

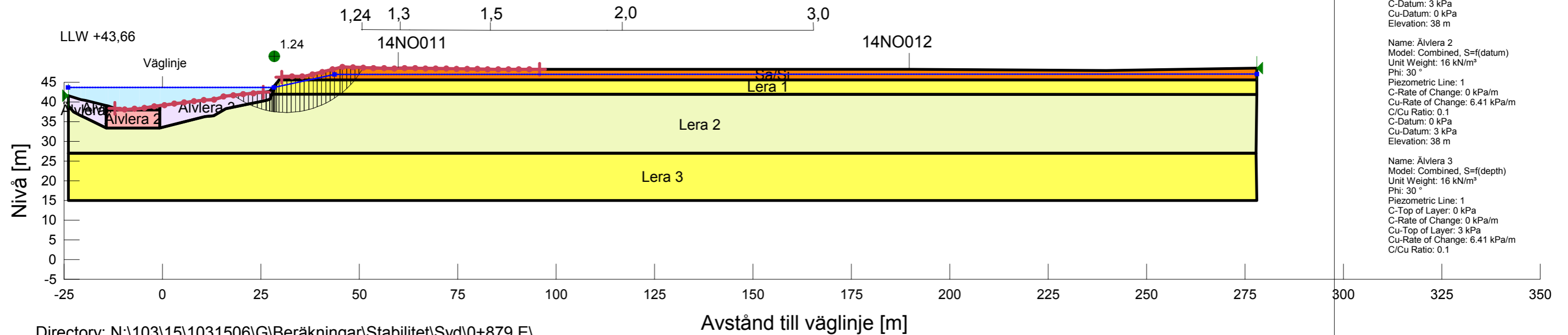


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 0/879 E
 Delområde: Syd
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-26
 Created By: Svärd Daniel
 Last Edited By: Svärd Daniel

Skala 1:1000 (A3)



Name: Lera 1
 Model: Combined, S=f(depth)
 Unit Weight: 18.5 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 45 kPa
 Cu-Rate of Change: -7.5 kPa/m
 C/Cu Ratio: 0.1

Name: Lera 2
 Model: Combined, S=f(depth)
 Unit Weight: 17.5 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 22.5 kPa
 Cu-Rate of Change: 1.1 kPa/m
 C/Cu Ratio: 0.1

Name: Lera 3
 Model: Combined, S=f(depth)
 Unit Weight: 18.9 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 39 kPa
 Cu-Rate of Change: 2.4 kPa/m
 C/Cu Ratio: 0.1

Name: Sa/Si
 Model: Mohr-Coulomb
 Unit Weight: 19 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °
 Piezometric Line: 1

Name: Älvlera 1
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 3 kPa
 Cu-Datum: 0 kPa
 Elevation: 38 m

Name: Älvlera 2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 6.41 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 3 kPa
 Elevation: 38 m

Name: Älvlera 3
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 6.41 kPa/m
 C/Cu Ratio: 0.1

BILAGA A:2, TILLHÖRANDE PM

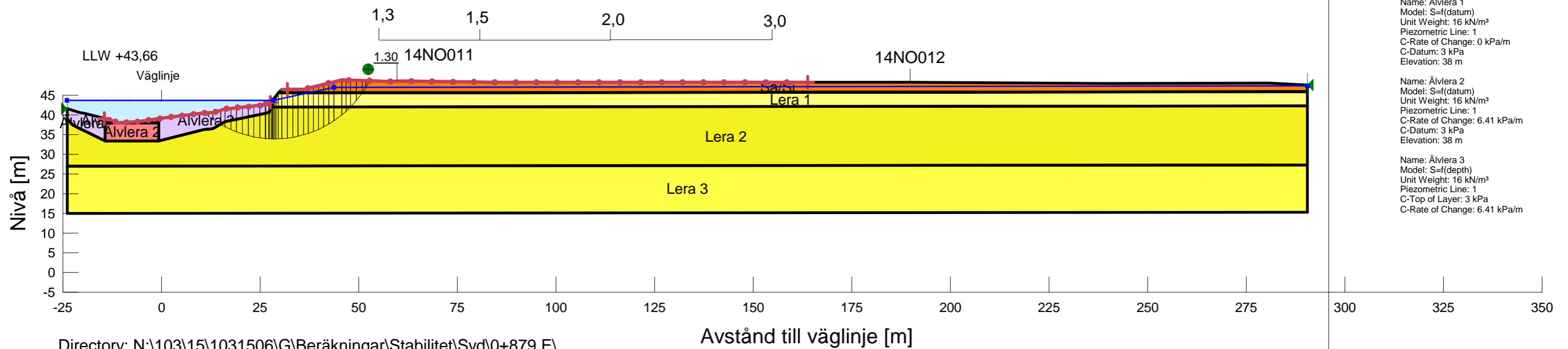


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 0/879 E
 Delområde: Syd
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-25
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



- Name: Lera 1
 Model: S=f(depth)
 Unit Weight: 18.5 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 45 kPa
 C-Rate of Change: -7.5 kPa/m
- Name: Lera 2
 Model: S=f(depth)
 Unit Weight: 17.5 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 22.5 kPa
 C-Rate of Change: 1.1 kPa/m
- Name: Lera 3
 Model: S=f(depth)
 Unit Weight: 18.9 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 39 kPa
 C-Rate of Change: 2.4 kPa/m
- Name: Sa/Si
 Model: Mohr-Coulomb
 Unit Weight: 19 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °
 Piezometric Line: 1
- Name: Älvlera 1
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 C-Datum: 3 kPa
 Elevation: 38 m
- Name: Älvlera 2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 6.41 kPa/m
 C-Datum: 3 kPa
 Elevation: 38 m
- Name: Älvlera 3
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 3 kPa
 C-Rate of Change: 6.41 kPa/m

