Göta älvutredningen

KLIMATANPASSNING SKREDFÖRUTSÄTTNINGAR I GÖTA ÄLVDAL

Sektion: 04220WUS
Delområde: Vargön - Intagan
Analysmetod: Undrained

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

Name: Lera 1
Model: S=f(datum)
Unit Weight: 16 kN/m³
C-Datum: 22 kPa
C-Rate of Change: 0 kPa/m
Limiting C: 0 kPa
Elevation: 38 m

Name: Lera 2
Model: S=f(datum)
Unit Weight: 16 kN/m³
C-Datum: 22 kPa
C-Rate of Change: 1.42 kPa/m
Limiting C: 0 kPa
Elevation: 37 m

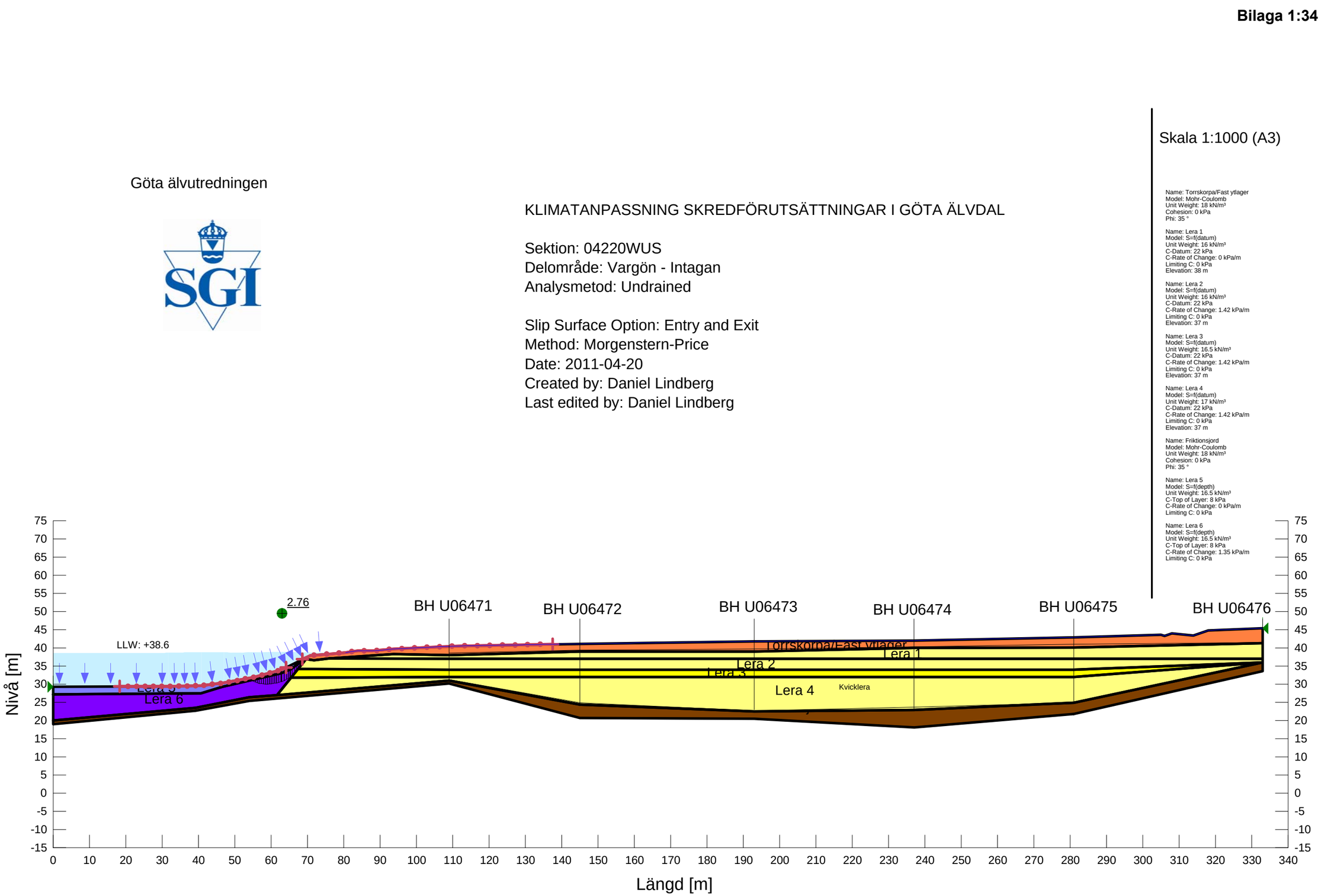
Name: Lera 3
Model: S=f(datum)
Unit Weight: 16.5 kN/m³
C-Datum: 22 kPa
C-Rate of Change: 1.42 kPa/m
Limiting C: 0 kPa
Elevation: 37 m

