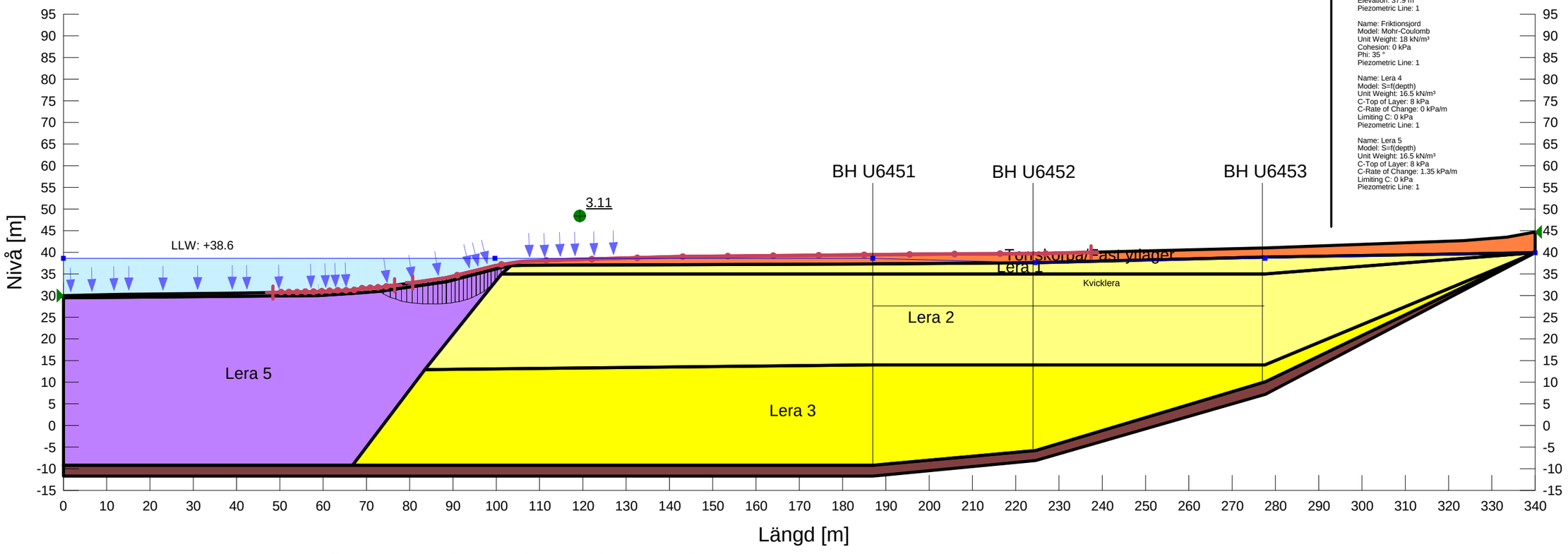
Göta älvutredningen

KLIMATANPASSNING SKREDFÖRUTSÄTTNINGAR I GÖTA ÄLVDAL

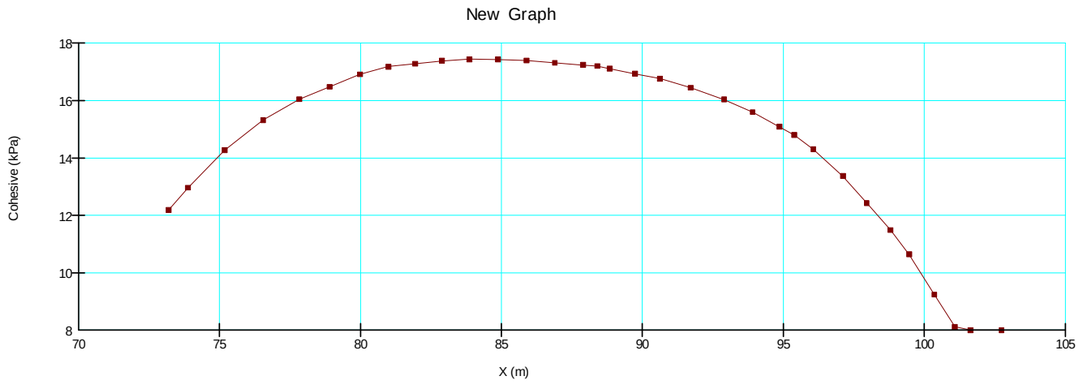
Sektion: 03400WUS
Delområde: Vargön - Intagan
Analysmetod: Odräneard

