Comune di Terralba
Provincia di Oristano

STUDIO DI ASSETTO IDROGEOLOGICO PER LA PERICOLOSITA' E IL RISCHIO IDRAULICO

art. 8, comma 2, Norme di Attuazione PAI

Il Sindaco
Arch. Sandro Pili

l'Ufficio tecnico
Geom. Romano Pitzus
Ing. Claudia Cenghialta

responsabili per lo studio

Ing. Paolo Scarteddu

Ing. Fabrizio Staffa

Geol. Maurizio Costa

collaborazione

Dott. Marco Pillosu

Allegato B.3 - Risultati delle simulzioni idrauliche Profili idraulici di moto permanente

Data: Luglio 2021

COMUNE DI TERRALBA – PROVINCIA DI ORISTANO

STUDIO DI ASSETTO IDROGEOLOGICO PER LA PERICOLOSITA' E IL RISCHIO IDRAULICO

Art. 8 comma 2 delle N.T.A. del PAI

ALLEGATO B.3 – Risultati delle simulazioni idrauliche

Profili idraulici di moto permanente

Coordinamento e responsabili dello Studio

Ing. Paolo Scarteddu

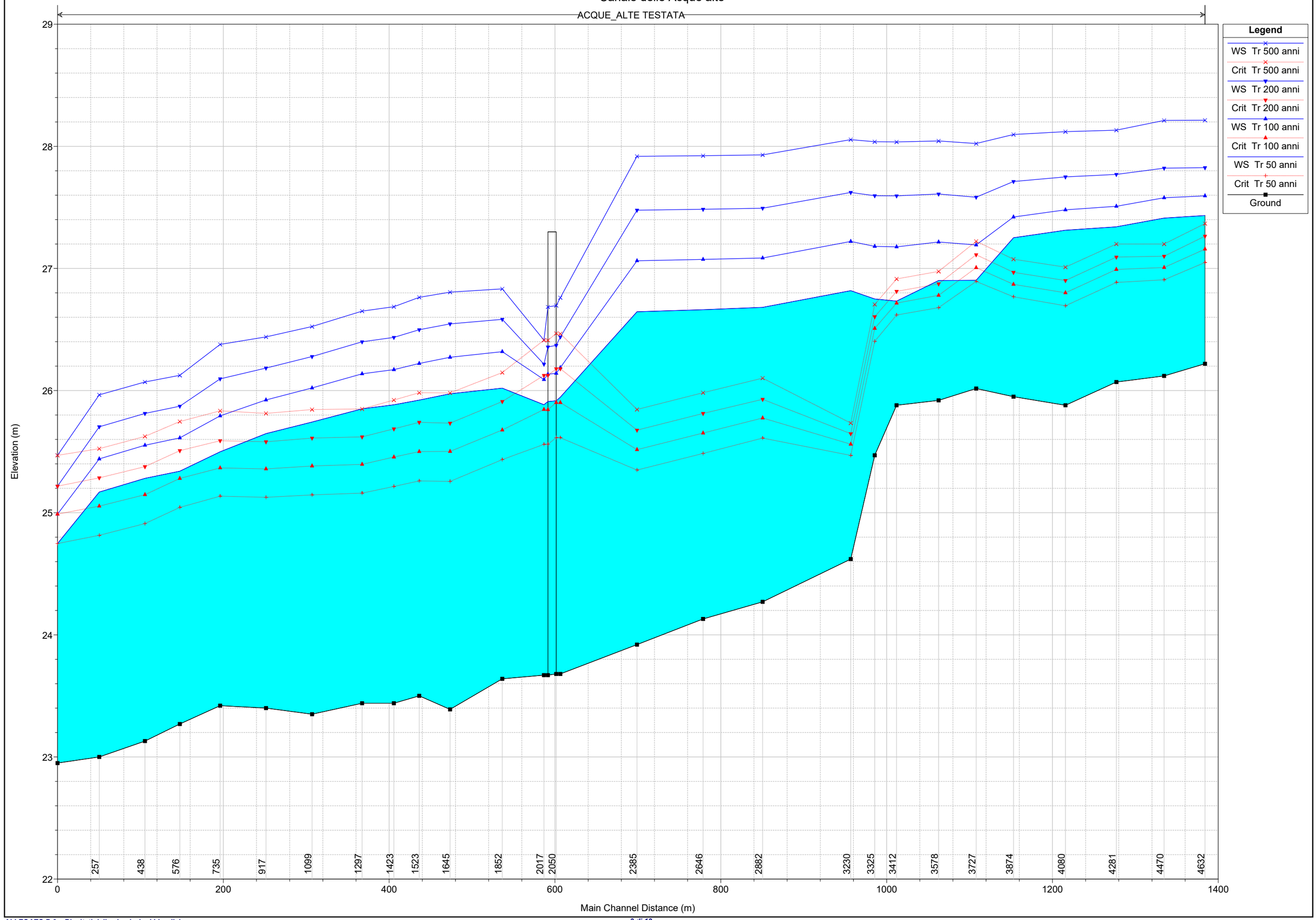
Ing. Fabrizio Staffa

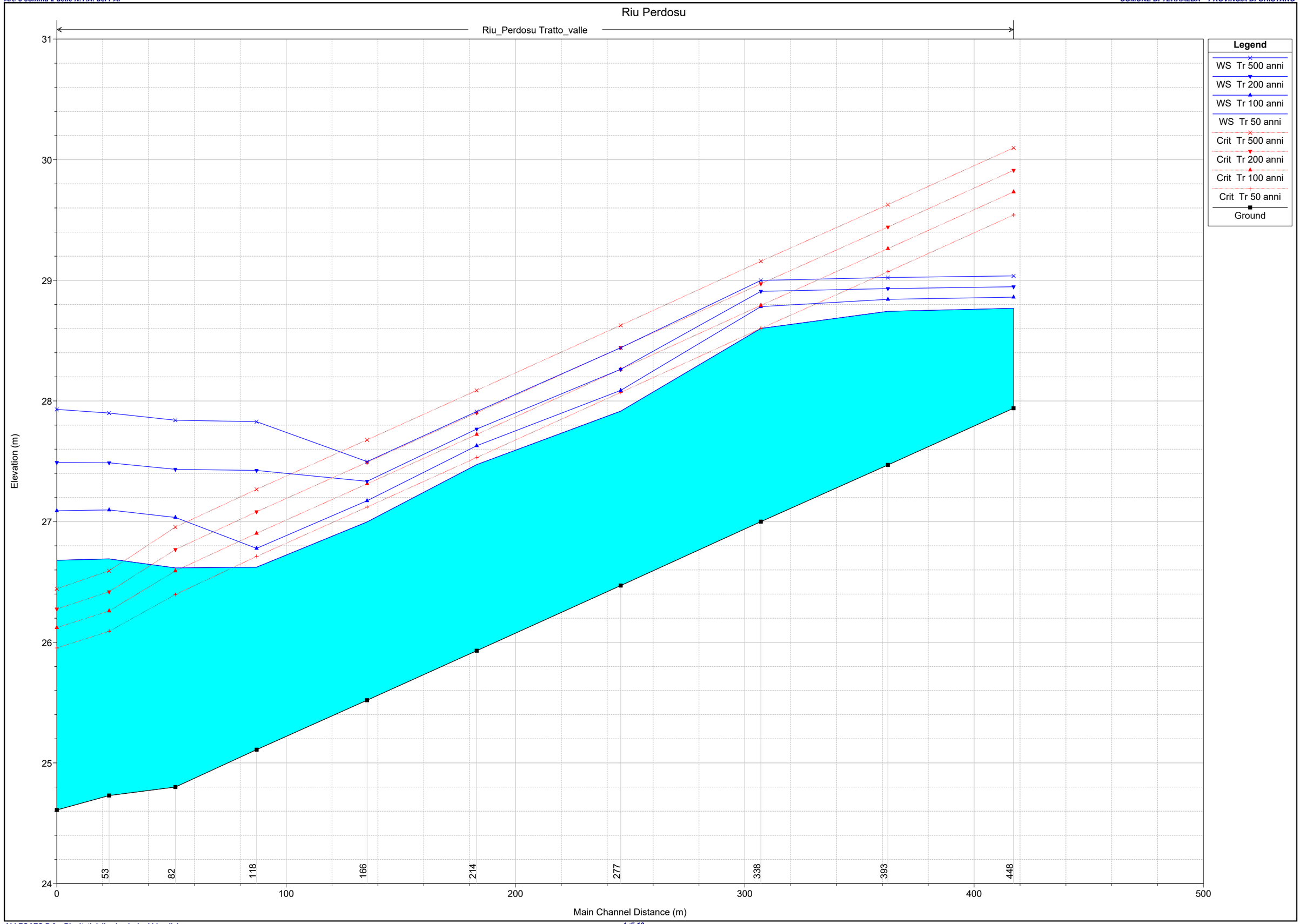
Geol. Maurizio Costa

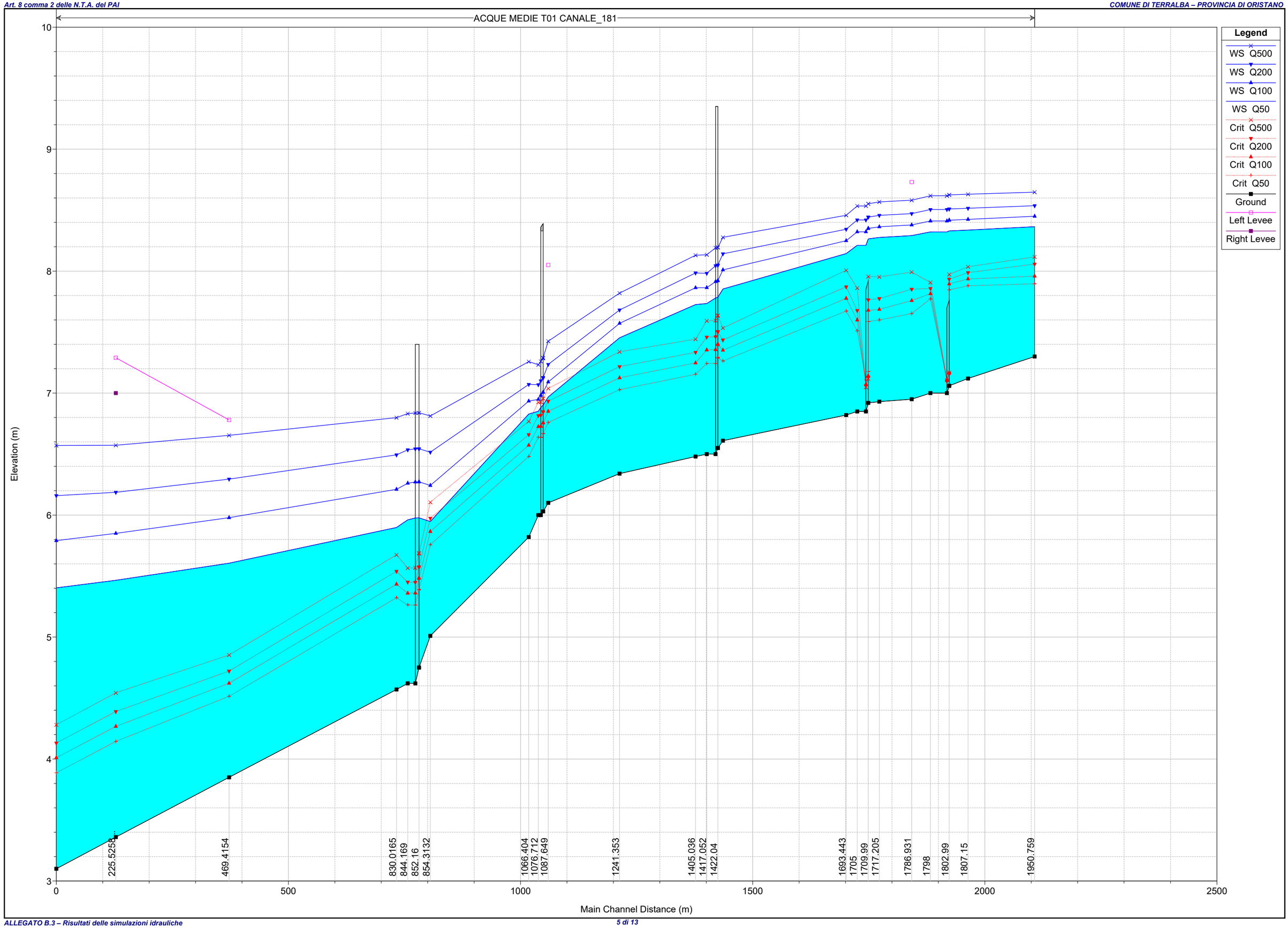