Name: Lera 4
Model: S=f(datum)
Unit Weight: 17 kN/m³
C-Datum: 22 kPa
C-Rate of Change: 1.42 kPa/m
Limiting C: 0 kPa
Elevation: 37 m

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

Name: Lera 5
Model: S=f(depth)
Unit Weight: 16.5 kN/m³
C-Top of Layer: 8 kPa
C-Rate of Change: 0 kPa/m
Limiting C: 0 kPa

Name: Lera 6
Model: S=f(depth)
Unit Weight: 16.5 kN/m³
C-Top of Layer: 8 kPa
C-Rate of Change: 1.35 kPa/m
Limiting C: 0 kPa



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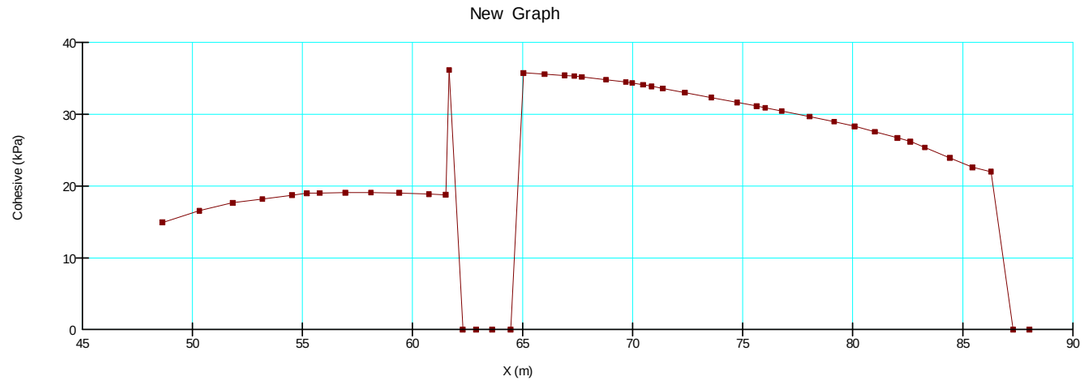
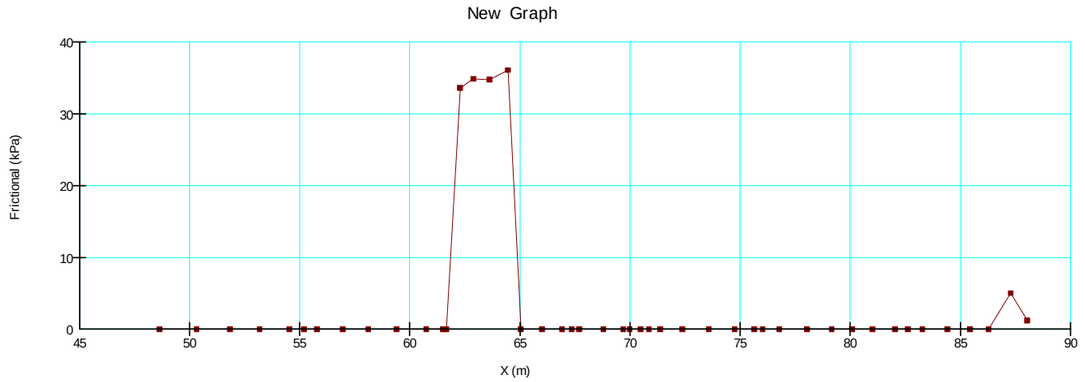
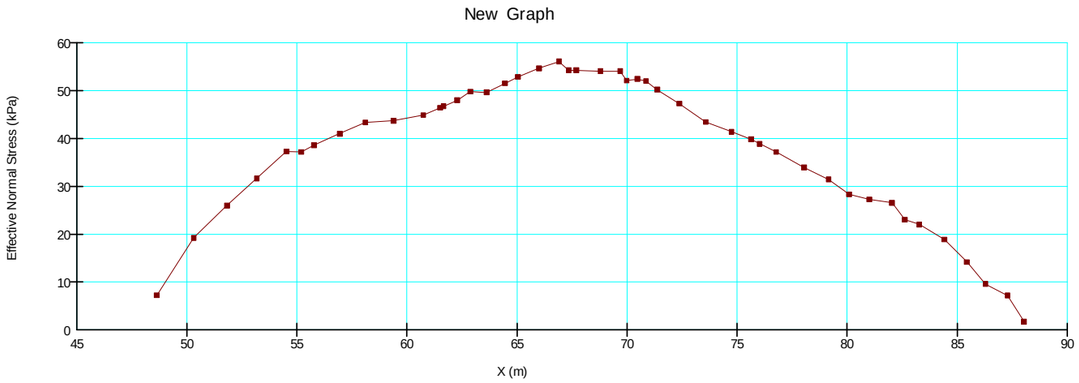
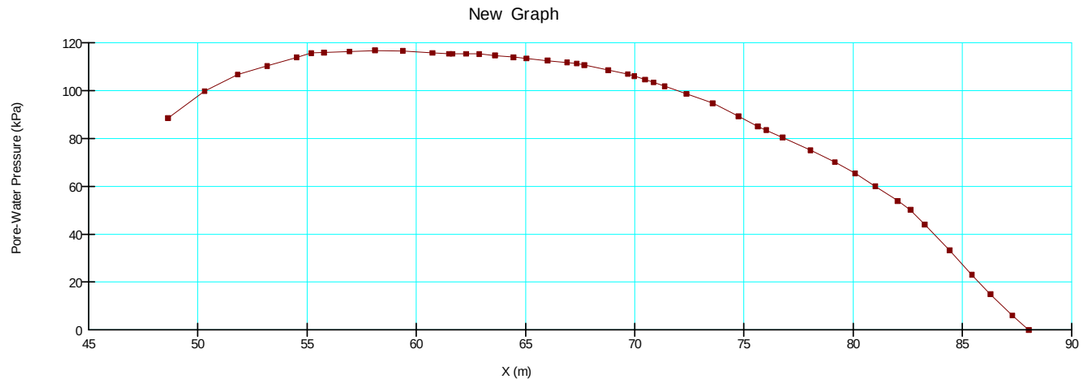
File Name: 04220WUS Kvicklera.gsz

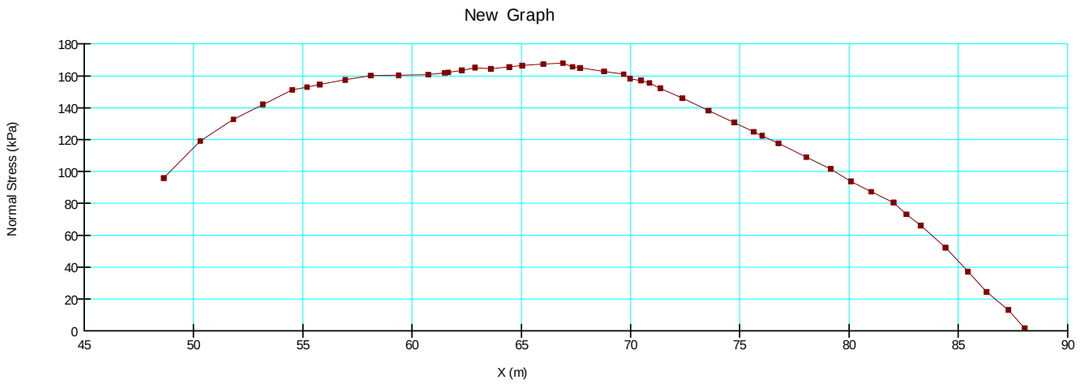
75


New Graph
Cohesive (kPa)
X (m)


