	0.09	10.38	9999.99	5.14	5.14	13.19	1.13	0.80	0.80	1.00	208.26	1.00	1.01
Canalmagro_02	CA0066Ac	3005.50	10.46	0.00	3.33	2.17	1.23	0.22	3.40	0.08	11.27	9999.99	5.14	5.14	13.23	1.18	0.85	0.85	1.04	378.57	1.01	1.02
Canalmagro_02	CA0066Ad	3006.50	10.46	0.00	3.35	2.19	0.97	0.24	3.39	0.05	12.00	1.73	6.45	6.45	9.27	0.99	1.12	1.12	1.21	170.33	1.05	1.12
Canalmagro_02	CA0066B_	3017.34	10.39	0.02	3.30	1.92	1.37	0.41	3.38	0.10	7.70	1.33	6.10	6.43	7.81	0.78	0.81	0.81	1.04	136.92	1.06	1.16
Canalmagro_02	CA0067Aa	3029.50	10.72	0.00	3.26	1.99	1.53	0.44	3.36	0.12	7.69	1.34	5.75	5.75	7.77	0.82	0.75	0.75	0.97	155.34	1.06	1.14
Canalmagro_02	CA0067Ab	3030.50	10.72	0.00	3.11	1.84	2.15	0.49	3.34	0.24	6.75	9999.99	3.31	3.31	9.32	0.90	0.50	0.50	0.83	412.40	1.01	1.02
Canalmagro_02	CA0068Ac	3035.00	10.71	0.00	3.08	1.76	2.19	0.53	3.32	0.25	6.58	9999.99	3.31	3.31	9.09	0.87	0.49	0.49	0.84	366.44	1.04	1.10
Canalmagro_02	CA0068Ad	3036.00	10.71	0.00	3.15	1.83	1.68	0.48	3.27	0.15	6.90	1.33	5.16	5.16	7.04	0.76	0.68	0.68	0.97	143.12	1.05	1.13
Canalmagro_02	CA0068B_	3062.59	10.59	0.00	3.12	1.67	1.57	0.51	3.23	0.13	6.90	1.27	5.77	5.77	7.54	0.72	0.73	0.73	0.97	136.42	1.05	1.13
Canalmagro_02	CA0068C_	3073.26	10.53	0.00	3.11	1.73	1.45	0.43	3.21	0.11	7.47	1.34	5.84	5.84	7.81	0.76	0.78	0.78	1.00	142.41	1.05	1.13
Canalmagro_02	CA0068D_	3076.56	10.51	0.00	3.09	1.73	1.54	0.46	3.20	0.13	7.19	1.31	5.61	5.61	7.66	0.76	0.74	0.74	0.96	146.06	1.06	1.16
Canalmagro_02	CA0068E_	3103.54	10.29	0.95	3.07	1.81	1.36	0.45	3.16	0.10	7.55	1.25	6.57	6.57	7.63	0.75	0.82	0.82	1.07	120.52	1.08	1.21
Canalmagro_02	CA0069Aa	3143.00	10.27	0.24	3.00	1.83	1.37	0.47	3.10	0.10	7.27	1.26	6.12	6.12	7.39	0.75	0.77	0.77	1.04	121.24	1.08	1.24
Canalmagro_02	CA0069Ab	3144.00	10.28	0.00	3.01	1.84	1.16	0.28	3.08	0.07	9.34	3.61	4.80	4.80	10.83	0.92	0.88	0.88	1.03	208.33	1.00	1.00
Canalmagro_02	CA0070Ac	3148.00	10.29	0.00	3.00	1.77	1.21	0.30	3.07	0.07	8.78	1.77	4.80	4.80	8.34	0.88	0.85	0.85	1.02	207.99	1.00	1.00
Canalmagro_02	CA0070Ad	3149.00	10.29	0.00	2.98	1.75	1.26	0.42	3.07	0.09	7.71	1.28	6.51	7.17	8.67	0.76	0.83	0.83	1.02	136.57	1.08	1.23
Canalmagro_02	CA0070B_	3167.68	10.26	0.37	2.97	1.84	1.16	0.39	3.04	0.07	8.08	1.31	6.74	6.74	7.92	0.77	0.88	0.88	1.12	120.35	1.07	1.20
Canalmagro_02	CA0071Aa	3188.50	10.22	0.58	2.95	2.06	1.08	0.29	3.02	0.06	9.52	1.52	6.22	6.22	7.96	0.88	0.94	0.94	1.18	135.09	1.08	1.23
Canalmagro_02	CA0071Ab	3189.50	10.23	0.00	2.82	1.93	2.05	0.57	2.99	0.21	7.59	9999.99	3.87	3.87	12.91	1.11	0.52	0.52	0.74	186.78	1.00	1.00
Canalmagro_02	CA0072Ac	3194.00	10.21	0.00	2.78	1.85	2.32	0.73	2.94	0.28	6.91	9999.99	4.27	4.27	13.26	1.07	0.49	0.49	0.74	315.38	1.06	1.16
Canalmagro_02	CA0072Ad	3195.00	10.21	0.00	2.82	1.89	1.34	0.40	2.92	0.10	7.79	1.33	5.93	5.93	7.57	0.80	0.79	0.79	1.04	130.04	1.10	1.27
Canalmagro_02	CA0072B_	3214.35	10.16	0.00	2.80	1.59	1.33	0.43	2.89	0.10	6.92	1.12	7.27	7.27	8.35	0.68	0.81	0.81	0.97	118.50	1.07	1.20
Canalmagro_02	CA0072C_	3241.39	10.09	0.00	2.76	1.57	1.34	0.45	2.85	0.10	6.75	1.11	7.24	7.24	8.27	0.67	0.80	0.80	0.97	114.30	1.07	1.21
Canalmagro_02	CA0072D_	3302.39	9.83	0.26	2.68	1.59	1.31	0.43	2.76	0.09	6.66	1.07	7.49	7.49	8.49	0.67	0.80	0.80	0.94	120.63	1.07	1.20
Canalmagro_02	CA0072Ea	3334.65	9.74	0.06	2.67	1.93	0.98	0.28	2.73	0.05	9.62	1.40	7.12	7.12	8.94	0.86	0.99	0.99	1.11	138.95	1.09	1.24
Canalmagro_02	CA0072Eb	3335.65	9.74	0.00	2.67	1.93	1.04	0.24	2.73	0.06	10.10	1.93	4.85	4.85	8.71	0.97	0.94	0.94	1.07	254.54	1.03	1.08
Canalmagro_02	CA0072Fc	3339.65	9.73	0.00	2.67	1.93	1.04	0.24	2.73	0.06	10.08	1.93	4.85	4.85	8.71	0.96	0.94	0.94	1.07	222.16	1.02	1.07
Canalmagro_02	CA0072Fd	3340.65	9.73	0.00	2.67	1.93	1.00	0.28	2.72	0.06	9.49	1.48	6.54	6.54	8.45	0.87	0.97	0.97	1.15	134.52	1.09	1.24
Canalmagro_02	CA0072G_	3356.80	9.69	0.01	2.65	1.67	1.09	0.36	2.71	0.07	7.43	1.09	8.42	8.61	9.53	0.69	0.91	0.91	0.98	119.72	1.07	1.22
Canalmagro_02	CA0072H_	3383.74	9.65	0.00	2.60	1.49	1.36	0.85	2.67	0.10	5.87	1.04	7.14	7.14	8.09	0.62	0.75	0.75	0.92	110.95	1.07	1.19
Canalmagro_02	CA0072I_	3387.66	9.64	0.00	2.61	1.65	1.05	0.31	2.66	0.06	7.74	1.33	6.96	6.96	8.95	0.73	0.93	0.93	1.04	135.93	1.03	1.09
Canalmagro_02	CA0072L_	3392.53	9.64	0.00	2.61	1.67	1.07	0.30	2.66	0.06	7.84	1.38	6.62	6.62	8.73	0.76	0.91	0.91	1.04	141.32	1.04	1.10
Canalmagro_02	CA0072M_	3399.26	9.64	0.00	2.61	1.66	1.07	0.30	2.65	0.06	7.89	1.37	6.65	6.65	8.75	0.76	0.91	0.91	1.04	140.31	1.04	1.12
Canalmagro_02	CA0073Aa	3409.50	9.63	0.00	2.60	1.79	1.09	0.30	2.65	0.06	8.05	1.41	6.36	6.36	8.63	0.80	0.89	0.89	1.04	153.73	1.04	1.09
Canalmagro_02	CA0073Ab	3410.50	9.63	0.00	2.57	1.76	1.36	0.43	2.64	0.10	7.86	9999.99	5.87	5.87	18.56	0.93	0.73	0.73	0.72	261.41	1.03	1.07
Canalmagro_02	CA0074Ac	3415.00	9.59	0.00	2.56	1.88	1.33	0.38	2.63	0.09	8.18	9999.99	5.74	5.74	18.28	0.96	0.74	0.74	0.76	269.23	1.03	1.08
Canalmagro_02	CA0074Ad	3416.00	9.59	0.00	2.57	1.89	1.10	0.30	2.62	0.06	8.20	1.45	6.14	6.14	8.44	0.82	0.89	0.89	1.06	155.83	1.04	1.09
Canalmagro_02	CA0074B_	3423.81	9.57	0.00	2.56	1.71	1.14	0.32	2.62	0.07	7.61	1.37	6.28	6.28	8.47	0.77	0.86	0.86	1.02	148.68	1.04	1.11
Canalmagro_02	CA0075Aa	3434.00	9.51	0.92	2.56	1.75	1.12	0.31	2.61	0.07	7.77	1.39	6.28	8.65	8.31	0.79	0.87	0.93	1.05	148.42	1.04	1.10
Canalmagro_02	CA0075Ab	3435.00	9.51	0.00	2.54	1.73	1.28	0.44	2.61	0.09	8.04	9999.99	8.34	8.34	21.39	0.90	0.78	0.78	0.71	263.27	1.03	1.08
Canalmagro_02	CA0076Ac	3437.00	9.49	0.00	2.54	1.79	1.27	0.37	2.60	0.08	8.36	9999.99	6.13	8.28	19.51	0.95	0.78	0.82	0.75	270.43	1.05	1.15
Canalmagro_02	CA0076Ad	3438.00	9.48	0.12	2.55	1.80	1.05	0.29	2.60	0.06	8.39	1.42	6.53	8.68	8.63	0.81	0.93	0.98	1.08	150.63	1.04	1.10

