

Göta älv utredningen 2009-2013

Delområde: 6

SEKTION: 41, KM 1/660 V

Analysmetod: Odränerad

Slip Surface Option: Entry and Exit

Method: Morgenstern-Price

PWP Conditions Source: Pressure Head Spatial Function

Date: 2010-12-09

Created By: Isaksson Mikael

Last Edited By: Isaksson Mikael

File Name: 41 odrän.gsz



Skala 1:500 (A3)

Bilaga 1:15

Name: Let  
Model: Undrained (Phi=0)  
Unit Weight: 18 kN/m<sup>3</sup>  
Cohesion: 35 kPa

Name: Berg  
Model: Bedrock (Impenetrable)

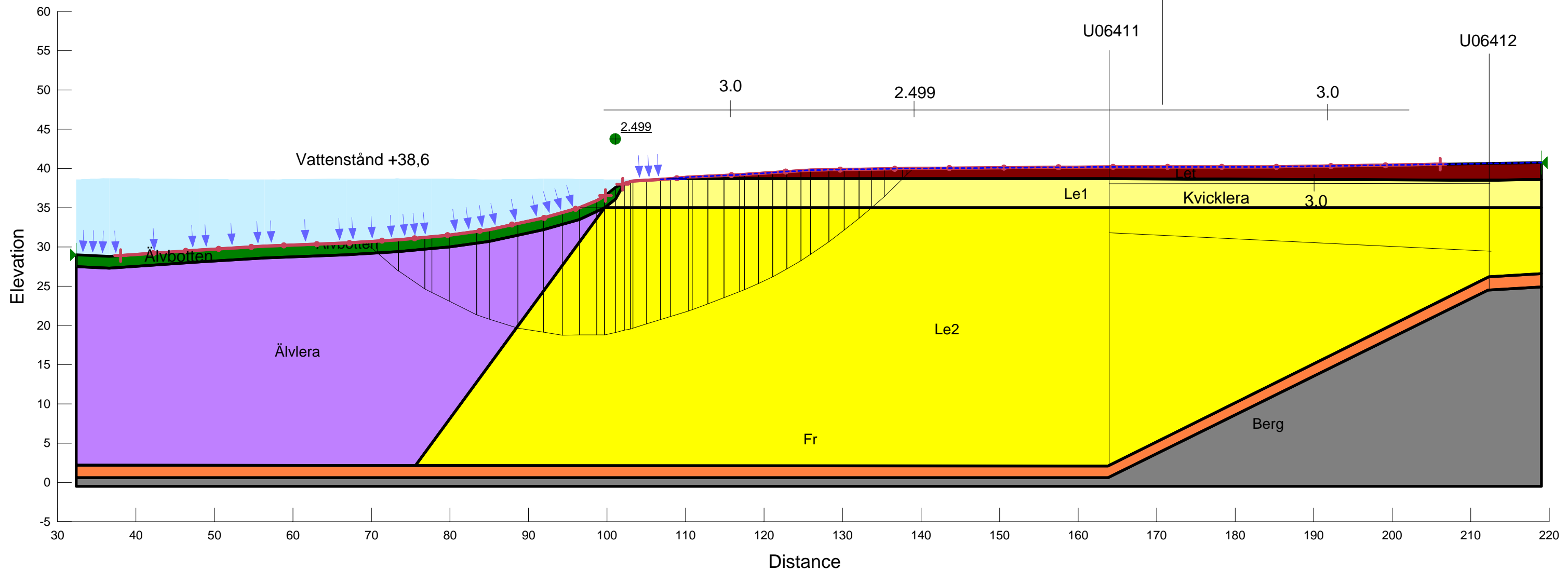
Name: Le1  
Model: Undrained (Phi=0)  
Unit Weight: 17 kN/m<sup>3</sup>  
Cohesion: 21 kPa

Name: Älvbotten  
Model: S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Top of Layer: 0 kPa  
C-Rate of Change: 12 kPa/m  
Limiting C: 0 kPa

Name: Le2  
Model: S=f(datum)  
Unit Weight: 17 kN/m<sup>3</sup>  
C-Datum: 21 kPa  
C-Rate of Change: 1.29 kPa/m  
Limiting C: 0 kPa  
Elevation: 35 m

Name: Älvlera  
Model: S=f(depth)  
Unit Weight: 16.5 kN/m<sup>3</sup>  
C-Top of Layer: 18 kPa  
C-Rate of Change: 1.29 kPa/m  
Limiting C: 0 kPa