New Graph
Frictional (kPa)
X (m)


New Graph
Effective Normal Stress (kPa)
X (m)


New Graph
Pore-Water Pressure (kPa)
X (m)


New Graph
Normal Stress (kPa)
X (m)

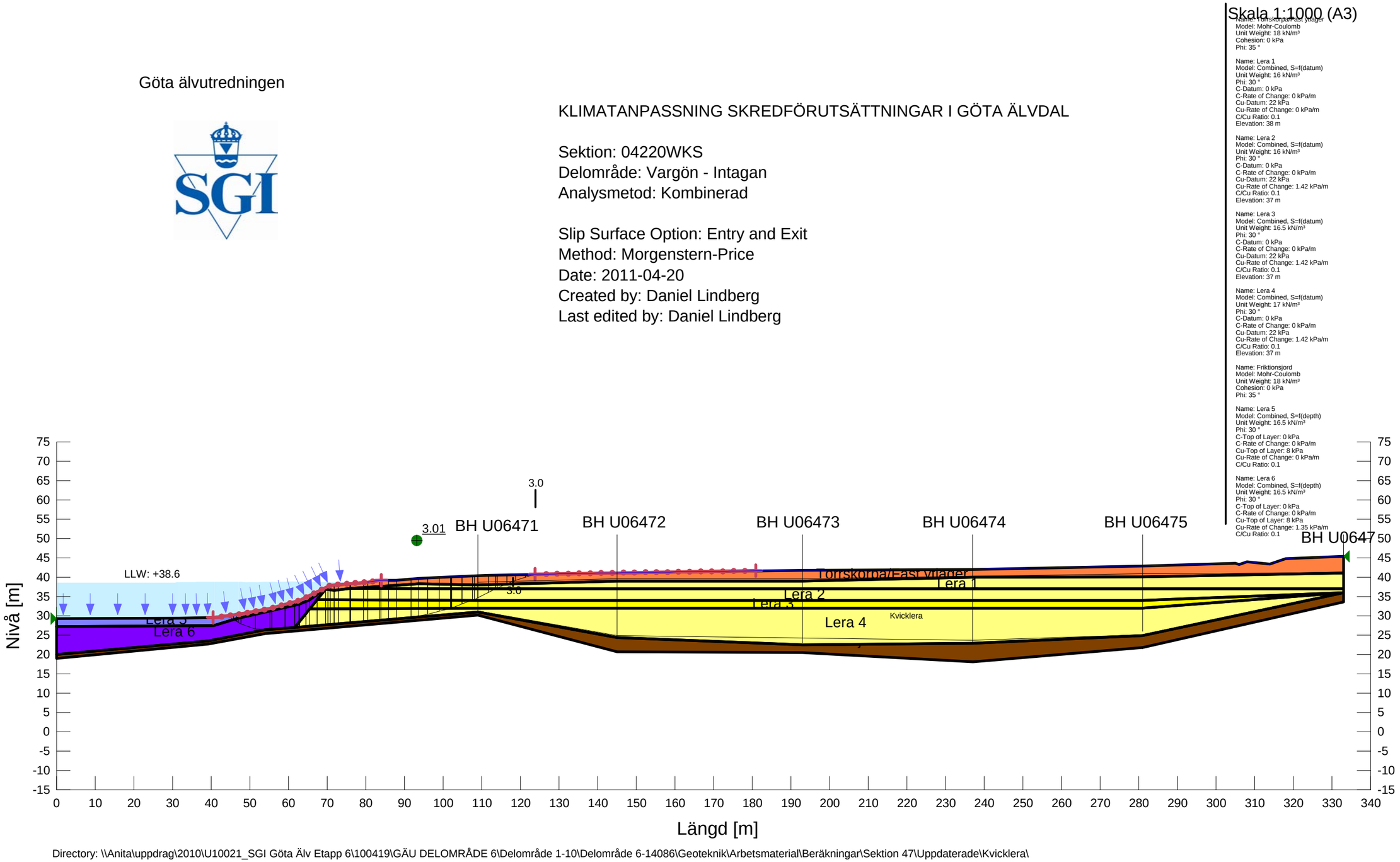
Göta älvutredningen

KLIMATANPASSNING SKREDFÖRUTSÄTTNINGAR I GÖTA ÄLVDAL

Sektion: 04220WKS
Delområde: Vargön - Intagan
Analysmetod: Kombinerad

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

Skala 1:1000 (A3)



