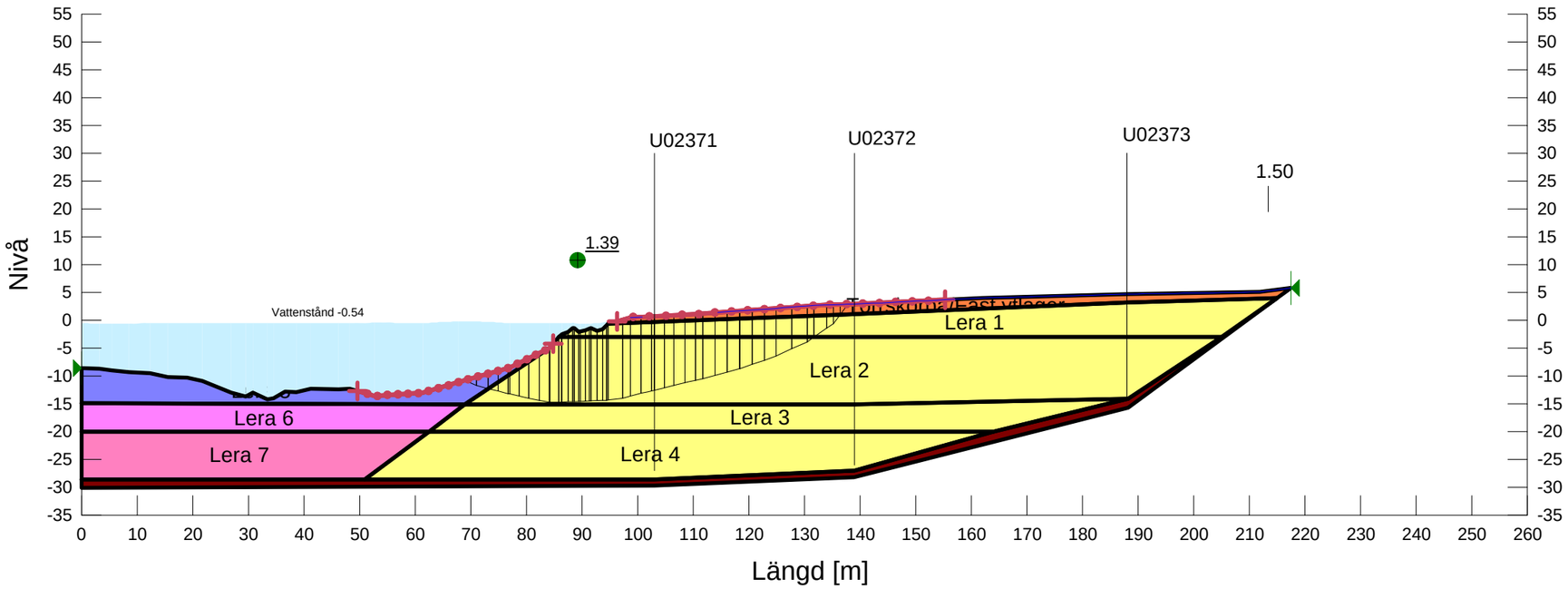
Göta älvutredningen

KLIMATANPASSNING SKREDFÖRUTSÄTTNINGAR I GÖTA ÄLVDALEN

Sektion: KM 106/900 N
Delområde: Nordre Älv samt Rödbo - Angeredsbron
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
Date: 2011-07-01
Created by: Daniel Lindberg
Last edited by: Daniel Lindberg

Skala 1:1000 (A3)



Name: Torrskorpa/Fast ytlager
Model: Combined, S=f(depth)
Unit Weight: 18 kN/m³
Phi: 30 °
C-Top of Layer: 3 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 30 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

Name: Lera 1
Model: Combined, S=f(datum)
Unit Weight: 15.4 kN/m³
Phi: 30 °
C-Datum: 1.1 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 11 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Elevation: 2 m

Name: Lera 2
Model: Combined, S=f(datum)
Unit Weight: 15.4 kN/m³
Phi: 30 °
C-Datum: 1.1 kPa
C-Rate of Change: 0.126 kPa/m
Cu-Datum: 11 kPa
Cu-Rate of Change: 1.26 kPa/m
C/Cu Ratio: 0.1
Elevation: -3 m

Name: Lera 3
Model: Combined, S=f(datum)
Unit Weight: 17.2 kN/m³
Phi: 30 °
C-Datum: 1.1 kPa
C-Rate of Change: 0.126 kPa/m
Cu-Datum: 11 kPa
Cu-Rate of Change: 1.26 kPa/m
C/Cu Ratio: 0.1
Elevation: -3 m

Name: Lera 4
Model: Combined, S=f(datum)
Unit Weight: 18.4 kN/m³
Phi: 30 °
C-Datum: 1.1 kPa
C-Rate of Change: 0.126 kPa/m
Cu-Datum: 11 kPa
Cu-Rate of Change: 1.26 kPa/m
C/Cu Ratio: 0.1
Elevation: -3 m

