Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 35, KM 12/780 E
Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Piezometric Line
Date: 2010-12-08
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: 35 BB Odrän.gsz

Skala 1:400 (A3)
Bilaga 1:55

Name: Let
Model: S=f(depth)
Unit Weight: 18 kN/m³
C-Top of Layer: 45 kPa
C-Rate of Change: 0 kPa/m
Limiting C: 0 kPa
Piezometric Line: 1

Name: Lera 1
Model: S=f(depth)
Unit Weight: 17 kN/m³
C-Top of Layer: 32 kPa
C-Rate of Change: 0 kPa/m
Limiting C: 0 kPa
Piezometric Line: 1

Name: Lera 2
Model: S=f(datum)
Unit Weight: 17 kN/m³
C-Datum: 32 kPa
C-Rate of Change: 3.125 kPa/m
Limiting C: 60 kPa
Elevation: 5.2 m
Piezometric Line: 1

Name: Lera 3
Model: S=f(depth)
Unit Weight: 17 kN/m³
C-Top of Layer: 22 kPa
C-Rate of Change: 0 kPa/m
Limiting C: 0 kPa
Piezometric Line: 1

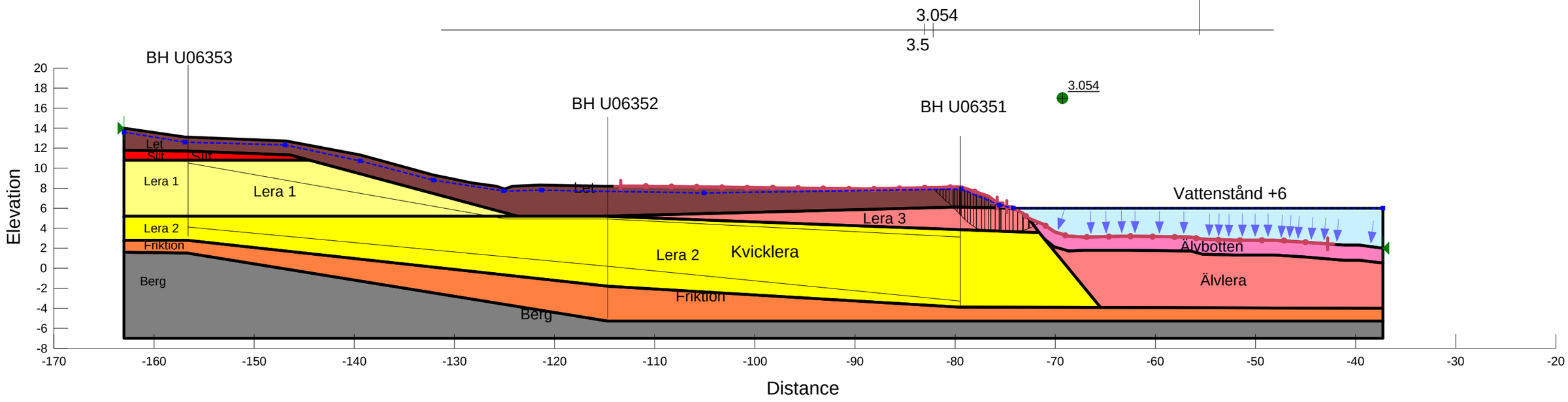
Name: Älvbotten
Model: S=f(depth)
Unit Weight: 15 kN/m³
C-Top of Layer: 0 kPa
C-Rate of Change: 20.66 kPa/m
Limiting C: 0 kPa
Piezometric Line: 1

Name: Älvlera
Model: S=f(datum)
Unit Weight: 17 kN/m³
C-Datum: 31 kPa
C-Rate of Change: 3.125 kPa/m
Limiting C: 0 kPa
Elevation: 4 m
Piezometric Line: 1

Name: Silt
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Phi-B: 0 °
Piezometric Line: 1

Name: Friktion
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Phi-B: 0 °
Piezometric Line: 1

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



Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 35, KM 12/780 E
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Piezometric Line
Date: 2011-04-14
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: 35 BB Komb.gsz

Skala 1:400 (A3)

Bilaga 1:56

Name: Let
Model: Combined, S=f(depth)
Unit Weight: 18 kN/m³
Phi: 30 °
C-Top of Layer: 4.5 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 45 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Lera 1
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 3.2 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 32 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Lera 2
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 3.2 kPa
C-Rate of Change: 0.3125 kPa/m
Cu-Datum: 32 kPa
Cu-Rate of Change: 3.125 kPa/m
C/Cu Ratio: 0.1
Elevation: 5.2 m
Piezometric Line: 1

Name: Lera 3
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 2.2 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 22 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