INDICE

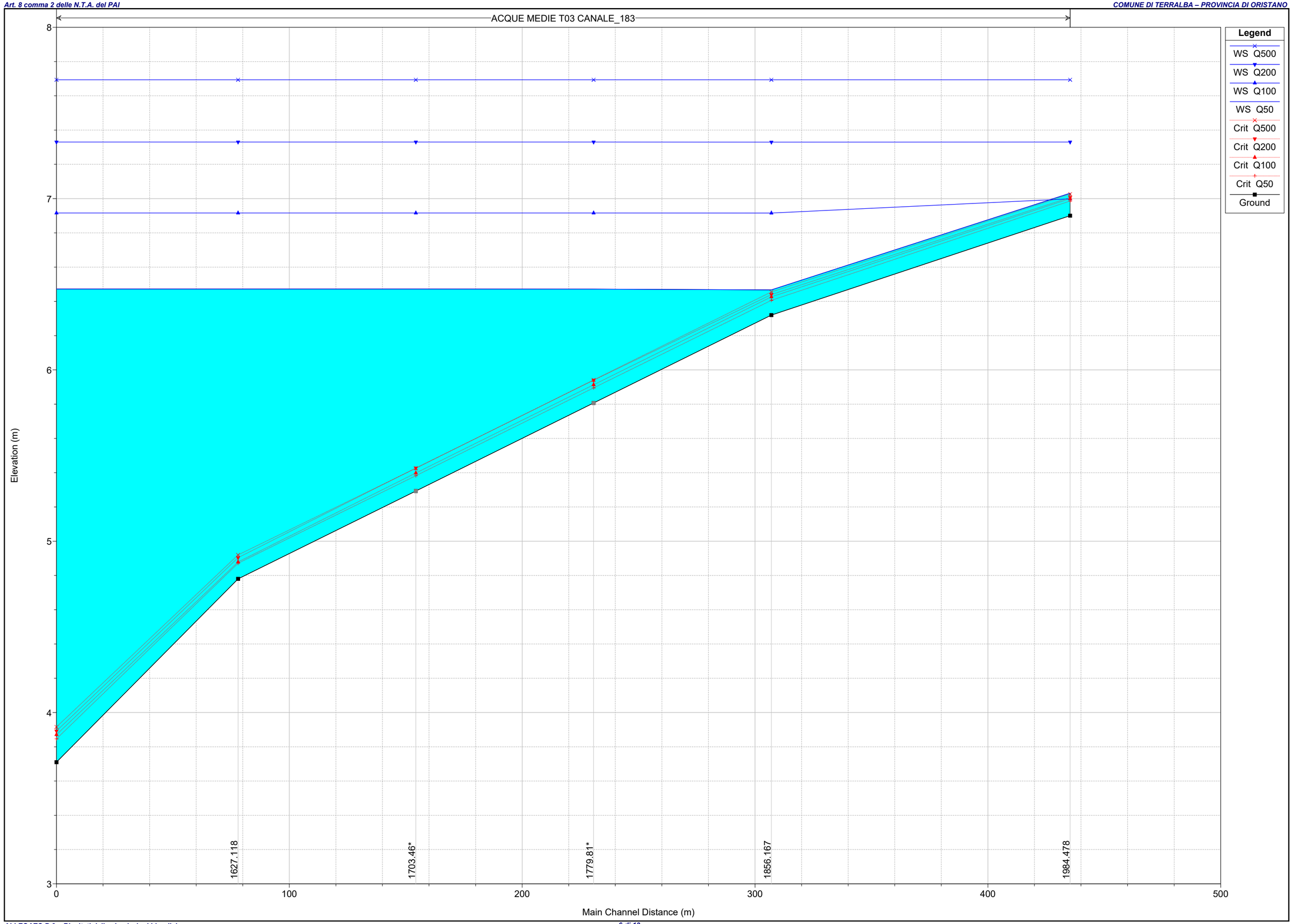
1	*CANALE DELLE ACQUE ALTE – BACINO DI TESTATA*	*3*
	1.1 RIU PERDOSU – TRATTO VALLE	*4*
2	*CANALE ACQUE MEDIE T01 – CANALE_181*	*5*
3	*CANALE ACQUE MEDIE T03 – CANALE 183 - CANALE 179*	*6*
4	*CANALE ACQUE MEDIE T04 – CANALE_180*	*8*
5	*CANALE ACQUE MEDIE T05 – CANALE_177*	*9*
6	*RIO MOGORO DIV 1 – FIUME_22294*	*10*
7	*RIO MOGORO DIV 2 – FIUME_15809*	*11*
8	*RIO MOGORO DIV 3 – FIUME_13421*	*12*
9	*RIO MOGORO DIV 4 – FIUME_31657*	*13*

