# KLIMATANPASSNING SKREDFÖRUTSÄTTNINGAR I GÖTA ÄLVDALEN

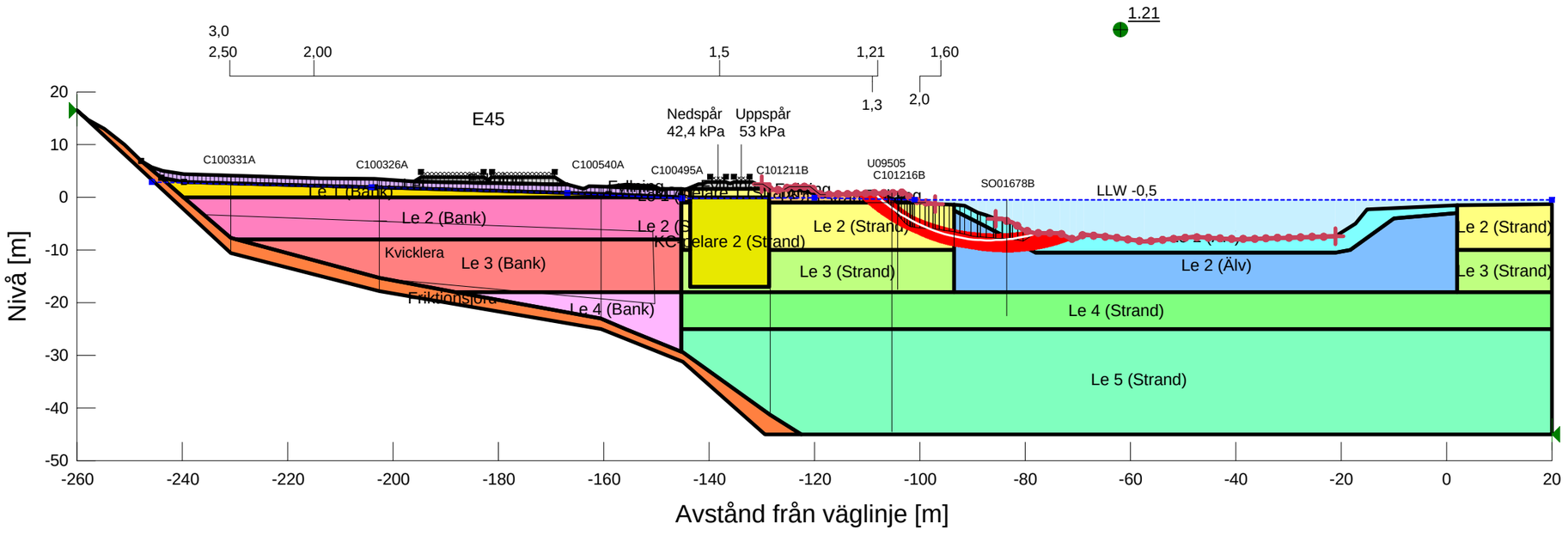
Sektion: 71475E
Delområde: 09
Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Piezometric Line
Date: 2011-11-28
Created By: Rebecca Bertilsson
Last Edited By: Rebecca Bertilsson

**BERÄKNINGAR KORRIGERADE AV SGI**

**Utförda ändringar finns dokumenterade i "korrigerade stabilitetsberäkningar SGI.docx"**

Skala 1:1000 (A3)




Name: Fyllning
Model: Mohr-Coulomb
Unit Weight: 20 kN/m³
Cohesion: 0 kPa
Phi: 37 °

Name: Let
Model: Undrained (Phi=0)
Unit Weight: 17 kN/m³
Cohesion: 25 kPa

Name: Le 1 (Bank)
Model: S=f(datum)
Unit Weight: 15.2 kN/m³
C-Datum: 12 kPa
C-Rate of Change: 0.5 kPa/m
Limiting C: 16 kPa
Elevation: 0 m

Name: Le 2 (Bank)
Model: S=f(datum)
Unit Weight: 16 kN/m³
C-Datum: 16 kPa
C-Rate of Change: 1.7 kPa/m
Limiting C: 33 kPa
Elevation: -8 m

Name: Le 3 (Bank)
Model: S=f(datum)
Unit Weight: 16 kN/m³
C-Datum: 33 kPa
C-Rate of Change: 0.4 kPa/m
Limiting C: 35.8 kPa
Elevation: -18 m

Name: Le 4 (Bank)
Model: S=f(datum)
Unit Weight: 16.6 kN/m³
C-Datum: 35.8 kPa
C-Rate of Change: 1.3 kPa/m
Limiting C: 62 kPa
Elevation: -25 m

Name: KC-pelare 1 (Strand)
Model: Bilinear
Unit Weight: 16.2 kN/m³
Cohesion: 13 kPa
Phi 1: 9.2 °
Phi 2: 0 °
Bilinear Normal: 120 kPa

Name: KC-pelare 2 (Strand)
Model: Bilinear
Unit Weight: 16.2 kN/m³
Cohesion: 30 kPa
Phi 1: 9.2 °
Phi 2: 0 °
Bilinear Normal: 120 kPa

Name: Le 1 (Strand)
Model: Undrained (Phi=0)
Unit Weight: 15.2 kN/m³
Cohesion: 7 kPa

Name: Le 2 (Strand)
Model: S=f(datum)
Unit Weight: 15.2 kN/m³
C-Datum: 7 kPa
C-Rate of Change: 1 kPa/m
Limiting C: 16 kPa
Elevation: -1 m

Name: Le 3 (Strand)
Model: S=f(datum)
Unit Weight: 15.7 kN/m³
C-Datum: 16 kPa
C-Rate of Change: 2 kPa/m
Limiting C: 32 kPa
Elevation: -10 m

Name: Le 4 (Strand)
Model: S=f(datum)
Unit Weight: 16 kN/m³
C-Datum: 32 kPa
C-Rate of Change: 0.4 kPa/m
Limiting C: 34.8 kPa
Elevation: -18 m

Name: Le 5 (Strand)
Model: S=f(datum)
Unit Weight: 16.3 kN/m³
C-Datum: 34.8 kPa
C-Rate of Change: 1.3 kPa/m
Limiting C: 61 kPa
Elevation: -25 m

Name: Le 1 (Älv)
Model: Undrained (Phi=0)
Unit Weight: 15.2 kN/m³
Cohesion: 3 kPa

Name: Le 2 (Älv)
Model: S=f(datum)
Unit Weight: 15.7 kN/m³
C-Datum: 3 kPa
C-Rate of Change: 1.73 kPa/m
Limiting C: 25.5 kPa
Elevation: -5 m

Name: Friktionsjord
Model: Mohr-Coulomb
Unit Weight: 19 kN/m³
Cohesion: 0 kPa
Phi: 34 °

Directory: P:\!Göta älv utredningen 2009-2012\Delområde 1-10\Delområde 9-14089\Geoteknik\Leveranser\IN\111026- Komplettering av digital leverans\Teknisk PM\Stabilitetsberäkningar\
File Name: 71475EUS_korrigerad SGI.gsz