Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 37, KM 0/640 V
Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Pressure Head Spatial Function
Date: 2010-12-13
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: 37 Odrän.gsz

Skala 1:500 (A3)

Name: Let
Model: Undrained (Phi=0)
Unit Weight: 18 kN/m³
Cohesion: 40 kPa

Name: Le1
Model: S=f(depth)
Unit Weight: 17 kN/m³
C-Top of Layer: 22.5 kPa
C-Rate of Change: 0 kPa/m
Limiting C: 0 kPa

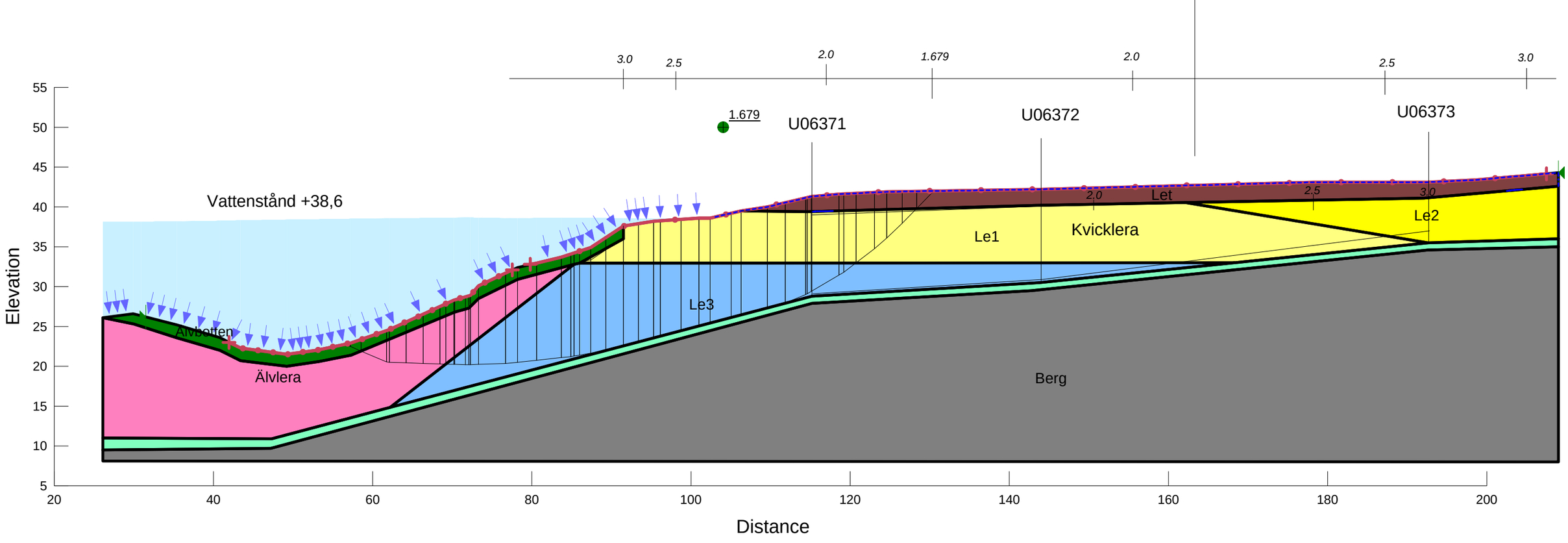
Name: Le2
Model: S=f(depth)
Unit Weight: 17 kN/m³
C-Top of Layer: 38 kPa
C-Rate of Change: 0 kPa/m
Limiting C: 0 kPa

Name: Le3
Model: S=f(datum)
Unit Weight: 17 kN/m³
C-Datum: 22.5 kPa
C-Rate of Change: 1.8 kPa/m
Limiting C: 0 kPa
Elevation: 33 m

Name: Älvbotten
Model: S=f(depth)
Unit Weight: 15 kN/m³
C-Top of Layer: 0 kPa
C-Rate of Change: 12 kPa/m
Limiting C: 0 kPa

