REGIONE LOMBARDIA

Provincia di Brescia

COMUNE DI CIVIDATE CAMUNO | COMUNE DI ESINE | COMUNE DI PIANCOGNO

REALIZZAZIONE ARGINE LUNGO IL FIUME OGLIO A PROTEZIONE DELLE AREE ABITATE E INDUSTRIALI IN COMUNE DI CIVIDATE CAMUNO, ESINE E PIANCOGNO

PROGETTO ESECUTIVO

A T I

STUDIO DI INGEGNERIA E DI ARCHITETTURA

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STUDIO DI INGEGNERIA

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REDAZIONE	B. Del Simone
VERIFICA	D. Del Simone
APPROVAZIONE	B. Del Simone

ELABORATO

SEZIONI TRASVERSALI IDRAULICHE CON PORTATA Q200: STATO DI PROGETTO

ARGOMENTO	DOCUMENTO	REV.	FASE
OI	B.03.70	3	3

DATA: Agosto 2015

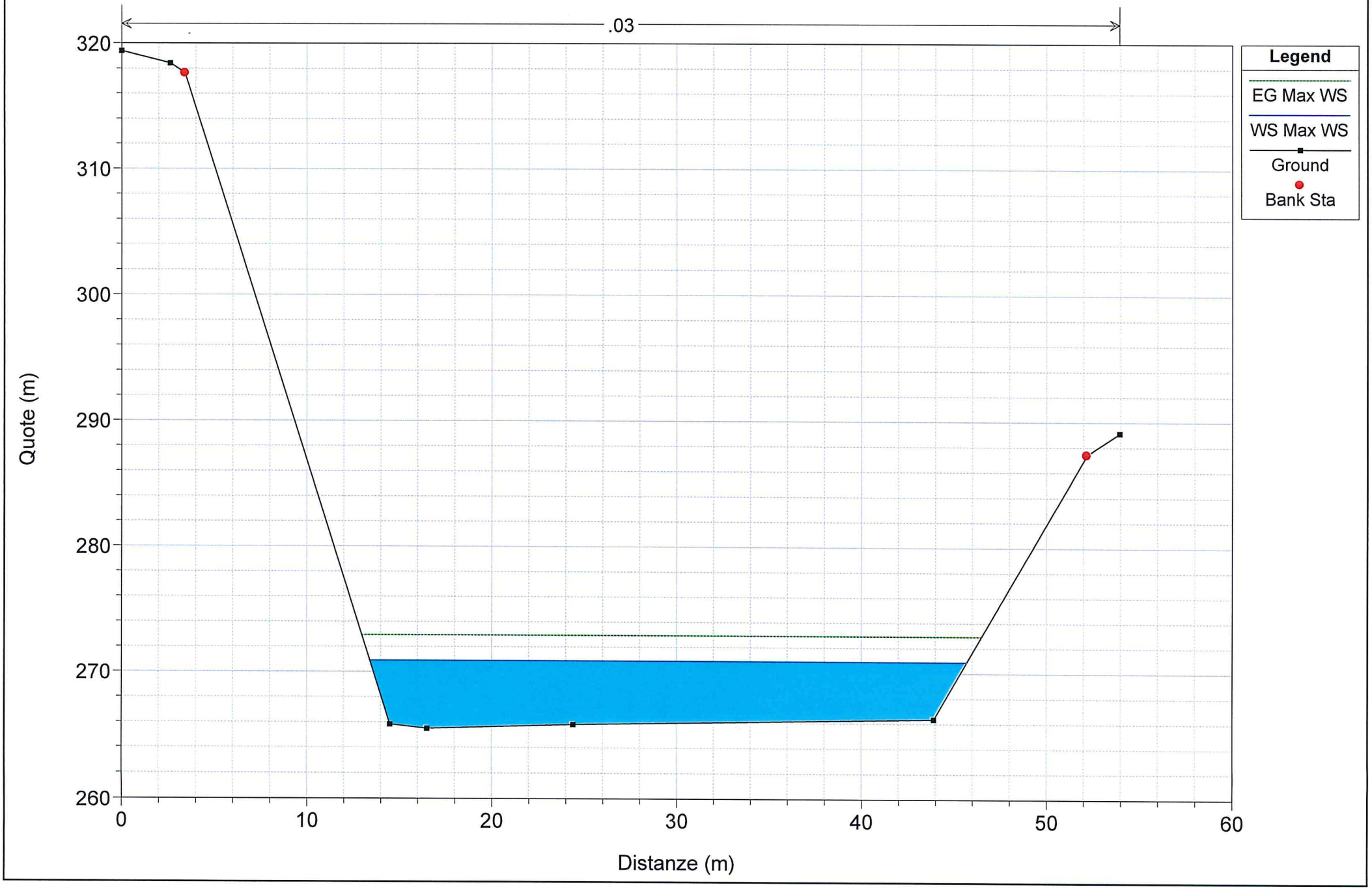
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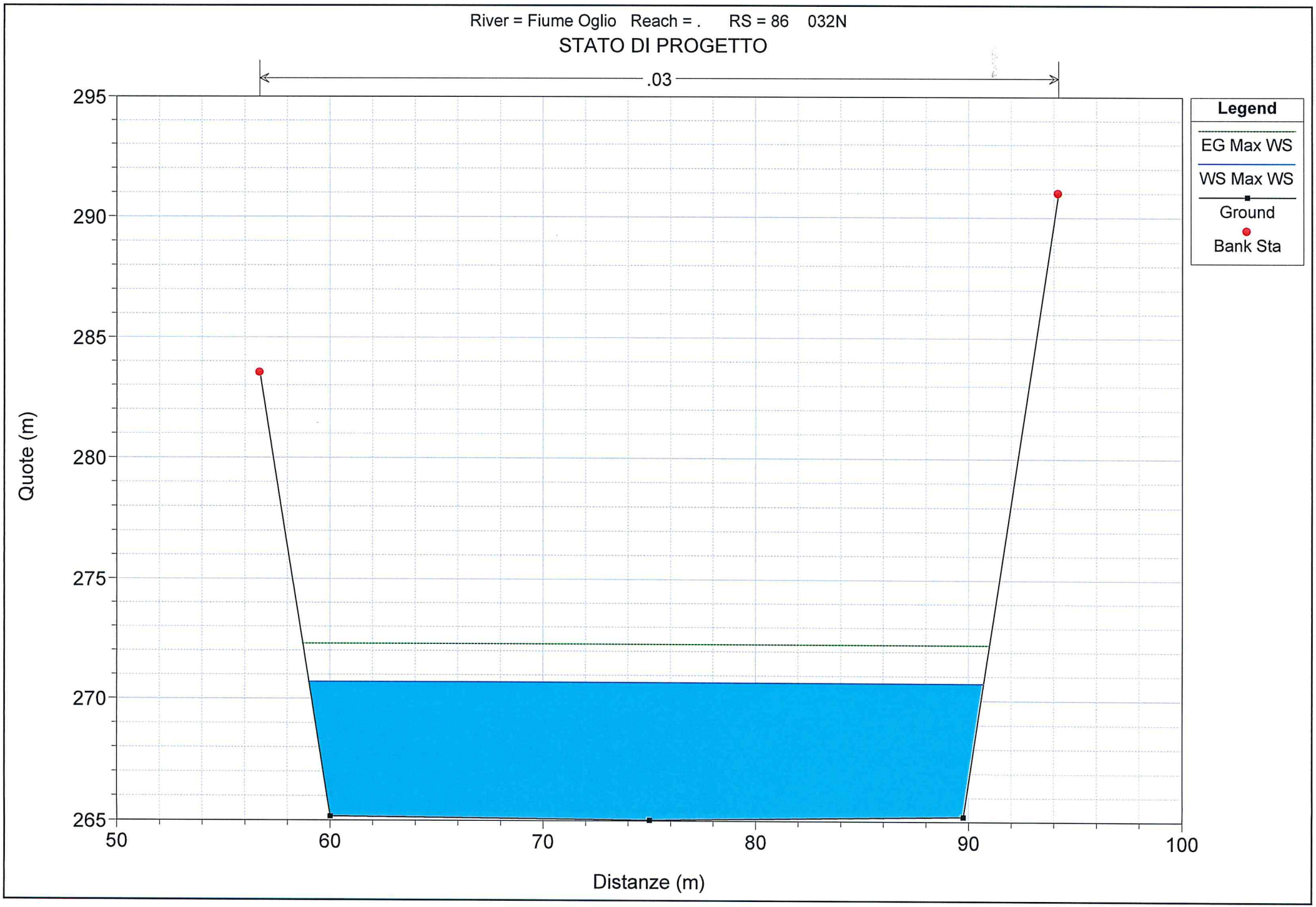
REVISIONI	N°	DESCRIZIONE	DATA
	0	EMESSO PER PROGETTO PRELIMINARE	Febbraio 2015
	1	EMESSO PER VALUTAZIONI PRELIMINARI	Marzo 2015
	2	EMESSO PER PROGETTO DEFINITIVO	Maggio 2015
	3	EMESSO PER PROGETTO ESECUTIVO	Agosto 2015

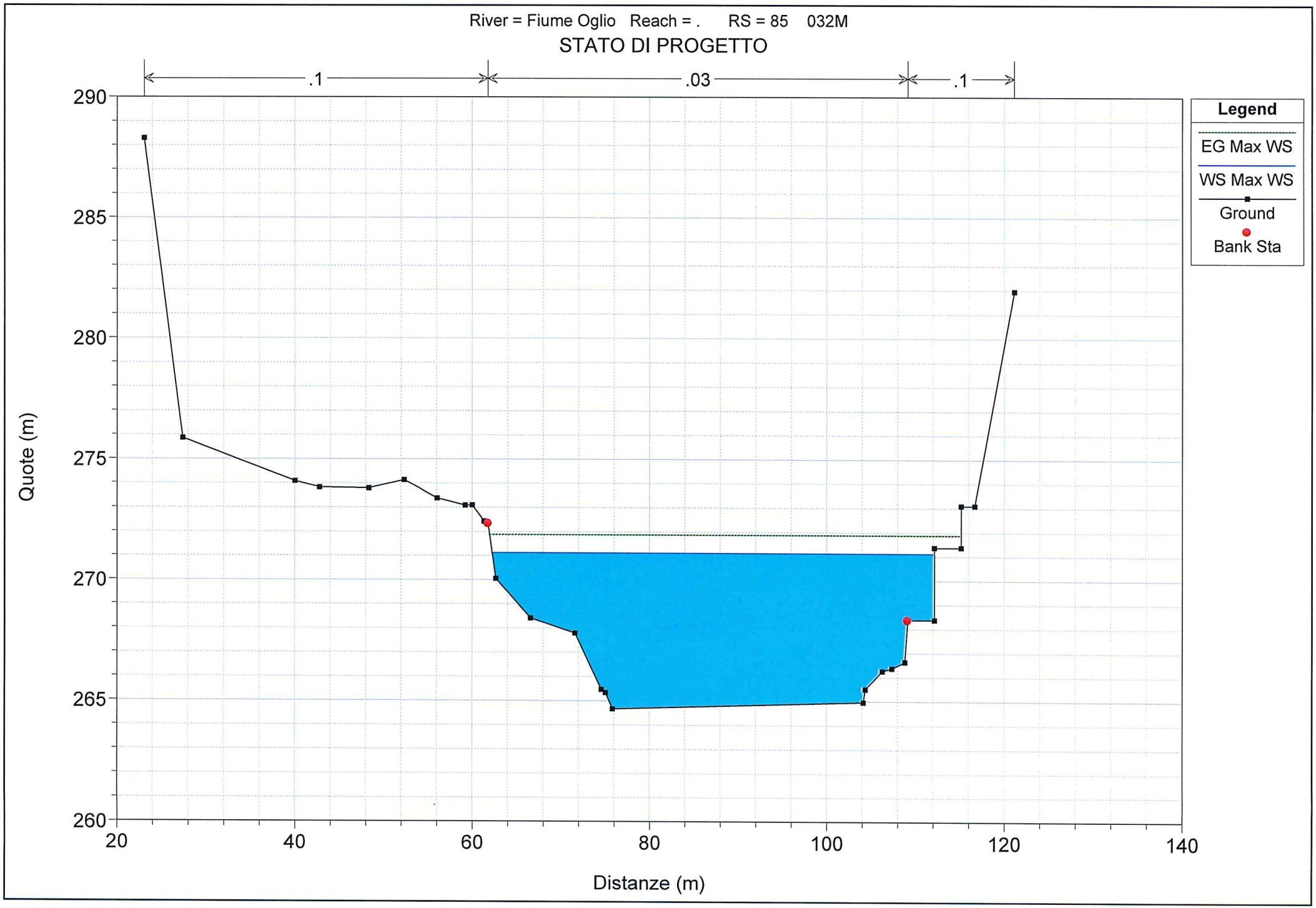
E' VIETATA LA RIPRODUZIONE AI SENSI DELLA LEGGE N.633 DEL 22.04.1941 E SUCCESSIVE MODIFICAZIONI

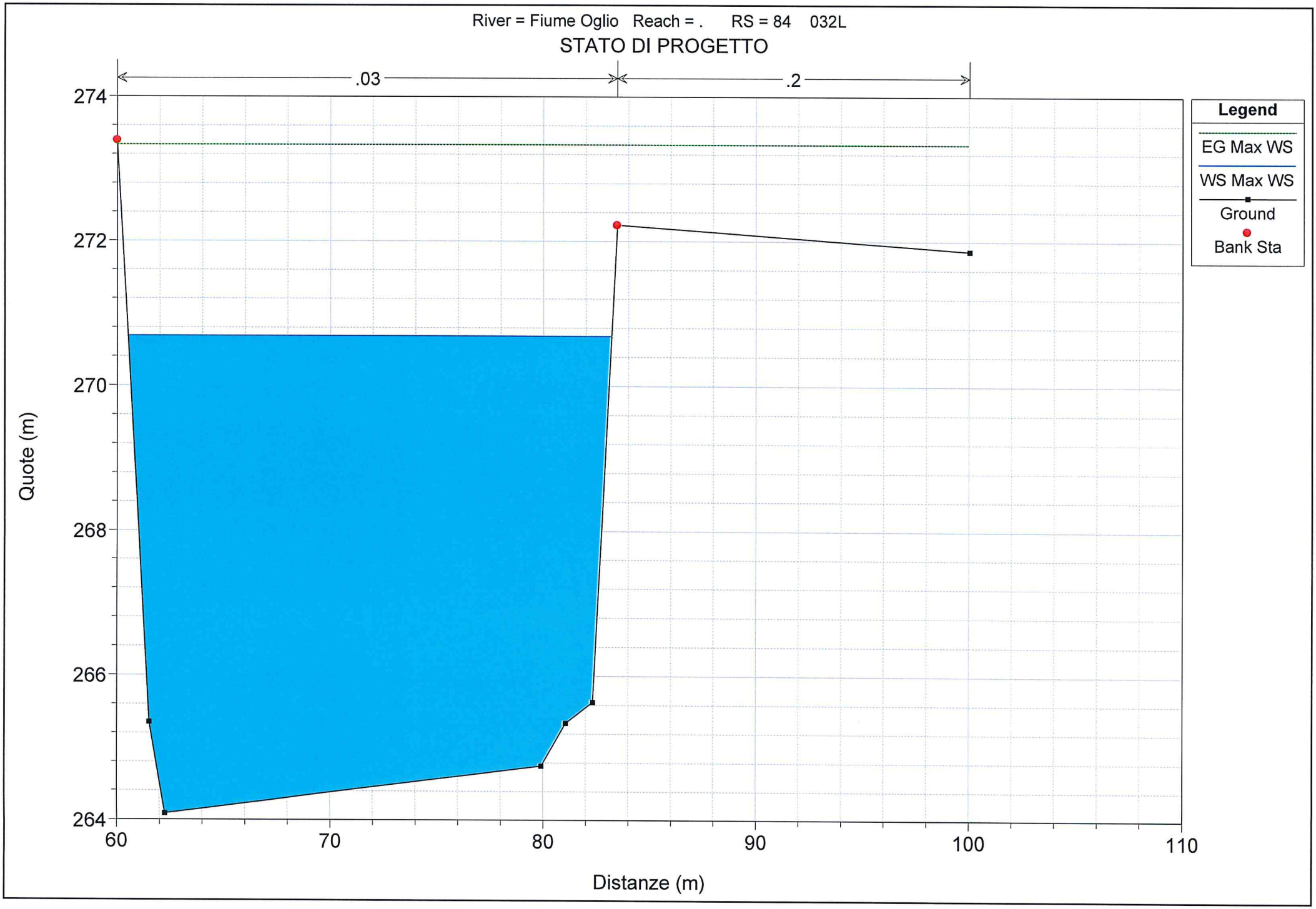
River = Fiume Oglio Reach = . RS = 87 033

STATO DI PROGETTO



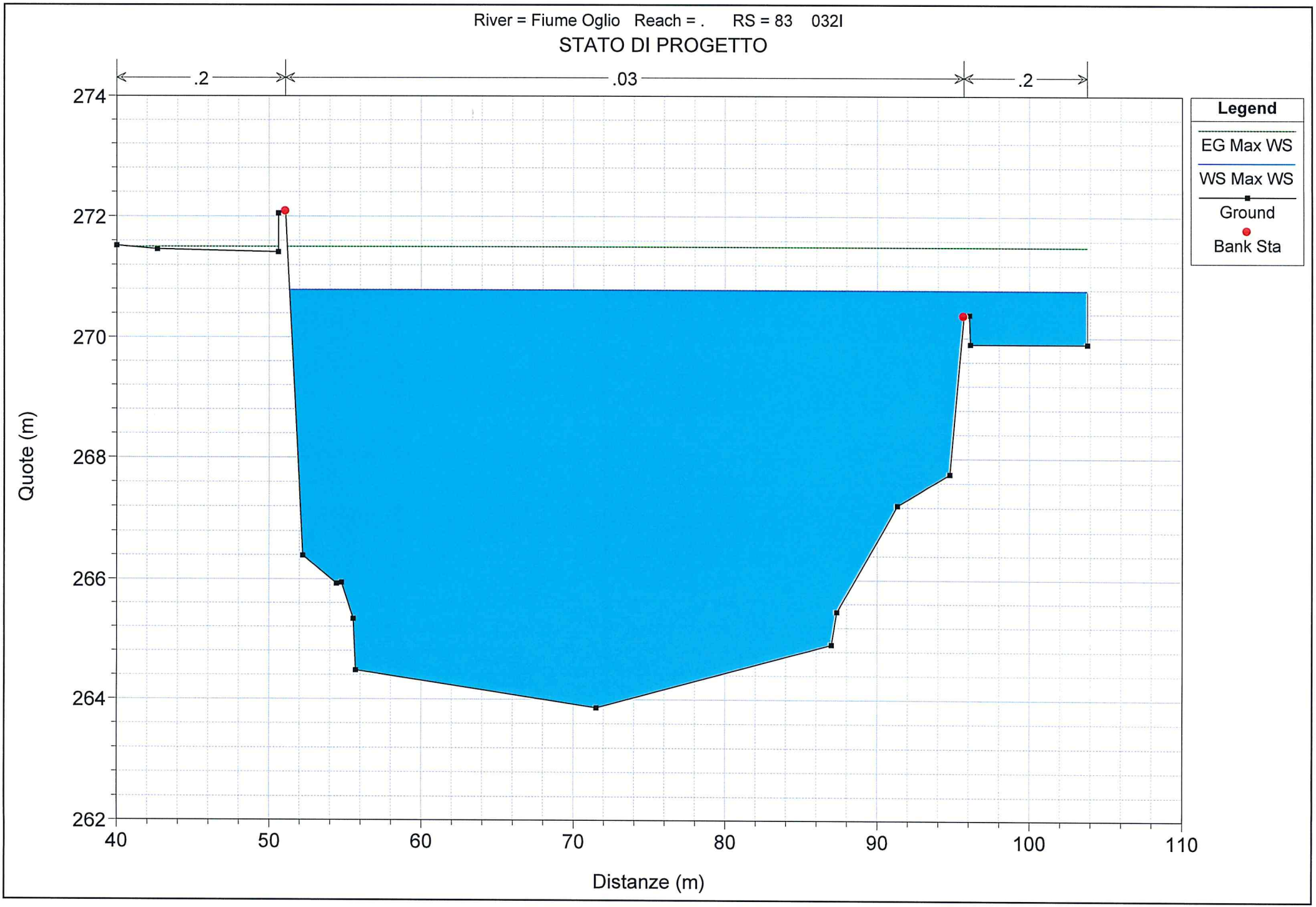

River = Fiume Oglio Reach = . RS = 86 032N
STATO DI PROGETTO
.03
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
295
290
285
280
275
270
265
50
60
70
80
90
100
Distanze (m)


River = Fiume Oglio Reach = . RS = 85 032M
STATO DI PROGETTO
.1
.03
.1
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
290
285
280
275
270
265
260
Quote (m)
20
40
60
80
100
120
140
Distanze (m)


River = Fiume Oglio Reach = . RS = 84 032L
STATO DI PROGETTO
.03
.2
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
274
272
270
268
266
264
60
70
80
90
100
110
Distanze (m)

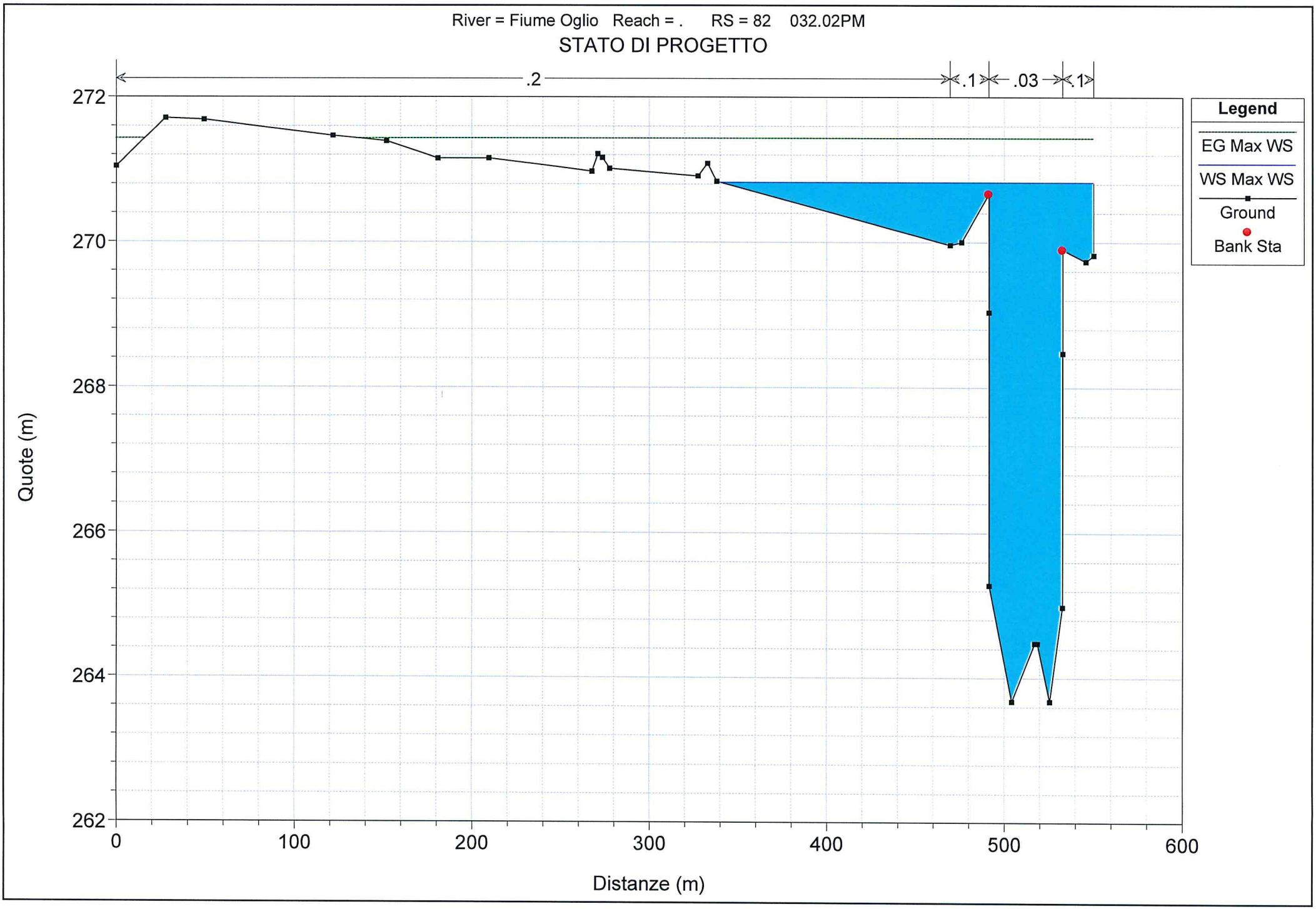
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STATO DI PROGETTO



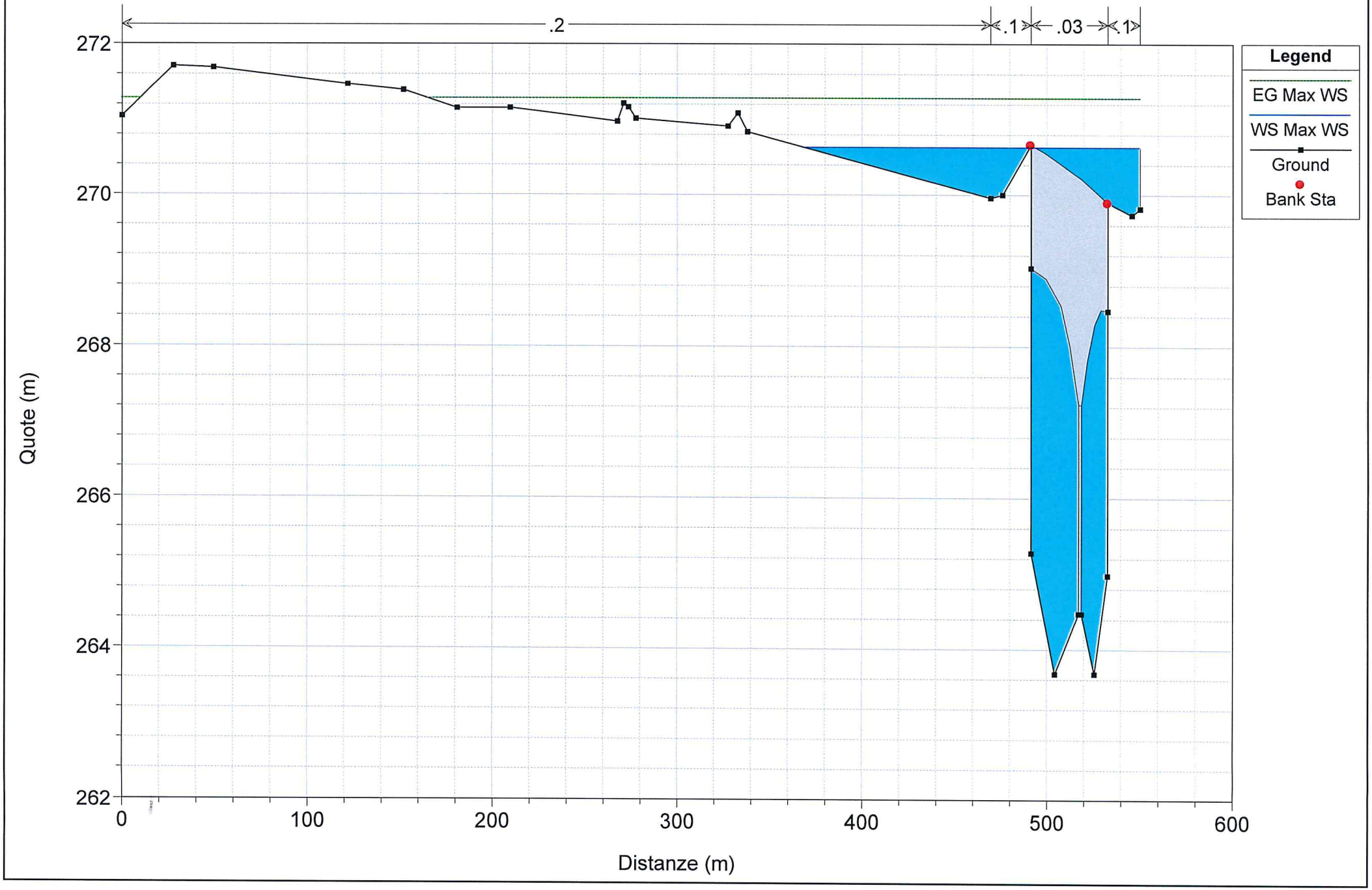
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STATO DI PROGETTO



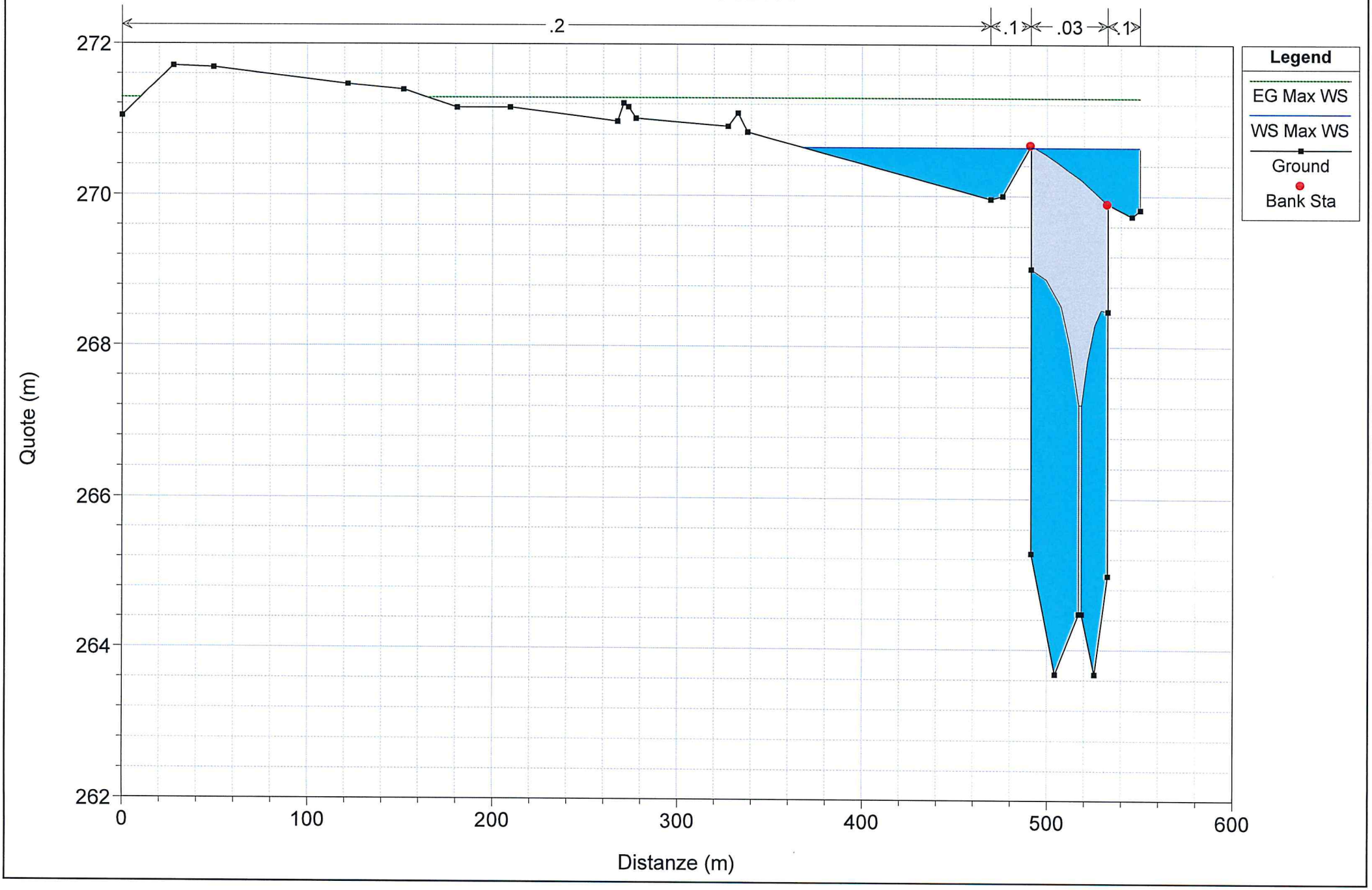
River = Fiume Oglio Reach = . RS = 81.5 BR

STATO DI PROGETTO



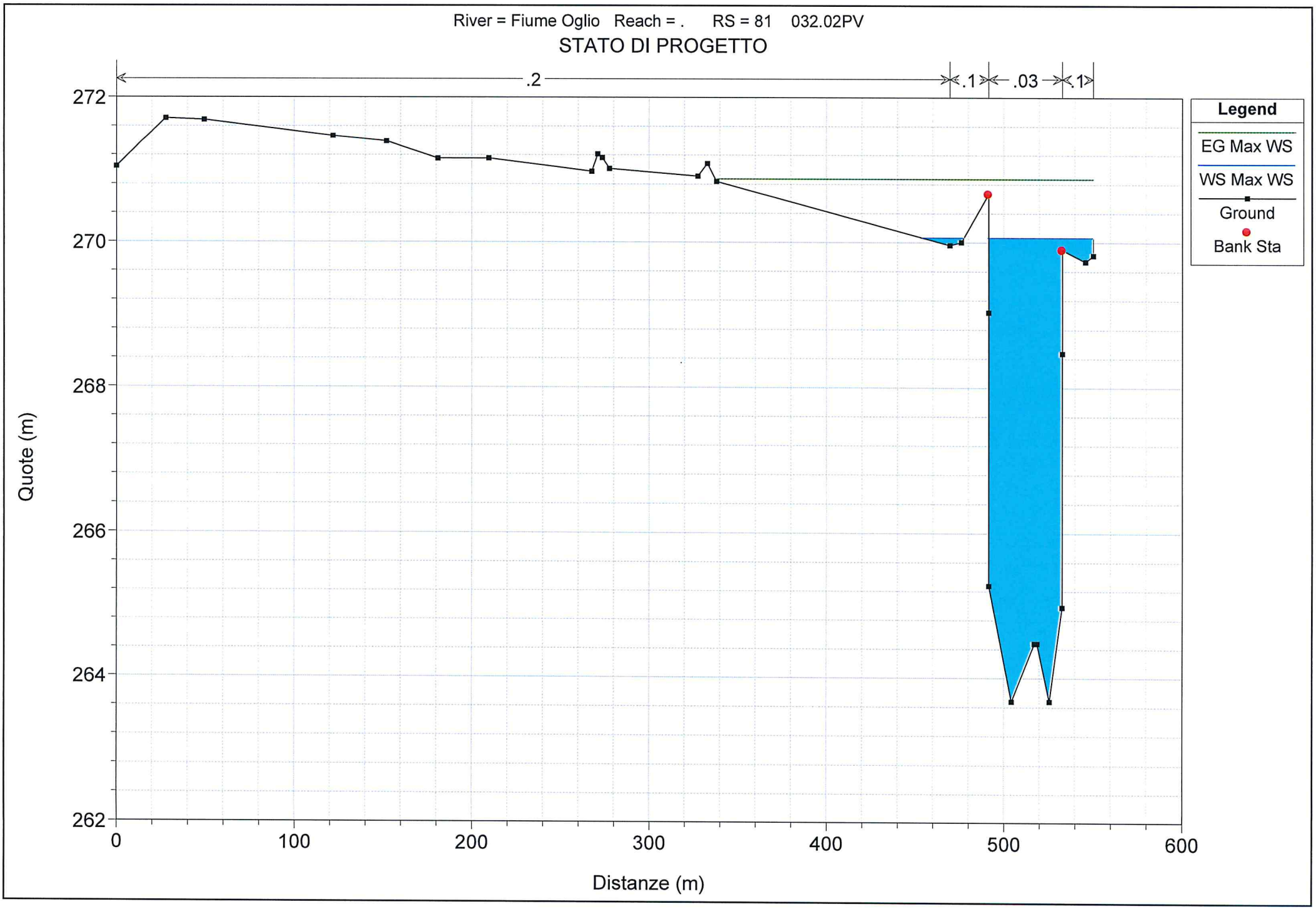
River = Fiume Oglio Reach = . RS = 81.5 BR

