Channel Report

Exutoire n°1

Circular

Diameter (m)	= 0.4000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.5000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.4000
Q (cms)	= 0.255
Area (sqm)	= 0.1257
Velocity (m/s)	= 2.0291
Wetted Perim (m)	= 1.2566
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 0.6100

Section

Elev (m)

Reach (m)
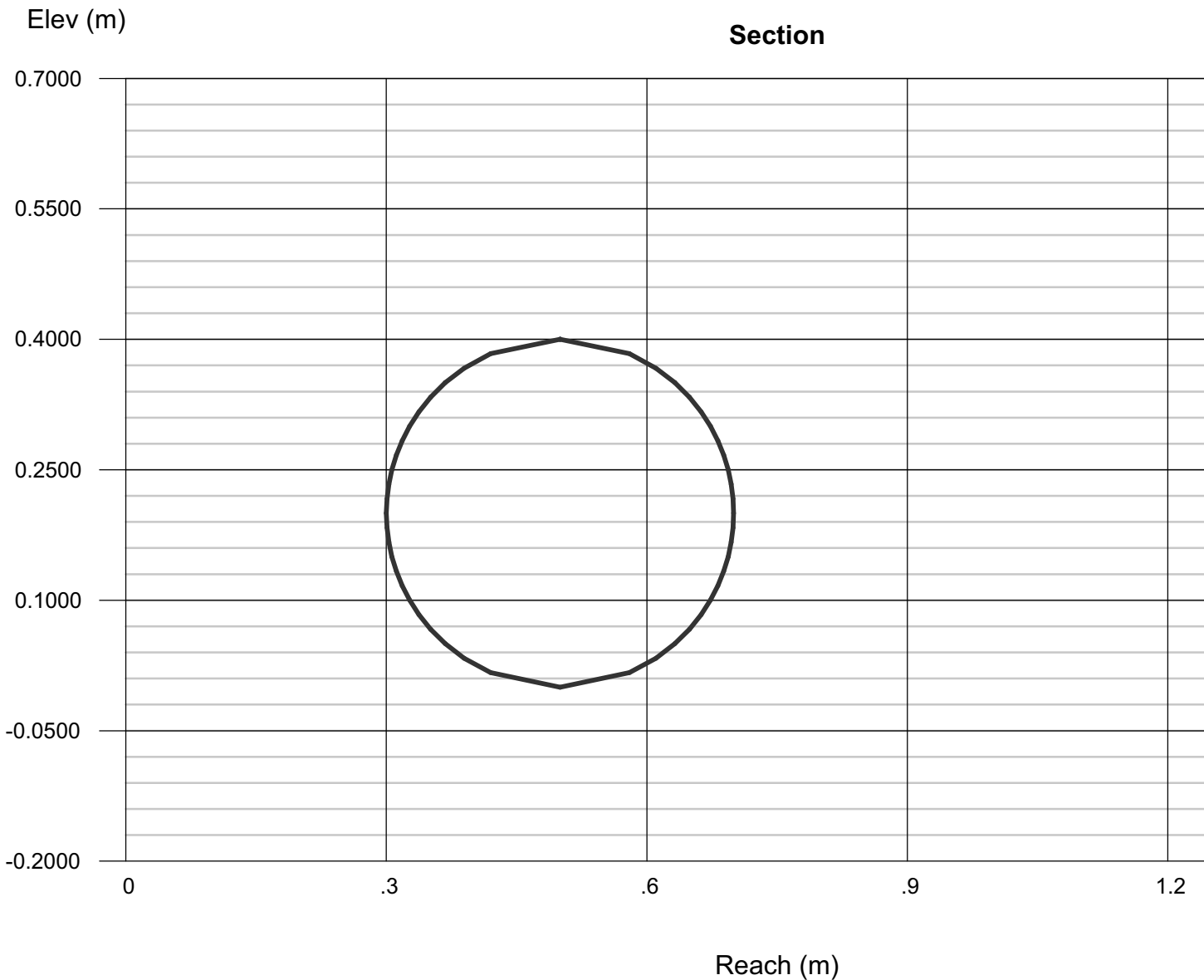
Channel Report

EXUTOIRE N°2

Circular

Diameter (m)	= 1.0000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.3000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.0000
Q (cms)	= 2.7336
Area (sqm)	= 0.7854
Velocity (m/s)	= 3.4806
Wetted Perim (m)	= 3.1416
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.6179

Section
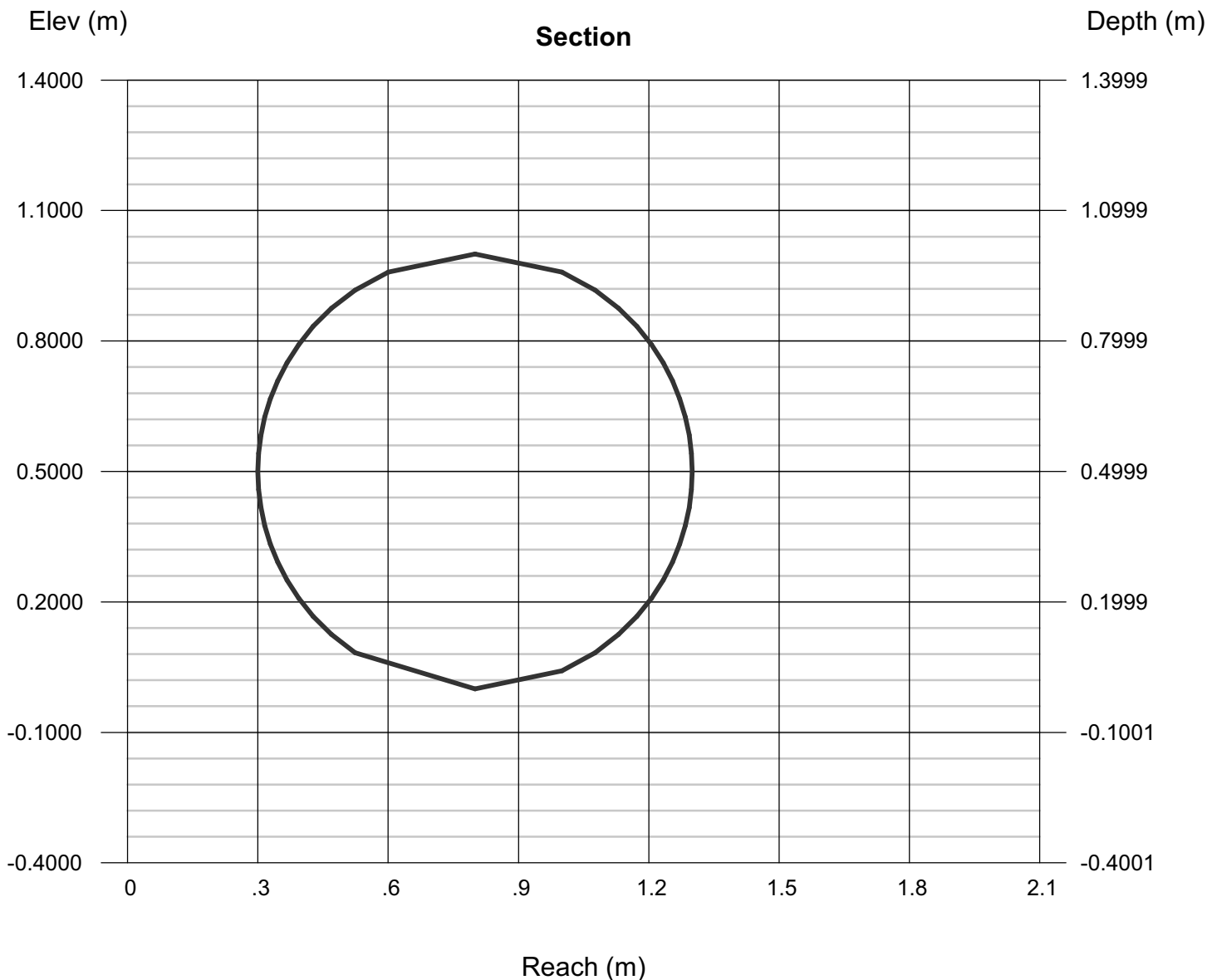
Channel Report

Exutoire n°3

Circular

Diameter (m)	= 0.3000
Invert Elev (m)	= 0.0001
Slope (%)	= 8.0000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.3000
Q (cms)	= 0.273
Area (sqm)	= 0.0707
Velocity (m/s)	= 3.8678
Wetted Perim (m)	= 0.9425
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.0631
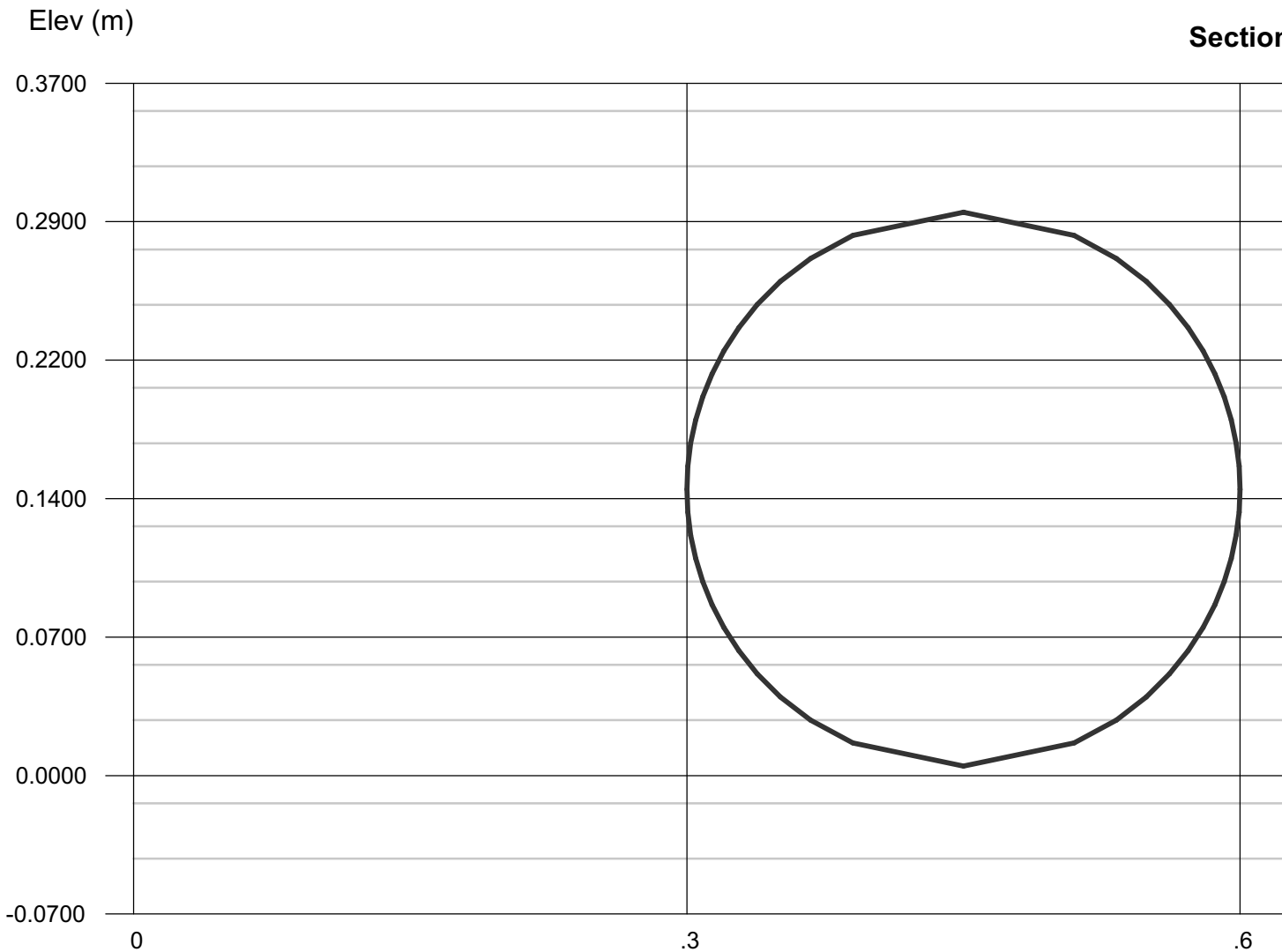
Elev (m)

Section

Reach (m)

Channel Report

Exutoire n°4

Rectangular

Bottom Width (m)	= 2.0000
Total Depth (m)	= 2.0000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.5000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 2.0000
Q (cms)	= 29
Area (sqm)	= 4.0000
Velocity (m/s)	= 7.1919
Wetted Perim (m)	= 6.0000
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 2.0000
EGL (m)	= 4.6383

Elev (m)   **Section**   Depth (m)

Reach (m)
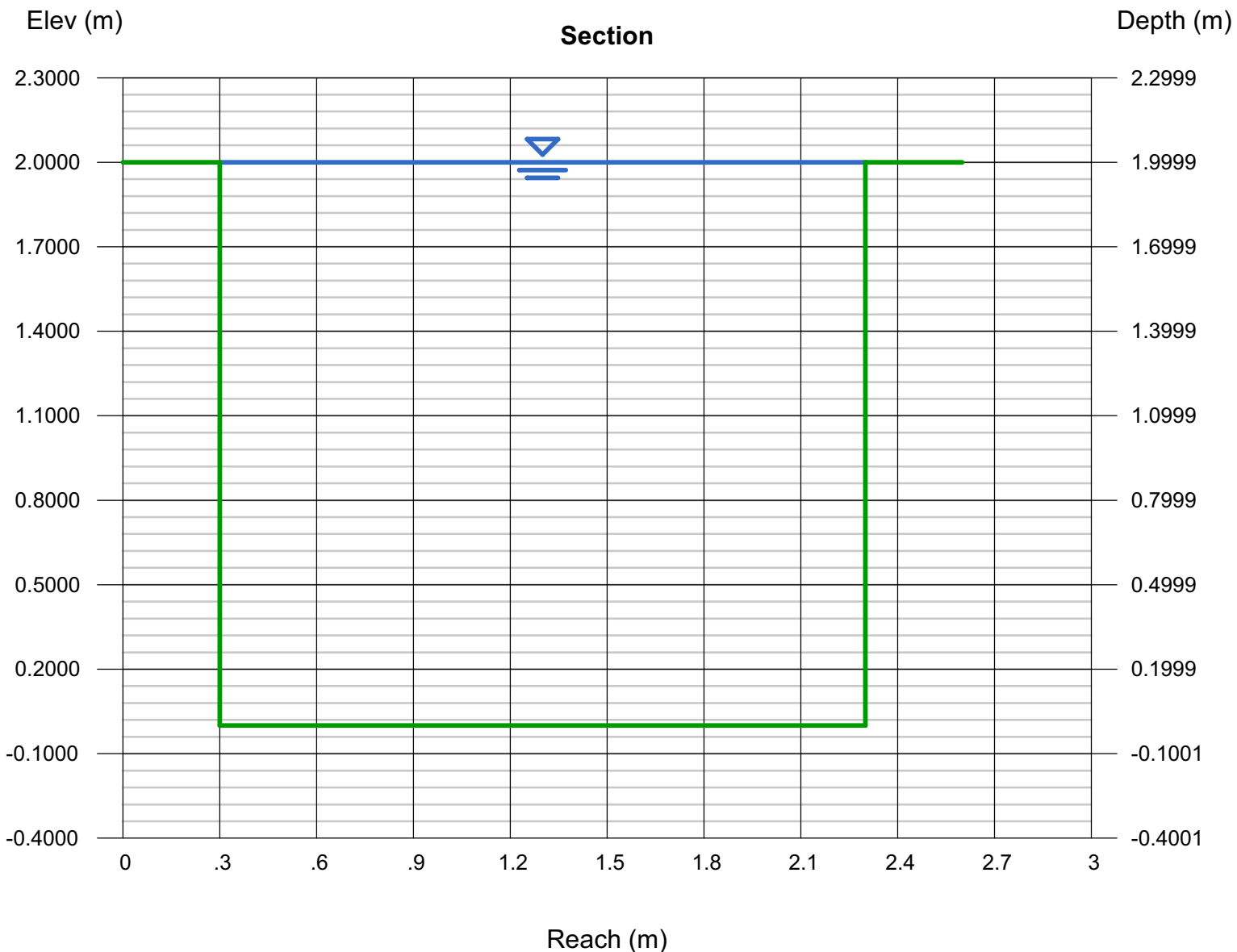
Channel Report

Exutoire n°5

Circular

Diameter (m)	= 1.2000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.0000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.2000
Q (cms)	= 3.8989
Area (sqm)	= 1.1310
Velocity (m/s)	= 3.4474
Wetted Perim (m)	= 3.7699
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.8062