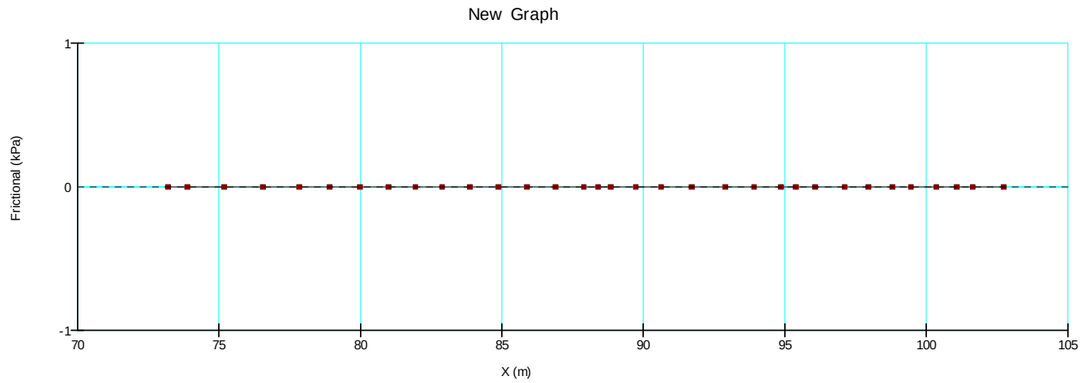
Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
Date: 2011-04-20
Last edited by: Daniel Lindberg

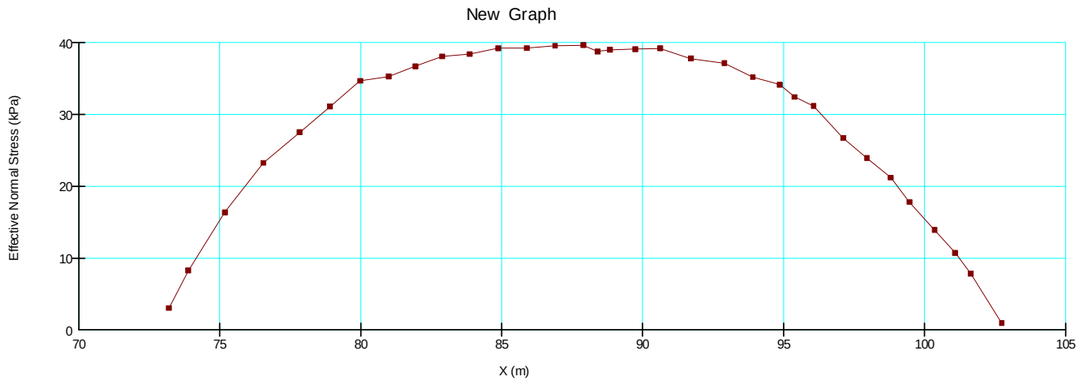
Skala 1:1000 (A3)