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
Canalmagro_02	CA0076Bd	3454.53	9.40	0.25	2.53	1.65	1.14	0.37	2.58	0.07	6.72	1.20	7.12	7.12	8.40	0.68	0.85	0.85	1.02	119.08	1.05	1.15
Canalmagro_02	CA0076AA	3471.53	9.31	0.15	2.52	1.79	1.04	0.33	2.57	0.06	7.73	1.13	8.27	8.27	9.20	0.73	0.94	0.94	1.02	121.24	1.08	1.22
Canalmagro_02	CA0076CA	3548.53	8.96	0.00	2.46	1.58	1.03	0.34	2.51	0.06	6.96	1.07	8.58	8.58	9.45	0.66	0.92	0.92	0.97	110.09	1.07	1.21
Canalmagro_02	CA0076DA	3565.90	8.88	0.00	2.42	1.70	1.36	0.45	2.49	0.10	5.81	1.03	6.92	6.92	8.00	0.67	0.71	0.71	0.89	118.23	1.09	1.27
Canalmagro_02	CA0076EA	3578.95	8.81	0.00	2.42	1.78	1.26	0.41	2.46	0.09	6.26	1.04	7.39	7.39	8.52	0.70	0.77	0.77	0.90	123.32	1.09	1.27
Canalmagro_02	CA0076EB	3585.95	8.77	0.00	2.43	1.81	0.88	0.29	2.45	0.04	8.37	1.04	10.40	10.40	11.35	0.72	1.07	1.07	0.95	133.67	1.08	1.21
Canalmagro_02	CA0076EC	3607.01	8.76	0.00	2.42	1.79	0.84	0.26	2.44	0.04	8.29	1.15	9.65	9.65	10.49	0.70	1.11	1.11	1.06	114.65	1.06	1.18
Canalmagro_02	ca0077_a	3646.00	9.01	0.00	2.41	2.15	1.02	0.24	2.43	0.05	9.59	1.94	4.67	4.67	8.12	1.00	0.91	0.91	1.12	192.72	1.03	1.09
Canalmagro_02	ca0077_b	3647.00	9.01	0.00	2.41	2.15	1.06	0.24	2.43	0.06	9.57	9999.99	4.66	4.66	12.55	1.05	0.85	0.85	1.08	415.92	1.03	1.09
Canalmagro_02	ca0078_c	3659.00	9.03	0.00	2.38	2.06	1.53	0.40	2.42	0.12	6.21	1.71	3.83	3.83	6.73	0.86	0.64	0.64	0.94	392.31	1.03	1.06
Canalmagro_02	ca0078_d	3660.00	9.03	0.00	2.38	2.06	1.53	0.41	2.42	0.12	6.18	1.65	3.85	3.85	6.60	0.86	0.63	0.63	0.96	170.78	1.03	1.06
Canalmagro_02	CA0078A_	3667.75	9.03	0.00	2.39	1.48	1.24	0.42	2.42	0.08	5.60	1.05	7.87	7.87	8.75	0.63	0.83	0.83	0.94	110.09	1.07	1.19
Canalmagro_02	CA0078B_	3685.70	9.05	0.00	2.39	1.59	1.18	0.39	2.41	0.08	6.14	1.11	7.74	7.74	8.73	0.67	0.86	0.86	0.99	112.95	1.07	1.20
Canalmagro_02	CA0078C_	3700.75	9.07	0.00	2.38	1.53	1.33	0.46	2.40	0.10	5.54	0.99	8.15	8.15	8.99	0.64	0.80	0.80	0.89	113.92	1.07	1.22
Canalmagro_02	CA0078D_	3716.00	9.09	0.00	2.37	1.49	1.26	0.46	2.39	0.09	5.68	0.96	9.18	9.18	9.95	0.61	0.88	0.88	0.88	105.06	1.07	1.22
Canalmagro_02	CA0078E_	3739.80	9.14	0.00	2.36	1.51	1.45	0.49	2.38	0.11	5.66	1.11	7.22	7.22	8.23	0.66	0.80	0.80	0.97	112.73	1.07	1.19
Canalmagro_02	CA0078F_	3765.15	9.15	0.00	2.35	1.59	2.21	0.87	2.37	0.27	5.21	1.06	6.94	6.94	7.88	0.65	0.74	0.74	0.94	109.89	1.08	1.23
Canalmagro_02	CA0079_	3781.00	8.93	0.88	2.35	1.63	1.90	1.00	2.37	0.19	6.32	1.18	7.25	7.25	8.29	0.70	0.86	0.86	1.04	113.87	1.07	1.20
Sale	sl1001_	2295.00	2.77	0.31	2.42	1.48	0.61	0.24	2.42	0.02	2.85	0.86	6.09	6.09	6.71	0.54	0.52	0.52	0.78	111.72	1.07	1.20
Sale	sl1002_	2353.30	2.70	0.59	2.41	1.50	0.56	0.23	2.42	0.02	2.94	0.87	6.09	6.09	6.71	0.55	0.53	0.53	0.79	111.79	1.07	1.20
Sale	sl1003_	2411.60	2.60	0.34	2.41	1.49	0.52	0.21	2.41	0.01	2.92	0.87	6.09	6.09	6.71	0.55	0.53	0.53	0.79	111.78	1.07	1.20
Sale	sl0001_a	2469.86	4.63	-3.98	2.39	1.47	0.51	0.16	2.40	0.01	5.78	1.08	8.38	8.38	9.18	0.61	0.90	0.90	0.99	97.43	1.06	1.18
Sale	sl0001_b	2471.86	4.63	0.00	2.37	1.45	0.73	0.20	2.40	0.03	4.44	1.50	5.36	5.36	9.60	0.64	0.64	0.64	0.66	342.29	1.07	1.17
Sale	sl0001_c	2502.86	4.63	0.00	2.36	1.44	0.72	0.19	2.39	0.03	4.53	1.52	5.32	5.32	9.64	0.65	0.64	0.64	0.67	350.04	1.07	1.18
Sale	sl0001_d	2504.86	4.75	0.00	2.37	1.55	0.53	0.15	2.38	0.01	6.22	1.25	7.18	7.18	8.84	0.66	0.90	0.90	1.02	113.02	1.04	1.10
Sale	sl0002_a	2602.86	3.80	1.01	2.34	1.42	0.45	0.23	2.35	0.01	3.49	0.51	16.97	16.97	19.04	0.39	0.85	0.85	0.45	132.42	1.20	1.63
Sale	sl0002_b	2607.86	3.79	0.00	2.32	1.41	0.97	0.62	2.34	0.05	1.57	9999.99	14.63	14.63	18.99	0.44	0.44	0.44	0.23	282.71	1.10	1.30
Sale	sl0002_c	2610.86	3.79	0.00	2.32	1.40	1.04	0.83	2.34	0.07	1.53	9999.99	14.62	14.62	18.97	0.52	0.44	0.44	0.23	283.06	1.18	1.50
Sale	sl0002_d	2615.86	2.92	1.06	2.32	1.40	0.39	0.34	2.32	0.01	3.23	0.56	16.93	16.93	19.00	0.39	0.81	0.81	0.43	129.11	1.20	1.63
Sale	sl0003aa	2694.76	1.48	1.88	2.31	1.55	0.39	0.19	2.32	0.01	2.29	0.91	11.18	11.18	13.51	0.54	0.47	0.47	0.46	224.87	1.35	2.06
Sale	sl0003ab	2696.76	1.47	0.00	2.29	1.53	0.70	0.30	2.31	0.03	1.79	2.64	4.52	4.52	9.25	0.76	0.23	0.23	0.37	286.70	1.13	1.40
Sale	sl0003ac	2780.21	1.42	0.00	2.24	1.50	0.72	0.28	2.25	0.03	1.65	2.86	2.98	2.98	7.76	0.77	0.21	0.21	0.36	293.25	1.13	1.41
Sale	sl0003ad	2782.21	1.41	0.10	2.24	1.50	-0.31	0.14	2.24	0.01	2.94	0.83	6.70	10.58	12.22	0.53	0.56	0.56	0.64	182.53	1.18	1.51
Sale	sl0003_a	2942.86	1.69	0.00	2.23	1.45	0.72	0.28	2.24	0.03	1.54	0.93	2.85	2.85	4.56	0.60	0.25	0.25	0.56	151.33	1.15	1.41
Sale	sl0003_b	2947.86	1.69	0.00	2.23	1.45	0.56	0.10	2.24	0.02	2.56	9999.99	2.50	2.50	7.42	0.84	0.30	0.30	0.58	189.88	1.05	1.16
Sale	sl0003_c	2952.86	1.69	0.00	2.23	1.45	0.56	0.10	2.24	0.02	2.56	9999.99	2.50	2.50	7.42	0.84	0.30	0.30	0.58	189.85	1.05	1.16
Sale	sl0003_d	2957.86	1.69	-0.07	2.23	1.45	0.74	0.34	2.24	0.03	1.54	0.93	2.84	2.84	4.56	0.60	0.25	0.25	0.56	151.23	1.15	1.41
Sale	sl0004_a	2992.86	1.68	0.00	2.23	1.61	0.42	0.15	2.23	0.01	2.84	0.97	4.55	4.55	5.90	0.64	0.44	0.44	0.74	125.62	1.11	1.30
Sale	sl0004_b	2997.86	1.68	0.00	2.23	1.61	0.44	0.11	2.23	0.01	3.24	1.61	2.50	2.50	5.72	0.80	0.40	0.40	0.70	183.53	1.00	1.00
Sale	sl0004_c	3002.86	1.68	0.00	2.23	1.61	0.44	0.11	2.23	0.01	3.24	1.61	2.50	2.50	5.72	0.80	0.40	0.40	0.70	183.53	1.00	1.00
Sale	sl1004_d	3005.36	1.68	0.03	2.23	1.61	0.42	0.15	2.23	0.01	2.83	0.99	4.44	9.68	5.76	0.64	0.44	0.48	0.76	125.19	1.10	1.28
Sale	sl0004_d	3007.86	1.68	0.07	2.23	1.61	0.42	0.15	2.24	0.01	2.83	0.99	4.44	9.68	5.76	0.64	0.44	0.48	0.76	125.20	1.10	1.28

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
Sale	sl0005__	3381.86	2.78	3.83	2.23	1.68	0.47	0.16	2.23	0.01	4.60	1.07	6.55	12.53	7.46	0.65	0.70	0.88	0.94	115.59	1.07	1.21
Sale	sl0006_a	3911.54	3.76	1.12	2.25	1.74	1.16	0.46	2.25	0.07	5.38	1.25	5.79	5.79	6.84	0.74	0.73	0.73	1.06	115.07	1.09	1.25
Sale	sl0006_b	3913.54	3.76	0.00	2.25	1.75	1.22	0.39	2.25	0.08	4.46	9999.99	3.10	3.10	8.80	1.10	0.40	0.40	0.69	182.17	1.00	1.00
Sale	sl0006_c	3925.07	3.76	0.00	2.25	1.75	1.24	0.41	2.25	0.08	4.47	9999.99	3.10	3.10	8.80	1.10	0.40	0.40	0.69	181.99	1.00	1.00
Sale	sl0006_d	3927.07	3.76	0.01	2.25	1.75	1.21	0.50	2.25	0.08	5.46	1.26	5.79	5.79	6.85	0.74	0.73	0.73	1.07	115.35	1.09	1.26
Sale	sl1007__	4055.99	3.51	0.00	2.26	1.86	0.81	0.52	2.26	0.03	17.24	1.29	18.99	18.99	19.50	0.70	2.45	2.45	1.26	104.14	1.01	1.04
Sale	sl0007__	4056.99	3.60	0.00	2.26	1.86	0.97	0.79	2.26	0.05	17.26	1.29	18.99	18.99	19.50	0.70	2.46	2.46	1.26	104.16	1.01	1.04
Sforza	sl0010_b	4273.04	1.61	-1.51	2.12	1.91	-1.13	0.60	2.13	0.07	1.95	9999.99	1.10	1.10	5.70	1.11	0.17	0.17	0.37	148.71	1.00	1.00
Sforza	sl0011_c	4478.94	1.61	-0.55	2.06	1.72	1.03	0.47	2.07	0.06	2.03	9999.99	2.24	5.31	8.36	1.19	0.17	0.19	0.31	338.15	1.18	1.54
Sforza	sl0011_d	4480.94	1.87	-0.02	2.07	1.73	1.07	0.56	2.07	0.06	4.89	1.26	5.20	5.20	6.60	0.75	0.65	0.65	0.99	122.14	1.10	1.27
Sforza	sl0012__	4567.50	1.84	1.04	2.07	2.12	0.37	0.15	2.07	0.01	11.14	1.65	6.95	29.48	8.24	0.97	1.15	3.08	1.39	141.71	1.07	1.17
Sforza	sl0013_a	4659.46	1.99	-0.24	2.07	2.06	0.53	0.26	2.07	0.01	12.81	1.46	10.42	32.28	11.28	0.84	1.52	3.25	1.34	133.95	1.11	1.31
Sforza	sl0013_b	4661.46	1.98	0.02	2.07	2.06	0.53	0.26	2.07	0.01	10.03	9999.99	6.67	32.28	20.01	1.03	0.97	3.01	0.79	241.12	1.06	1.17
Sforza	sl0013_c	4662.96	1.97	0.02	2.07	2.06	0.53	0.26	2.07	0.01	10.03	9999.99	6.67	32.28	20.01	1.03	0.97	3.01	0.79	241.12	1.06	1.17
Sforza	sl0013_d	4664.96	1.95	0.03	2.07	2.06	0.53	0.26	2.07	0.01	12.81	1.46	10.42	32.28	11.28	0.84	1.52	3.25	1.34	133.92	1.11	1.31
Sforza	sl0014_a	4692.64	1.82	0.62	2.07	1.99	0.58	0.30	2.07	0.02	12.55	1.45	10.42	32.28	11.26	0.83	1.50	3.24	1.34	132.33	1.11	1.30
Sforza	sl0014_b	4694.64	1.97	-0.19	2.06	1.98	1.31	0.66	2.07	0.09	3.40	9999.99	2.00	2.00	7.40	1.36	0.25	0.25	0.39	150.45	1.00	1.00
Sforza	sl0014_c	4697.44	2.01	-0.04	2.06	1.98	1.66	0.99	2.07	0.14	3.39	9999.99	2.00	2.00	7.40	1.36	0.25	0.25	0.39	150.24	1.00	1.00
Sforza	sl0014_d	4699.44	2.07	-0.06	2.06	1.99	0.88	0.54	2.06	0.04	10.93	1.38	9.86	15.63	10.74	0.80	1.36	1.75	1.27	134.32	1.14	1.37
Sforza	sl0015__	4711.94	1.33	1.01	2.06	1.93	-0.33	0.17	2.06	0.01	10.51	1.37	9.86	15.63	10.67	0.78	1.35	1.73	1.26	129.68	1.13	1.36
Sforza	sl0016_a	4727.04	1.34	-0.11	2.06	1.86	-0.38	0.21	2.06	0.01	8.70	1.40	8.12	8.12	10.13	0.76	1.14	1.14	1.12	128.49	1.12	1.31
Sforza	sl0016_b	4728.04	1.34	0.00	2.06	1.86	-1.70	1.01	2.06	0.15	1.36	9999.99	1.00	1.00	4.00	1.36	0.10	0.10	0.33	142.94	1.00	1.00
Sforza	sl0016_d	4744.96	1.34	0.00	2.88	3.24	1.56	0.04	2.88	0.12	3.58	9999.99	1.00	1.00	4.72	2.50	0.14	0.14	0.30	126.64	1.00	1.00













