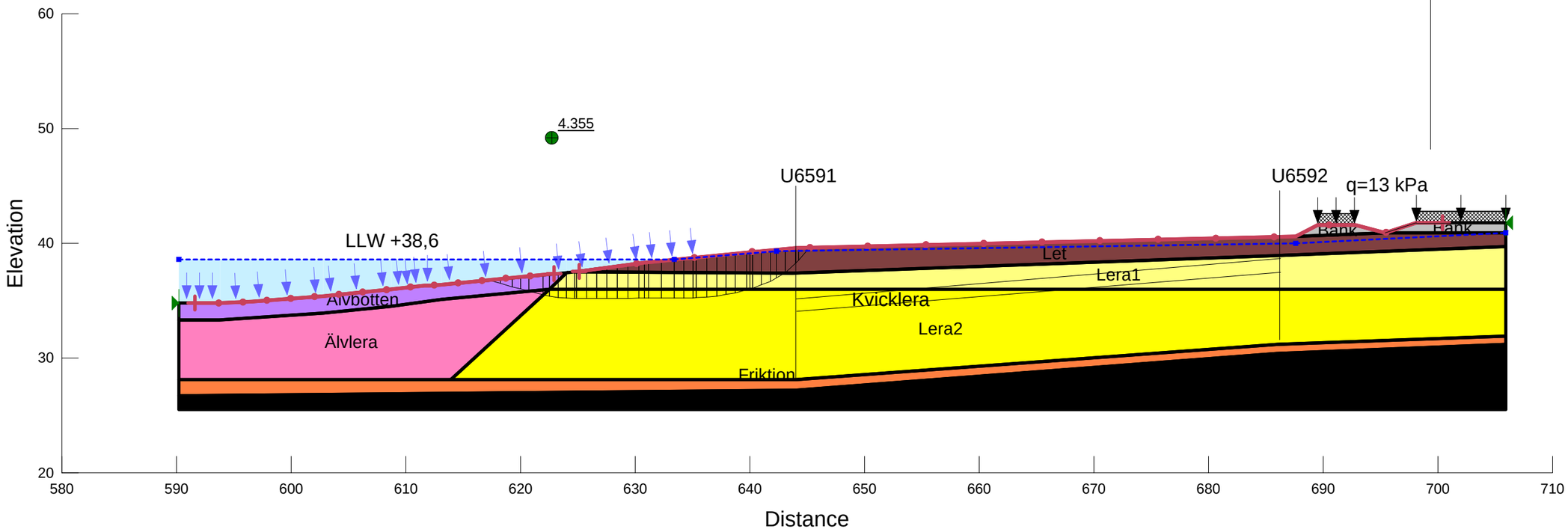
Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 59, KM 8/400 V
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Piezometric Line
Date: 2010-12-15
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: 59 Komb.gsz

Skala 1:400

Bilaga 1:51



Name: Let
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: Lera1
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 2.1 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 21 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Lera2
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 2.1 kPa
C-Rate of Change: 0.3625 kPa/m
Cu-Datum: 21 kPa
Cu-Rate of Change: 3.625 kPa/m
C/Cu Ratio: 0.1
Elevation: 36 m
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: Bank
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: Älvbotten
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0.53 kPa/m
Cu-Top of Layer: 0 kPa
Cu-Rate of Change: 5.3 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

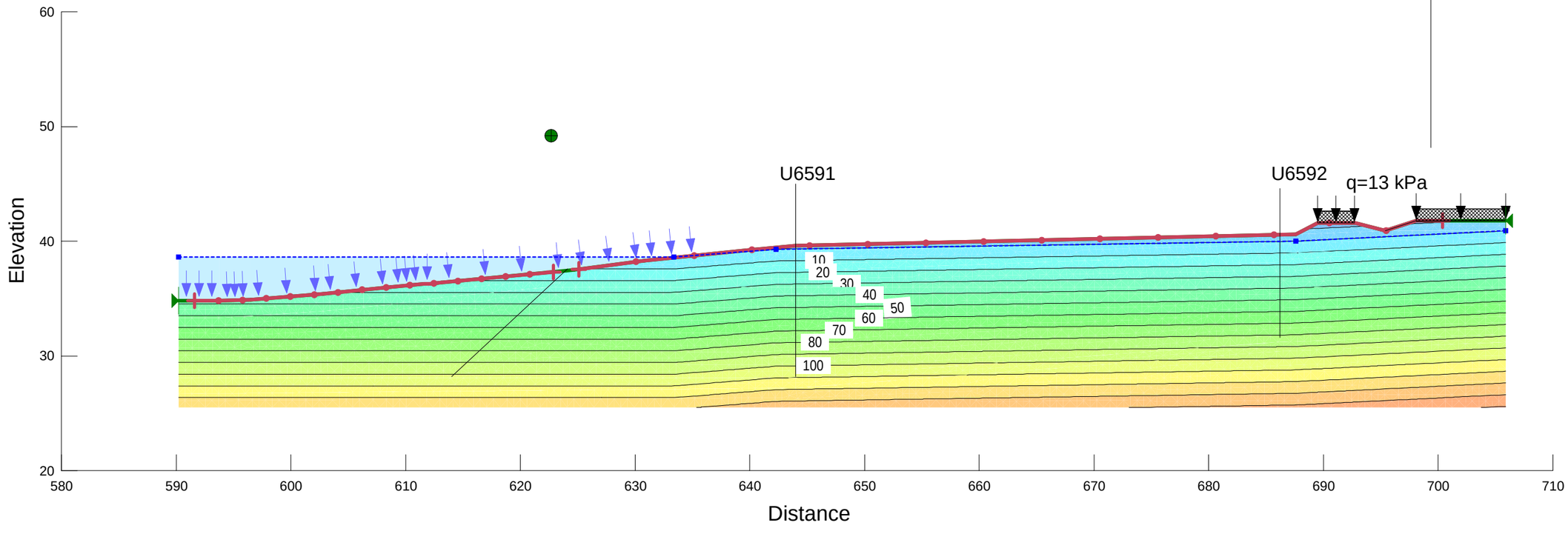
Name: Älvlera
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 0.8 kPa
C-Rate of Change: 0.085 kPa/m
Cu-Datum: 8 kPa
Cu-Rate of Change: 0.85 kPa/m
C/Cu Ratio: 0.1
Elevation: 36 m
Piezometric Line: 1