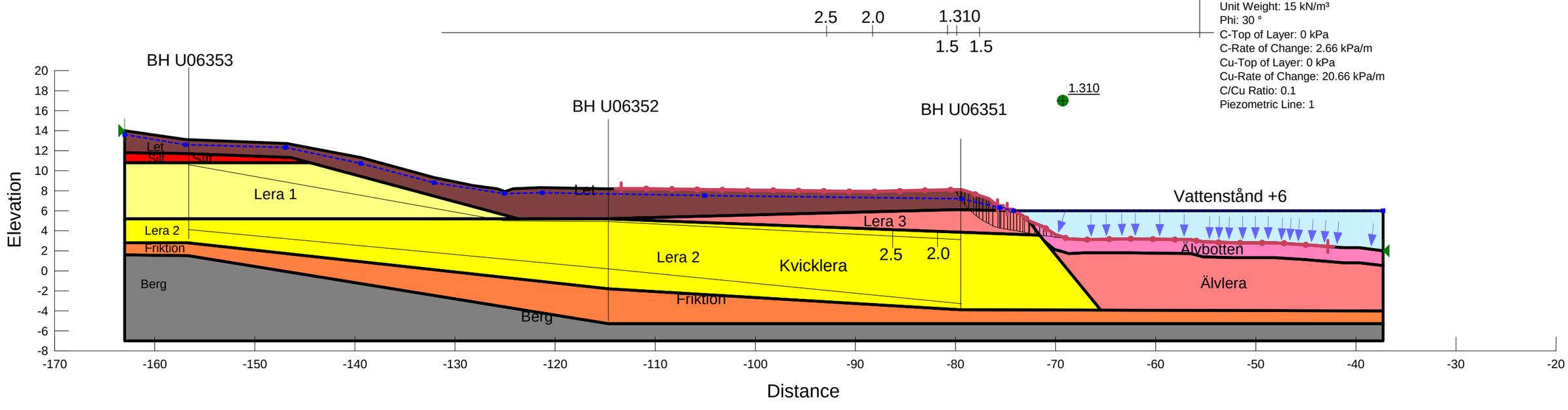
Name: Älvbotten
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 2.66 kPa/m
Cu-Top of Layer: 0 kPa
Cu-Rate of Change: 20.66 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Älvlera
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 3.1 kPa
C-Rate of Change: 0.3125 kPa/m
Cu-Datum: 31 kPa
Cu-Rate of Change: 3.125 kPa/m
C/Cu Ratio: 0.1
Elevation: 4 m
Piezometric Line: 1

Name: Silt
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Phi-B: 0 °
Piezometric Line: 1

Name: Friktion
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Phi-B: 0 °
Piezometric Line: 1

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



Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 35, KM 12/780 E
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Piezometric Line
Date: 2011-04-14
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: 35 BB Komb.gsz

Skala 1:400 (A3)

Bilaga 1:57

Name: Let
Model: Combined, S=f(depth)
Unit Weight: 18 kN/m³
Phi: 30 °
C-Top of Layer: 4.5 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 45 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Lera 1
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 3.2 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 32 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Lera 2
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 3.2 kPa
C-Rate of Change: 0.3125 kPa/m
Cu-Datum: 32 kPa
Cu-Rate of Change: 3.125 kPa/m
C/Cu Ratio: 0.1
Elevation: 5.2 m
Piezometric Line: 1

Name: Lera 3
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 2.2 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 22 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

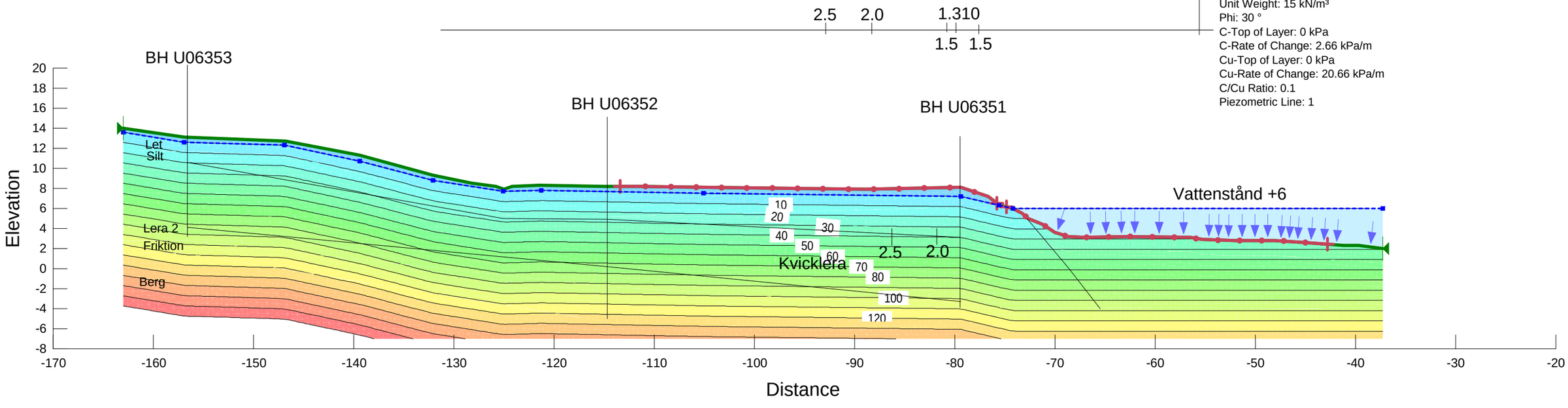
Name: Älvbotten
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 2.66 kPa/m
Cu-Top of Layer: 0 kPa
Cu-Rate of Change: 20.66 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Älvlera
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 3.1 kPa
C-Rate of Change: 0.3125 kPa/m
Cu-Datum: 31 kPa
Cu-Rate of Change: 3.125 kPa/m
C/Cu Ratio: 0.1
Elevation: 4 m
Piezometric Line: 1