Name: Lera 5
Model: Combined, S=f(datum)
Unit Weight: 15.4 kN/m³
Phi: 30 °
C-Datum: 0.3 kPa
C-Rate of Change: 0.2 kPa/m
Cu-Datum: 3 kPa
Cu-Rate of Change: 2 kPa/m
C/Cu Ratio: 0.1
Elevation: -5 m

Name: Lera 6
Model: Combined, S=f(datum)
Unit Weight: 16.5 kN/m³
Phi: 30 °
C-Datum: 0.3 kPa
C-Rate of Change: 0.2 kPa/m
Cu-Datum: 3 kPa
Cu-Rate of Change: 2 kPa/m
C/Cu Ratio: 0.1
Elevation: -5 m

Name: Lera 7
Model: Combined, S=f(datum)
Unit Weight: 16.5 kN/m³
Phi: 30 °
C-Datum: 3.3 kPa
C-Rate of Change: 0.126 kPa/m
Cu-Datum: 33 kPa
Cu-Rate of Change: 1.26 kPa/m
C/Cu Ratio: 0.1
Elevation: -20 m

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

Directory: \\Anita\uppdrag\2010\U10086_Göta älv delområde 2\GÄU delområde 2\Delområde 1-10\Delområde 2-14082\Geoteknik\Arbetsmaterial\Beräkningar\Sektion 37\
File Name: KM 106_900 N Sekt 37 kombinerad.gsz

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Sektion: KM 106/900 N
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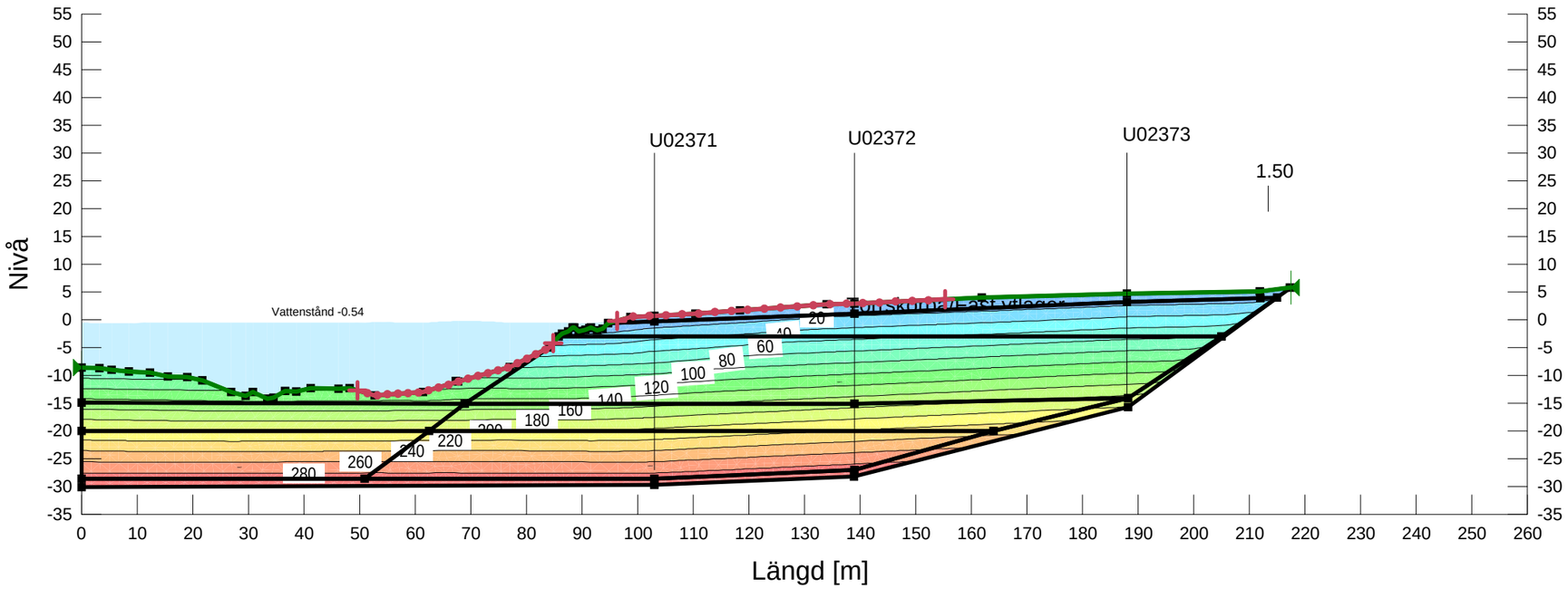

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C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 30 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

Name: Lera 1
Model: Combined, S=f(datum)
Unit Weight: 15.4 kN/m³
Phi: 30 °
C-Datum: 1.1 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 11 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Elevation: 2 m

Name: Lera 2
Model: Combined, S=f(datum)
Unit Weight: 15.4 kN/m³
Phi: 30 °
C-Datum: 1.1 kPa
C-Rate of Change: 0.126 kPa/m
Cu-Datum: 11 kPa
Cu-Rate of Change: 1.26 kPa/m
C/Cu Ratio: 0.1
Elevation: -3 m