Section
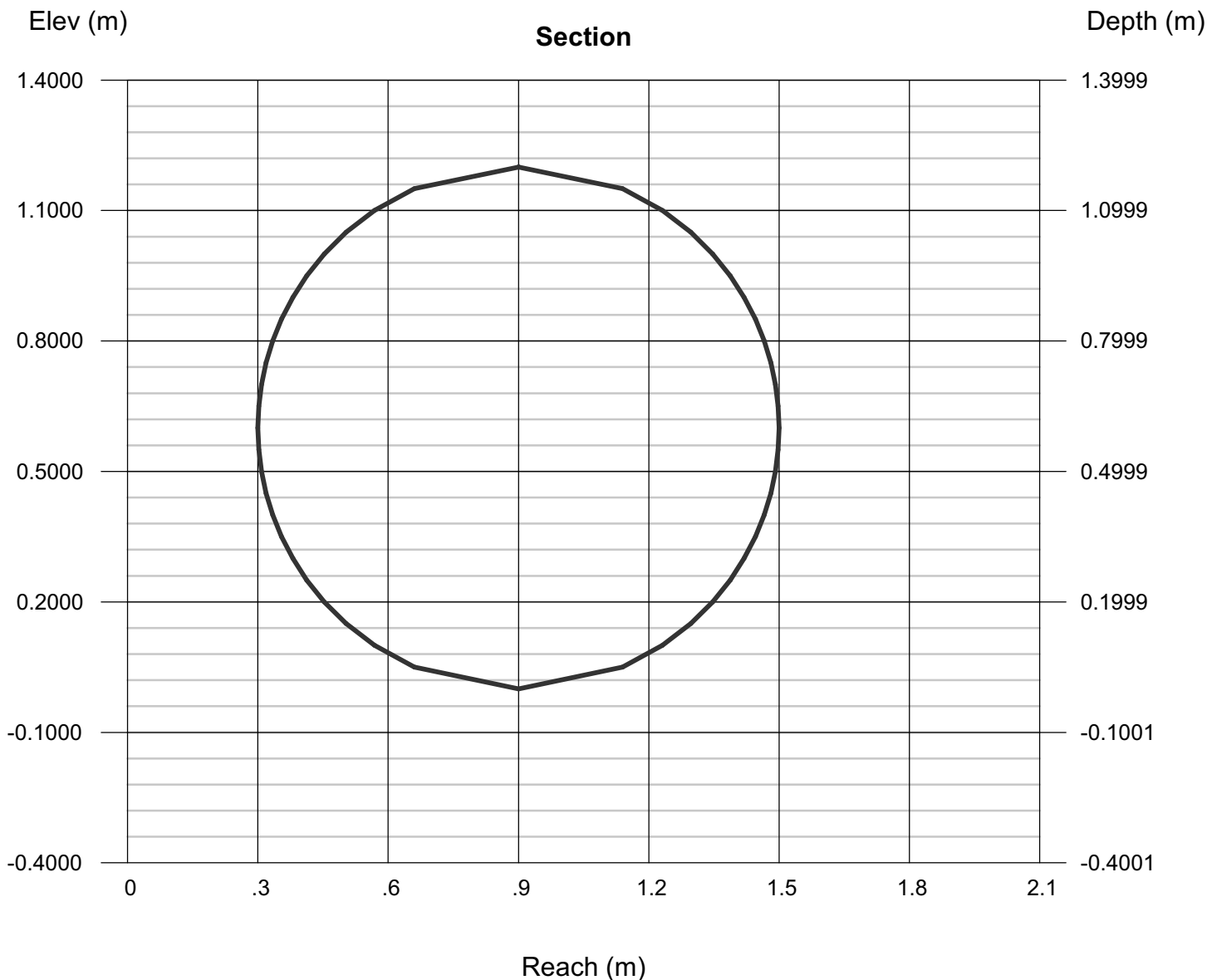
Channel Report

Exutoire n°6

Circular

Diameter (m)	= 0.4000
Invert Elev (m)	= 0.0001
Slope (%)	= 2.0000
N-Value	= 0.010

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.4000
Q (cms)	= 0.3828
Area (sqm)	= 0.1257
Velocity (m/s)	= 3.0459
Wetted Perim (m)	= 1.2566
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 0.8732
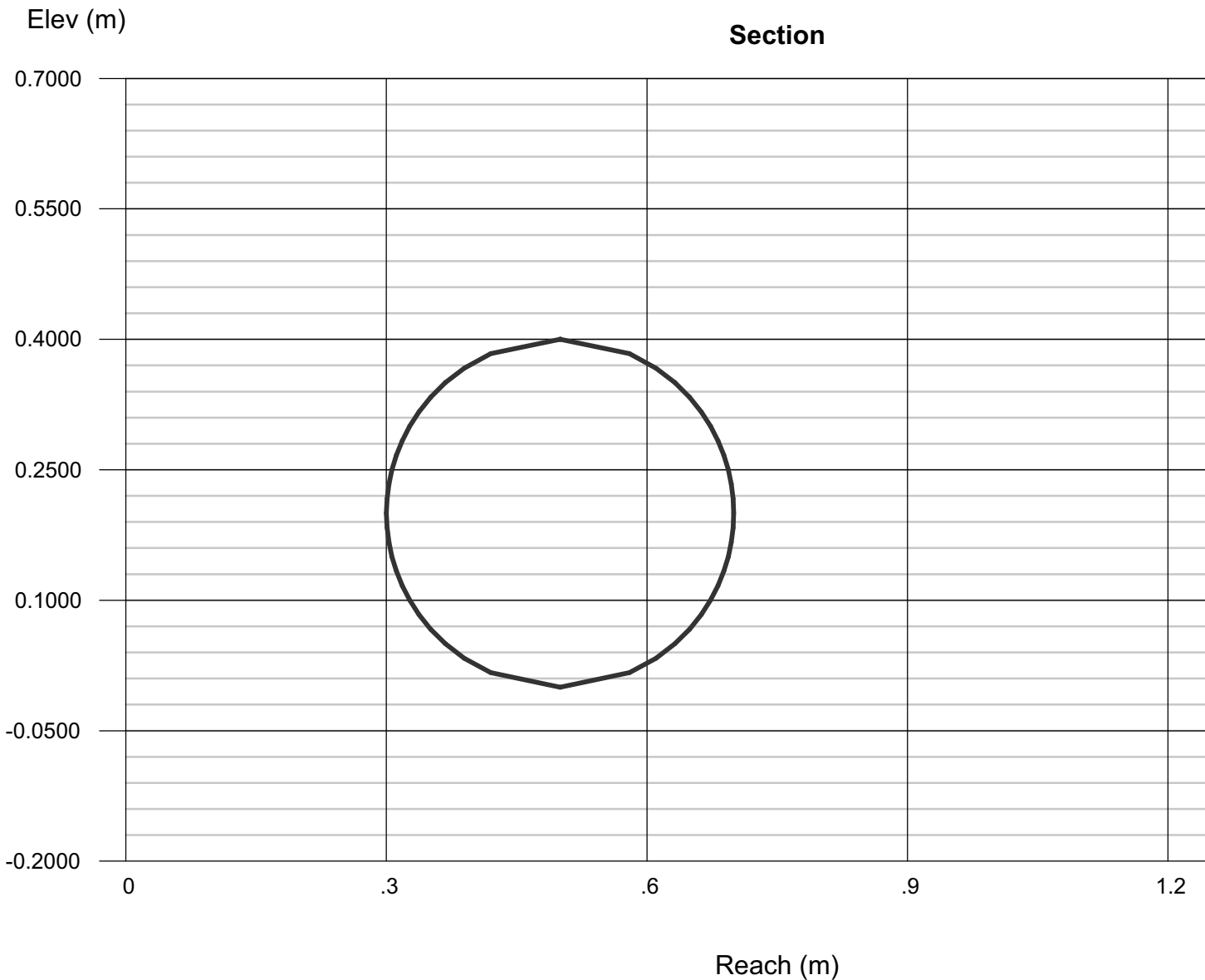
Channel Report

Exutoire n°7

Circular

Diameter (m)	= 2.0000	
Invert Elev (m)	= 0.0001	
Slope (%)	= 1.0000	
N-Value	= 0.013	

Highlighted

Depth (m)	= 2.0000
Q (cms)	= 15.2271
Area (sqm)	= 3.1416
Velocity (m/s)	= 4.8469
Wetted Perim (m)	= 6.2832
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 3.1983

Calculations

Compute by:	Q vs Depth
No. Increments	= 1
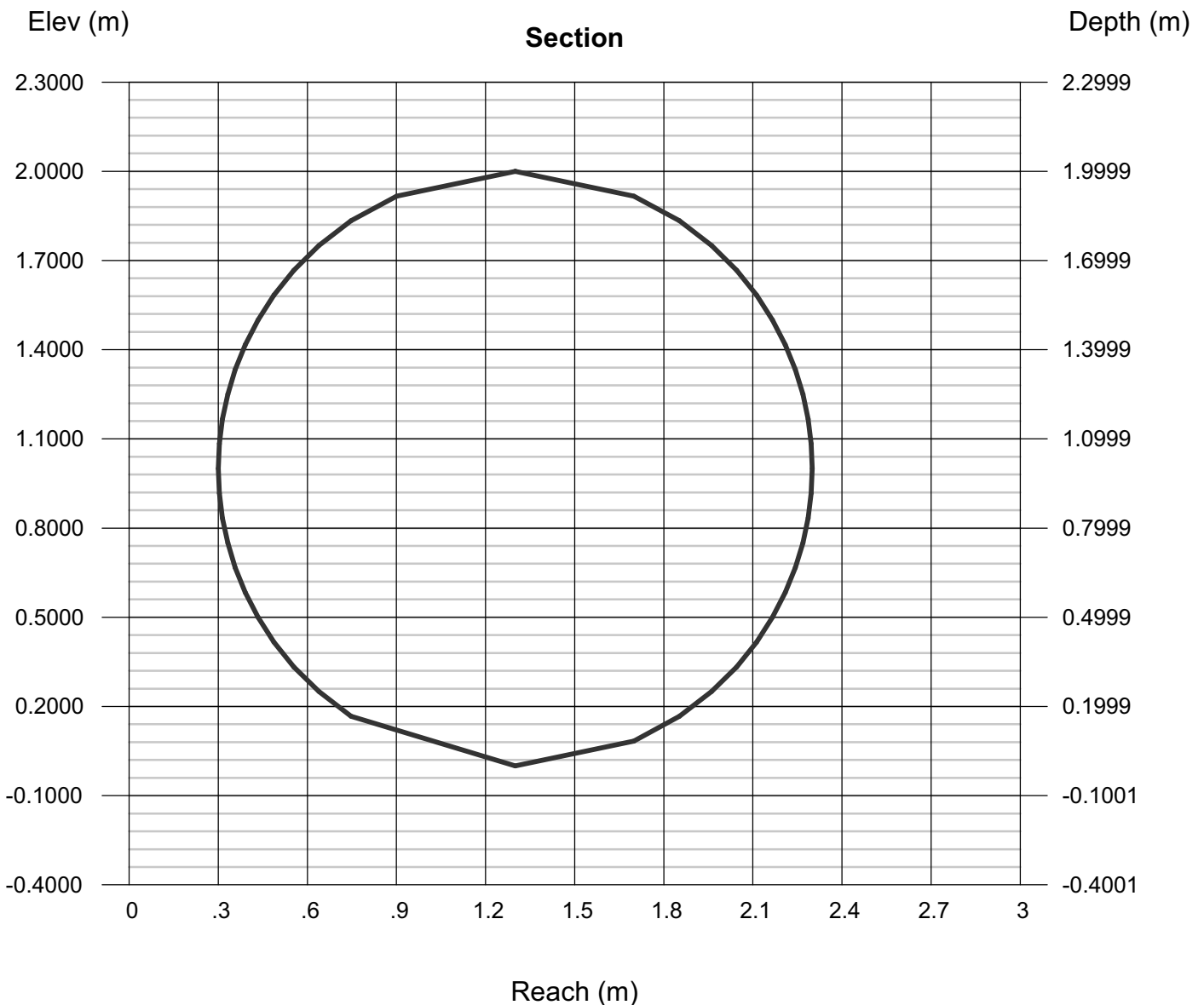
Channel Report

Exutoire n°8

Circular

Diameter (m)	= 1.0000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.3600
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.0000
Q (cms)	= 2.7960
Area (sqm)	= 0.7854
Velocity (m/s)	= 3.5600
Wetted Perim (m)	= 3.1416
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.6465

