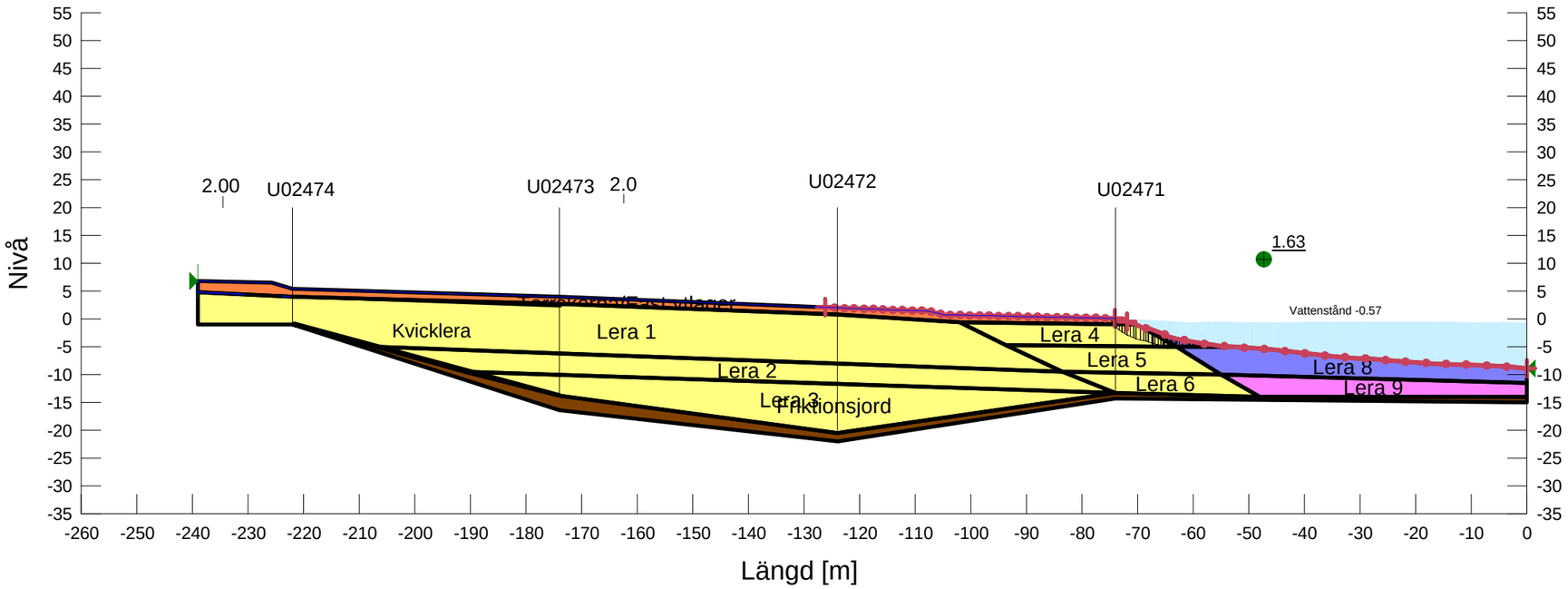
Skala 1:1000 (A3)

Göta älvutredningen

KLIMATANPASSNING SKREDFÖRUTSÄTTNINGAR I GÖTA ÄLVDALEN

Sektion: KM 111/370 S
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



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(depth)
Unit Weight: 15.6 kN/m³
Phi: 30 °
C-Top of Layer: 0.8 kPa
C-Rate of Change: 0.084 kPa/m
Cu-Top of Layer: 8 kPa
Cu-Rate of Change: 0.84 kPa/m
C/Cu Ratio: 0.1

Name: Lera 2
Model: Combined, S=f(depth)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Top of Layer: 1.54 kPa
C-Rate of Change: 0.084 kPa/m
Cu-Top of Layer: 15.4 kPa
Cu-Rate of Change: 0.84 kPa/m
C/Cu Ratio: 0.1

