Skala 1:500 (A3)

Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 43, KM 2/930 V
Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Piezometric Line
Date: 2010-12-09
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: 43 odrän.gsz

Name: Sit
Model: Undrained (Phi=0)
Unit Weight: 18 kN/m³
Cohesion: 35 kPa
Piezometric Line: 1

Name: siLe
Model: Undrained (Phi=0)
Unit Weight: 17 kN/m³
Cohesion: 30 kPa
Piezometric Line: 1

Name: Le1
Model: S=f(depth)
Unit Weight: 17 kN/m³
C-Top of Layer: 19 kPa
C-Rate of Change: 0 kPa/m
Limiting C: 0 kPa
Piezometric Line: 1

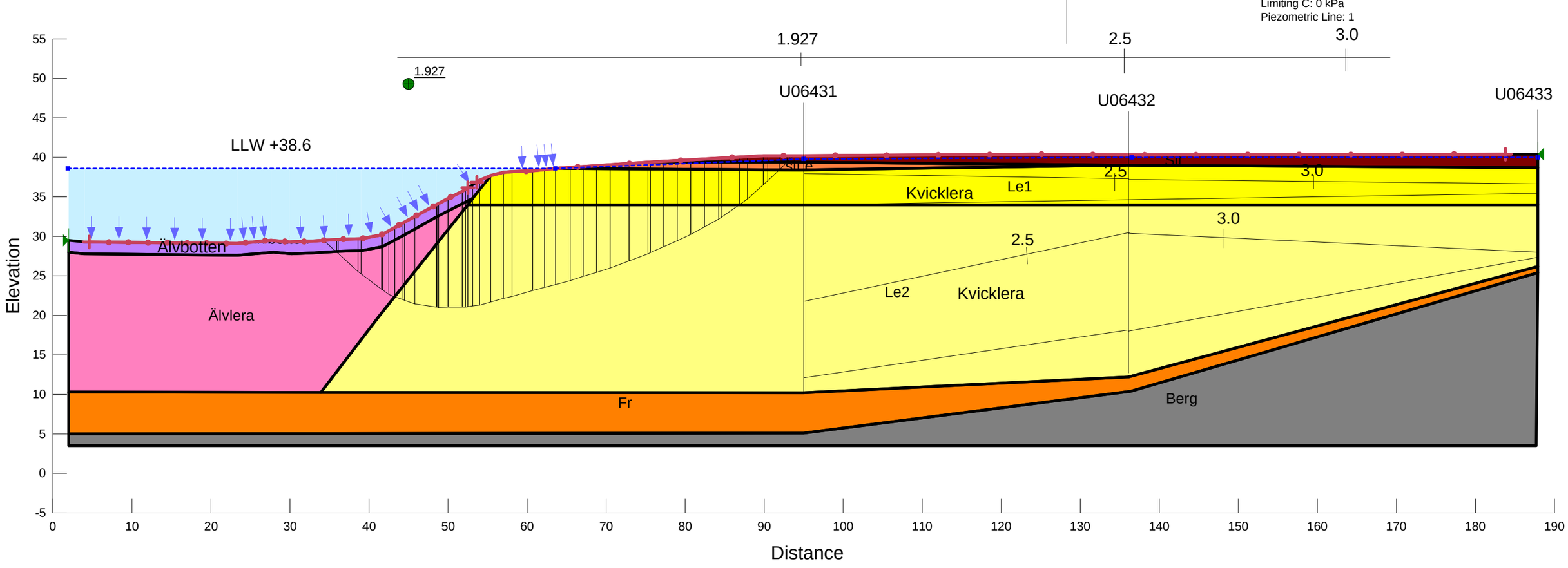
Name: Fr
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 38 °
Phi-B: 0 °
Piezometric Line: 1

Name: Berg
Model: Bedrock (Impenetrable)
Piezometric Line: 1

Name: Le2
Model: S=f(datum)
Unit Weight: 17 kN/m³
C-Datum: 19 kPa
C-Rate of Change: 1.21 kPa/m
Limiting C: 0 kPa
Elevation: 34 m
Piezometric Line: 1

Name: Älvlera
Model: S=f(datum)
Unit Weight: 17 kN/m³
C-Datum: 7 kPa
C-Rate of Change: 1.4 kPa/m
Limiting C: 0 kPa
Elevation: 35 m
Piezometric Line: 1

