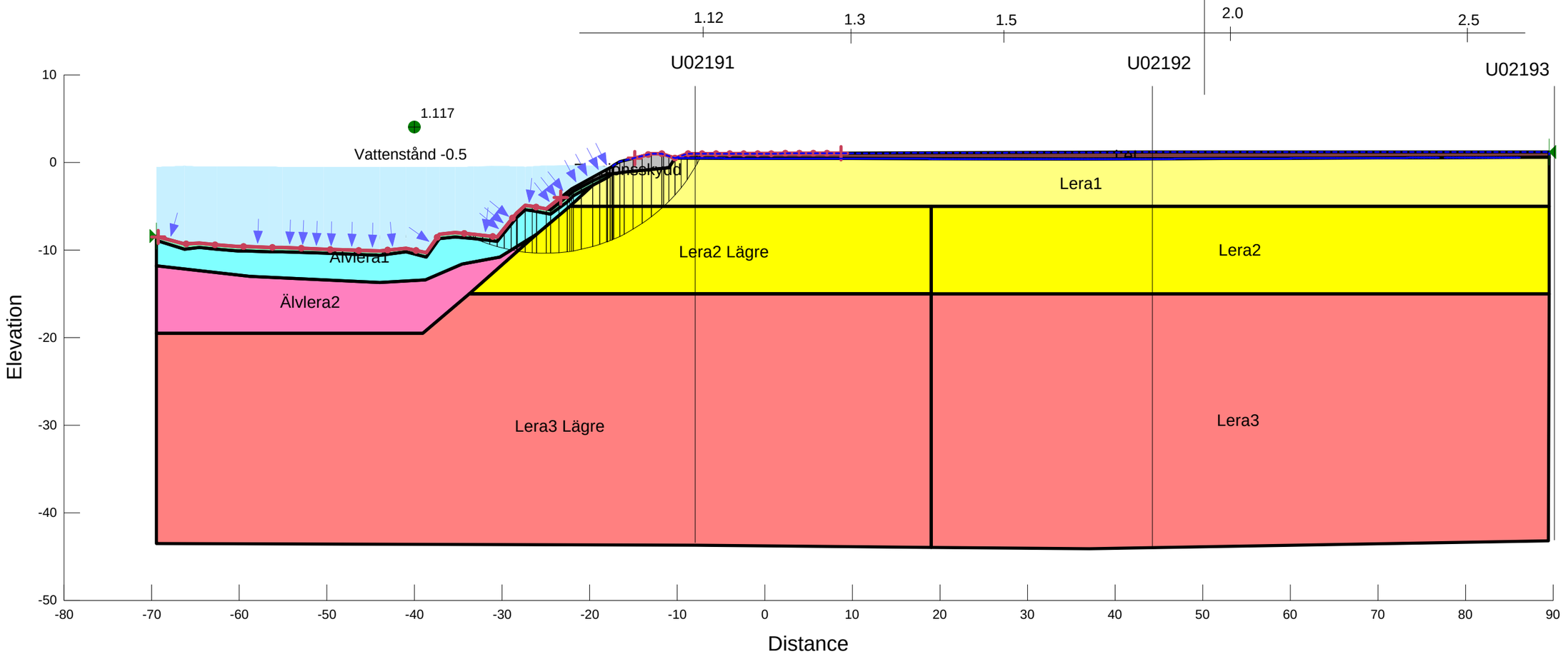
Göta älvutredningen 2009-2013
Delområde: 2
Sektion 19, KM V67/620
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Pressure Head Spatial Function
Date: 2011-09-26
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: Sektion 19 Kombinerad.gsz

Skala 1:500 (A3)

Name: Älvlera1
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0.7 kPa
C-Rate of Change: 0.276 kPa/m
Cu-Top of Layer: 7 kPa
Cu-Rate of Change: 2.76 kPa/m
C/Cu Ratio: 0.1

Name: Älvlera2
Model: Combined, S=f(depth)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Top of Layer: 1.5 kPa
C-Rate of Change: 0.143 kPa/m
Cu-Top of Layer: 15 kPa
Cu-Rate of Change: 1.43 kPa/m
C/Cu Ratio: 0.1



Bilaga 1:8

Name: Let
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 2 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 20 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

Name: Älvbotten
Model: Combined, S=f(depth)
Unit Weight: 14 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 1.4 kPa/m
Cu-Top of Layer: 0 kPa
Cu-Rate of Change: 14 kPa/m
C/Cu Ratio: 0.1

Name: Lera1
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 1.15 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 11.5 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