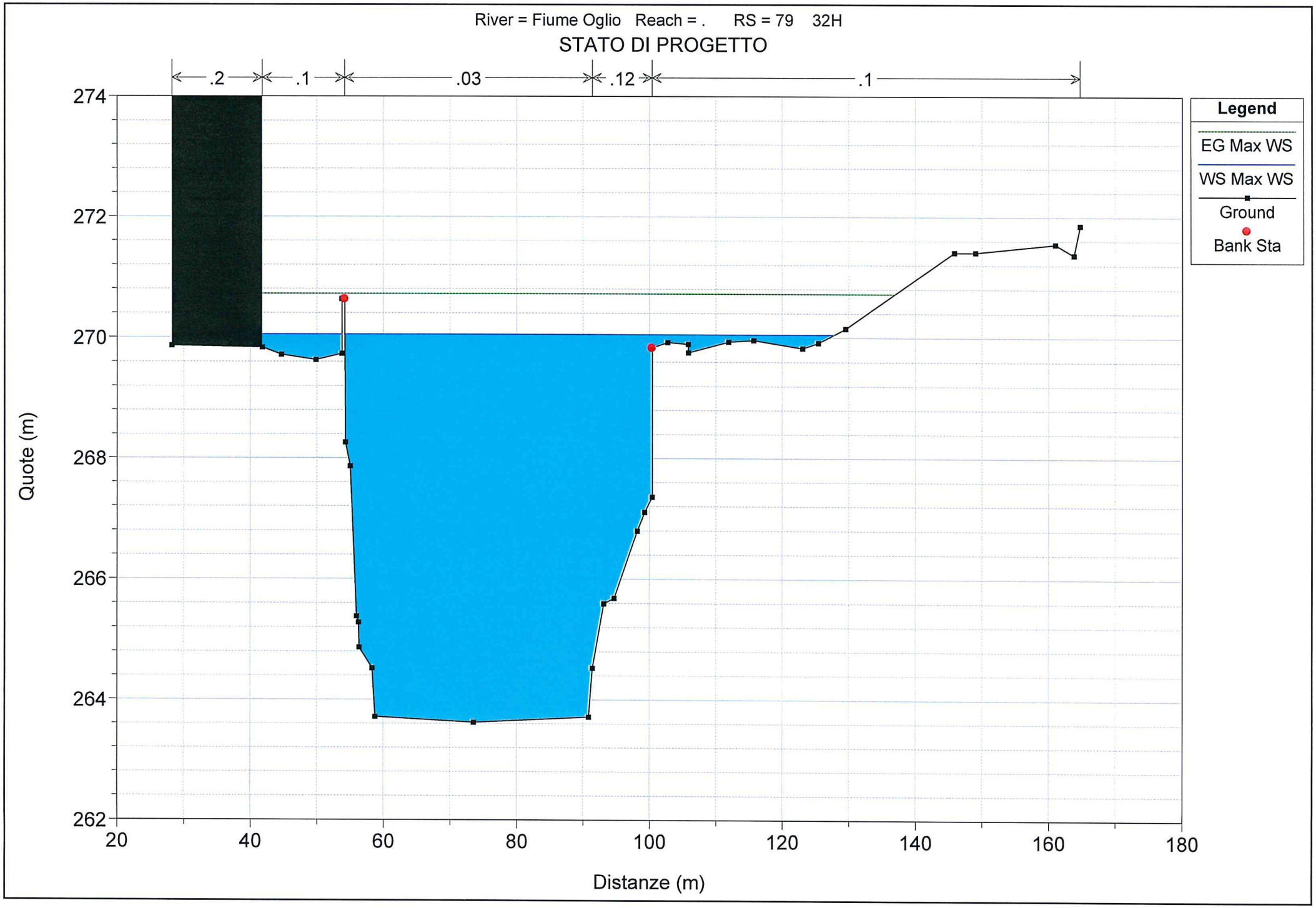
STATO DI PROGETTO

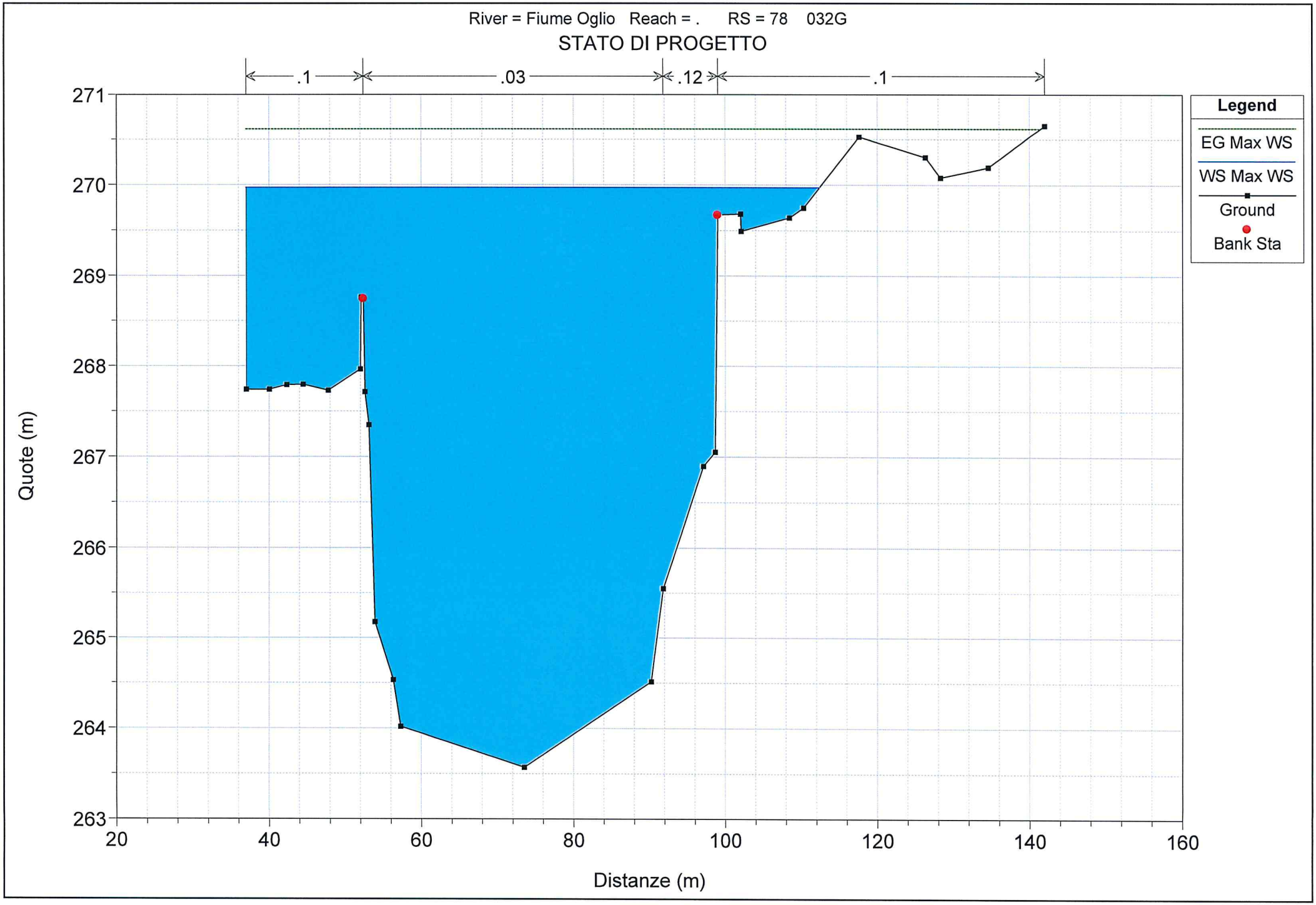


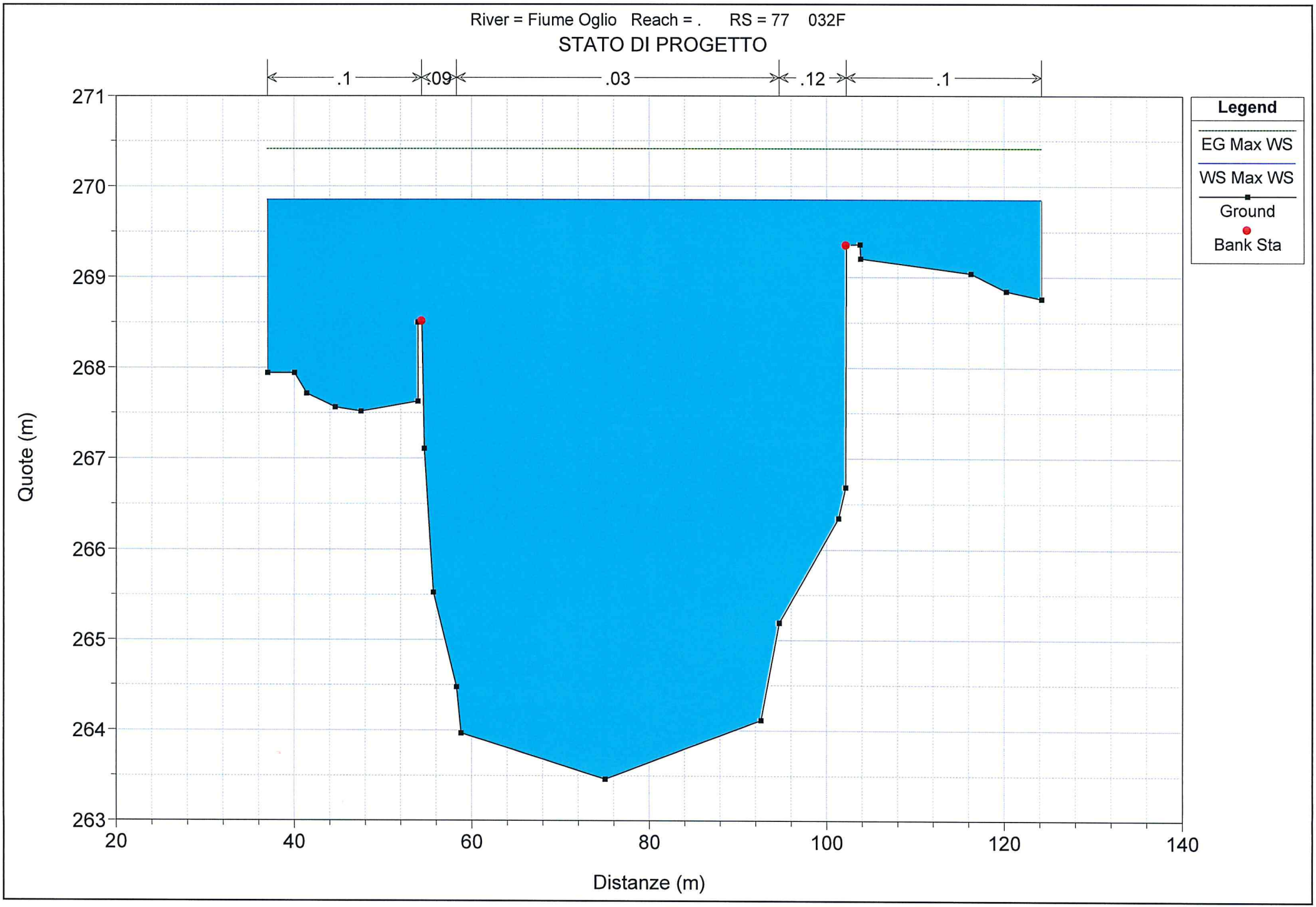
River = Fiume Oglio Reach = . RS = 81 032.02PV

STATO DI PROGETTO



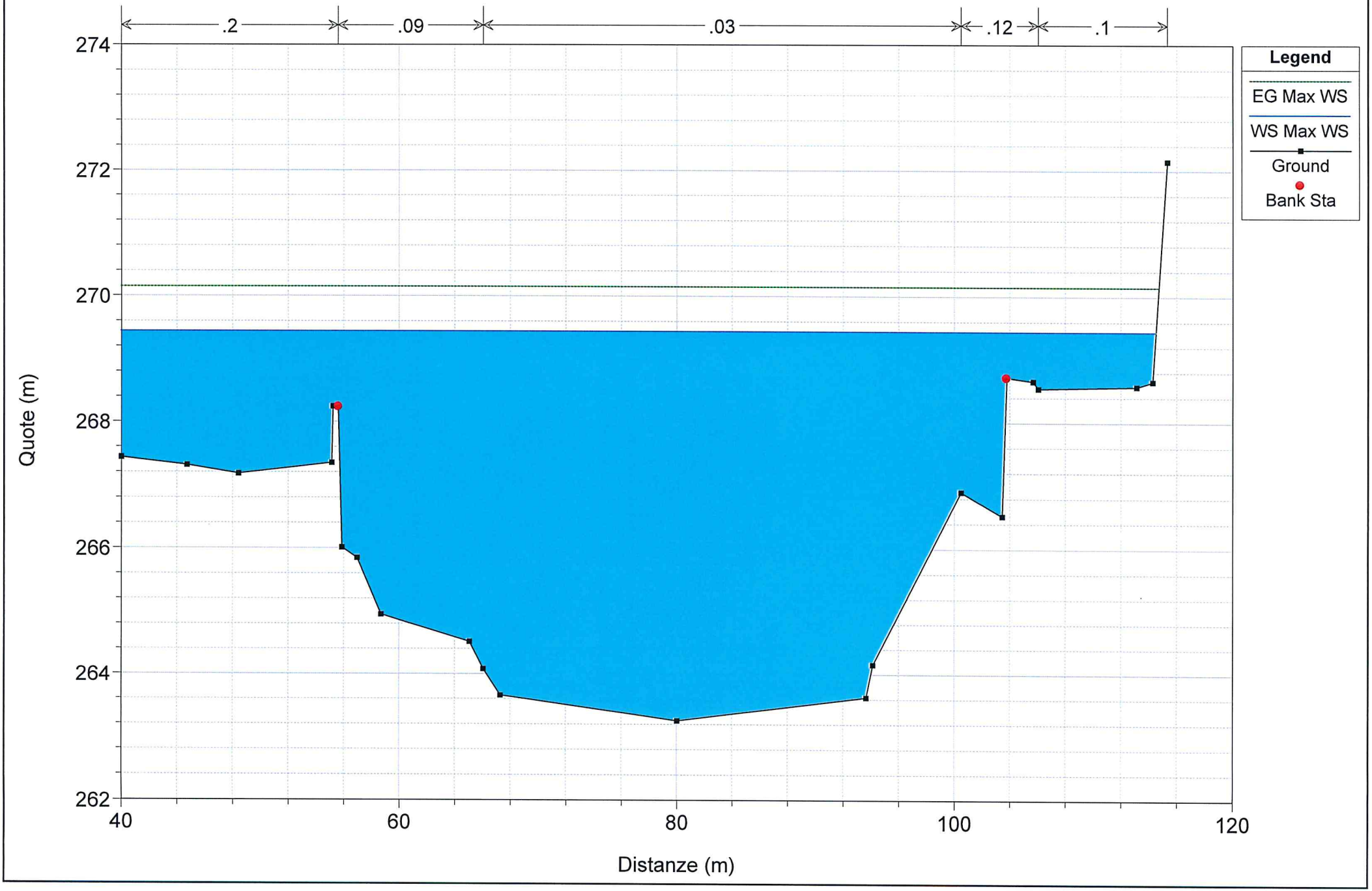

River = Fiume Oglio Reach = . RS = 79 32H
STATO DI PROGETTO
.2
.1
.03
.12
.1
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
Distanze (m)
274
272
270
268
266
264
262
20
40
60
80
100
120
140
160
180


River = Fiume Oglio Reach = . RS = 78 032G
STATO DI PROGETTO
.1
.03
.12
.1
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
271
270
269
268
267
266
265
264
263
20
40
60
80
100
120
140
160
Distanze (m)


River = Fiume Oglio Reach = . RS = 77 032F
STATO DI PROGETTO
.1
.09
.03
.12
.1
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
271
270
269
268
267
266
265
264
263
Quote (m)
20
40
60
80
100
120
140
Distanze (m)

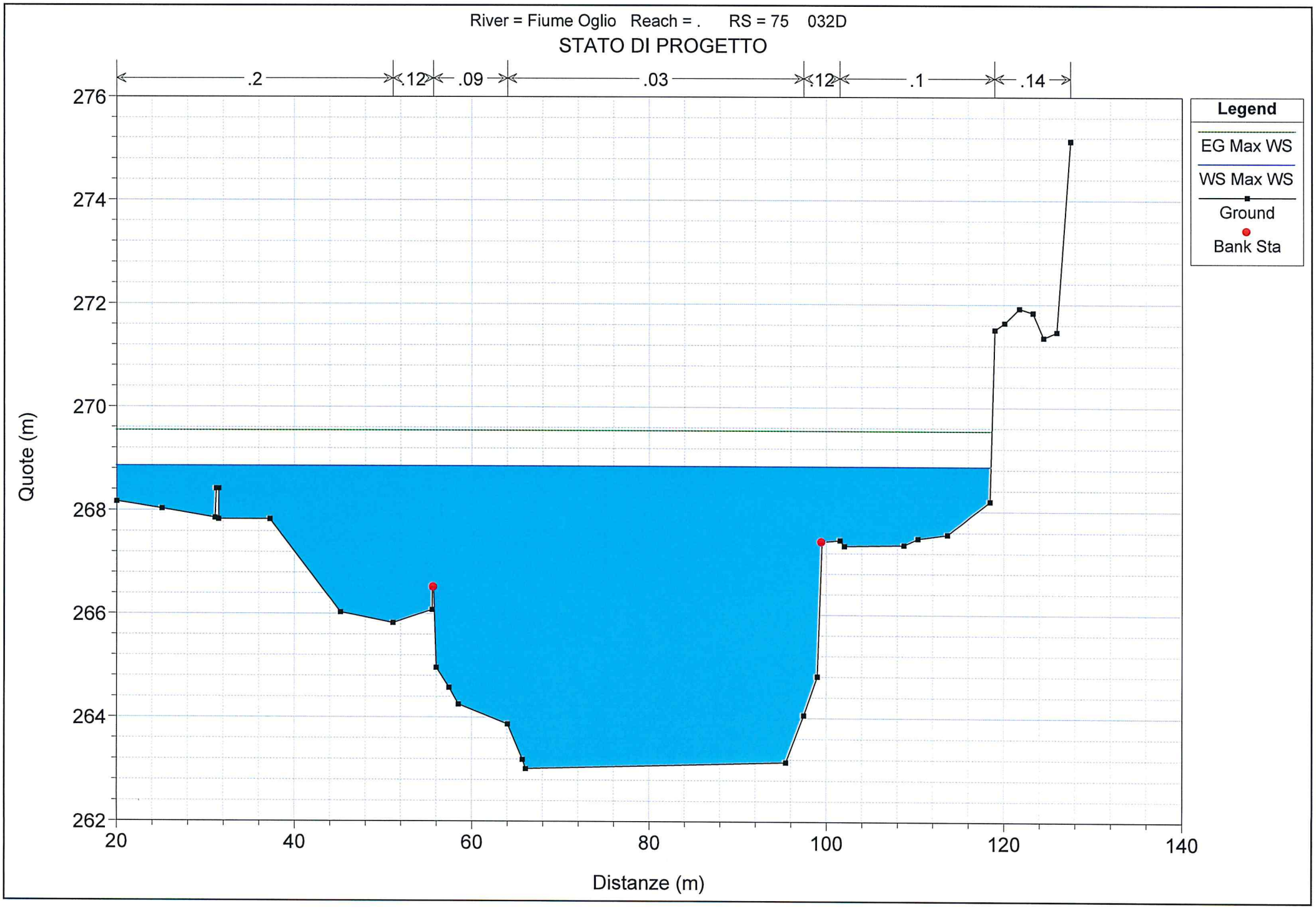
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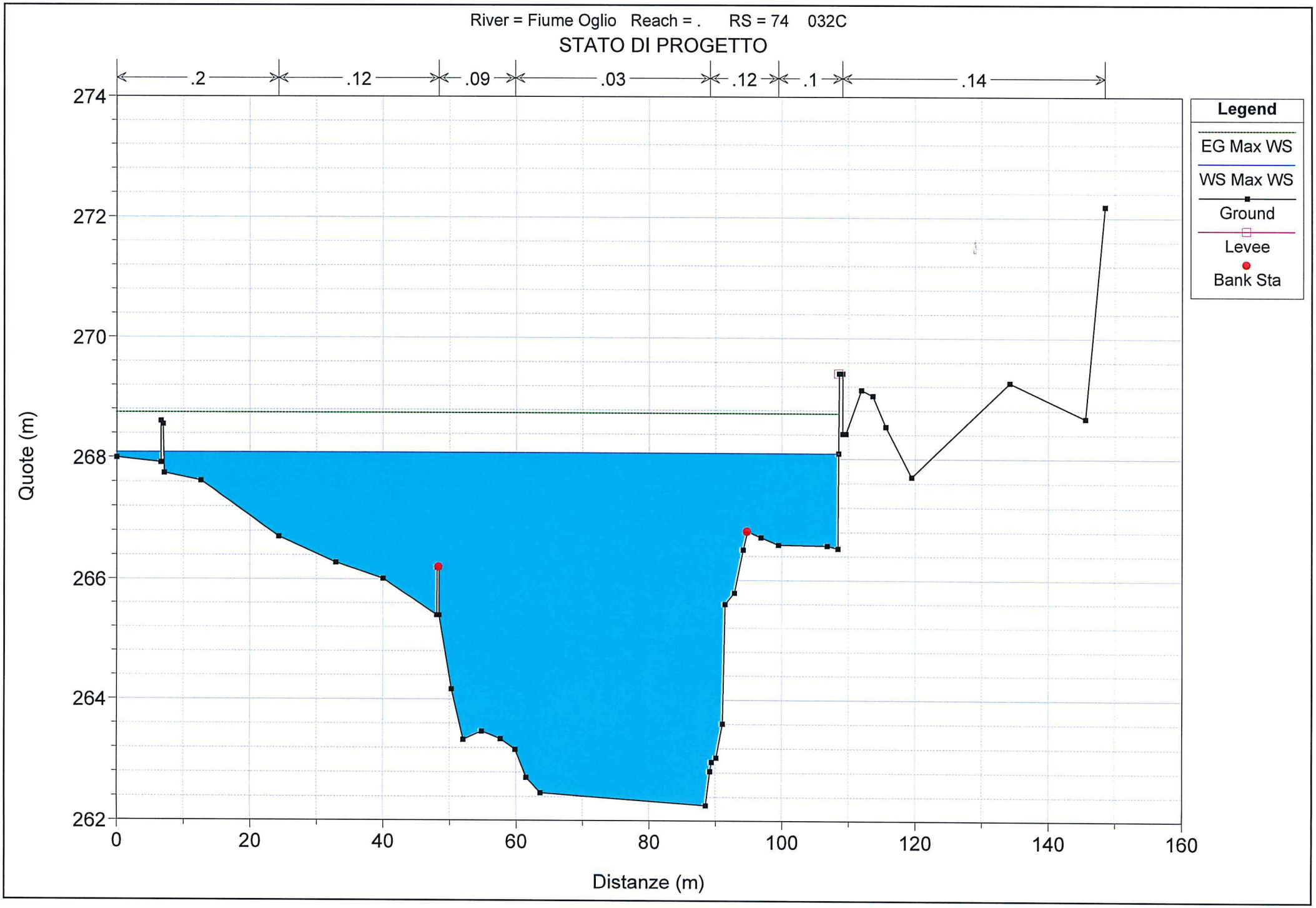
STATO DI PROGETTO

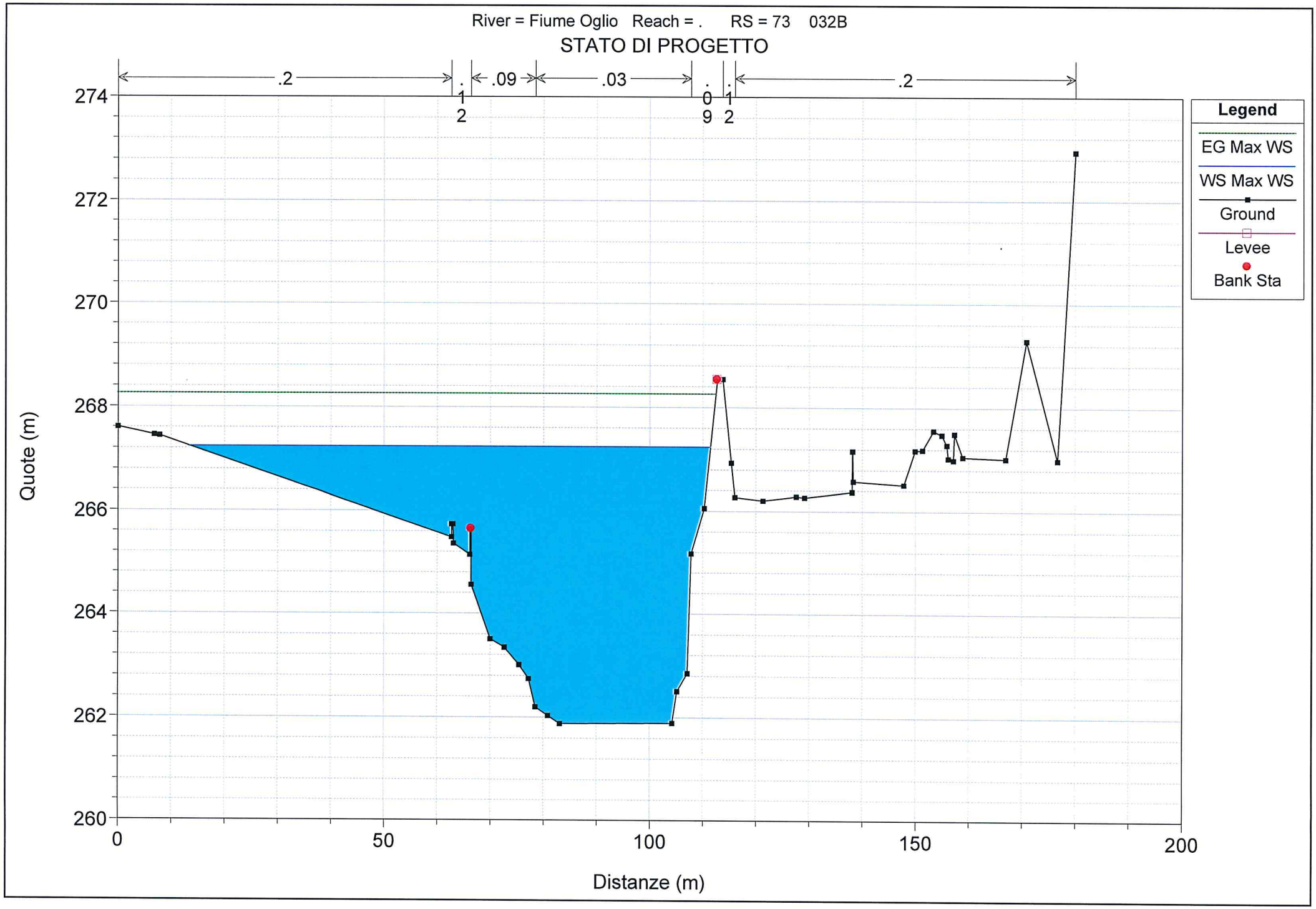


River = Fiume Oglio Reach = . RS = 75 032D

STATO DI PROGETTO

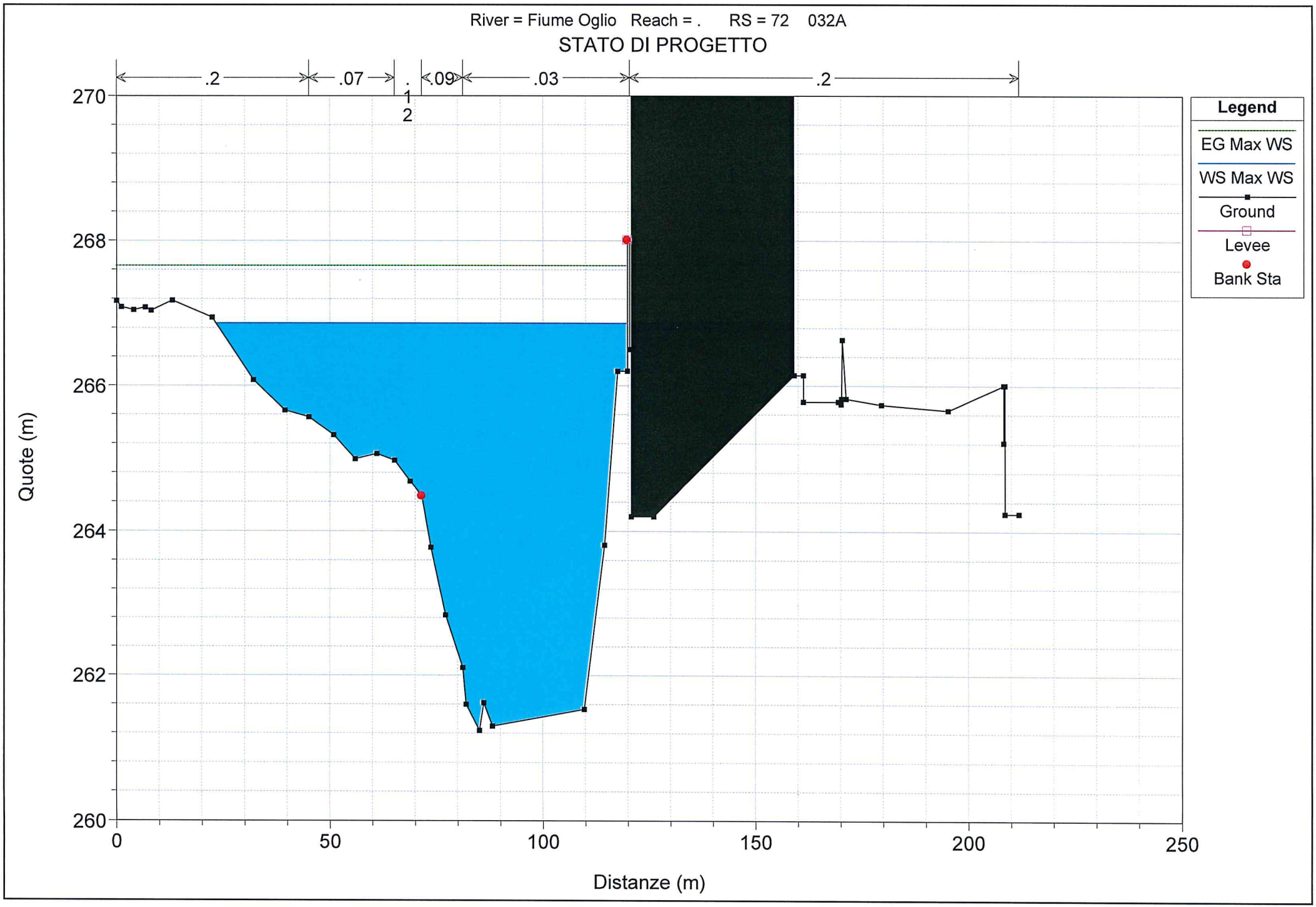


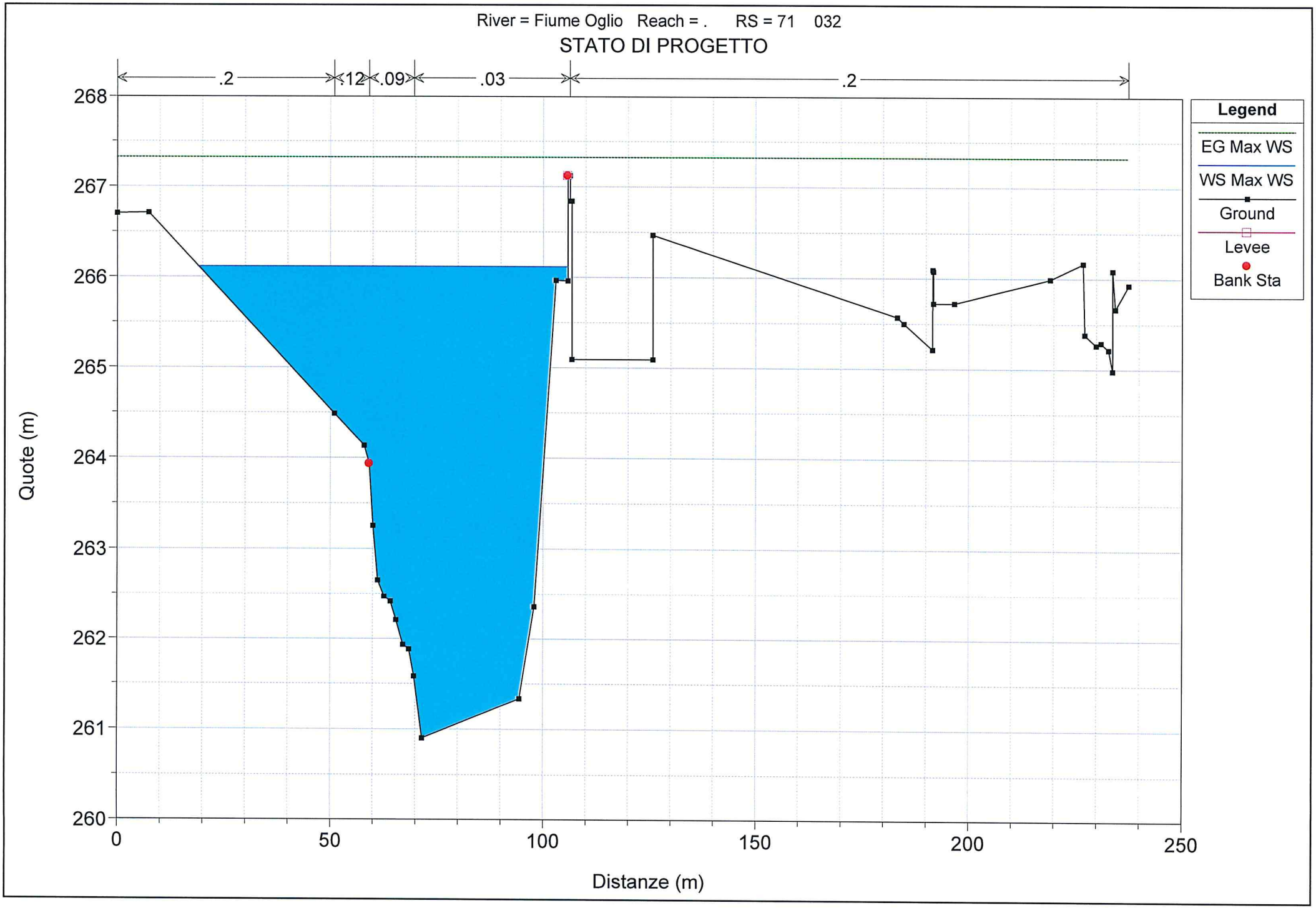

River = Fiume Oglio Reach = . RS = 74 032C
STATO DI PROGETTO
.2
.12
.09
.03
.12
.1
.14
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
274
272
270
268
266
264
262
0
20
40
60
80
100
120
140
160
Distanze (m)


River = Fiume Oglio Reach = . RS = 73 032B
STATO DI PROGETTO
.2
.12
.09
.03
.09
.12
.2
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
274
272
270
268
266
264
262
260
0
50
100
150
200
Distanze (m)

River = Fiume Oglio Reach = . RS = 72 032A

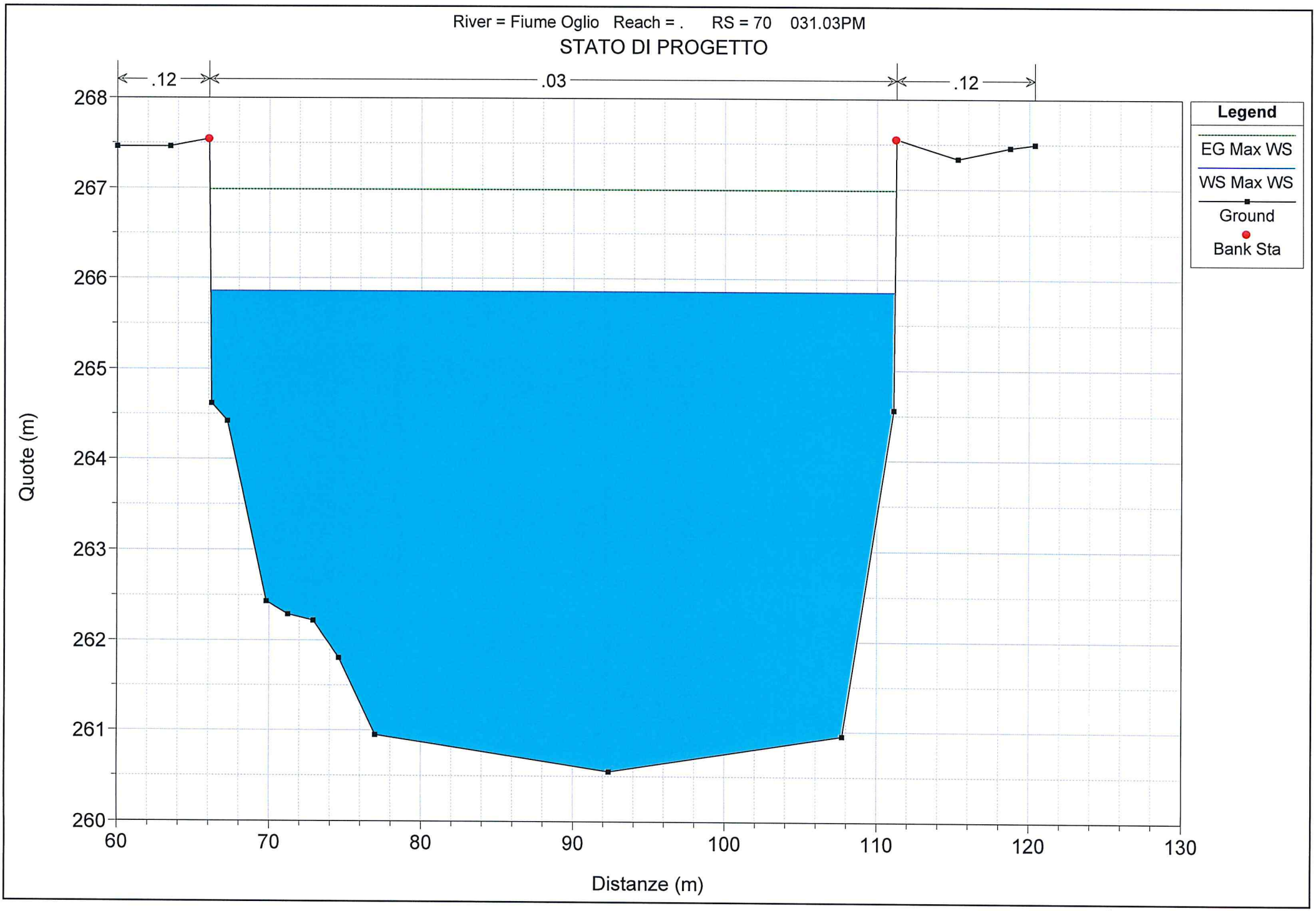
STATO DI PROGETTO




River = Fiume Oglio Reach = . RS = 71 032
STATO DI PROGETTO
.2
.12
.09
.03
.2
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
Distanze (m)
268
267
266
265
264
263
262
261
260
0
50
100
150
200
250

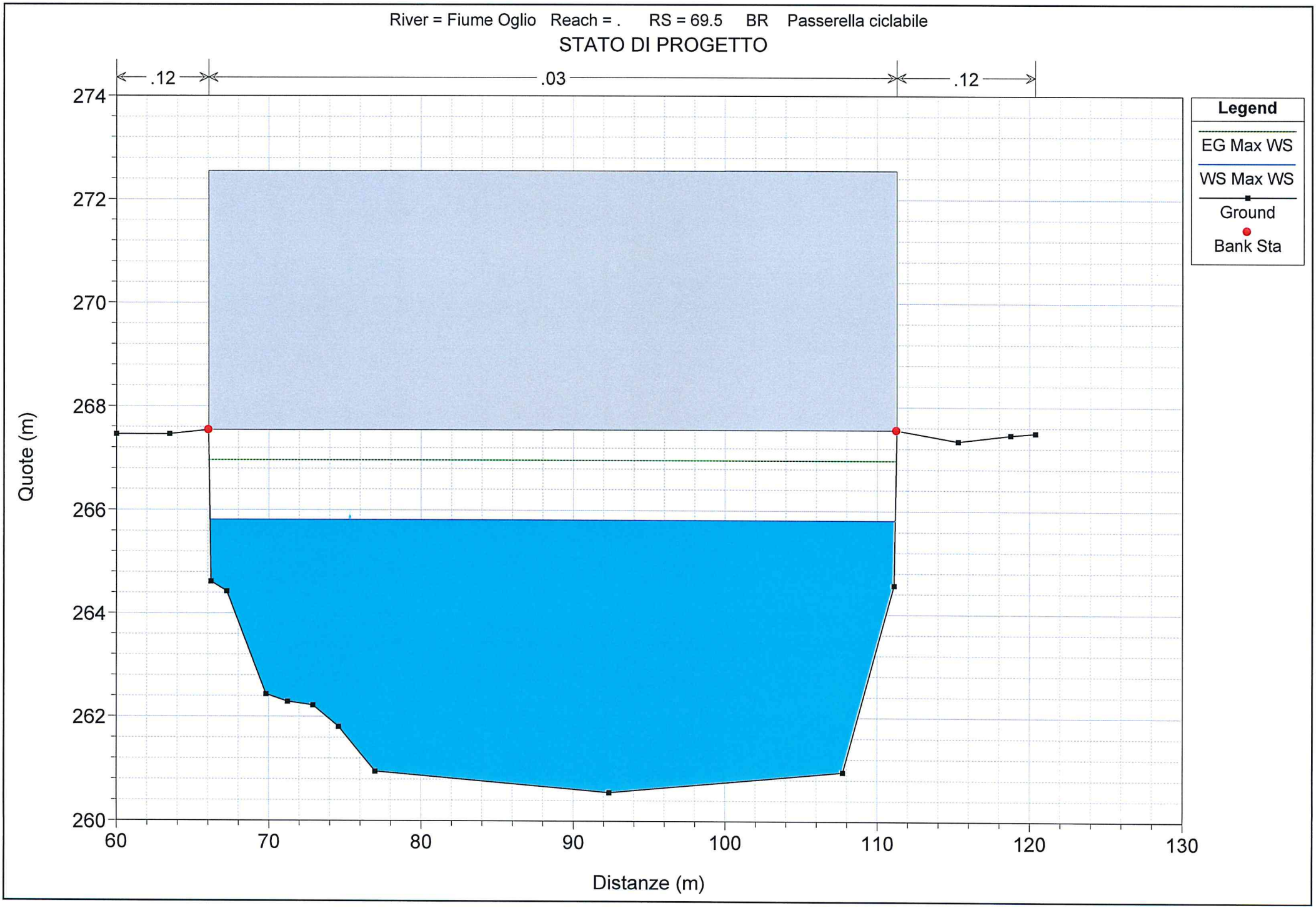
River = Fiume Oglio Reach = . RS = 70 031.03PM