Skala 1:400 (för A3)

Bilaga 1:52

Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 59, KM 8/400 V
Analysmetod: Kombinerad

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



Name: Lera
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: Lera1
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 2.1 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 21 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Lera2
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 2.1 kPa
C-Rate of Change: 0.3625 kPa/m
Cu-Datum: 21 kPa
Cu-Rate of Change: 3.625 kPa/m
C/Cu Ratio: 0.1
Elevation: 36 m
Piezometric Line: 1

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

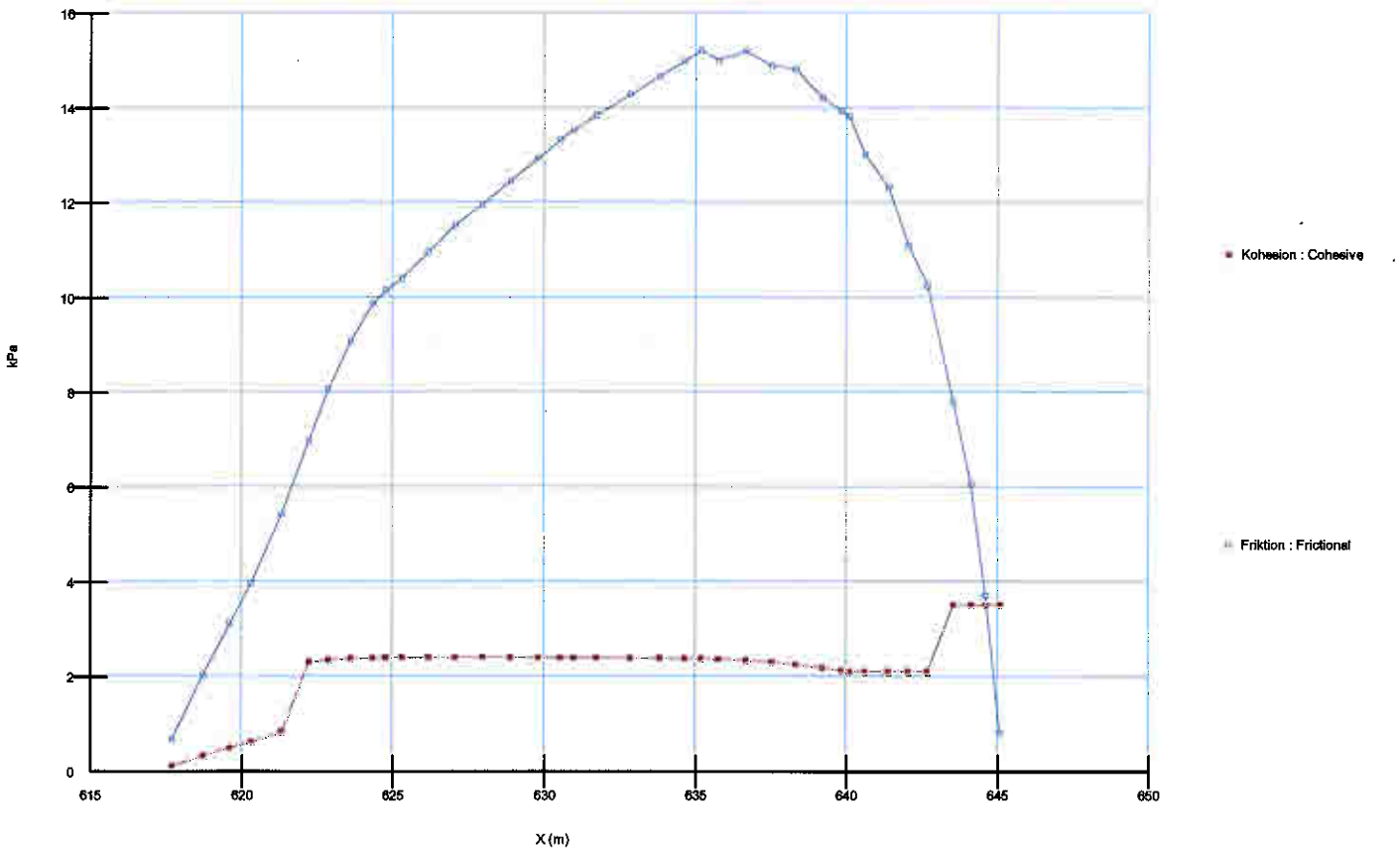
Name: Bank
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 38 °
Phi-B: 0 °
Piezometric Line: 1

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

Name: Älvbotten
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0.53 kPa
C-Rate of Change: 5.3 kPa/m
Cu-Top of Layer: 0 kPa
Cu-Rate of Change: 0 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: 0.8 kPa
C-Rate of Change: 0.085 kPa/m
Cu-Datum: 8 kPa
Cu-Rate of Change: 0.85 kPa/m
C/Cu Ratio: 0.1
Elevation: 36 m
Piezometric Line: 1

Sektion 59, kohesion och friktion (kombinerad analys)



Sektion 59, Spänningar (kombinerad analys)