Cassa	H [m]	V [m <sup>3</sup> ]	s [m <sup>3</sup> /s]
APE_I1	7.27	3808.44	1.85
APE_I2	6.80	7851.81	2.00
APE_I3	13.12	1341.29	0.46
bidi_canalmag	1.37	253947.70	40.52

Portella	s [m <sup>3</sup> /s]
PAR_93	1.32
PAR_94	0.84
PAR_92	0.33
PAR_106	-1.51
PAR_105	0.88
PAR_79	0.00
PAR_80	0.00
PAR_81	0.00
PAR_82	0.00
PAR_83	0.00
PAR_84	0.00
PAR_85	0.00
PAR_86	0.00
PAR_87	0.00
PAR_90	0.00
PAR_89	0.00
PAR_88	0.00
PAR_91	0.00
PAR_98	0.42
PAR_97	0.74
PAR_95	-0.27
PAR_96	0.68
PAR_72	0.00
PAR_71	0.00
PAR_69	0.07
PAR_68	0.00
PAR_67	0.00
PAR_70	0.10
PAR_66	0.00
PAR_65	0.00
PAR_63	0.00
PAR_62	0.00
PAR_64	0.00
PAR_61	0.00
PAR_60	0.00
PAR_59	0.00
PAR_58	0.00
PAR_57	0.00

Idrovora	s [m <sup>3</sup> /s]
ID001_	0.50
ID002_	0.50

PAR_56	0.00
PAR_55	0.00
PAR_99	0.00
PAR_100	0.00
PAR_101	0.00
PAR_102	0.00
PAR_103	0.00

## STATO ATTUALE

CANALMAGRO - 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
Canalmagro_01	CA1042__	-935.40	14.73	0.00	68.72	1.16	2.79	1.00	69.14	0.41	6.79	0.83	6.39	6.39	7.12	0.46	0.53	0.53	0.74	64.84	1.05	1.12
Canalmagro_01	CA1041__	-903.95	14.91	0.00	67.63	1.12	2.58	1.00	67.92	0.36	6.70	0.72	11.16	13.88	14.77	0.44	0.66	0.66	0.64	111.25	1.11	1.31
Canalmagro_01	CA1040_b	-903.70	14.91	0.00	66.79	1.28	0.87	0.25	66.83	0.04	11.83	1.22	14.09	14.09	16.45	0.61	1.72	1.72	1.05	73.19	1.00	1.00
Canalmagro_01	CA1040__	-897.73	14.95	0.00	66.80	1.76	0.66	0.17	66.83	0.02	19.45	1.55	14.69	14.69	17.33	0.81	2.27	2.27	1.31	83.41	1.01	1.03
Canalmagro_01	CA1039_a	-891.99	14.99	0.00	66.81	2.19	0.54	0.13	66.82	0.02	27.59	1.78	15.54	15.54	17.97	0.97	2.76	2.76	1.54	90.67	1.01	1.03
Canalmagro_01	CA1039__	-891.74	14.99	0.00	66.65	0.69	1.77	0.76	66.81	0.16	5.24	0.56	15.10	15.10	15.40	0.30	0.85	0.85	0.55	51.23	1.08	1.23
Canalmagro_01	CA1039_b	-890.74	14.99	0.00	66.55	0.59	2.14	1.00	66.79	0.24	5.07	0.47	14.84	14.84	15.07	0.25	0.70	0.70	0.46	48.36	1.11	1.29
Canalmagro_01	CA1038_b	-889.74	15.00	0.00	64.63	0.68	2.22	1.00	64.89	0.25	5.22	0.51	13.26	13.26	13.99	0.26	0.68	0.68	0.48	50.84	1.07	1.19
Canalmagro_01	CA1038__	-844.22	15.11	0.00	61.68	1.12	2.56	1.00	62.03	0.34	6.35	0.69	8.57	8.57	9.11	0.39	0.59	0.59	0.65	58.51	1.11	1.30
Canalmagro_01	CA1037__	-781.25	15.16	0.00	58.28	1.16	2.75	1.00	58.69	0.40	6.97	0.80	6.86	6.86	7.51	0.46	0.55	0.55	0.73	63.78	1.05	1.14
Canalmagro_01	CA1036__	-692.14	15.09	0.00	54.75	1.00	2.67	1.00	55.13	0.38	6.66	0.75	7.48	7.48	8.01	0.42	0.56	0.56	0.70	62.00	1.04	1.10
Canalmagro_01	CA1035__	-645.94	15.01	0.00	52.93	1.15	2.33	1.00	53.23	0.30	6.52	0.59	10.88	10.88	11.17	0.42	0.65	0.65	0.58	71.07	1.08	1.21
Canalmagro_01	CA1034_5	-645.69	15.01	0.00	52.28	1.13	2.54	1.00	52.62	0.35	6.61	0.69	8.54	8.54	8.89	0.43	0.59	0.59	0.66	65.07	1.06	1.18
Canalmagro_01	CA1034_4	-644.11	15.01	0.00	51.87	0.99	2.47	1.00	52.19	0.32	6.26	0.65	9.37	9.37	9.65	0.38	0.61	0.61	0.63	61.44	1.04	1.11
Canalmagro_01	CA1034_3	-643.86	15.01	0.00	51.63	1.17	2.58	1.00	51.98	0.35	6.65	0.71	8.19	8.19	8.58	0.44	0.58	0.58	0.68	65.90	1.04	1.12
Canalmagro_01	CA1034_2	-641.20	15.00	0.00	51.09	1.04	2.57	1.00	51.44	0.35	6.51	0.70	8.30	8.30	8.67	0.41	0.58	0.58	0.67	63.79	1.04	1.10
Canalmagro_01	CA1034_1	-640.95	15.00	0.00	50.86	1.27	2.68	1.00	51.24	0.38	6.93	0.76	7.32	7.32	7.82	0.47	0.56	0.56	0.72	67.07	1.05	1.14
Canalmagro_01	CA1034_a	-638.12	15.00	0.00	50.09	1.15	2.85	1.00	50.52	0.44	7.23	0.87	6.05	6.05	6.88	0.50	0.53	0.53	0.77	68.15	1.05	1.14
Canalmagro_01	CA1033_b	-636.34	14.99	0.00	49.61	0.99	2.77	1.00	50.01	0.41	6.66	0.82	7.03	7.03	8.49	0.42	0.54	0.54	0.64	104.63	1.04	1.11
Canalmagro_01	CA1032_c	-627.63	14.98	0.00	49.36	1.03	2.65	1.00	49.74	0.37	6.45	0.74	7.60	7.60	8.48	0.40	0.57	0.57	0.67	94.91	1.06	1.18
Canalmagro_01	CA1031_d	-626.38	14.98	0.00	49.18	1.03	2.65	1.00	49.55	0.37	6.44	0.74	7.60	7.60	8.48	0.40	0.56	0.56	0.67	56.03	1.07	1.20
Canalmagro_01	CA1030__	-623.89	14.98	0.00	49.03	1.09	2.63	1.00	49.39	0.36	6.33	0.72	7.89	7.89	8.72	0.39	0.57	0.57	0.65	60.28	1.08	1.25
Canalmagro_01	CA1029__	-600.10	14.95	0.00	48.06	1.06	2.40	1.00	48.37	0.31	6.19	0.62	10.13	10.13	10.39	0.38	0.62	0.62	0.60	60.42	1.09	1.29
Canalmagro_01	CA1028__	-595.66	14.94	0.00	45.75	1.17	2.73	1.00	46.15	0.40	6.98	0.80	6.79	6.79	7.43	0.47	0.55	0.55	0.74	64.92	1.06	1.17
Canalmagro_01	CA1027__	-590.26	14.93	0.00	43.40	1.17	2.97	1.00	43.87	0.47	7.33	0.94	5.36	5.36	6.43	0.52	0.50	0.50	0.78	71.01	1.05	1.14
Canalmagro_01	CA1026__	-564.44	14.92	0.00	41.98	1.35	3.12	1.00	42.50	0.52	7.66	1.04	4.62	4.62	5.88	0.57	0.48	0.48	0.81	76.14	1.05	1.13
Canalmagro_01	CA1025__	-535.65	14.90	0.00	41.31	1.08	3.02	1.00	41.78	0.48	7.19	0.96	5.17	5.17	6.60	0.50	0.49	0.49	0.75	73.39	1.06	1.18
Canalmagro_01	CA1024__	-524.99	14.88	0.00	39.46	1.16	2.97	1.00	39.93	0.47	7.29	0.94	5.31	5.31	6.45	0.51	0.50	0.50	0.78	71.66	1.04	1.11
Canalmagro_01	CA1023__	-493.01	14.93	0.00	38.52	1.18	2.82	1.00	38.93	0.42	7.11	0.83	6.67	6.67	7.67	0.51	0.54	0.54	0.71	79.35	1.04	1.12
Canalmagro_01	CA1022_a	-483.97	14.94	0.00	37.02	1.29	2.27	0.70	37.29	0.27	7.74	1.27	5.16	5.16	7.59	0.64	0.66	0.66	0.87	92.92	1.01	1.03
Canalmagro_01	CA1021_b	-482.90	14.94	0.00	36.72	0.99	3.13	1.00	37.23	0.51	7.29	1.05	4.97	4.97	6.77	0.50	0.48	0.48	0.71	116.61	1.03	1.07
Canalmagro_01	CA1021_c	-456.86	14.92	0.00	36.39	0.98	3.14	1.00	36.91	0.52	7.28	1.04	4.98	4.98	7.02	0.50	0.47	0.47	0.68	120.05	1.06	1.19
Canalmagro_01	CA1020_d	-455.66	14.92	0.00	36.03	0.95	3.02	1.00	36.50	0.47	6.97	0.94	5.26	5.26	7.05	0.47	0.49	0.49	0.70	76.78	1.01	1.02
Canalmagro_01	CA1019__	-443.98	14.94	0.00	35.59	1.11	3.04	1.00	36.07	0.48	7.15	0.96	5.13	5.13	6.44	0.50	0.49	0.49	0.76	72.53	1.04	1.12
Canalmagro_01	CA1018_b	-443.73	14.94	0.00	34.68	1.37	3.02	1.00	35.18	0.49	7.58	0.98	5.05	5.05	6.10	0.55	0.49	0.49	0.81	71.94	1.06	1.17
Canalmagro_01	CA1018__	-434.65	14.97	0.00	32.43	1.67	2.91	1.00	32.92	0.48	8.17	0.96	5.33	5.33	6.69	0.63	0.51	0.51	0.77	79.85	1.12	1.34
Canalmagro_01	CA1017__	-379.16	15.05	0.00	29.66	1.27	3.07	1.00	30.15	0.49	7.37	0.99	4.98	4.98	6.28	0.52	0.49	0.49	0.78	72.52	1.06	1.16
Canalmagro_01	CA1016__	-337.36	15.06	0.00	28.00	1.13	2.80	1.00	28.41	0.42	7.04	0.83	6.46	6.46	7.44	0.48	0.54	0.54	0.72	70.74	1.05	1.13
Canalmagro_01	CA1015__	-295.66	15.04	0.00	26.47	1.43	2.85	1.00	26.91	0.44	7.69	0.89	5.93	5.93	6.90	0.57	0.53	0.53	0.76	79.97	1.07	1.19
Canalmagro_01	CA1014__	-255.38	15.04	0.00	25.11	1.40	2.58	1.00	25.49	0.37	7.18	0.75	7.76	7.76	8.69	0.49	0.58	0.58	0.67	87.98	1.12	1.33
Canalmagro_01	CA1013__	-214.60	15.03	0.00	23.59	1.23	2.74	1.00	23.99	0.40	7.02	0.80	6.83	6.83	7.44	0.47	0.55	0.55	0.74	67.48	1.06	1.15
Canalmagro_01	CA1012__	-156.57	15.64	0.00	22.03	1.44	2.88	1.00	22.48	0.45	7.77	0.90	6.02	6.02	6.91	0.53	0.54	0.54	0.78	70.24	1.10	1.27

