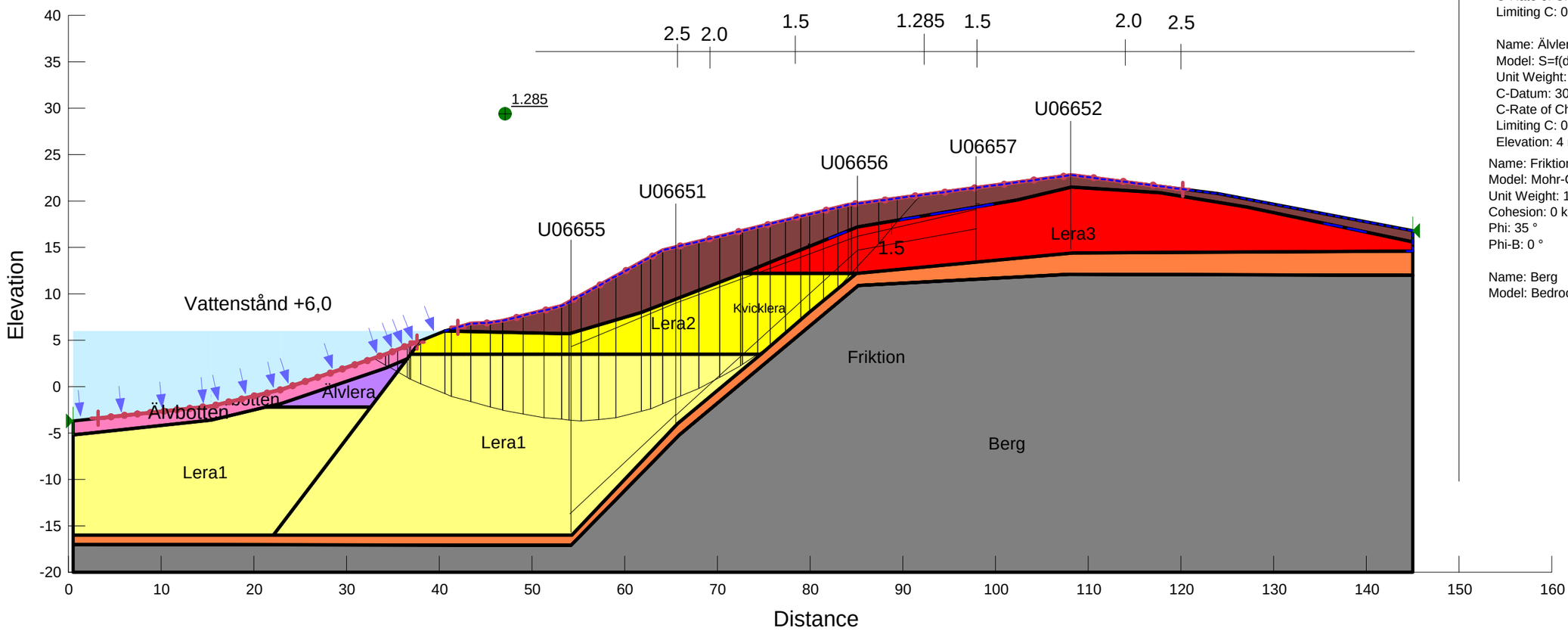
Bilaga 1:60

Skala 1:500 (A3)

Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 65, KM 13/300 V
Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Pressure Head Spatial Function
Date: 2010-12-08
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: 65 odrän.gsz



Name: Let
Model: Undrained (Phi=0)
Unit Weight: 18 kN/m³
Cohesion: 50 kPa

Name: Lera1
Model: S=f(datum)
Unit Weight: 17 kN/m³
C-Datum: 41 kPa
C-Rate of Change: 1.92 kPa/m
Limiting C: 80 kPa
Elevation: 3.5 m

Name: Lera2
Model: Undrained (Phi=0)
Unit Weight: 17 kN/m³
Cohesion: 41 kPa

Name: Lera3
Model: S=f(datum)
Unit Weight: 17 kN/m³
C-Datum: 100 kPa
C-Rate of Change: -6.34 kPa/m
Limiting C: 0 kPa
Elevation: 21.5 m

Name: Älvbotten
Model: S=f(depth)
Unit Weight: 15 kN/m³
C-Top of Layer: 0 kPa
C-Rate of Change: 20 kPa/m
Limiting C: 0 kPa

Name: Älvlera
Model: S=f(datum)
Unit Weight: 16 kN/m³
C-Datum: 30 kPa
C-Rate of Change: 3.56 kPa/m
Limiting C: 0 kPa
Elevation: 4 m