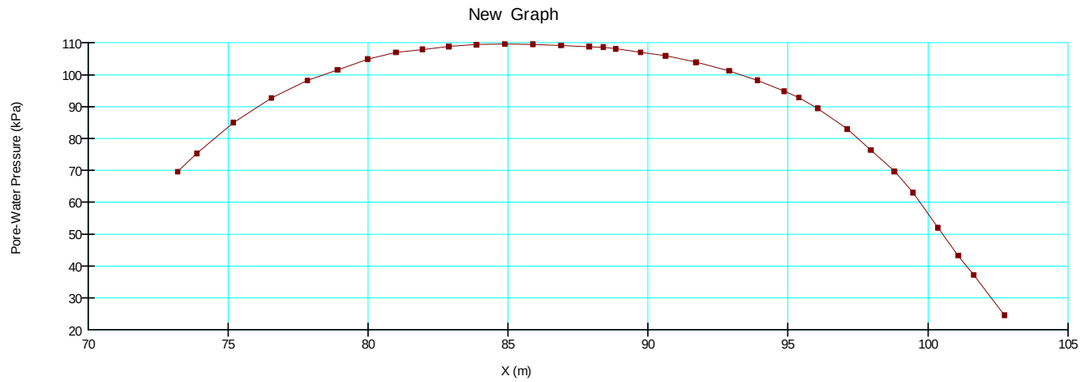


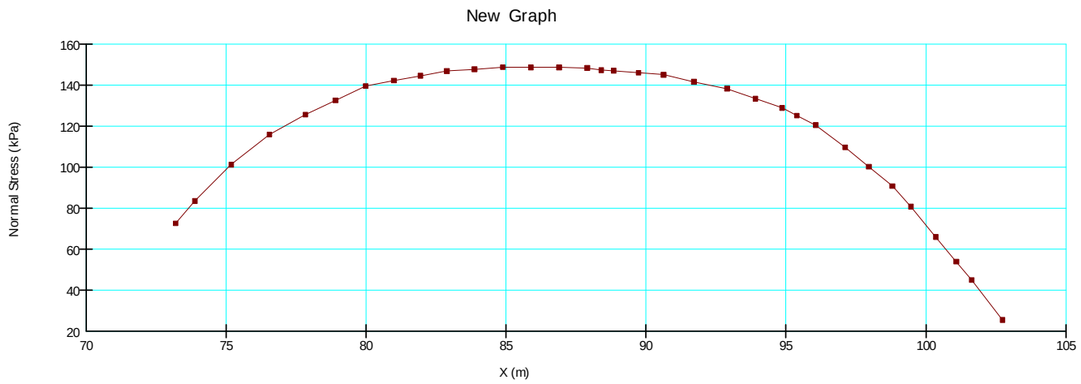
Directory: \\Anita\uppdrag\2010\U10021_SGI Göta Älv Etapp 6\100419\GÄU DELOMRÅDE 6\Delområde 1-10\Delområde 6-14086\Geoteknik\Arbetsmaterial\Beräkningar\Sektion 45\Uppdaterade\Kvicklera\
File Name: 03400WUS Kvicklera.gsz


New Graph
Cohesive (kPa)
18
16
14
12
10
8
70
75
80
85
90
95
100
105
X (m)


New Graph
Frictional (kPa)
1
0
-1
70
75
80
85
90
95
100
105
X (m)


New Graph
Effective Normal Stress (kPa)
40
30
20
10
0
70
75
80
85
90
95
100
105
X (m)


New Graph
Pore-Water Pressure (kPa)
110
100
90
80
70
60
50
40
30
20
70
75
80
85
90
95
100
105
X (m)


New Graph
Normal Stress (kPa)
160
140
120
100
80
60
40
20
70
75
80
85
90
95
100
105
X (m)