STATO DI PROGETTO



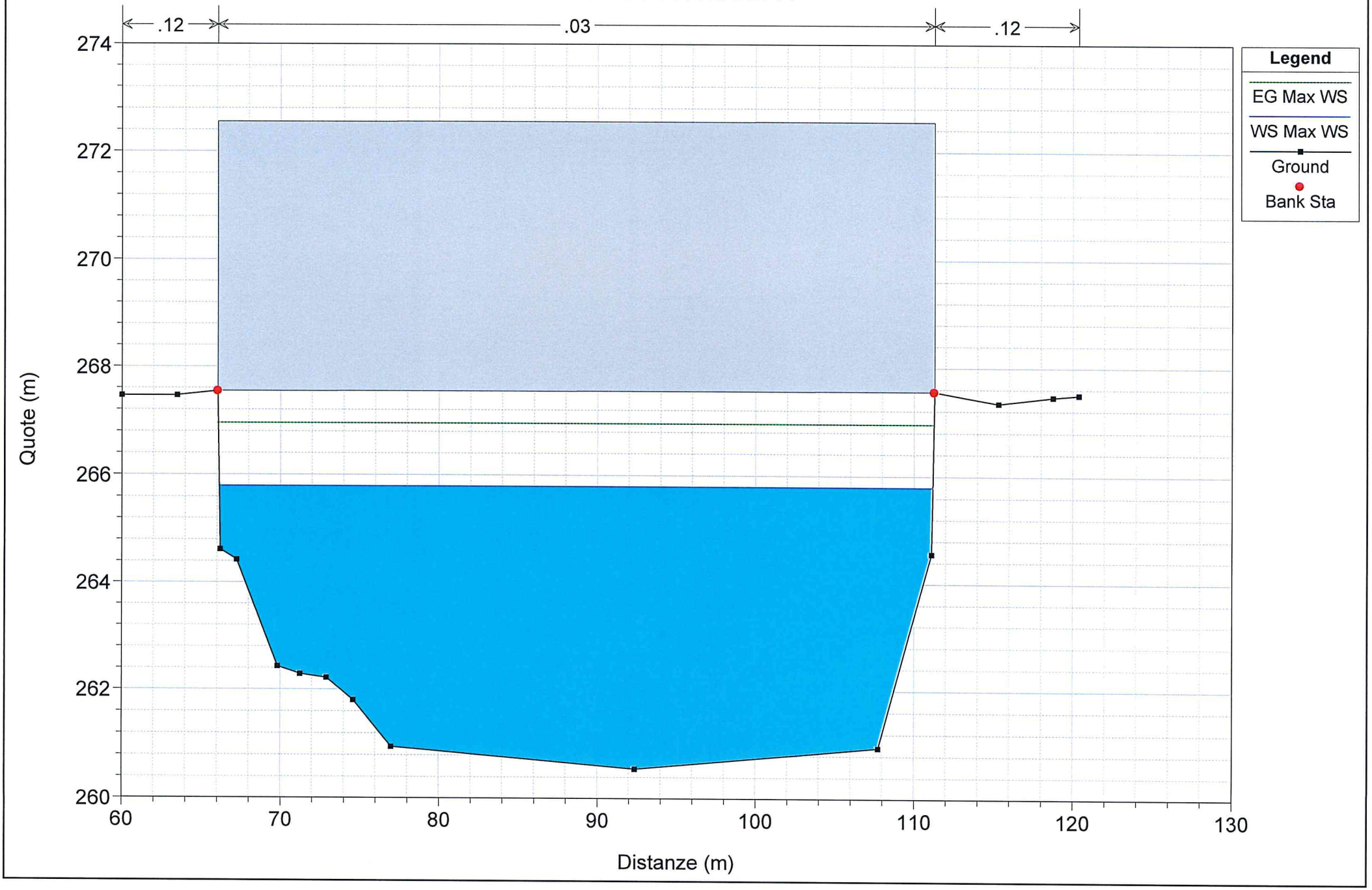
River = Fiume Oglio Reach = . RS = 69.5 BR Passerella ciclabile

STATO DI PROGETTO



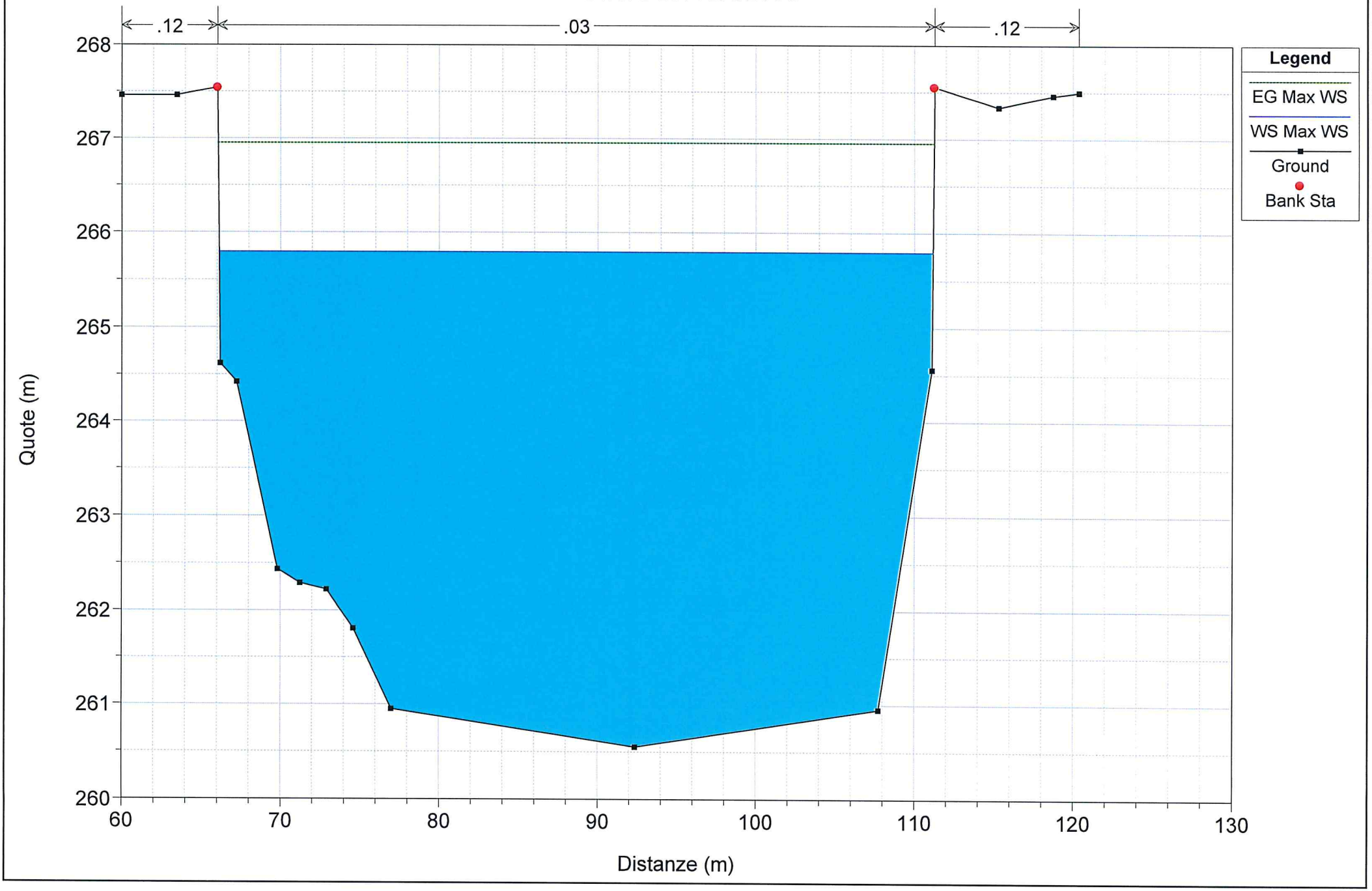
River = Fiume Oglio Reach = . RS = 69.5 BR Passerella ciclabile

STATO DI PROGETTO



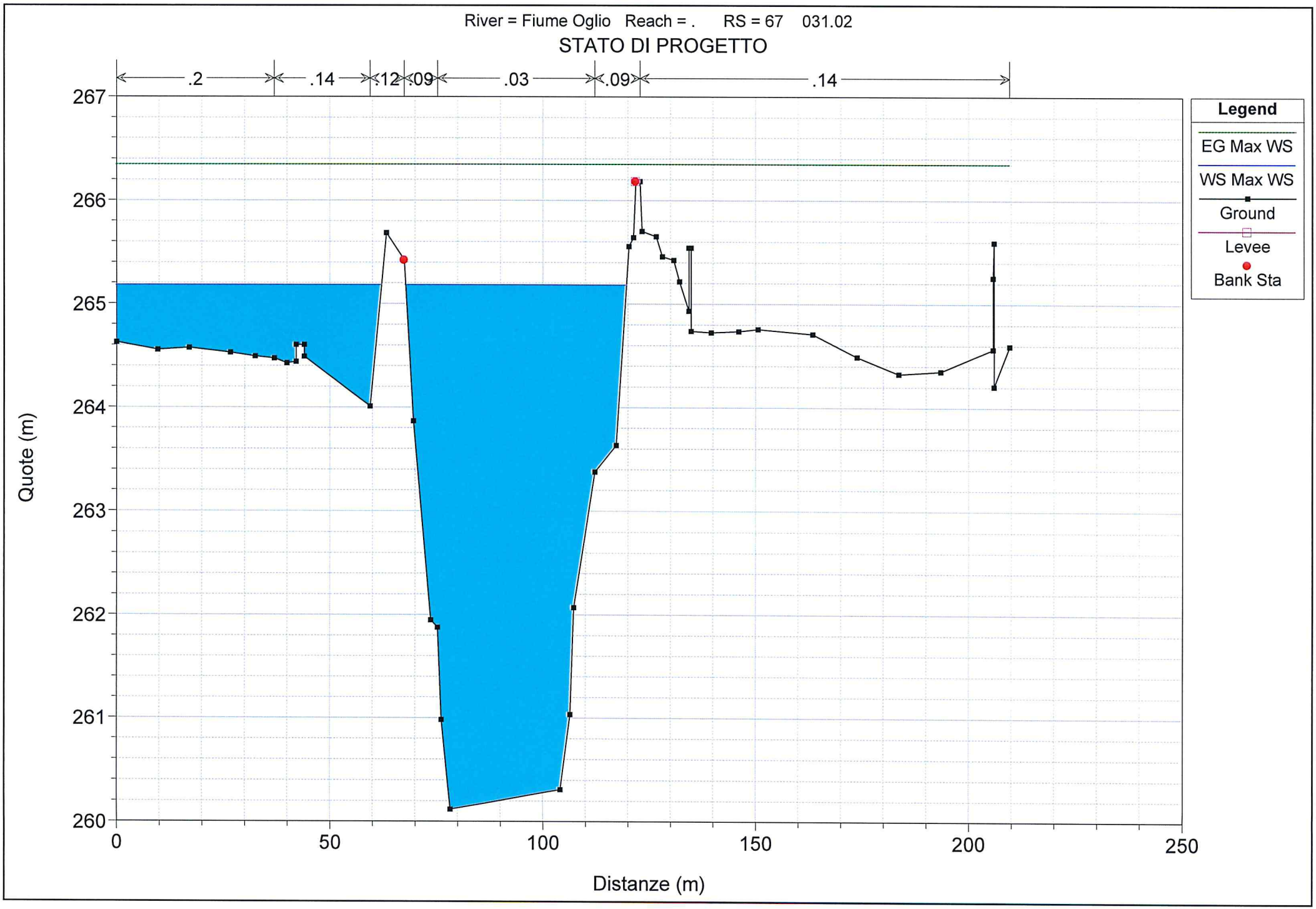
River = Fiume Oglio Reach = . RS = 69 031.03PV

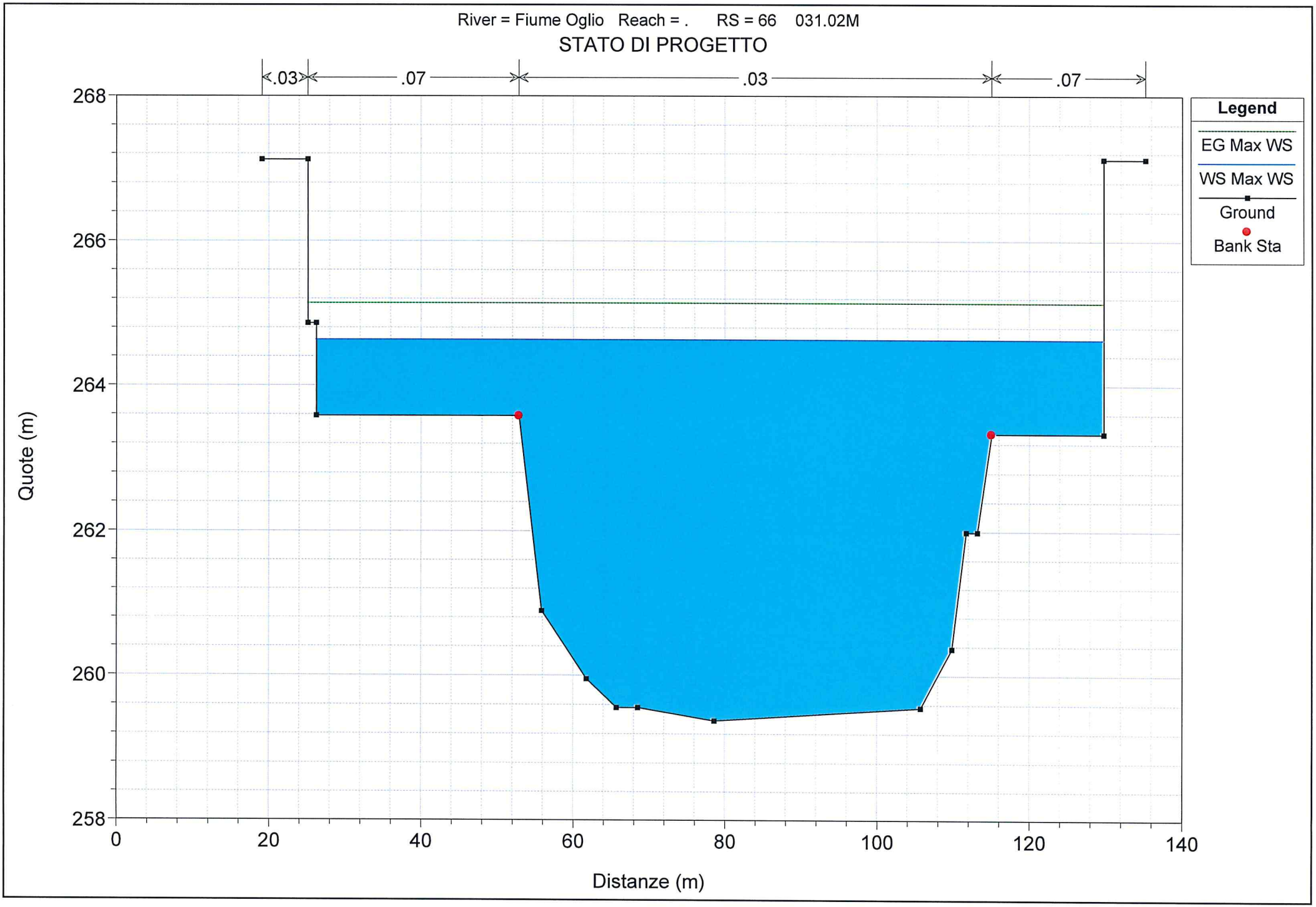
STATO DI PROGETTO



River = Fiume Oglio Reach = . RS = 67 031.02

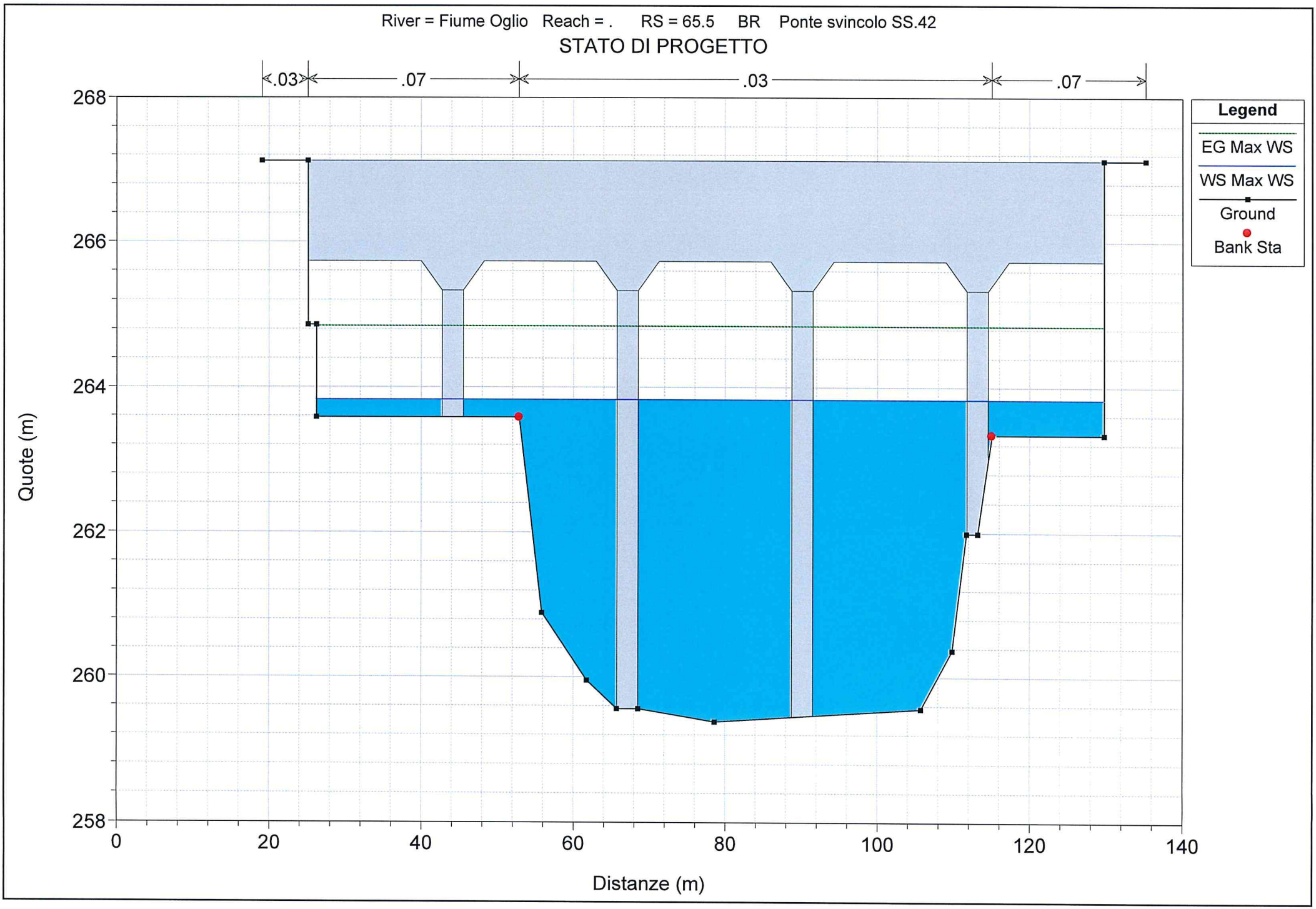
STATO DI PROGETTO

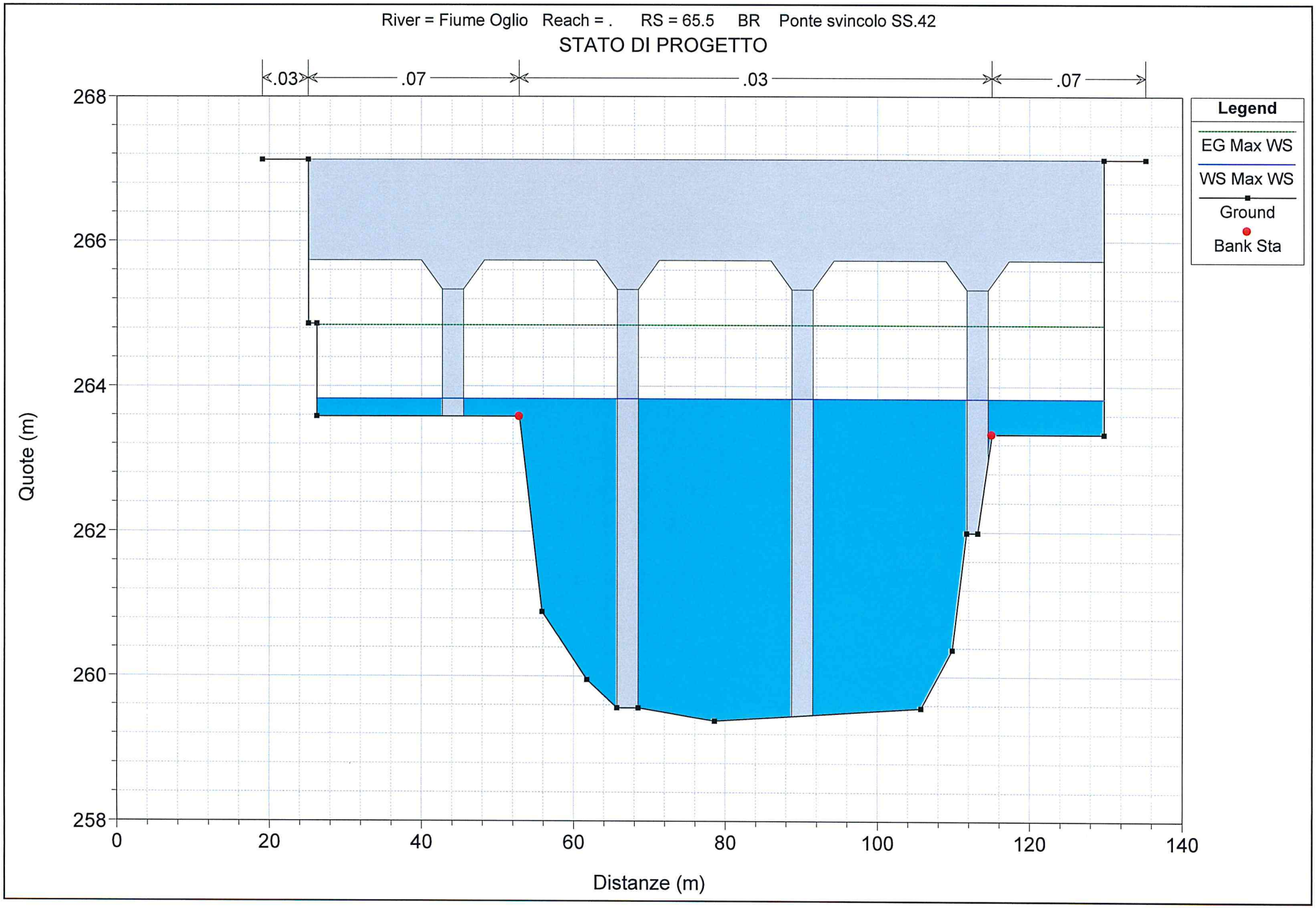



River = Fiume Oglio Reach = . RS = 66 031.02M
STATO DI PROGETTO
.03
.07
.03
.07
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
268
266
264
262
260
258
0
20
40
60
80
100
120
140
Distanze (m)

River = Fiume Oglio Reach = . RS = 65.5 BR Ponte svincolo SS.42

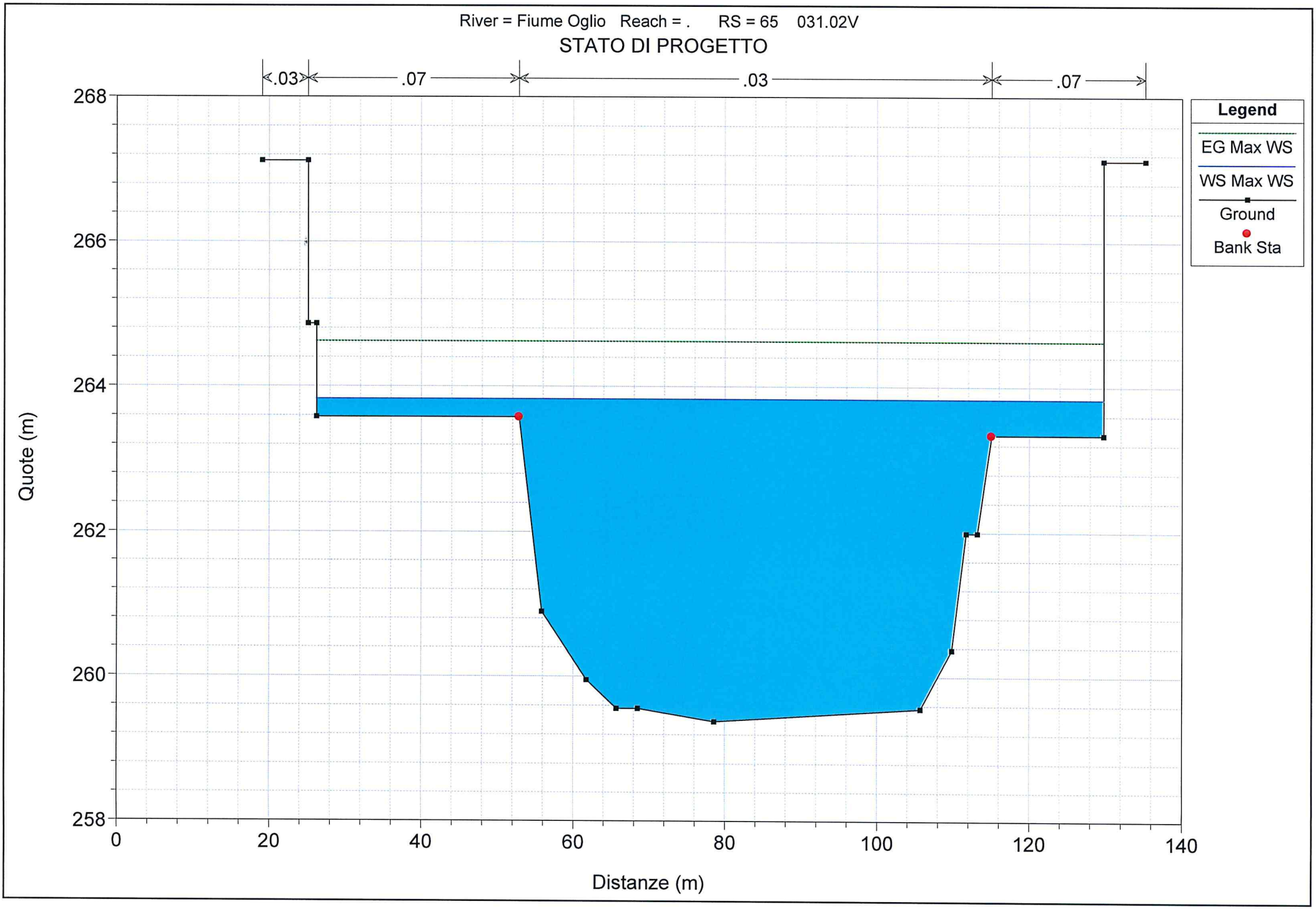
STATO DI PROGETTO




River = Fiume Oglio Reach = . RS = 65.5 BR Ponte svincolo SS.42
STATO DI PROGETTO
.03
.07
.03
.07
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
268
266
264
262
260
258
0
20
40
60
80
100
120
140
Distanze (m)

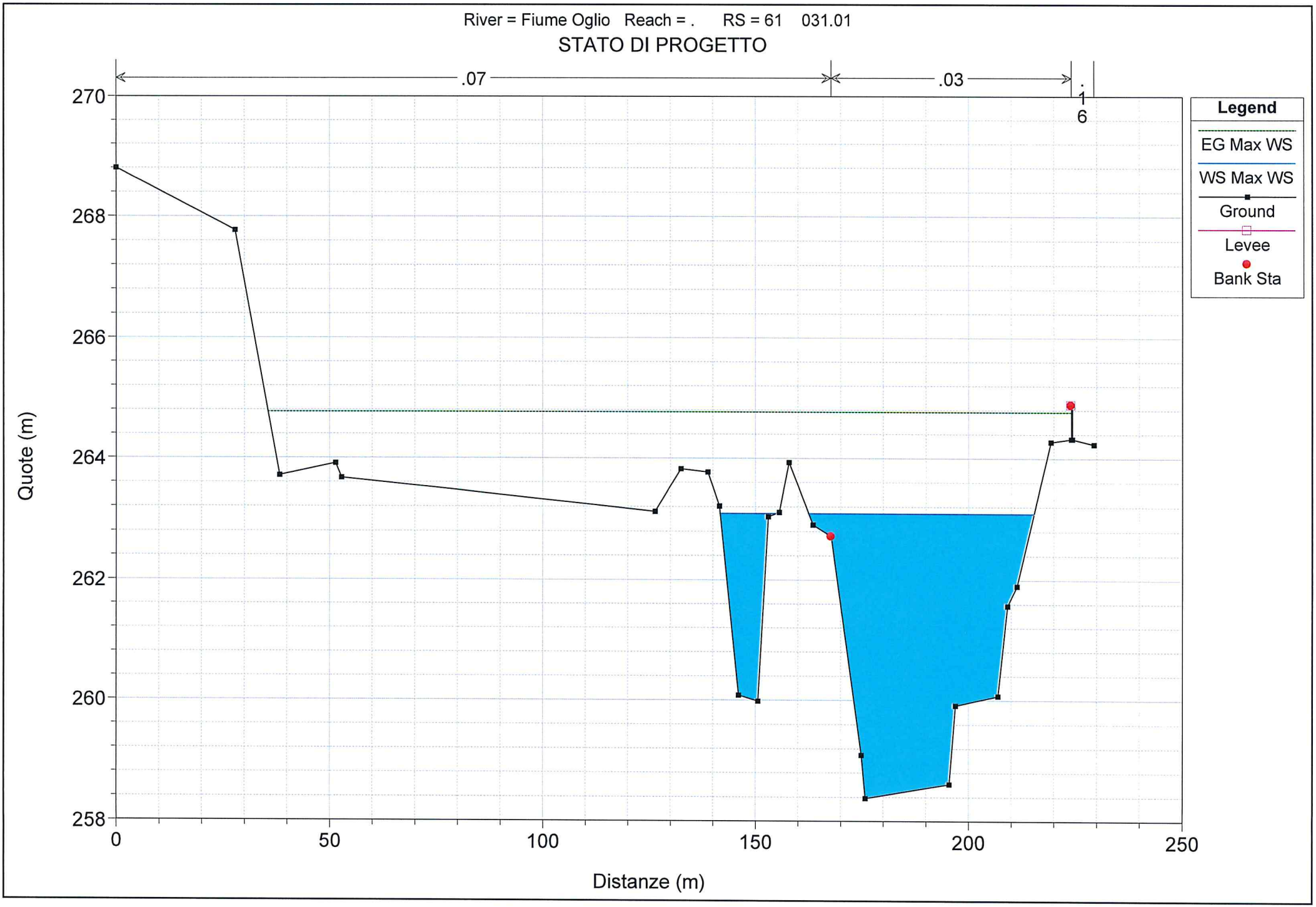
River = Fiume Oglio Reach = . RS = 65 031.02V

STATO DI PROGETTO



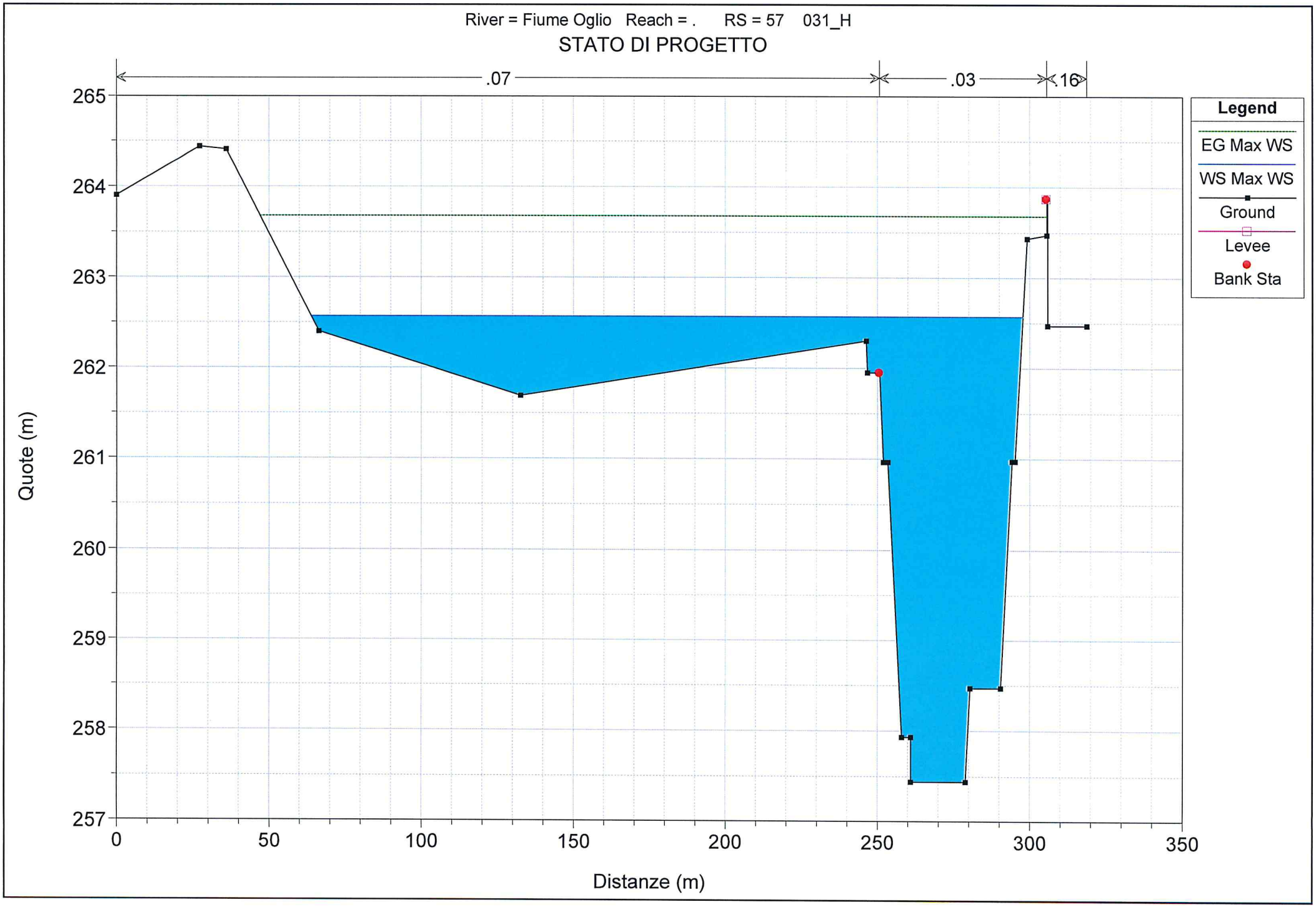
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STATO DI PROGETTO



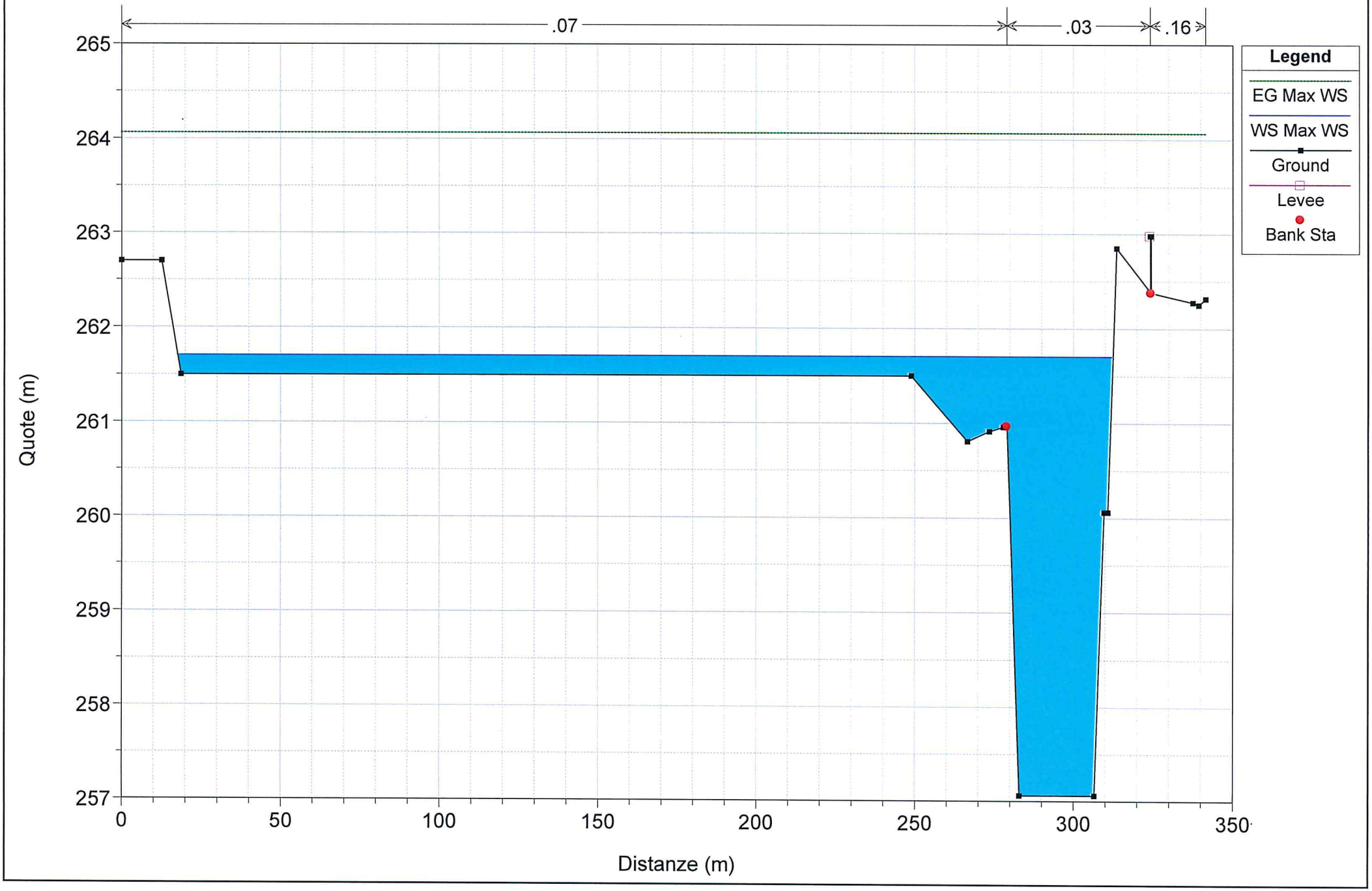
River = Fiume Oglio Reach = . RS = 57 031_H