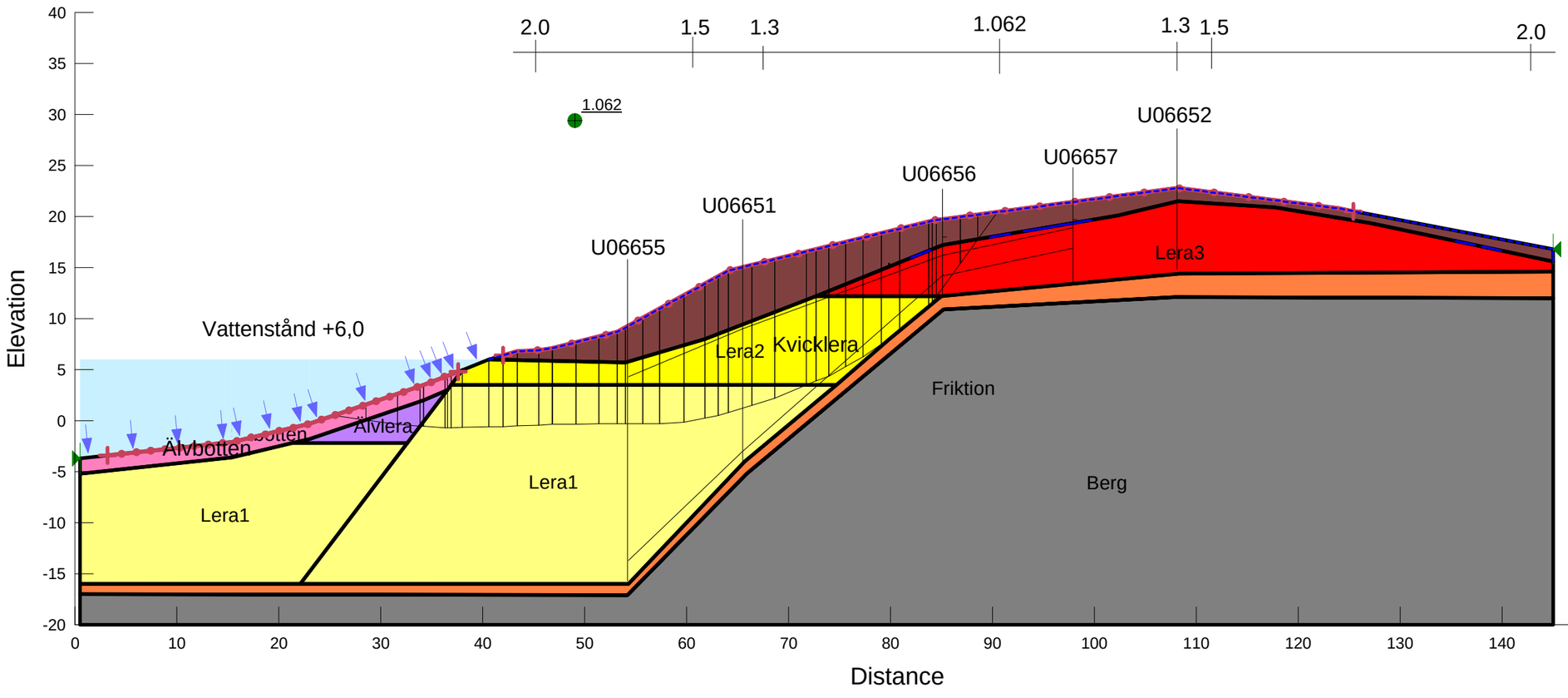
Name: Friktion
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Phi-B: 0 °

Name: Berg
Model: Bedrock (Impenetrable)

Skala 1:500 (A3)

Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 65, KM 13/300 V
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Pressure Head Spatial Function
Date: 2010-12-08
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: 65 komb.gsz



Name: Let
Model: Combined, S=f(depth)
Unit Weight: 18 kN/m³
Phi: 30 °
C-Top of Layer: 5 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 50 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

Name: Lera1
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 4.1 kPa
C-Rate of Change: 0.192 kPa/m
Cu-Datum: 41 kPa
Cu-Rate of Change: 1.92 kPa/m
C/Cu Ratio: 0.1
Elevation: 3.5 m

Name: Lera2
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 4.1 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 41 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

Name: Lera3
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 10 kPa
C-Rate of Change: -0.634 kPa/m
Cu-Datum: 100 kPa
Cu-Rate of Change: -6.34 kPa/m
C/Cu Ratio: 0.1
Elevation: 21.5 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: 2 kPa/m
Cu-Top of Layer: 0 kPa
Cu-Rate of Change: 20 kPa/m
C/Cu Ratio: 0.1