Canale delle Acque alte

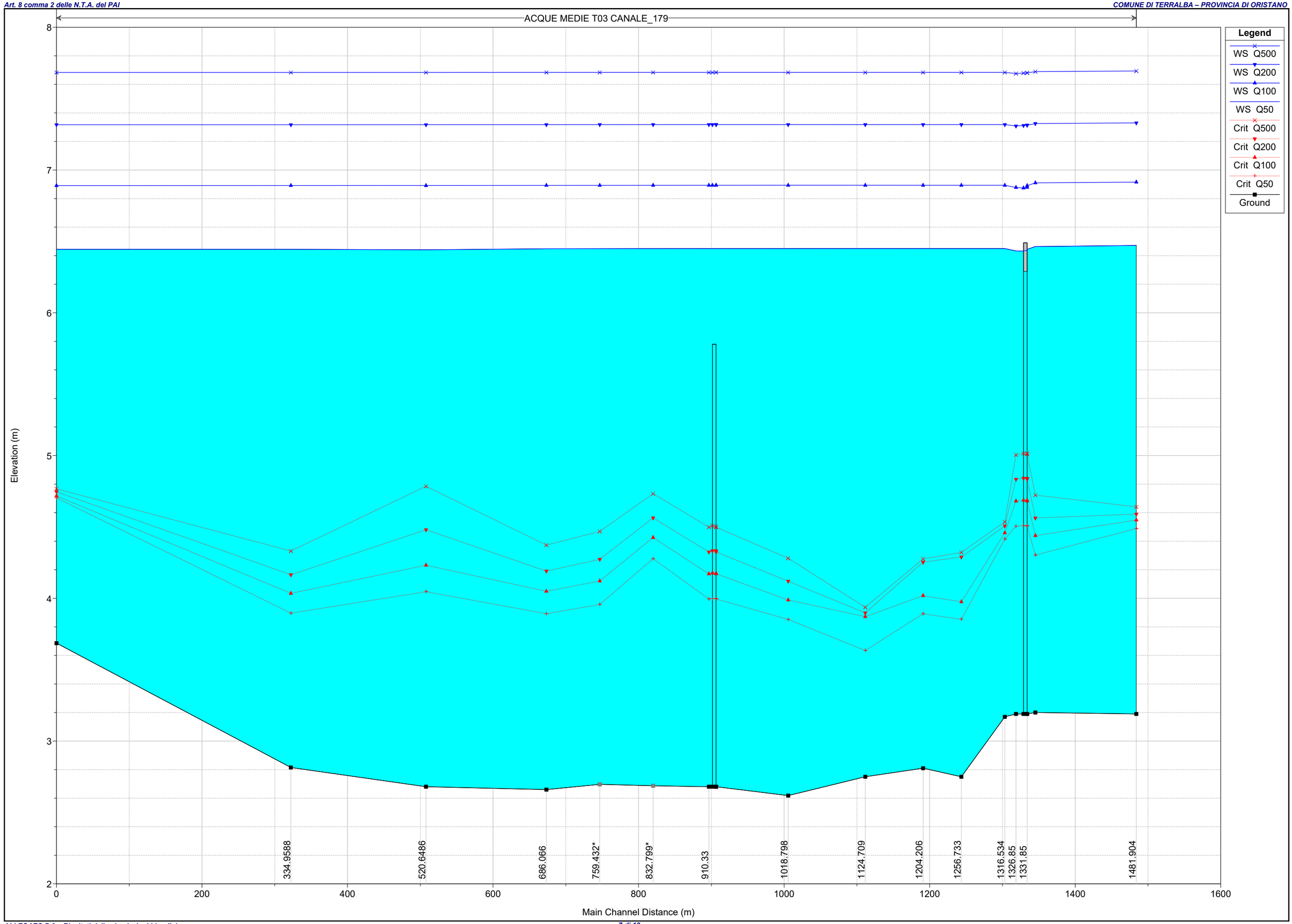


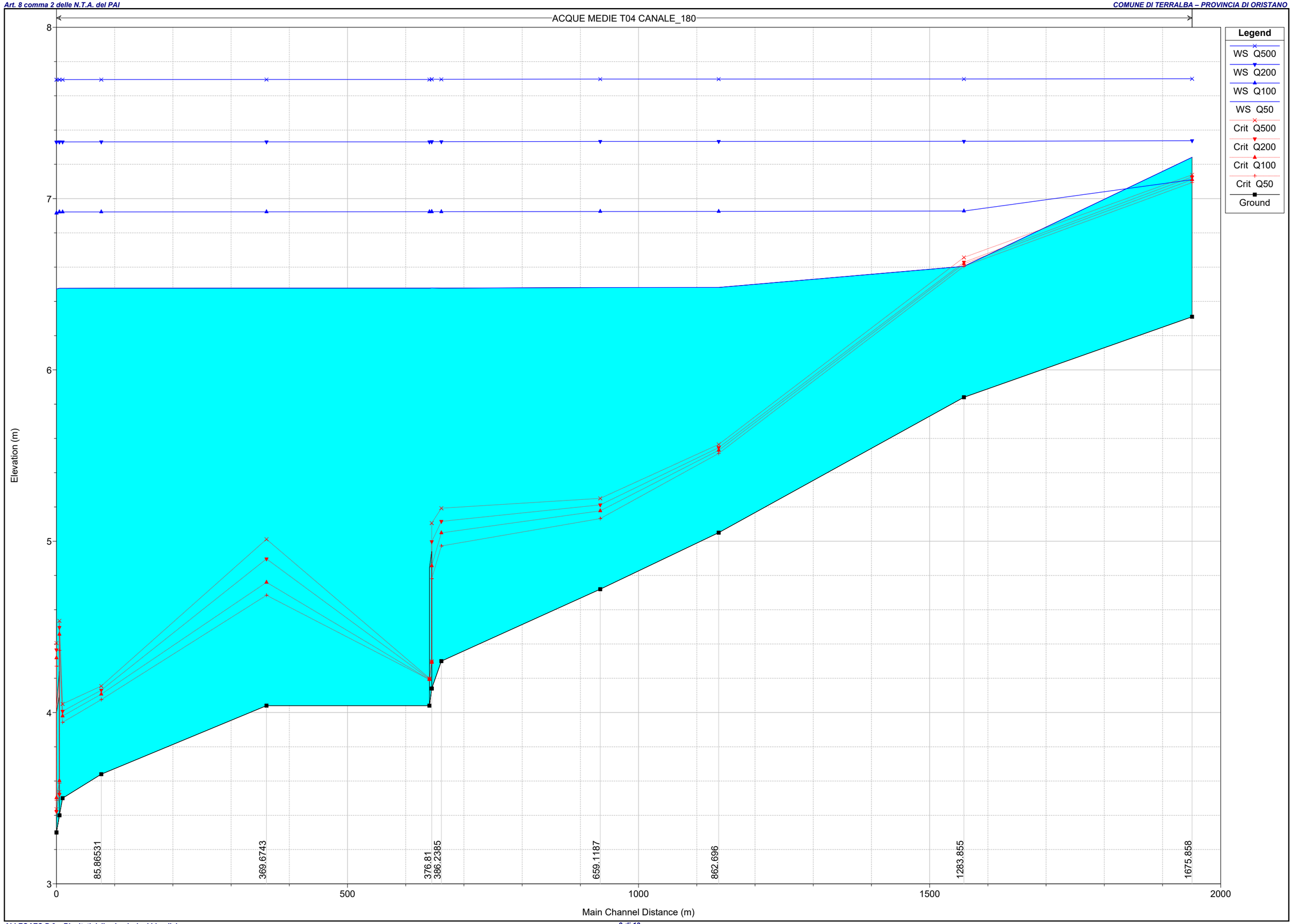

Riu Perdosu
Riu_Perdosu Tratto_valle
Legend
WS Tr 500 anni
WS Tr 200 anni
WS Tr 100 anni
WS Tr 50 anni
Crit Tr 500 anni
Crit Tr 200 anni
Crit Tr 100 anni
Crit Tr 50 anni
Ground
Elevation (m)
31
30
29
28
27
26
25
24
0
100
200
300
400
500
Main Channel Distance (m)
53
82
118
166
214
277
338
393
448