Name: Fr  
Model: Mohr-Coulomb  
Unit Weight: 18 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 38 °  
Phi-B: 0 °



Göta älv utredningen 2009-2013

Delområde: 6

SEKTION: 41, KM 1/660 V

Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit

Method: Morgenstern-Price

PWP Conditions Source: Pressure Head Spatial Function

Date: 2010-12-09

Created By: Isaksson Mikael

Last Edited By: Isaksson Mikael

File Name: 41 komb.gsz



Skala 1:500 (A3)

Bilaga 1:16

Name: Let  
 Model: Combined, S=f(depth)  
 Unit Weight: 18 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 3.5 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 35 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Berg  
 Model: Bedrock (Impenetrable)

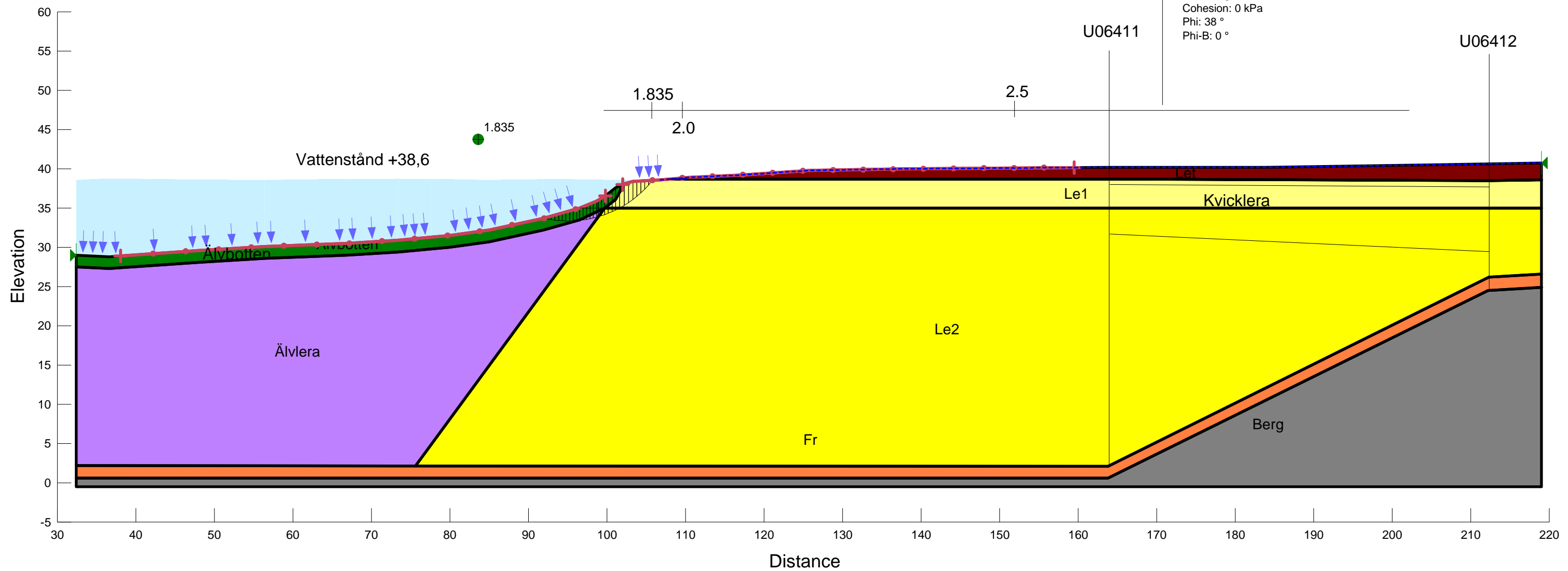
Name: Le1  
 Model: Combined, S=f(depth)  
 Unit Weight: 17 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 2.1 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 21 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Älvbotten  
 Model: Combined, S=f(depth)  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 0 kPa  
 C-Rate of Change: 1.2 kPa/m  
 Cu-Top of Layer: 0 kPa  
 Cu-Rate of Change: 12 kPa/m  
 C/Cu Ratio: 0.1

Name: Le2  
 Model: Combined, S=f(datum)  
 Unit Weight: 17 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Datum: 2.1 kPa  
 C-Rate of Change: 0.129 kPa/m  
 Cu-Datum: 21 kPa  
 Cu-Rate of Change: 1.29 kPa/m  
 C/Cu Ratio: 0.1  
 Elevation: 35 m