Section
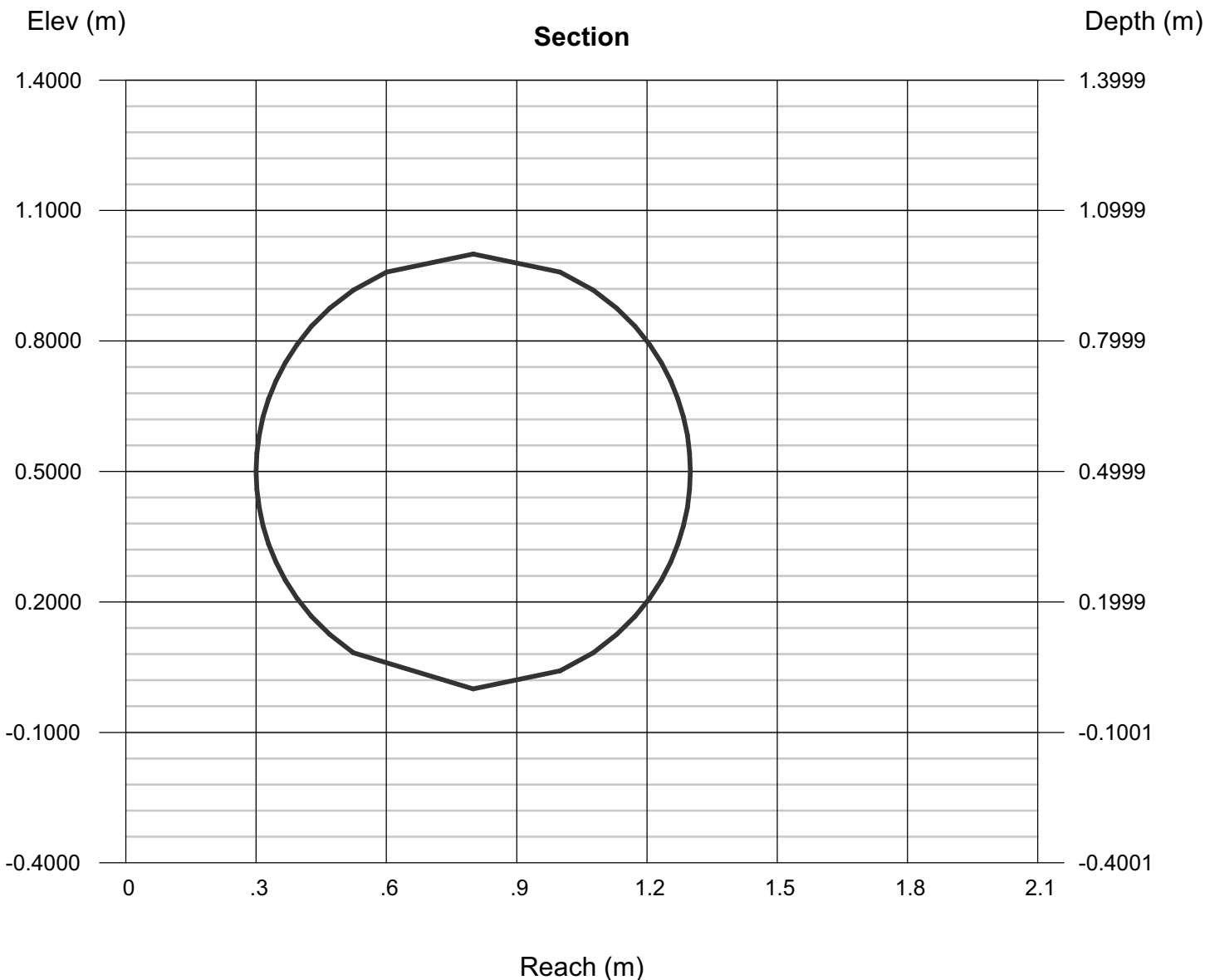
Channel Report

Exutoire n°9

Circular

Diameter (m)	= 0.5000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.5000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.5000
Q (cms)	= 0.4623
Area (sqm)	= 0.1963
Velocity (m/s)	= 2.3547
Wetted Perim (m)	= 1.5708
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 0.7828
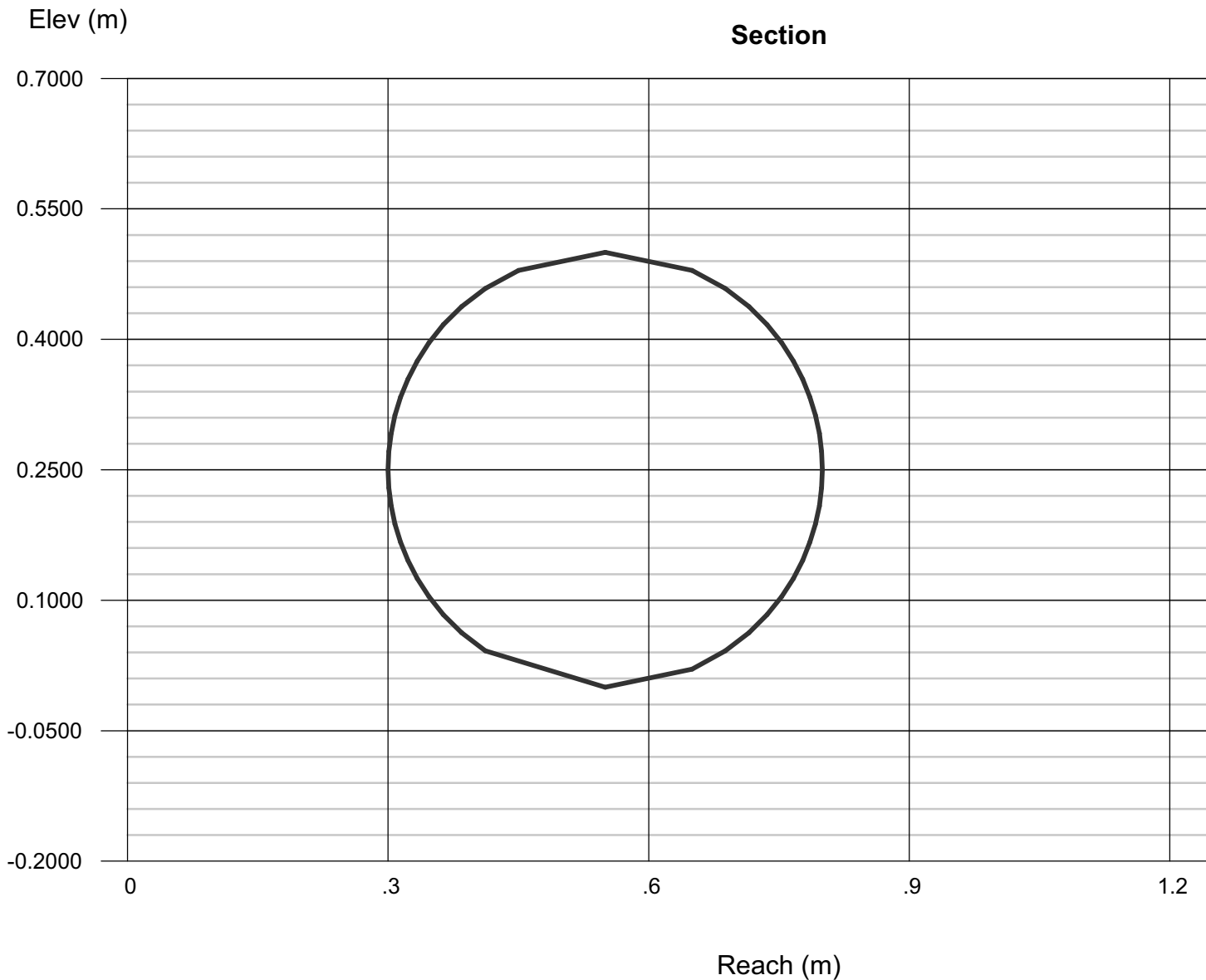
Channel Report

Exutoire n°11

Circular

Diameter (m)	= 0.6000
Invert Elev (m)	= 0.0001
Slope (%)	= 0.9000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.6000
Q (cms)	= 0.5824
Area (sqm)	= 0.2827
Velocity (m/s)	= 2.0598
Wetted Perim (m)	= 1.8850
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 0.8164

Elev (m)

Section

Reach (m)

Channel Report

jeudi, janv 21 2010
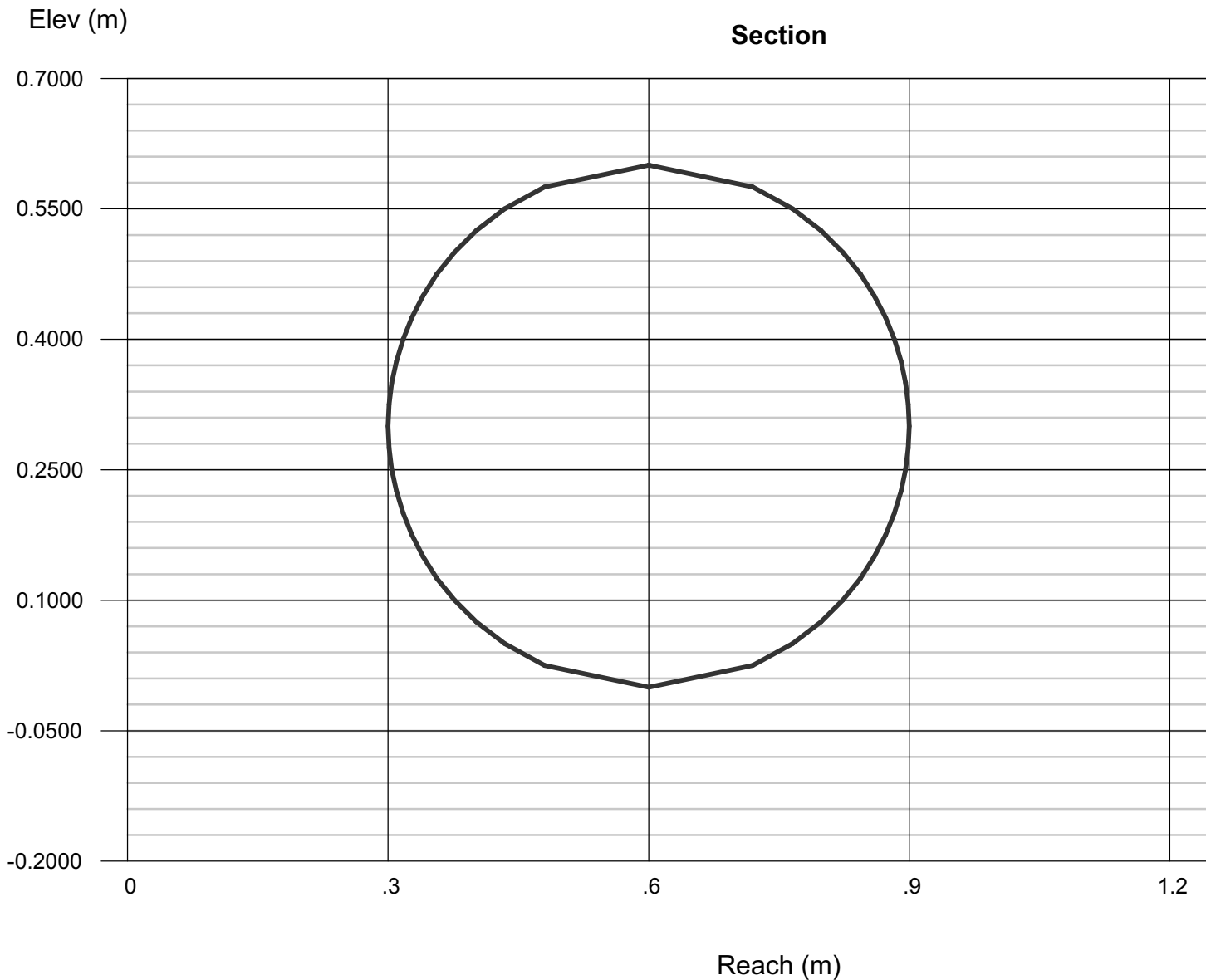
Exutoire n°12

Circular

Diameter (m)	= 0.3000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.4000
N-Value	= 0.010

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.3000
Q (cms)	= 0.149
Area (sqm)	= 0.0707
Velocity (m/s)	= 2.1034
Wetted Perim (m)	= 0.9425
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 0.5257

Elev (m)   **Section**

Reach (m)

Channel Report

Exutoire n°13

Rectangular

Bottom Width (m)	= 0.4600
Total Depth (m)	= 1.0300
Invert Elev (m)	= 0.0001
Slope (%)	= 0.5000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.0300
Q (cms)	= 0.8457
Area (sqm)	= 0.4738
Velocity (m/s)	= 1.7849
Wetted Perim (m)	= 2.5200
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.4600
EGL (m)	= 1.1925

Section

Elev (m) / Depth (m)

Reach (m)
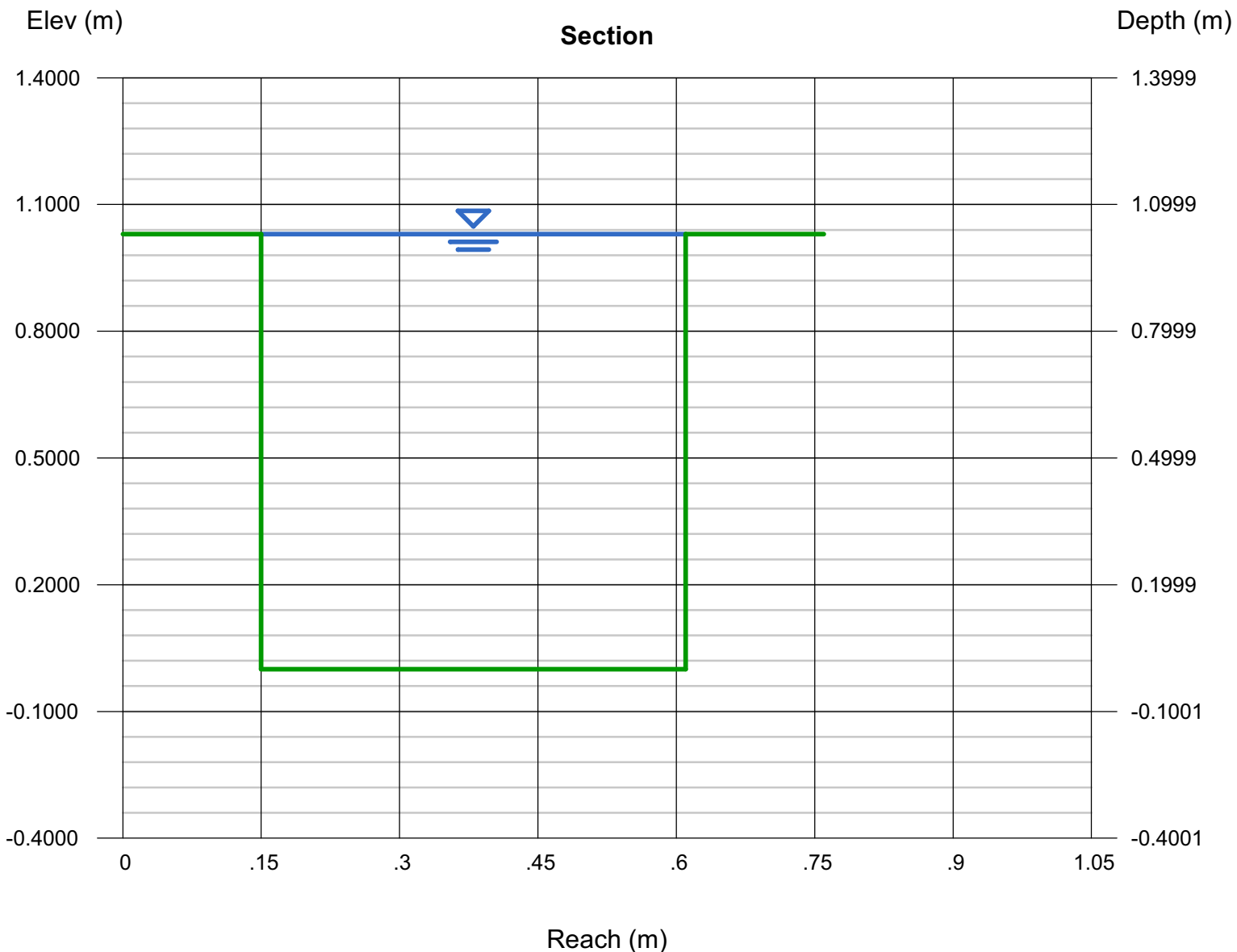
Channel Report

Exutoire n°14

Rectangular
Bottom Width (m)	=	1.5000
Total Depth (m)	=	1.5000
Invert Elev (m)	=	0.0001
Slope (%)	=	0.5000
N-Value	=	0.013

Calculations
Compute by:		Q vs Depth
No. Increments	=	1

Highlighted
Depth (m)	=	1.5000
Q (cms)	=	7.7114
Area (sqm)	=	2.2500
Velocity (m/s)	=	3.4273
Wetted Perim (m)	=	4.5000
Crit Depth, Yc (m)	=	0.0030
Top Width (m)	=	1.5000
EGL (m)	=	2.0992

Section

Elev (m) / Depth (m) vs Reach (m)
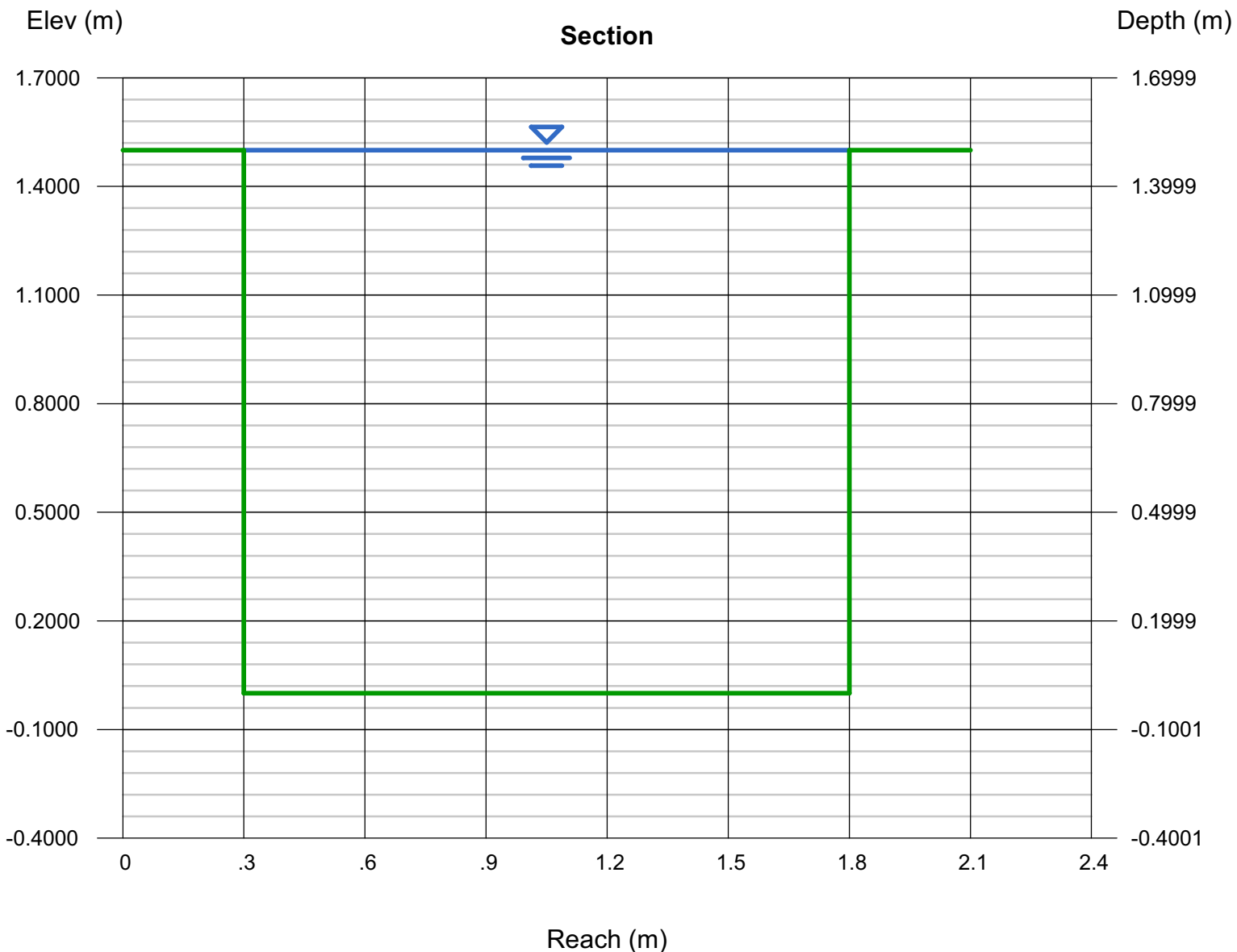
Channel Report