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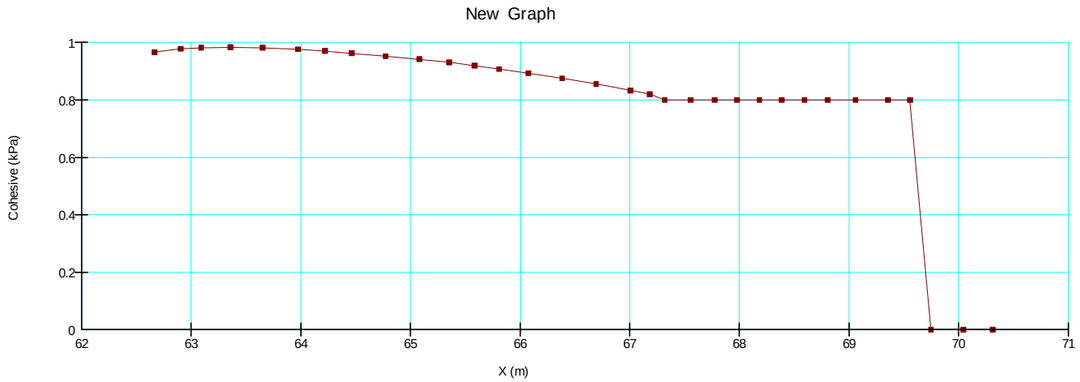
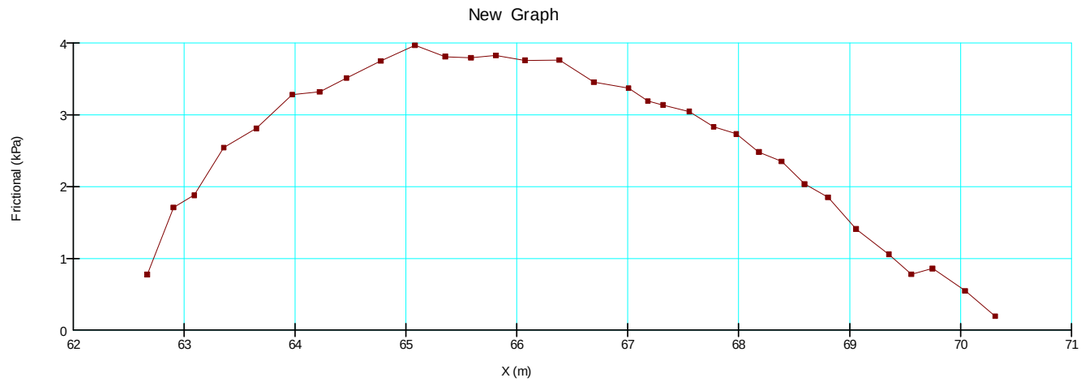
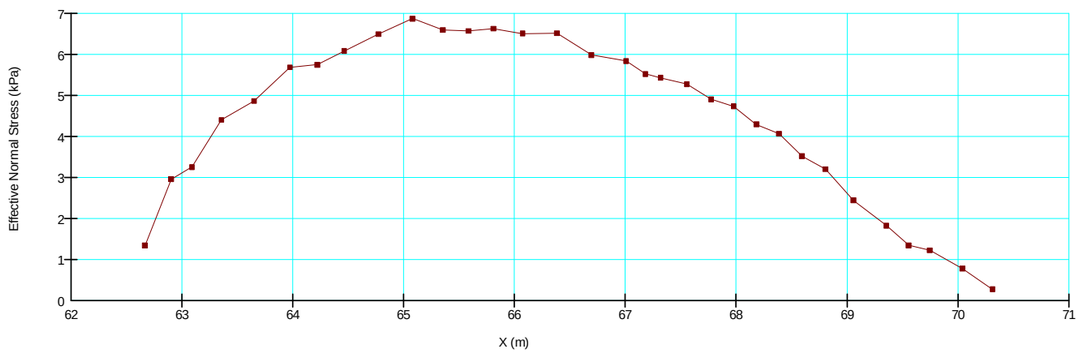
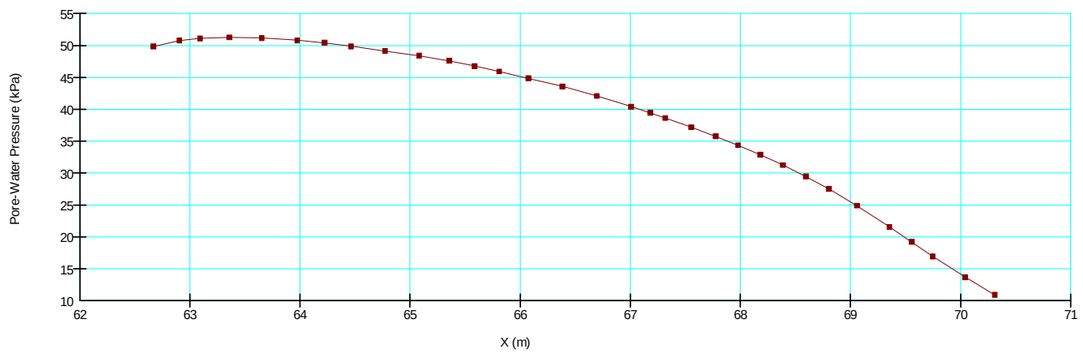
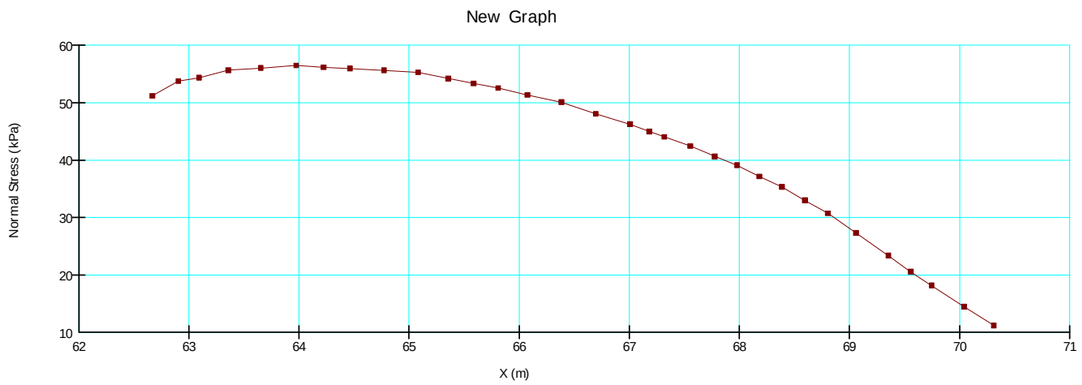

New Graph
Cohesive (kPa)
0
0.2
0.4
0.6
0.8
1
62
63
64
65
66
67
68
69
70
71
X (m)


New Graph
Frictional (kPa)
0
1
2
3
4
62
63
64
65
66
67
68
69
70
71
X (m)


New Graph
Effective Normal Stress (kPa)
0
1
2
3
4
5
6
7
62
63
64
65
66
67
68
69
70
71
X (m)