Name: Älvlera
Model: S=f(depth)
Unit Weight: 16.5 kN/m³
C-Top of Layer: 18 kPa
C-Rate of Change: 1.8 kPa/m
Limiting C: 0 kPa

Name: Fr
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 38 °
Phi-B: 0 °



Skala 1:500 (A3) Bilaga 1:2

Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 37, KM 0/640 V
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Pressure Head Spatial Function
Date: 2010-12-15
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: 37 komb med Sgeo.gsz

Name: Let
Model: Combined, S=f(depth)
Unit Weight: 18 kN/m³
Phi: 30 °
C-Top of Layer: 4 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 40 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

Name: Le1
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 2.25 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 22.5 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

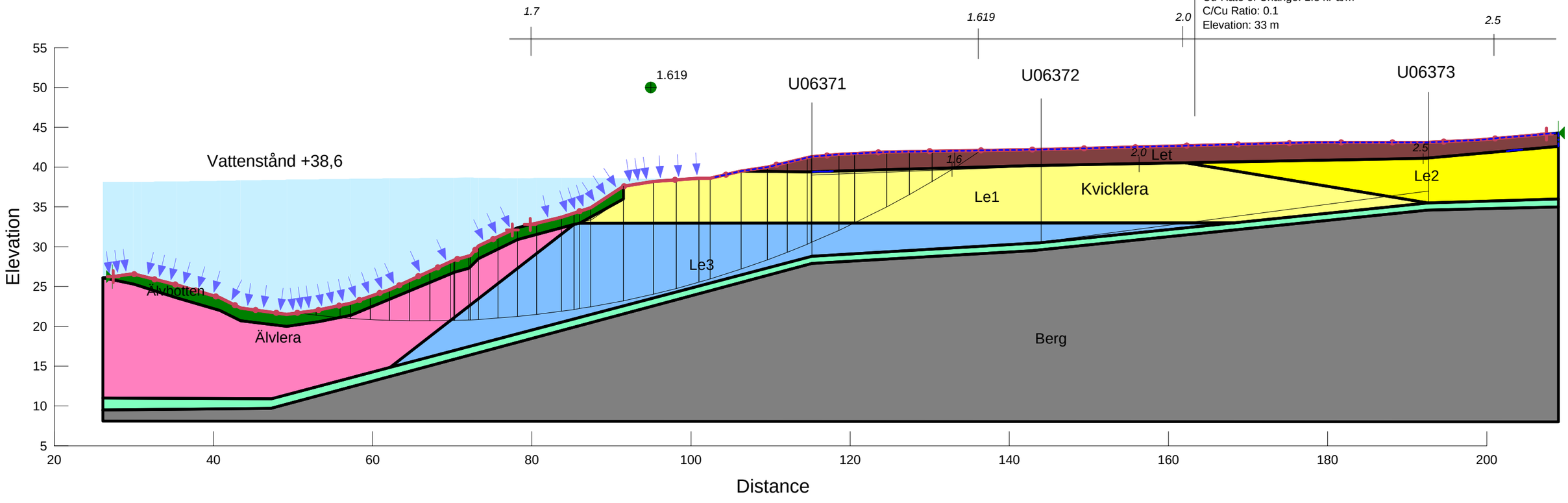
Name: Le2
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 3.8 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 38 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

Name: Le3
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 2.25 kPa
C-Rate of Change: 0.18 kPa/m
Cu-Datum: 22.5 kPa
Cu-Rate of Change: 1.8 kPa/m
C/Cu Ratio: 0.1
Elevation: 33 m

Name: Älvbotten
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
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: Älvlera
Model: Combined, S=f(depth)
Unit Weight: 16.5 kN/m³
Phi: 30 °
C-Top of Layer: 1.8 kPa
C-Rate of Change: 0.18 kPa/m
Cu-Top of Layer: 18 kPa
Cu-Rate of Change: 1.8 kPa/m
C/Cu Ratio: 0.1