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
Canalmagro_01	CA1011__	-106.43	15.59	0.00	20.38	1.22	2.64	1.00	20.75	0.37	6.93	0.74	7.95	7.95	8.55	0.43	0.59	0.59	0.69	62.49	1.12	1.36
Canalmagro_01	CA1010__	-62.24	15.55	0.00	19.00	0.89	2.43	1.00	19.31	0.31	6.07	0.62	10.40	10.40	10.84	0.33	0.64	0.64	0.59	54.69	1.13	1.38
Canalmagro_01	CA1009__	-32.81	18.52	0.00	18.41	1.36	2.54	1.00	18.52	0.34	9.66	1.05	11.28	11.28	12.07	0.59	1.19	1.19	0.99	69.54	1.04	1.11
Canalmagro_01	CA1008__	-23.31	18.83	0.00	18.51	2.99	0.90	0.40	18.52	0.04	43.78	2.40	13.46	13.46	15.84	1.33	3.22	3.22	2.03	95.24	1.05	1.12
Canalmagro_01	ca0001_a	0.00	17.69	1.97	18.51	3.17	0.78	0.48	18.51	0.03	58.58	2.60	15.97	15.97	18.97	1.40	4.15	4.15	2.19	96.74	1.18	1.57
Canalmagro_01	ca0001_b	1.00	17.71	0.00	18.50	3.16	1.26	1.00	18.51	0.09	44.81	3.42	11.22	11.22	23.22	1.47	2.99	2.99	1.29	219.92	1.20	1.64
Canalmagro_01	ca0002_c	11.00	17.80	0.00	18.49	3.11	0.87	0.77	18.50	0.04	51.58	3.84	11.20	11.20	31.40	1.59	3.19	3.19	1.02	305.03	1.08	1.21
Canalmagro_01	ca0002_d	12.00	17.81	0.00	18.49	3.11	0.90	1.00	18.50	0.04	62.15	3.05	13.20	13.20	16.72	1.53	4.03	4.03	2.41	95.91	1.06	1.18
Canalmagro_02	ca0002_d	12.00	16.80	1.40	18.49	3.11	0.90	1.00	18.50	0.04	62.11	3.05	13.20	13.20	16.72	1.53	4.03	4.03	2.41	149.86	1.06	1.18
Canalmagro_02	ca0003_a	16.50	15.55	2.79	18.50	3.43	0.46	0.17	18.51	0.01	79.10	2.64	19.03	19.03	22.19	1.57	5.02	5.02	2.26	181.69	1.06	1.14
Canalmagro_02	ca0003_b	17.50	15.56	0.00	18.49	3.42	0.95	0.29	18.50	0.05	54.40	9999.99	12.16	12.16	37.27	1.96	2.74	2.74	0.73	232.60	1.03	1.08
Canalmagro_02	ca0004_c	30.50	35.54	0.00	18.44	3.29	1.99	0.59	18.49	0.21	67.17	9999.99	17.96	18.00	51.40	1.72	3.72	3.72	0.75	264.92	1.10	1.30
Canalmagro_02	ca0004_d	31.50	35.31	0.36	18.45	3.30	1.12	0.47	18.48	0.07	77.08	2.75	18.00	18.00	23.15	1.50	4.96	4.96	2.14	168.92	1.06	1.15
Canalmagro_02	ca0005_a	76.50	29.91	12.84	18.26	3.37	2.71	0.80	18.42	0.38	33.65	3.03	5.68	8.42	8.88	1.64	1.72	3.34	1.94	202.32	1.04	1.08
Canalmagro_02	ca0005_b	77.50	29.94	0.00	17.89	3.00	4.09	0.76	18.35	0.85	27.33	9999.99	4.37	15.34	15.80	1.82	0.99	2.45	0.83	367.49	1.00	1.01
Canalmagro_02	ca0006_c	83.00	29.98	0.00	17.31	2.53	4.11	1.02	18.15	0.89	23.86	9999.99	4.36	13.15	15.80	1.54	0.74	1.38	0.84	369.11	1.06	1.18
Canalmagro_02	ca0006_d	84.00	29.97	0.01	16.68	1.90	3.68	1.00	17.36	0.69	18.49	1.39	6.01	7.03	9.28	0.84	0.83	0.89	0.90	200.26	1.04	1.12
Canalmagro_02	ca0007__	99.00	29.79	0.01	16.37	1.95	3.60	1.00	17.06	0.70	18.25	1.40	5.90	5.90	8.12	0.81	0.83	0.83	1.02	147.33	1.06	1.18
Canalmagro_02	ca0008__	124.00	29.56	0.02	16.24	2.03	2.96	1.00	16.71	0.47	17.91	1.48	6.74	6.74	8.67	0.85	1.00	1.00	1.15	139.09	1.06	1.15
Canalmagro_02	ca0009__	149.00	29.30	0.12	15.84	2.35	3.39	1.00	16.49	0.65	18.49	1.32	6.55	6.55	8.37	0.84	0.86	0.86	1.03	128.70	1.14	1.37
Canalmagro_02	ca0010__	179.00	29.02	0.19	15.48	1.88	3.33	1.00	16.09	0.61	17.12	1.23	7.09	7.09	8.13	0.75	0.87	0.87	1.07	117.72	1.08	1.23
Canalmagro_02	ca0011__	205.00	28.79	0.19	15.18	1.65	3.26	1.00	15.77	0.58	16.50	1.17	7.52	7.52	8.45	0.71	0.88	0.88	1.05	112.68	1.07	1.21
Canalmagro_02	ca0012__	235.00	28.13	0.51	15.09	1.99	3.11	1.00	15.47	0.53	16.94	1.43	7.52	7.52	8.47	0.83	1.07	1.07	1.27	117.93	1.07	1.20
Canalmagro_02	ca0013_a	272.50	26.03	3.56	15.12	2.63	1.69	0.41	15.24	0.15	25.99	2.42	7.07	7.07	10.20	1.28	1.71	1.71	1.68	109.50	1.01	1.02
Canalmagro_02	ca0013_b	273.50	26.03	0.00	14.71	2.22	3.04	0.83	15.15	0.47	20.62	9999.99	7.07	7.07	23.24	1.48	0.87	0.87	0.93	201.96	1.02	1.05
Canalmagro_02	ca0014_c	278.50	26.03	0.00	14.72	2.55	2.42	0.26	15.02	0.30	23.90	9999.99	6.38	6.38	17.01	1.62	1.07	1.07	1.09	369.73	1.06	1.16
Canalmagro_02	ca0014_d	279.50	26.01	0.02	14.68	2.50	1.64	0.36	14.82	0.14	23.44	2.18	7.28	7.28	10.92	1.20	1.59	1.59	1.46	193.20	1.02	1.04
Canalmagro_02	ca0015__	301.50	25.90	0.01	14.09	1.75	3.23	1.00	14.67	0.58	15.04	1.17	6.84	6.84	8.03	0.72	0.80	0.80	1.00	119.33	1.08	1.24
Canalmagro_02	ca0016__	331.50	25.72	0.14	13.72	1.86	3.19	1.00	14.28	0.57	14.90	1.15	7.02	7.02	8.05	0.72	0.81	0.81	1.00	114.66	1.09	1.27
Canalmagro_02	ca0017__	366.00	25.62	-0.58	13.25	2.02	3.23	1.00	13.83	0.58	15.09	1.18	6.76	6.76	8.18	0.74	0.79	0.79	0.97	117.36	1.16	1.49
Canalmagro_02	ca0018_a	405.50	24.92	1.31	13.46	2.88	1.58	0.34	13.56	0.13	28.53	2.51	7.28	7.28	10.95	1.38	1.82	1.82	1.67	187.69	1.02	1.05
Canalmagro_02	ca0018_b	406.50	24.93	0.00	13.26	2.68	2.29	0.24	13.52	0.27	24.39	9999.99	6.30	6.30	16.26	1.72	1.09	1.09	1.14	340.34	1.06	1.16
Canalmagro_02	ca0019_c	411.00	24.94	0.00	13.03	2.27	2.44	0.25	13.34	0.31	20.93	9999.99	6.37	6.37	16.03	1.44	1.02	1.02	1.01	339.65	1.01	1.01
Canalmagro_02	ca0019_d	412.00	24.93	0.01	13.13	2.36	1.64	0.36	13.27	0.14	21.83	2.14	7.12	7.12	10.82	1.16	1.52	1.52	1.41	192.79	1.02	1.04
Canalmagro_02	ca0020__	434.00	24.39	0.75	12.83	2.07	2.53	0.74	13.19	0.35	14.99	1.41	6.86	6.86	7.96	0.85	0.97	0.97	1.21	117.06	1.09	1.26
Canalmagro_02	ca0021__	463.50	24.31	0.09	12.36	1.84	3.28	1.00	12.96	0.60	14.38	1.21	6.14	6.14	7.40	0.74	0.74	0.74	1.00	119.31	1.09	1.27
Canalmagro_02	ca0022_a	486.50	24.32	0.00	12.19	1.94	3.00	0.72	12.67	0.48	15.34	1.84	4.42	4.42	7.92	0.93	0.81	0.81	1.02	178.41	1.05	1.12
Canalmagro_02	ca0022_b	487.50	24.32	0.00	12.18	1.93	3.04	0.73	12.66	0.48	15.18	9999.99	4.35	4.35	12.19	0.93	0.80	0.80	1.02	394.65	1.05	1.11
Canalmagro_02	ca0023_c	492.00	24.32	0.00	12.12	1.82	3.14	0.76	12.64	0.52	14.87	1.80	4.39	4.39	8.02	0.89	0.77	0.77	0.97	346.83	1.03	1.08
Canalmagro_02	ca0023_d	493.00	24.32	0.00	12.11	1.80	3.17	0.77	12.63	0.53	14.82	1.75	4.39	4.39	7.90	0.88	0.77	0.77	0.97	154.07	1.03	1.08
Canalmagro_02	ca0024__	515.00	24.30	0.03	11.84	2.26	3.26	1.00	12.44	0.60	14.76	1.21	6.15	6.15	7.85	0.78	0.75	0.75	0.95	120.41	1.18	1.55
Canalmagro_02	ca0025__	546.50	24.04	0.15	11.35	2.10	3.21	1.00	11.93	0.59	14.70	1.21	6.22	6.22	7.81	0.79	0.75	0.75	0.97	127.90	1.12	1.36