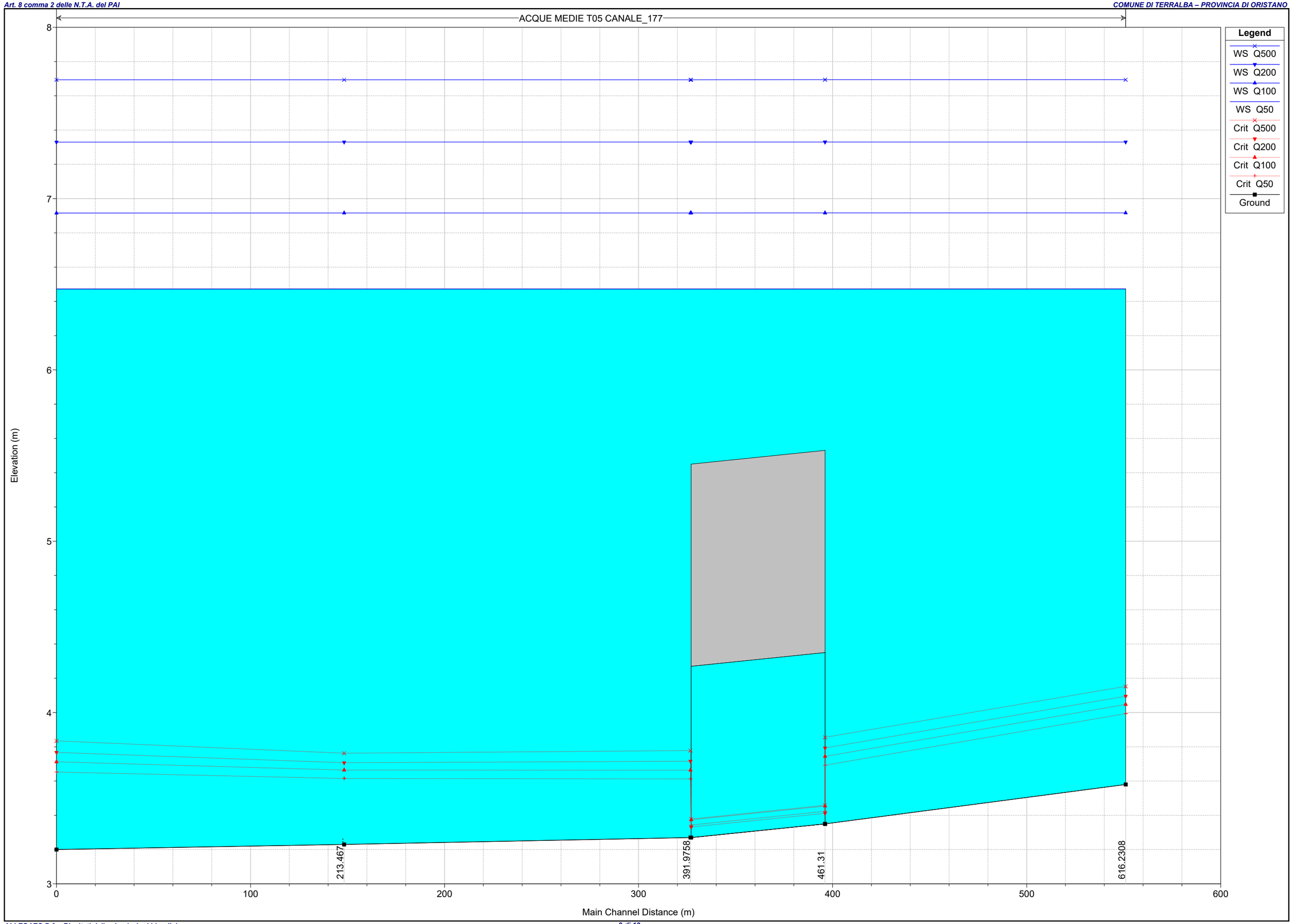

ACQUE MEDIE T01 CANALE_181
Legend
WS Q500
WS Q200
WS Q100
WS Q50
Crit Q500
Crit Q200
Crit Q100
Crit Q50
Ground
Left Levee
Right Levee
Elevation (m)
Main Channel Distance (m)
10
9
8
7
6
5
4
3
0
500
1000
1500
2000
2500
225.5258
469.4154
830.0165
844.169
852.16
854.3132
1066.404
1076.712
1087.649
1241.353
1405.036
1417.052
1422.04
1693.443
1705
1709.99
1717.205
1786.931
1798
1802.99
1807.15
1950.759