Name: Älvlera
Model: Combined, S=f(datum)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Datum: 3 kPa
C-Rate of Change: 0.356 kPa/m
Cu-Datum: 30 kPa
Cu-Rate of Change: 3.46 kPa/m
C/Cu Ratio: 0.1
Elevation: 4 m

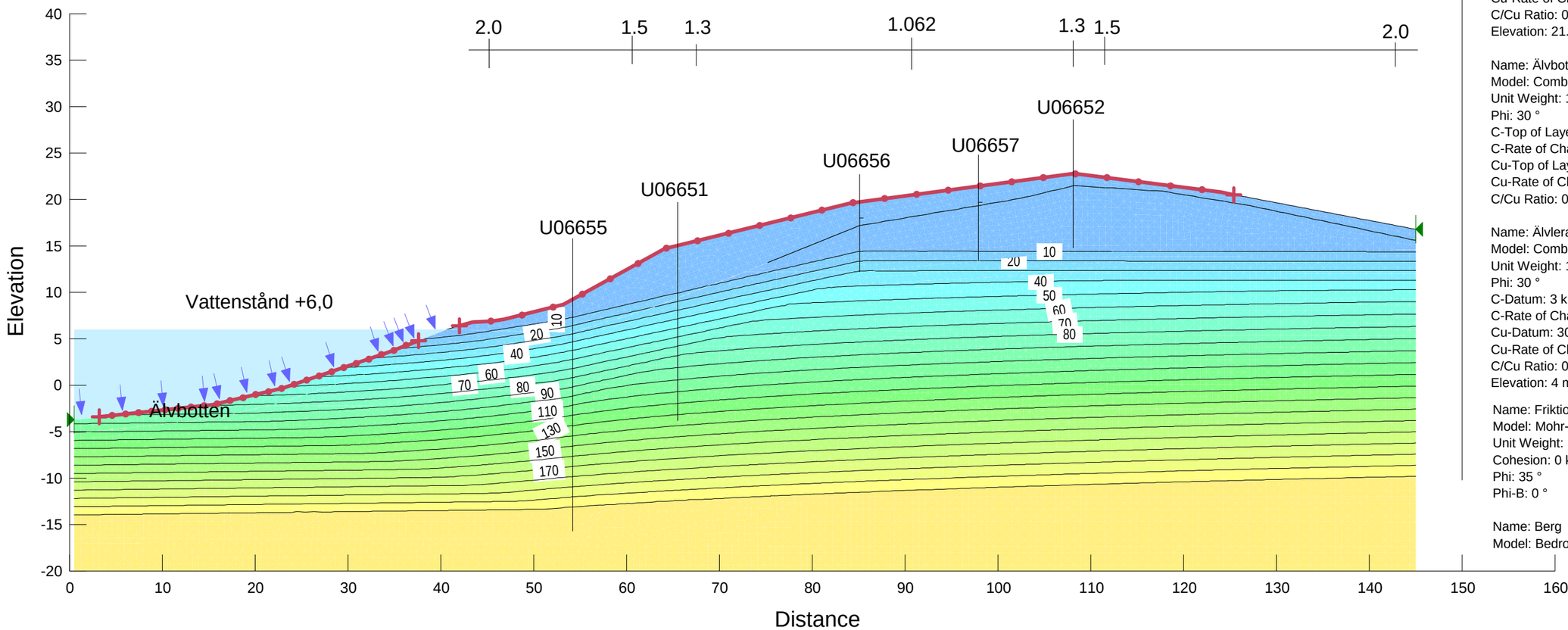
Name: Friktion
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Phi-B: 0 °

Name: Berg
Model: Bedrock (Impenetrable)

Skala 1:500 (A3)

Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 65, KM 13/300 V
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Pressure Head Spatial Function
Date: 2010-12-14
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael



Name: Lera1
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 4.1 kPa
C-Rate of Change: 0.192 kPa/m
Cu-Datum: 41 kPa
Cu-Rate of Change: 1.92 kPa/m
C/Cu Ratio: 0.1
Elevation: 3.5 m

Name: Lera2
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 4.1 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 41 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

Name: Lera3
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 10 kPa
C-Rate of Change: -0.634 kPa/m
Cu-Datum: 100 kPa
Cu-Rate of Change: -6.34 kPa/m
C/Cu Ratio: 0.1
Elevation: 21.5 m

