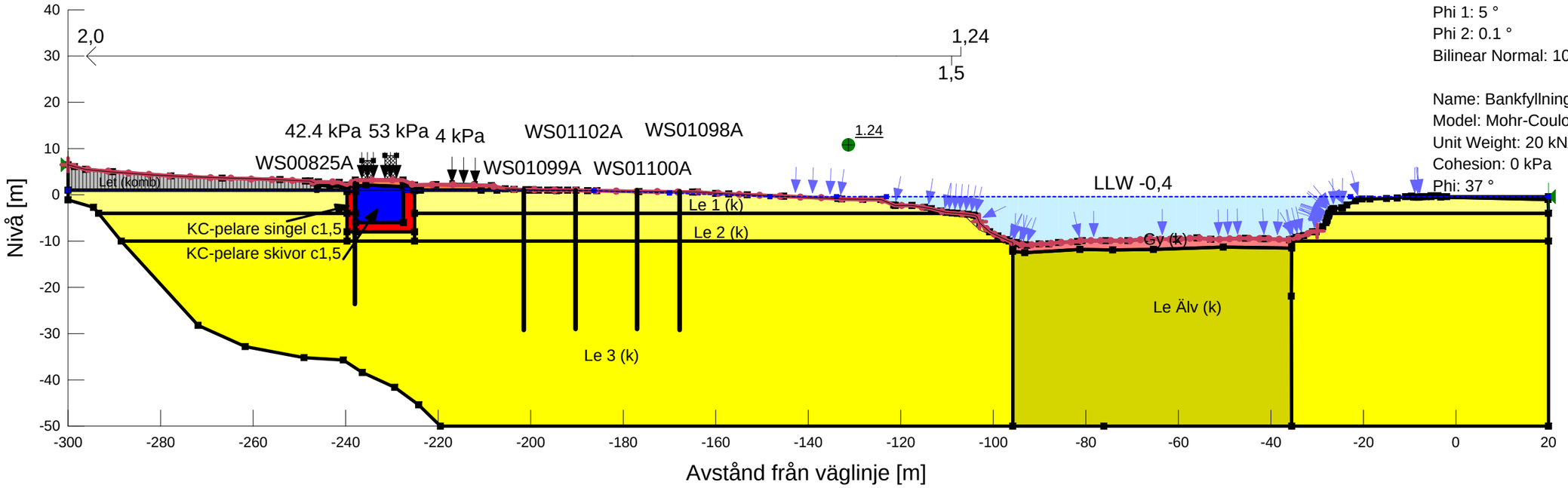
KLIMATANPASSNING SKREDFÖRUTSÄTTNINGAR I GÖTA ÄLVDALEN

BERÄKNINGAR KORRIGERADE AV SGI

Utförda ändringar finns dokumenterade i ”korrigerade stabilitetsberäkningar SGI.docx”

Sektion: 55040E
Delområde: 09
Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
Method: Morgenstern-Price
PWP Conditions Source: Piezometric Line
Date: 2011-11-24
Created By: Joakim Wallgren
Last Edited By: Rebecca Bertilsson



Name: KC-pelare skivor c1,5
Model: Bilinear
Unit Weight: 15 kN/m³
Cohesion: 17.9 kPa
Phi 1: 13.7 °
Phi 2: 0.1 °
Bilinear Normal: 100 kPa

Name: KC-pelare singel c1,5
Model: Bilinear
Unit Weight: 15 kN/m³
Cohesion: 13.8 kPa
Phi 1: 5 °
Phi 2: 0.1 °
Bilinear Normal: 100 kPa

Name: Bankfyllning (mc)
Model: Mohr-Coulomb
Unit Weight: 20 kN/m³
Cohesion: 0 kPa
Phi: 37 °

Skala 1:1000 (A3)

Name: Let (komb)
Model: Combined, S=f(datum)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Rate of Change: 0 kPa/m
Cu-Datum: 30 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Elevation: 0 m

Name: Le Älv (k)
Model: Combined, S=f(datum)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Rate of Change: 0 kPa/m
Cu-Datum: 9.5 kPa
Cu-Rate of Change: 1.46 kPa/m
C/Cu Ratio: 0.1
Elevation: -8 m

Name: Gy (k)
Model: Combined, S=f(depth)
Unit Weight: 14 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 5 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1

Name: Le 3 (k)
Model: Combined, S=f(datum)
Unit Weight: 15.8 kN/m³
Phi: 30 °
C-Rate of Change: 0 kPa/m
Cu-Datum: 15.6 kPa
Cu-Rate of Change: 0.65 kPa/m
C/Cu Ratio: 0.1
Elevation: -10 m

Name: Le 2 (k)
Model: Combined, S=f(datum)
Unit Weight: 15.5 kN/m³
Phi: 30 °
C-Rate of Change: 0 kPa/m
Cu-Datum: 9 kPa
Cu-Rate of Change: 1.1 kPa/m
C/Cu Ratio: 0.1
Elevation: -4 m

Name: Le 1 (k)
Model: Combined, S=f(datum)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Rate of Change: 0 kPa/m
Cu-Datum: 9 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0.1
Elevation: 1 m

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: 55040EKS_korrigerad SGI.gsz