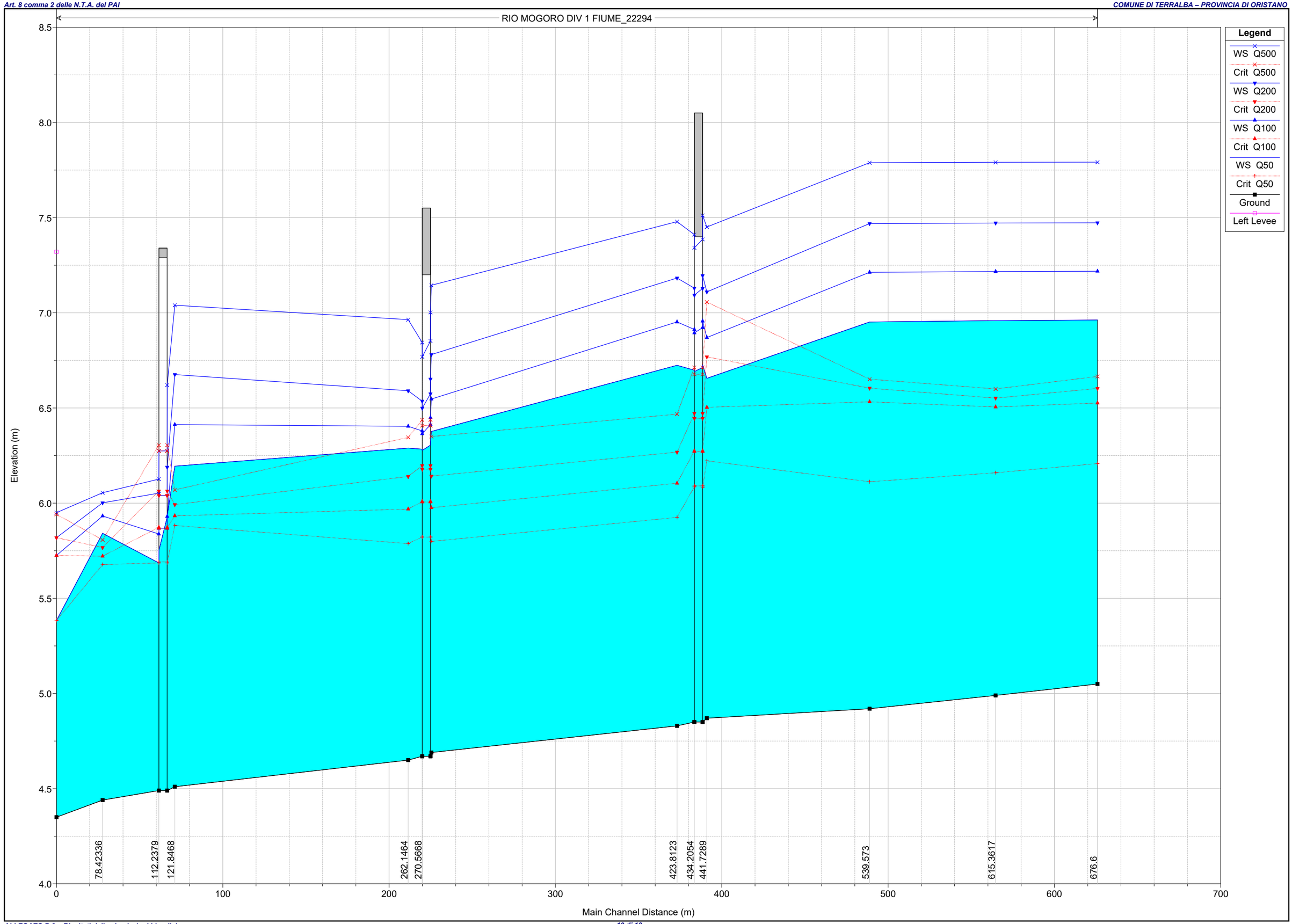

ACQUE MEDIE T03 CANALE_183
Legend
WS Q500
WS Q200
WS Q100
WS Q50
Crit Q500
Crit Q200
Crit Q100
Crit Q50
Ground
Elevation (m)
8
7
6
5
4
3
0
100
200
300
400
500
Main Channel Distance (m)
1627.118
1703.46*
1779.81*
1856.167
1984.478