Name: Lera 3
Model: Combined, S=f(depth)
Unit Weight: 17.2 kN/m³
Phi: 30 °
C-Top of Layer: 18.8 kPa
C-Rate of Change: 0.084 kPa/m
Cu-Top of Layer: 18.8 kPa
Cu-Rate of Change: 0.84 kPa/m
C/Cu Ratio: 0.1

Name: Lera 4
Model: Combined, S=f(depth)
Unit Weight: 14.8 kN/m³
Phi: 30 °
C-Top of Layer: 0.8 kPa
C-Rate of Change: 0.084 kPa/m
Cu-Top of Layer: 8 kPa
Cu-Rate of Change: 0.84 kPa/m
C/Cu Ratio: 0.1

Name: Lera 5
Model: Combined, S=f(depth)
Unit Weight: 15.4 kN/m³
Phi: 30 °
C-Top of Layer: 1.12 kPa
C-Rate of Change: 0.084 kPa/m
Cu-Top of Layer: 11.2 kPa
Cu-Rate of Change: 0.84 kPa/m
C/Cu Ratio: 0.1

Name: Lera 6
Model: Combined, S=f(depth)
Unit Weight: 16.3 kN/m³
Phi: 30 °
C-Top of Layer: 1.54 kPa
C-Rate of Change: 0.084 kPa/m
Cu-Top of Layer: 15.4 kPa
Cu-Rate of Change: 0.84 kPa/m
C/Cu Ratio: 0.1

Name: Lera 7
Model: Combined, S=f(datum)
Unit Weight: 14.8 kN/m³
Phi: 30 °
C-Datum: 0.5 kPa
C-Rate of Change: 0.092 kPa/m
Cu-Datum: 5 kPa
Cu-Rate of Change: 0.92 kPa/m
C/Cu Ratio: 0.1
Elevation: 0 m

Name: Lera 8
Model: Combined, S=f(datum)
Unit Weight: 15.4 kN/m³
Phi: 30 °
C-Datum: 0.5 kPa
C-Rate of Change: 0.092 kPa/m
Cu-Datum: 5 kPa
Cu-Rate of Change: 0.92 kPa/m
C/Cu Ratio: 0.1
Elevation: 0 m

Name: Lera 9
Model: Combined, S=f(datum)
Unit Weight: 16.3 kN/m³
Phi: 30 °
C-Datum: 0.5 kPa
C-Rate of Change: 0.092 kPa/m
Cu-Datum: 5 kPa
Cu-Rate of Change: 0.92 kPa/m
C/Cu Ratio: 0.1
Elevation: 0 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 47\
File Name: KM 111_370 S Sekt 47 Kombinerad.gsz

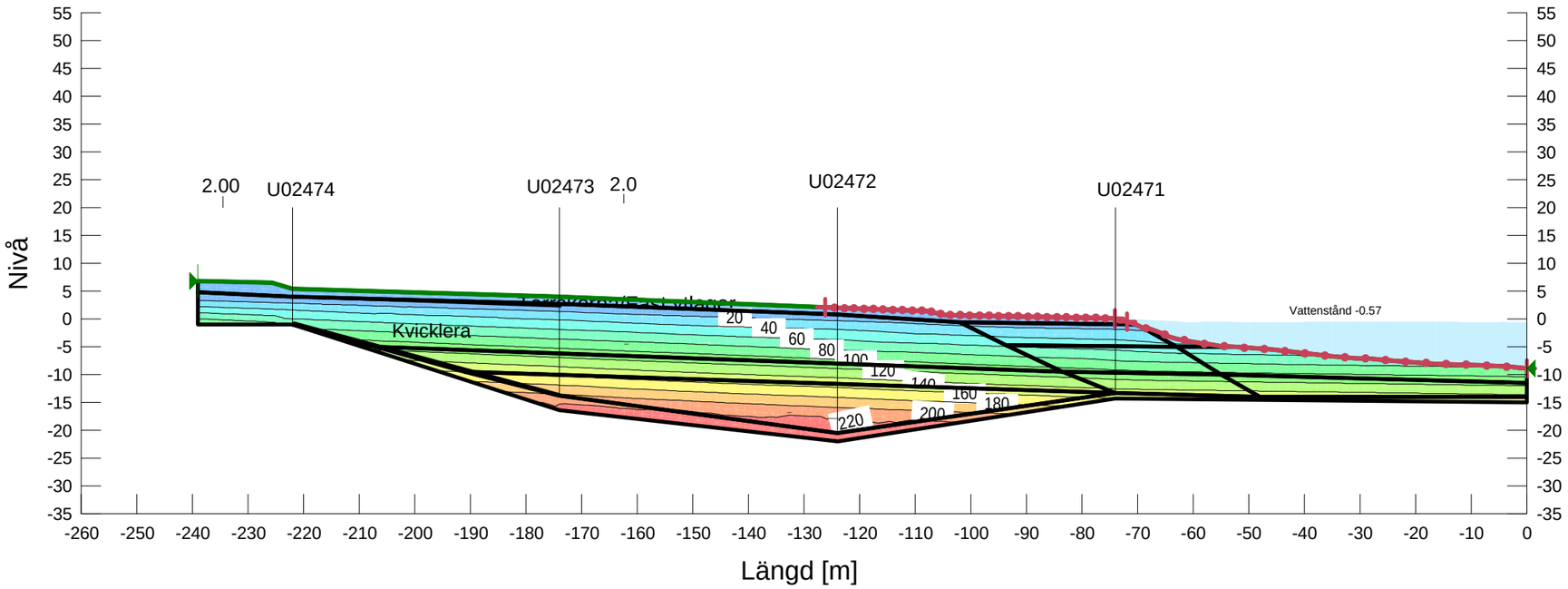
Skala 1:1000 (A3)

