Skala 1:500 (A3)

Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 53, KM 5/900 V
Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Piezometric Line
Date: 2010-12-10
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: 53 odrän.gsz

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

Name: Sand
Model: Mohr-Coulomb
Unit Weight: 19.5 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Phi-B: 0 °
Piezometric Line: 1

Name: Lera 1
Model: S=f(datum)
Unit Weight: 17 kN/m³
C-Datum: 24 kPa
C-Rate of Change: 3.5 kPa/m
Limiting C: 40 kPa
Elevation: 37.4 m
Piezometric Line: 1

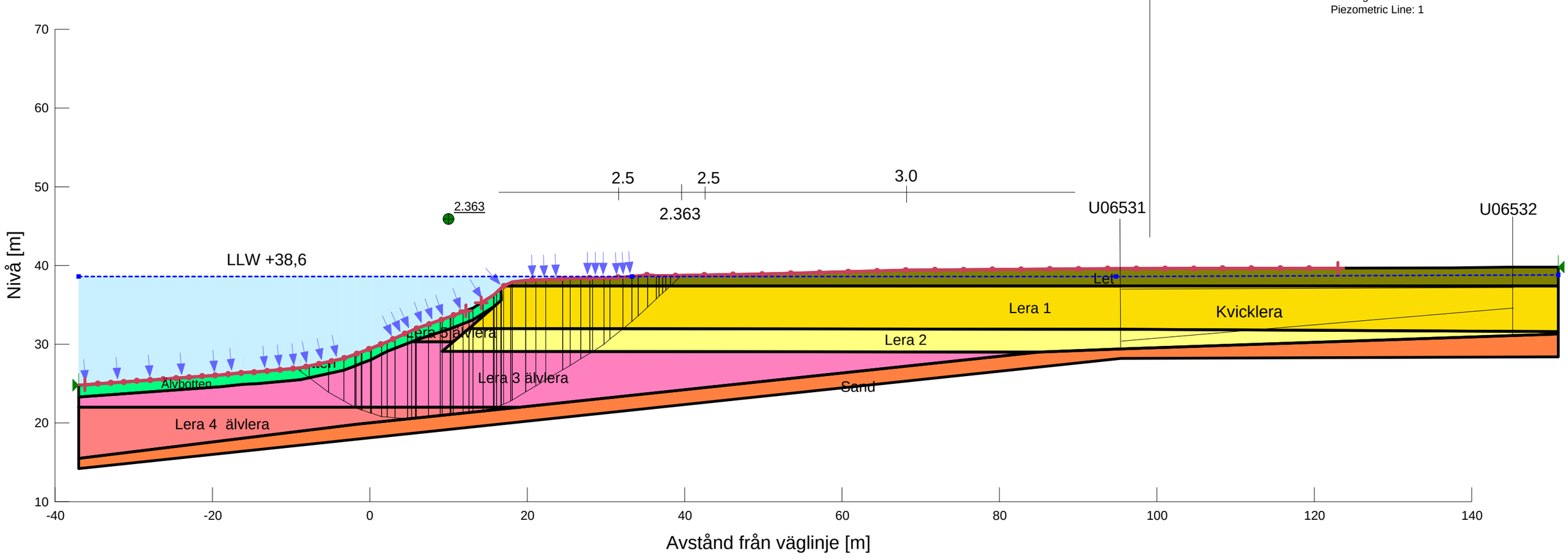
Name: Lera 2
Model: S=f(depth)
Unit Weight: 17 kN/m³
C-Top of Layer: 40 kPa
C-Rate of Change: -6 kPa/m
Limiting C: 0 kPa
Piezometric Line: 1

Name: Lera 4 älvlera
Model: S=f(datum)
Unit Weight: 16 kN/m³
C-Datum: 36 kPa
C-Rate of Change: 0 kPa/m
Limiting C: 0 kPa
Elevation: 24 m
Piezometric Line: 1

Name: Lera älvbotten
Model: S=f(depth)
Unit Weight: 15 kN/m³
C-Top of Layer: 0 kPa
C-Rate of Change: 5.3 kPa/m
Limiting C: 0 kPa
Piezometric Line: 1

Name: Lera 3 älvlera
Model: S=f(datum)
Unit Weight: 17 kN/m³
C-Datum: 18 kPa
C-Rate of Change: 2.3 kPa/m
Limiting C: 0 kPa
Elevation: 30.3 m
Piezometric Line: 1