Name: Älvbotten
Model: S=f(depth)
Unit Weight: 15 kN/m³
C-Top of Layer: 0 kPa
C-Rate of Change: 4.6 kPa/m
Limiting C: 0 kPa
Piezometric Line: 1



Bilaga 1:23

Skala 1:500 (A3)

Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 43, KM 2/930 V
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Piezometric Line
Date: 2010-12-09
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael

Name: Sit
Model: Combined, S=f(depth)
Unit Weight: 18 kN/m³
Phi: 30 °
C-Top of Layer: 3.5 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 35 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: siLe
Model: Combined, S=f(depth)
Unit Weight: 17 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
Piezometric Line: 1

Name: Le1
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 1.9 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 19 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

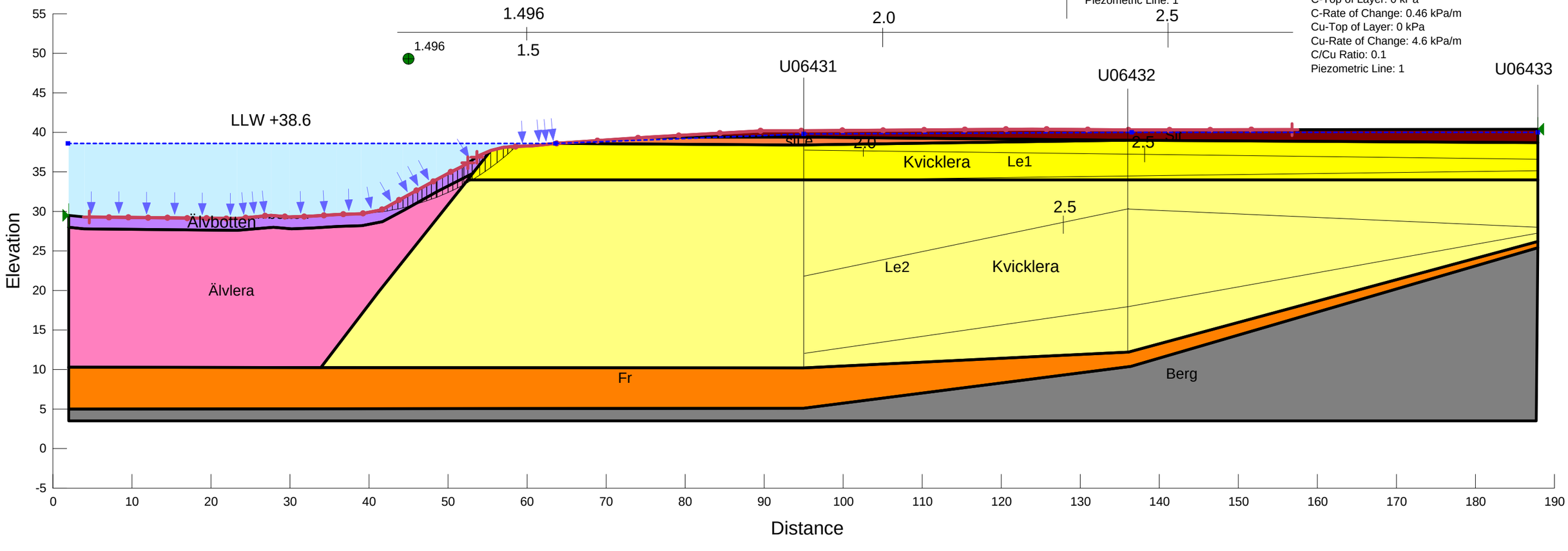
Name: Fr
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 38 °
Phi-B: 0 °
Piezometric Line: 1

Name: Berg
Model: Bedrock (Impenetrable)
Piezometric Line: 1

Name: Le2
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 1.9 kPa
C-Rate of Change: 0.121 kPa/m
Cu-Datum: 19 kPa
Cu-Rate of Change: 1.21 kPa/m
C/Cu Ratio: 0.1
Elevation: 34 m
Piezometric Line: 1