Exutoire n°16

Circular

Diameter (m)	= 0.5000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.8000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.5000
Q (cms)	= 0.5065
Area (sqm)	= 0.1963
Velocity (m/s)	= 2.5795
Wetted Perim (m)	= 1.5708
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 0.8394

Elev (m)

Section

Reach (m)
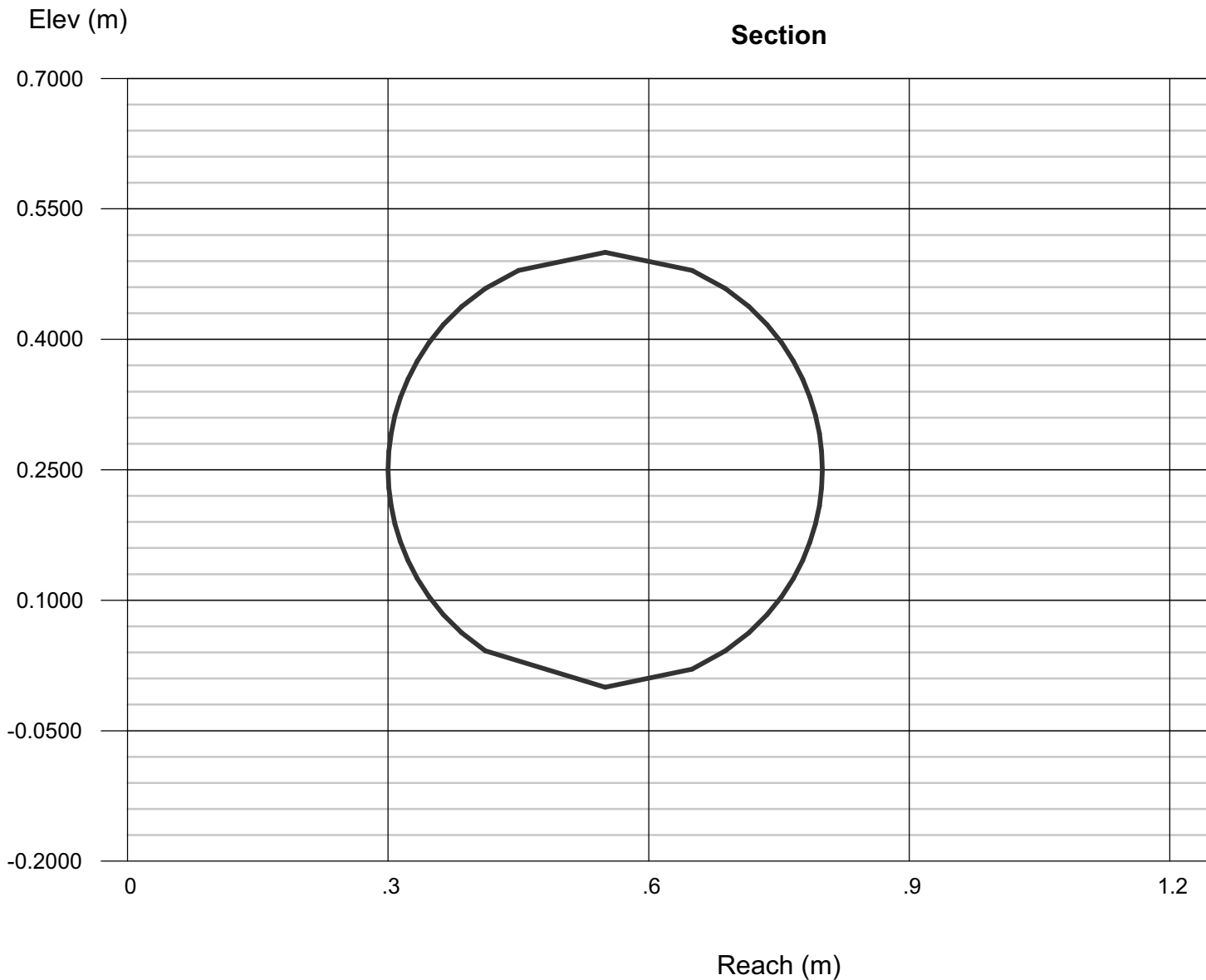
Channel Report

Exutoire n°17

Rectangular

Bottom Width (m)	= 2.0000
Total Depth (m)	= 1.5000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.1000
N-Value	= 0.016

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.5000
Q (cms)	= 13.9934
Area (sqm)	= 3.0000
Velocity (m/s)	= 4.6644
Wetted Perim (m)	= 5.0000
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 2.0000
EGL (m)	= 2.6098

Elev (m)   **Section**   Depth (m)

Reach (m)
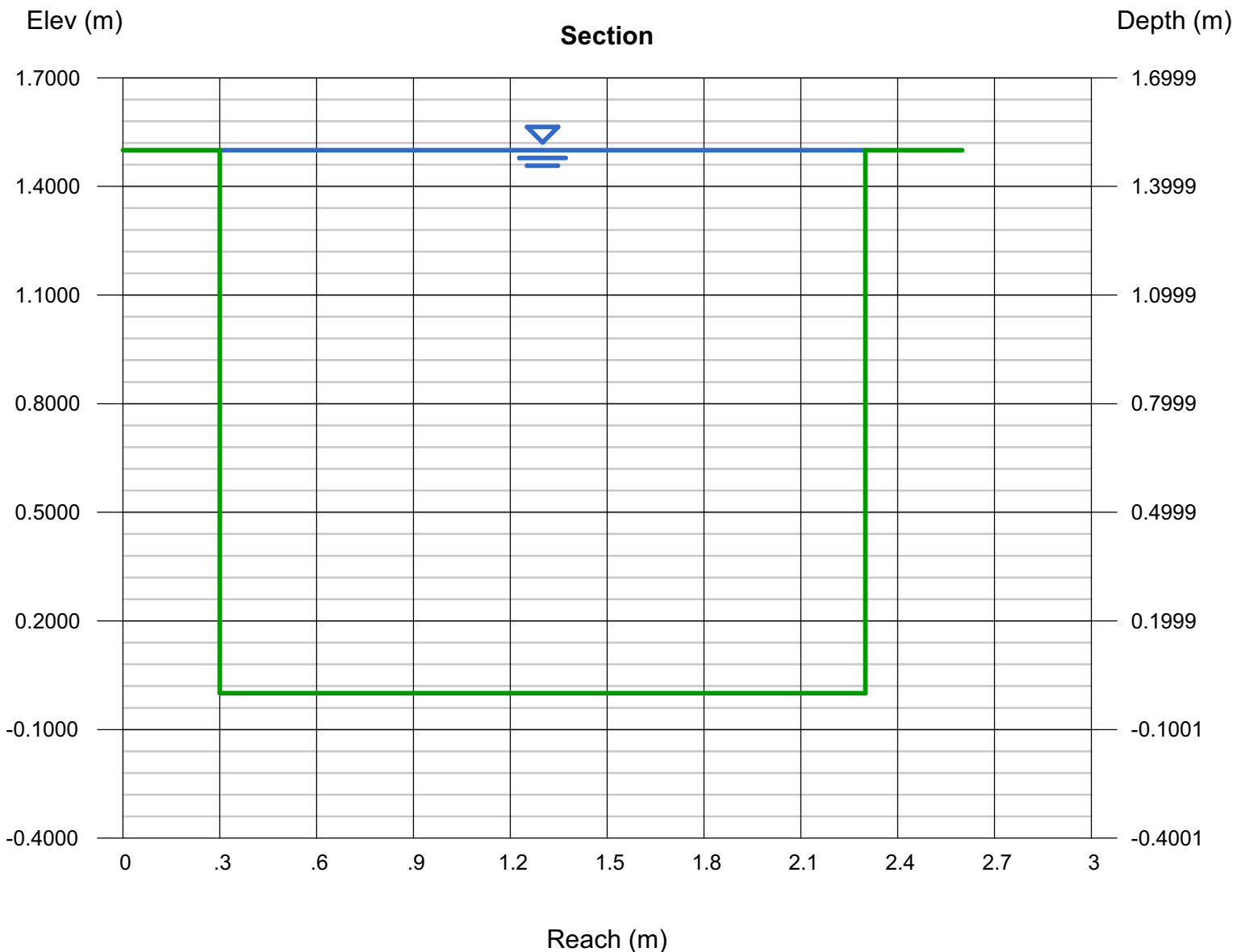
Channel Report

Exutoire n°18

Circular

Diameter (m)	= 1.0000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.2000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.0000
Q (cms)	= 2.6264
Area (sqm)	= 0.7854
Velocity (m/s)	= 3.3440
Wetted Perim (m)	= 3.1416
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.5704
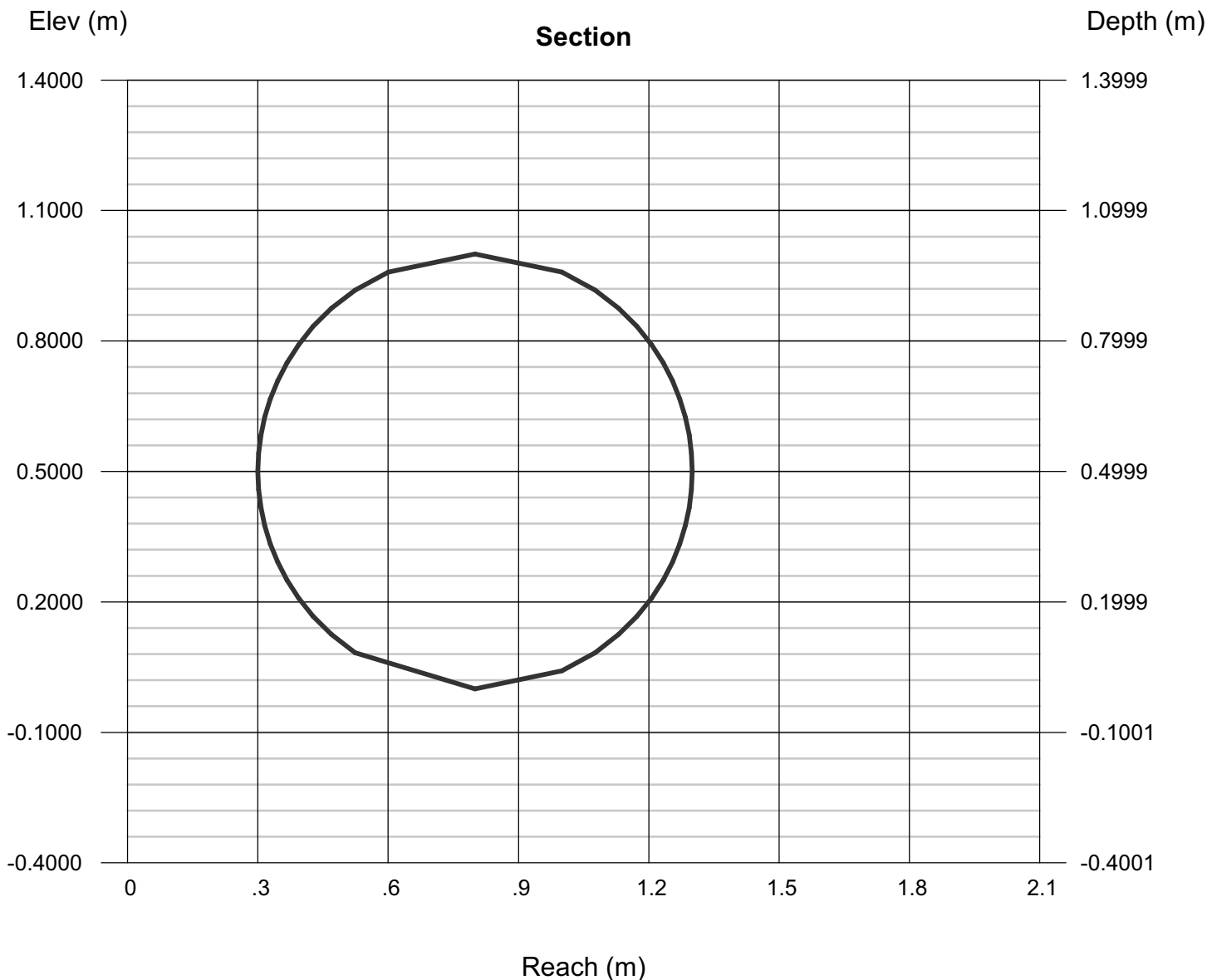
Channel Report

Exutoire n°19

Circular

Diameter (m)	= 1.2000
Invert Elev (m)	= 0.0001
Slope (%)	= 0.8000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.2000
Q (cms)	= 3.4873
Area (sqm)	= 1.1310
Velocity (m/s)	= 3.0835
Wetted Perim (m)	= 3.7699
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.6850
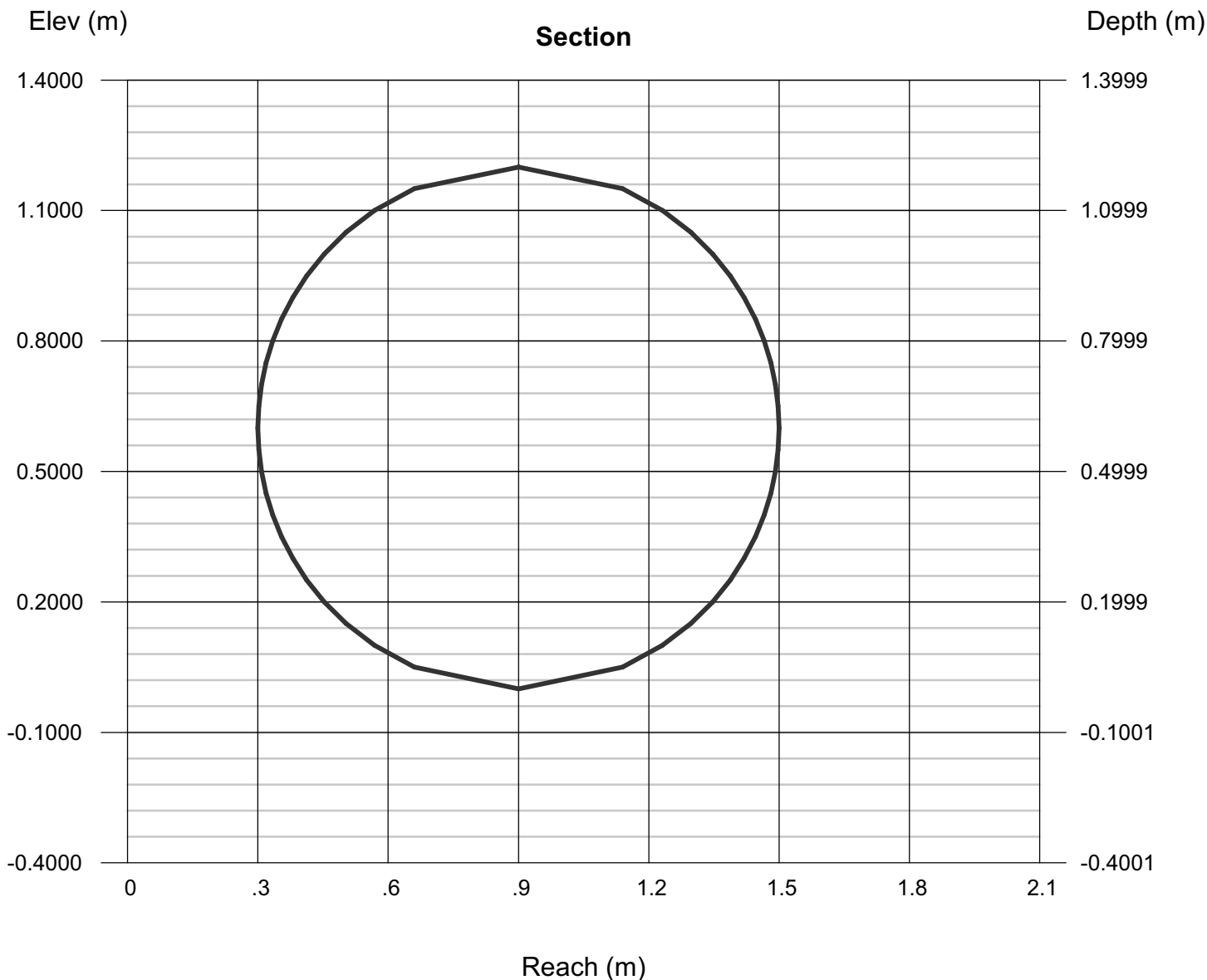
Section