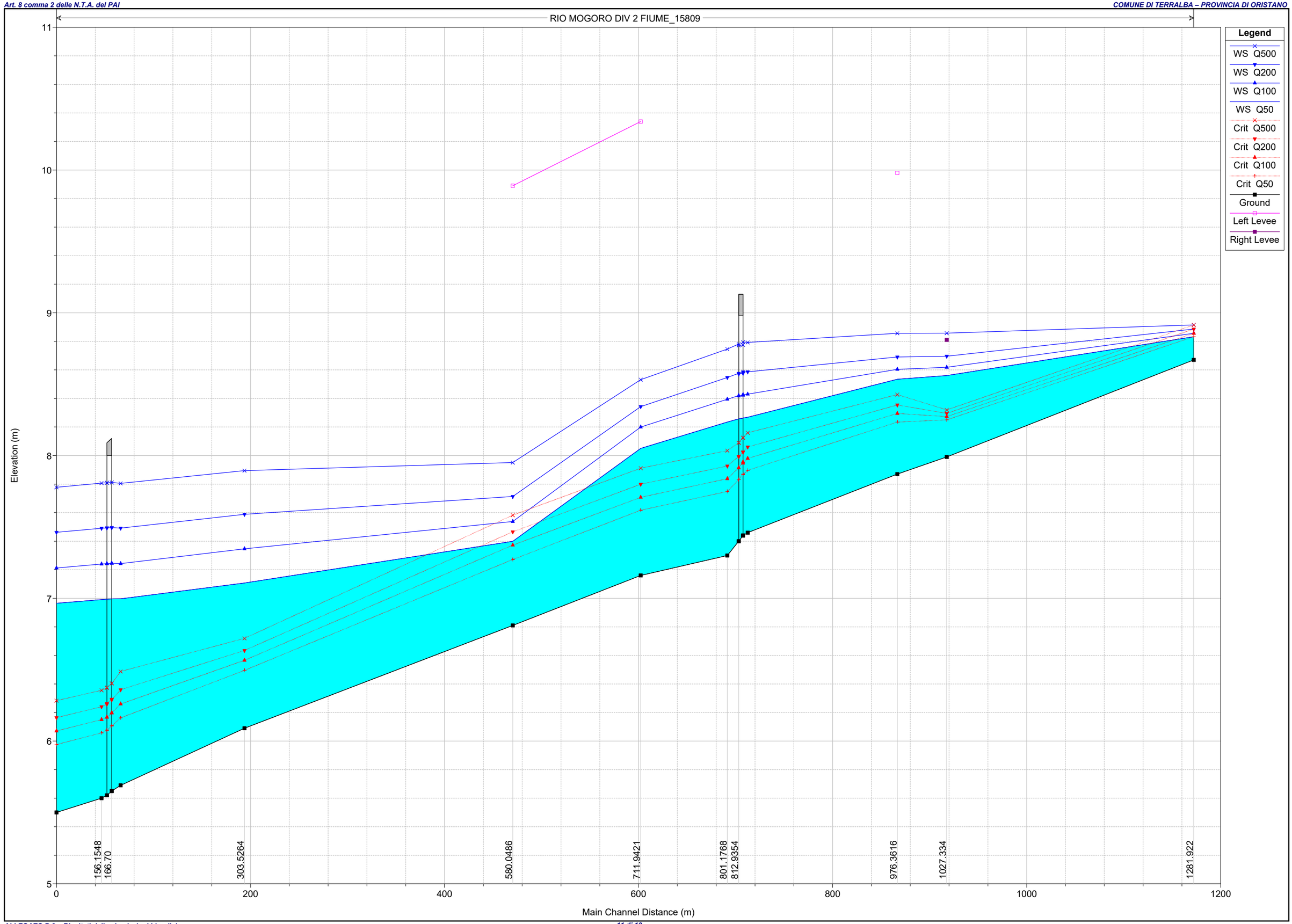
ACQUE MEDIE T03 CANALE_179

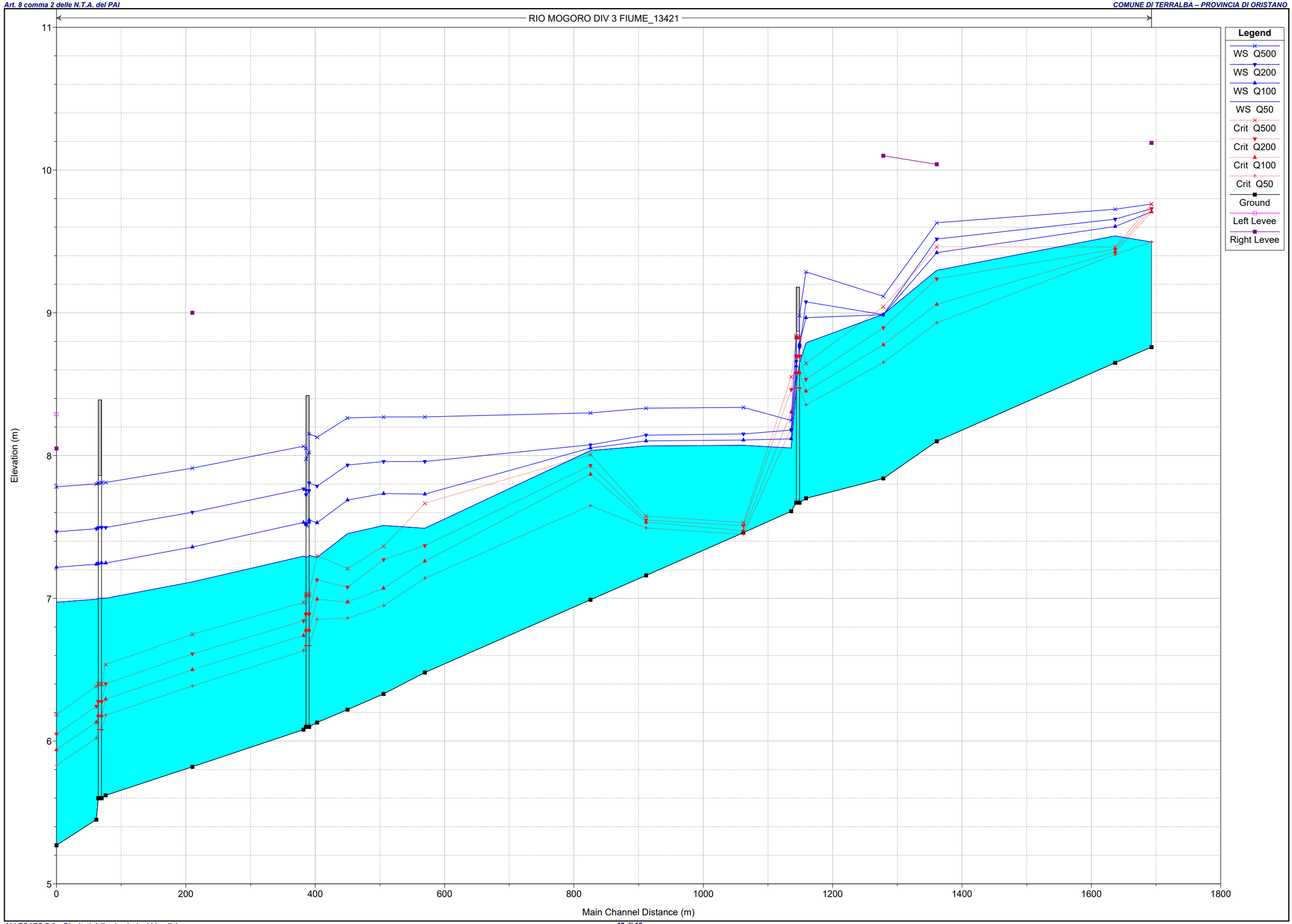


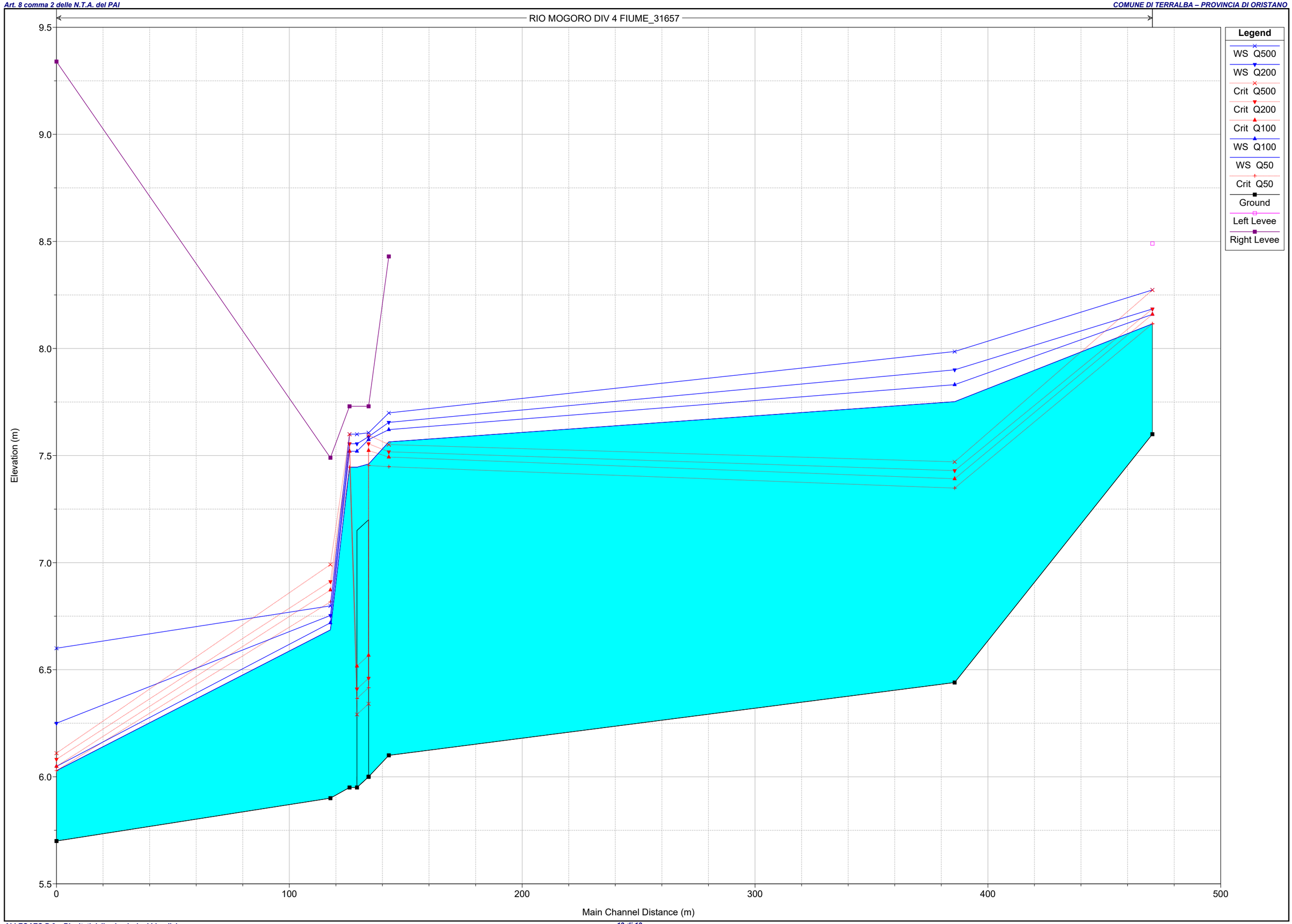

ACQUE MEDIE T04 CANALE_180
Legend
WS Q500
WS Q200
WS Q100
WS Q50
Crit Q500
Crit Q200
Crit Q100
Crit Q50
Ground
Elevation (m)
Main Channel Distance (m)
8
7
6
5
4
3
0
500
1000
1500
2000
85.86531
369.6743
376.81
386.2385
659.1187
862.696
1283.855
1675.858


ACQUE MEDIE T05 CANALE_177
Legend
WS Q500
WS Q200
WS Q100
WS Q50
Crit Q500
Crit Q200
Crit Q100
Crit Q50
Ground
Elevation (m)
8
7
6
5
4
3
0
100
200
300
400
500
600
213.467
391.9758
461.31
616.2308
Main Channel Distance (m)


RIO MOGORO DIV 1 FIUME_22294
Legend
WS Q500
Crit Q500
WS Q200
Crit Q200
WS Q100
Crit Q100
WS Q50
Crit Q50
Ground
Left Levee
Elevation (m)
Main Channel Distance (m)
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
0
100
200
300
400
500
600
700
78.42336