STATO DI PROGETTO



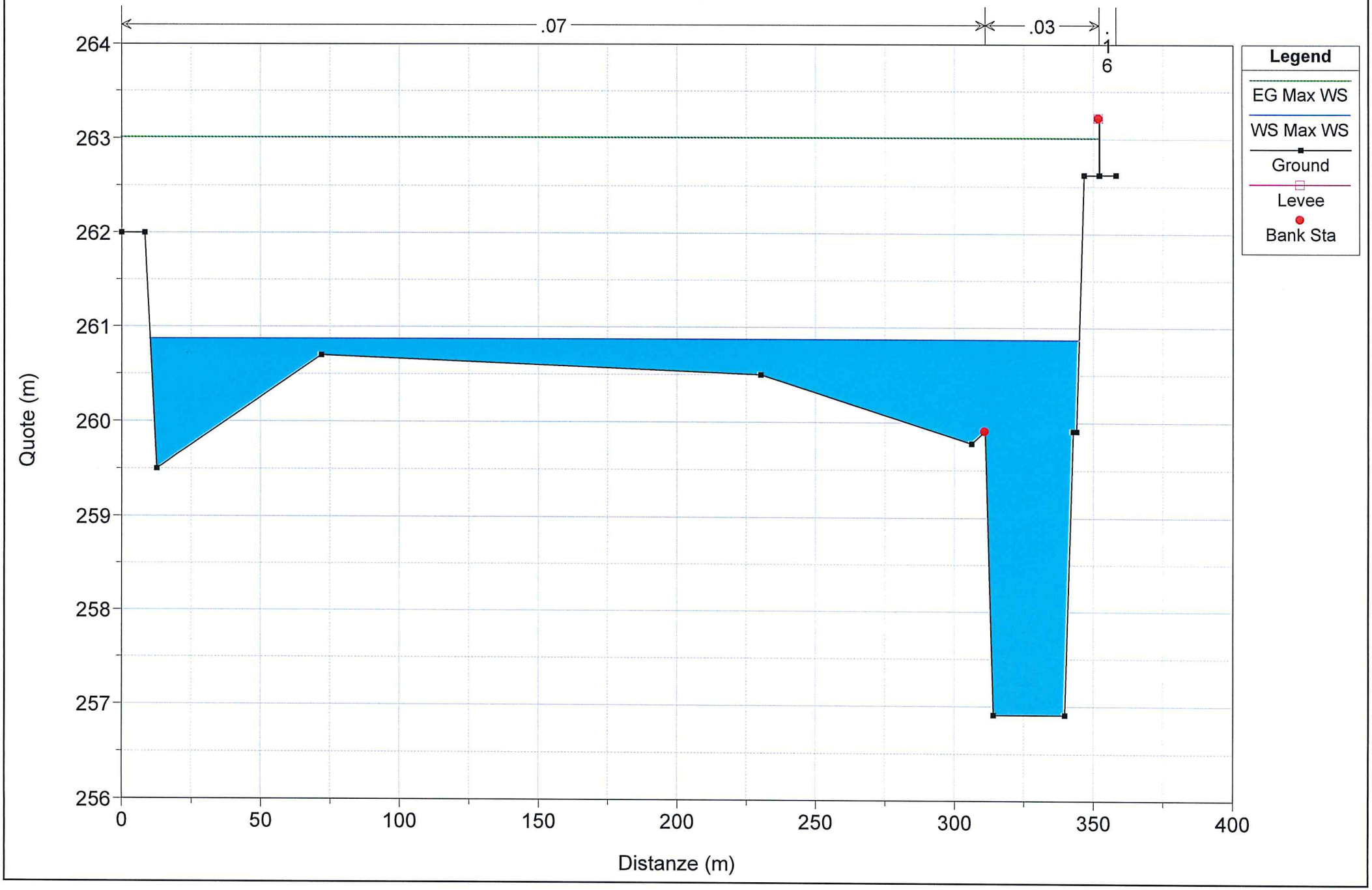
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STATO DI PROGETTO



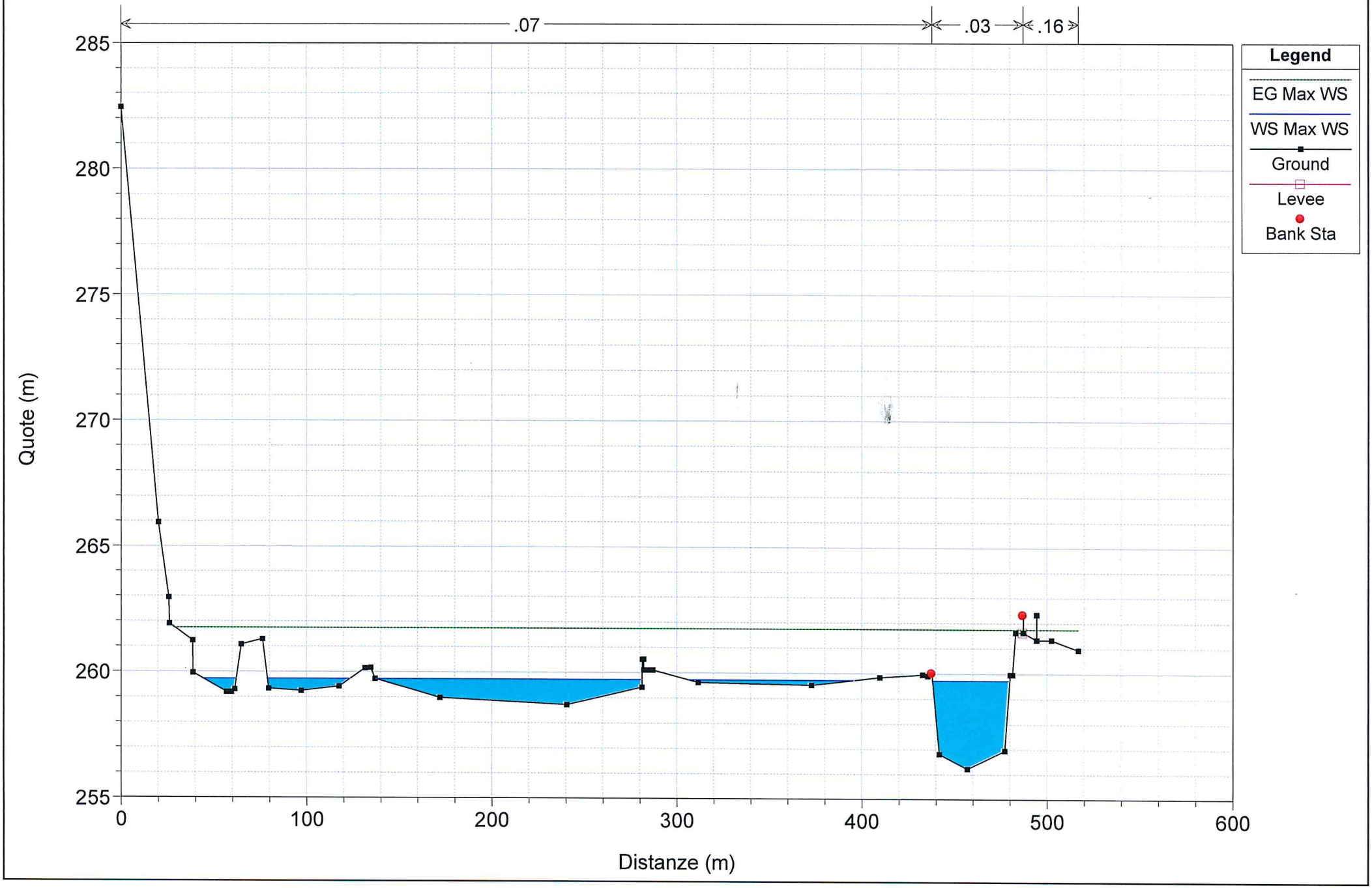
River = Fiume Oglio Reach = . RS = 52 031_C

STATO DI PROGETTO



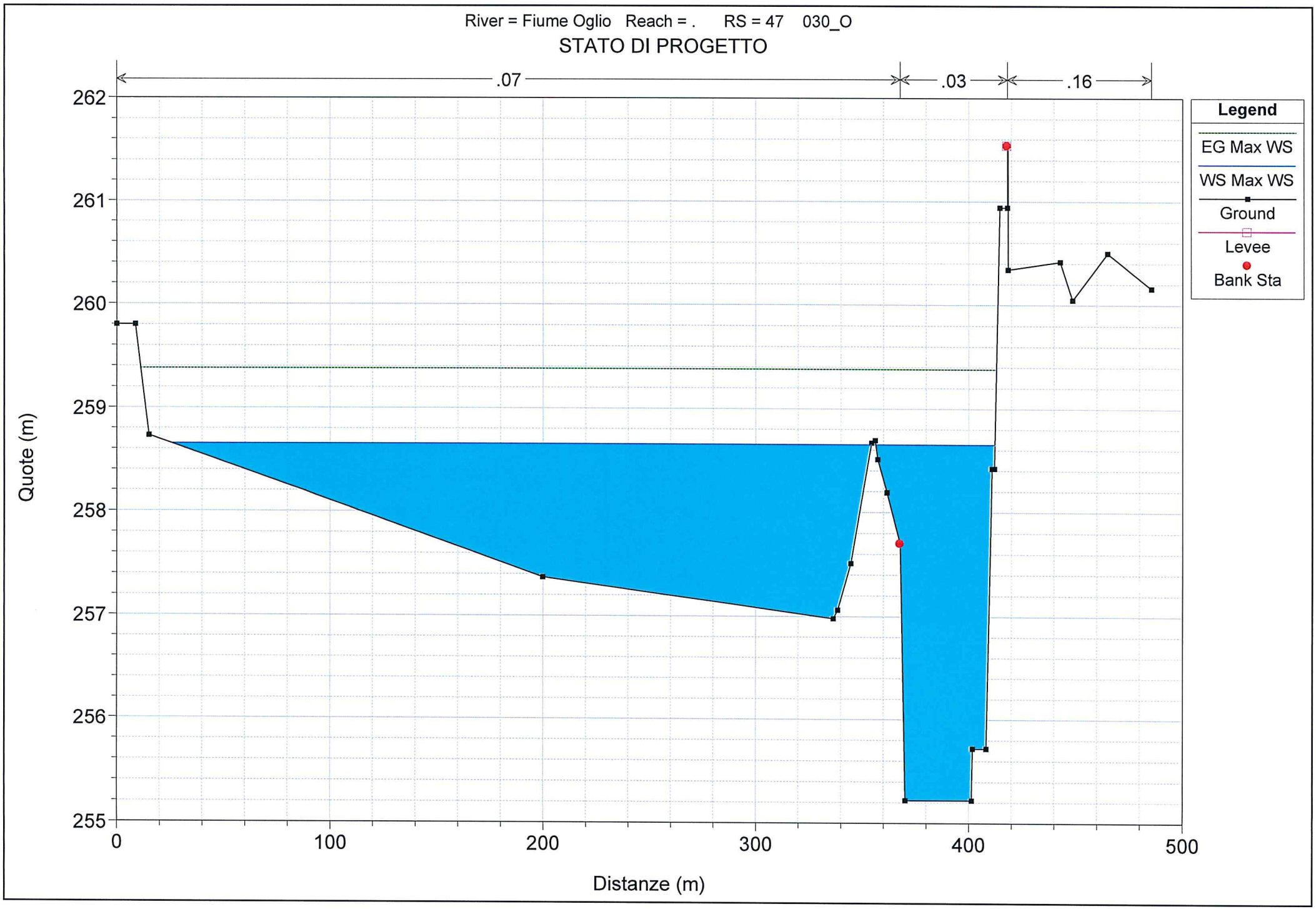
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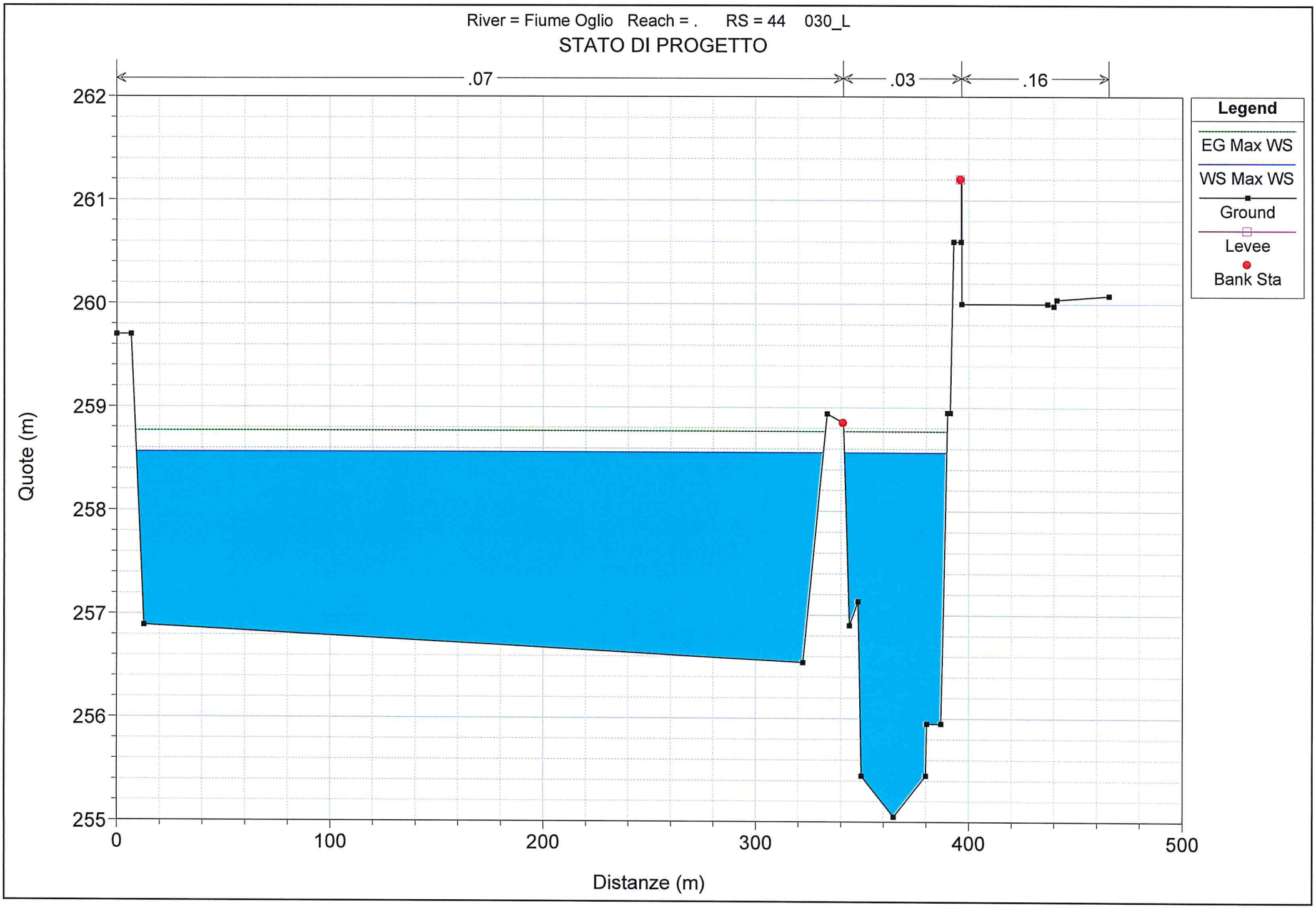
STATO DI PROGETTO



River = Fiume Oglio Reach = . RS = 47 030_O

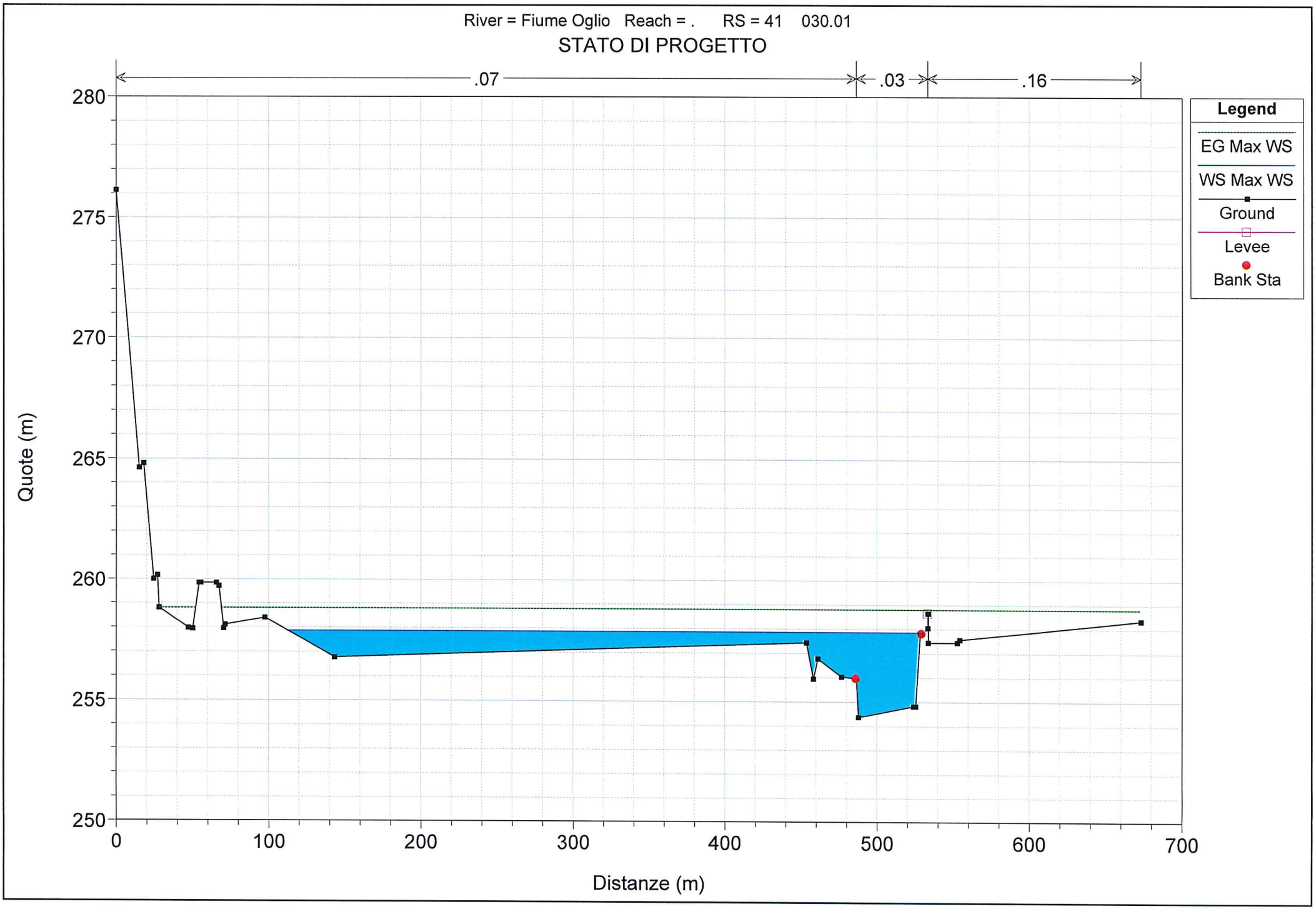
STATO DI PROGETTO

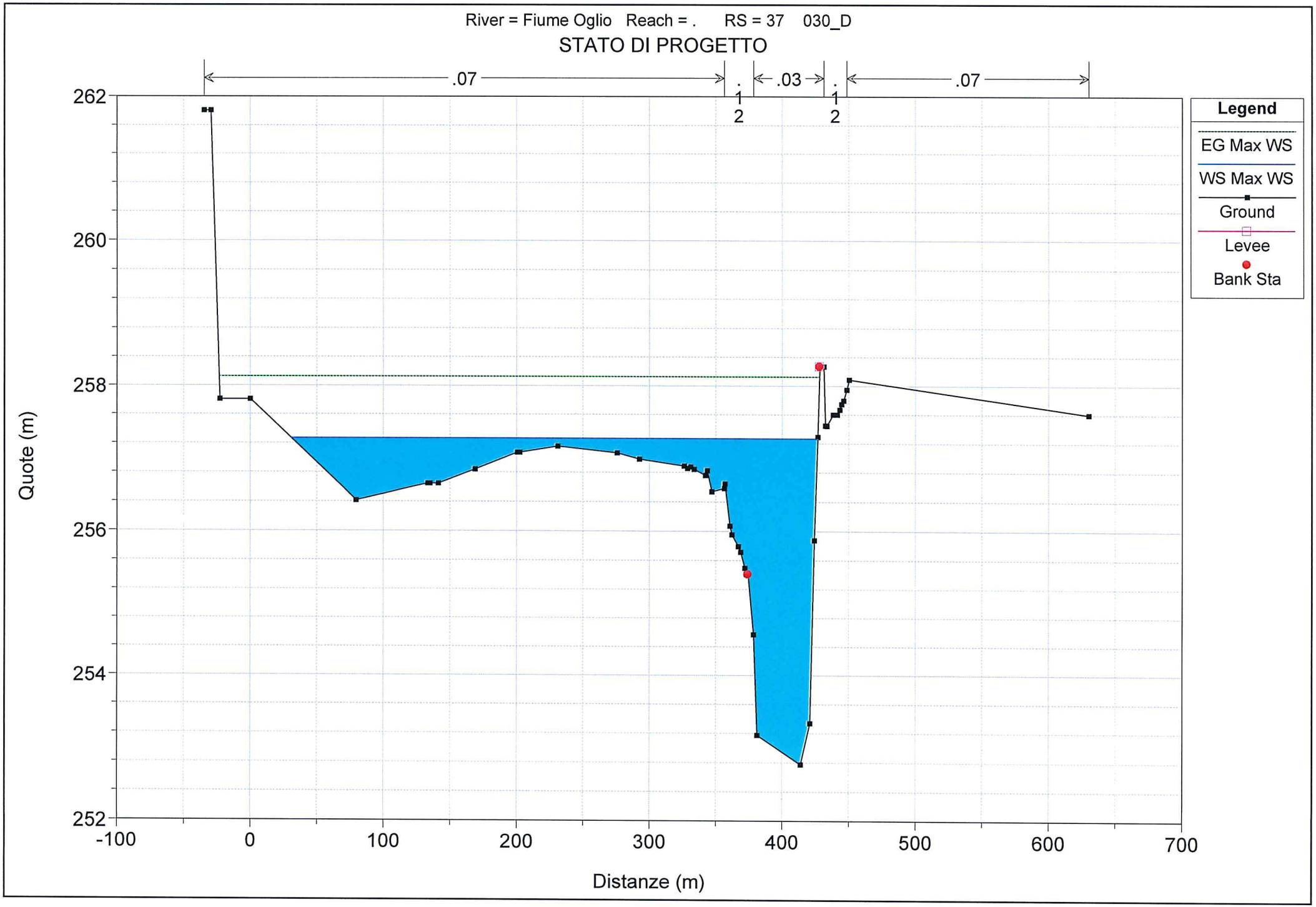


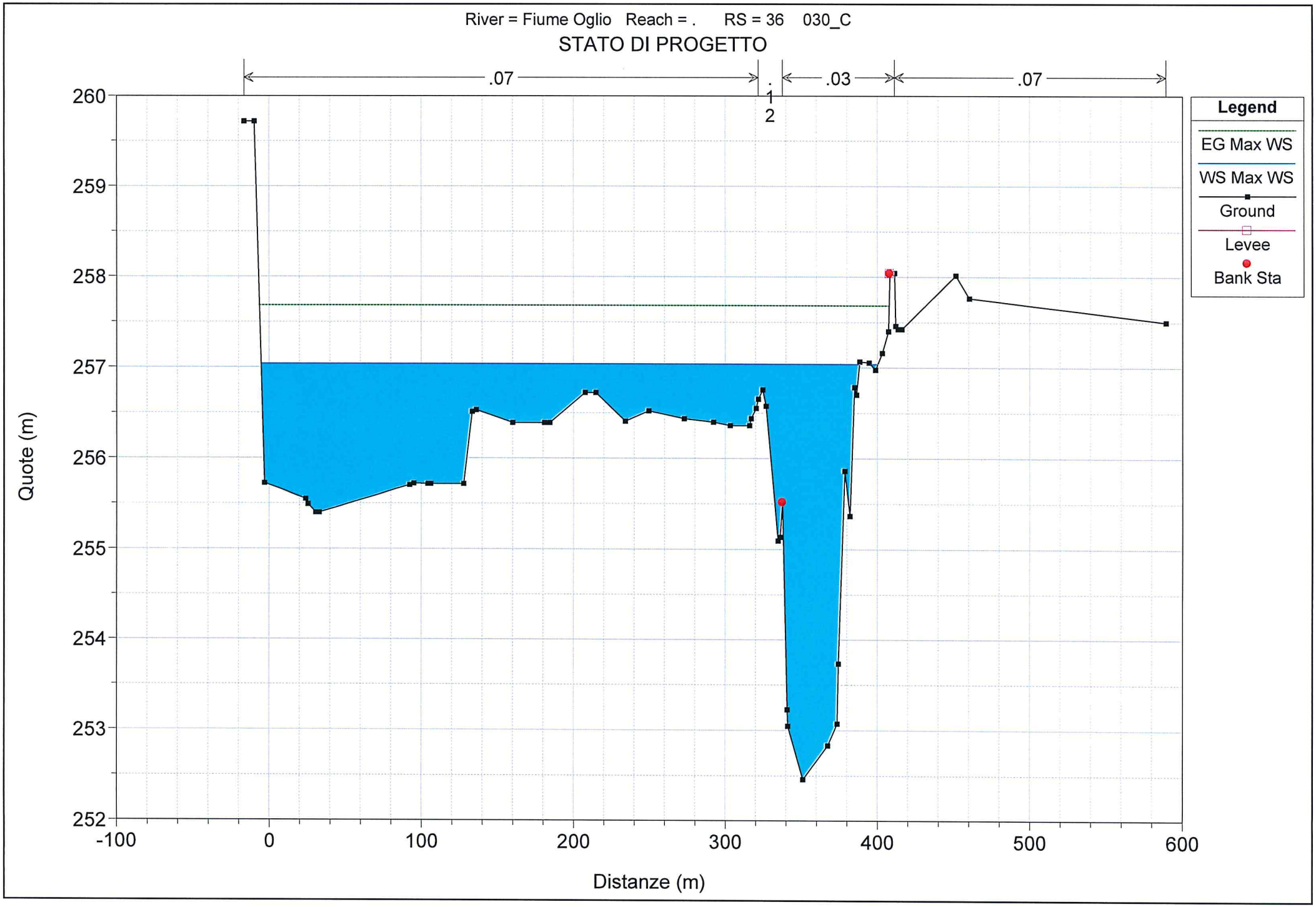

River = Fiume Oglio Reach = . RS = 44 030_L
STATO DI PROGETTO
.07
.03
.16
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
262
261
260
259
258
257
256
255
0
100
200
300
400
500
Distanze (m)

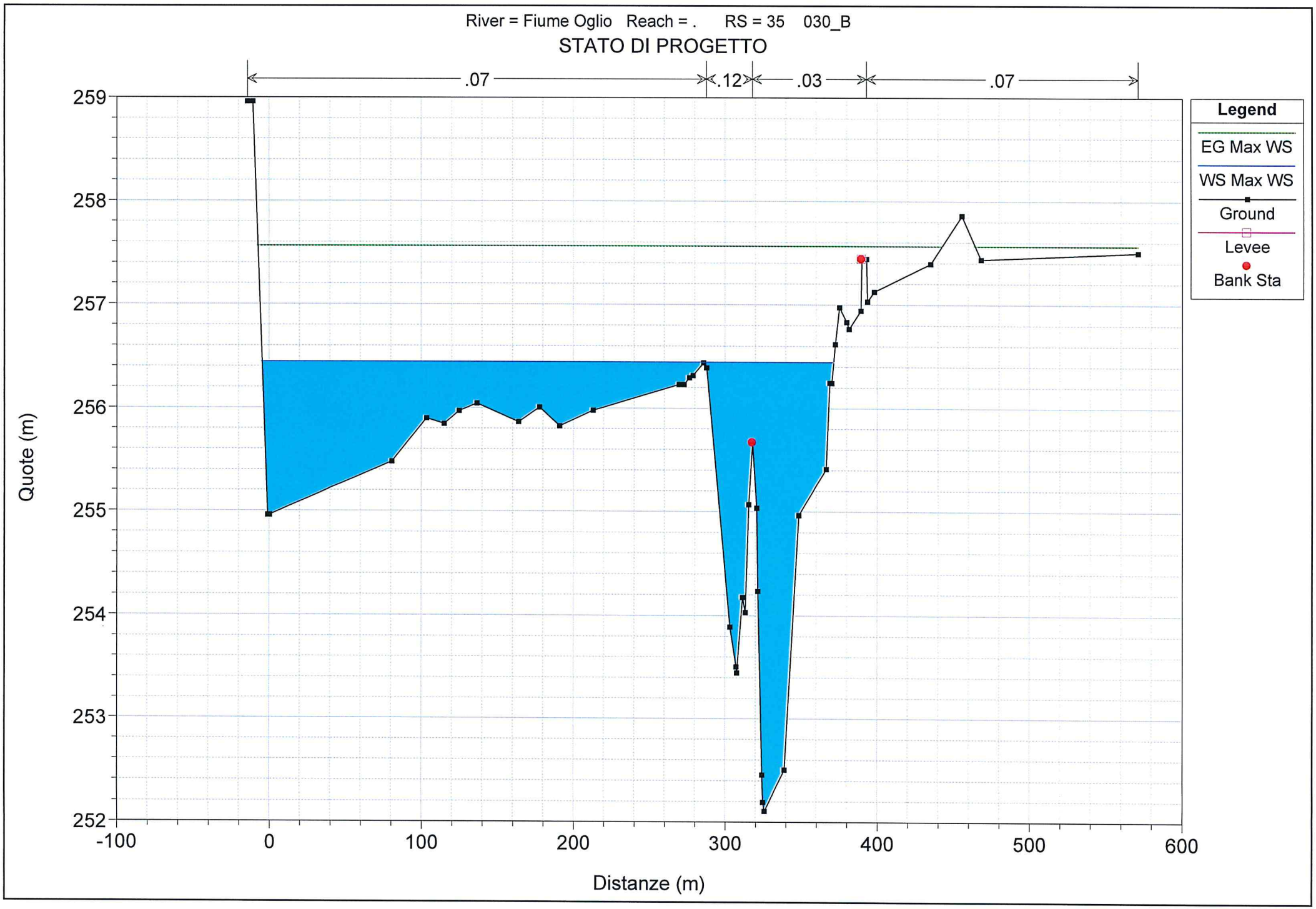
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STATO DI PROGETTO



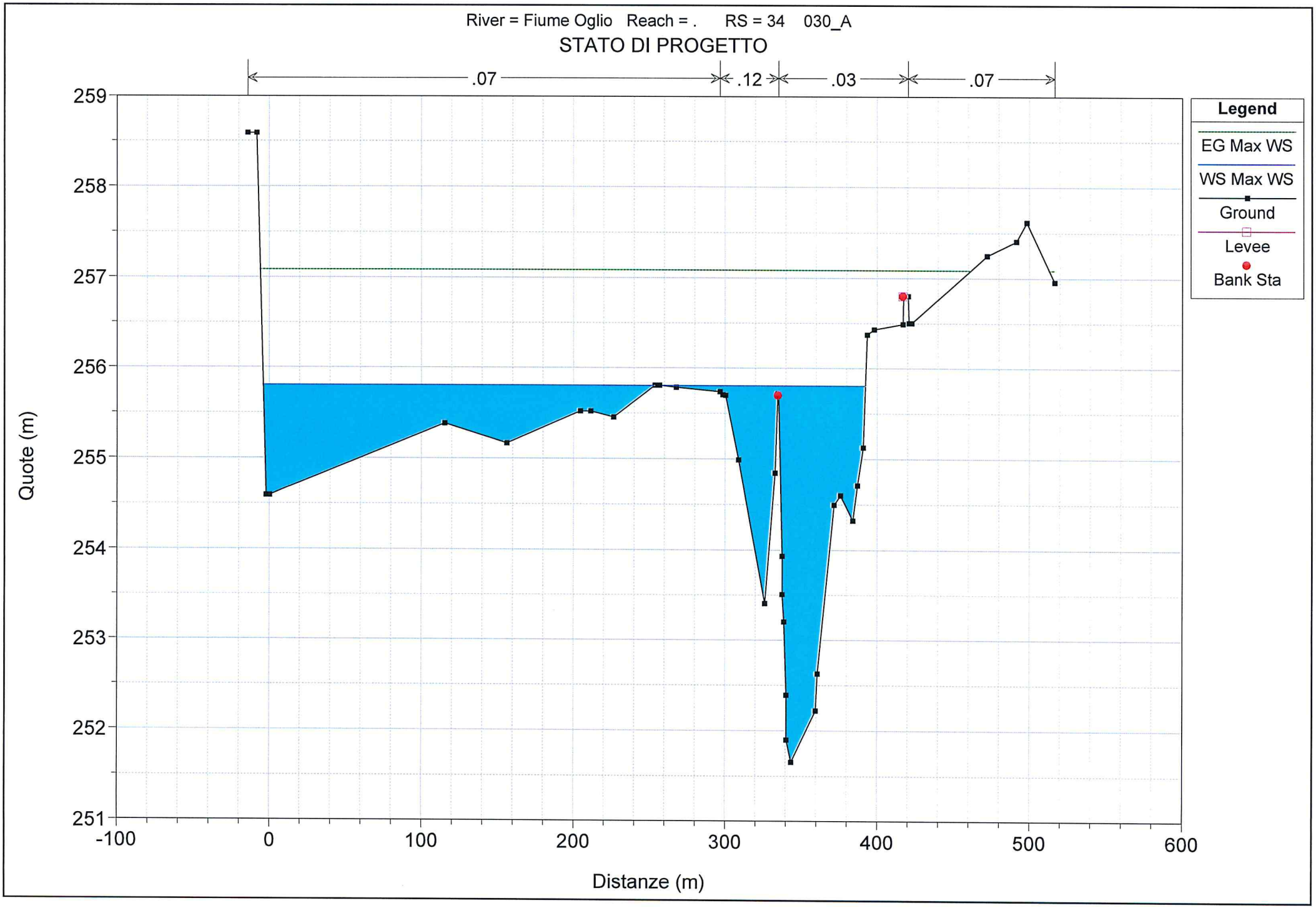

River = Fiume Oglio Reach = . RS = 37 030_D
STATO DI PROGETTO
.07
.
1
2
.03
.
1
2
.07
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
262
260
258
256
254
252
-100
0
100
200
300
400
500
600
700
Distanze (m)

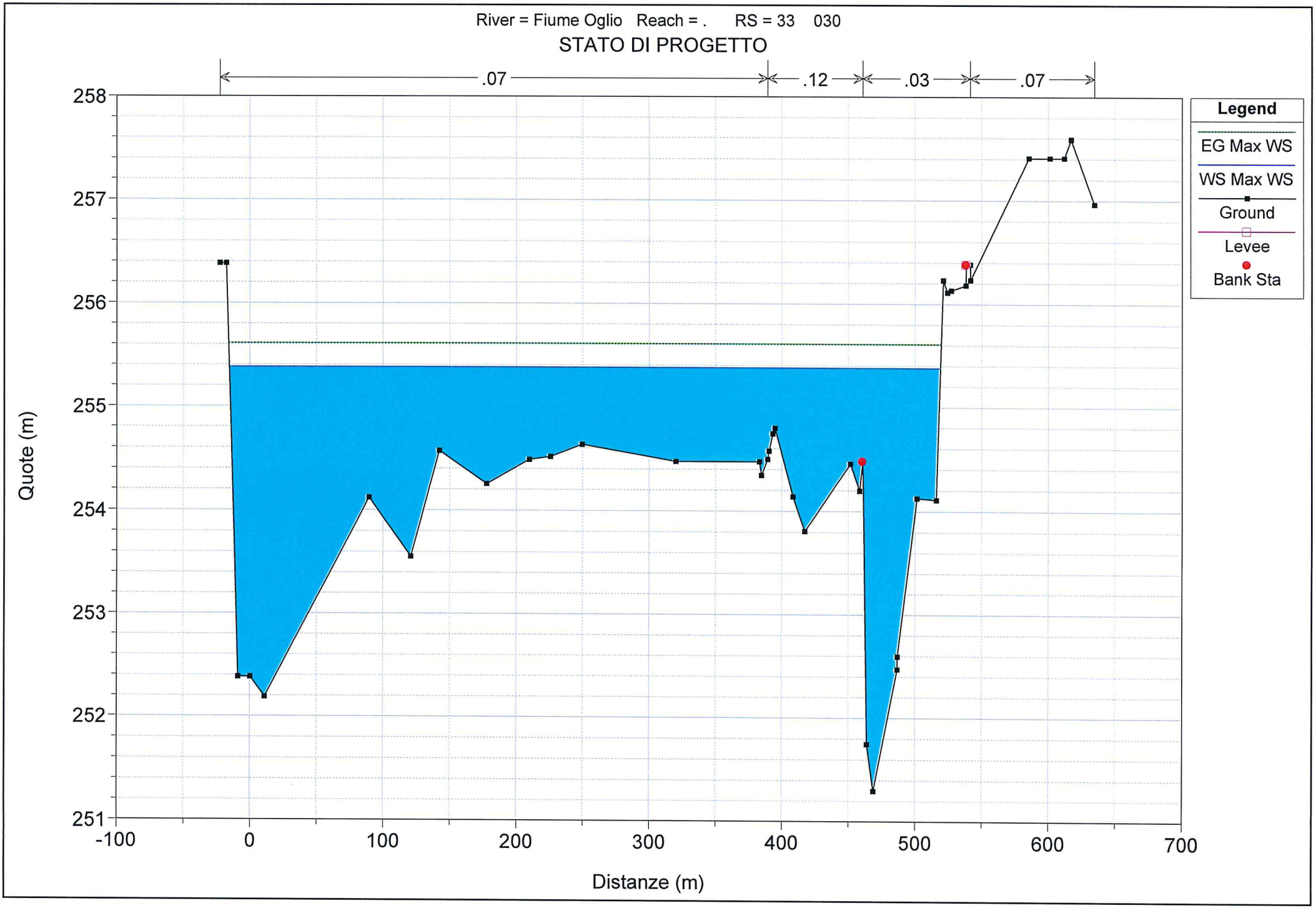

River = Fiume Oglio Reach = . RS = 36 030_C
STATO DI PROGETTO
.07
.
1
2
.03
.07
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
260
259
258
257
256
255
254
253
252
-100
0
100
200
300
400
500
600
Distanze (m)