Channel Report

Exutoire n°21

Circular

Diameter (m)	= 1.3000
Invert Elev (m)	= 0.0001
Slope (%)	= 0.9000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.3000
Q (cms)	= 4.5791
Area (sqm)	= 1.3273
Velocity (m/s)	= 3.4498
Wetted Perim (m)	= 4.0841
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.9071
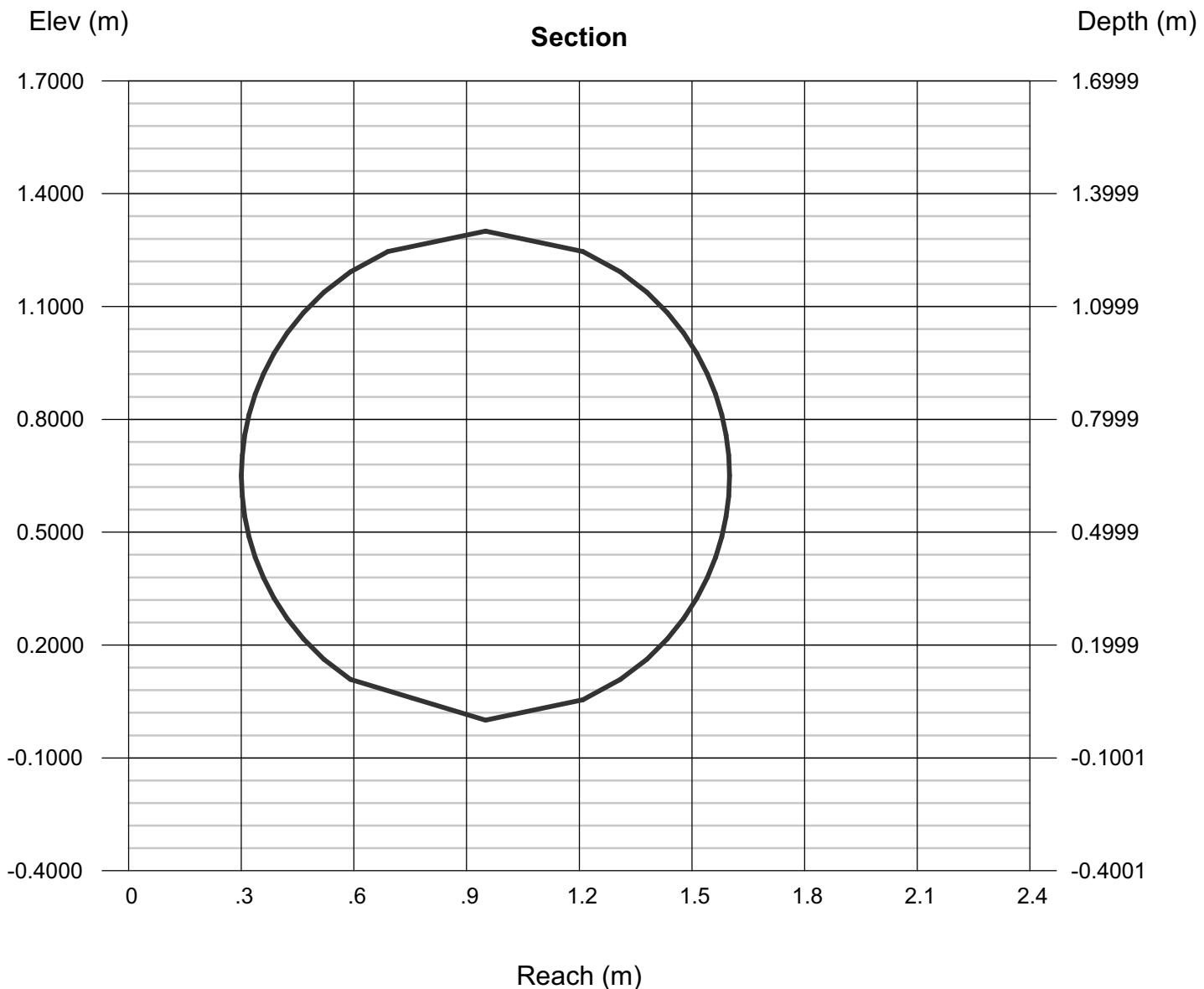
Channel Report

Exutoire n°22

Rectangular

Bottom Width (m)	= 1.7000
Total Depth (m)	= 1.2000
Invert Elev (m)	= 0.0001
Slope (%)	= 0.7000
N-Value	= 0.016

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.2000
Q (cms)	= 6.6997
Area (sqm)	= 2.0400
Velocity (m/s)	= 3.2841
Wetted Perim (m)	= 4.1000
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 1.7000
EGL (m)	= 1.7502

Section

Elev (m) — Depth (m)

Elev (m)	Depth (m)
1.4000	1.3999
1.1000	1.0999
0.8000	0.7999
0.5000	0.4999
0.2000	0.1999
-0.1000	-0.1001
-0.4000	-0.4001

Reach (m): 0   .3   .6   .9   1.2   1.5   1.8   2.1   2.4   2.7
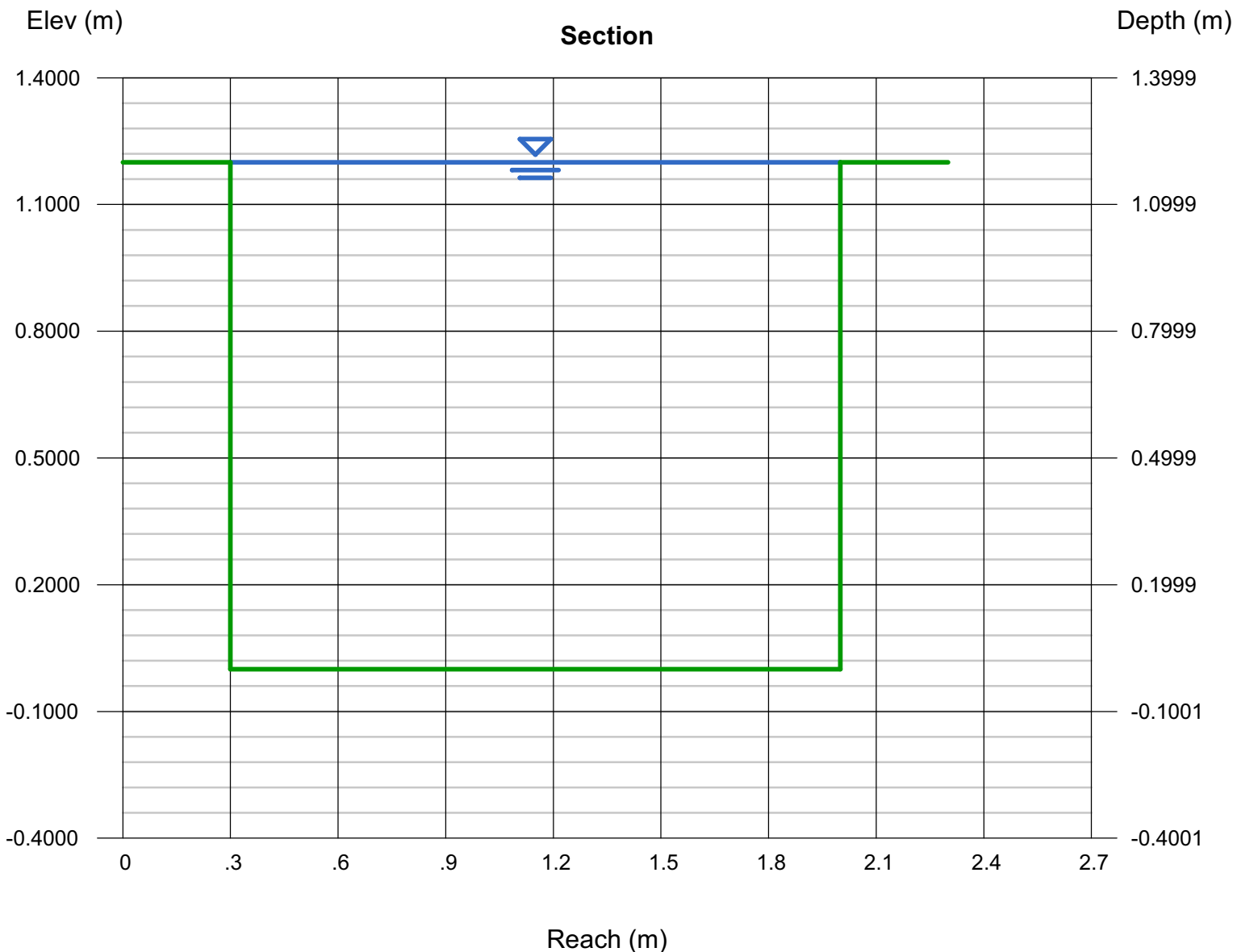
Channel Report

Exutoire n°24

Circular

Diameter (m)	= 0.3000
Invert Elev (m)	= 0.0001
Slope (%)	= 2.6000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.3000
Q (cms)	= 0.156
Area (sqm)	= 0.0707
Velocity (m/s)	= 2.2050
Wetted Perim (m)	= 0.9425
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 0.5480

Elev (m)

Section
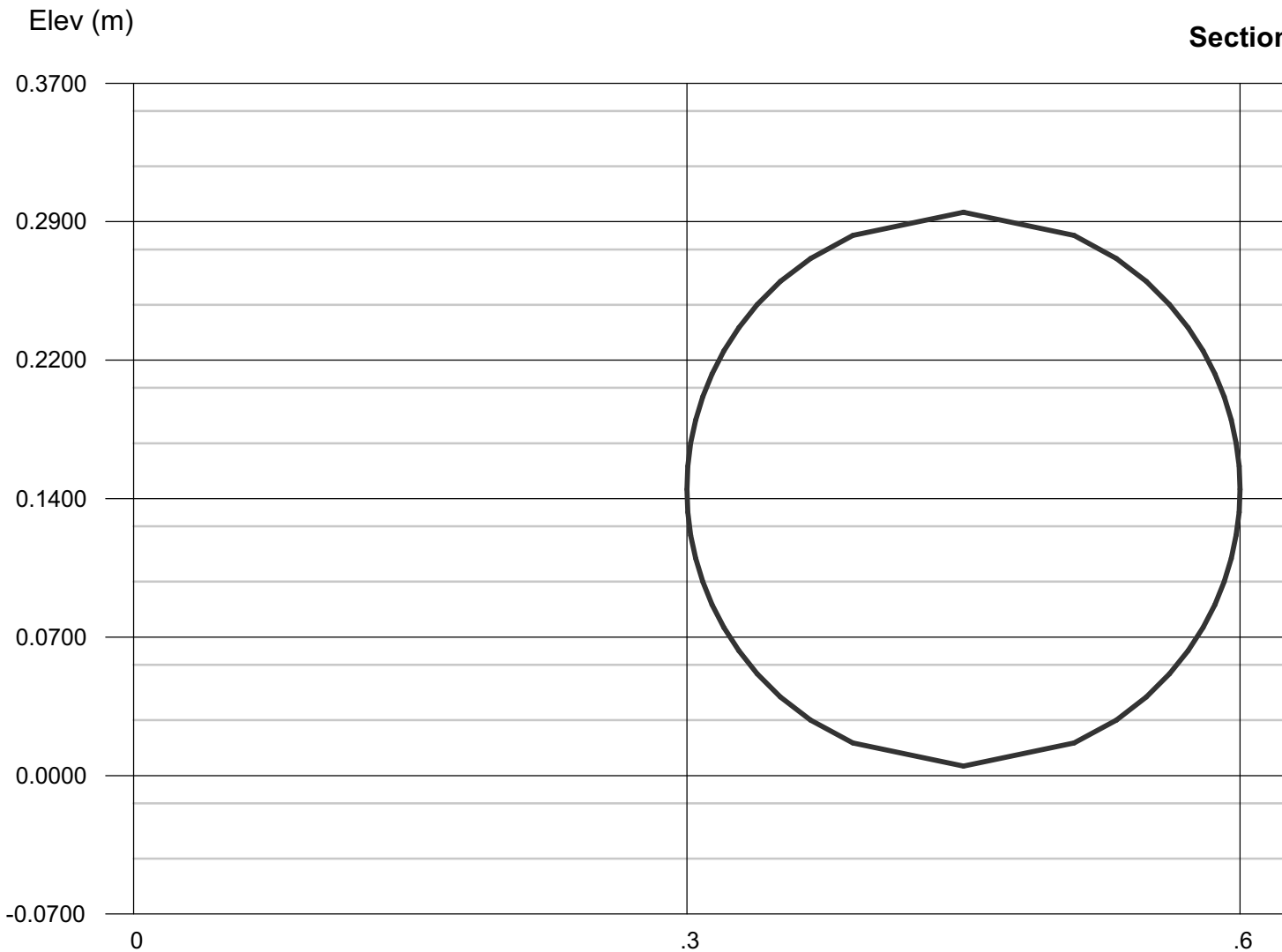
Reach (m)

Channel Report

Exutoire n°25

Circular

Diameter (m)	= 1.8000
Invert Elev (m)	= 0.0001
Slope (%)	= 0.9000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.8000
Q (cms)	= 10.9070
Area (sqm)	= 2.5447
Velocity (m/s)	= 4.2861
Wetted Perim (m)	= 5.6549
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 2.7371