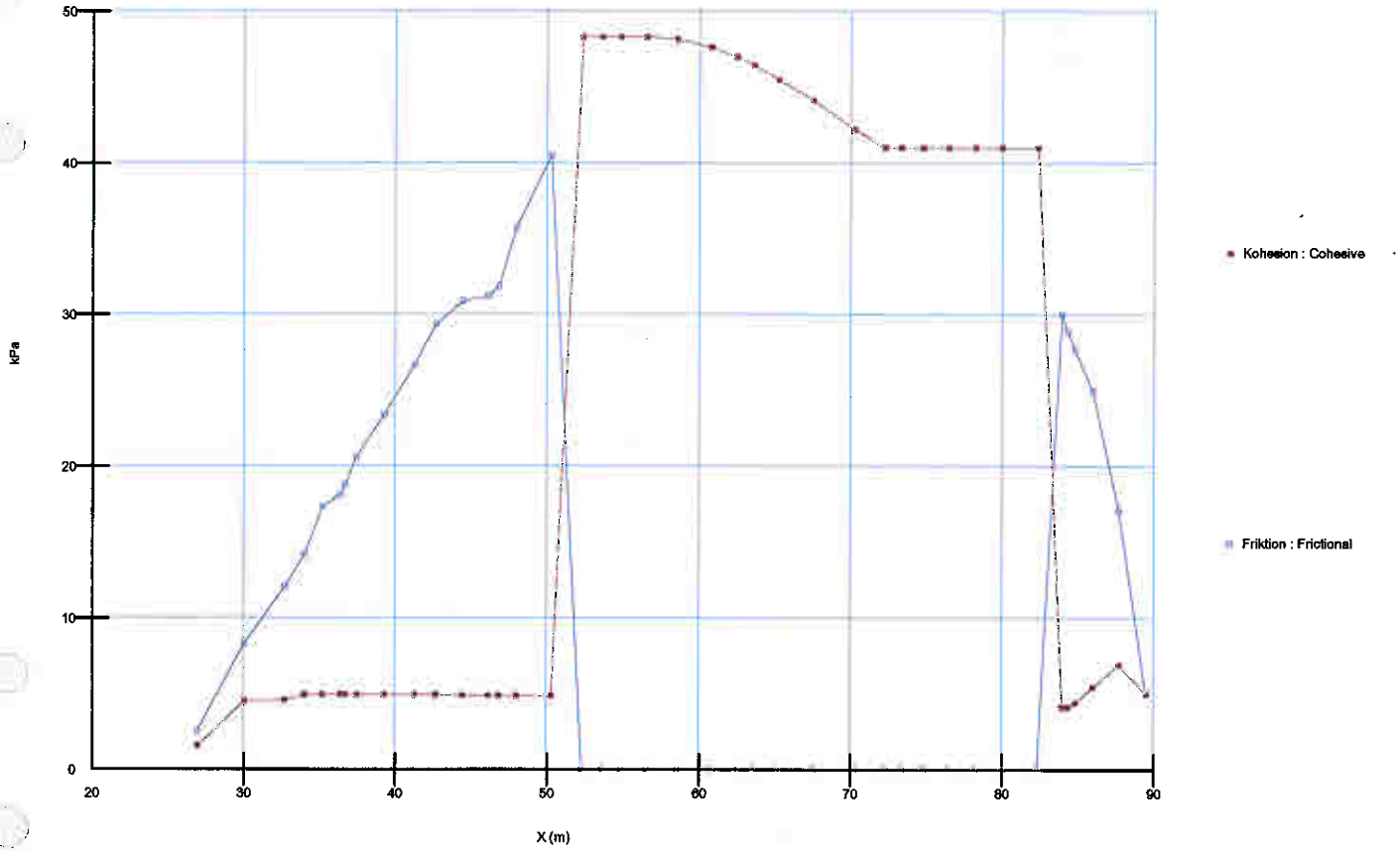
Name: Älvbotten
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 2 kPa/m
Cu-Top of Layer: 0 kPa
Cu-Rate of Change: 20 kPa/m
C/Cu Ratio: 0.1

Name: Älvlera
Model: Combined, S=f(datum)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Datum: 3 kPa
C-Rate of Change: 0.356 kPa/m
Cu-Datum: 30 kPa
Cu-Rate of Change: 3.46 kPa/m
C/Cu Ratio: 0.1
Elevation: 4 m

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

Name: Berg
Model: Bedrock (Impenetrable)

Sektion 65, kohesion och friktion (kombinerad analys)



Sektion 65, spänningar (kombinerad analys)