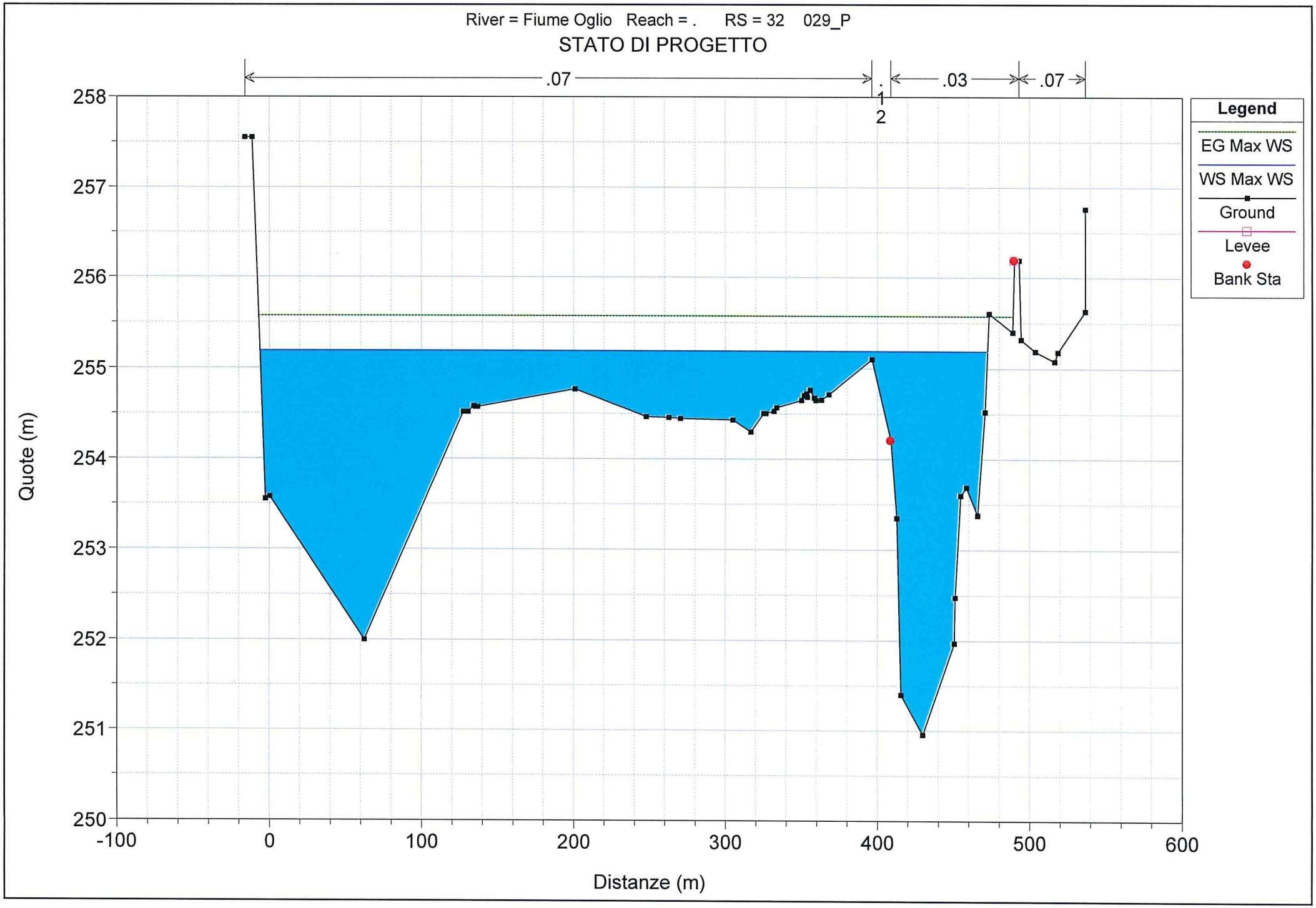

River = Fiume Oglio Reach = . RS = 35 030_B
STATO DI PROGETTO
.07
.12
.03
.07
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
259
258
257
256
255
254
253
252
-100
0
100
200
300
400
500
600
Distanze (m)

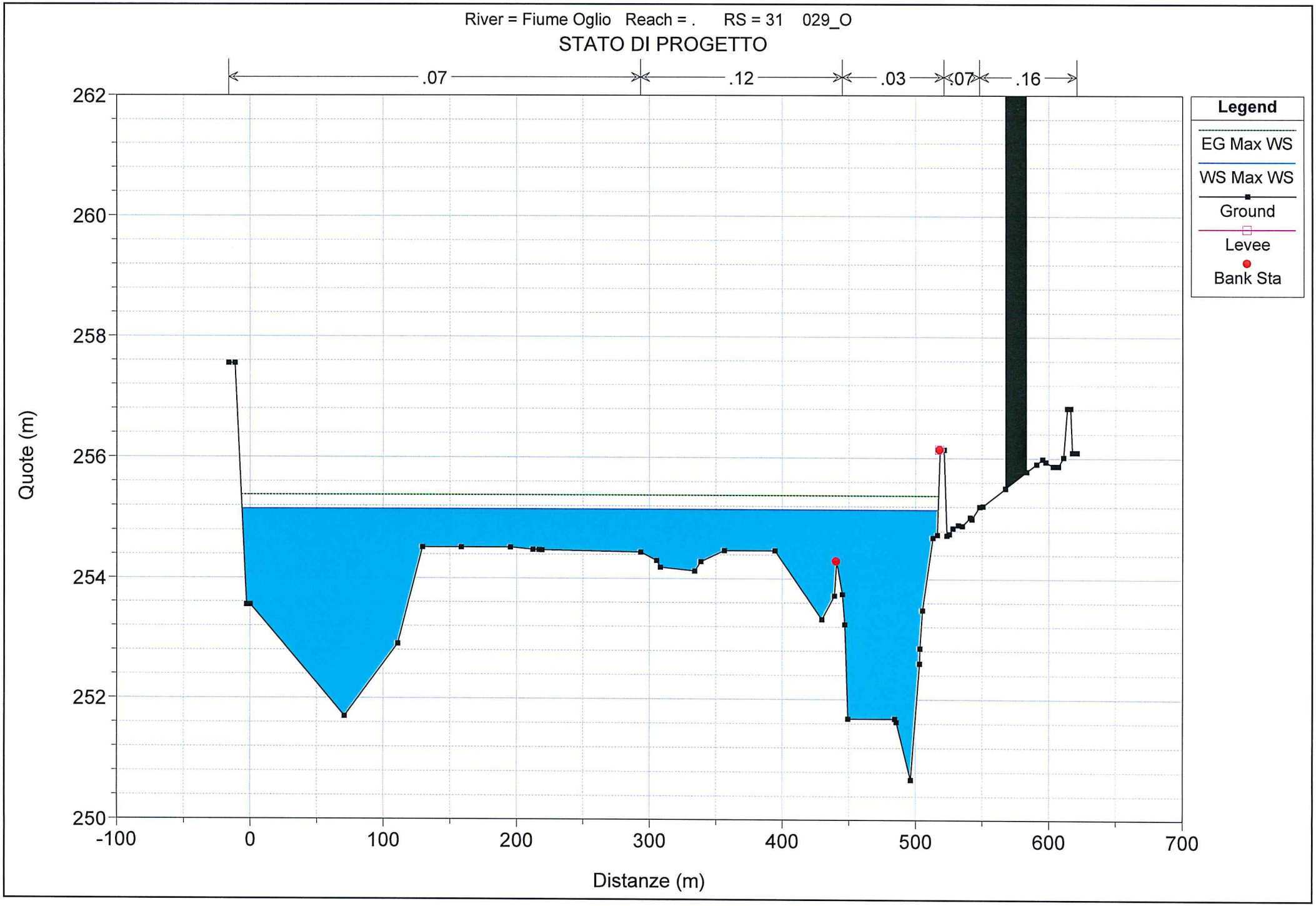
River = Fiume Oglio Reach = . RS = 34 030_A

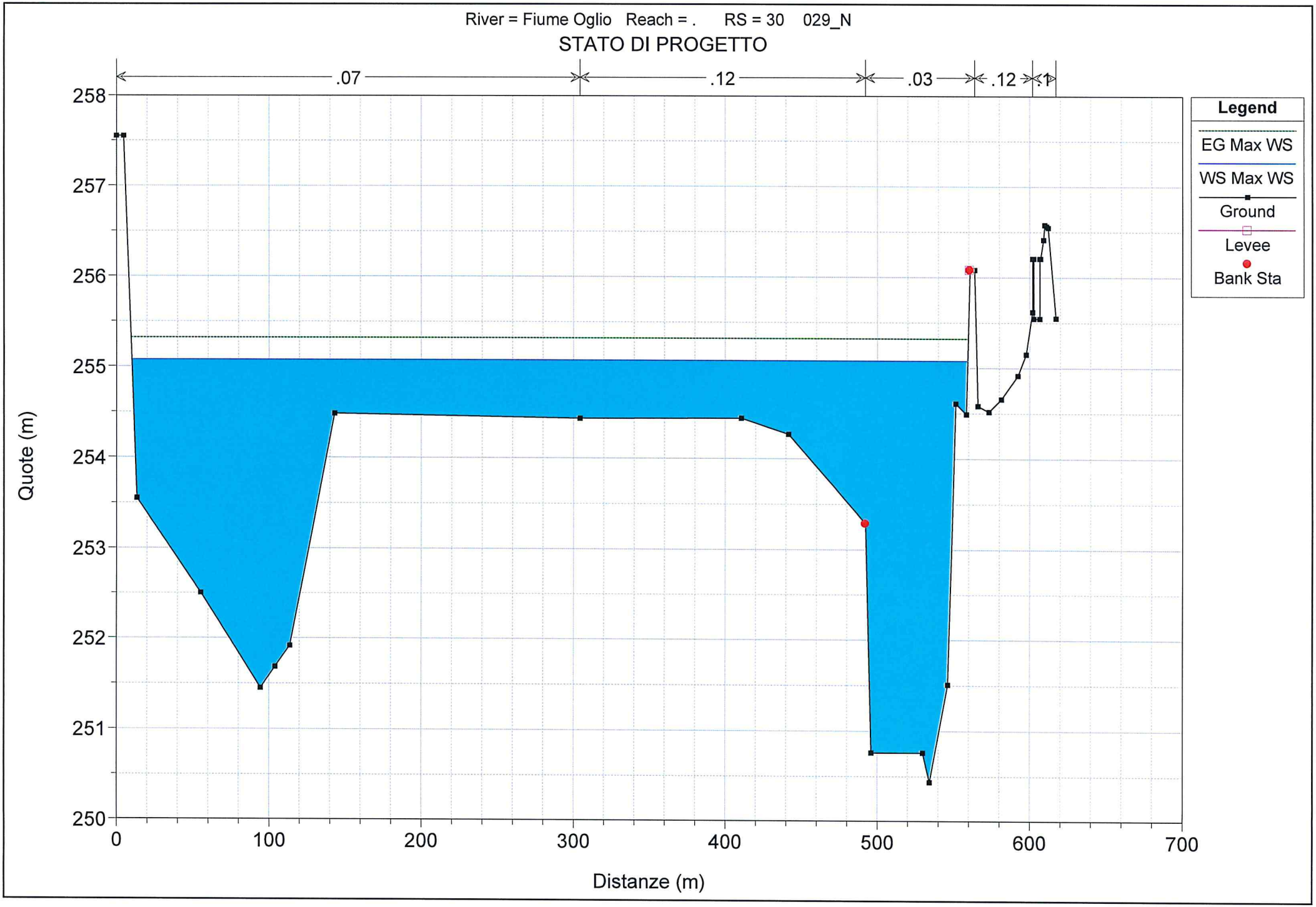
STATO DI PROGETTO

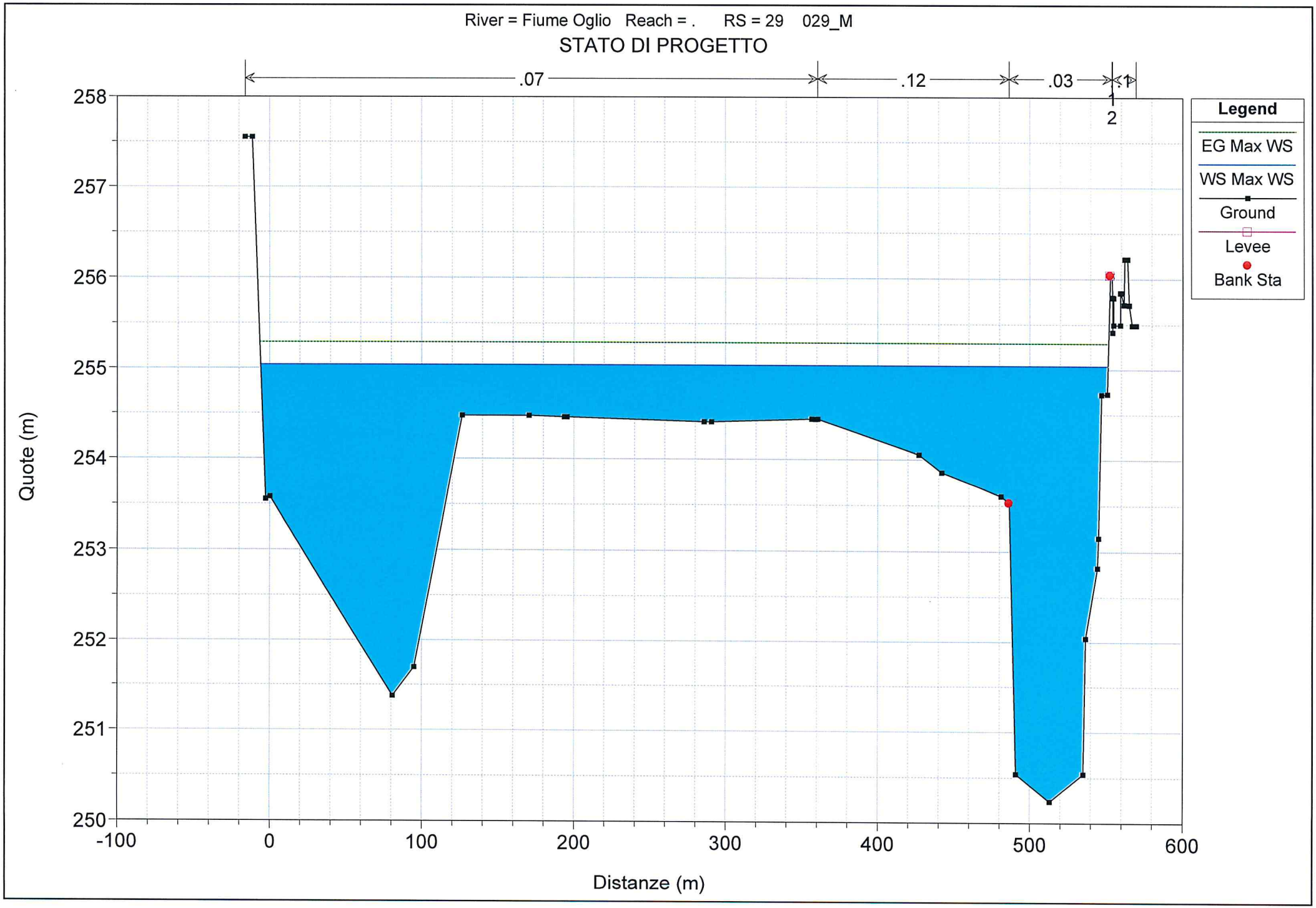



River = Fiume Oglio Reach = . RS = 33 030
STATO DI PROGETTO
.07
.12
.03
.07
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
Distanze (m)
258
257
256
255
254
253
252
251
-100
0
100
200
300
400
500
600
700


River = Fiume Oglio Reach = . RS = 32 029_P
STATO DI PROGETTO
.07
.
.03
.07
1
2
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
Distanze (m)
258
257
256
255
254
253
252
251
250
-100
0
100
200
300
400
500
600

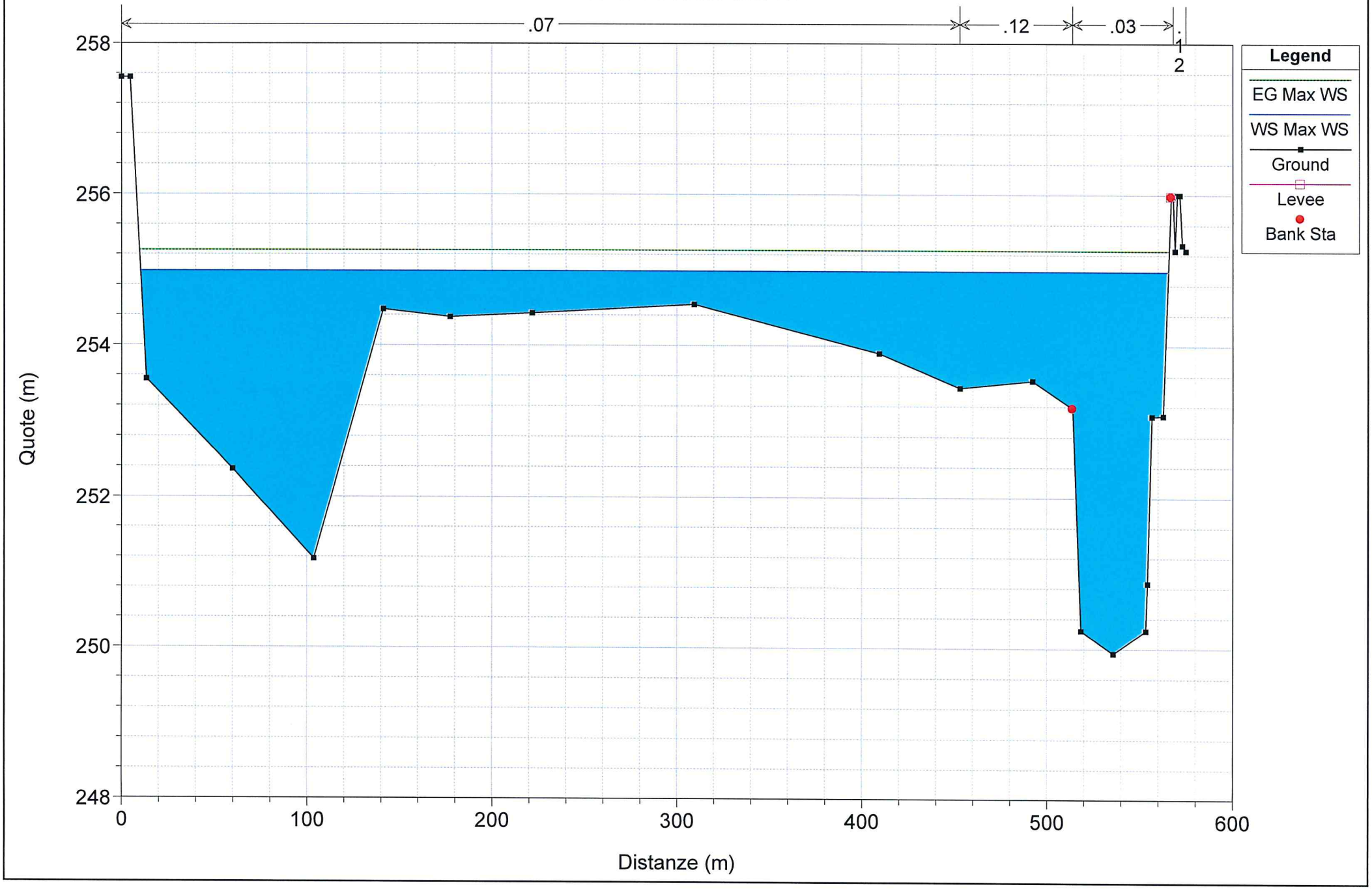

River = Fiume Oglio Reach = . RS = 31 029_O
STATO DI PROGETTO
.07
.12
.03
.07
.16
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
262
260
258
256
254
252
250
-100
0
100
200
300
400
500
600
700
Distanze (m)


River = Fiume Oglio Reach = . RS = 30 029_N
STATO DI PROGETTO
.07
.12
.03
.12
.1
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
Distanze (m)
258
257
256
255
254
253
252
251
250
0
100
200
300
400
500
600
700


River = Fiume Oglio Reach = . RS = 29 029_M
STATO DI PROGETTO
.07
.12
.03
.1
1
2
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
258
257
256
255
254
253
252
251
250
-100
0
100
200
300
400
500
600
Distanze (m)

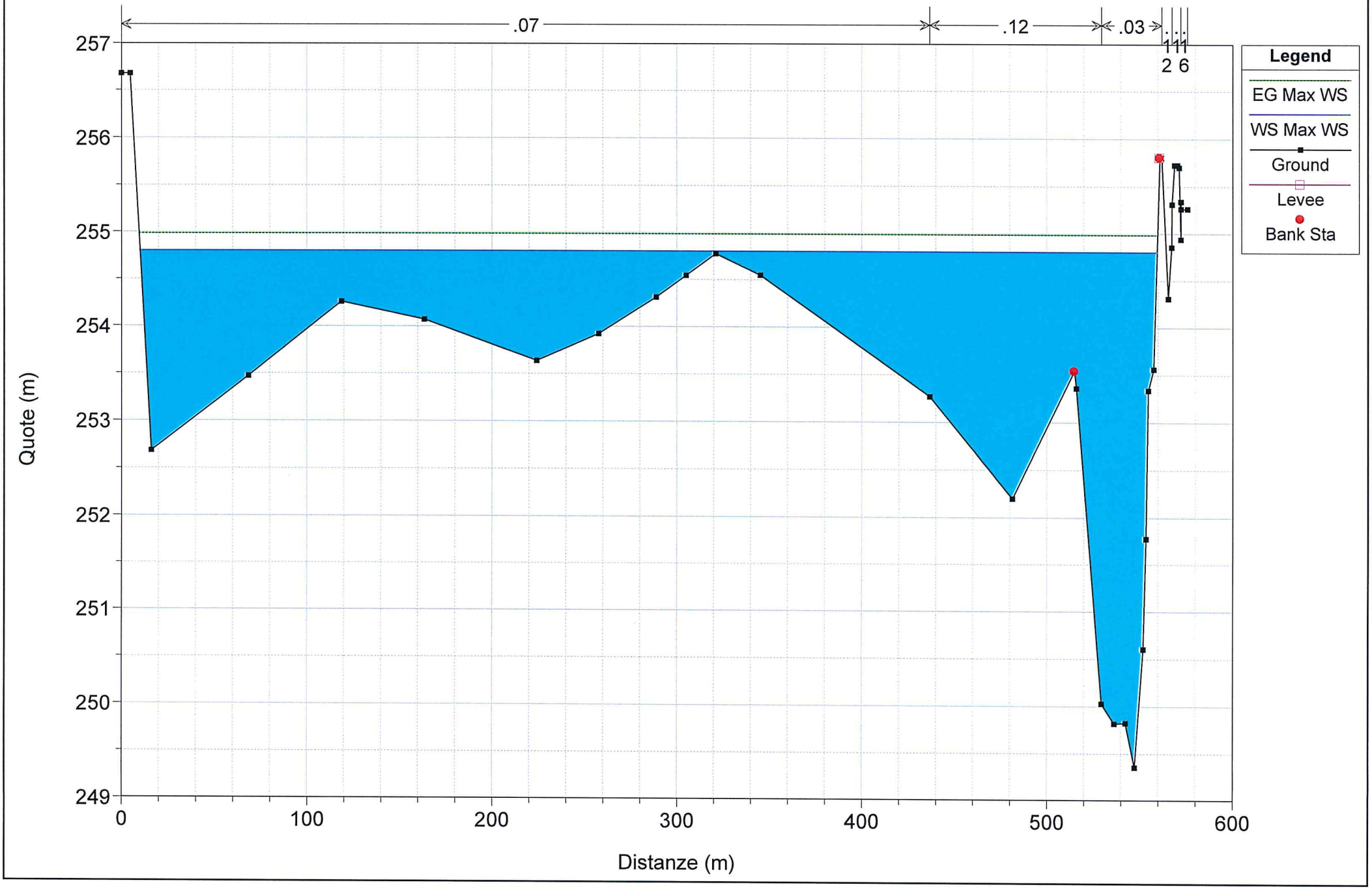
River = Fiume Oglio Reach = . RS = 28 029.01

STATO DI PROGETTO



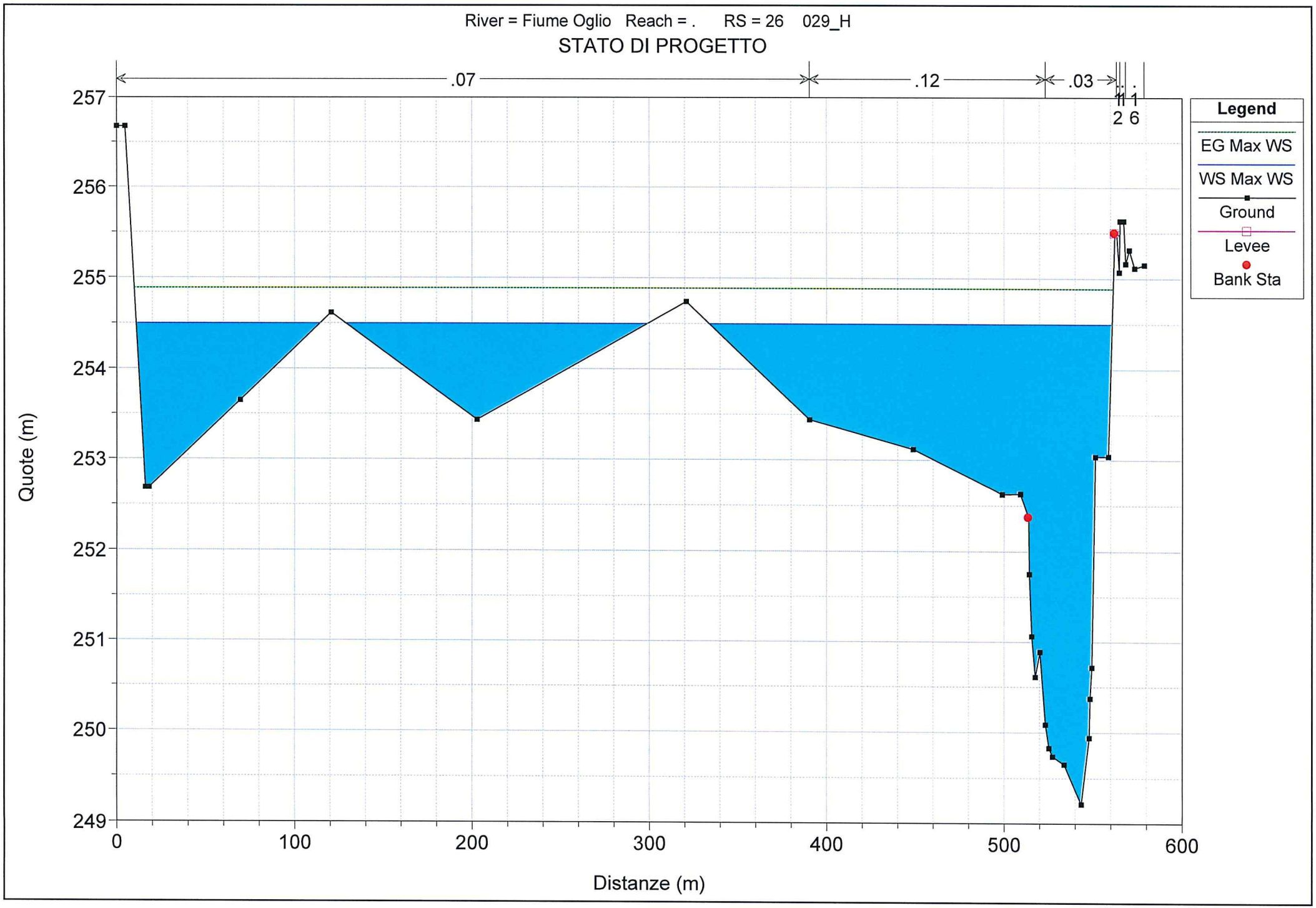
River = Fiume Oglio Reach = . RS = 27 029_I

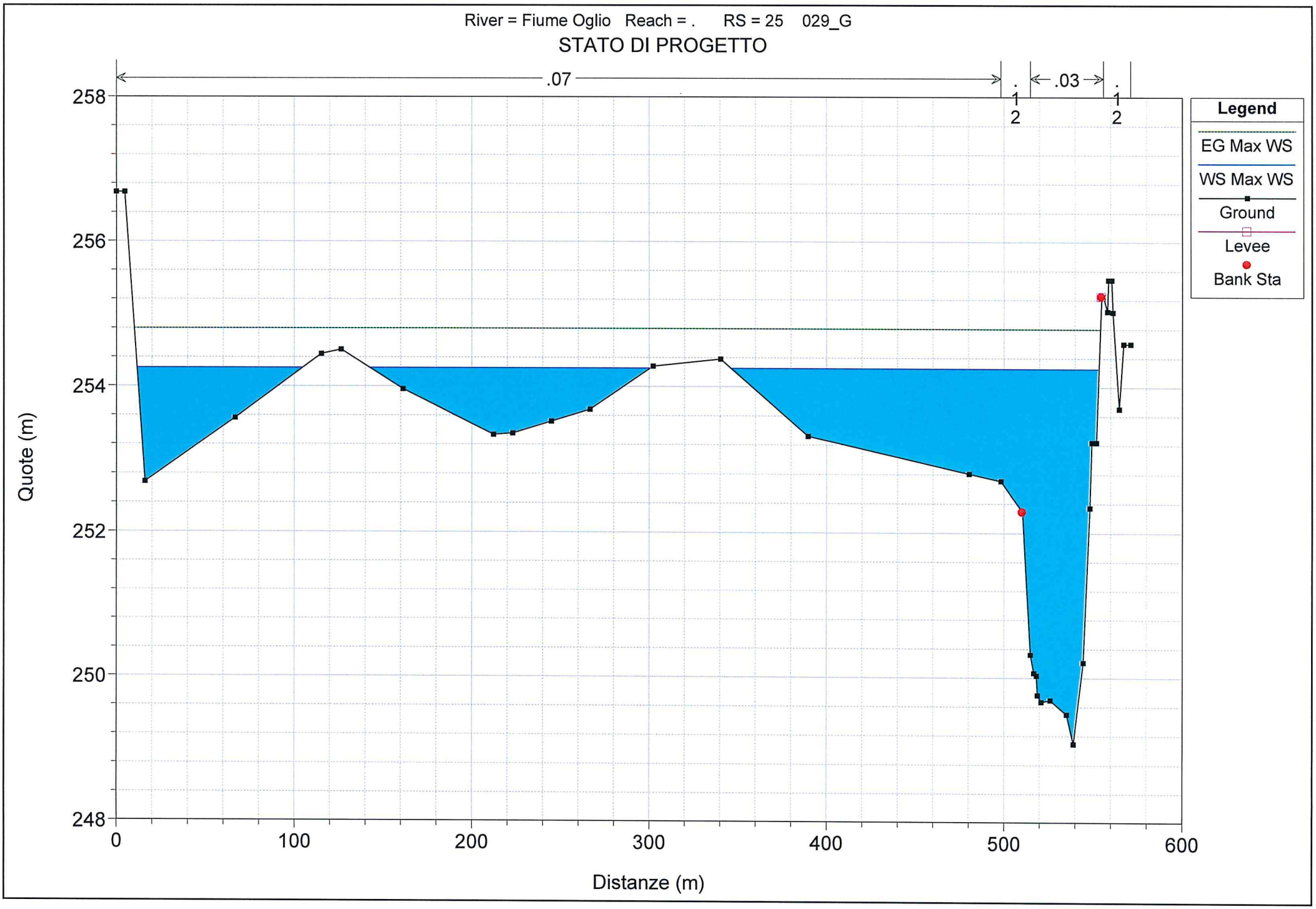
STATO DI PROGETTO

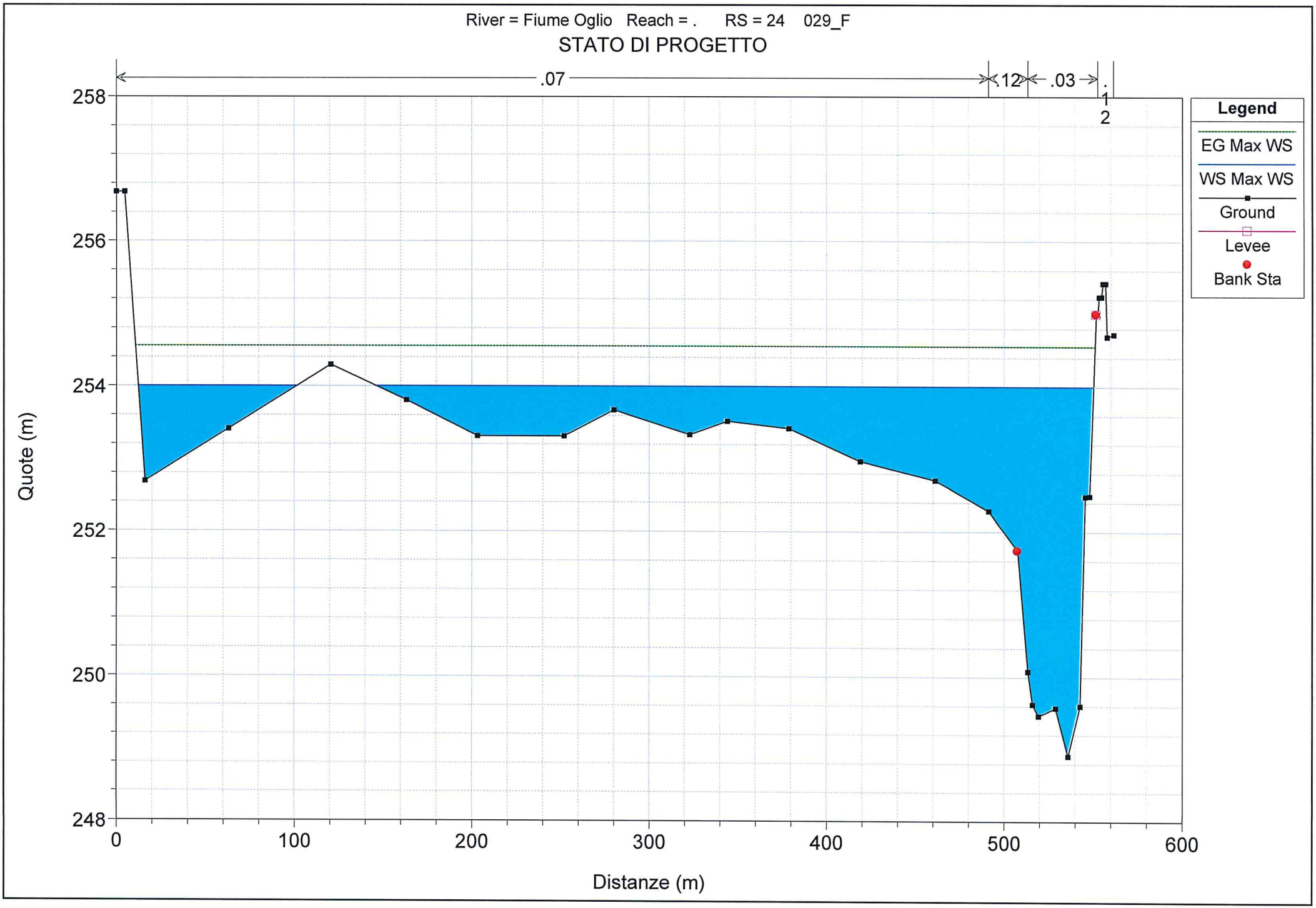


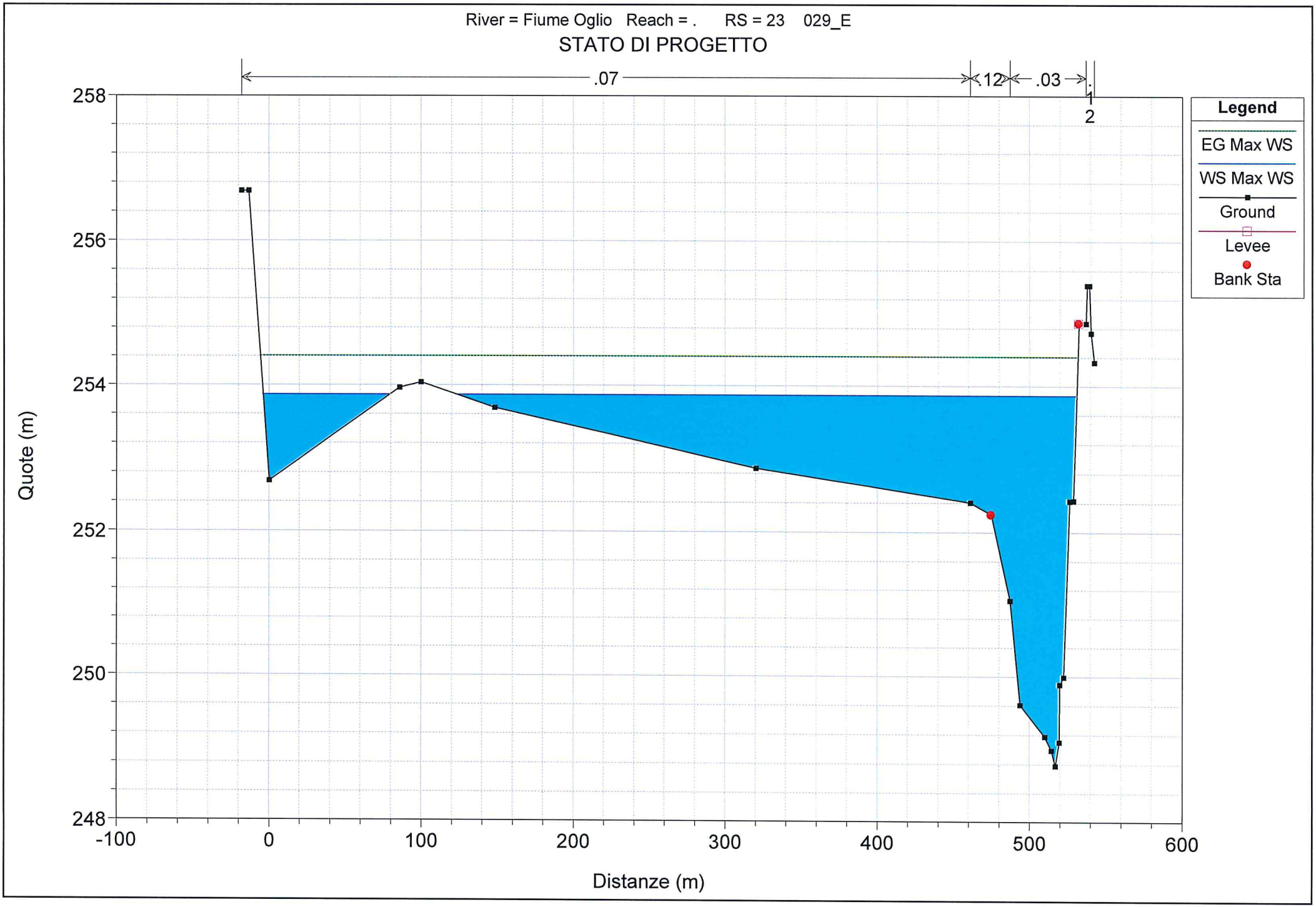
River = Fiume Oglio Reach = . RS = 26 029_H