New Graph
Pore-Water Pressure (kPa)
10
15
20
25
30
35
40
45
50
55
62
63
64
65
66
67
68
69
70
71
X (m)


New Graph
Normal Stress (kPa)
10
20
30
40
50
60
62
63
64
65
66
67
68
69
70
71
X (m)

Skala: 1:1000 (A3)

Göta älvutredningen

KLIMATANPASSNING SKREDFÖRUTSÄTTNINGAR I GÖTA ÄLVDAL

Sektion: 04220WKS
Delområde: Vargön - Intagan
Analysmetod: Kombinerad

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

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

Name: Lera 1
Model: Combined, S=f(datum)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Datum: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 22 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Elevation: 38 m

Name: Lera 2
Model: Combined, S=f(datum)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Datum: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 22 kPa
Cu-Rate of Change: 1.42 kPa/m
C/Cu Ratio: 0.1
Elevation: 37 m

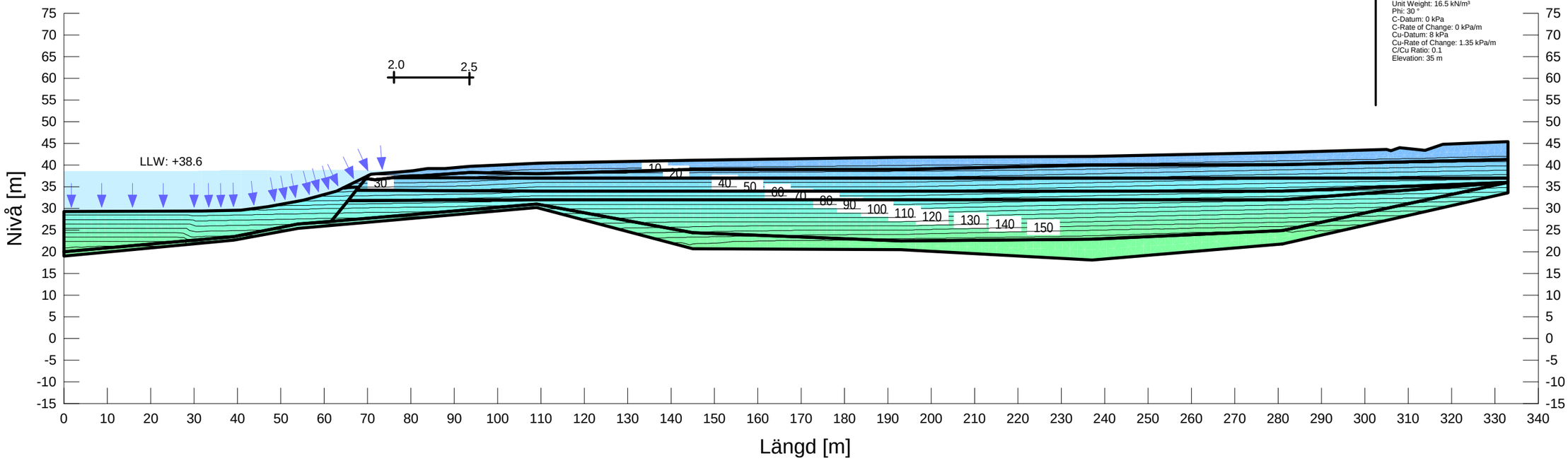
Name: Lera 3
Model: Combined, S=f(datum)
Unit Weight: 16.5 kN/m³
Phi: 30 °
C-Datum: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 22 kPa
Cu-Rate of Change: 1.42 kPa/m
C/Cu Ratio: 0.1
Elevation: 37 m

Name: Lera 4
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 22 kPa
Cu-Rate of Change: 1.42 kPa/m
C/Cu Ratio: 0.1
Elevation: 37 m

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

Name: Lera 5
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: 8 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Elevation: 37 m

Name: Lera 6
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: 8 kPa
Cu-Rate of Change: 1.35 kPa/m
C/Cu Ratio: 0.1
Elevation: 35 m



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