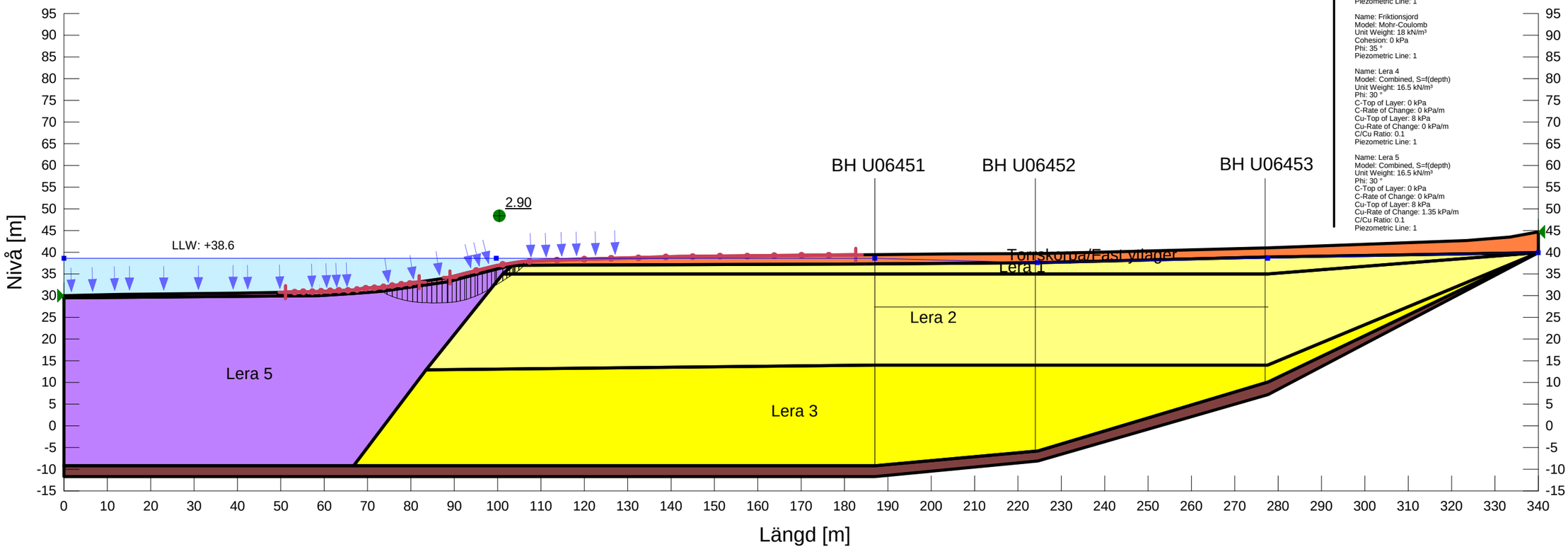
Göta älvutredningen

KLIMATANPASSNING SKREDFÖRUTSÄTTNINGAR I GÖTA ÄLVDAL

Sektion: 03400WKS
Delområde: Vargön - Intagan
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
Date: 2011-04-20
Last edited by: Daniel Lindberg

Skala 1:1000 (A3)



Name: Torrskorpa/Fast ytlager
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Piezometric Line: 1

Name: Lera 1
Model: Combined, S=f(datum)
Unit Weight: 16.2 kN/m³
Phi: 30 °
C-Datum: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 15 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Elevation: 37.9 m
Piezometric Line: 1

Name: Lera 2
Model: Combined, S=f(datum)
Unit Weight: 16.5 kN/m³
Phi: 30 °
C-Datum: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 15 kPa
Cu-Rate of Change: 1.6 kPa/m
C/Cu Ratio: 0.1
Elevation: 37.9 m
Piezometric Line: 1

Name: Lera 3
Model: Combined, S=f(datum)
Unit Weight: 16.8 kN/m³
Phi: 30 °
C-Datum: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 15 kPa
Cu-Rate of Change: 1.6 kPa/m
C/Cu Ratio: 0.1
Elevation: 37.9 m
Piezometric Line: 1

Name: Friktionsjord
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Piezometric Line: 1

Name: Lera 4
Model: Combined, S=f(depth)
Unit Weight: 16.5 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 8 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Lera 5
Model: Combined, S=f(depth)
Unit Weight: 16.5 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 8 kPa
Cu-Rate of Change: 1.35 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