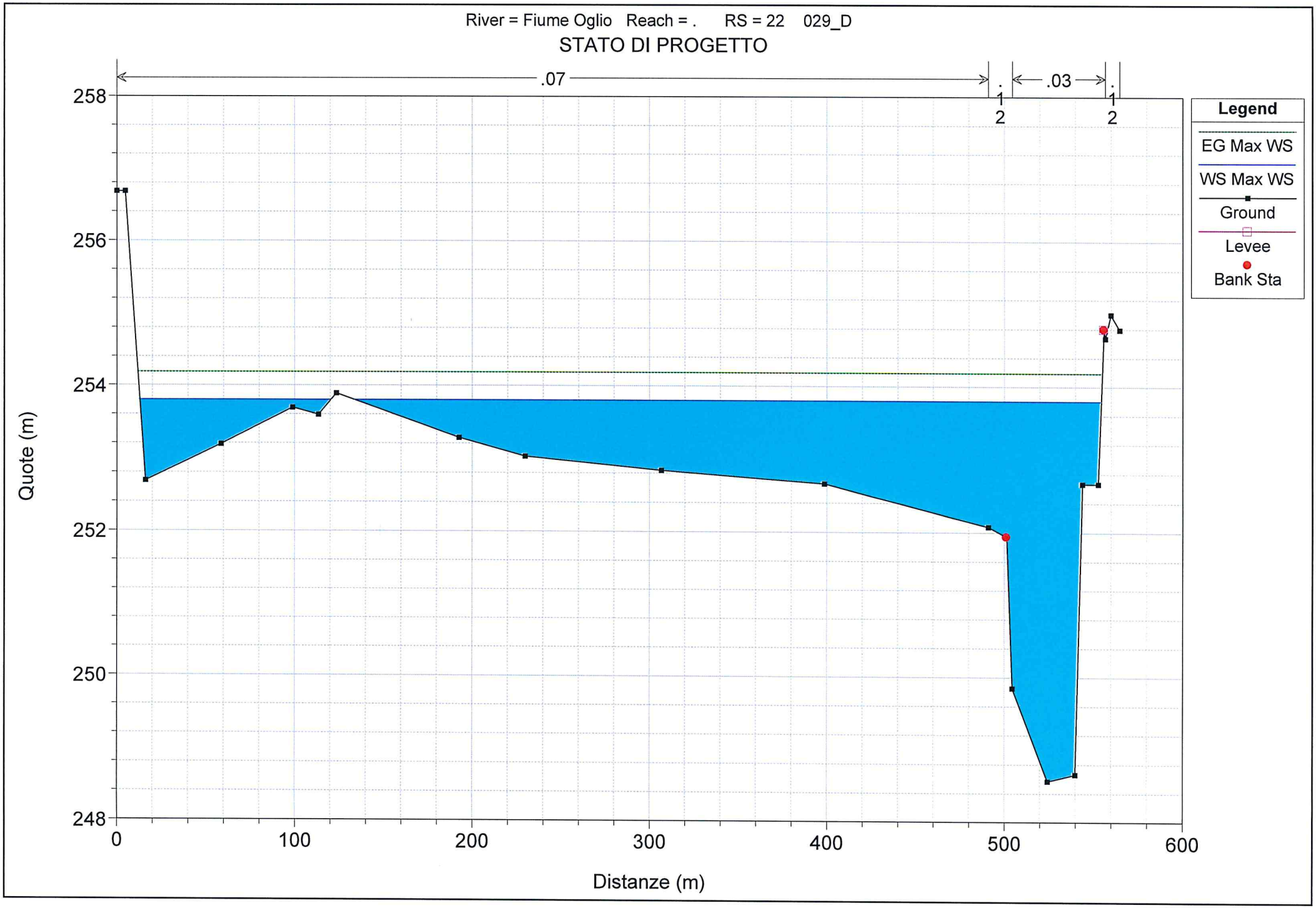
STATO DI PROGETTO

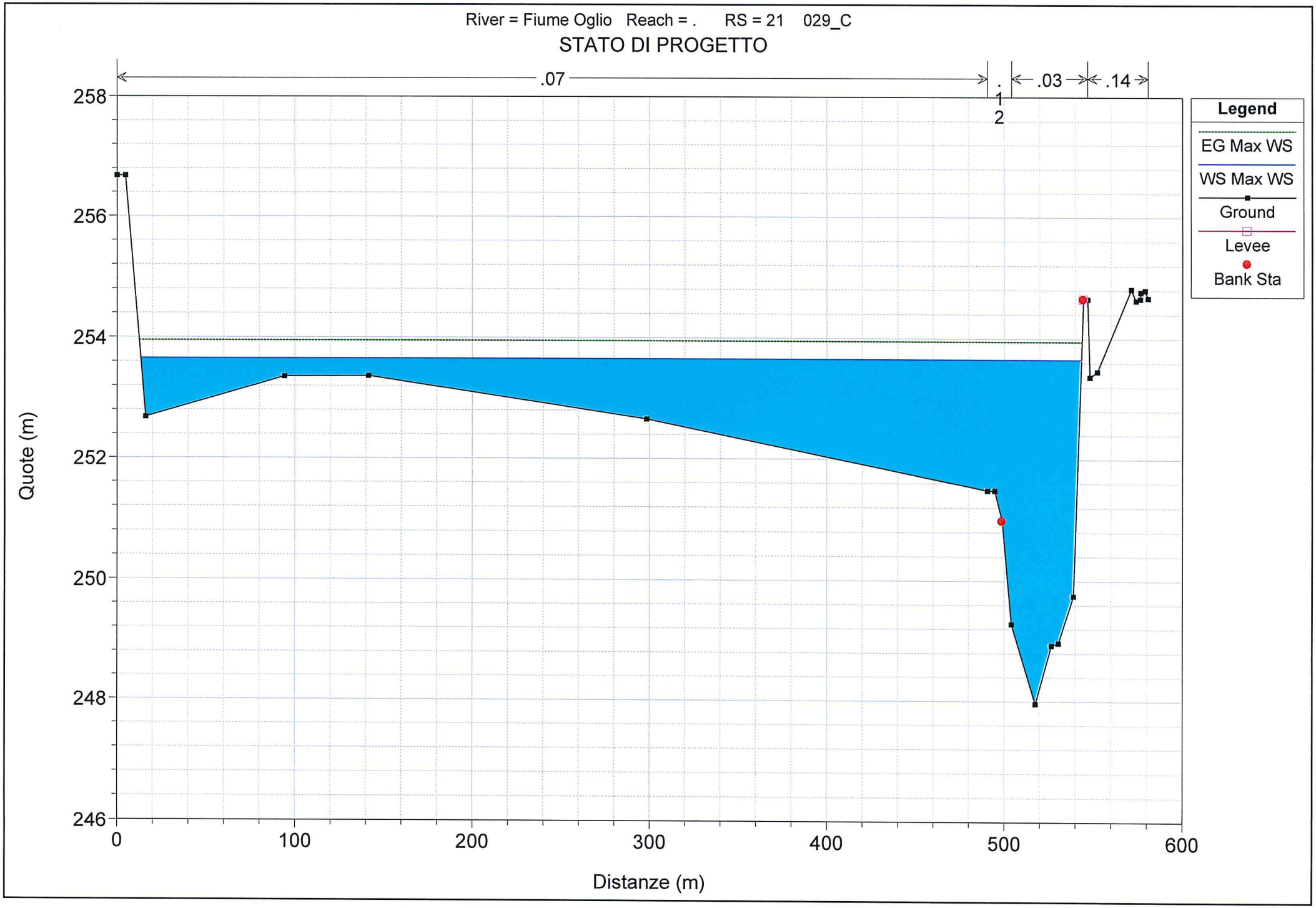


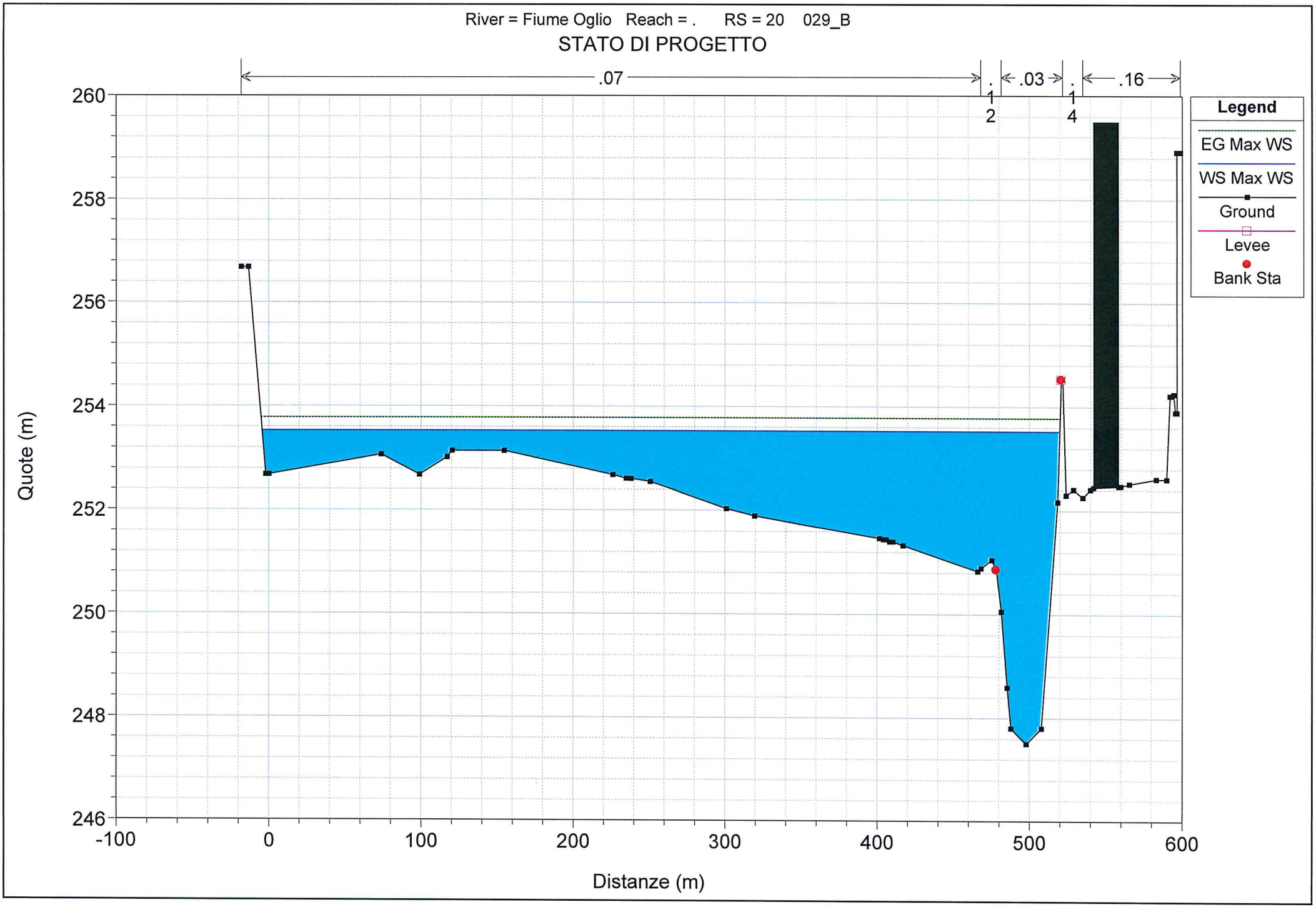

River = Fiume Oglio Reach = . RS = 25 029_G
STATO DI PROGETTO
.07
.03
.1
.1
2
2
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
258
256
254
252
250
248
0
100
200
300
400
500
600
Distanze (m)


River = Fiume Oglio Reach = . RS = 24 029_F
STATO DI PROGETTO
.07
.12
.03
.1
.2
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
258
256
254
252
250
248
0
100
200
300
400
500
600
Distanze (m)


River = Fiume Oglio Reach = . RS = 23 029_E
STATO DI PROGETTO
.07
.12
.03
.1
2
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
258
256
254
252
250
248
-100
0
100
200
300
400
500
600
Distanze (m)

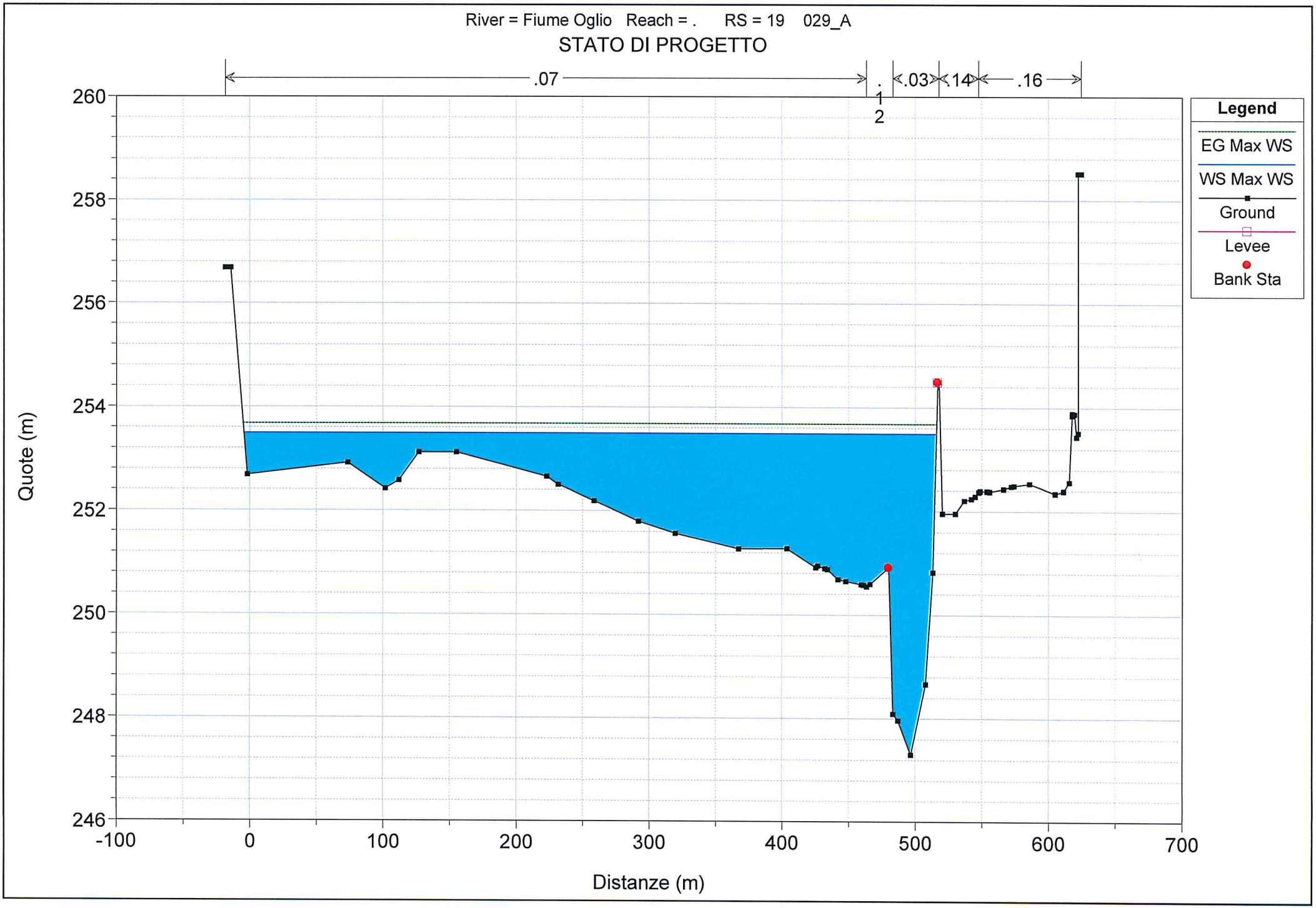

River = Fiume Oglio Reach = . RS = 22 029_D
STATO DI PROGETTO
.07
.03
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
Distanze (m)
258
256
254
252
250
248
0
100
200
300
400
500
600

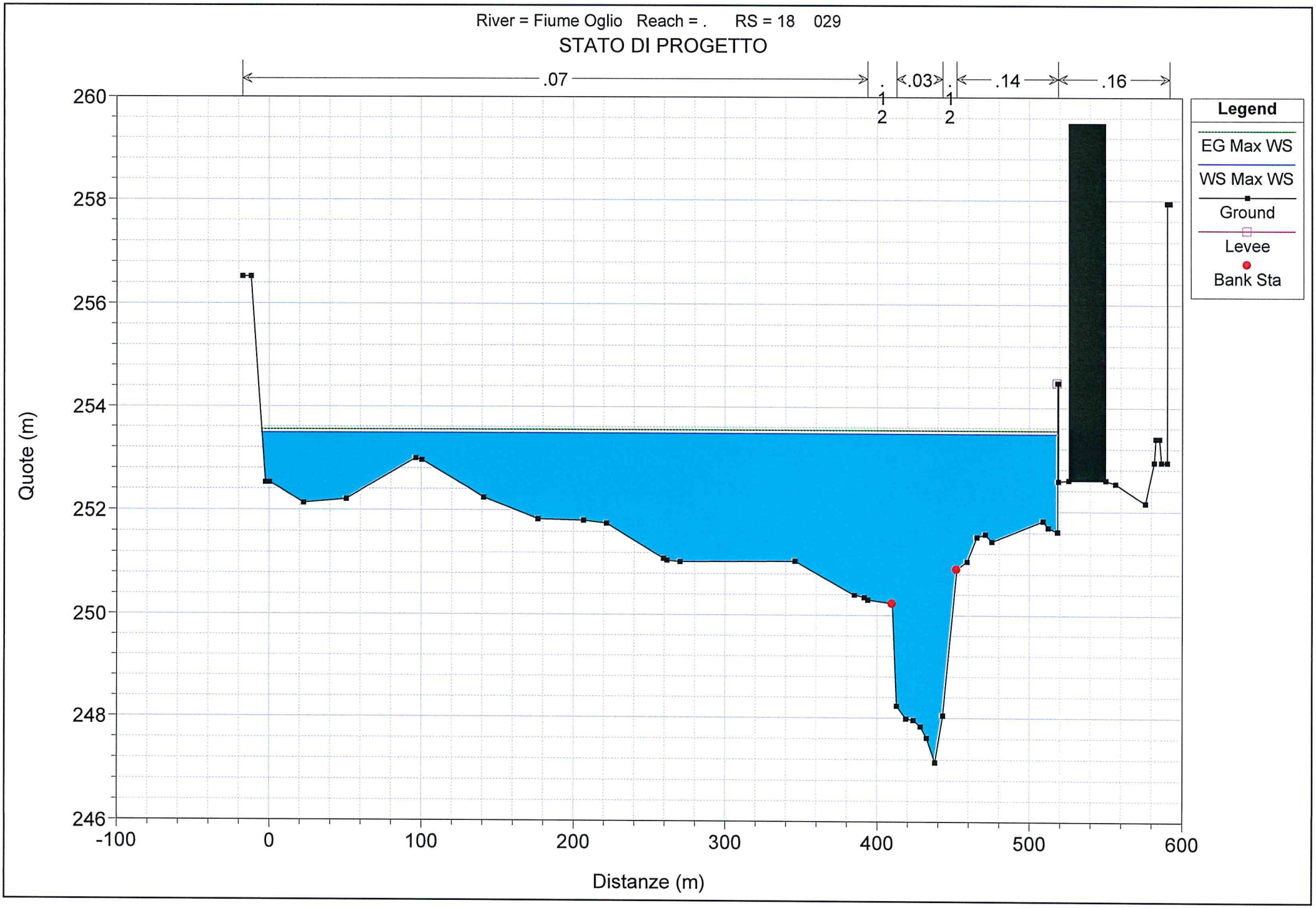

River = Fiume Oglio Reach = . RS = 21 029_C
STATO DI PROGETTO
.07
.
1
2
.03
.14
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
258
256
254
252
250
248
246
0
100
200
300
400
500
600
Distanze (m)

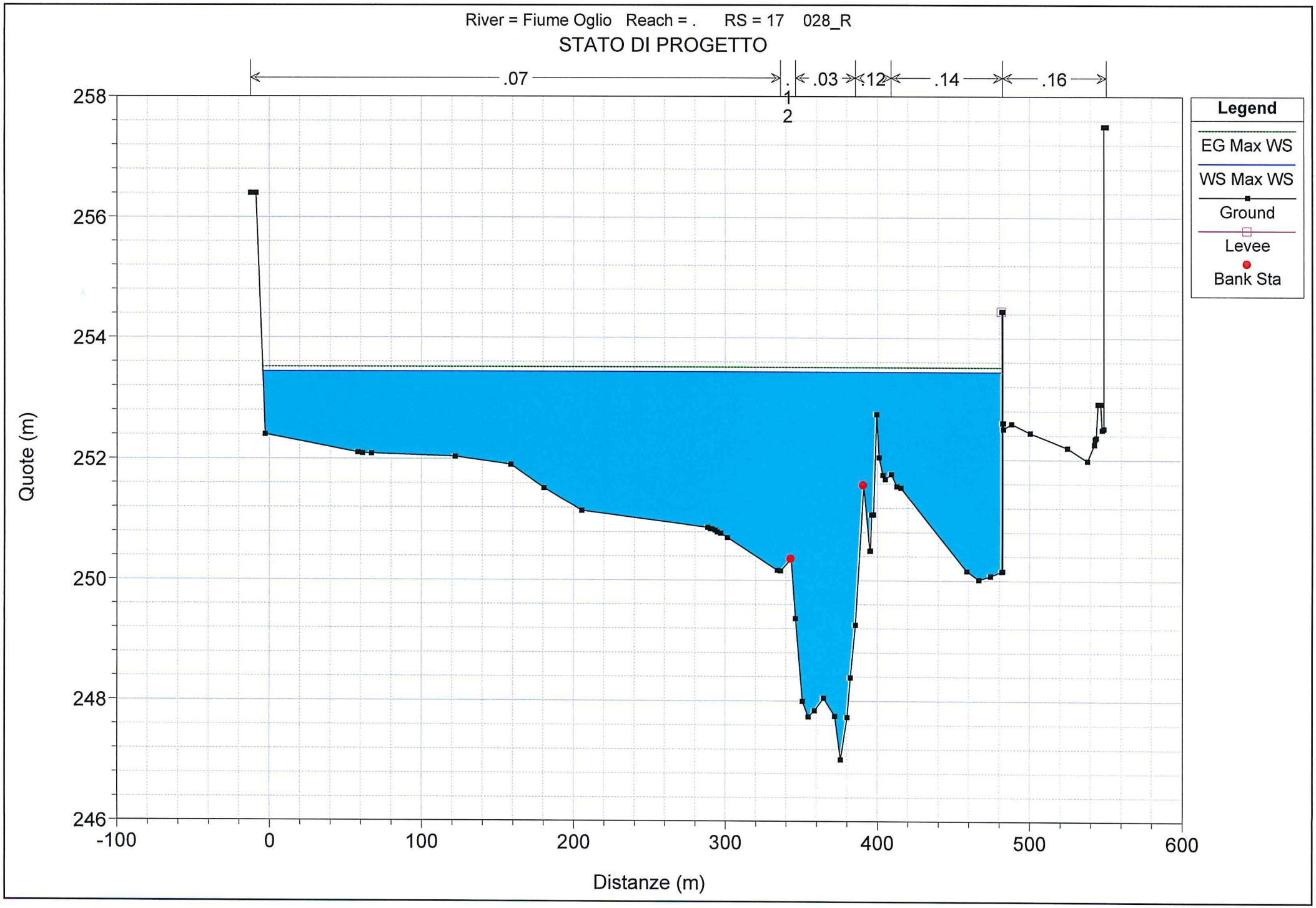

River = Fiume Oglio Reach = . RS = 20 029_B
STATO DI PROGETTO
.07
.
1
2
.03
.
1
4
.16
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
260
258
256
254
252
250
248
246
-100
0
100
200
300
400
500
600
Distanze (m)

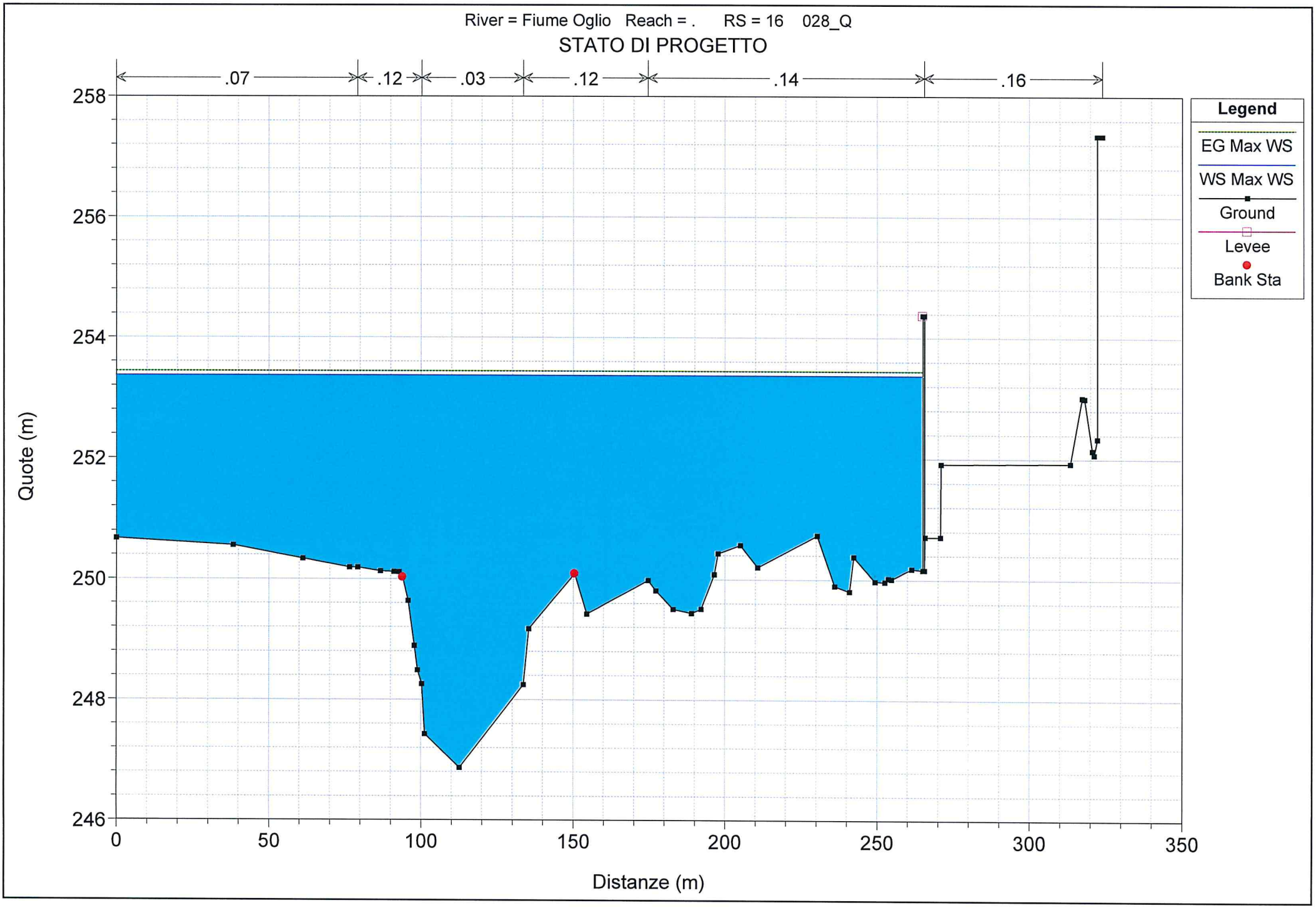
River = Fiume Oglio Reach = . RS = 19 029_A

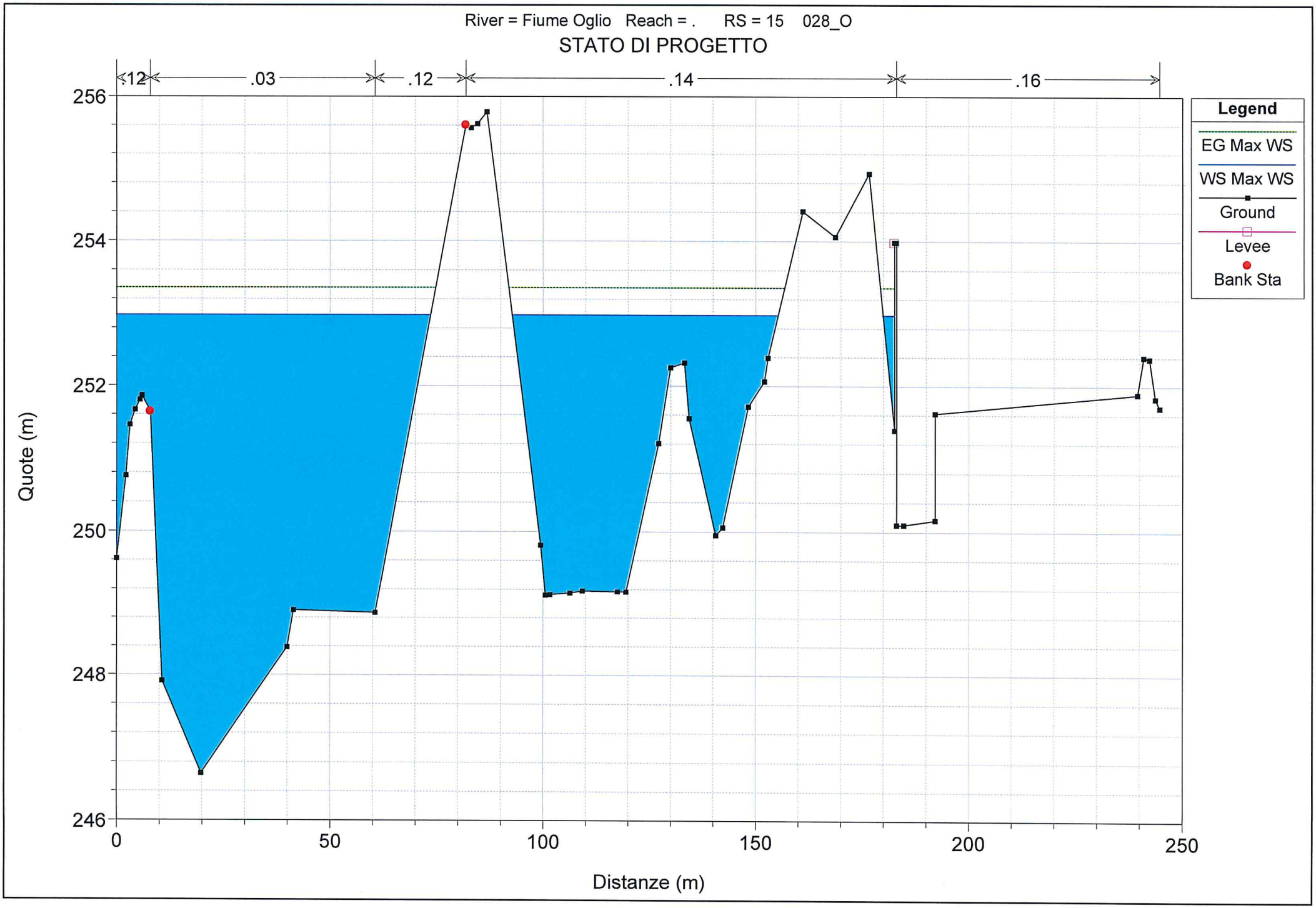
STATO DI PROGETTO




River = Fiume Oglio Reach = . RS = 18 029
STATO DI PROGETTO
.07
.
1
2
.03
.
1
2
.14
.16
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
260
258
256
254
252
250
248
246
-100
0
100
200
300
400
500
600
Distanze (m)

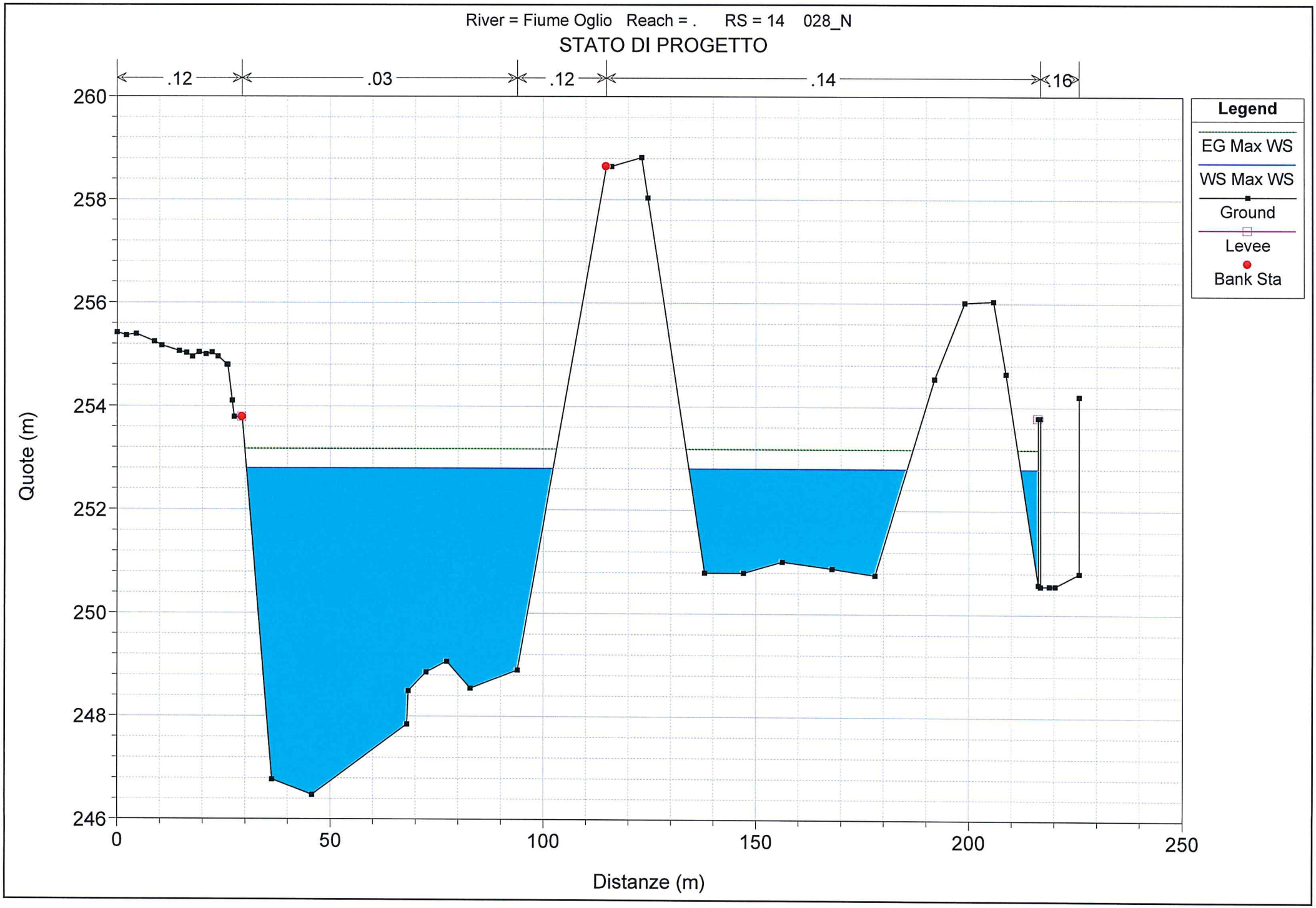

River = Fiume Oglio Reach = . RS = 17 028_R
STATO DI PROGETTO
.07
.
.03
.12
.14
.16
1
2
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
258
256
254
252
250
248
246
-100
0
100
200
300
400
500
600
Distanze (m)


River = Fiume Oglio Reach = . RS = 16 028_Q
STATO DI PROGETTO
.07
.12
.03
.12
.14
.16
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
Distanze (m)
258
256
254
252
250
248
246
0
50
100
150
200
250
300
350


River = Fiume Oglio Reach = . RS = 15 028_O
STATO DI PROGETTO
.12
.03
.12
.14
.16
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
256
254
252
250
248
246
0
50
100
150
200
250
Distanze (m)

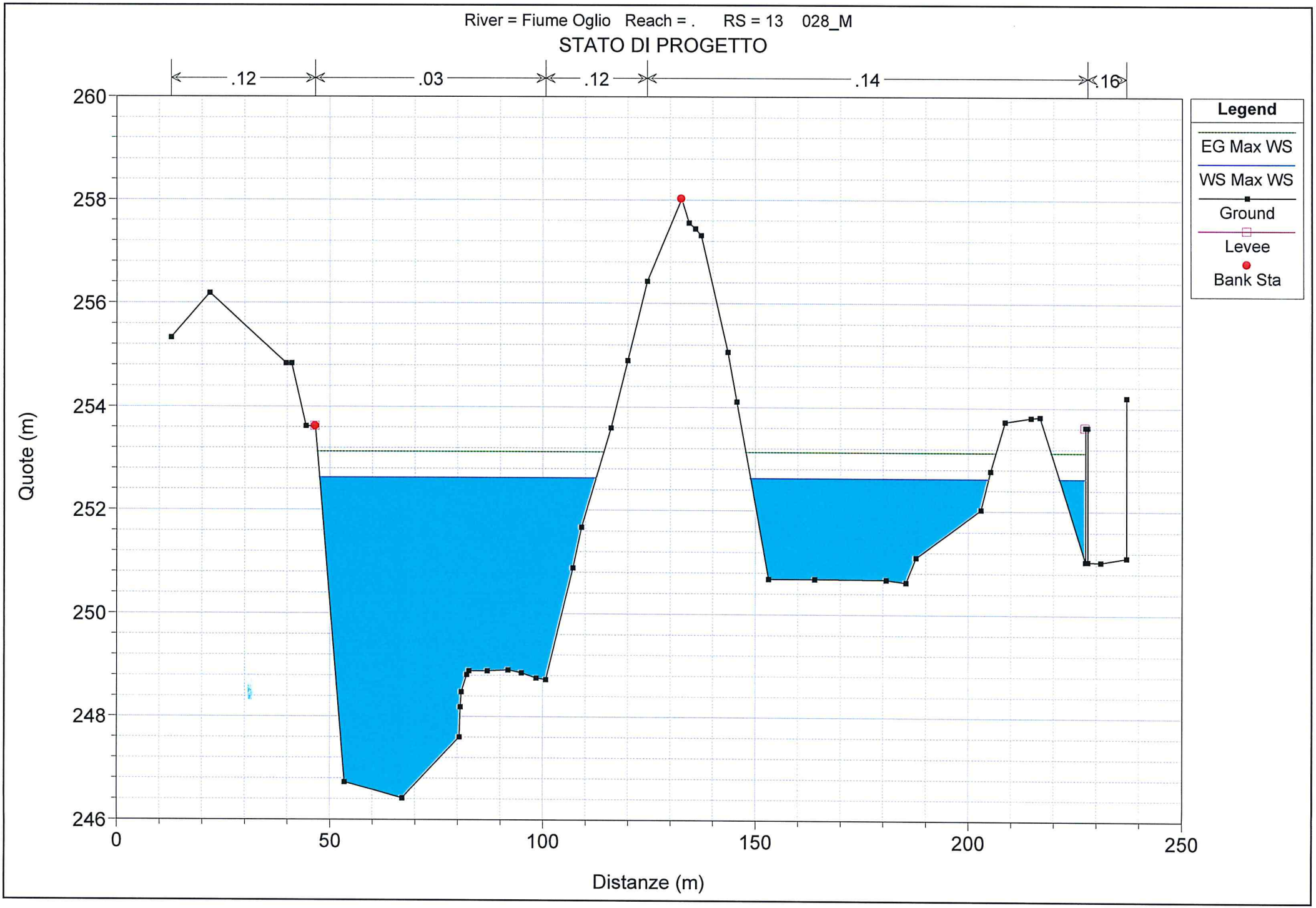
River = Fiume Oglio Reach = . RS = 14 028_N