Name: Älvlera
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 0.7 kPa
C-Rate of Change: 0.14 kPa/m
Cu-Datum: 7 kPa
Cu-Rate of Change: 1.4 kPa/m
C/Cu Ratio: 0.1
Elevation: 35 m
Piezometric Line: 1

Name: Älvbotten
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0.46 kPa/m
Cu-Top of Layer: 0 kPa
Cu-Rate of Change: 4.6 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1



Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 43, KM 2/930 V
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Piezometric Line
Date: 2010-12-13
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael

Name: Sit
Model: Combined, S=f(depth)
Unit Weight: 18 kN/m³
Phi: 30 °
C-Top of Layer: 3.5 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 35 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: siLe
Model: Combined, S=f(depth)
Unit Weight: 17 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
Piezometric Line: 1

Name: Le1
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 1.9 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 19 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Fr
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 38 °
Phi-B: 0 °
Piezometric Line: 1

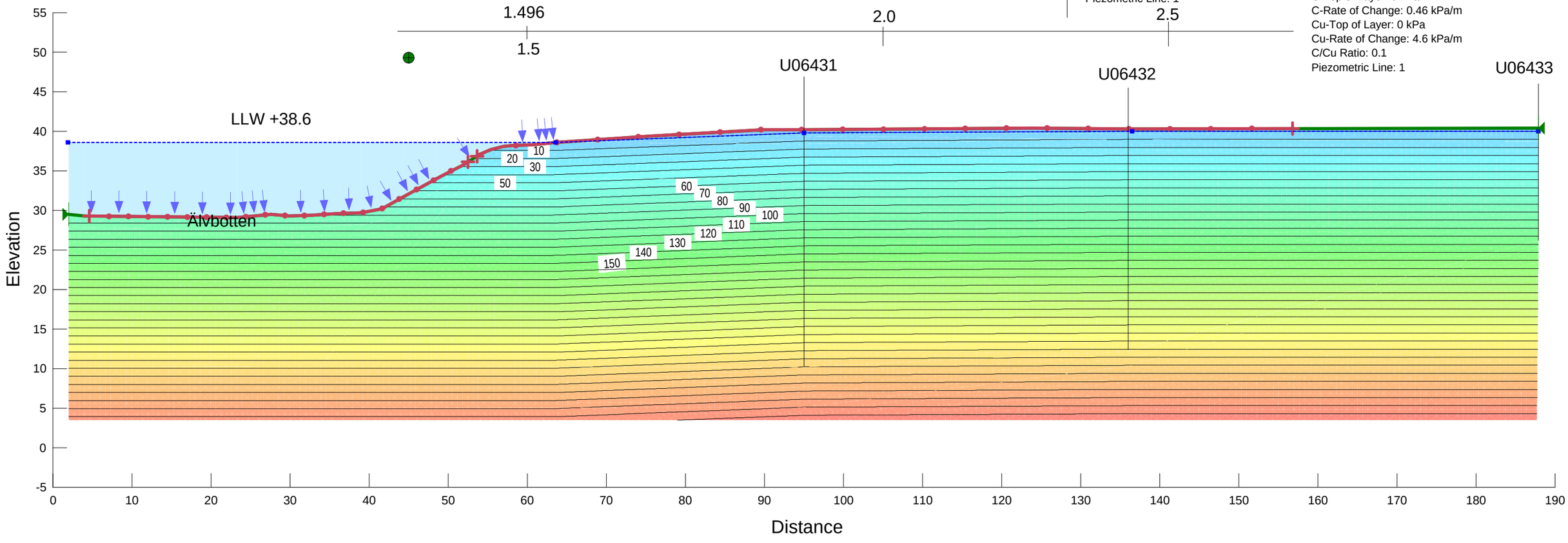
Skala 1:500 (A3)