Name: Lera 5 älvlera
Model: S=f(depth)
Unit Weight: 17 kN/m³
C-Top of Layer: 8 kPa
C-Rate of Change: 0.85 kPa/m
Limiting C: 0 kPa
Piezometric Line: 1



Bilaga 1:47

Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 53, KM 5/900 V
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Piezometric Line
Date: 2010-12-10
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
File Name: 53 komb.gsz

Skala 1:500 (A3)

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: Sand
Model: Mohr-Coulomb
Unit Weight: 19.5 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Phi-B: 0 °
Piezometric Line: 1

Name: Lera 1
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 2.4 kPa
C-Rate of Change: 0.35 kPa/m
Cu-Datum: 24 kPa
Cu-Rate of Change: 3.5 kPa/m
C/Cu Ratio: 0.1
Elevation: 37.4 m
Piezometric Line: 1

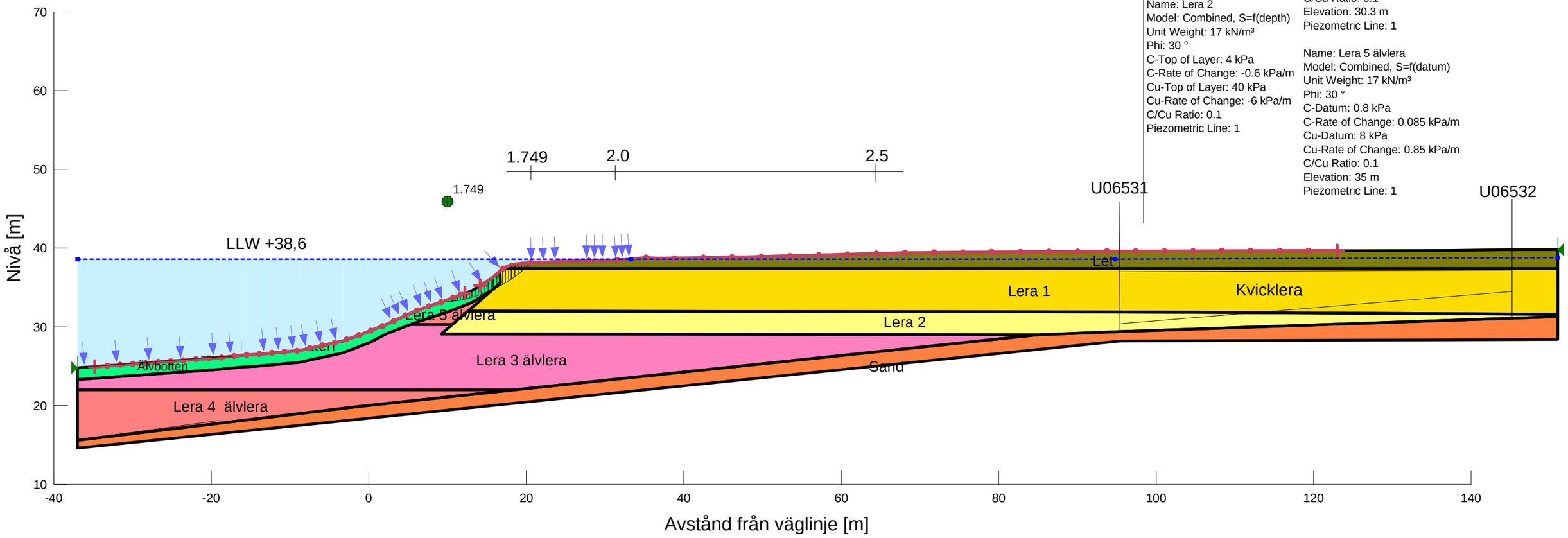
Name: Lera 2
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 4 kPa
C-Rate of Change: -0.6 kPa/m
Cu-Top of Layer: 40 kPa
Cu-Rate of Change: -6 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Lera 4 älvlera
Model: Combined, S=f(datum)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Datum: 3.6 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 36 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Elevation: 24 m
Piezometric Line: 1

Name: Lera 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: 5.33 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Lera 3 älvlera
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 1.8 kPa
C-Rate of Change: 0.23 kPa/m
Cu-Datum: 18 kPa
Cu-Rate of Change: 2.3 kPa/m
C/Cu Ratio: 0.1
Elevation: 30.3 m
Piezometric Line: 1