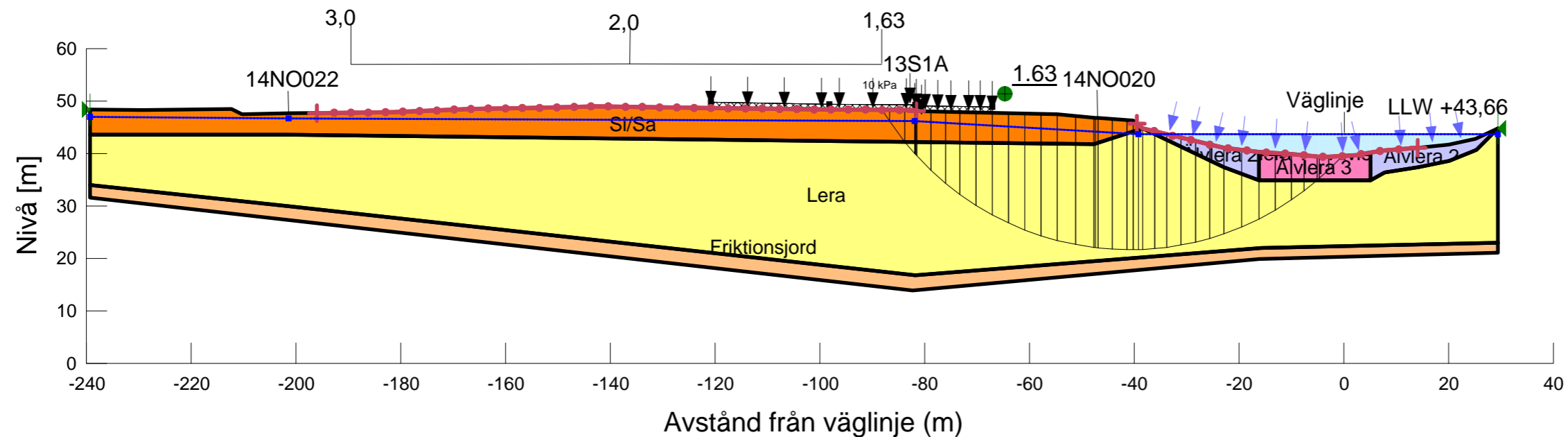


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 1/083 W
 Delområde: Syd
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-25
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



Directory: N:\103\15\1031506\G\Beräkningar\Stabilitet\Syd\1+083 W\
 File Name: Sekt 1+083 W_Komb.gsz

Name: Älvlera 1
 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: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Lera
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 0.65 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
 C-Datum: 0 kPa
 Cu-Datum: 25 kPa
 Elevation: 45 m

Name: Älvlera 3
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 5.6 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
 C-Datum: 0 kPa
 Cu-Datum: 3 kPa
 Elevation: 39.9 m

Name: Älvlera 2
 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: 3 kPa
 Cu-Rate of Change: 5.6 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Phi: 35 °
 Piezometric Line: 1
 Cohesion: 0 kPa
 Phi-B: 0 °

Name: Si/Sa
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Phi: 31 °
 Piezometric Line: 1
 Cohesion: 0 kPa
 Phi-B: 0 °

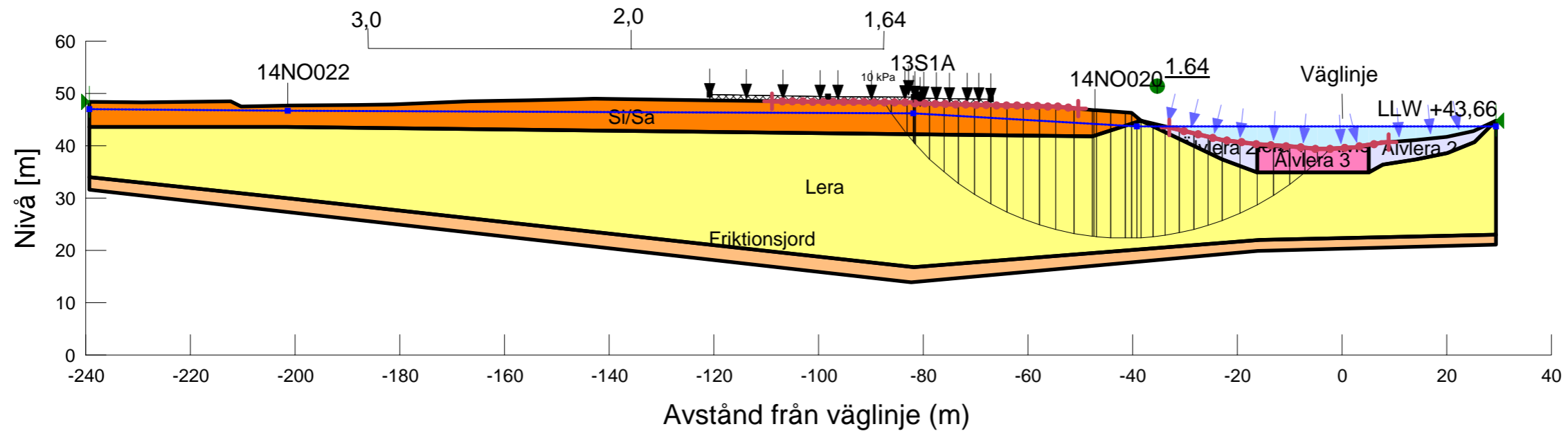


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 1/083 W
 Delområde: Syd
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-25
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