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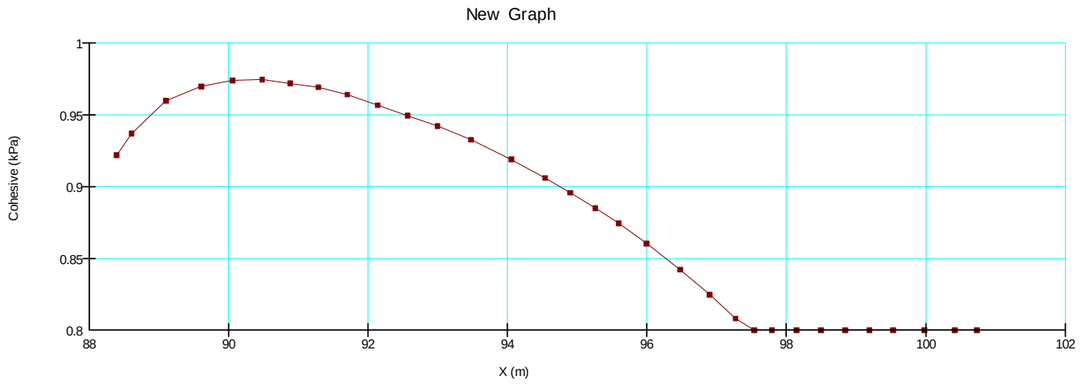
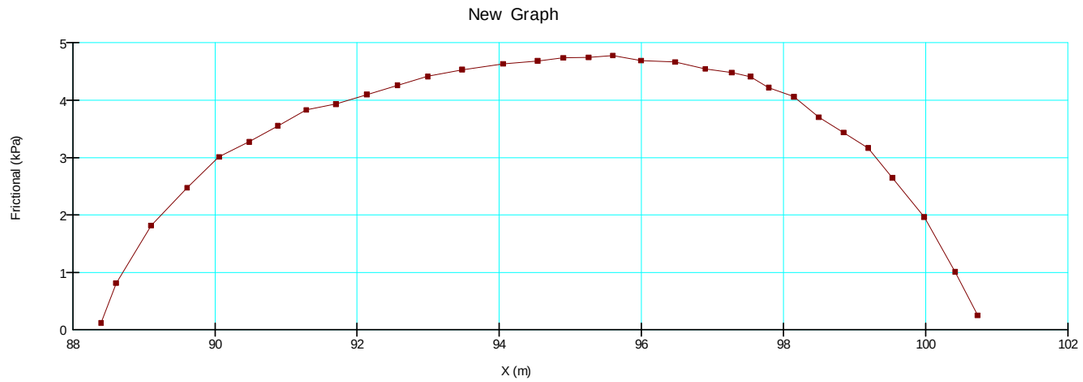
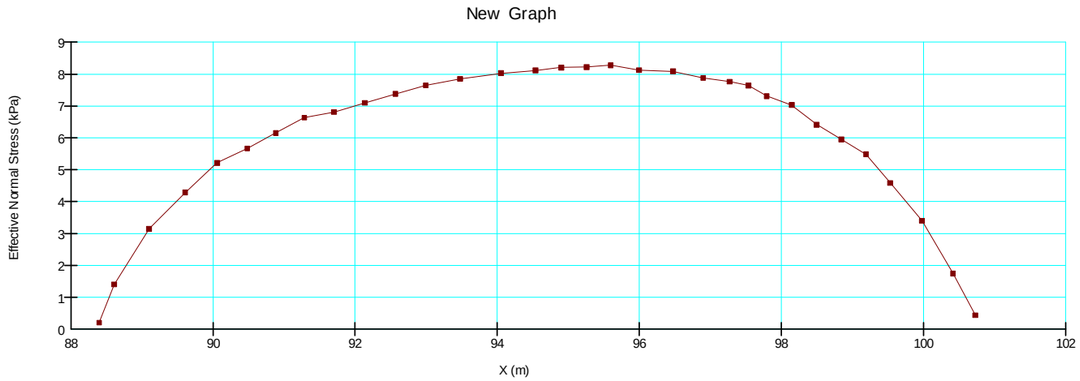
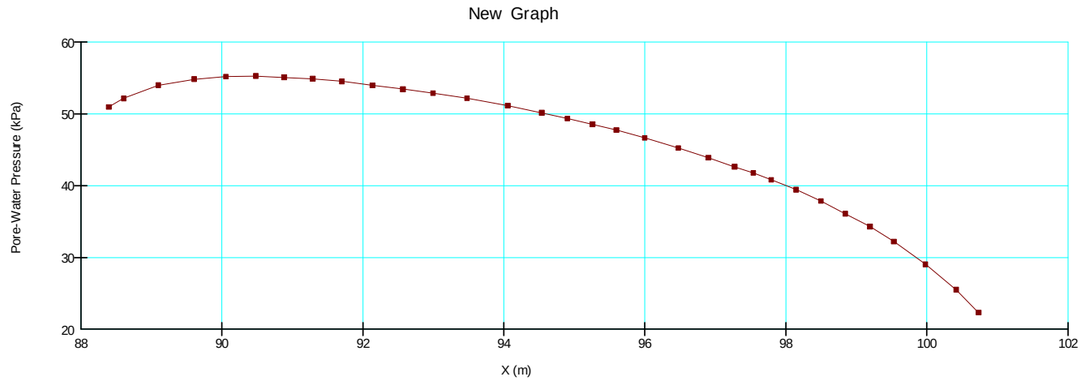
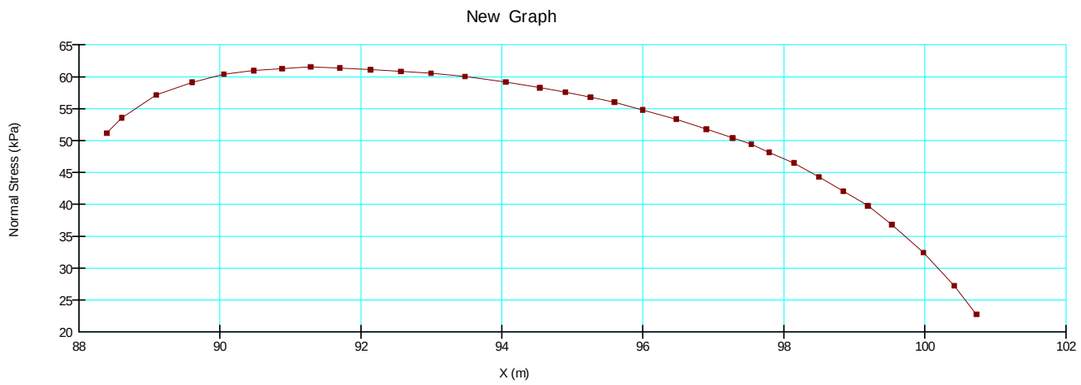
File Name: 03400WKS Kvicklera.gsz