Name: Lera 5 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: 35 m
Piezometric Line: 1



Göta älv utredningen 2009-2013
Delområde: 6
SEKTION: 53, KM 5/900 V
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Piezometric Line
Date: 2010-12-10
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael

Skala 1:500 (A3)

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: Sand
Model: Mohr-Coulomb
Unit Weight: 19.5 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Phi-B: 0 °
Piezometric Line: 1

Name: Lera 1
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 2.4 kPa
C-Rate of Change: 0.35 kPa/m
Cu-Datum: 24 kPa
Cu-Rate of Change: 3.5 kPa/m
C/Cu Ratio: 0.1
Elevation: 37.4 m
Piezometric Line: 1

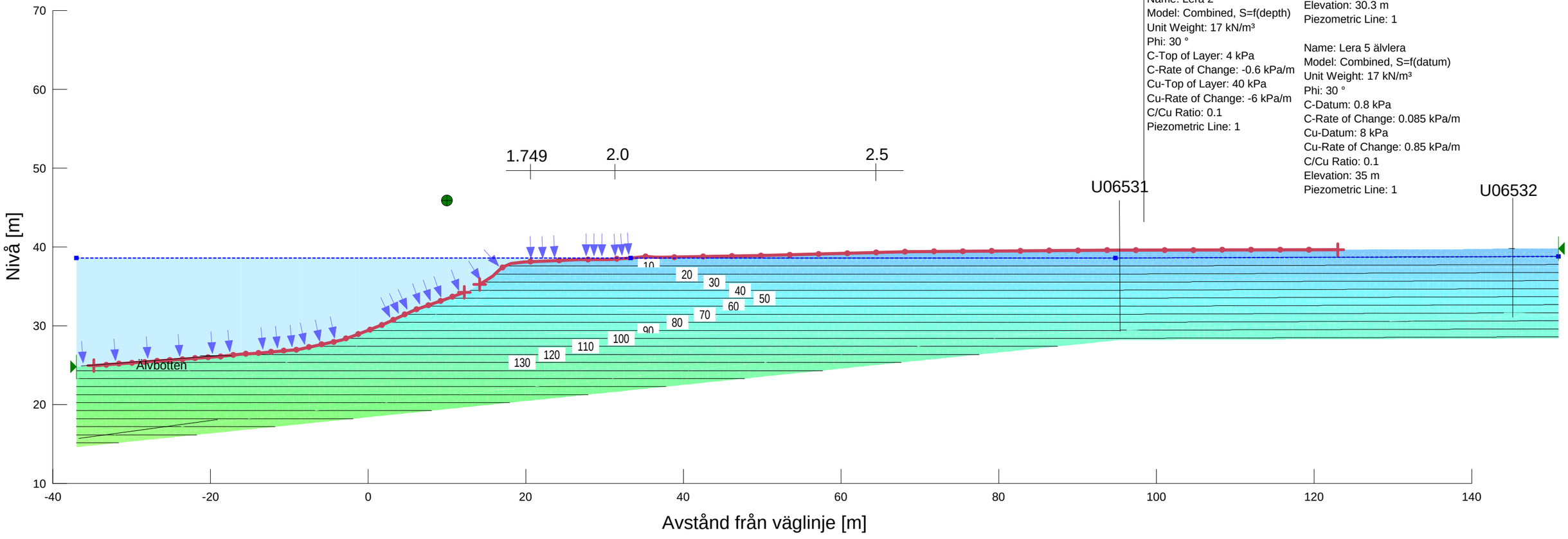
Name: Lera 2
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Top of Layer: 4 kPa
C-Rate of Change: -0.6 kPa/m
Cu-Top of Layer: 40 kPa
Cu-Rate of Change: -6 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Lera 4 älvlera
Model: Combined, S=f(datum)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Datum: 3.6 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 36 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Elevation: 24 m
Piezometric Line: 1