Name: Älvlera 1
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa
 Piezometric Line: 1

Name: Lera
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Datum: 25 kPa
 C-Rate of Change: 0.65 kPa/m
 Limiting C: 0 kPa
 Elevation: 45 m

Name: Älvlera 3
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Datum: 3 kPa
 C-Rate of Change: 5.6 kPa/m
 Limiting C: 31 kPa
 Elevation: 39.9 m

Name: Älvlera 2
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 5.6 kPa/m
 Limiting C: 31 kPa
 C-Top of Layer: 3 kPa

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 35 °
 Phi-B: 0 °

Name: Si/Sa
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 31 °
 Phi-B: 0 °

BILAGA A:5, TILLHÖRANDE PM

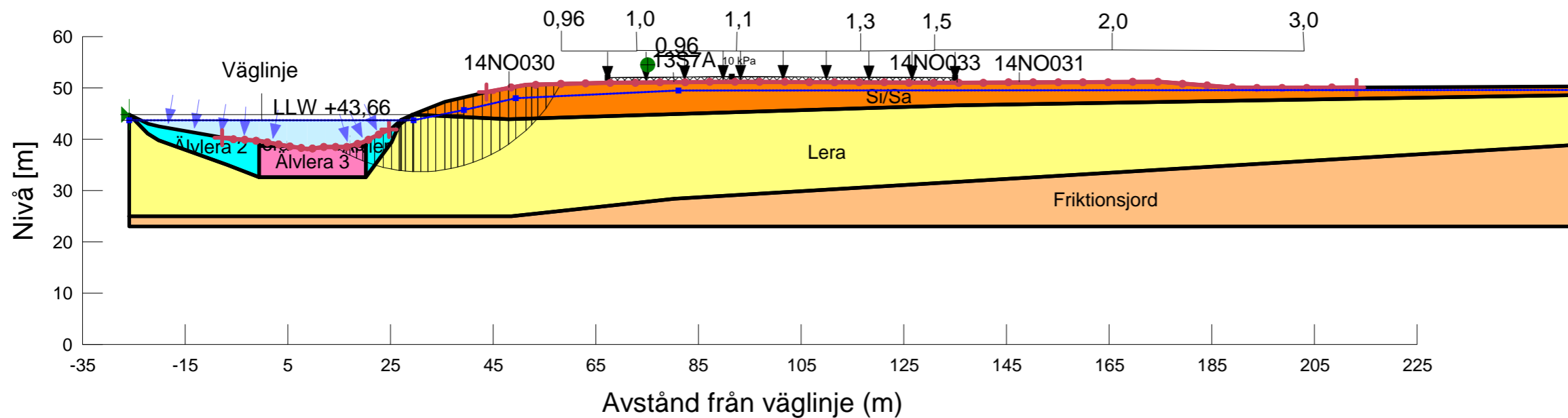


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 3/355 E
 Delområde: Syd
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-25
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



Name: Älvlera 1
 Model: Combined, $S=f(\text{depth})$
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Lera
 Model: Combined, $S=f(\text{datum})$
 Unit Weight: 18.5 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 24 kPa
 Cu-Rate of Change: 0.95 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 44 m

Name: Älvlera 3
 Model: Combined, $S=f(\text{datum})$
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 3 kPa
 Cu-Rate of Change: 5.4 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 38.7 m

Name: Älvlera 2
 Model: Combined, $S=f(\text{depth})$
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 5.4 kPa/m
 C/Cu Ratio: 0.1

