

NORGE / VANERBANAN

Agnesberg - Mariefholm

Sektion 467+400

SGI Entry&Exit (2)

Dubbelspår

KC-pelare

Uppdrag: 2300705

Beställare: Banverket

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price

Glydytor: Entry and Exit (optimization: Yes)

GW & portryck: Pressure Head Spatial Function

Filnamn: 467+400_KC-först dubbelspår_k korr SGI.gsz

Senast sparad: 2012-02-20; 10:32:40

P:\Göta älv utredningen 2009-2012\Delområde 1-10\Delområde 10-14090\Geoteknik\Levanser\N\111212 - Ingeredsbom-Lärjåän, Beräkningar norra do10\10-14090 - Kommungräns-Lärjåän_BVIV_111209\467+400_KC-först dubbelspår_k korr SGI.gsz

Name: Bankmaterial
Model: Mohr-Coulomb
Unit Weight: 20 kN/m³
Cohesion: 0 kPa
Phi: 38 °
Name: Sprängsten (under gvy)
Model: Mohr-Coulomb
Unit Weight: 22 kN/m³
Cohesion: 0 kPa
Phi: 40 °
Name: Lera 1-Göta älv
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 7 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0,1
Name: Lera 2-Göta älv
Model: Combined, S=f(datum)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Datum: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 7 kPa
Cu-Rate of Change: 0,6 kPa/m
C/Cu Ratio: 0,1
Datum (Elevation): -7 m

Name: Berg
Model: Bedrock (Impenetrable)
Name: Lera 1-Strand
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 10 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0,1
Name: Lera 2-Strand
Model: Combined, S=f(datum)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Datum: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 10 kPa
Cu-Rate of Change: 0,6 kPa/m
C/Cu Ratio: 0,1
Datum (Elevation): -6 m
Name: Friktionsjord 1
Model: Mohr-Coulomb
Unit Weight: 21 kN/m³
Cohesion: 0 kPa
Phi: 32 °

Name: Friktionsjord 2
Model: Mohr-Coulomb
Unit Weight: 22 kN/m³
Cohesion: 0 kPa
Phi: 35 °
Name: Fyllning/siSa (över gvy)
Model: Mohr-Coulomb
Unit Weight: 18 kN/m³
Cohesion: 0 kPa
Phi: 32 °
Name: Torrskorpelera-strand
Model: Combined, S=f(depth)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 10 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0,1
Name: Bankmaterial
Model: Mohr-Coulomb
Unit Weight: 20 kN/m³
Cohesion: 0 kPa
Phi: 38 °
Name: Bankmaterial
Model: Mohr-Coulomb
Unit Weight: 20 kN/m³
Cohesion: 0 kPa
Phi: 38 °

Name: Torrskorpelera-strand
Model: Combined, S=f(depth)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 10 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0,1
Name: sing. KC-pelare
Model: Undrained (Phi=0)
Unit Weight: 16 kN/m³
Cohesion: 22 kPa
Name: Lera 1-Strand
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 10 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0,1
Name: Bankmaterial
Model: Mohr-Coulomb
Unit Weight: 20 kN/m³
Cohesion: 0 kPa
Phi: 38 °
Name: Bankmaterial
Model: Mohr-Coulomb
Unit Weight: 20 kN/m³
Cohesion: 0 kPa
Phi: 38 °

Name: Lera 1-Spår
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 12 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0,1
Name: Lera 1-Spår
Model: Combined, S=f(depth)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 12 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0,1
Name: Lera 2-Spår
Model: Combined, S=f(datum)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Datum: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 12 kPa
Cu-Rate of Change: 0,7 kPa/m
C/Cu Ratio: 0,1
Datum (Elevation): -6 m

Name: Lera 2-Spår
Model: Combined, S=f(datum)
Unit Weight: 15 kN/m³
Phi: 30 °
C-Datum: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Datum: 12 kPa
Cu-Rate of Change: 0,7 kPa/m
C/Cu Ratio: 0,1
Datum (Elevation): -6 m
Name: Torrskorpelera-spår
Model: Combined, S=f(depth)
Unit Weight: 16 kN/m³
Phi: 30 °
C-Top of Layer: 0 kPa
C-Rate of Change: 0 kPa/m
Cu-Top of Layer: 12 kPa
Cu-Rate of Change: 0 kPa/m
C/Cu Ratio: 0,1
Name: KC-pelare1-spår
Model: Undrained (Phi=0)
Unit Weight: 16 kN/m³
Cohesion: 37 kPa
Name: KC-pelare2-spår
Model: S=f(datum)
Unit Weight: 16 kN/m³
C-Datum: 37 kPa
C-Rate of Change: 0,6 kPa/m
C-Maximum: 0 kPa
Datum (Elevation): -6 m

Portryck från km 467+260-467+484

valt maxvärde = 12,5 kPa/m från nivå +1,3