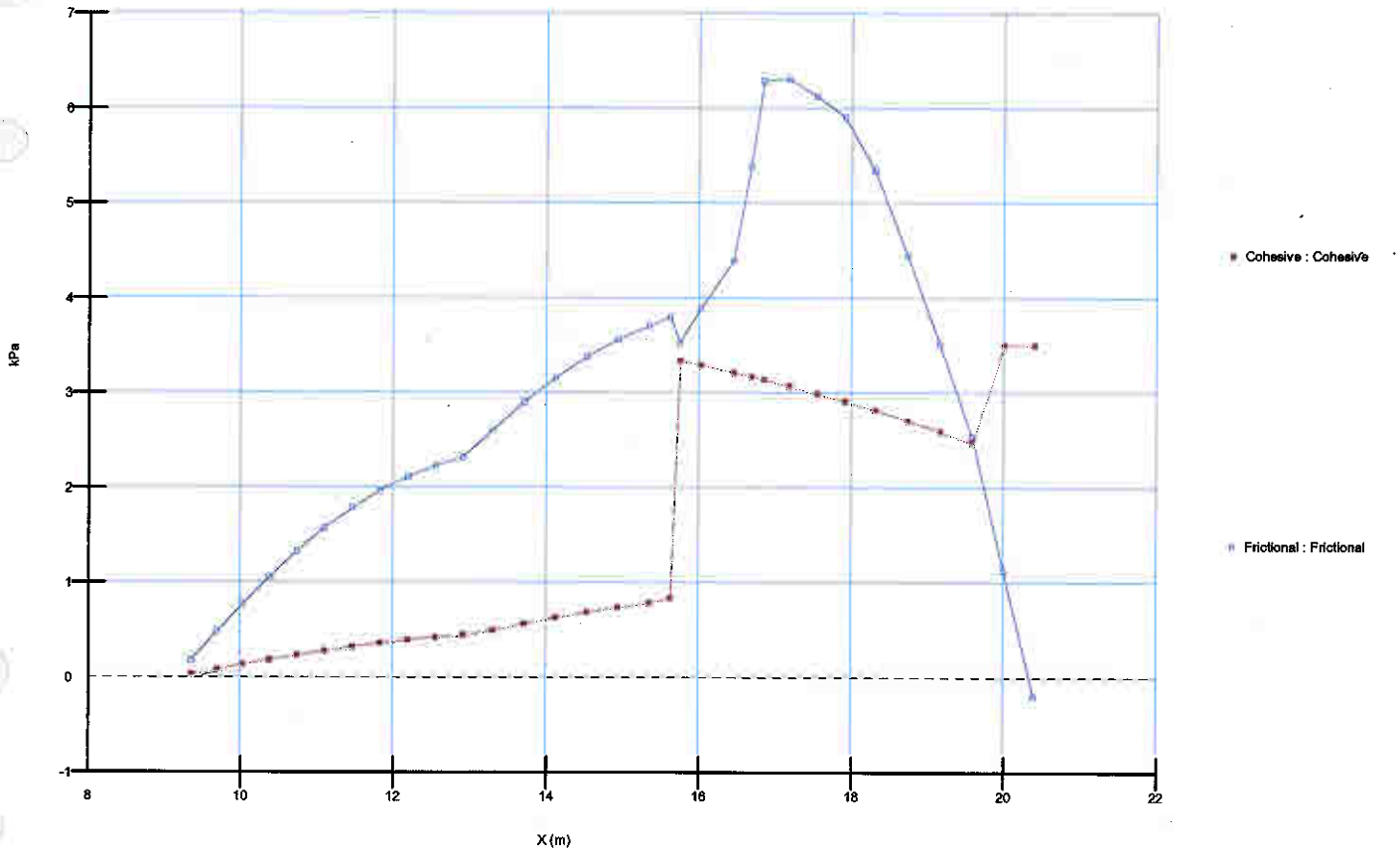
Name: Lera älvbotten
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0.53 kPa/m
Cu-Top of Layer: 0 kPa
Cu-Rate of Change: 5.33 kPa/m
C/Cu Ratio: 0.1
Piezometric Line: 1

Name: Lera 3 älvlera
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi: 30 °
C-Datum: 1.8 kPa
C-Rate of Change: 0.23 kPa/m
Cu-Datum: 18 kPa
Cu-Rate of Change: 2.3 kPa/m
C/Cu Ratio: 0.1
Elevation: 30.3 m
Piezometric Line: 1

Name: Lera 5 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: 35 m
Piezometric Line: 1



Sektion 53, kohesion och friktion (kombinerad analys)



Sektion 53, spänning (kombinerad analys)