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °

Name: Si/Sa
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °

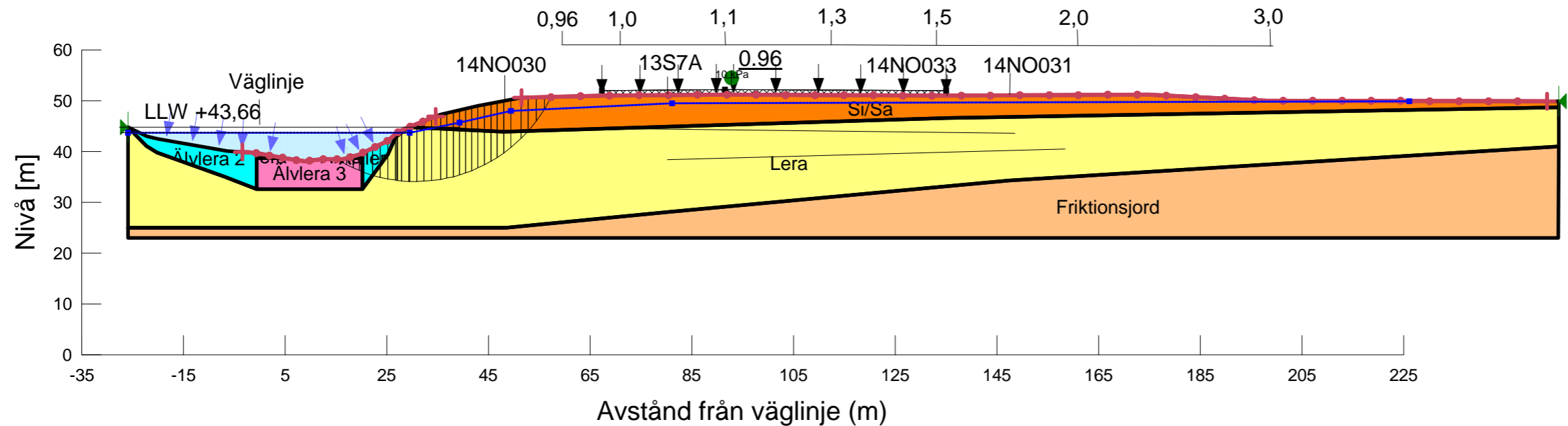


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 3/355 E
 Delområde: Syd
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-25
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



Name: Älvlera 1
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa

Name: Lera
 Model: S=f(datum)
 Unit Weight: 18.5 kN/m³
 C-Datum: 24 kPa
 C-Rate of Change: 0.95 kPa/m
 Elevation: 44 m

Name: Älvlera 3
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 C-Datum: 3 kPa
 C-Rate of Change: 5.4 kPa/m
 Elevation: 38.7 m

Name: Älvlera 2
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 C-Top of Layer: 3 kPa
 C-Rate of Change: 5.4 kPa/m

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °

Name: Si/Sa
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °

BILAGA A:7, TILLHÖRANDE PM

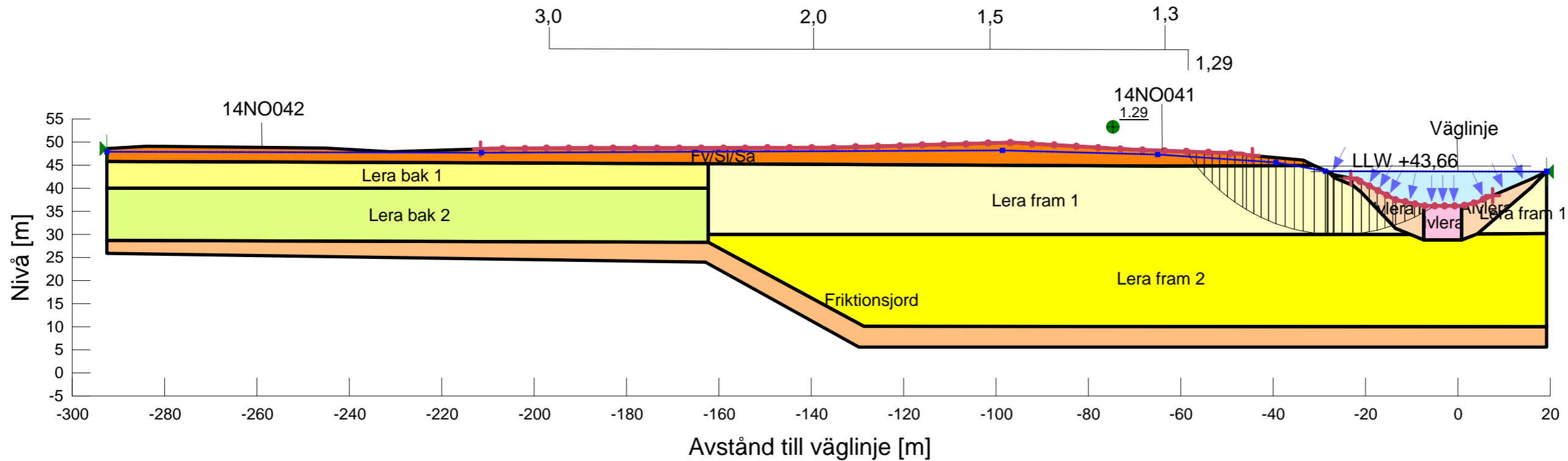


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 3/960 N
 Delområde: Syd
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-25
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



Name: Lera bak 1
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Phi: 30 °

Name: Lera fram 1
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Phi: 30 °

Name: Lera fram 2
 Model: Combined, S=f(datum)
 Unit Weight: 19.5 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Phi: 30 °

Name: Älvlera1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Phi: 30 °

Name: Älvlera2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Phi: 30 °

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 35 °

Name: Fv/Si/Sa
 Model: Mohr-Coulomb
 Unit Weight: 19 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 31 °