Name: Berg
Model: Bedrock (Impenetrable)
Piezometric Line: 1

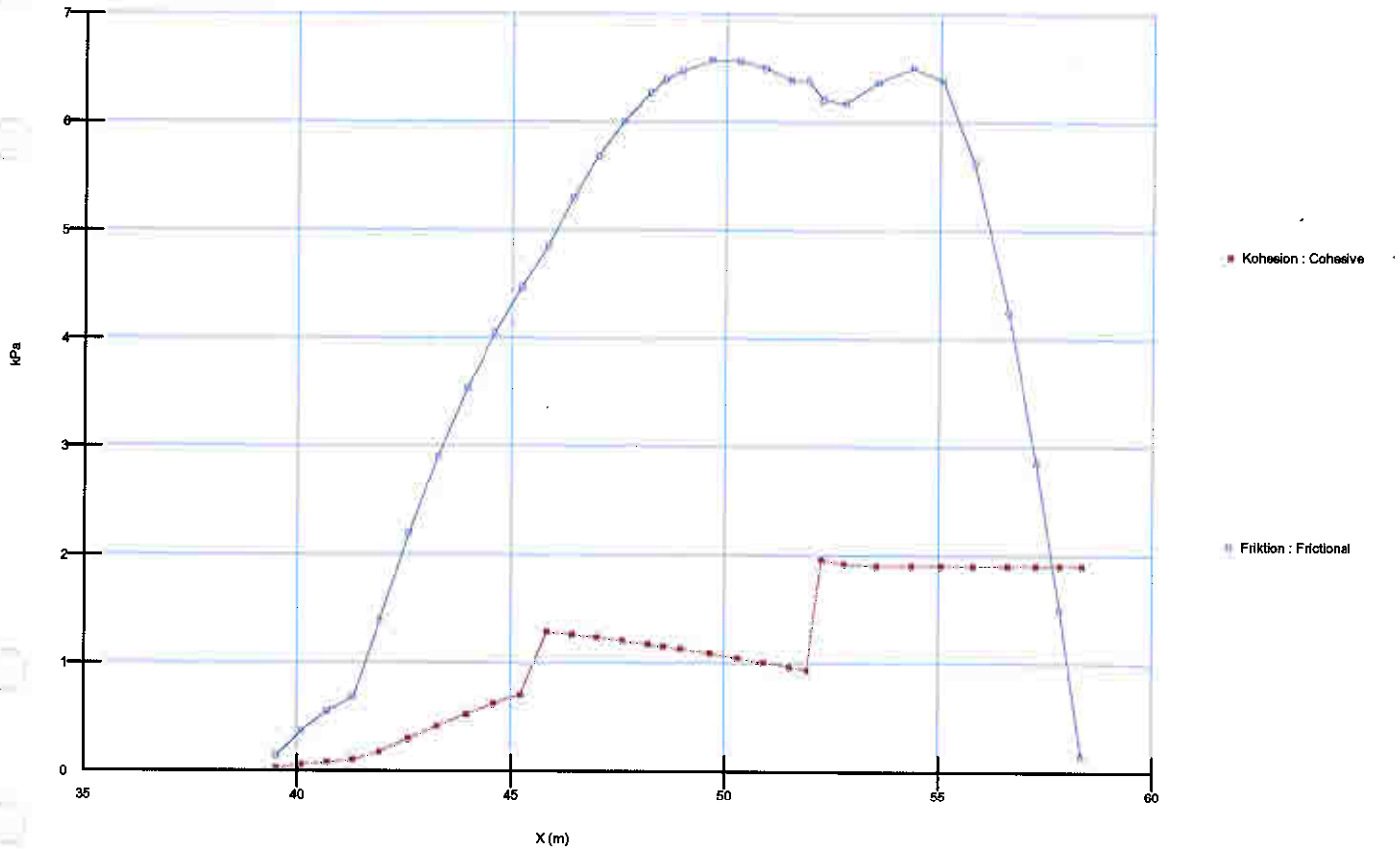
Name: Le2
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 1.9 kPa
C-Rate of Change: 0.121 kPa/m
Cu-Datum: 19 kPa
Cu-Rate of Change: 1.21 kPa/m
C/Cu Ratio: 0.1
Elevation: 34 m
Piezometric Line: 1

Name: Älvlera
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 0.7 kPa
C-Rate of Change: 0.14 kPa/m
Cu-Datum: 7 kPa
Cu-Rate of Change: 1.4 kPa/m
C/Cu Ratio: 0.1
Elevation: 35 m
Piezometric Line: 1

Name: Älvbotten
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0.46 kPa/m
Cu-Top of Layer: 0 kPa
Cu-Rate of Change: 4.6 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1



Sektion 43, kohesion och friktion (kombinerad analys)



Sektion 43, spänningar (kombinerad analys)