New Graph
Cohesive (kPa)
1
0.95
0.9
0.85
0.8
88
90
92
94
96
98
100
102
X (m)


New Graph
Frictional (kPa)
5
4
3
2
1
0
88
90
92
94
96
98
100
102
X (m)


New Graph
Effective Normal Stress (kPa)
9
8
7
6
5
4
3
2
1
0
88
90
92
94
96
98
100
102
X (m)


New Graph
Pore-Water Pressure (kPa)
60
50
40
30
20
88
90
92
94
96
98
100
102
X (m)


New Graph
Normal Stress (kPa)
65
60
55
50
45
40
35
30
25
20
88
90
92
94
96
98
100
102
X (m)

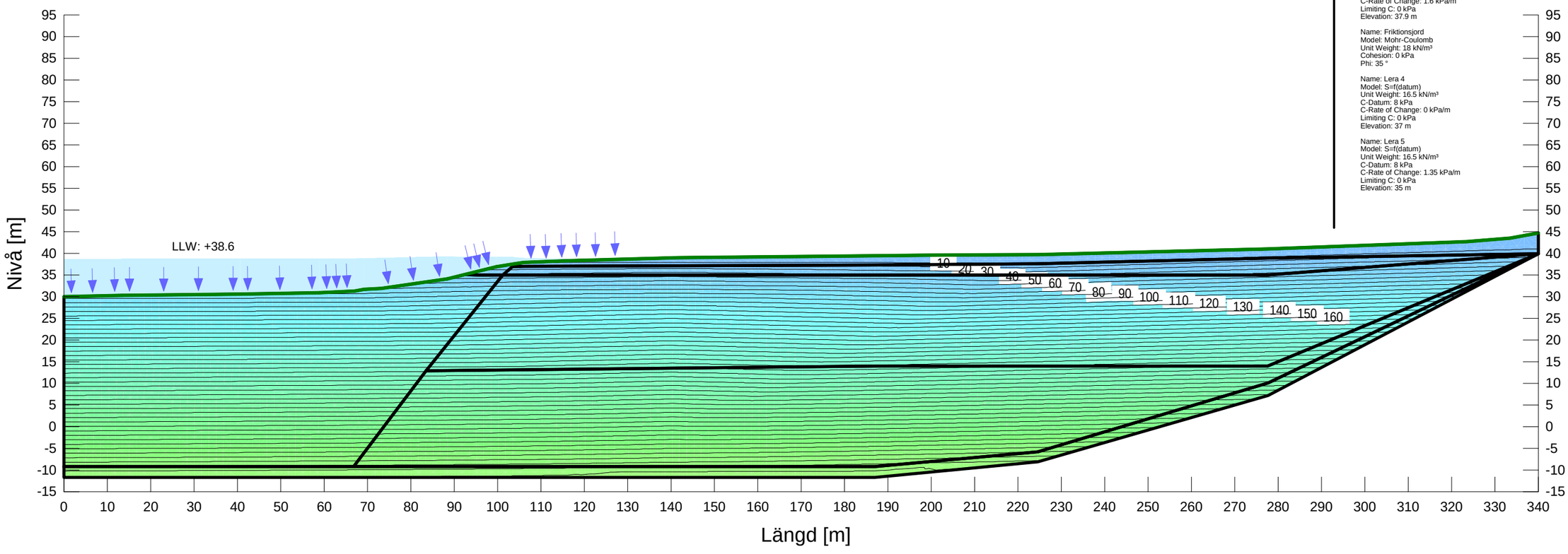
Göta älvutredningen

KLIMATANPASSNING SKREDFÖRUTSÄTTNINGAR I GÖTA ÄLVDAL

Sektion: 03400WUS
Delområde: Vargön - Intagan
Analysmetod: Odräneard

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
Date: 2010-12-16
Last edited by: Daniel Lindberg

Skala 1:1000 (A3)



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