Section

Reach (m)
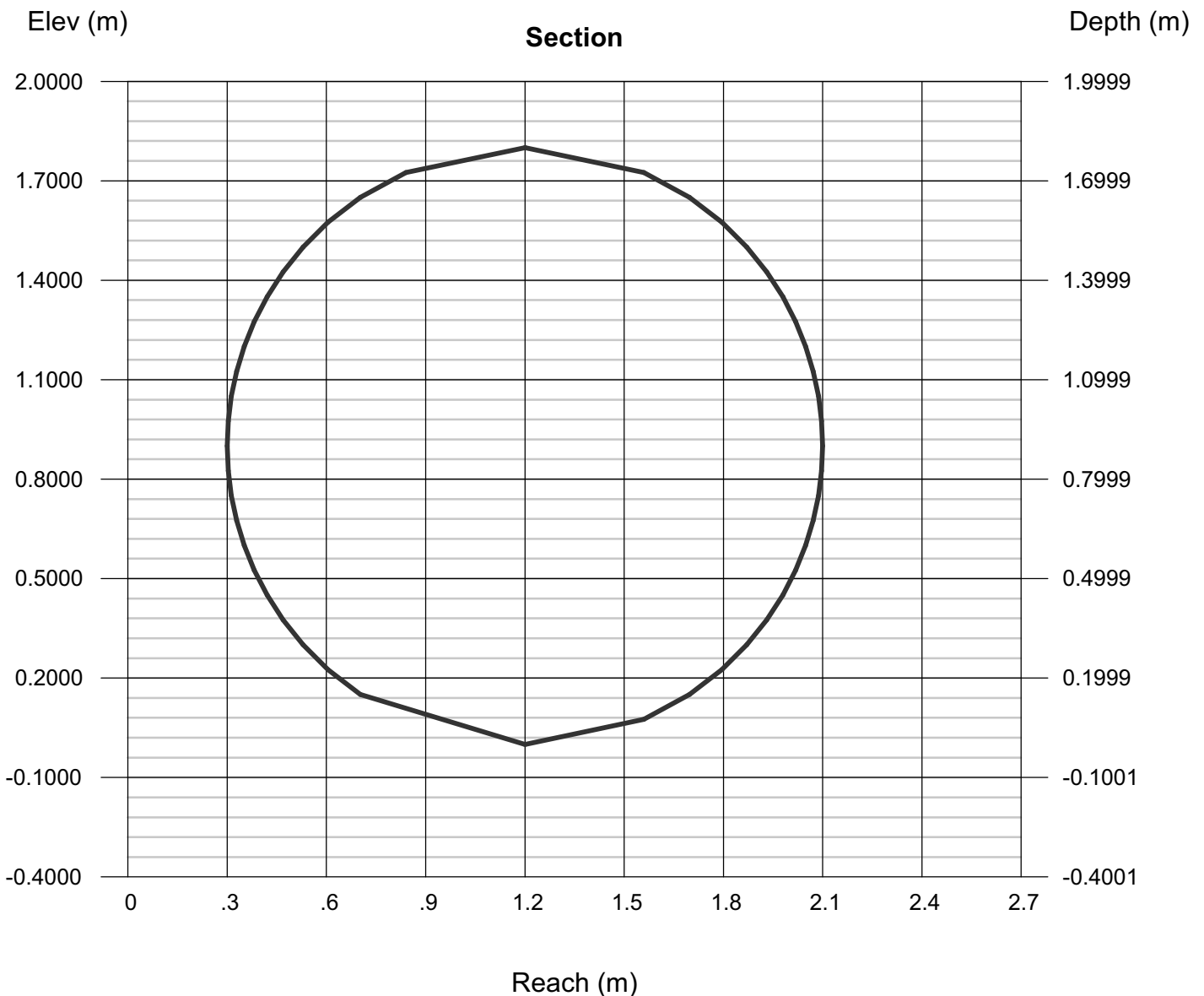
Channel Report

Exutoire n°26

Rectangular

Bottom Width (m)	= 2.3000
Total Depth (m)	= 2.3000
Invert Elev (m)	= 0.0001
Slope (%)	= 0.9000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 2.3000
Q (cms)	= 32
Area (sqm)	= 5.2900
Velocity (m/s)	= 6.1151
Wetted Perim (m)	= 6.9000
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 2.3000
EGL (m)	= 4.2074

Section

Elev (m)

Depth (m)

Reach (m)
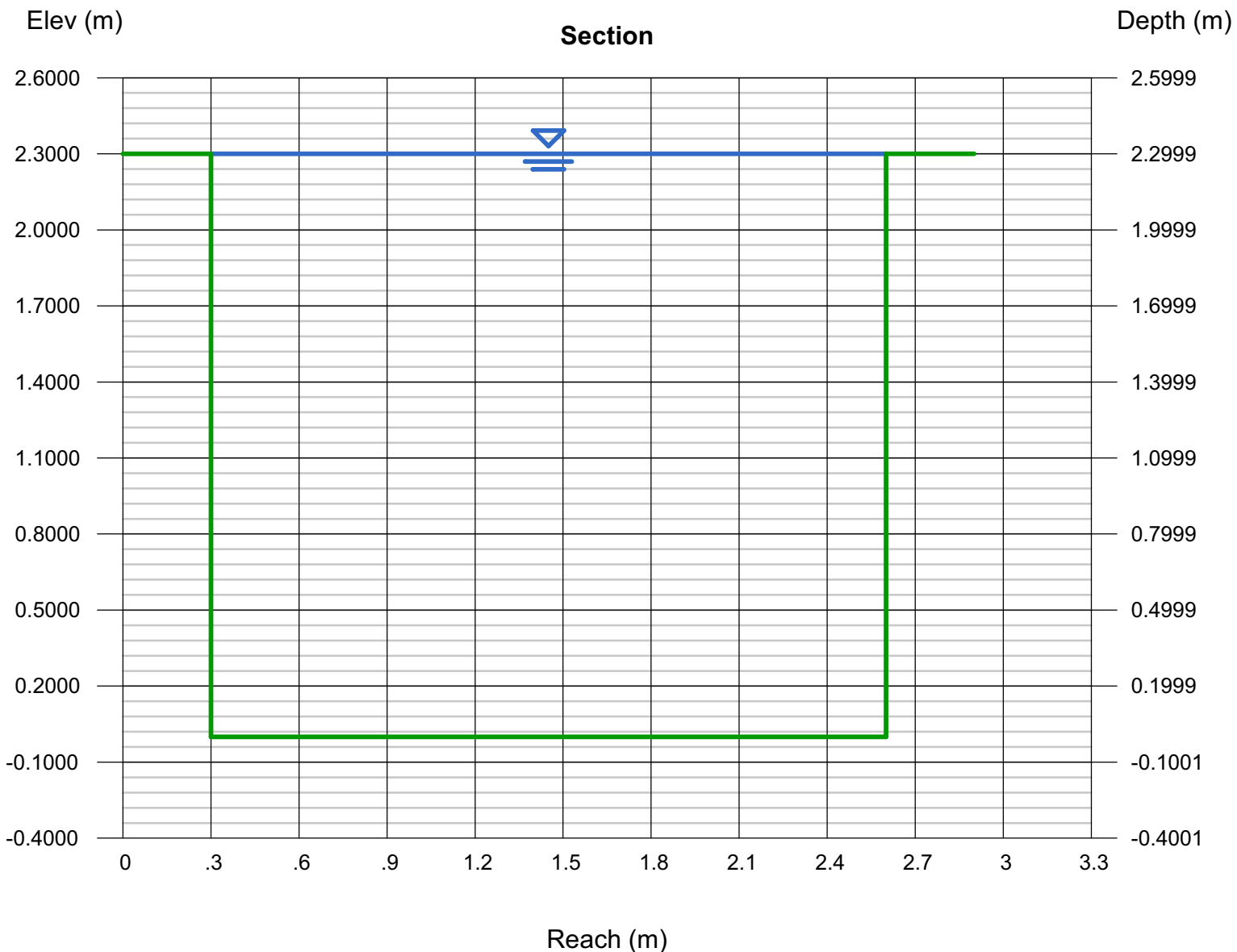
Channel Report

Exutoire n°27

Circular

Diameter (m)	= 0.6000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.5000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.6000
Q (cms)	= 0.7519
Area (sqm)	= 0.2827
Velocity (m/s)	= 2.6592
Wetted Perim (m)	= 1.8850
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 0.9607

Section

Elev (m)

Reach (m)
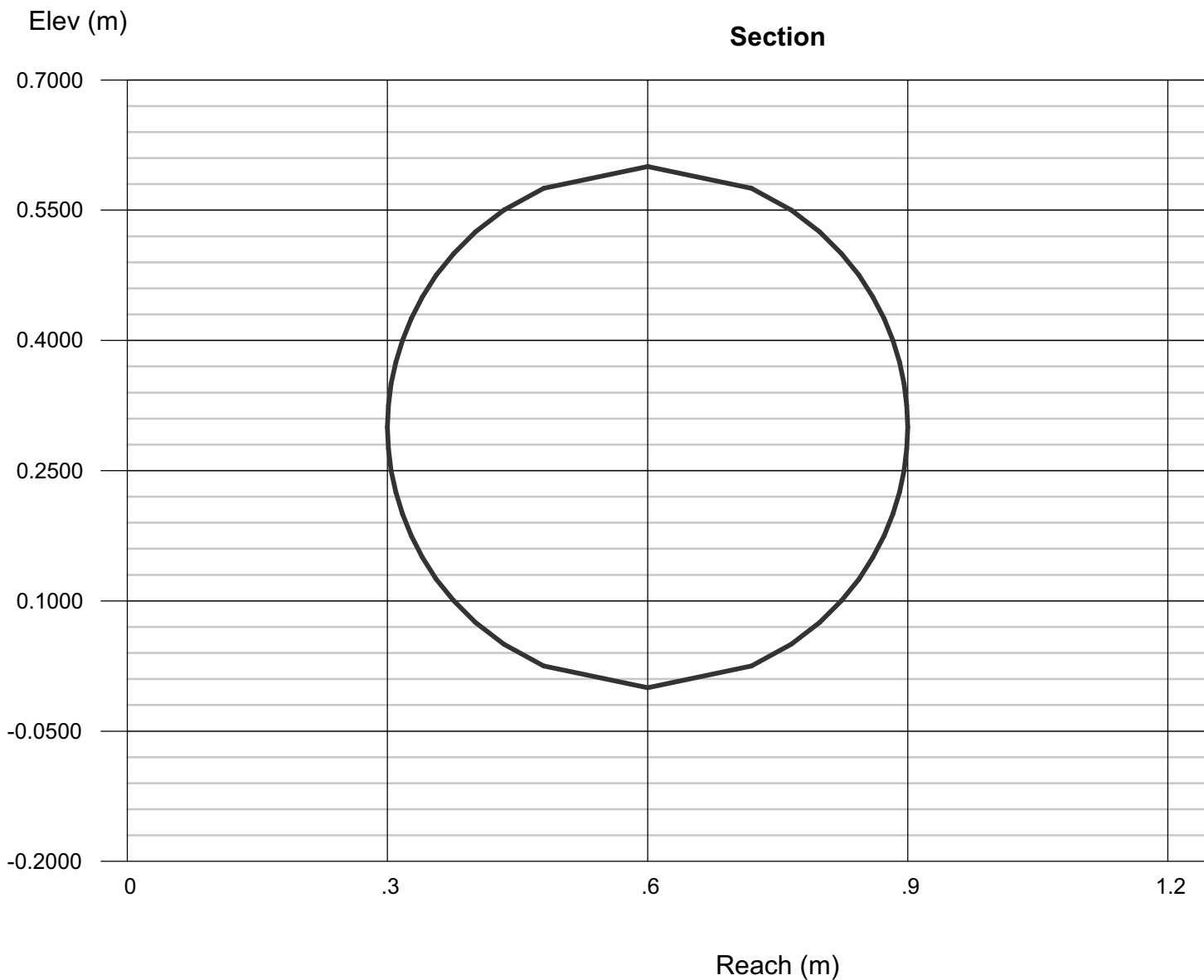
Channel Report

Exutoire n°28

Circular

Diameter (m)	= 0.8000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.5000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.8000
Q (cms)	= 1.6194
Area (sqm)	= 0.5027
Velocity (m/s)	= 3.2217
Wetted Perim (m)	= 2.5133
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.3294

Section

Elev (m)

Reach (m)
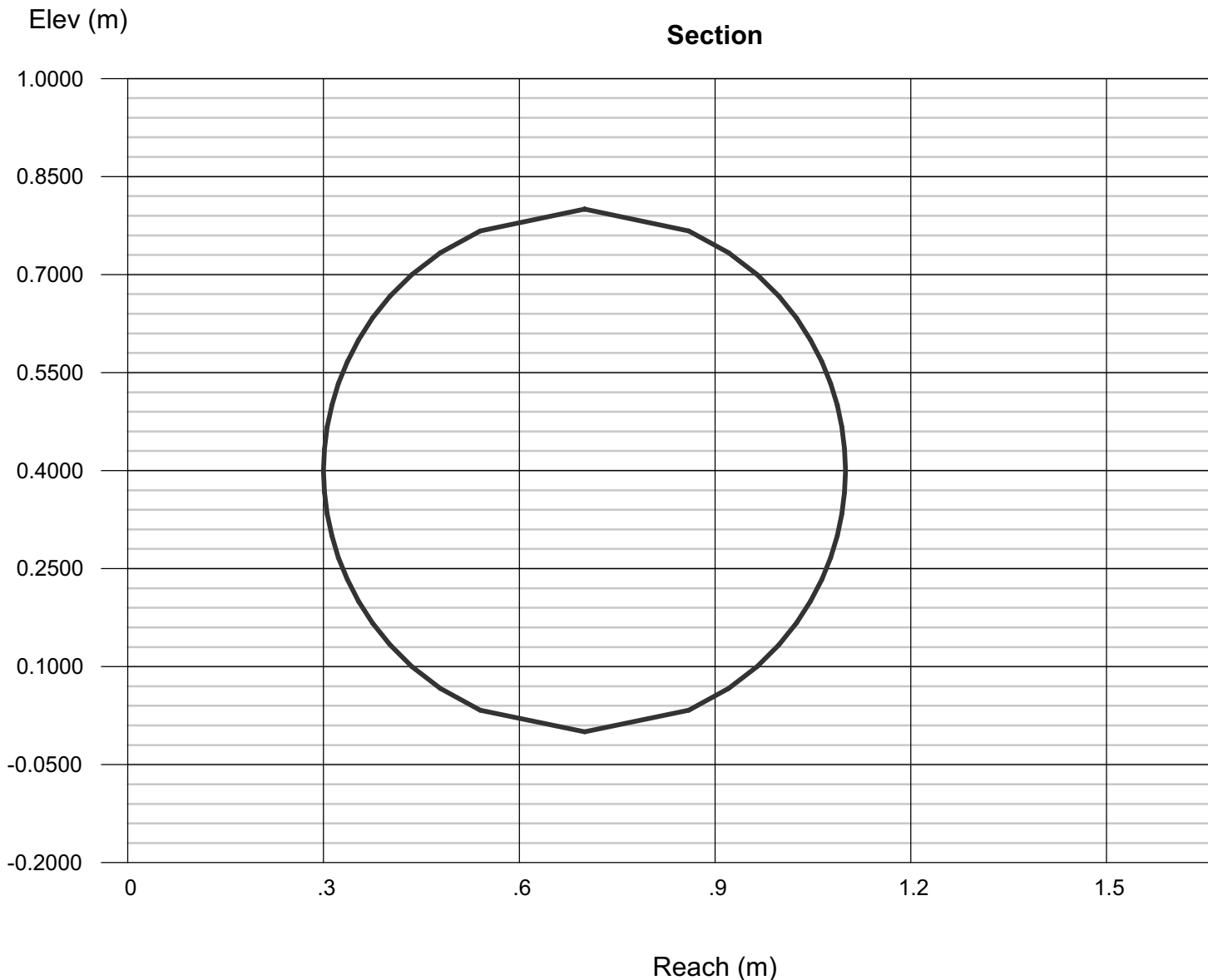
Channel Report

Exutoire n°29

Circular

Diameter (m)	= 1.0000	
Invert Elev (m)	= 0.0001	
Slope (%)	= 1.4000	
N-Value	= 0.013	