Name: Lera bak 2
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Phi: 30 °

BILAGA A:8, TILLHÖRANDE PM

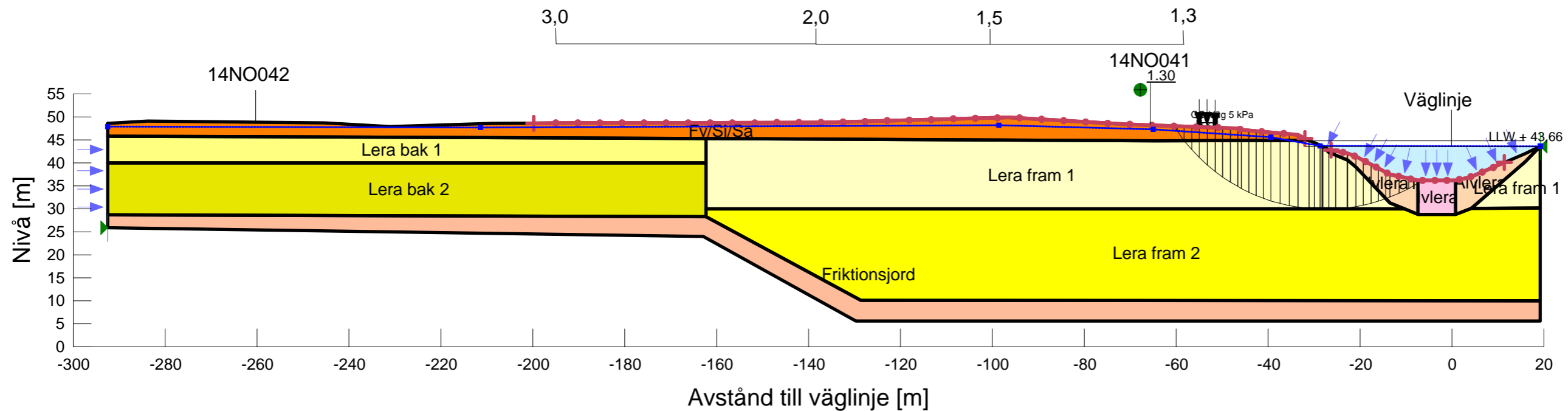
KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN



Sektion: 3/960 N
 Delområde: Syd
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-25
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



Name: Lera bak 1
 Model: S=f(depth)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 15 kPa
 C-Rate of Change: 0 kPa/m
 Limiting C: 0 kPa

Name: Lera fram 1
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 0.67 kPa/m
 Limiting C: 35 kPa

Name: Lera fram 2
 Model: S=f(datum)
 Unit Weight: 19.5 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 2.5 kPa/m
 Limiting C: 80 kPa

Name: Älmlera1
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 3 kPa
 C-Rate of Change: 4.73 kPa/m
 Limiting C: 38 kPa

Name: Älmlera2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 4.73 kPa/m
 Limiting C: 38 kPa

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 35 °

Name: Fy/Si/Sa
 Model: Mohr-Coulomb
 Unit Weight: 19 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 31 °

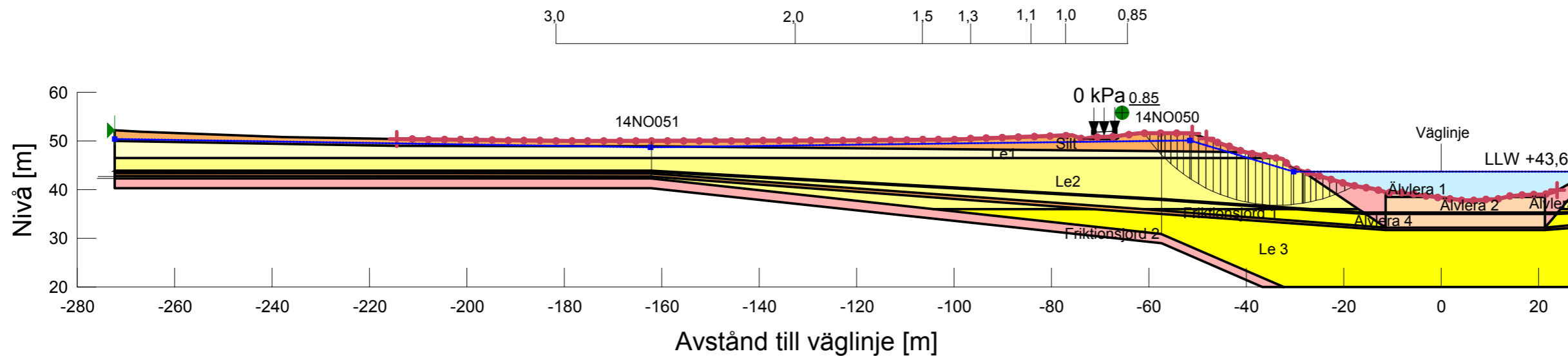
Name: Lera bak 2
 Model: S=f(depth)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 15 kPa
 C-Rate of Change: 2 kPa/m
 Limiting C: 35 kPa



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 4/545 N
 Delområde: Syd
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-22
 Created By: Rudebeck David
 Last Edited By: Rudebeck David



Name: Friktionsjord 1
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °
 Piezometric Line: 1

Name: Silt
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °
 Piezometric Line: 1

Name: Vägbank
 Model: Mohr-Coulomb
 Unit Weight: 22 kN/m³
 Cohesion: 0 kPa
 Phi: 40 °
 Piezometric Line: 1

Name: Friktionsjord 2
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °
 Piezometric Line: 1

Name: Älvlera 1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Älvlera 2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 5.6 kPa/m
 Cu-Rate of Change: 5.6 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 3 kPa
 Cu-Datum: 3 kPa
 Elevation: 38.5 m

Name: Le1
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: -2 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 24 kPa
 Elevation: 50 m

Name: Le2
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 1 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 17 kPa
 Elevation: 46.5 m

Name: Älvlera 3
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 5.6 kPa/m
 C/Cu Ratio: 0.1

Name: Älvlera 4
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 26.5 kPa
 Cu-Rate of Change: 5.6 kPa/m
 C/Cu Ratio: 0.1