STATO DI PROGETTO



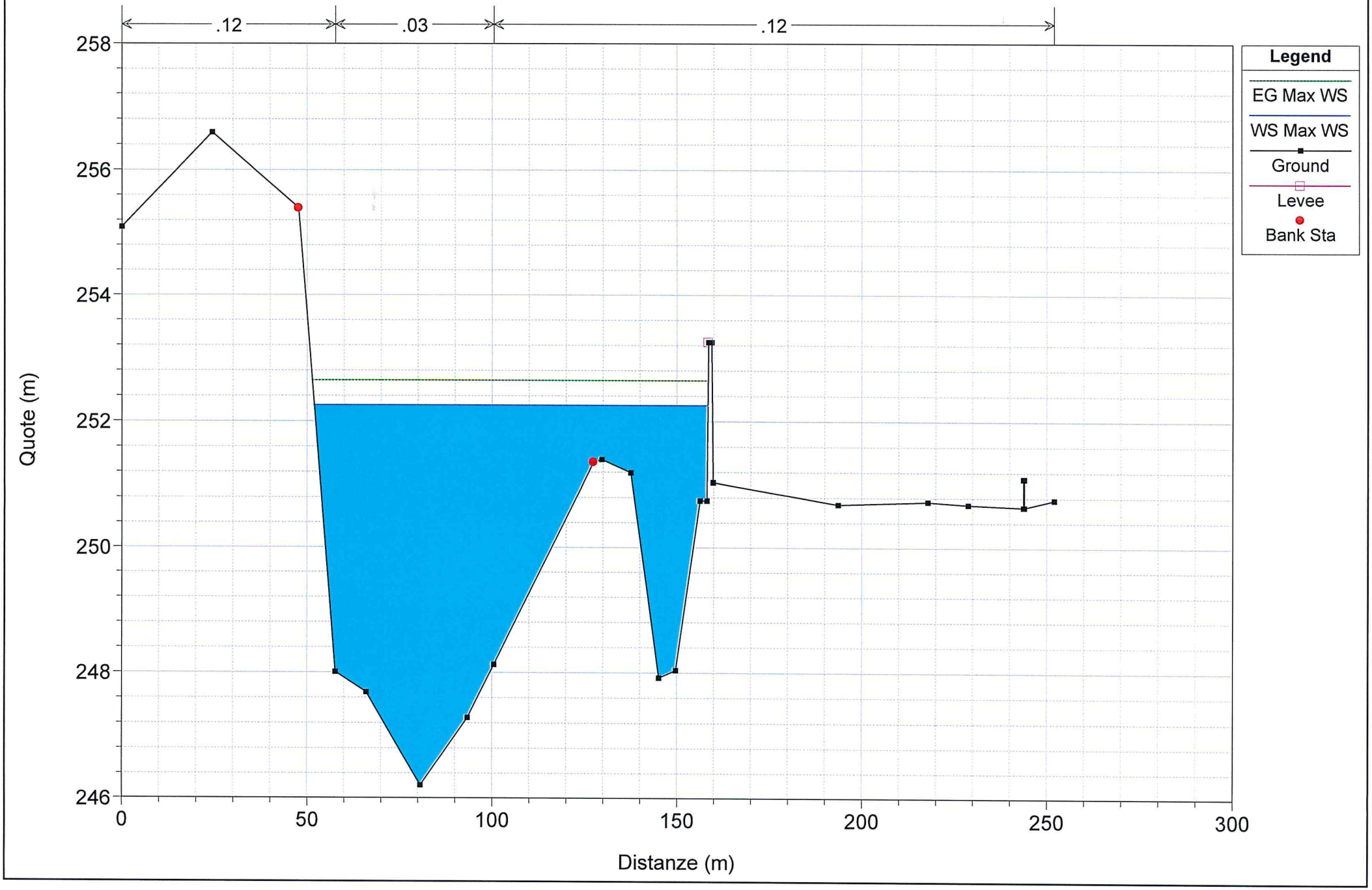
River = Fiume Oglio Reach = . RS = 13 028_M

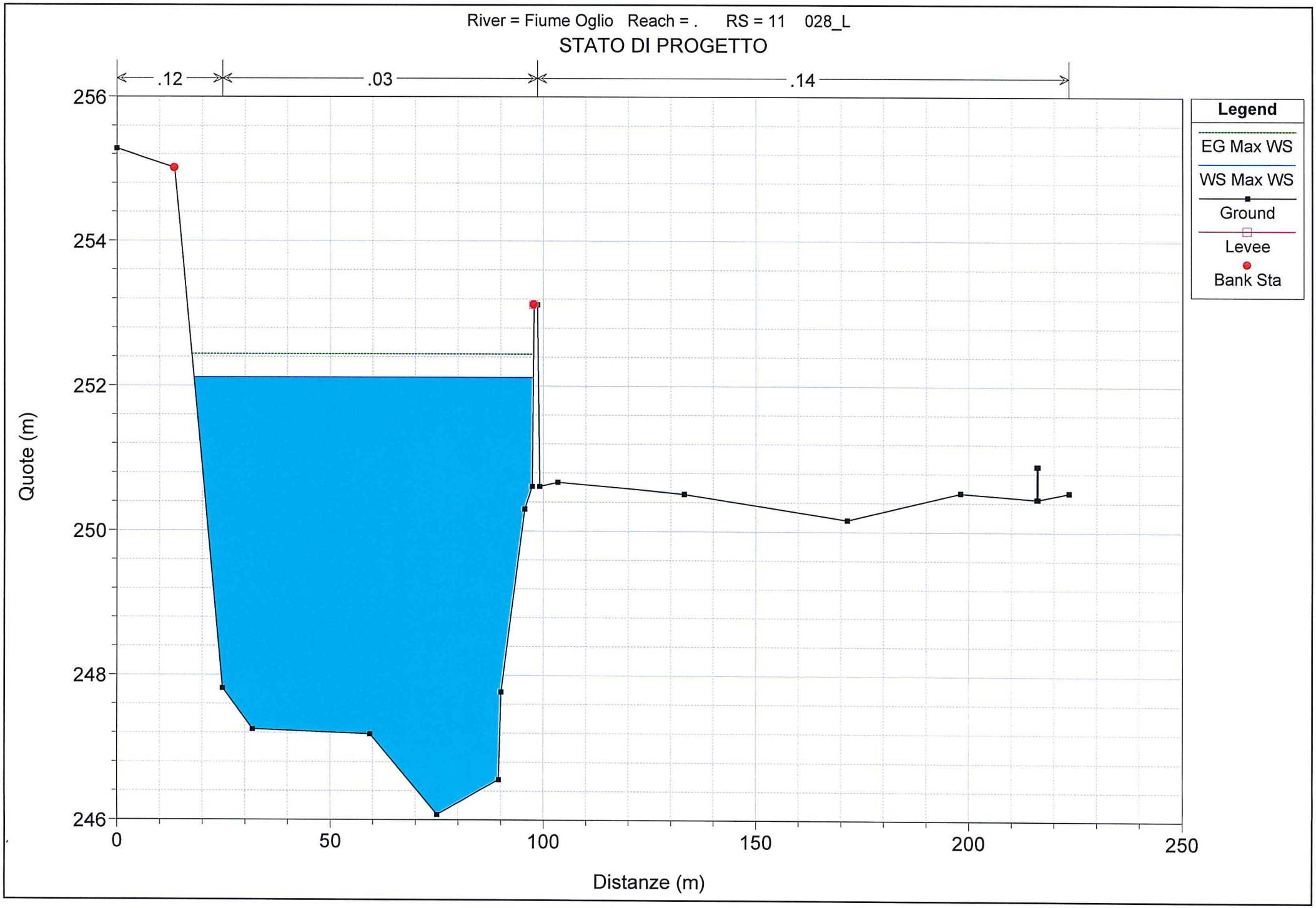
STATO DI PROGETTO

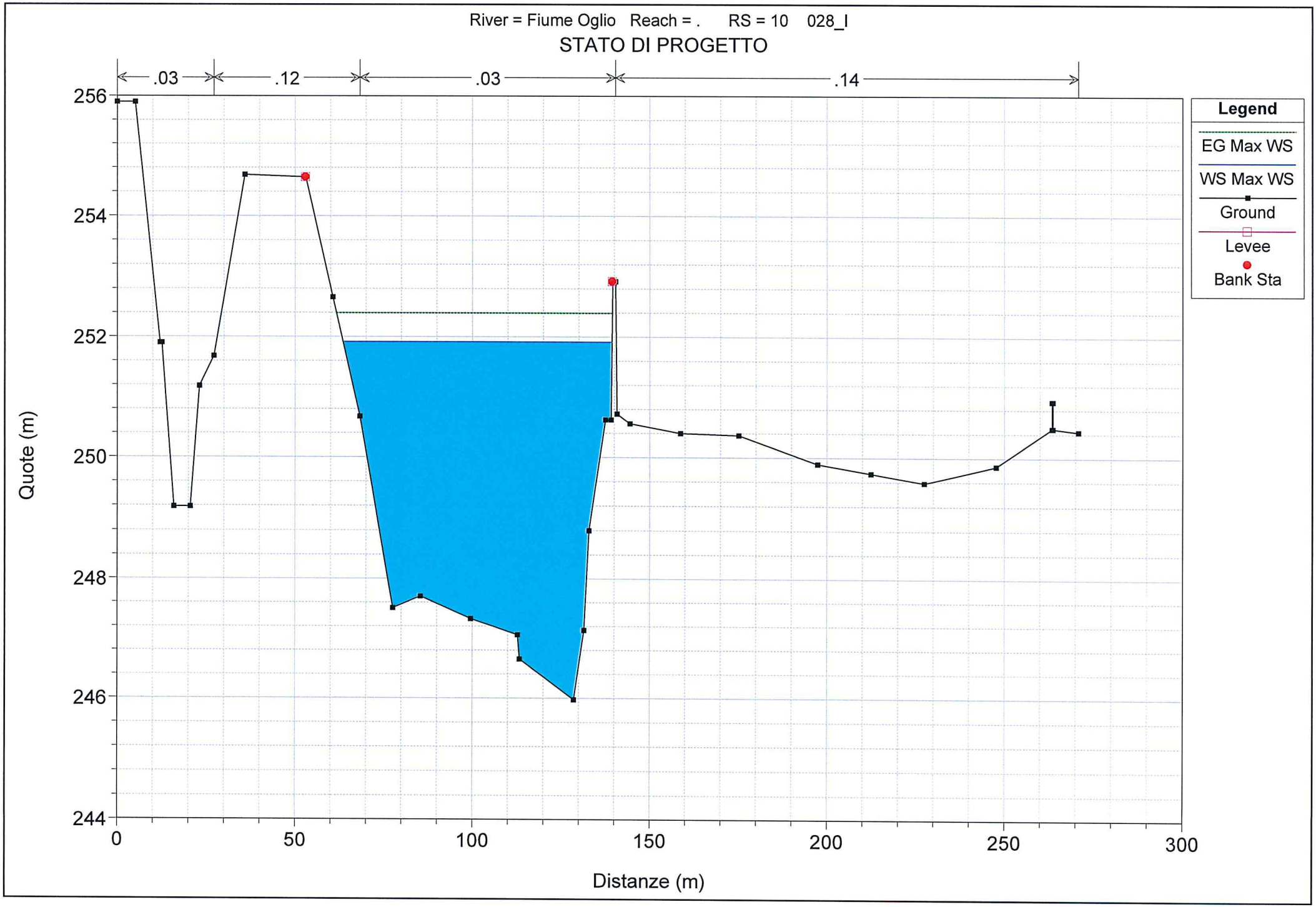


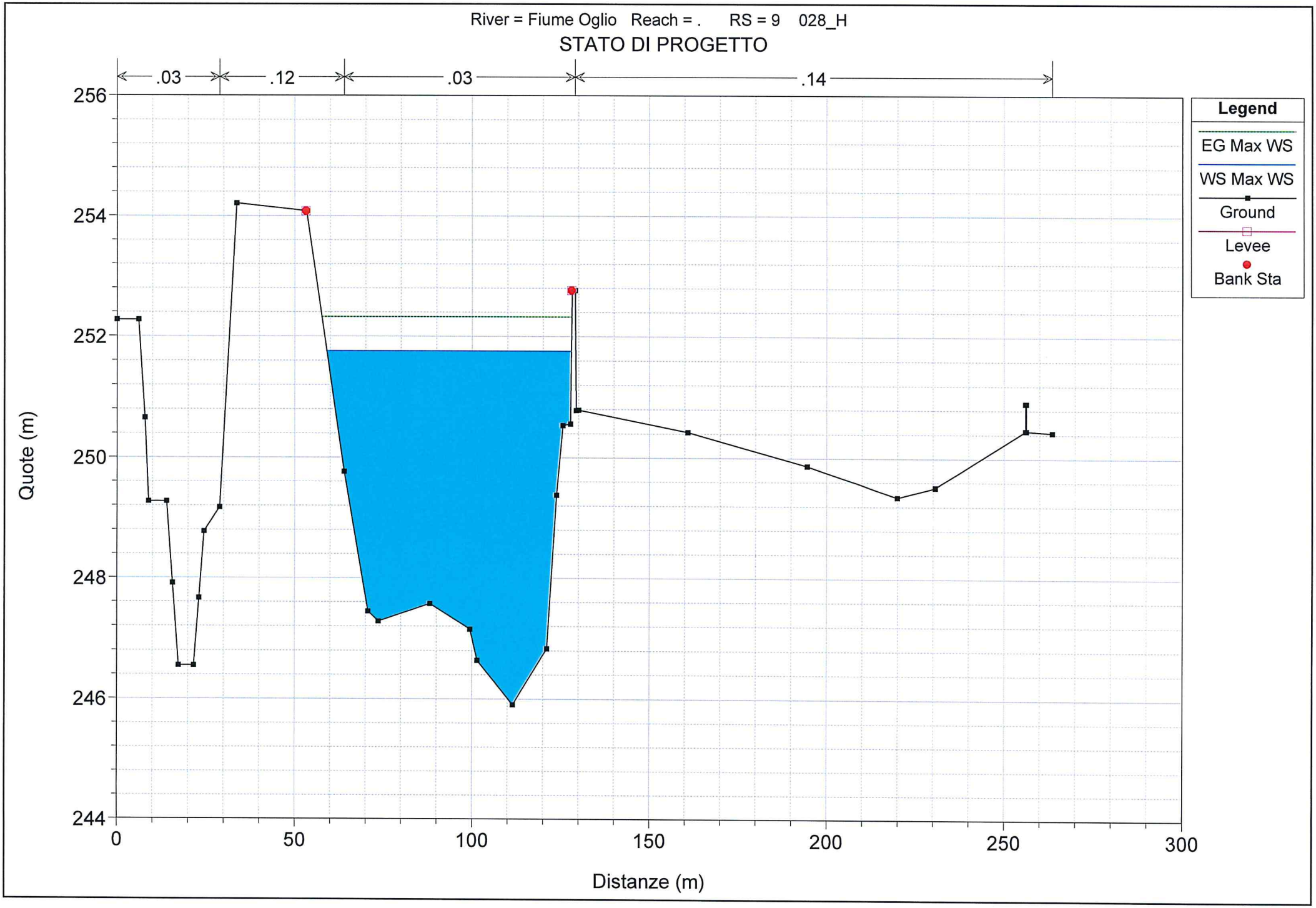
River = Fiume Oglio Reach = . RS = 12 028_01

STATO DI PROGETTO



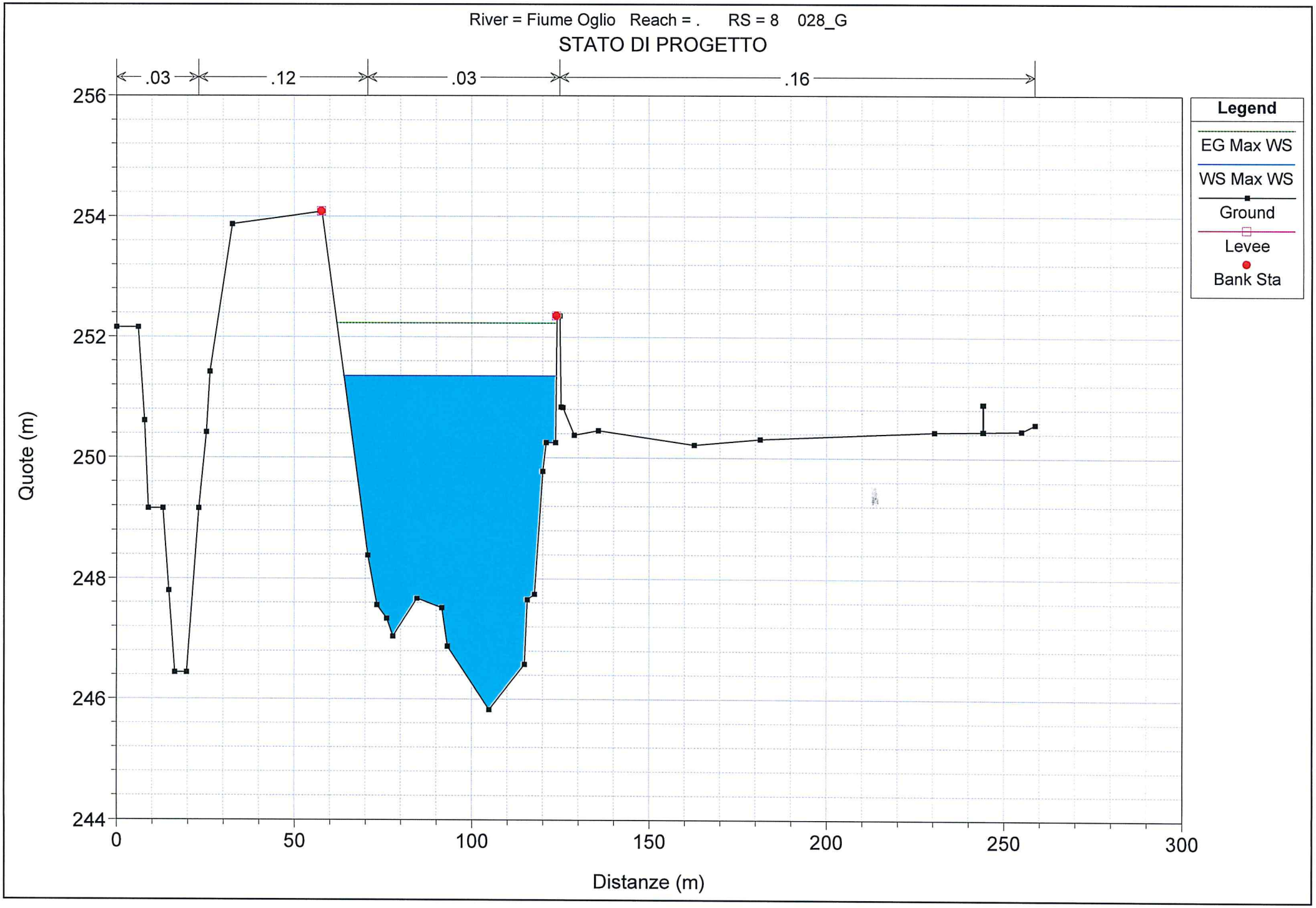

River = Fiume Oglio Reach = . RS = 11 028_L
STATO DI PROGETTO
.12
.03
.14
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
256
254
252
250
248
246
0
50
100
150
200
250
Distanze (m)


River = Fiume Oglio Reach = . RS = 10 028_I
STATO DI PROGETTO
.03
.12
.03
.14
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
256
254
252
250
248
246
244
0
50
100
150
200
250
300
Distanze (m)


River = Fiume Oglio Reach = . RS = 9 028_H
STATO DI PROGETTO
.03
.12
.03
.14
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
256
254
252
250
248
246
244
0
50
100
150
200
250
300
Distanze (m)

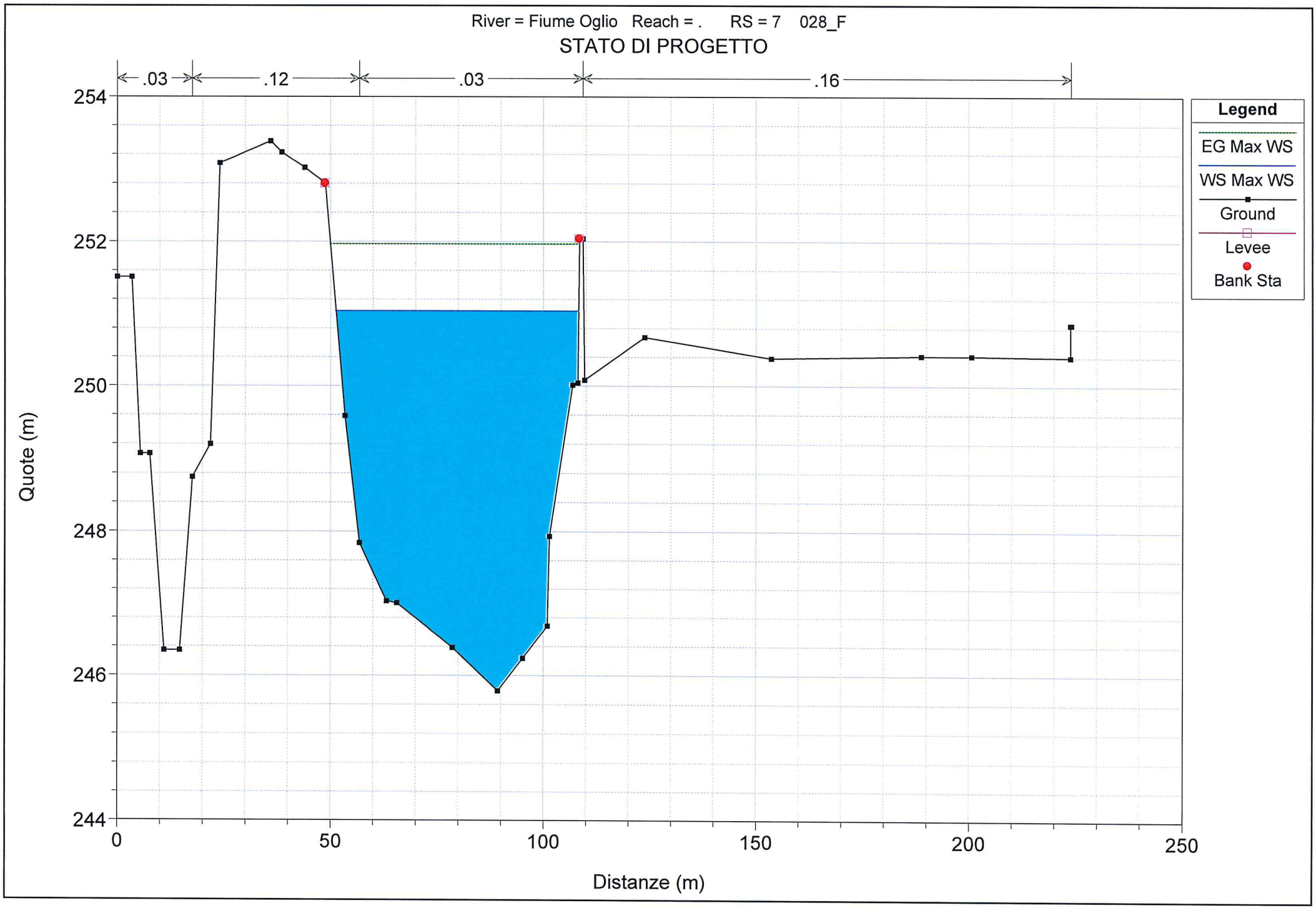
River = Fiume Oglio Reach = . RS = 8 028_G

STATO DI PROGETTO



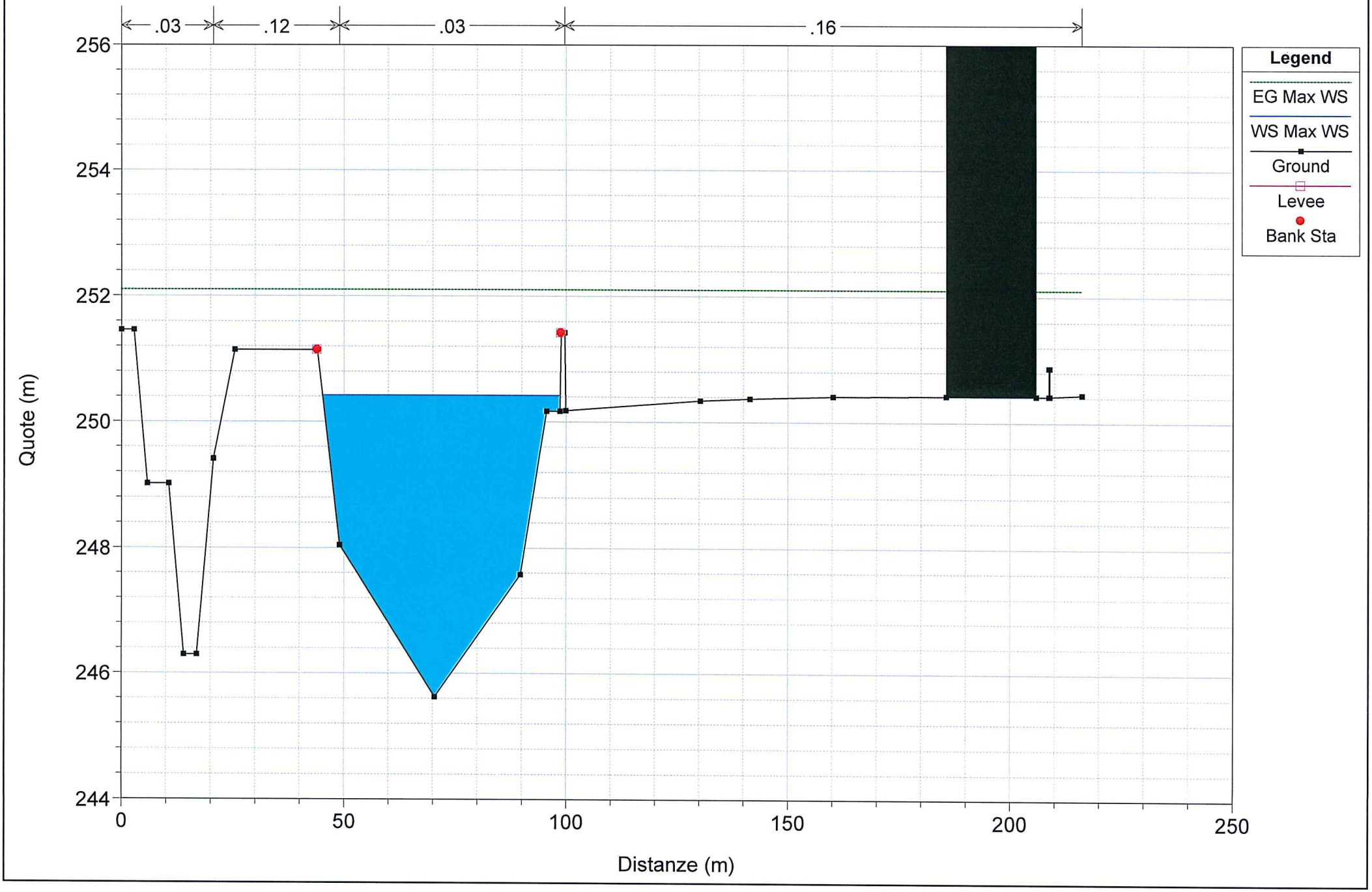
River = Fiume Oglio Reach = . RS = 7 028_F

STATO DI PROGETTO



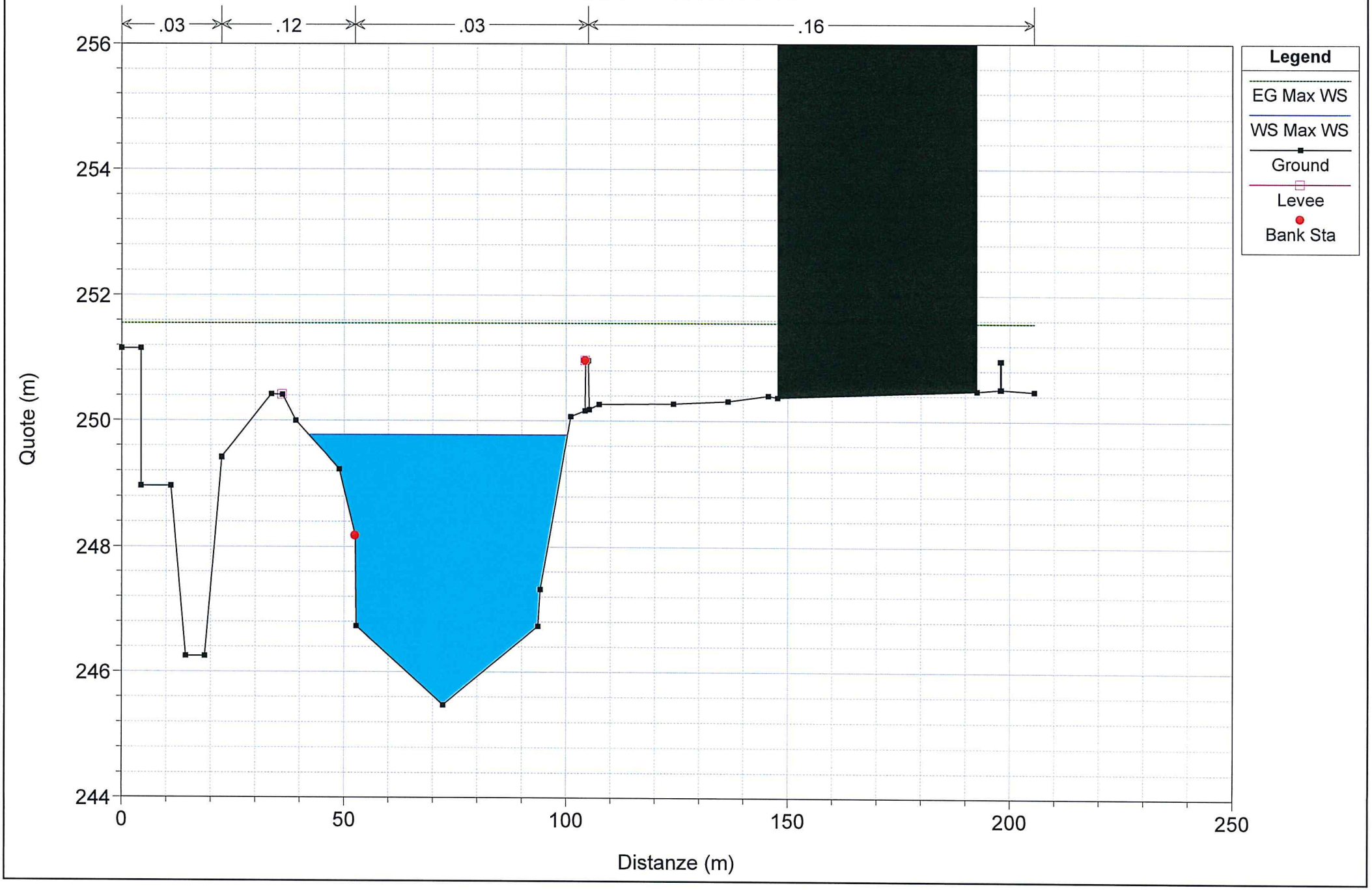
River = Fiume Oglio Reach = . RS = 6 028_E

STATO DI PROGETTO



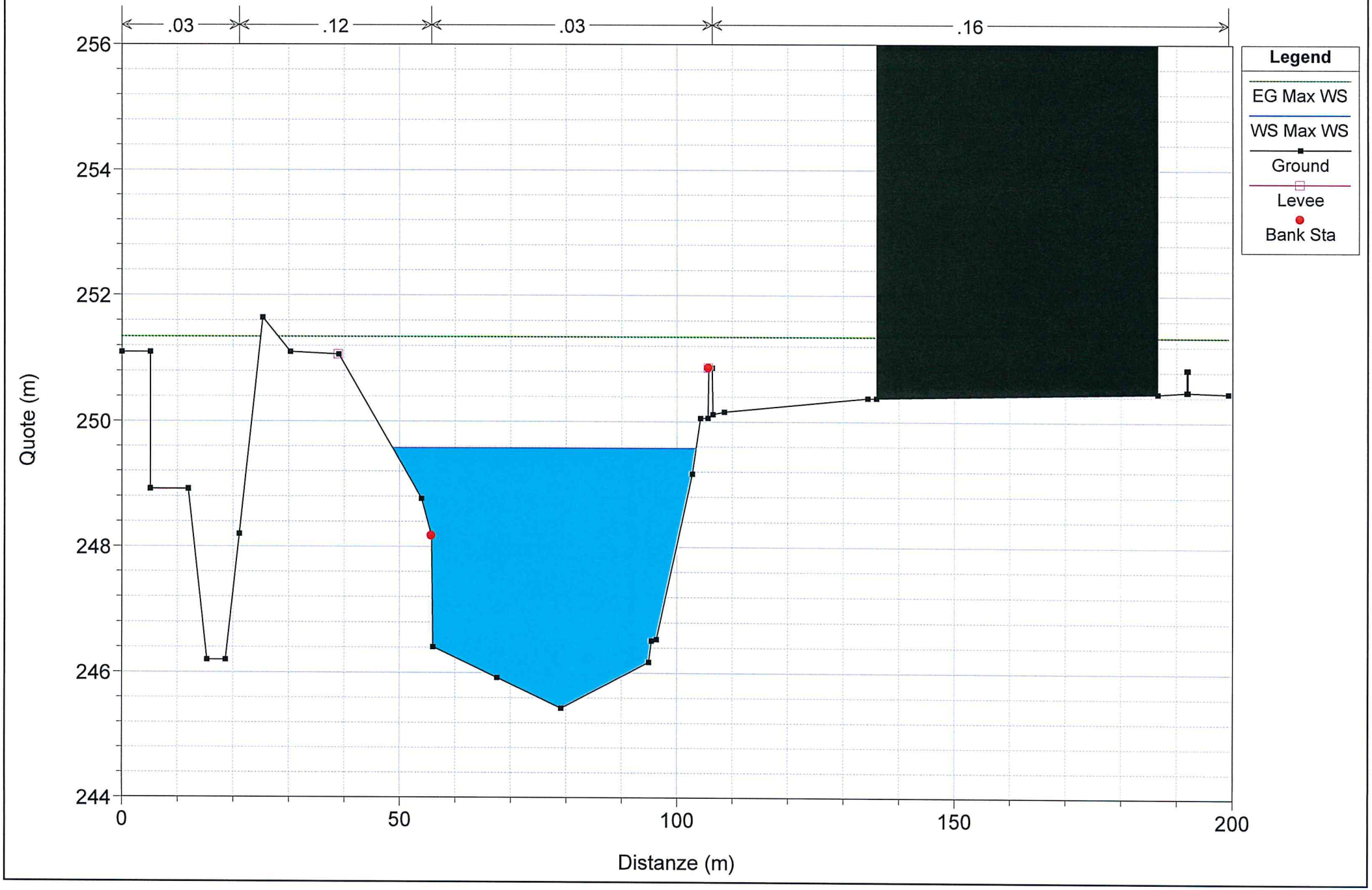
River = Fiume Oglio Reach = . RS = 5 028_D