Göta älvutredningen

KLIMATANPASSNING SKREDFÖRUTSÄTTNINGAR I GÖTA ÄLVDALEN

Sektion: KM 111/370 S
Delområde: Nordre Älv samt Rödbo - Angeredsbron
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
Date: 2011-10-05
Created by: Daniel Lindberg
Last edited by: Daniel Lindberg



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(depth)
Unit Weight: 15.6 kN/m³
Phi: 30 °
C-Top of Layer: 0.8 kPa
C-Rate of Change: 0.084 kPa/m
Cu-Top of Layer: 8 kPa
Cu-Rate of Change: 0.84 kPa/m
C/Cu Ratio: 0.1

Name: Lera 2
Model: Combined, S=f(depth)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Top of Layer: 1.54 kPa
C-Rate of Change: 0.084 kPa/m
Cu-Top of Layer: 15.4 kPa
Cu-Rate of Change: 0.84 kPa/m
C/Cu Ratio: 0.1

Name: Lera 3
Model: Combined, S=f(depth)
Unit Weight: 17.2 kN/m³
Phi: 30 °
C-Top of Layer: 18.8 kPa
C-Rate of Change: 0.084 kPa/m
Cu-Top of Layer: 18.8 kPa
Cu-Rate of Change: 0.84 kPa/m
C/Cu Ratio: 0.1

Name: Lera 4
Model: Combined, S=f(depth)
Unit Weight: 14.8 kN/m³
Phi: 30 °
C-Top of Layer: 0.8 kPa
C-Rate of Change: 0.084 kPa/m
Cu-Top of Layer: 8 kPa
Cu-Rate of Change: 0.84 kPa/m
C/Cu Ratio: 0.1

Name: Lera 5
Model: Combined, S=f(depth)
Unit Weight: 15.4 kN/m³
Phi: 30 °
C-Top of Layer: 1.12 kPa
C-Rate of Change: 0.084 kPa/m
Cu-Top of Layer: 11.2 kPa
Cu-Rate of Change: 0.84 kPa/m
C/Cu Ratio: 0.1

Name: Lera 6
Model: Combined, S=f(depth)
Unit Weight: 16.3 kN/m³
Phi: 30 °
C-Top of Layer: 1.54 kPa
C-Rate of Change: 0.084 kPa/m
Cu-Top of Layer: 15.4 kPa
Cu-Rate of Change: 0.84 kPa/m
C/Cu Ratio: 0.1