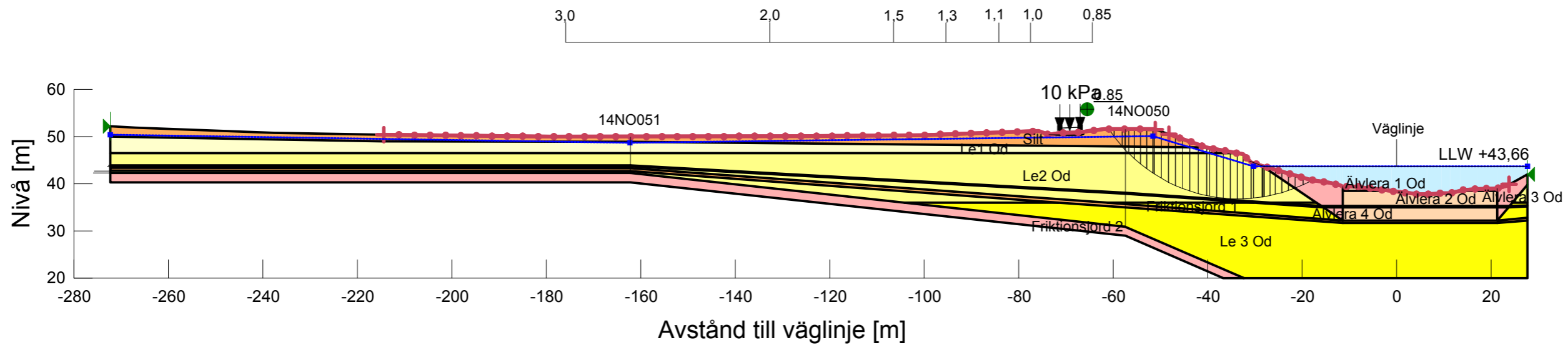
Name: Le 3
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 2.5 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 27.5 kPa
 Elevation: 41.5 m



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 4/545 N
 Delområde: Syd
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-22
 Created By: Rudebeck David
 Last Edited By: Rudebeck David



- Name: Friktionsjord 1
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °
 Piezometric Line: 1
- Name: Älvlera 1 Od
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa
 Piezometric Line: 1
- Name: Älvlera 2 Od
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Datum: 3 kPa
 C-Rate of Change: 5.6 kPa/m
 Limiting C: 38 kPa
 Elevation: 38.5 m
- Name: Le2 Od
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Datum: 17 kPa
 C-Rate of Change: 1 kPa/m
 Limiting C: 27.5 kPa
 Elevation: 46.5 m
- Name: Le1 Od
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Datum: 24 kPa
 C-Rate of Change: -2 kPa/m
 Limiting C: 17 kPa
 Elevation: 50 m
- Name: Älvlera 3 Od
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 5.6 kPa/m
 Limiting C: 38 kPa
 C-Top of Layer: 3 kPa
- Name: Silt
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °
 Piezometric Line: 1
- Name: Le 3 Od
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Datum: 27.5 kPa
 C-Rate of Change: 2.5 kPa/m
 Limiting C: 80 kPa
 Elevation: 41.5 m
- Name: Vägbank
 Model: Mohr-Coulomb
 Unit Weight: 22 kN/m³
 Cohesion: 0 kPa
 Phi: 40 °
 Piezometric Line: 1
- Name: Älvlera 4 Od
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 5.6 kPa/m
 Limiting C: 38 kPa
 C-Top of Layer: 26.5 kPa
- Name: Friktionsjord 2
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °
 Piezometric Line: 1

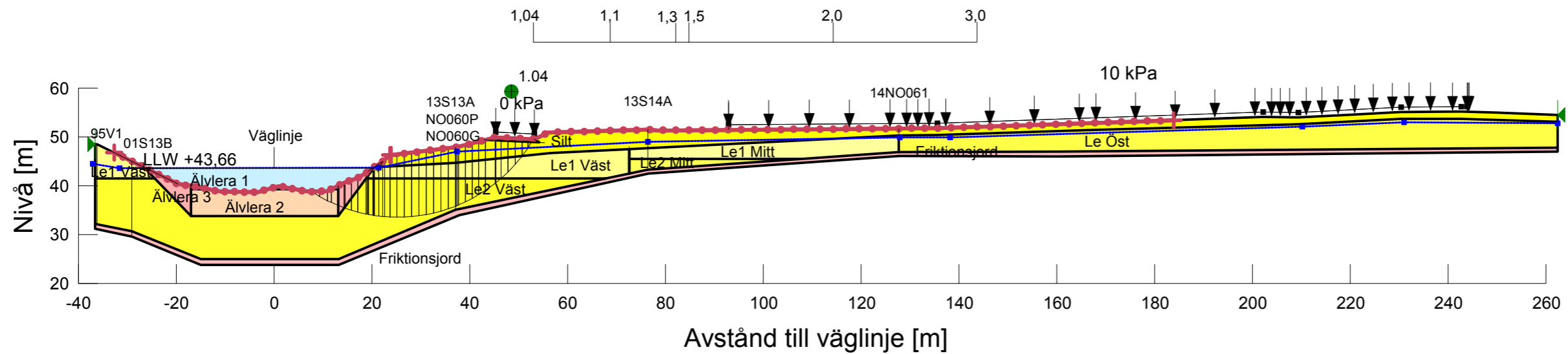


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 5/165 E
 Delområde: Syd
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-21
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

- Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °
 Piezometric Line: 1
- Name: Silt
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °
 Piezometric Line: 1
- Name: Vägbank
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °
 Piezometric Line: 1
- Name: Älvlera 1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
- Name: Älvlera 2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 5.2 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 3 kPa
 Elevation: 39.3 m
- Name: Älvlera 3
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 5.2 kPa/m
 C/Cu Ratio: 0.1
- Name: Le1 Väst
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: -1.6 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 33.6 kPa
 Elevation: 47.5 m
- Name: Le2 Väst
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 1 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 24 kPa
 Elevation: 41.5 m
- Name: Le1 Mitt
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: -2 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 31 kPa
 Elevation: 50 m
- Name: Le2 Mitt
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: -0.5 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 24 kPa
 Elevation: 46.5 m
- Name: Le Öst
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 17 kPa
 Cu-Rate of Change: -2 kPa/m
 C/Cu Ratio: 0.1

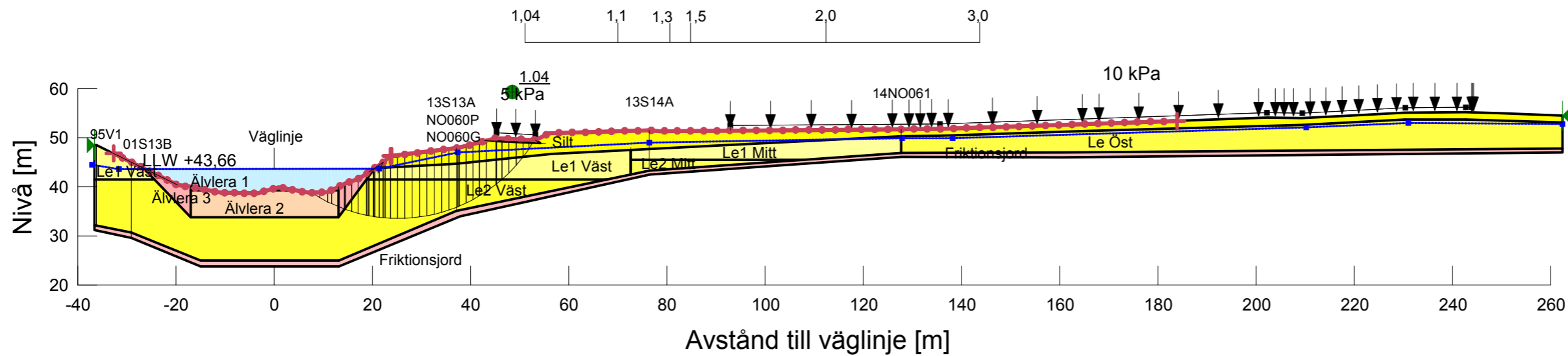




KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 5/165 E
 Delområde: Syd
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-21
 Created By: Rudebeck David
 Last Edited By: Rudebeck David



- Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °
 Piezometric Line: 1
- Name: Älvlera 1
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa
 Piezometric Line: 1
- Name: Älvlera 2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Datum: 3 kPa
 C-Rate of Change: 5.2 kPa/m
 Limiting C: 31.7 kPa
 Elevation: 39.3 m
- Name: Le2 Väst
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Datum: 24 kPa
 C-Rate of Change: 1 kPa/m
 Limiting C: 45.5 kPa
 Elevation: 41.5 m
- Name: Le1 Väst
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Datum: 33.6 kPa
 C-Rate of Change: -1.6 kPa/m
 Limiting C: 24 kPa
 Elevation: 47.5 m
- Name: Älvlera 3
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 5.2 kPa/m
 Limiting C: 31.7 kPa
 C-Top of Layer: 3 kPa
- Name: Silt
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °
 Piezometric Line: 1
- Name: Le Öst
 Model: S=f(depth)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Rate of Change: -2 kPa/m
 Limiting C: 14 kPa
 C-Top of Layer: 17 kPa
- Name: Le1 Mitt
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Datum: 31 kPa
 C-Rate of Change: -2 kPa/m
 Limiting C: 24 kPa
 Elevation: 50 m
- Name: Le2 Mitt
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Datum: 24 kPa
 C-Rate of Change: -0.5 kPa/m
 Limiting C: 22.25 kPa
 Elevation: 46.5 m
- Name: Vägbank
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °
 Piezometric Line: 1

Directory: N:\103\15\1031506\G\Beräkningar\Stabilitet\Syd\5+165 E\
 File Name: Sekt5+165E_Odrän.gsz

BILAGA A:13, TILLHÖRANDE PM



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 6/203 W
 Delområde: Syd
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-26
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Name: F/Sa/Si
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Unit Wt. Above Water Table: 19 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °
 Phi-B: 0 °
 Piezometric Line: 1
 Scale: 1:1000 (A3)

Name: Lera 1
 Model: Combined, S=f(datum)
 Unit Weight: 17.5 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 30 kPa
 Cu-Rate of Change: 0.48 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 45 m