112.2379
121.8468
262.1464
270.5668
423.8123
434.2054
441.7289
539.573
615.3617
676.6


RIO MOGORO DIV 2 FIUME_15809
Legend
WS Q500
WS Q200
WS Q100
WS Q50
Crit Q500
Crit Q200
Crit Q100
Crit Q50
Ground
Left Levee
Right Levee
Elevation (m)
Main Channel Distance (m)
11
10
9
8
7
6
5
0
200
400
600
800
1000
1200
156.1548
166.70
303.5264
580.0486
711.9421
801.1768
812.9354
976.3616
1027.334
1281.922


RIO MOGORO DIV 3 FIUME_13421
Legend
WS Q500
WS Q200
WS Q100
WS Q50
Crit Q500
Crit Q200
Crit Q100
Crit Q50
Ground
Left Levee
Right Levee
Elevation (m)
Main Channel Distance (m)
11
10
9
8
7
6
5
0
200
400
600
800
1000
1200
1400
1600
1800


RIO MOGORO DIV 4 FIUME_31657
Legend
WS Q500
WS Q200
Crit Q500
Crit Q200
Crit Q100
WS Q100
WS Q50
Crit Q50
Ground
Left Levee
Right Levee
Elevation (m)
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
0
100
200
300
400
500
Main Channel Distance (m)