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
Canalmagro_02	ca0026_a	579.00	23.47	0.47	11.20	1.81	3.47	1.00	11.65	0.61	14.02	1.52	5.26	5.26	8.38	0.86	0.80	0.80	0.95	196.52	1.02	1.05
Canalmagro_02	ca0026_b	580.00	23.47	0.00	10.99	1.61	3.55	1.00	11.61	0.64	13.68	9999.99	4.49	4.49	11.85	0.79	0.68	0.68	0.90	376.36	1.02	1.06
Canalmagro_02	ca0027_c	586.00	23.47	0.00	10.97	1.67	3.55	1.00	11.57	0.65	13.82	2.55	4.47	4.47	9.47	0.79	0.70	0.70	0.87	397.88	1.03	1.11
Canalmagro_02	ca0027_d	587.00	23.47	0.00	10.84	1.54	3.68	0.99	11.53	0.69	13.41	1.43	4.47	4.47	7.48	0.72	0.64	0.64	0.86	172.08	1.00	1.01
Canalmagro_02	ca0028__	622.50	23.10	0.93	10.87	1.84	2.56	0.74	11.21	0.36	13.23	1.31	6.97	6.97	8.16	0.76	0.91	0.91	1.12	115.61	1.07	1.21
Canalmagro_02	ca0029__	665.50	22.85	0.36	10.34	1.52	3.16	1.00	10.88	0.54	12.43	1.09	6.65	6.65	7.57	0.64	0.72	0.72	0.96	112.00	1.07	1.18
Canalmagro_02	ca0030__	680.00	22.88	0.00	9.92	1.22	3.29	1.00	10.48	0.56	11.75	1.13	6.17	6.17	8.26	0.57	0.69	0.69	0.84	127.08	1.05	1.12
Canalmagro_02	ca0031_a	704.00	22.90	0.01	10.03	2.05	1.93	0.50	10.23	0.20	16.26	1.93	6.16	6.16	9.93	0.97	1.19	1.19	1.19	160.74	1.05	1.12
Canalmagro_02	ca0031_b	705.00	22.90	0.00	9.89	1.92	2.44	0.50	10.20	0.31	15.58	9999.99	6.14	6.14	15.34	1.04	0.94	0.94	0.99	321.50	1.08	1.24
Canalmagro_02	ca0032_c	732.00	22.97	0.00	9.78	1.94	2.45	0.59	10.09	0.32	14.11	9999.99	5.58	5.58	14.49	0.89	0.94	0.94	1.03	373.28	1.07	1.22
Canalmagro_02	ca0032_d	733.00	23.62	0.00	9.77	1.93	2.49	0.62	10.09	0.32	14.23	1.69	5.59	5.59	8.90	0.86	0.95	0.95	1.06	171.04	1.05	1.14
Canalmagro_02	ca0033__	794.00	23.69	0.00	9.05	1.47	3.49	0.99	9.68	0.63	13.07	1.29	5.25	5.25	7.69	0.66	0.68	0.68	0.88	144.56	1.07	1.19
Canalmagro_02	ca0034__	844.00	23.74	0.00	8.85	1.65	2.86	0.75	9.27	0.42	13.18	1.48	5.63	5.63	8.66	0.74	0.83	0.83	0.96	158.76	1.02	1.05
Canalmagro_02	ca0035__	889.00	23.78	0.00	8.67	1.61	2.64	0.70	9.03	0.36	13.08	1.45	6.19	6.19	9.29	0.73	0.90	0.90	0.97	153.05	1.08	1.24
Canalmagro_02	ca0036__	923.00	23.81	0.00	8.51	1.54	2.65	0.70	8.87	0.36	13.01	1.45	6.21	6.21	9.22	0.73	0.90	0.90	0.98	152.24	1.04	1.11
Canalmagro_02	ca0037__	945.00	23.82	0.00	8.42	1.56	2.59	0.68	8.77	0.34	13.14	1.47	6.25	6.25	9.29	0.74	0.92	0.92	0.99	153.68	1.01	1.04
Canalmagro_02	ca0038__	1001.50	23.84	0.00	8.04	1.44	2.87	0.85	8.46	0.42	12.62	1.34	6.21	6.21	8.99	0.67	0.83	0.83	0.92	144.62	1.04	1.11
Canalmagro_02	ca0039__	1048.00	23.85	0.00	8.01	1.77	2.09	0.51	8.23	0.22	14.93	1.71	6.64	6.64	9.82	0.86	1.14	1.14	1.16	160.62	1.01	1.02
Canalmagro_02	ca0040__	1134.00	23.76	0.00	7.66	1.49	2.28	0.70	7.93	0.28	12.54	1.14	9.21	9.21	10.20	0.65	1.05	1.05	1.03	111.55	1.05	1.14
Canalmagro_02	ca0041__	1183.00	23.62	0.00	7.54	1.48	1.95	0.59	7.73	0.20	12.91	1.18	10.47	10.47	11.40	0.67	1.23	1.23	1.08	112.08	1.05	1.13
Canalmagro_02	ca0042__	1233.00	23.45	0.00	7.31	1.51	2.27	0.69	7.56	0.28	12.58	1.19	9.14	9.14	10.20	0.67	1.09	1.09	1.07	114.37	1.05	1.12
Canalmagro_02	ca0043__	1279.00	24.15	-2.24	7.14	1.42	2.18	0.72	7.38	0.25	12.73	1.13	10.12	10.12	11.07	0.64	1.14	1.14	1.03	110.93	1.05	1.12
Canalmagro_02	ca0044__	1348.00	24.17	0.00	6.97	1.63	1.88	0.53	7.15	0.18	14.54	1.41	9.24	9.24	11.28	0.76	1.30	1.30	1.15	130.37	1.03	1.07
Canalmagro_02	ca0045__	1380.00	24.02	0.43	6.93	1.79	1.69	0.46	7.08	0.15	15.78	1.50	9.57	9.57	11.65	0.81	1.43	1.43	1.23	132.69	1.03	1.09
Canalmagro_02	ca0046__	1405.00	23.97	0.12	6.90	1.70	1.63	0.44	7.04	0.14	16.07	1.51	9.78	9.78	11.88	0.81	1.47	1.47	1.24	131.85	1.03	1.08
Canalmagro_02	ca0047__	1445.00	23.98	0.00	6.73	1.61	2.04	0.57	6.94	0.22	13.81	1.44	8.15	8.15	10.49	0.74	1.18	1.18	1.12	132.67	1.03	1.09
Canalmagro_02	ca0048__	1503.50	23.93	0.00	6.56	1.62	2.07	0.63	6.77	0.23	13.90	1.31	9.09	9.09	10.43	0.73	1.19	1.19	1.14	118.29	1.05	1.14
Canalmagro_02	ca0049__	1542.00	23.85	0.00	6.51	1.65	1.75	0.54	6.67	0.16	15.02	1.38	10.11	10.11	11.51	0.77	1.39	1.39	1.21	119.46	1.05	1.12
Canalmagro_02	ca0050__	1592.50	23.53	0.35	6.45	1.80	1.58	0.47	6.58	0.13	16.36	1.48	10.25	10.25	11.58	0.82	1.52	1.52	1.31	124.50	1.04	1.10
Canalmagro_02	ca0051__	1648.50	23.22	0.34	6.32	1.76	1.83	0.49	6.48	0.17	15.37	1.70	7.61	7.61	10.81	0.86	1.30	1.30	1.20	154.80	1.01	1.01
Canalmagro_02	ca0052__	1677.50	22.83	-1.19	6.34	1.87	1.39	0.43	6.43	0.10	17.82	1.54	11.15	11.15	12.19	0.85	1.71	1.71	1.41	117.06	1.05	1.12
Canalmagro_02	ca0053__	1722.50	22.07	1.88	6.30	1.86	1.25	0.41	6.38	0.08	18.13	1.53	11.63	11.63	12.62	0.85	1.78	1.78	1.41	116.35	1.04	1.12
Canalmagro_02	ca0054__	1764.50	21.62	0.54	6.23	1.87	1.39	0.47	6.33	0.10	16.59	1.49	10.65	10.65	11.84	0.85	1.58	1.58	1.34	120.46	1.05	1.15
Canalmagro_02	ca0055__	1817.50	20.94	1.12	6.19	1.95	1.25	0.44	6.27	0.08	17.57	1.60	10.53	10.53	12.01	0.88	1.68	1.68	1.40	123.42	1.05	1.13
Canalmagro_02	CA0056A_	1857.85	20.46	0.30	6.16	2.07	1.20	0.41	6.24	0.08	18.19	1.49	11.58	11.58	13.04	0.90	1.72	1.72	1.32	135.08	1.06	1.16
Canalmagro_02	CA0056B_	1878.50	20.16	0.17	6.15	2.10	1.14	0.99	6.22	0.07	18.98	1.57	11.45	11.45	12.88	0.92	1.80	1.80	1.40	130.57	1.06	1.15
Canalmagro_02	CA0056C_	1881.25	20.16	0.00	6.18	2.20	0.82	0.22	6.21	0.04	27.70	2.10	11.79	11.79	15.53	1.05	2.47	2.47	1.59	115.76	1.04	1.12
Canalmagro_02	CA0056D_	1887.35	20.20	0.00	6.04	2.04	1.75	0.40	6.19	0.16	15.45	2.04	5.71	5.71	9.80	1.02	1.17	1.17	1.19	97.24	1.00	1.00
Canalmagro_02	CA0056E_	1895.50	20.23	0.00	6.00	1.99	1.87	0.44	6.17	0.18	14.58	1.99	5.50	5.50	9.47	0.99	1.09	1.09	1.15	96.19	1.00	1.00
Canalmagro_02	CA0056F_	1904.65	20.27	0.00	5.98	2.05	1.81	0.41	6.14	0.17	15.19	2.05	5.50	5.50	9.61	1.03	1.13	1.13	1.18	96.81	1.00	1.00
Canalmagro_02	CA0056F_	1918.90	20.32	0.00	5.93	2.00	1.84	0.43	6.09	0.17	14.80	2.00	5.58	5.58	9.58	1.00	1.12	1.12	1.17	96.54	1.00	1.00
Canalmagro_02	CA0056G_	1931.80	20.27	0.13	5.76	1.91	2.41	0.67	6.03	0.31	12.48	1.62	5.38	5.38	8.00	0.89	0.87	0.87	1.09	106.15	1.03	1.09