Name: Lera2
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 1.15 kPa
C-Rate of Change: 0.105 kPa/m
Cu-Top of Layer: 11.5 kPa
Cu-Rate of Change: 1.05 kPa/m
C/Cu Ratio: 0.1

Name: Lera3
Model: Combined, S=f(datum)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Datum: 2.2 kPa
C-Rate of Change: 0.14 kPa/m
Cu-Datum: 22 kPa
Cu-Rate of Change: 1.4 kPa/m
C/Cu Ratio: 0.1
Elevation: -15 m

Name: Lera2 Lägre
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 1.15 kPa
C-Rate of Change: 0.065 kPa/m
Cu-Top of Layer: 11.5 kPa
Cu-Rate of Change: 0.65 kPa/m
C/Cu Ratio: 0.1

Name: Lera3 Lägre
Model: Combined, S=f(datum)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Datum: 1.8 kPa
C-Rate of Change: 0.12 kPa/m
Cu-Datum: 18 kPa
Cu-Rate of Change: 1.2 kPa/m
C/Cu Ratio: 0.1
Elevation: -15 m
Name: Erosionsskydd
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Phi-B: 0 °

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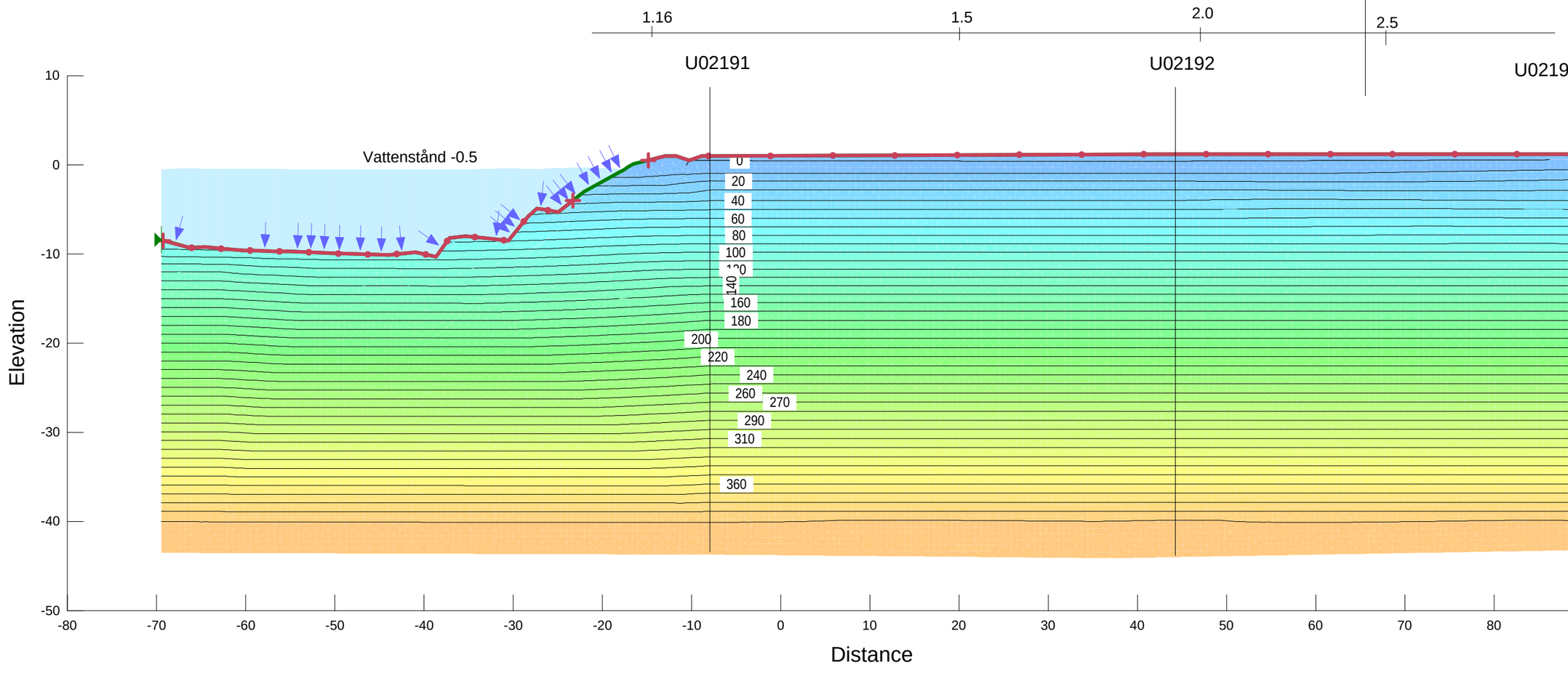
PWP Conditions Source: Pressure Head Spatial Function
Date: 2011-06-30
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: Sektion 19 Kombinerad.gsz