Name: Älvlera  
 Model: Combined, S=f(depth)  
 Unit Weight: 16.5 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 1.8 kPa  
 C-Rate of Change: 0.129 kPa/m  
 Cu-Top of Layer: 18 kPa  
 Cu-Rate of Change: 1.29 kPa/m  
 C/Cu Ratio: 0.1

Name: Fr  
 Model: Mohr-Coulomb  
 Unit Weight: 18 kN/m<sup>3</sup>  
 Cohesion: 0 kPa  
 Phi: 38 °  
 Phi-B: 0 °





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 Delområde: 6  
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 Date: 2010-12-13  
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Skala 1:500 (A3)

Bilaga 1:17

Name: Let  
 Model: Combined, S=f(depth)  
 Unit Weight: 18 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 3.5 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 35 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Berg  
 Model: Bedrock (Impenetrable)

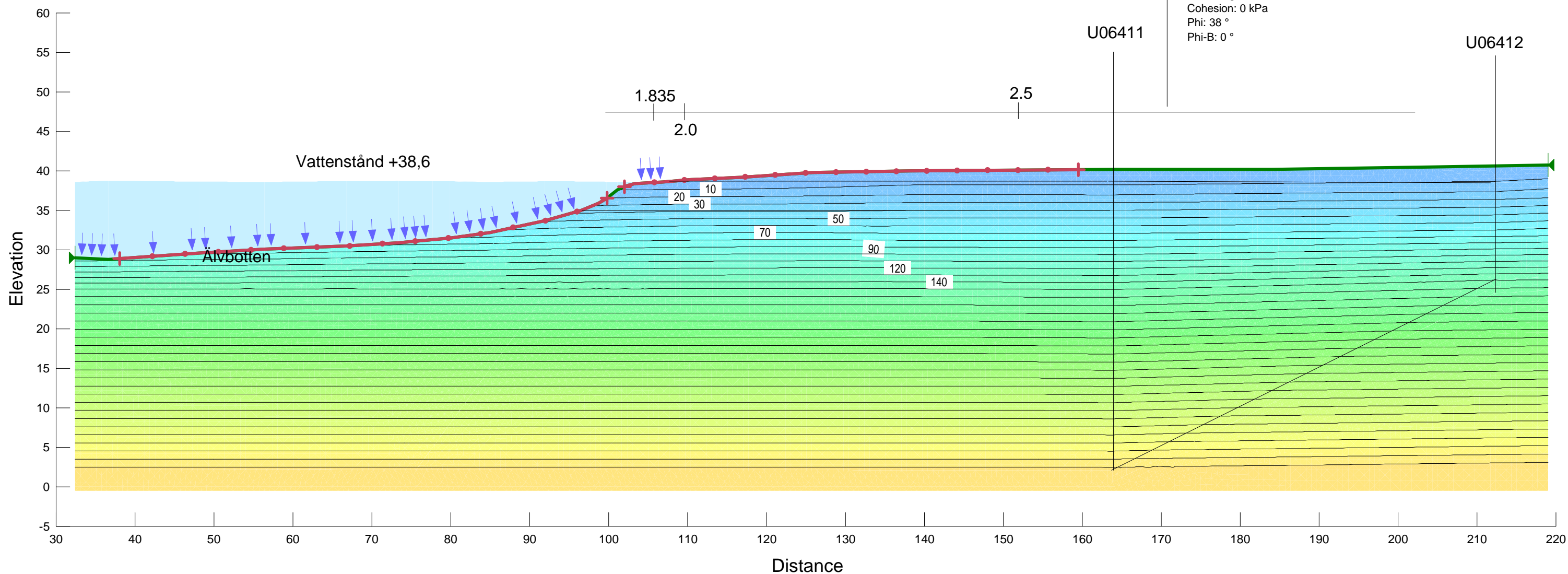
Name: Le1  
 Model: Combined, S=f(depth)  
 Unit Weight: 17 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 2.1 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 21 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Älvbotten  
 Model: Combined, S=f(depth)  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 0 kPa  
 C-Rate of Change: 1.2 kPa/m  
 Cu-Top of Layer: 0 kPa  
 Cu-Rate of Change: 12 kPa/m  
 C/Cu Ratio: 0.1