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	$\beta$	$\alpha$
Canalmagro_02	CA0057__	1950.00	20.87	0.32	5.76	1.90	1.94	0.50	5.94	0.20	14.01	1.76	6.23	6.23	8.95	0.92	1.10	1.10	1.23	105.47	1.02	1.06
Canalmagro_02	CA0057A_	1962.45	20.73	0.21	5.70	2.03	2.20	0.67	5.90	0.27	13.32	1.37	7.72	7.72	8.93	0.85	1.06	1.06	1.19	126.54	1.08	1.23
Canalmagro_02	CA0057Aa	1998.00	20.44	0.45	5.76	2.31	1.17	0.29	5.82	0.07	21.35	1.97	9.20	9.20	11.44	1.05	1.81	1.81	1.58	143.44	1.04	1.10
Canalmagro_02	CA0057Ab	1999.00	20.45	0.00	5.66	2.21	1.75	0.22	5.81	0.16	19.08	9999.99	8.61	8.61	18.88	1.33	1.17	1.17	1.12	273.06	1.03	1.08
Canalmagro_02	CA0057Ac	2006.00	20.51	0.00	5.58	2.05	1.90	0.24	5.76	0.19	16.96	9999.99	8.46	8.46	18.70	1.21	1.08	1.08	1.04	266.62	1.03	1.06
Canalmagro_02	CA0058Ad	2007.00	20.51	0.01	5.63	2.10	1.30	0.34	5.71	0.09	17.87	1.76	9.08	9.08	11.36	0.95	1.60	1.60	1.41	141.45	1.03	1.08
Canalmagro_02	CA0058AA	2043.50	19.54	1.56	5.49	1.85	2.43	0.85	5.65	0.32	12.13	1.23	9.08	9.08	9.82	0.77	1.12	1.12	1.14	120.57	1.08	1.21
Canalmagro_02	CA0058AB	2104.50	17.68	6.89	5.43	2.01	1.43	0.43	5.54	0.11	13.35	1.39	9.08	9.08	9.82	0.85	1.26	1.26	1.28	121.12	1.08	1.22
Canalmagro_02	CA0058AC	2159.70	17.55	0.25	5.20	1.82	2.08	0.66	5.41	0.24	10.44	1.15	7.86	7.86	9.02	0.75	0.90	0.90	1.00	123.70	1.09	1.25
Canalmagro_02	CA0058A_	2293.60	14.18	5.82	5.12	2.37	0.94	0.26	5.17	0.05	16.33	1.61	9.34	9.34	10.41	0.99	1.51	1.51	1.45	123.81	1.08	1.24
Canalmagro_02	CA0058_M	2298.00	14.18	0.00	5.13	2.50	0.71	0.15	5.16	0.03	25.85	2.49	7.97	7.97	12.94	1.25	1.99	1.99	1.53	120.83	1.06	1.18
Canalmagro_02	CA0058__	2300.00	14.17	0.00	5.13	2.50	0.71	0.15	5.16	0.03	25.84	2.49	7.97	7.97	12.94	1.25	1.99	1.99	1.53	120.83	1.06	1.18
Canalmagro_02	CA0058B_	2305.00	14.17	0.00	5.07	2.42	1.30	0.27	5.15	0.09	15.05	2.42	4.50	4.50	9.33	1.21	1.09	1.09	1.17	143.55	1.00	1.00
Canalmagro_02	CA0058C_	2316.40	14.17	0.00	5.04	2.34	1.35	0.28	5.14	0.09	14.26	2.34	4.50	4.50	9.18	1.17	1.05	1.05	1.15	96.02	1.00	1.00
Canalmagro_02	CA0058D_	2324.45	14.17	0.00	5.03	2.33	1.35	0.28	5.12	0.09	14.19	2.33	4.51	4.51	9.17	1.17	1.05	1.05	1.15	95.99	1.00	1.00
Canalmagro_02	CA0058E_	2350.70	14.17	0.00	4.89	2.09	1.82	0.48	5.07	0.18	9.99	1.54	5.06	5.06	7.85	0.92	0.78	0.78	0.99	171.85	1.07	1.21
Canalmagro_02	CA0058F_	2354.45	14.15	0.02	4.92	2.11	1.52	0.44	5.05	0.13	10.19	1.36	6.83	6.83	8.24	0.84	0.93	0.93	1.13	118.97	1.10	1.29
Canalmagro_02	CA0058G_	2382.50	14.04	0.17	4.81	1.94	1.78	0.56	4.98	0.18	8.76	1.12	7.01	7.01	8.22	0.76	0.79	0.79	0.96	127.58	1.10	1.29
Canalmagro_02	CA0058H_	2485.95	13.57	0.44	4.47	1.73	1.92	0.61	4.67	0.20	7.77	1.10	6.46	6.46	7.52	0.69	0.71	0.71	0.94	112.24	1.09	1.28
Canalmagro_02	CA0058I_	2534.12	13.31	0.17	4.33	1.74	1.97	0.67	4.50	0.22	7.44	1.10	6.40	6.40	7.44	0.69	0.71	0.71	0.95	112.21	1.09	1.28
Canalmagro_02	CA0058L_	2615.70	12.75	0.17	4.26	2.14	1.21	0.35	4.33	0.08	10.98	1.40	7.78	7.78	9.22	0.87	1.09	1.09	1.18	124.71	1.09	1.27
Canalmagro_02	CA0059Aa	2621.00	12.70	0.00	4.25	2.13	1.21	0.35	4.33	0.08	10.93	1.39	7.77	7.77	9.21	0.86	1.08	1.08	1.17	124.67	1.09	1.27
Canalmagro_02	CA0059Ab	2622.00	12.70	0.00	4.24	2.14	1.30	0.19	4.32	0.09	14.10	9999.99	5.93	5.93	15.29	1.27	0.98	0.98	1.09	364.41	1.02	1.05
Canalmagro_02	CA0060Ac	2629.50	12.77	0.00	4.24	2.14	1.31	0.19	4.32	0.09	14.04	9999.99	5.93	5.93	15.15	1.27	0.98	0.98	1.09	364.21	1.02	1.05
Canalmagro_02	CA0060Ad	2630.50	12.77	0.00	4.24	2.14	1.28	0.37	4.32	0.09	10.69	1.40	7.50	8.15	9.31	0.86	1.05	1.05	1.13	132.19	1.10	1.28
Canalmagro_02	CA0060B_	2642.95	12.56	0.30	4.21	1.92	1.44	0.47	4.30	0.11	8.94	1.15	8.15	8.15	9.11	0.77	0.93	0.93	1.03	120.22	1.08	1.26
Canalmagro_02	CA0060C_	2701.76	11.72	0.92	4.14	2.12	1.42	0.44	4.23	0.11	8.92	1.18	7.60	7.60	8.79	0.81	0.90	0.90	1.02	130.09	1.10	1.28
Canalmagro_02	CA0060D_	2766.62	11.09	0.67	4.04	1.89	1.48	0.51	4.14	0.12	7.91	1.21	6.84	6.84	7.89	0.76	0.83	0.83	1.05	115.31	1.09	1.27
Canalmagro_02	CA0061Aa	2774.50	11.03	0.08	4.04	2.04	1.36	0.43	4.13	0.10	8.70	1.29	6.84	6.84	8.04	0.81	0.88	0.88	1.10	119.32	1.10	1.29
Canalmagro_02	CA0061Ab	2775.50	11.04	0.00	3.93	1.93	1.87	0.40	4.11	0.18	7.92	9999.99	3.55	3.55	10.17	0.99	0.59	0.59	0.87	438.75	1.04	1.10
Canalmagro_02	CA0062Ac	2781.50	11.05	0.00	3.92	1.94	1.89	0.41	4.10	0.18	7.72	9999.99	3.49	3.49	10.05	0.95	0.59	0.59	0.87	445.31	1.06	1.17
Canalmagro_02	CA0062Ad	2782.50	11.05	0.05	3.96	1.98	1.42	0.42	4.06	0.11	8.09	1.27	6.50	6.50	7.62	0.78	0.83	0.83	1.09	120.83	1.09	1.26
Canalmagro_02	CA0062B_	2800.53	10.94	0.47	3.93	1.89	1.44	0.44	4.03	0.11	7.73	1.25	6.43	6.43	7.53	0.76	0.80	0.80	1.07	118.82	1.09	1.26
Canalmagro_02	CA0062C_	2837.98	10.77	0.29	3.87	1.84	1.48	0.48	3.98	0.12	7.43	1.19	6.50	6.50	7.55	0.75	0.77	0.77	1.02	117.71	1.09	1.27
Canalmagro_02	CA0063Aa	2872.50	10.81	0.03	3.76	1.85	1.71	0.47	3.92	0.16	7.28	1.50	4.21	5.47	7.96	0.83	0.63	0.63	0.91	199.19	1.07	1.16
Canalmagro_02	CA0063Ab	2873.50	10.81	0.00	3.67	1.76	2.12	0.46	3.91	0.24	7.07	9999.99	3.96	3.96	9.98	0.91	0.51	0.51	0.85	335.07	1.06	1.15
Canalmagro_02	CA0064Ac	2880.50	10.82	0.00	3.64	1.71	2.01	0.39	3.85	0.21	7.13	9999.99	3.71	3.71	10.18	0.91	0.54	0.54	0.83	194.27	1.00	1.00
Canalmagro_02	CA0064Ad	2881.50	10.82	0.00	3.63	1.70	1.78	0.46	3.80	0.16	6.92	1.55	3.91	3.91	6.89	0.81	0.61	0.61	0.88	94.86	1.00	1.01
Canalmagro_02	CA0064B_	2889.32	10.82	0.03	3.68	1.68	1.23	0.39	3.76	0.08	7.51	1.11	7.92	9.04	8.81	0.69	0.88	0.89	1.00	109.33	1.08	1.23
Canalmagro_02	CA0064C_	2914.91	10.89	0.01	3.52	1.58	1.83	0.61	3.70	0.19	5.99	1.01	5.91	5.91	6.92	0.64	0.59	0.59	0.86	114.68	1.09	1.26
Canalmagro_02	CA0064D_	2977.37	10.72	0.04	3.40	1.67	2.07	1.02	3.55	0.24	6.16	0.91	7.21	7.80	8.13	0.64	0.66	0.66	0.81	120.58	1.09	1.27
Canalmagro_02	CA0065Aa	3000.50	10.59	0.03	3.45	2.20	0.92	0.24	3.49	0.05	12.30	1.67	6.91	6.91	9.41	0.98	1.15	1.15	1.23	164.47	1.05	1.12