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.0000
Q (cms)	= 2.8368
Area (sqm)	= 0.7854
Velocity (m/s)	= 3.6120
Wetted Perim (m)	= 3.1416
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.6655
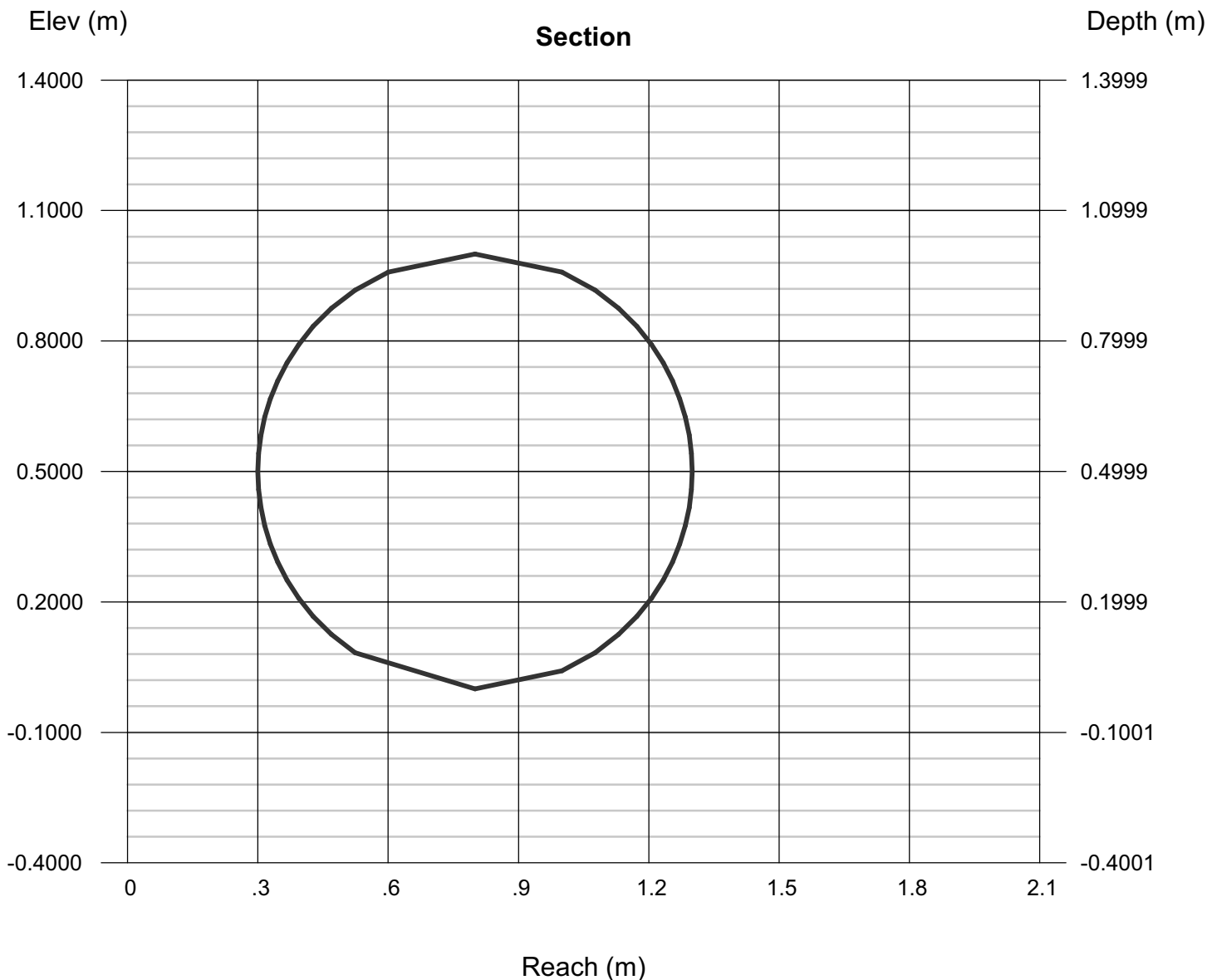
Channel Report

Exutoire n°30

Circular

Diameter (m)	= 1.5000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.4000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.5000
Q (cms)	= 8.3651
Area (sqm)	= 1.7671
Velocity (m/s)	= 4.7336
Wetted Perim (m)	= 4.7124
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 2.6430
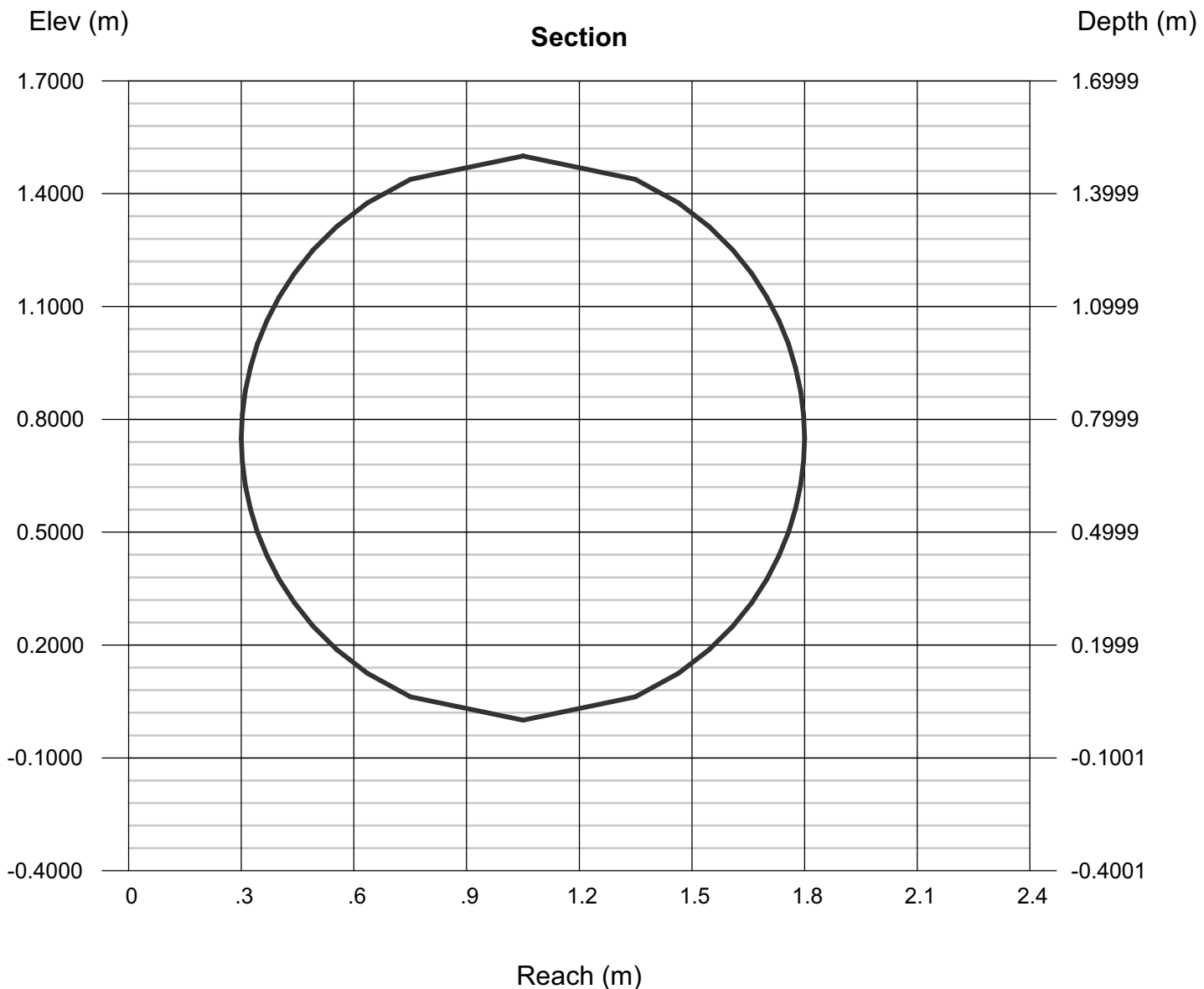
Channel Report

Exutoire n°31

Circular

Diameter (m)	= 1.0000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.1000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.0000
Q (cms)	= 2.5146
Area (sqm)	= 0.7854
Velocity (m/s)	= 3.2017
Wetted Perim (m)	= 3.1416
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.5229
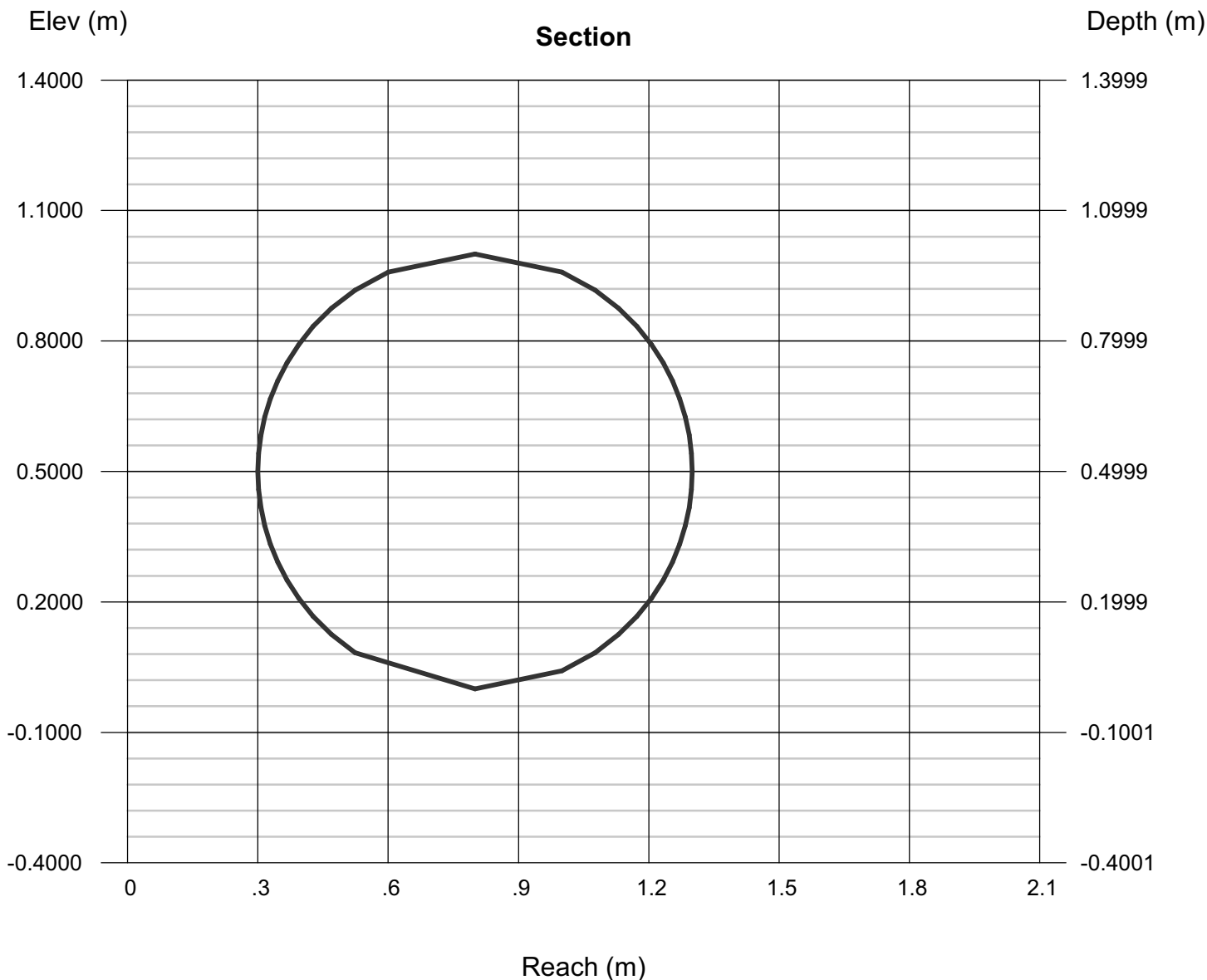
Channel Report

Exutoire n°32

Circular

Diameter (m)	= 1.8000	
Invert Elev (m)	= 0.0001	
Slope (%)	= 0.7000	
N-Value	= 0.013	

Highlighted

Depth (m)	= 1.8000
Q (cms)	= 9.6190
Area (sqm)	= 2.5447
Velocity (m/s)	= 3.7800
Wetted Perim (m)	= 5.6549
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 2.5288

Calculations

Compute by:	Q vs Depth
No. Increments	= 1
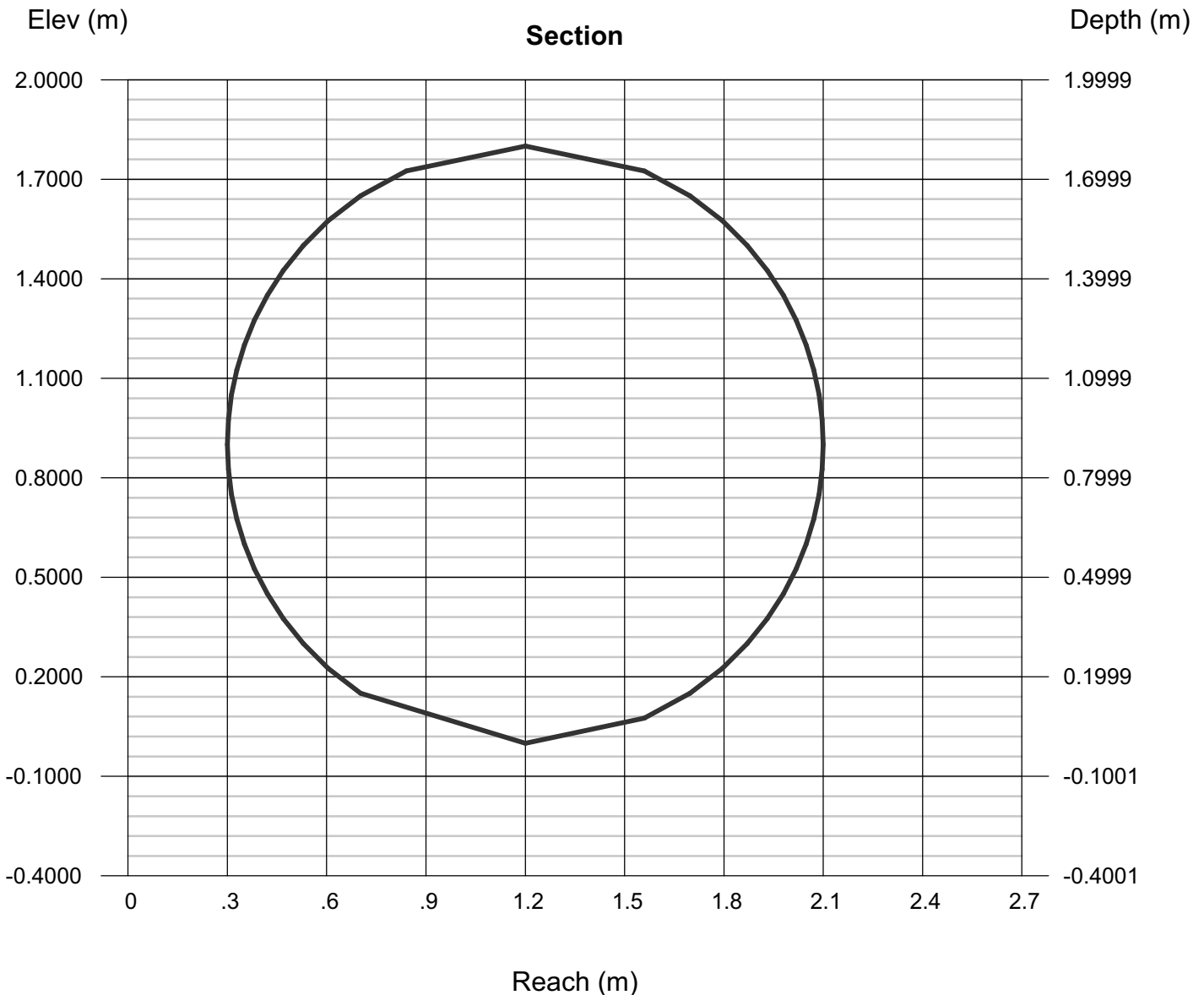
Channel Report

Exutoire n°33

Rectangular
Bottom Width (m)	= 3.0000
Total Depth (m)	= 2.0000
Invert Elev (m)	= 0.0001
Slope (%)	= 0.7300
N-Value	= 0.013