Name: Fr
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 38 °
Phi-B: 0 °



Skala 1:500 (A3)

Bilaga 1:3

Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 37, KM 0/640 V
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Pressure Head Spatial Function
Date: 2010-12-15
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael

Name: Let
Model: Combined, S=f(depth)
Unit Weight: 18 kN/m³
Phi: 30 °
C-Top of Layer: 4 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 40 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

Name: Le1
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 2.25 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 22.5 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

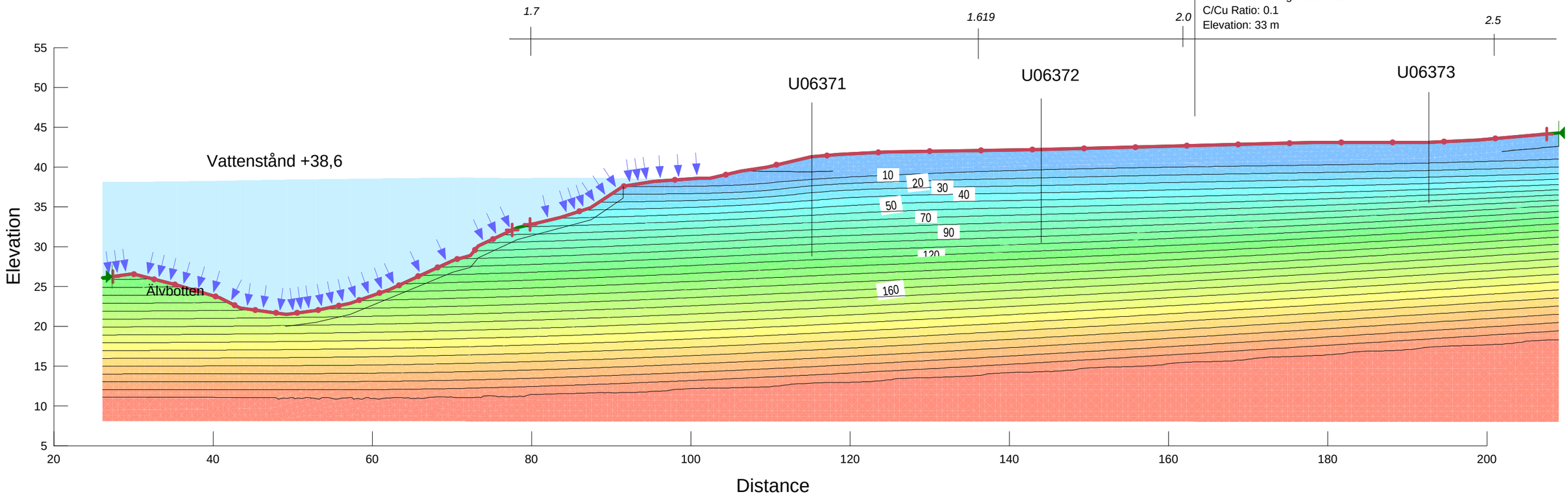
Name: Le2
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 3.8 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 38 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

Name: Le3
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 2.25 kPa
C-Rate of Change: 0.18 kPa/m
Cu-Datum: 22.5 kPa
Cu-Rate of Change: 1.8 kPa/m
C/Cu Ratio: 0.1
Elevation: 33 m