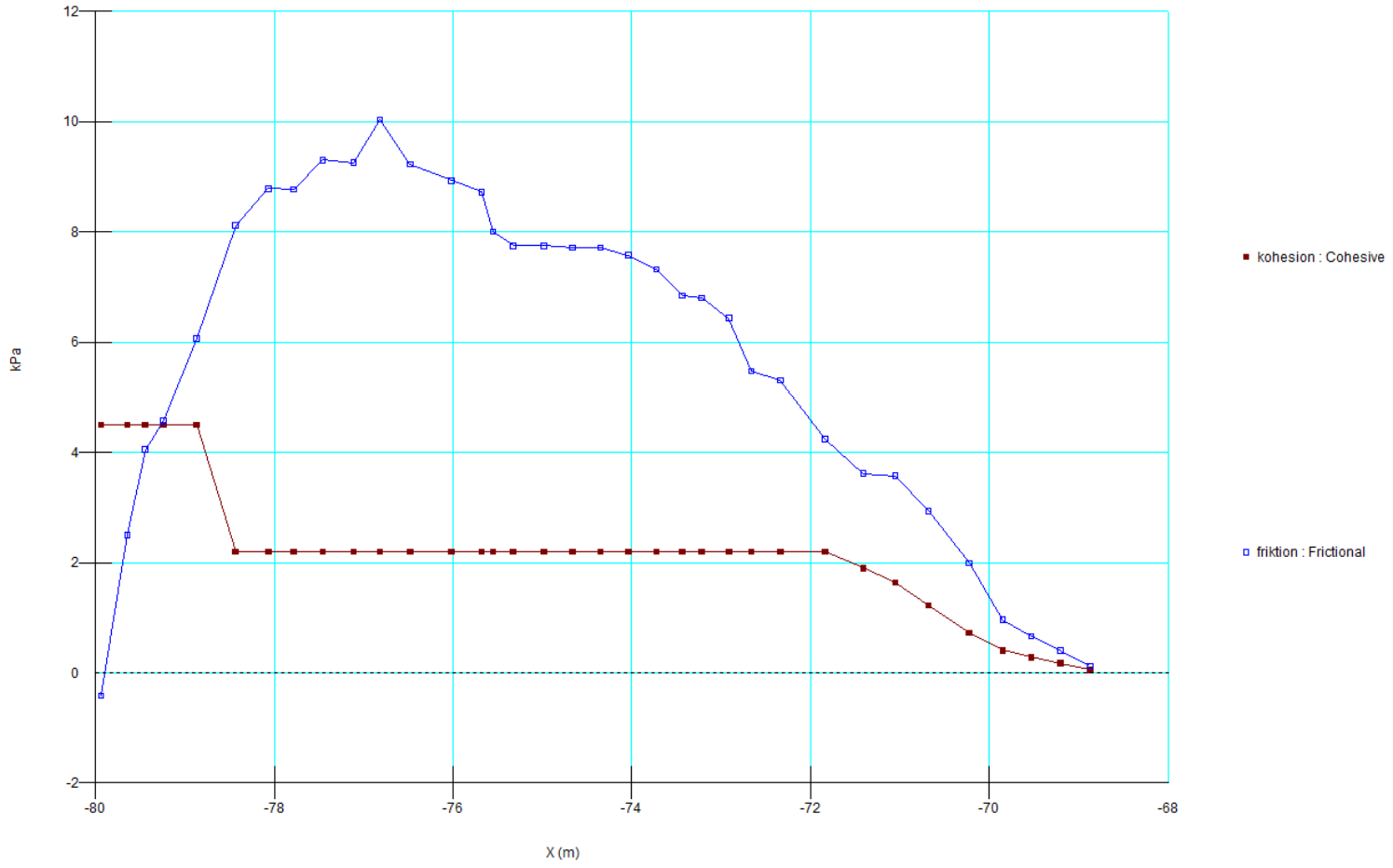
Name: Silt
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Phi-B: 0 °
Piezometric Line: 1

Name: Friktion
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Phi-B: 0 °
Piezometric Line: 1

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



Sektion 35 (Km 12/780), kohesion och friktion (kombinerad analys)



Sektion 35 (Km 12/780), spänningar (kombinerad analys)