Name: Lera 3
Model: Combined, S=f(datum)
Unit Weight: 17.2 kN/m³
Phi: 30 °
C-Datum: 1.1 kPa
C-Rate of Change: 0.126 kPa/m
Cu-Datum: 11 kPa
Cu-Rate of Change: 1.26 kPa/m
C/Cu Ratio: 0.1
Elevation: -3 m

Name: Lera 4
Model: Combined, S=f(datum)
Unit Weight: 18.4 kN/m³
Phi: 30 °
C-Datum: 1.1 kPa
C-Rate of Change: 0.126 kPa/m
Cu-Datum: 11 kPa
Cu-Rate of Change: 1.26 kPa/m
C/Cu Ratio: 0.1
Elevation: -3 m

Name: Lera 5
Model: Combined, S=f(datum)
Unit Weight: 15.4 kN/m³
Phi: 30 °
C-Datum: 0.3 kPa
C-Rate of Change: 0.2 kPa/m
Cu-Datum: 3 kPa
Cu-Rate of Change: 2 kPa/m
C/Cu Ratio: 0.1
Elevation: -5 m

Name: Lera 6
Model: Combined, S=f(datum)
Unit Weight: 16.5 kN/m³
Phi: 30 °
C-Datum: 0.3 kPa
C-Rate of Change: 0.2 kPa/m
Cu-Datum: 3 kPa
Cu-Rate of Change: 2 kPa/m
C/Cu Ratio: 0.1
Elevation: -5 m

Name: Lera 7
Model: Combined, S=f(datum)
Unit Weight: 16.5 kN/m³
Phi: 30 °
C-Datum: 3.3 kPa
C-Rate of Change: 0.126 kPa/m
Cu-Datum: 33 kPa
Cu-Rate of Change: 1.26 kPa/m
C/Cu Ratio: 0.1
Elevation: -20 m

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

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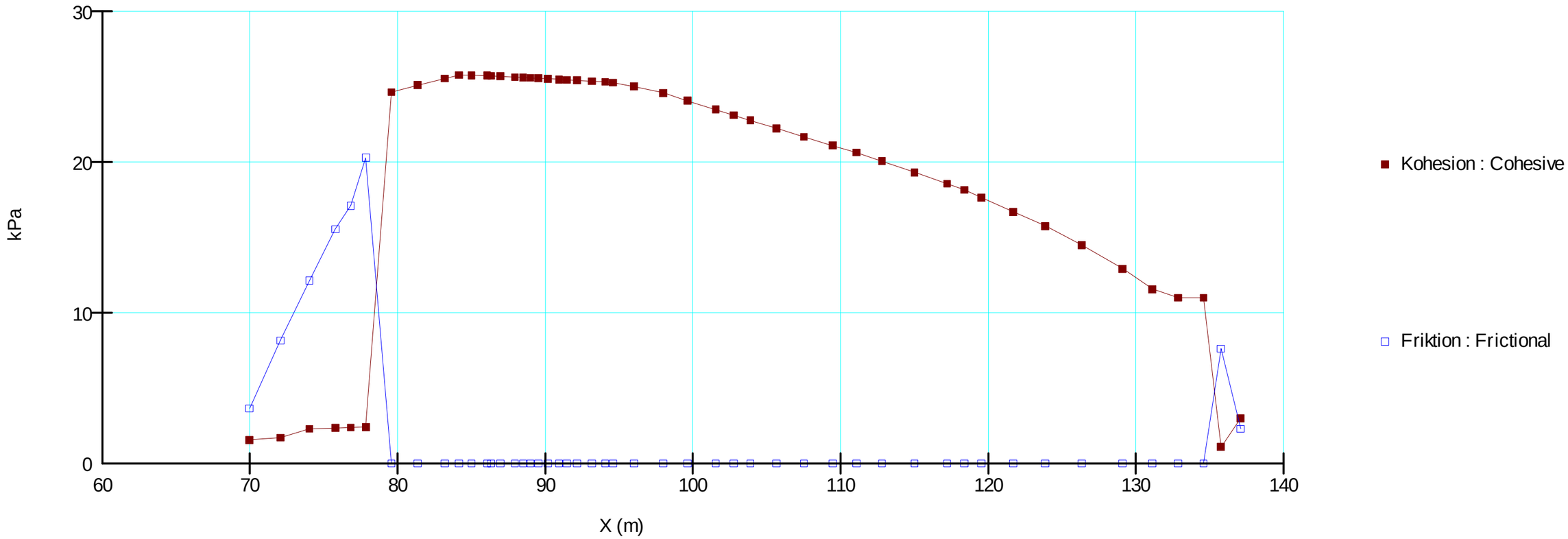
Sektion 37, KM 102/370 N

Kohesion och friktion (Kombinerad analys)



Sektion 37, KM 106/900 N

Spänningar (Kombinerad analys)