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
Canalmagro_02	CA0065Ab	3001.50	10.59	0.00	3.40	2.15	1.32	0.21	3.49	0.09	11.06	9999.99	5.14	5.14	13.28	1.20	0.80	0.80	1.00	207.87	1.00	1.01
Canalmagro_02	CA0066Ac	3005.50	10.61	0.00	3.40	2.24	1.25	0.20	3.48	0.08	11.98	9999.99	5.14	5.14	13.24	1.25	0.85	0.85	1.04	376.61	1.01	1.02
Canalmagro_02	CA0066Ad	3006.50	10.62	0.00	3.42	2.26	0.91	0.23	3.46	0.04	12.88	1.75	6.64	6.64	9.50	1.02	1.16	1.16	1.23	173.81	1.05	1.13
Canalmagro_02	CA0066B_	3017.34	10.56	0.04	3.37	2.00	1.28	0.39	3.45	0.09	8.40	1.40	6.11	6.44	7.86	0.82	0.86	0.86	1.09	137.72	1.06	1.16
Canalmagro_02	CA0067Aa	3029.50	11.38	0.01	3.33	2.06	1.52	0.44	3.44	0.12	8.45	1.38	5.76	5.76	7.84	0.84	0.79	0.79	1.01	154.77	1.06	1.15
Canalmagro_02	CA0067Ab	3030.50	11.38	0.00	3.17	1.90	2.28	0.53	3.44	0.27	7.45	9999.99	3.31	3.31	9.32	0.96	0.50	0.50	0.83	413.00	1.01	1.02
Canalmagro_02	CA0068Ac	3035.00	11.39	0.00	3.11	1.79	2.33	0.56	3.39	0.28	7.17	9999.99	3.31	3.31	9.09	0.90	0.49	0.49	0.84	368.90	1.04	1.10
Canalmagro_02	CA0068Ad	3036.00	11.39	0.00	3.16	1.84	1.70	0.49	3.28	0.15	7.10	1.34	5.23	5.23	7.13	0.76	0.69	0.69	0.98	144.87	1.05	1.13
Canalmagro_02	CA0068B_	3062.59	11.38	0.00	3.12	1.68	1.58	0.51	3.23	0.13	7.07	1.27	5.79	5.79	7.57	0.73	0.74	0.74	0.97	136.94	1.05	1.13
Canalmagro_02	CA0068C_	3073.26	11.37	0.00	3.12	1.74	1.47	0.44	3.21	0.12	7.61	1.34	5.85	5.85	7.83	0.77	0.79	0.79	1.01	142.71	1.05	1.13
Canalmagro_02	CA0068D_	3076.56	11.37	0.00	3.10	1.73	1.57	0.47	3.21	0.13	7.34	1.32	5.62	5.62	7.68	0.76	0.74	0.74	0.97	146.33	1.06	1.16
Canalmagro_02	CA0068E_	3103.54	11.14	1.07	3.08	1.82	1.38	0.44	3.16	0.10	7.67	1.25	6.57	6.57	7.63	0.75	0.82	0.82	1.08	120.56	1.08	1.21
Canalmagro_02	CA0069Aa	3143.00	10.93	0.30	3.02	1.85	1.42	0.47	3.11	0.11	7.45	1.25	6.21	6.21	7.49	0.75	0.78	0.78	1.04	122.63	1.08	1.24
Canalmagro_02	CA0069Ab	3144.00	10.93	0.00	3.03	1.86	1.24	0.29	3.09	0.08	9.48	5.49	4.80	4.80	11.69	0.93	0.89	0.89	1.02	207.98	1.00	1.00
Canalmagro_02	CA0070Ac	3148.00	10.92	0.00	3.02	1.79	1.29	0.31	3.09	0.08	8.92	1.79	4.80	4.80	8.37	0.89	0.86	0.86	1.02	208.40	1.00	1.00
Canalmagro_02	CA0070Ad	3149.00	10.92	0.00	3.00	1.77	1.32	0.41	3.08	0.10	7.86	1.30	6.52	7.17	8.67	0.77	0.85	0.85	1.01	136.64	1.08	1.23
Canalmagro_02	CA0070B_	3167.68	10.75	0.43	2.99	1.87	1.21	0.38	3.06	0.08	8.25	1.34	6.74	6.74	7.92	0.78	0.90	0.90	1.14	120.45	1.07	1.20
Canalmagro_02	CA0071Aa	3188.50	10.56	0.67	2.98	2.09	1.11	0.30	3.04	0.07	9.70	1.55	6.22	6.22	7.96	0.89	0.96	0.96	1.21	135.22	1.08	1.23
Canalmagro_02	CA0071Ab	3189.50	10.56	0.00	2.83	1.94	2.09	0.59	3.01	0.22	7.79	9999.99	3.87	3.87	12.91	1.12	0.52	0.52	0.74	186.94	1.00	1.00
Canalmagro_02	CA0072Ac	3194.00	10.55	0.00	2.77	1.84	2.36	0.74	2.97	0.29	7.15	9999.99	4.27	4.27	13.26	1.06	0.49	0.49	0.74	316.48	1.06	1.16
Canalmagro_02	CA0072Ad	3195.00	10.55	0.00	2.84	1.91	1.39	0.41	2.92	0.11	7.76	1.35	5.95	5.95	7.60	0.81	0.80	0.80	1.06	130.28	1.10	1.27
Canalmagro_02	CA0072B_	3214.35	10.50	0.00	2.83	1.62	1.35	0.42	2.90	0.10	6.94	1.13	7.34	7.34	8.43	0.69	0.83	0.83	0.98	119.25	1.07	1.20
Canalmagro_02	CA0072C_	3241.39	10.40	0.01	2.79	1.60	1.37	0.44	2.87	0.10	6.80	1.12	7.33	7.33	8.36	0.68	0.82	0.82	0.98	115.19	1.07	1.21
Canalmagro_02	CA0072D_	3302.39	10.04	0.38	2.72	1.63	1.33	0.43	2.79	0.10	6.79	1.10	7.53	7.53	8.55	0.68	0.83	0.83	0.97	120.71	1.07	1.20
Canalmagro_02	CA0072Ea	3334.65	9.85	0.09	2.71	1.97	1.04	0.30	2.76	0.06	9.90	1.43	7.14	7.14	8.98	0.88	1.02	1.02	1.14	139.03	1.09	1.24
Canalmagro_02	CA0072Eb	3335.65	9.85	0.00	2.71	1.97	1.08	0.26	2.76	0.06	10.36	1.97	4.85	4.85	8.79	0.99	0.96	0.96	1.09	256.35	1.03	1.08
Canalmagro_02	CA0072Fc	3339.65	9.83	0.00	2.71	1.97	1.08	0.26	2.76	0.06	10.34	1.97	4.85	4.85	8.79	0.98	0.96	0.96	1.09	223.29	1.02	1.07
Canalmagro_02	CA0072Fd	3340.65	9.83	0.00	2.71	1.97	1.06	0.29	2.76	0.06	9.76	1.51	6.61	6.61	8.55	0.88	1.00	1.00	1.16	135.50	1.09	1.25
Canalmagro_02	CA0072G_	3356.80	9.73	0.01	2.69	1.71	1.13	0.36	2.75	0.07	7.70	1.09	8.73	8.73	9.66	0.71	0.95	0.95	0.98	120.50	1.07	1.22
Canalmagro_02	CA0072H_	3383.74	9.53	0.00	2.63	1.52	1.38	0.85	2.71	0.10	6.09	1.06	7.23	7.23	8.20	0.63	0.77	0.77	0.94	111.73	1.07	1.19
Canalmagro_02	CA0072L_	3387.66	9.50	0.00	2.65	1.69	1.08	0.31	2.70	0.06	8.09	1.36	7.01	7.01	9.04	0.75	0.95	0.95	1.05	137.41	1.04	1.09
Canalmagro_02	CA0072L_	3392.53	9.46	0.00	2.64	1.71	1.10	0.31	2.70	0.06	8.19	1.40	6.66	6.66	8.81	0.77	0.93	0.93	1.06	142.78	1.04	1.10
Canalmagro_02	CA0072M_	3399.26	9.42	0.00	2.64	1.69	1.09	0.31	2.69	0.06	8.25	1.40	6.70	6.70	8.83	0.78	0.94	0.94	1.06	141.62	1.05	1.12
Canalmagro_02	CA0073Aa	3409.50	9.35	0.00	2.63	1.82	1.11	0.31	2.69	0.06	8.42	1.43	6.39	6.39	8.69	0.81	0.91	0.91	1.05	154.77	1.04	1.09
Canalmagro_02	CA0073Ab	3410.50	9.34	0.00	2.59	1.78	1.39	0.42	2.68	0.10	8.23	9999.99	5.87	5.87	18.56	0.95	0.74	0.74	0.67	249.84	1.03	1.07
Canalmagro_02	CA0074Ac	3415.00	9.33	0.00	2.59	1.91	1.36	0.40	2.66	0.10	8.55	9999.99	5.74	5.74	18.28	0.97	0.75	0.75	0.71	257.75	1.03	1.08
Canalmagro_02	CA0074Ad	3416.00	9.33	0.00	2.60	1.92	1.11	0.31	2.66	0.07	8.56	1.46	6.21	6.21	8.54	0.83	0.91	0.91	1.06	157.64	1.04	1.09
Canalmagro_02	CA0074B_	3423.81	9.28	0.00	2.59	1.74	1.15	0.33	2.65	0.07	7.96	1.39	6.34	6.34	8.56	0.79	0.88	0.88	1.03	150.41	1.04	1.11
Canalmagro_02	CA0075Aa	3434.00	9.21	0.95	2.59	1.78	1.13	0.32	2.64	0.07	8.11	1.41	6.34	8.71	8.38	0.80	0.89	0.95	1.06	149.59	1.04	1.10
Canalmagro_02	CA0075Ab	3435.00	9.21	0.00	2.57	1.76	1.34	0.48	2.64	0.09	8.42	9999.99	8.34	8.34	21.39	0.91	0.80	0.80	0.67	252.18	1.03	1.08
Canalmagro_02	CA0076Ac	3437.00	9.20	0.00	2.56	1.81	1.30	0.39	2.63	0.09	8.69	9999.99	6.13	8.28	19.51	0.96	0.79	0.84	0.71	260.03	1.06	1.17
Canalmagro_02	CA0076Ad	3438.00	9.19	0.13	2.57	1.82	1.07	0.30	2.62	0.06	8.73	1.45	6.53	8.68	8.63	0.82	0.95	1.00	1.10	150.80	1.04	1.10