Calculations
Compute by:	Q vs Depth
No. Increments	= 1

Highlighted
Depth (m)	= 2.0000
Q (cms)	= 36
Area (sqm)	= 6.0000
Velocity (m/s)	= 5.9328
Wetted Perim (m)	= 7.0000
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 3.0000
EGL (m)	= 3.7954
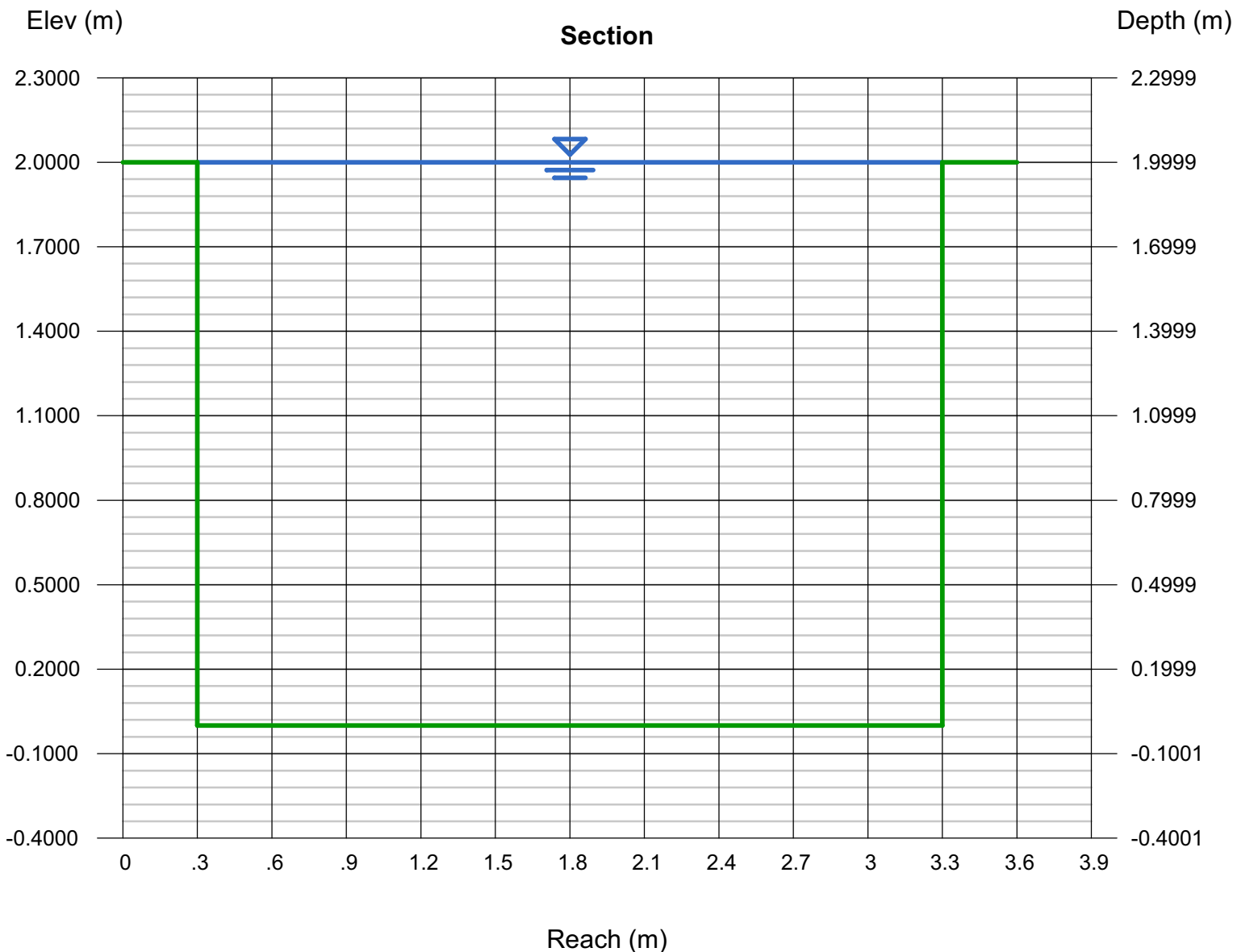
Channel Report

Exutoire n°34

Rectangular

Bottom Width (m)	= 1.5000
Total Depth (m)	= 1.5000
Invert Elev (m)	= 0.0001
Slope (%)	= 0.9000
N-Value	= 0.016

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.5000
Q (cms)	= 8.4061
Area (sqm)	= 2.2500
Velocity (m/s)	= 3.7360
Wetted Perim (m)	= 4.5000
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 1.5000
EGL (m)	= 2.2120

Section

Elev (m) / Depth (m)

Reach (m)
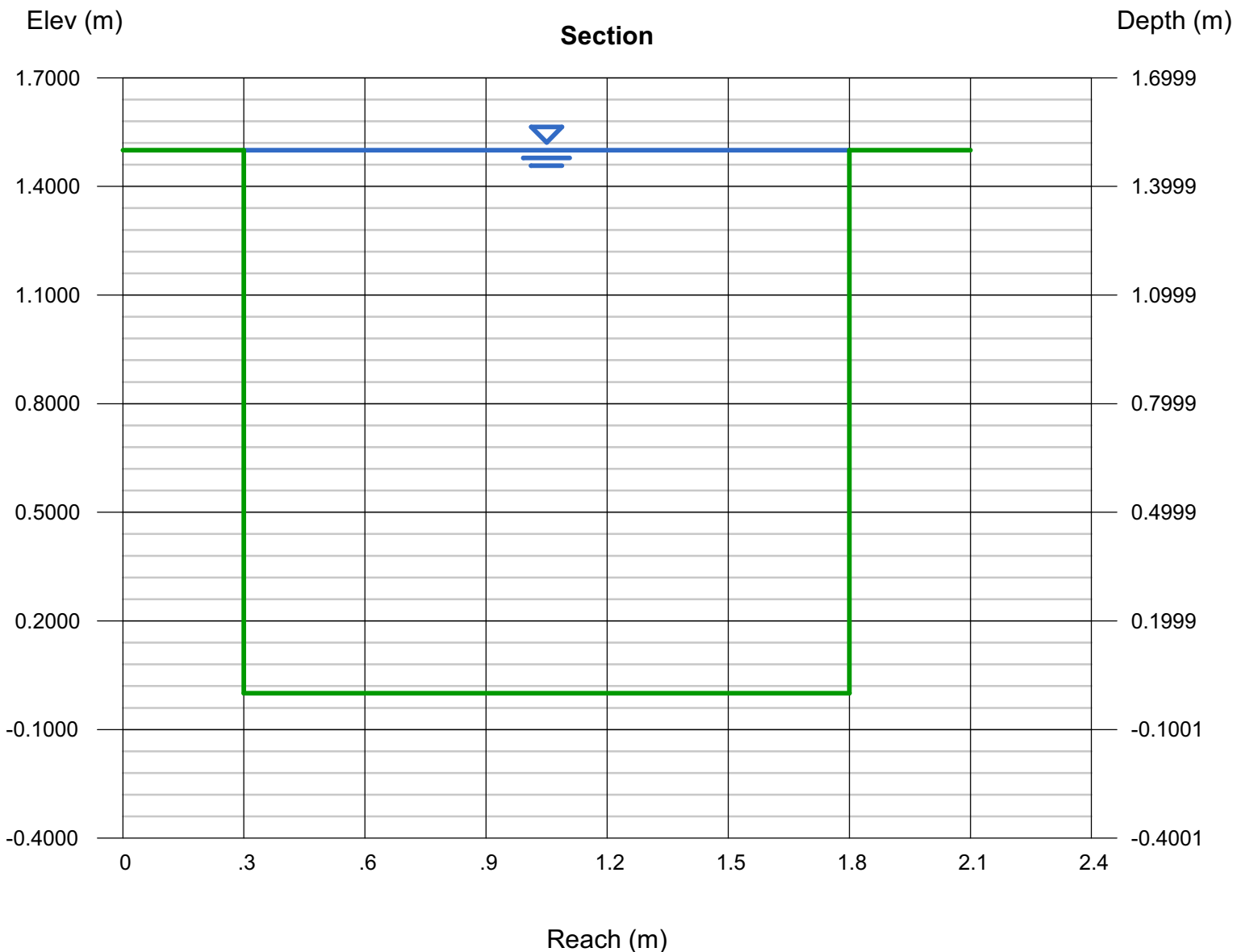
Channel Report

Exutoire n°35

Circular

Diameter (m)	= 0.8000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.5000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.8000
Q (cms)	= 1.6194
Area (sqm)	= 0.5027
Velocity (m/s)	= 3.2217
Wetted Perim (m)	= 2.5133
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.3294

Elev (m)

Section

Reach (m)
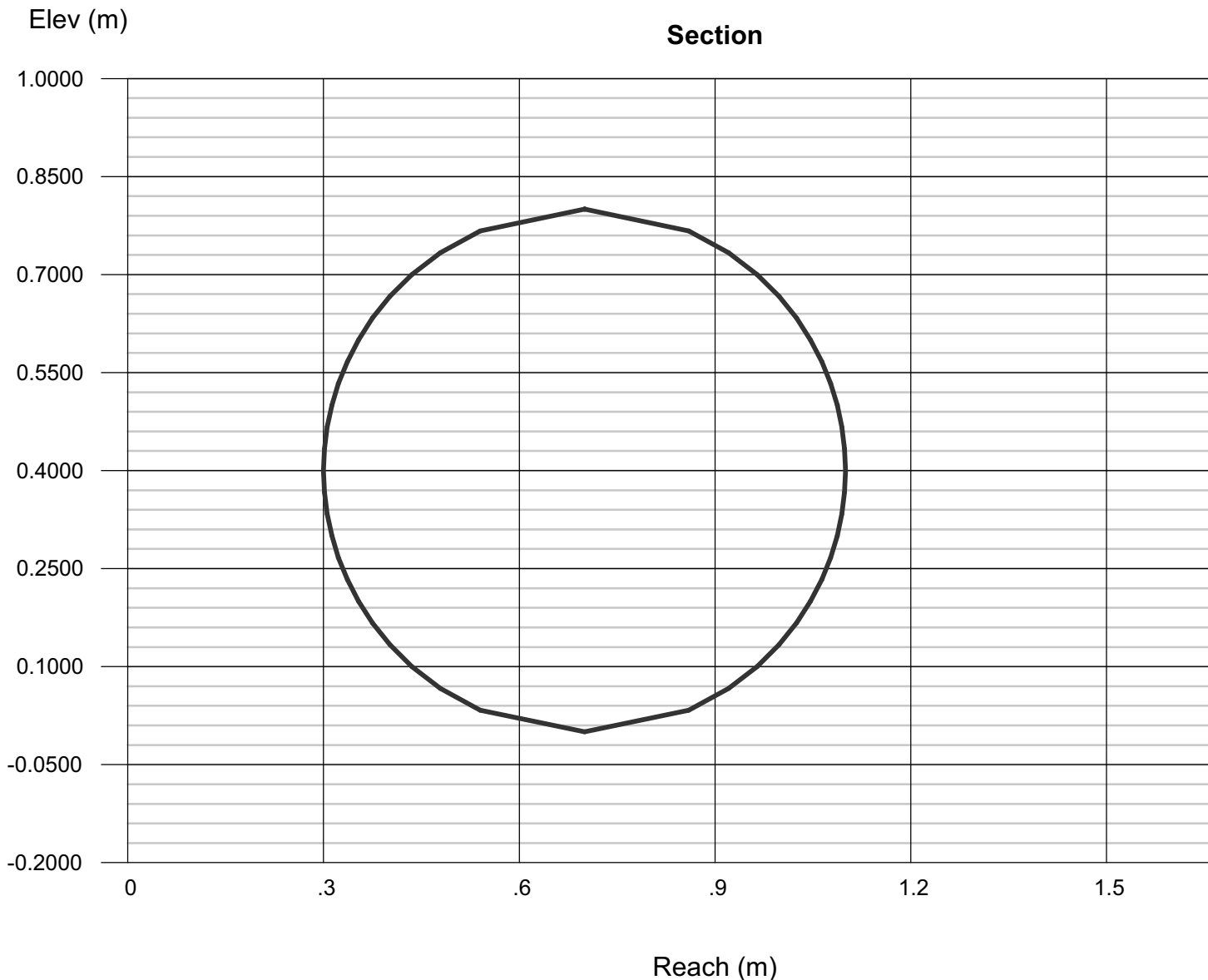
Channel Report

Exutoire n°36

Circular

Diameter (m)	= 0.8000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.5000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.8000
Q (cms)	= 1.6194
Area (sqm)	= 0.5027
Velocity (m/s)	= 3.2217
Wetted Perim (m)	= 2.5133
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.3294

Elev (m)

Section

Reach (m)

Channel Report

Exutoire n°37

Circular

Diameter (m)	= 1.2000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.0000
N-Value	= 0.013

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 1.2000
Q (cms)	= 3.8989
Area (sqm)	= 1.1310
Velocity (m/s)	= 3.4474
Wetted Perim (m)	= 3.7699
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 1.8062

Channel Report

Exutoire n°40

Circular
Diameter (m)	= 0.1500
Invert Elev (m)	= 0.0001
Slope (%)	= 1.0000
N-Value	= 0.010

Calculations
Compute by:	Q vs Depth
No. Increments	= 1

Highlighted
Depth (m)	= 0.1500
Q (cms)	= 0.020
Area (sqm)	= 0.0177
Velocity (m/s)	= 1.1196
Wetted Perim (m)	= 0.4712
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 0.2139

Elev (m)

Section
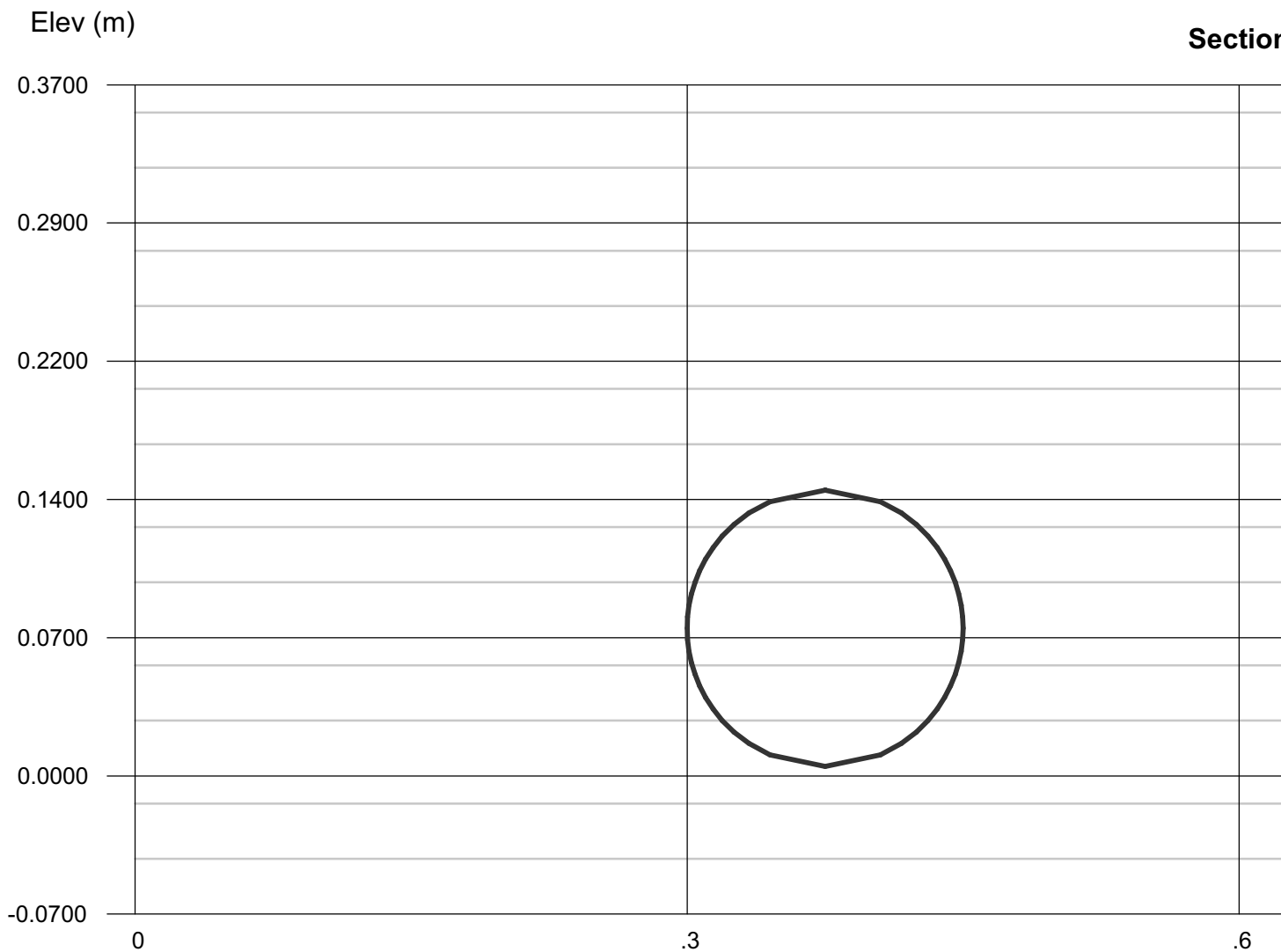
Reach (m)

Channel Report

Exutoire n°41

Circular

Diameter (m)	= 0.5000
Invert Elev (m)	= 0.0001
Slope (%)	= 1.5000
N-Value	= 0.010

Calculations

Compute by:	Q vs Depth
No. Increments	= 1

Highlighted

Depth (m)	= 0.5000
Q (cms)	= 0.6011
Area (sqm)	= 0.1963
Velocity (m/s)	= 3.0611
Wetted Perim (m)	= 1.5708
Crit Depth, Yc (m)	= 0.0030
Top Width (m)	= 0.0000
EGL (m)	= 0.9780

Elev (m)

Section

Reach (m)