Skala 1:500 (A3)



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C-Rate of Change: 0.143 kPa/m
Cu-Top of Layer: 15 kPa
Cu-Rate of Change: 1.43 kPa/m
C/Cu Ratio: 0.1

Name: Älvbotten
Model: Combined, S=f(depth)
Unit Weight: 14 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 1.4 kPa/m
Cu-Top of Layer: 0 kPa
Cu-Rate of Change: 14 kPa/m
C/Cu Ratio: 0.1

Name: Lera1
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 1.15 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 11.5 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

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C/Cu Ratio: 0.1
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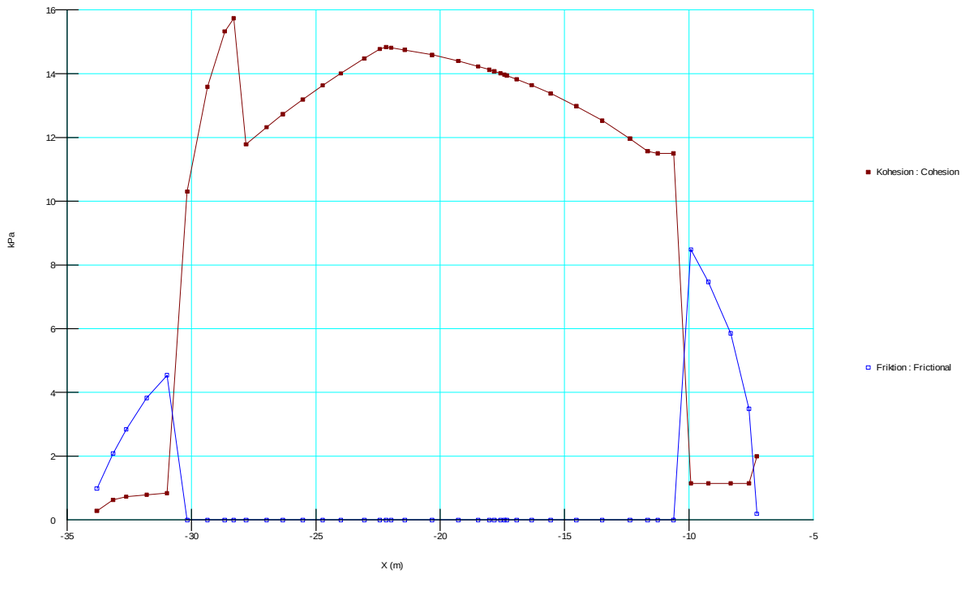
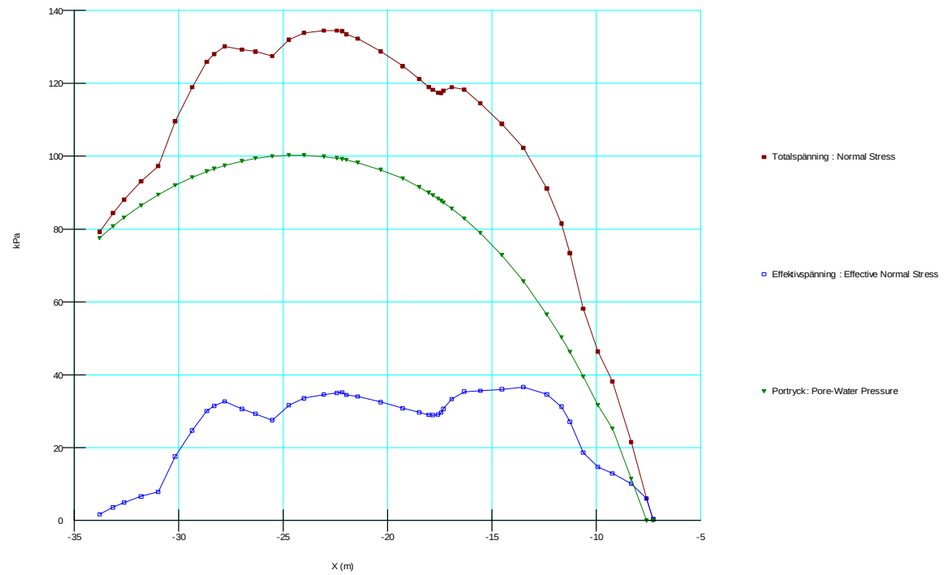

kPa
X (m)
Kohesion : Cohesion
Friktion : Frictional


kPa
X (m)
Totalspänning : Normal Stress
Effektivspänning : Effective Normal Stress
Portryck: Pore-Water Pressure