Name: Lera 7
Model: Combined, S=f(datum)
Unit Weight: 14.8 kN/m³
Phi: 30 °
C-Datum: 0.5 kPa
C-Rate of Change: 0.092 kPa/m
Cu-Datum: 5 kPa
Cu-Rate of Change: 0.92 kPa/m
C/Cu Ratio: 0.1
Elevation: 0 m

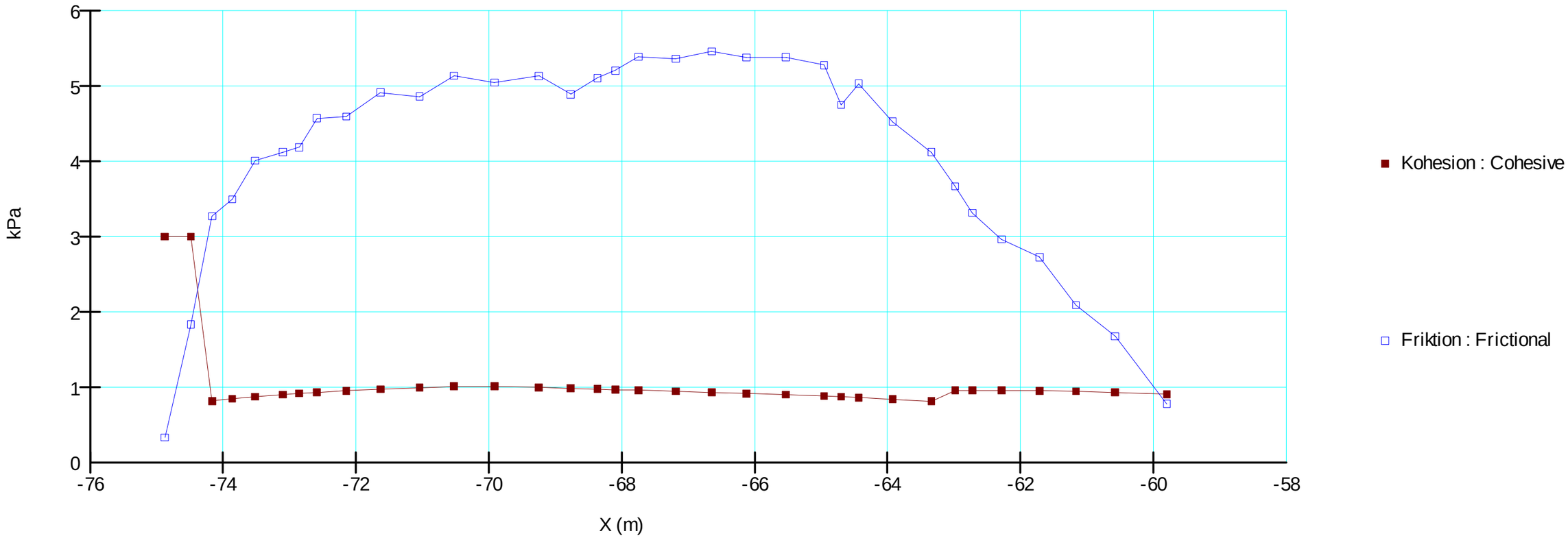
Name: Lera 8
Model: Combined, S=f(datum)
Unit Weight: 15.4 kN/m³
Phi: 30 °
C-Datum: 0.5 kPa
C-Rate of Change: 0.092 kPa/m
Cu-Datum: 5 kPa
Cu-Rate of Change: 0.92 kPa/m
C/Cu Ratio: 0.1
Elevation: 0 m

Name: Lera 9
Model: Combined, S=f(datum)
Unit Weight: 16.3 kN/m³
Phi: 30 °
C-Datum: 0.5 kPa
C-Rate of Change: 0.092 kPa/m
Cu-Datum: 5 kPa
Cu-Rate of Change: 0.92 kPa/m
C/Cu Ratio: 0.1
Elevation: 0 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 47\
File Name: KM 111_370 S Sekt 47 Kombinerad.gsz

Sektion 47, KM 111/370 S
Kohesion och friktion (Kombinerad analys)



Sektion 47, KM 111/370 S
Spänningar (Kombinerad analys)