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
Canalmagro_02	CA0076Bd	3454.53	9.13	0.28	2.55	1.68	1.17	0.37	2.61	0.07	7.01	1.22	7.12	7.12	8.42	0.69	0.87	0.87	1.03	119.68	1.05	1.15
Canalmagro_02	CA0076AA	3471.53	9.07	0.23	2.55	1.81	1.06	0.35	2.60	0.06	8.06	1.16	8.27	8.27	9.20	0.74	0.96	0.96	1.04	121.34	1.08	1.22
Canalmagro_02	CA0076CA	3548.53	8.97	0.00	2.49	1.60	1.04	0.34	2.54	0.06	7.23	1.08	8.67	8.67	9.56	0.67	0.94	0.94	0.98	110.60	1.07	1.22
Canalmagro_02	CA0076DA	3565.90	8.94	0.00	2.44	1.72	1.36	0.46	2.51	0.10	6.00	1.03	7.05	7.05	8.15	0.68	0.73	0.73	0.89	119.71	1.09	1.27
Canalmagro_02	CA0076EA	3578.95	8.92	0.00	2.44	1.80	1.25	0.41	2.49	0.09	6.46	1.05	7.52	7.52	8.66	0.70	0.79	0.79	0.91	124.59	1.09	1.27
Canalmagro_02	CA0076EB	3585.95	8.91	0.00	2.45	1.84	0.88	0.28	2.48	0.04	8.66	1.04	10.61	10.61	11.57	0.73	1.10	1.10	0.95	134.73	1.08	1.22
Canalmagro_02	CA0076EC	3607.01	8.89	0.00	2.45	1.81	0.83	0.27	2.46	0.04	8.58	1.16	9.72	9.72	10.57	0.71	1.13	1.13	1.07	115.09	1.07	1.19
Canalmagro_02	ca0077_a	3646.00	9.34	0.00	2.43	2.17	1.05	0.25	2.45	0.06	9.83	1.96	4.67	4.67	8.15	1.01	0.91	0.91	1.12	193.80	1.03	1.09
Canalmagro_02	ca0077_b	3647.00	9.34	0.00	2.42	2.16	1.09	0.24	2.45	0.06	9.80	9999.99	4.66	4.66	12.55	1.07	0.85	0.85	1.08	415.91	1.03	1.09
Canalmagro_02	ca0078_c	3659.00	9.33	0.00	2.40	2.08	1.57	0.41	2.44	0.13	6.37	1.73	3.83	3.83	6.78	0.87	0.64	0.64	0.95	396.12	1.03	1.06
Canalmagro_02	ca0078_d	3660.00	9.34	0.00	2.40	2.08	1.57	0.41	2.44	0.13	6.35	1.66	3.86	3.86	6.63	0.87	0.64	0.64	0.97	171.93	1.03	1.06
Canalmagro_02	CA0078A_	3667.75	9.35	0.00	2.41	1.49	1.25	0.43	2.43	0.08	5.80	1.06	7.92	7.92	8.81	0.64	0.84	0.84	0.95	110.47	1.07	1.19
Canalmagro_02	CA0078B_	3685.70	9.38	0.00	2.40	1.61	1.20	0.40	2.42	0.08	6.33	1.12	7.79	7.79	8.79	0.68	0.87	0.87	0.99	113.29	1.07	1.20
Canalmagro_02	CA0078C_	3700.75	9.40	0.00	2.39	1.55	1.36	0.48	2.42	0.10	5.71	0.99	8.28	8.28	9.12	0.65	0.82	0.82	0.90	115.12	1.07	1.22
Canalmagro_02	CA0078D_	3716.00	9.43	0.00	2.39	1.50	1.29	0.48	2.41	0.09	5.84	0.97	9.20	9.20	9.97	0.61	0.89	0.89	0.90	105.29	1.07	1.22
Canalmagro_02	CA0078E_	3739.80	9.47	0.00	2.38	1.53	1.49	0.50	2.40	0.12	5.81	1.12	7.26	7.26	8.28	0.66	0.81	0.81	0.98	113.25	1.07	1.19
Canalmagro_02	CA0078F_	3765.15	9.47	0.00	2.37	1.61	2.19	0.83	2.39	0.26	5.35	1.08	6.97	6.97	7.92	0.66	0.75	0.75	0.95	110.17	1.08	1.23
Canalmagro_02	CA0079_	3781.00	9.19	0.89	2.37	1.65	1.81	1.00	2.38	0.18	6.46	1.20	7.28	7.28	8.32	0.71	0.87	0.87	1.05	114.21	1.07	1.20
Sale	sl1001_	2295.00	3.25	0.89	2.67	1.74	0.68	0.26	2.68	0.03	4.57	1.12	6.09	6.09	6.71	0.67	0.68	0.68	1.01	112.86	1.07	1.20
Sale	sl1002_	2353.30	3.07	-1.78	2.67	1.75	0.65	0.25	2.67	0.02	4.71	1.13	6.09	6.09	6.71	0.68	0.69	0.69	1.02	112.90	1.07	1.20
Sale	sl1003_	2411.60	3.89	-2.02	2.64	1.72	0.63	0.24	2.66	0.02	4.68	1.10	6.09	6.09	6.71	0.66	0.67	0.67	1.00	112.79	1.07	1.20
Sale	sl0001_a	2469.86	9.15	-5.29	2.59	1.67	0.86	0.25	2.63	0.04	8.48	1.28	8.38	8.38	9.18	0.71	1.08	1.08	1.17	98.40	1.07	1.19
Sale	sl0001_b	2471.86	9.15	0.00	2.52	1.60	1.32	0.32	2.61	0.10	6.39	2.06	5.25	5.25	10.67	0.73	0.69	0.69	0.66	362.95	1.10	1.27
Sale	sl0001_c	2502.86	9.16	0.00	2.50	1.58	1.32	0.32	2.59	0.10	6.37	2.00	5.25	5.25	10.59	0.73	0.69	0.69	0.67	366.89	1.10	1.26
Sale	sl0001_d	2504.86	9.30	0.02	2.52	1.70	0.93	0.26	2.56	0.05	8.28	1.39	7.26	7.26	9.01	0.73	1.01	1.01	1.12	117.24	1.04	1.11
Sale	sl0002_a	2602.86	6.76	2.95	2.47	1.55	0.63	0.27	2.49	0.02	5.06	0.63	17.20	17.20	19.31	0.42	1.08	1.08	0.56	126.75	1.20	1.63
Sale	sl0002_b	2607.86	6.76	0.00	2.40	1.48	1.21	0.69	2.47	0.08	2.57	2.55	17.03	17.03	21.39	0.60	0.56	0.56	0.26	235.00	1.14	1.42
Sale	sl0002_c	2610.86	6.76	0.00	2.39	1.47	1.41	0.83	2.46	0.11	2.47	3.39	16.80	16.80	21.16	0.62	0.55	0.55	0.26	234.13	1.14	1.42
Sale	sl0002_d	2615.86	5.61	1.27	2.41	1.49	0.60	0.33	2.42	0.02	4.18	0.57	17.09	17.09	19.18	0.41	0.97	0.97	0.50	128.78	1.20	1.63
Sale	sl0003aa	2694.76	1.60	4.23	2.39	1.63	-0.39	0.17	2.40	0.01	2.95	0.93	11.18	11.18	13.51	0.53	0.56	0.56	0.44	228.95	1.35	2.06
Sale	sl0003ab	2696.76	1.59	0.00	2.38	1.62	0.65	0.33	2.39	0.02	2.00	1.90	9.39	9.39	14.13	0.76	0.28	0.28	0.36	293.28	1.12	1.32
Sale	sl0003ac	2780.21	1.48	0.00	2.34	1.60	0.69	0.31	2.35	0.03	1.88	2.53	6.47	6.47	11.26	0.77	0.26	0.26	0.36	289.97	1.13	1.36
Sale	sl0003ad	2782.21	1.42	0.11	2.34	1.60	-0.40	0.18	2.35	0.01	3.87	0.99	6.73	11.16	12.80	0.58	0.67	0.67	0.64	191.30	1.18	1.51
Sale	sl0003_a	2942.86	1.86	-0.60	2.32	1.53	0.77	0.28	2.33	0.03	1.82	0.95	2.91	7.52	4.67	0.63	0.28	0.29	0.59	152.50	1.15	1.42
Sale	sl0003_b	2947.86	1.86	0.00	2.31	1.53	0.61	0.10	2.32	0.02	2.85	9999.99	2.50	2.50	7.42	0.92	0.30	0.30	0.58	189.49	1.05	1.16
Sale	sl0003_c	2952.86	1.85	0.00	2.31	1.53	0.61	0.10	2.32	0.02	2.85	9999.99	2.50	2.50	7.42	0.92	0.30	0.30	0.58	189.45	1.05	1.16
Sale	sl0003_d	2957.86	1.85	-0.08	2.31	1.53	0.79	0.30	2.32	0.04	1.80	0.94	2.91	7.52	4.67	0.63	0.27	0.28	0.59	152.56	1.15	1.42
Sale	sl0004_a	2992.86	1.84	0.01	2.31	1.69	0.44	0.15	2.31	0.01	3.21	1.00	4.77	5.30	6.17	0.67	0.48	0.48	0.77	126.84	1.11	1.32
Sale	sl0004_b	2997.86	1.83	0.00	2.31	1.68	0.47	0.12	2.31	0.01	3.58	9999.99	2.50	2.50	8.35	0.85	0.42	0.42	0.72	184.58	1.00	1.00
Sale	sl0004_c	3002.86	1.83	0.00	2.31	1.68	0.47	0.12	2.31	0.01	3.57	9999.99	2.50	2.50	8.35	0.84	0.42	0.42	0.71	184.58	1.00	1.00
Sale	sl1004_d	3005.36	1.83	0.04	2.31	1.69	0.44	0.15	2.31	0.01	3.20	1.03	4.57	9.82	5.91	0.67	0.47	0.55	0.80	126.27	1.10	1.28
Sale	sl0004_d	3007.86	1.82	0.08	2.31	1.69	0.44	0.15	2.31	0.01	3.20	1.03	4.57	9.82	5.92	0.67	0.47	0.55	0.80	126.28	1.10	1.28

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
Sale	si0005__	3381.86	2.80	4.39	2.30	1.74	0.49	0.17	2.30	0.01	5.05	1.13	6.60	13.63	7.52	0.68	0.75	0.97	0.99	116.20	1.08	1.22
Sale	si0006_a	3911.54	4.01	1.23	2.30	1.79	1.19	0.47	2.30	0.08	5.78	1.31	5.79	5.79	6.84	0.76	0.76	0.76	1.10	115.29	1.09	1.25
Sale	si0006_b	3913.54	4.01	0.00	2.30	1.80	1.27	0.40	2.30	0.08	4.63	9999.99	3.10	3.10	8.80	1.15	0.40	0.40	0.69	182.38	1.00	1.00
Sale	si0006_c	3925.07	4.00	0.00	2.30	1.80	1.30	0.42	2.30	0.09	4.64	9999.99	3.10	3.10	8.80	1.15	0.40	0.40	0.69	182.14	1.00	1.00
Sale	si0006_d	3927.07	4.00	0.01	2.30	1.80	1.25	0.50	2.30	0.09	5.82	1.31	5.79	5.79	6.85	0.77	0.76	0.76	1.11	115.55	1.09	1.25
Sale	si1007__	4055.99	3.74	0.00	2.30	1.91	0.87	0.54	2.30	0.04	18.33	1.33	19.06	19.06	19.59	0.72	2.54	2.54	1.30	105.31	1.01	1.04
Sale	si0007__	4056.99	3.88	0.00	2.30	1.91	1.16	1.00	2.30	0.07	18.34	1.33	19.06	19.06	19.59	0.72	2.54	2.54	1.30	105.32	1.01	1.04
Sforza	si0010_b	4273.04	1.60	-1.50	2.17	1.95	1.04	0.41	2.17	0.06	2.04	9999.99	1.10	1.10	5.70	1.13	0.18	0.18	0.37	148.28	1.00	1.00
Sforza	si0011_c	4478.94	1.61	-0.61	2.12	1.78	1.03	0.24	2.13	0.06	2.23	9999.99	2.24	5.31	8.36	1.22	0.18	0.22	0.31	338.45	1.18	1.54
Sforza	si0011_d	4480.94	2.00	-0.03	2.12	1.78	0.94	0.45	2.12	0.05	5.30	1.31	5.20	5.20	6.60	0.77	0.68	0.68	1.04	122.38	1.10	1.27
Sforza	si0012__	4567.50	1.86	1.06	2.12	2.17	0.32	0.12	2.12	0.01	11.85	1.71	6.95	29.48	8.24	1.00	1.19	3.25	1.44	141.74	1.07	1.17
Sforza	si0013_a	4659.46	1.78	-0.21	2.12	2.12	0.35	0.14	2.12	0.01	13.73	1.51	10.42	32.28	11.28	0.87	1.57	3.43	1.40	136.41	1.11	1.31
Sforza	si0013_b	4661.46	1.78	0.02	2.12	2.12	0.34	0.14	2.12	0.01	10.70	9999.99	6.67	32.28	20.01	1.06	1.01	3.19	0.79	241.15	1.06	1.17
Sforza	si0013_c	4662.96	1.78	0.03	2.12	2.12	0.34	0.14	2.12	0.01	10.70	9999.99	6.67	32.28	20.01	1.06	1.01	3.19	0.79	241.15	1.06	1.17
Sforza	si0013_d	4664.96	1.78	0.03	2.12	2.12	0.34	0.14	2.12	0.01	13.73	1.51	10.42	32.28	11.28	0.87	1.57	3.43	1.40	136.43	1.11	1.31
Sforza	si0014_a	4692.64	1.78	0.62	2.12	2.05	0.35	0.15	2.12	0.01	13.45	1.50	10.42	32.28	11.26	0.86	1.56	3.42	1.39	134.24	1.11	1.30
Sforza	si0014_b	4694.64	1.84	-0.06	2.11	2.04	1.15	0.29	2.12	0.07	3.62	9999.99	2.00	2.00	7.40	1.39	0.26	0.26	0.41	153.04	1.00	1.00
Sforza	si0014_c	4697.44	1.85	-0.01	2.11	2.04	1.15	0.29	2.12	0.07	3.61	9999.99	2.00	2.00	7.40	1.39	0.26	0.26	0.41	152.91	1.00	1.00
Sforza	si0014_d	4699.44	1.88	0.03	2.12	2.04	0.41	0.18	2.12	0.01	11.77	1.44	9.86	15.63	10.74	0.83	1.42	1.83	1.32	134.36	1.14	1.38
Sforza	si0015__	4711.94	1.13	1.01	2.12	1.99	0.25	0.11	2.12	0.00	11.33	1.42	9.86	15.63	10.67	0.81	1.40	1.81	1.31	129.75	1.13	1.36
Sforza	si0016_a	4727.04	1.13	-0.08	2.12	1.92	0.28	0.12	2.12	0.00	9.34	1.46	8.12	8.12	10.18	0.79	1.18	1.18	1.16	128.75	1.12	1.31
Sforza	si0016_b	4728.04	1.13	0.00	2.12	1.92	1.34	0.46	2.12	0.09	1.42	9999.99	1.00	1.00	4.00	1.42	0.10	0.10	0.33	142.78	1.00	1.00
Sforza	si0016_d	4744.96	1.13	0.00	3.54	3.91	1.32	0.03	3.54	0.09	5.90	9999.99	1.00	1.00	4.72	2.81	0.21	0.21	0.45	126.64	1.00	1.00













Cassa	H [m]	V [m³]	s [m³/s]
APE_I1	7.77	5709.30	3.11
APE_I2	8.07	13440.35	3.54
APE_I3	13.55	1767.10	0.98
bidi_canalmag	1.38	364346.80	55.76

Portella	s [m³/s]
PAR_93	2.24
PAR_94	1.19
PAR_92	0.58
PAR_106	-1.50
PAR_105	0.89
PAR_79	0.00
PAR_80	0.00
PAR_81	0.00
PAR_82	0.00
PAR_83	0.00
PAR_84	0.00
PAR_85	0.00
PAR_86	0.00
PAR_87	0.00
PAR_90	0.00
PAR_89	0.00
PAR_88	0.00
PAR_91	0.00
PAR_98	0.91
PAR_97	0.85
PAR_95	-0.28
PAR_96	0.83
PAR_72	0.00
PAR_71	0.00
PAR_69	0.45
PAR_68	-0.02
PAR_67	0.00
PAR_70	0.51
PAR_66	0.00
PAR_65	0.00
PAR_63	0.00
PAR_62	0.00
PAR_64	0.00
PAR_61	0.00
PAR_60	0.00
PAR_59	0.00
PAR_58	0.00
PAR_57	0.00

Idrovora	s [m³/s]
ID001_	0.50
ID002_	0.50

PAR_56	0.00
PAR_55	0.00
PAR_99	0.00
PAR_100	-0.35
PAR_101	0.00
PAR_102	0.00
PAR_103	0.00

## LEGENDA

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