



# KLIMATANPASSNING SKREDFÖRUTSÄTTNINGAR I GÖTA ÄLVDALEN

Sektion: 49740E  
Delområde: 09  
Analysmetod: Odränerad

Slip Surface Option: Entry and Exit  
Method: Morgenstern-Price  
PWP Conditions Source: Piezometric Line  
Date: 2011-11-25  
Created By: Johan Bengtsson  
Last Edited By: Rebecca Bertilsson

**BERÄKNINGAR KORRIGERADE AV SGI**

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

Skala 1:1000 (A3)

Name: Le 1 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 10 kPa  
Cu-Rate of Change: 0.3 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 1 m

Name: Le 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 13 kPa  
Cu-Rate of Change: 2 kPa/m  
C/Cu Ratio: 0.1  
Elevation: -9 m

Name: Gyttja (k)  
Model: Combined, S=f(depth)  
Unit Weight: 14 kN/m<sup>3</sup>

Name: le Si / si Le (k)  
Model: Combined, S=f(depth)  
Unit Weight: 17 kN/m<sup>3</sup>  
Phi: 30 °  
Cu-Top of Layer: 10 kPa  
C/Cu Ratio: 0.1

Name: Älmlera (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Elevation: -8 m

Name: Erosionsskydd (mc)  
Model: Mohr-Coulomb  
Unit Weight: 20 kN/m<sup>3</sup>  
Unit Wt. Above Water Table: 17 kN/m<sup>3</sup>  
Phi: 40 °

Name: Bankfyllning (mc)  
Model: Mohr-Coulomb  
Unit Weight: 20 kN/m<sup>3</sup>  
Unit Wt. Above Water Table: 18 kN/m<sup>3</sup>  
Phi: 37 °