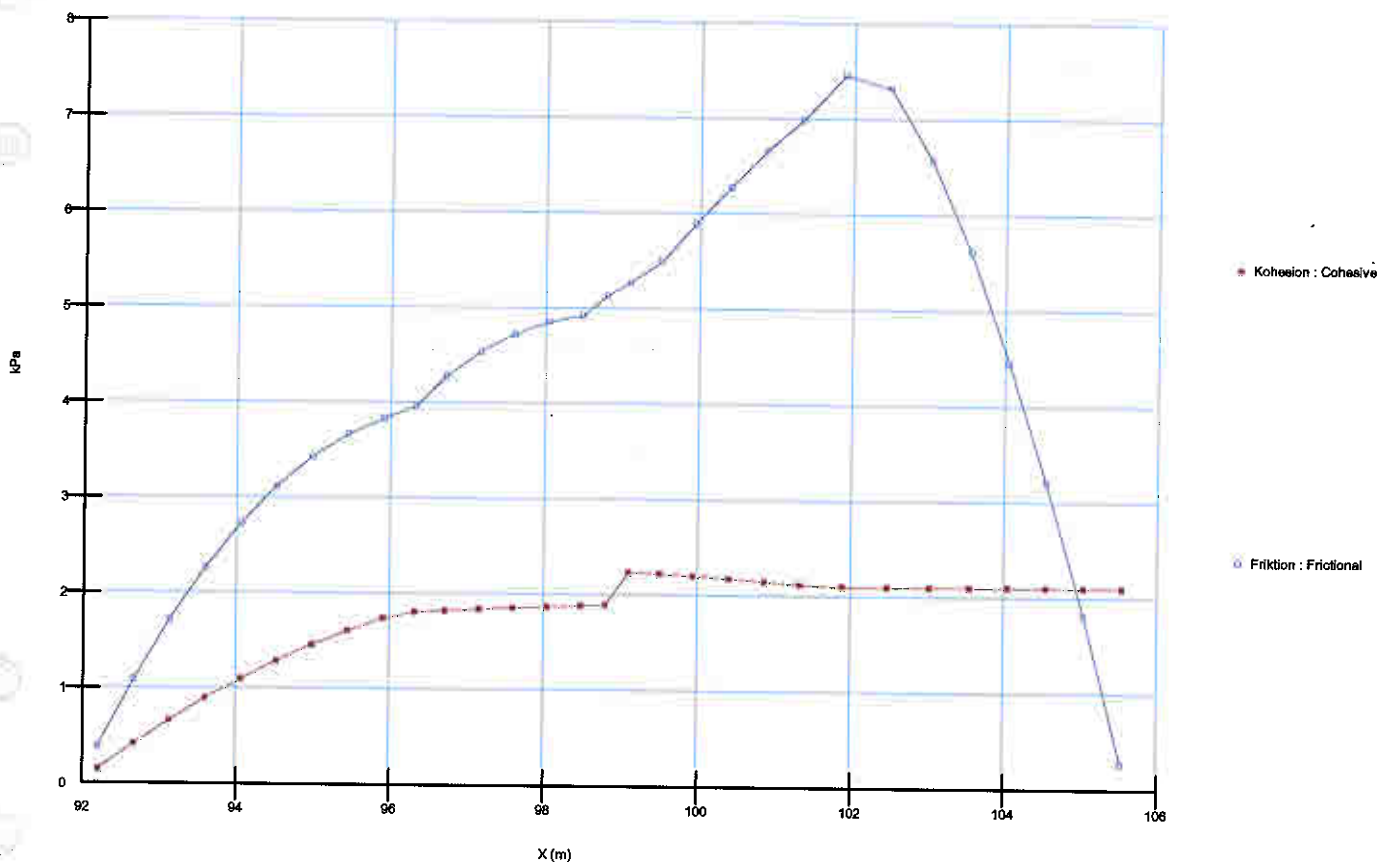
Name: Le2  
 Model: Combined, S=f(datum)  
 Unit Weight: 17 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Datum: 2.1 kPa  
 C-Rate of Change: 0.129 kPa/m  
 Cu-Datum: 21 kPa  
 Cu-Rate of Change: 1.29 kPa/m  
 C/Cu Ratio: 0.1  
 Elevation: 35 m

Name: Älvlera  
 Model: Combined, S=f(depth)  
 Unit Weight: 16.5 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 1.8 kPa  
 C-Rate of Change: 0.129 kPa/m  
 Cu-Top of Layer: 18 kPa  
 Cu-Rate of Change: 1.29 kPa/m  
 C/Cu Ratio: 0.1

Name: Fr  
 Model: Mohr-Coulomb  
 Unit Weight: 18 kN/m<sup>3</sup>  
 Cohesion: 0 kPa  
 Phi: 38 °  
 Phi-B: 0 °



## Sektion 41, kohesion och friktion (kombinerad analys)



## Sektion 41, spänningar (kombinerad analys)