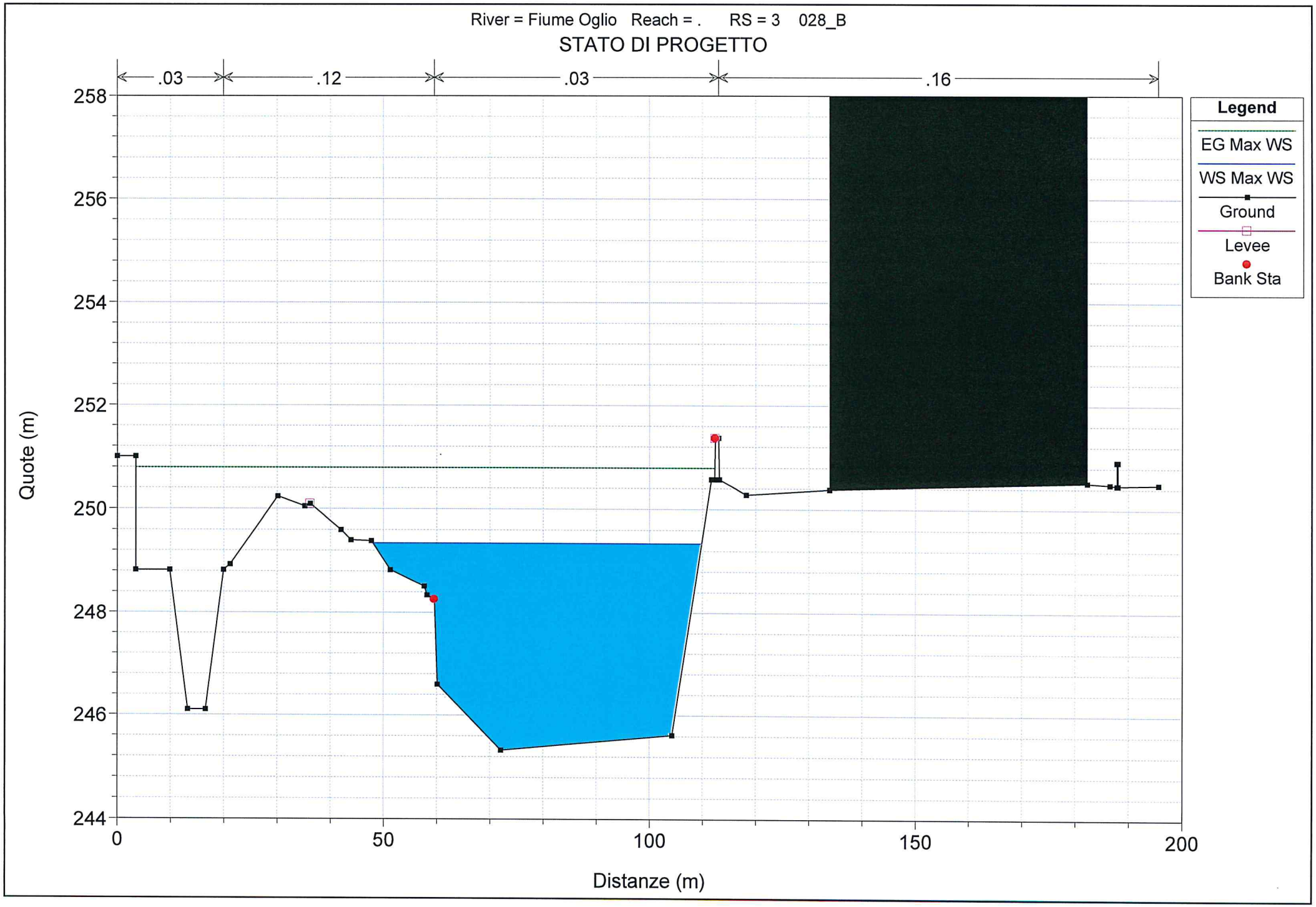
STATO DI PROGETTO

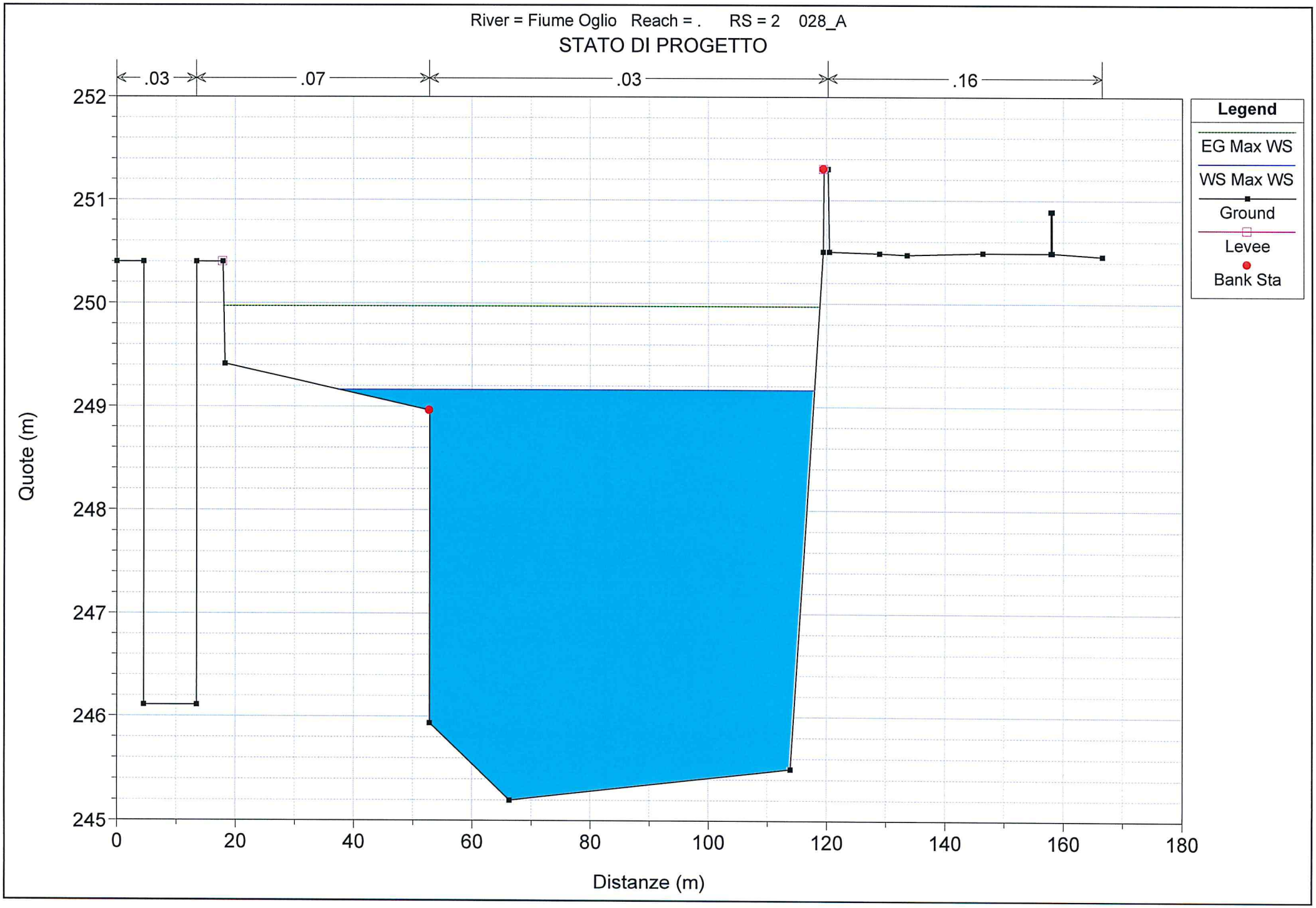


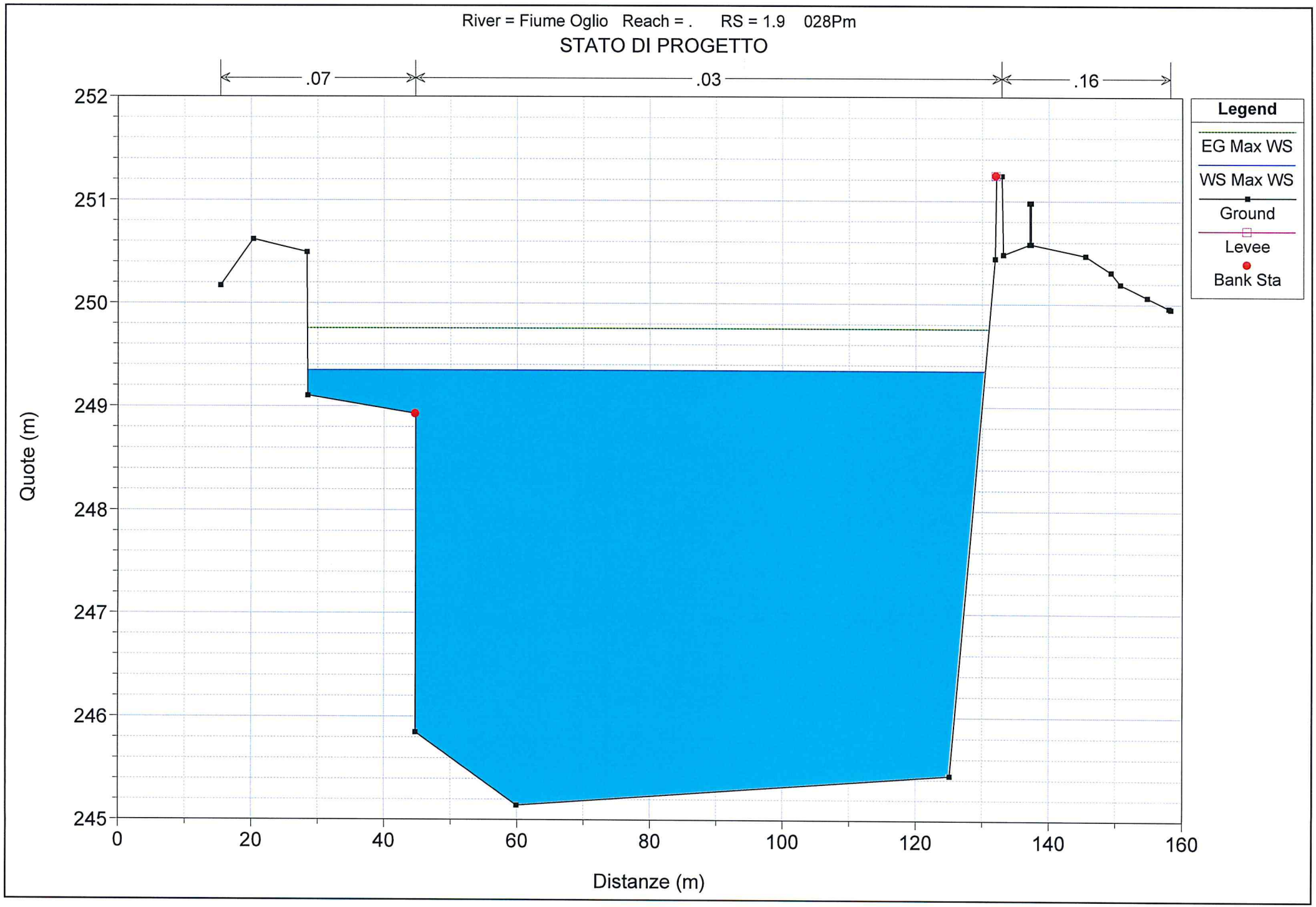
River = Fiume Oglio Reach = . RS = 4 028_C

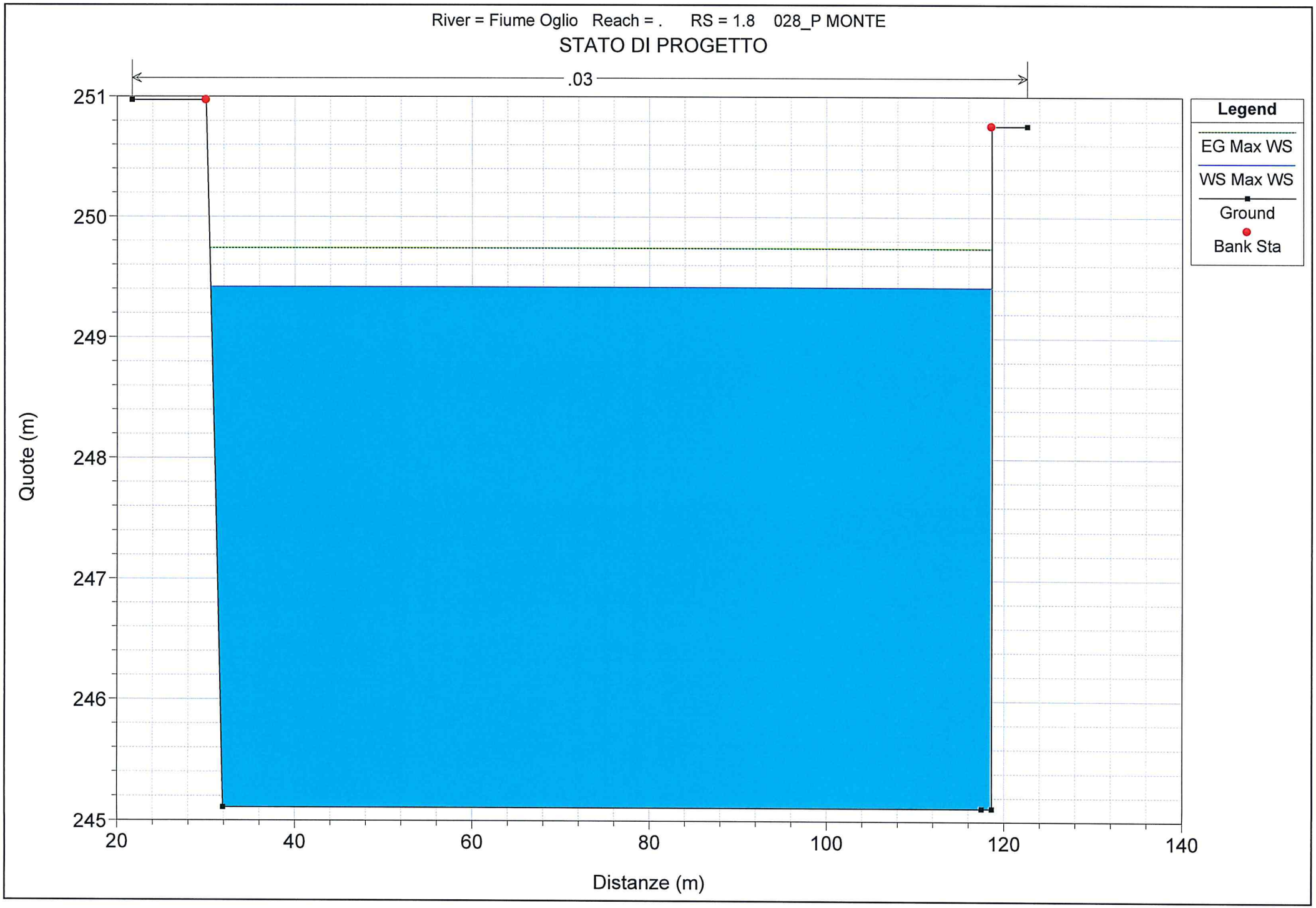
STATO DI PROGETTO

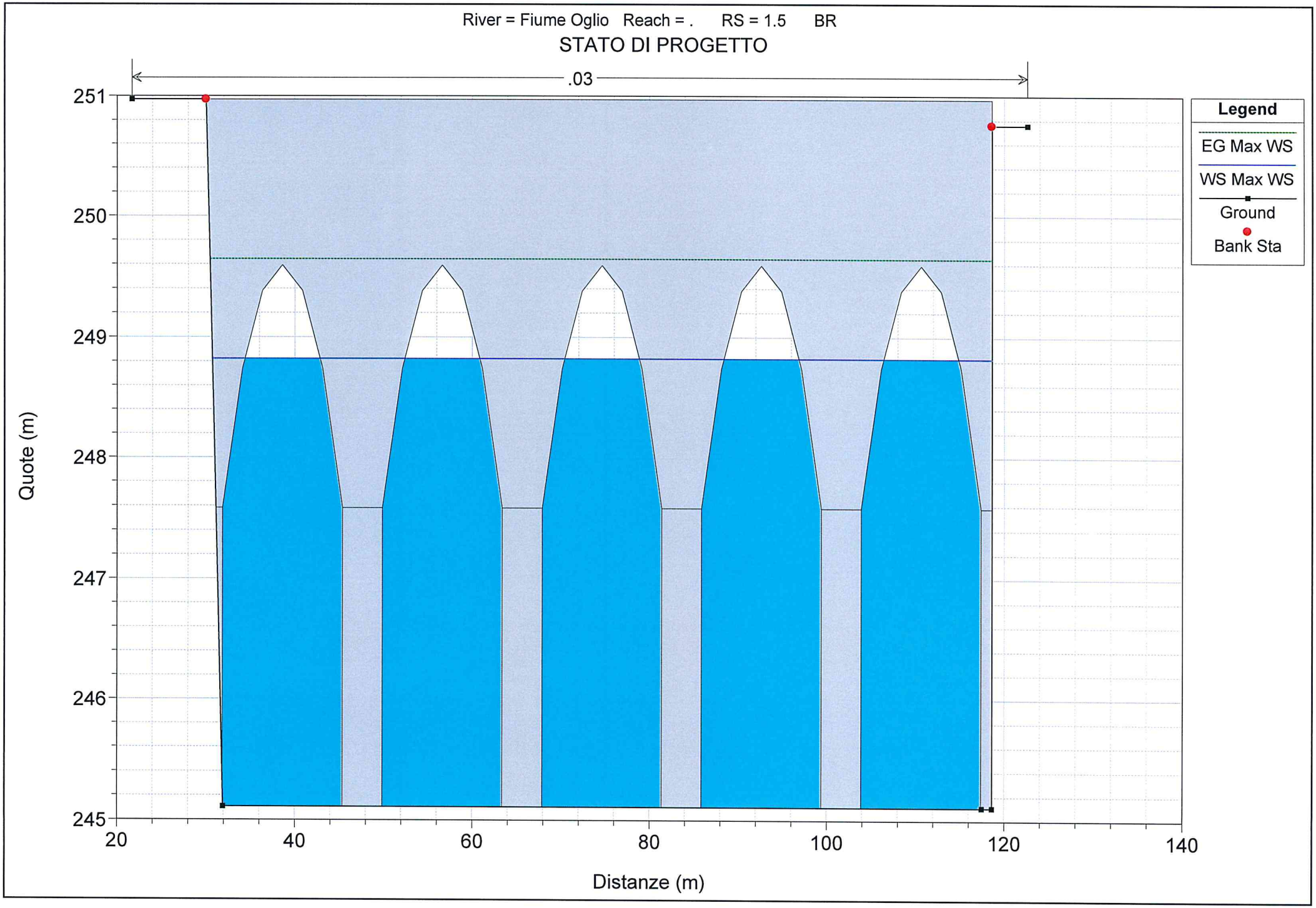



River = Fiume Oglio Reach = . RS = 3 028_B
STATO DI PROGETTO
.03
.12
.03
.16
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
258
256
254
252
250
248
246
244
0
50
100
150
200
Distanze (m)


River = Fiume Oglio Reach = . RS = 2 028_A
STATO DI PROGETTO
.03
.07
.03
.16
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
252
251
250
249
248
247
246
245
0
20
40
60
80
100
120
140
160
180
Distanze (m)

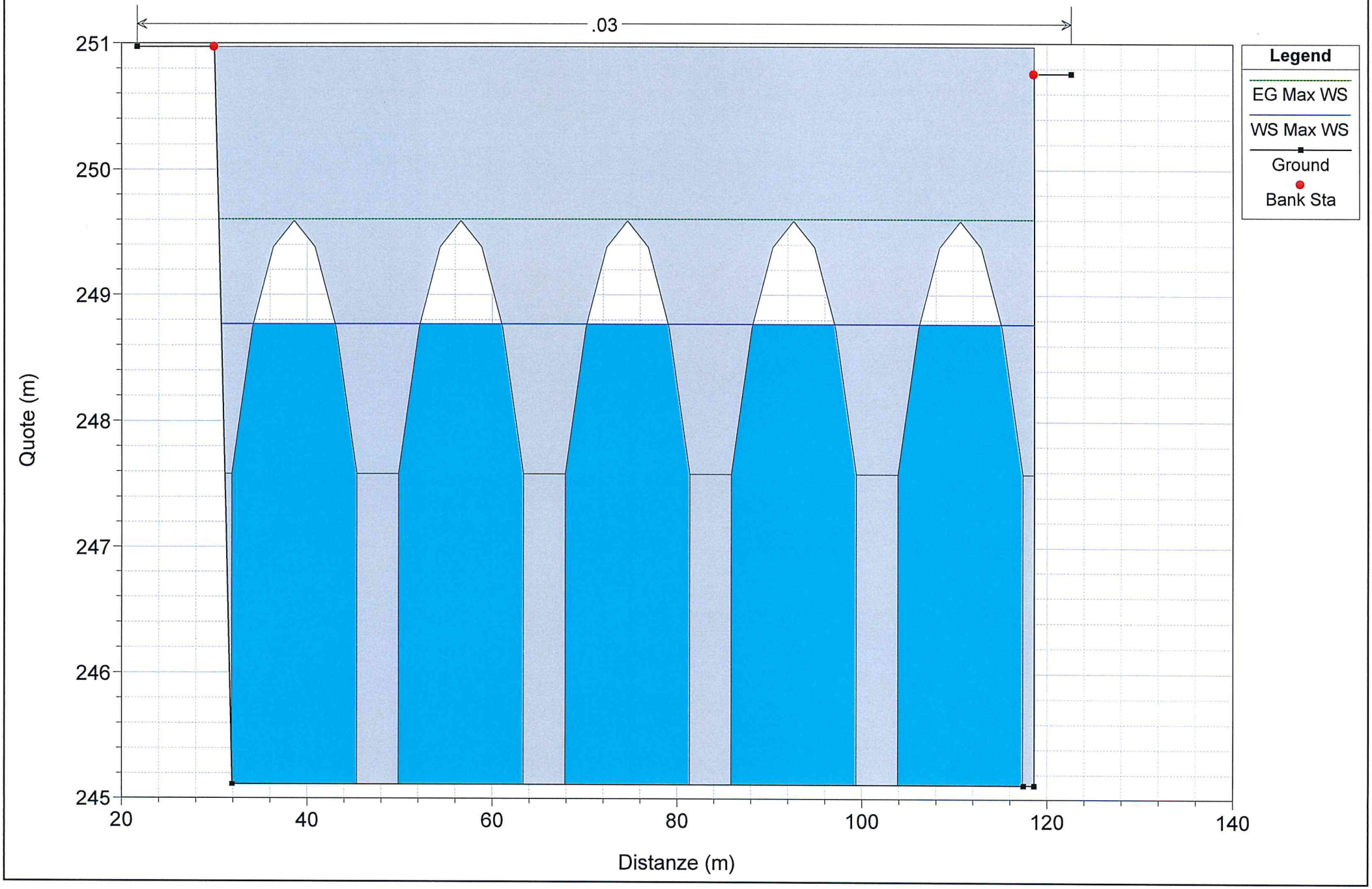

River = Fiume Oglio Reach = . RS = 1.9 028Pm
STATO DI PROGETTO
.07
.03
.16
Legend
EG Max WS
WS Max WS
Ground
Levee
Bank Sta
Quote (m)
252
251
250
249
248
247
246
245
0
20
40
60
80
100
120
140
160
Distanze (m)

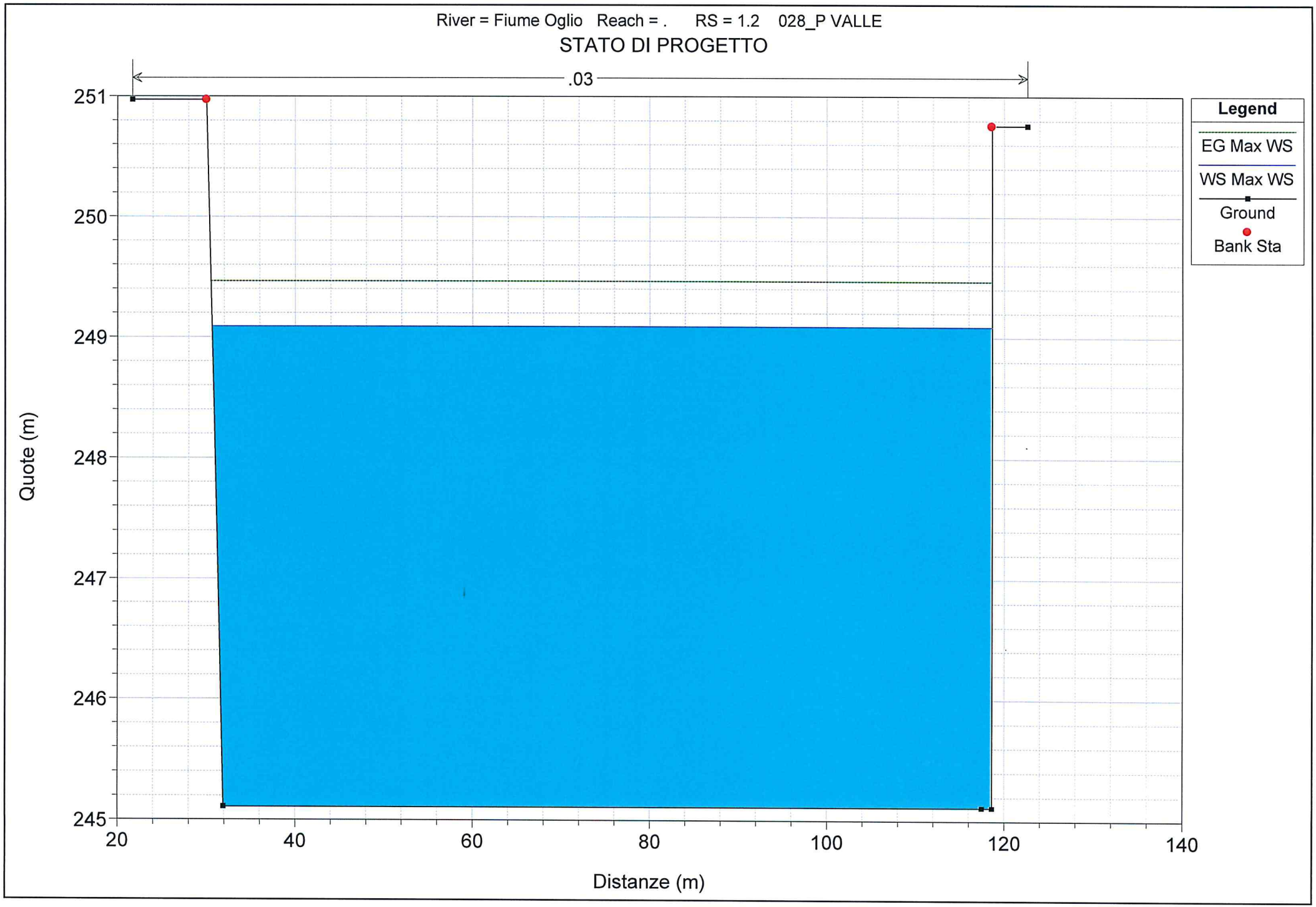

River = Fiume Oglio Reach = . RS = 1.8 028_P MONTE
STATO DI PROGETTO
.03
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
Distanze (m)
251
250
249
248
247
246
245
20
40
60
80
100
120
140

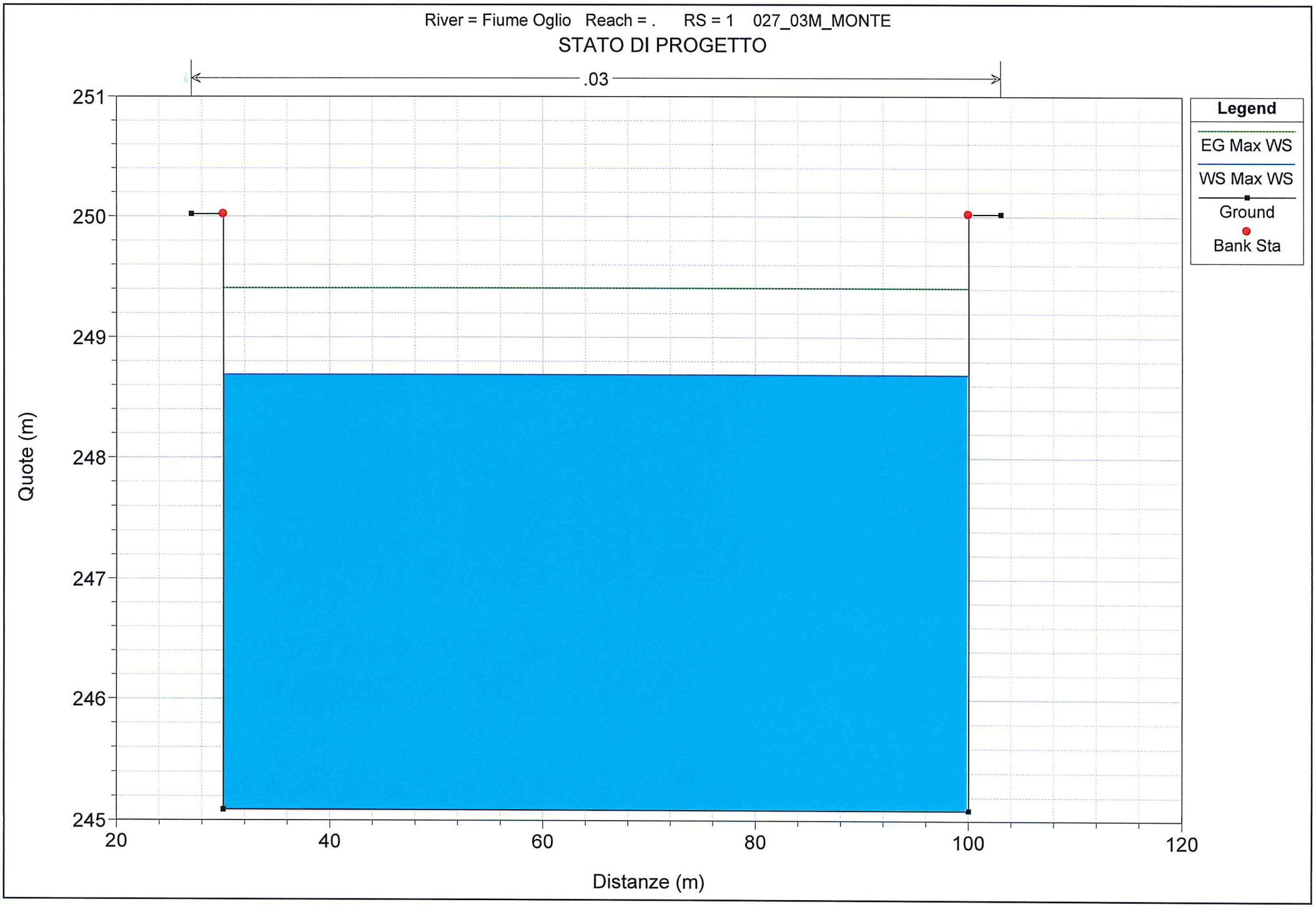

River = Fiume Oglio Reach = . RS = 1.5 BR
STATO DI PROGETTO
.03
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
Distanze (m)
251
250
249
248
247
246
245
20
40
60
80
100
120
140

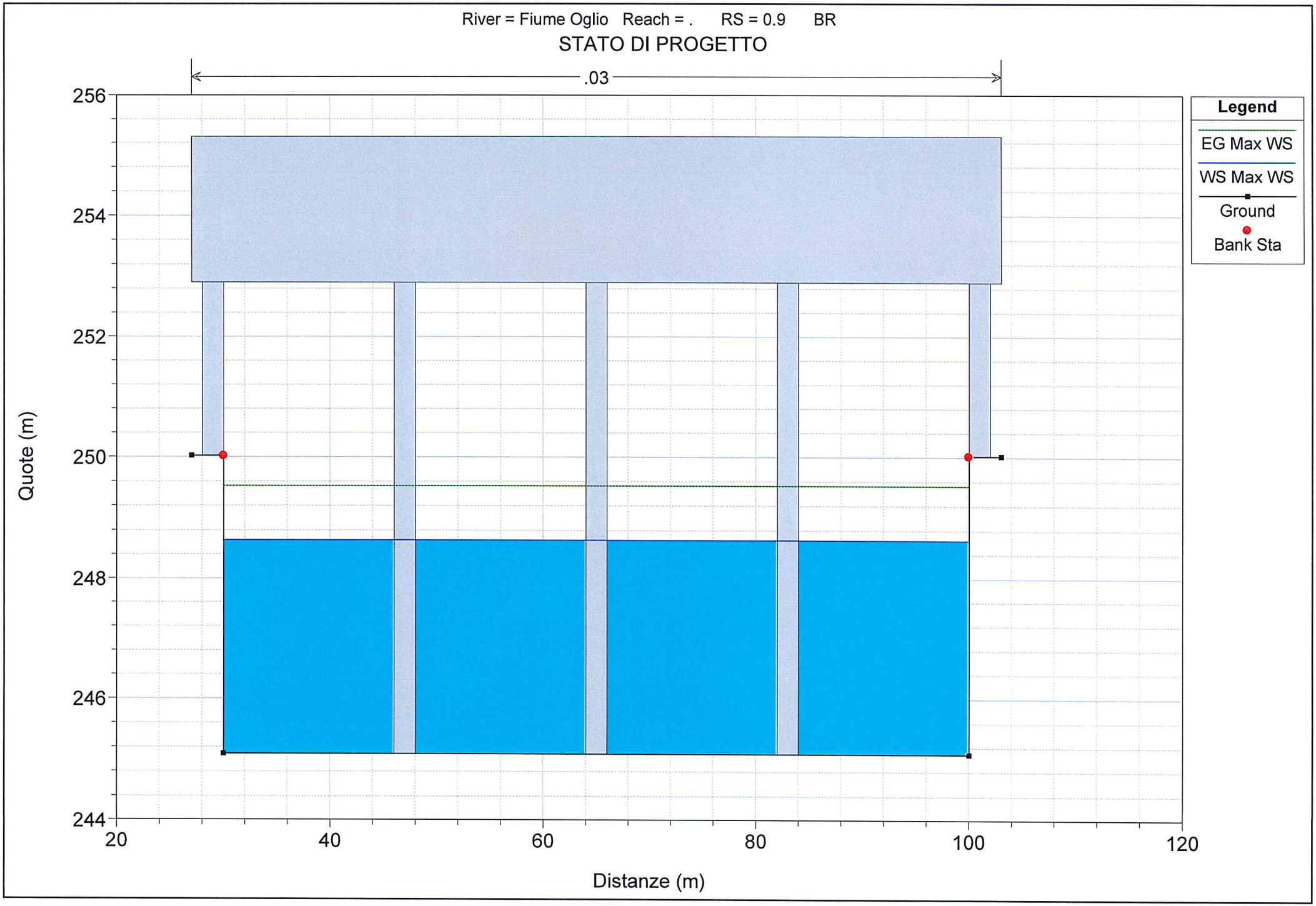
River = Fiume Oglio Reach = . RS = 1.5 BR

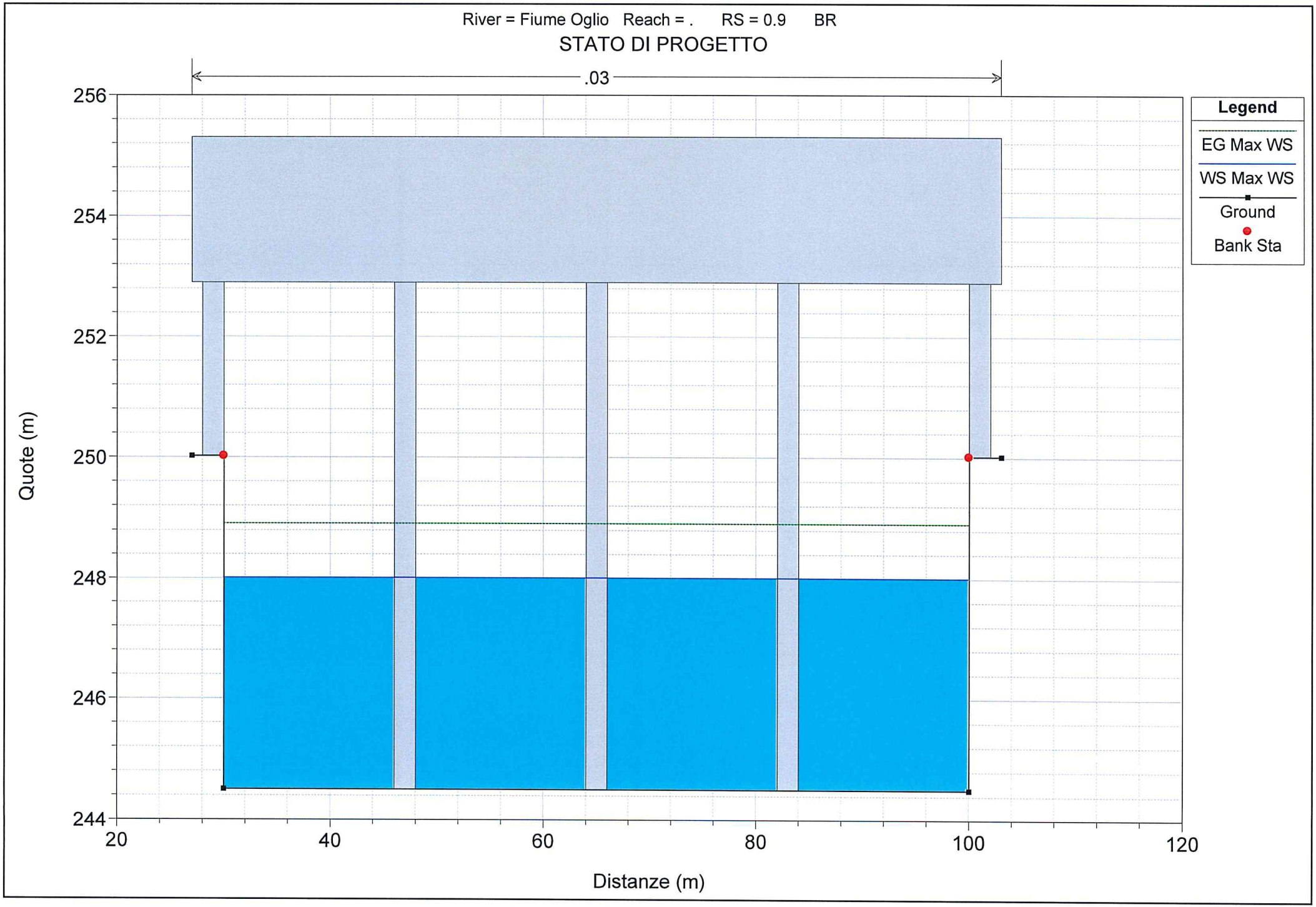
STATO DI PROGETTO

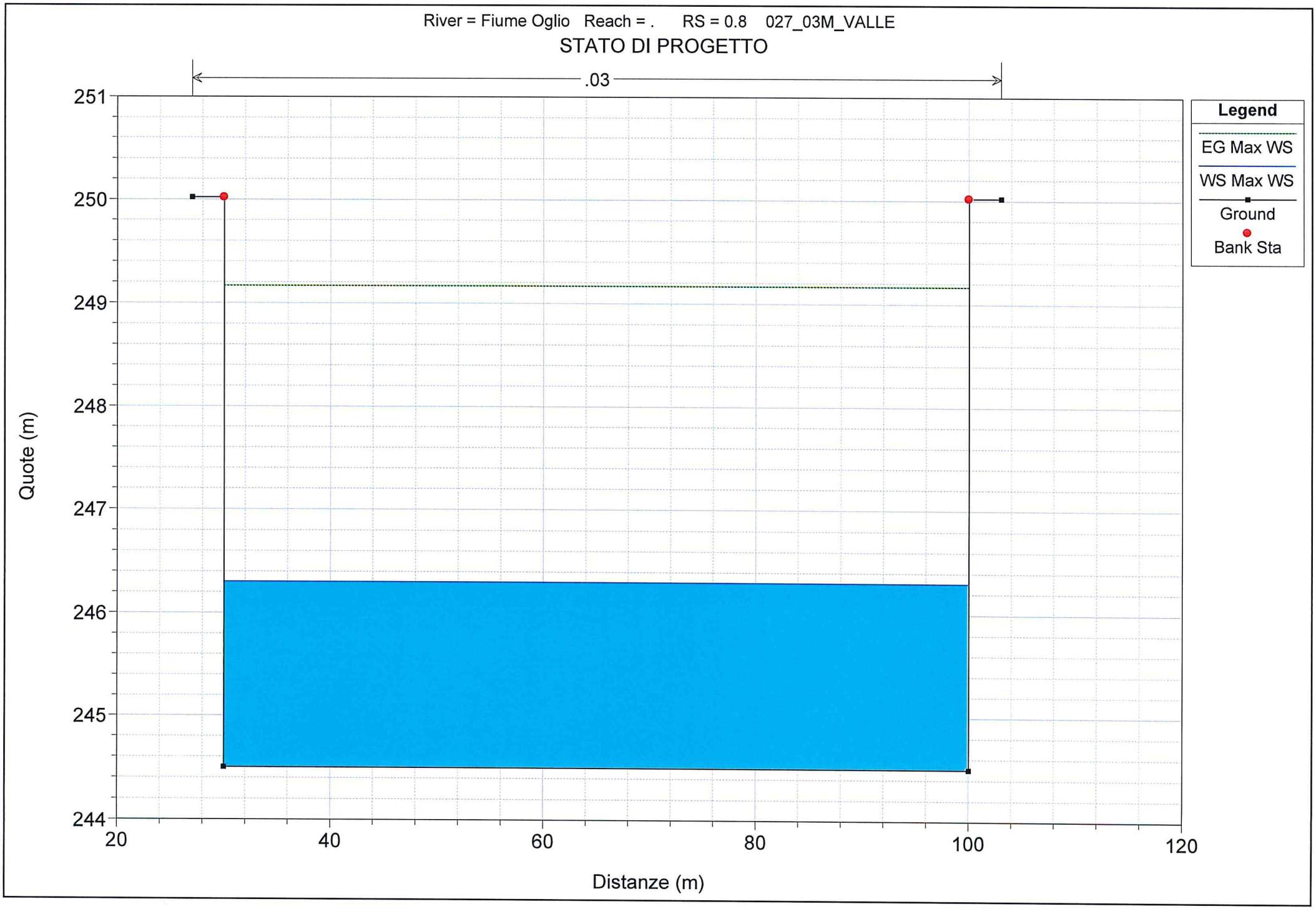



River = Fiume Oglio Reach = . RS = 1.2 028_P VALLE
STATO DI PROGETTO
.03
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
Distanze (m)
251
250
249
248
247
246
245
20
40
60
80
100
120
140


River = Fiume Oglio Reach = . RS = 1 027_03M_MONTE
STATO DI PROGETTO
.03
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
Distanze (m)
251
250
249
248
247
246
245
20
40
60
80
100
120


River = Fiume Oglio Reach = . RS = 0.9 BR
STATO DI PROGETTO
.03
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
256
254
252
250
248
246
244
20
40
60
80
100
120
Distanze (m)


River = Fiume Oglio Reach = . RS = 0.9 BR
STATO DI PROGETTO
.03
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
Distanze (m)
256
254
252
250
248
246
244
20
40
60
80
100
120


River = Fiume Oglio Reach = . RS = 0.8 027_03M_VALLE
STATO DI PROGETTO
.03
Legend
EG Max WS
WS Max WS
Ground
Bank Sta
Quote (m)
Distanze (m)
251
250
249
248
247
246
245
244
20
40
60
80
100
120

River = Fiume Oglio Reach = . RS = 0.5 027_A

STATO DI PROGETTO