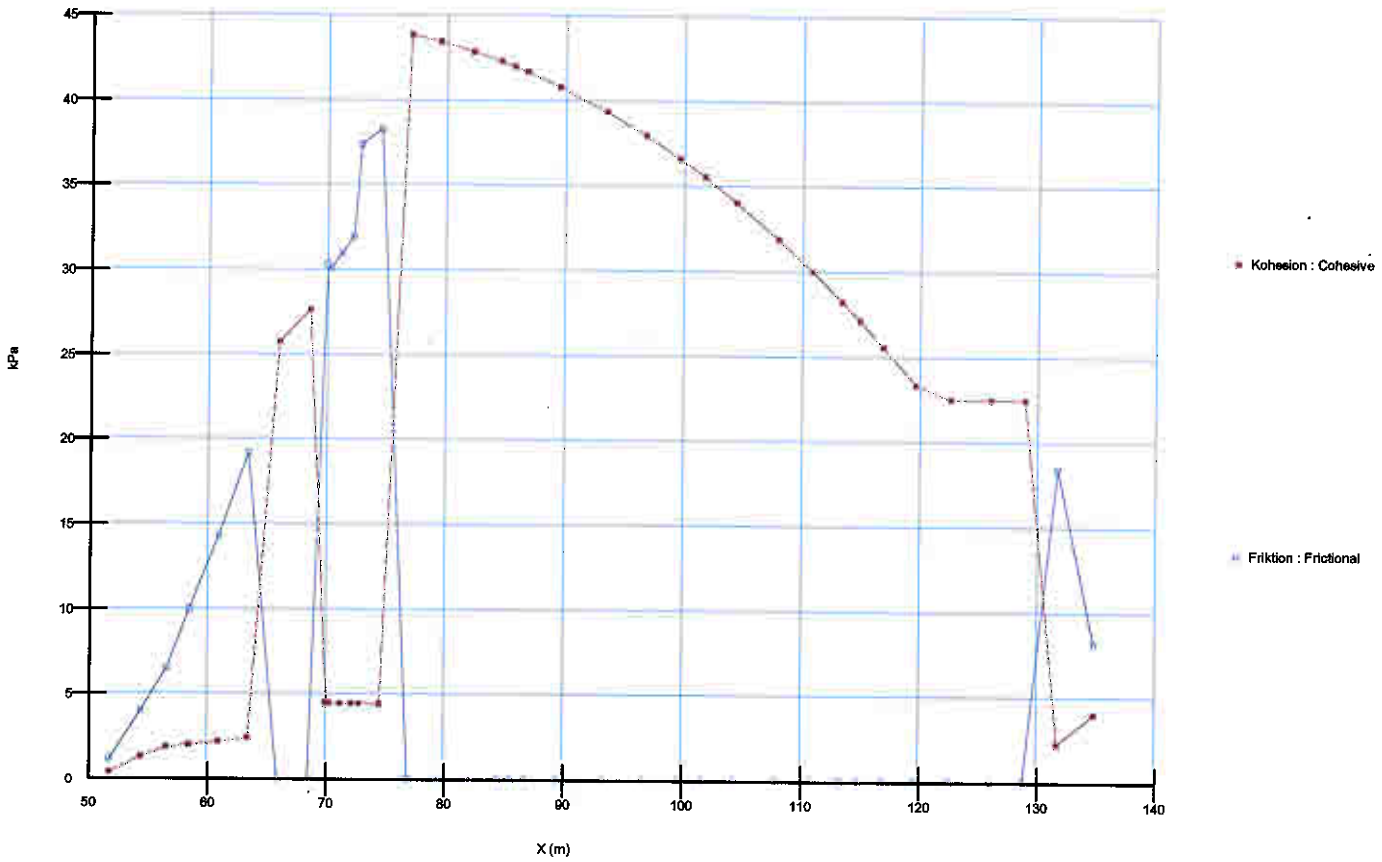
Name: Älvbotten
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 1.2 kPa/m
Cu-Top of Layer: 0 kPa
Cu-Rate of Change: 12 kPa/m
C/Cu Ratio: 0.1

Name: Älvlera
Model: Combined, S=f(depth)
Unit Weight: 16.5 kN/m³
Phi: 30 °
C-Top of Layer: 1.8 kPa
C-Rate of Change: 0.18 kPa/m
Cu-Top of Layer: 18 kPa
Cu-Rate of Change: 1.8 kPa/m
C/Cu Ratio: 0.1

Name: Fr
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 38 °
Phi-B: 0 °



Sektion 37, kohesion och friktion (kombinerad analys)



Sektion 37, spänningar (kombinerad analys)