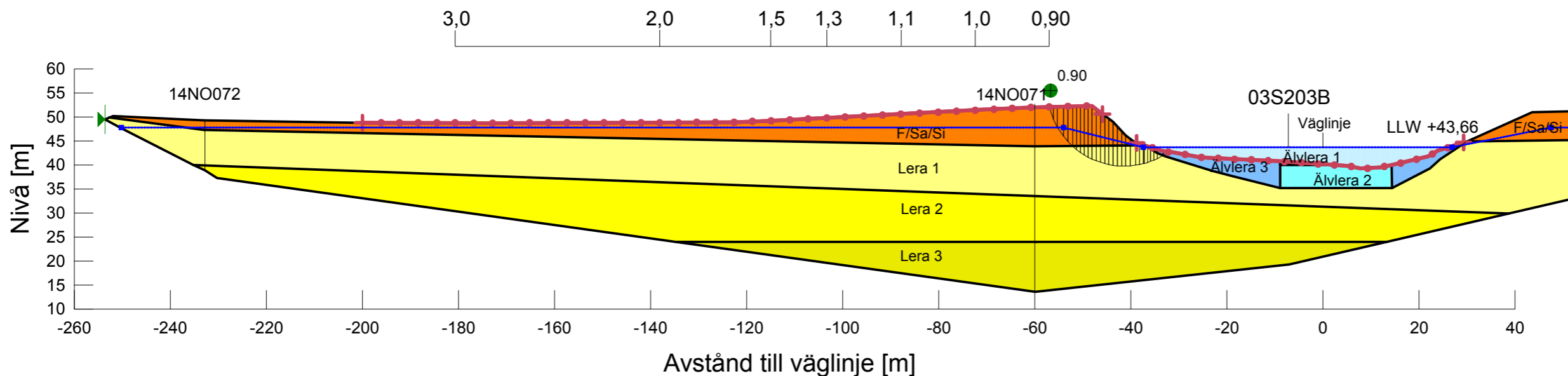
Name: Lera 3
 Model: Combined, S=f(datum)
 Unit Weight: 18.6 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 40 kPa
 Cu-Rate of Change: 5 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 24 m

Name: Älvlera 1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa
 Cu-Top of Layer: 3 kPa

Name: Älvlera 2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 3 kPa
 Cu-Rate of Change: 5.8 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 40 m

Name: Älvlera 3
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 5.8 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa
 Cu-Top of Layer: 3 kPa

Name: Lera 2
 Model: Combined, S=f(datum)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 34.8 kPa
 Cu-Rate of Change: 0.48 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 35 m



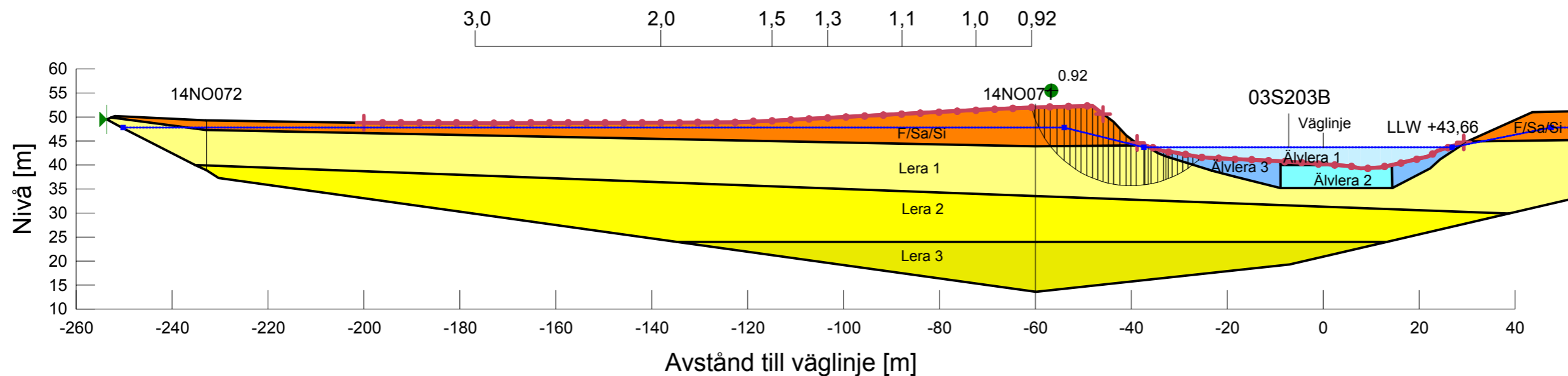


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 6/203 W
 Delområde: Syd
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-26
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



Name: F/Sa/Si
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Unit Wt. Above Water Table: 19 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °
 Phi-B: 0 °
 Piezometric Line: 1

Name: Lera 1
 Model: S=f(datum)
 Unit Weight: 17.5 kN/m³
 Piezometric Line: 1
 C-Datum: 30 kPa
 C-Rate of Change: 0.48 kPa/m
 Limiting C: 0 kPa
 Elevation: 45 m

Name: Lera 2
 Model: S=f(datum)
 Unit Weight: 19 kN/m³
 Piezometric Line: 1
 C-Datum: 34.8 kPa
 C-Rate of Change: 0.48 kPa/m
 Limiting C: 0 kPa
 Elevation: 35 m

Name: Lera 3
 Model: S=f(datum)
 Unit Weight: 18.6 kN/m³
 Piezometric Line: 1
 C-Datum: 40 kPa
 C-Rate of Change: 5 kPa/m
 Limiting C: 0 kPa
 Elevation: 24 m

Name: Älvlera 1
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Datum: 3 kPa
 C-Rate of Change: 0 kPa/m
 Limiting C: 3 kPa
 Elevation: 40 m

Name: Älvlera 2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Datum: 3 kPa
 C-Rate of Change: 5.8 kPa/m
 Limiting C: 0 kPa
 Elevation: 40 m

Name: Älvlera 3
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 5.8 kPa/m
 Limiting C: 0 kPa
 C-Top of Layer: 3 kPa

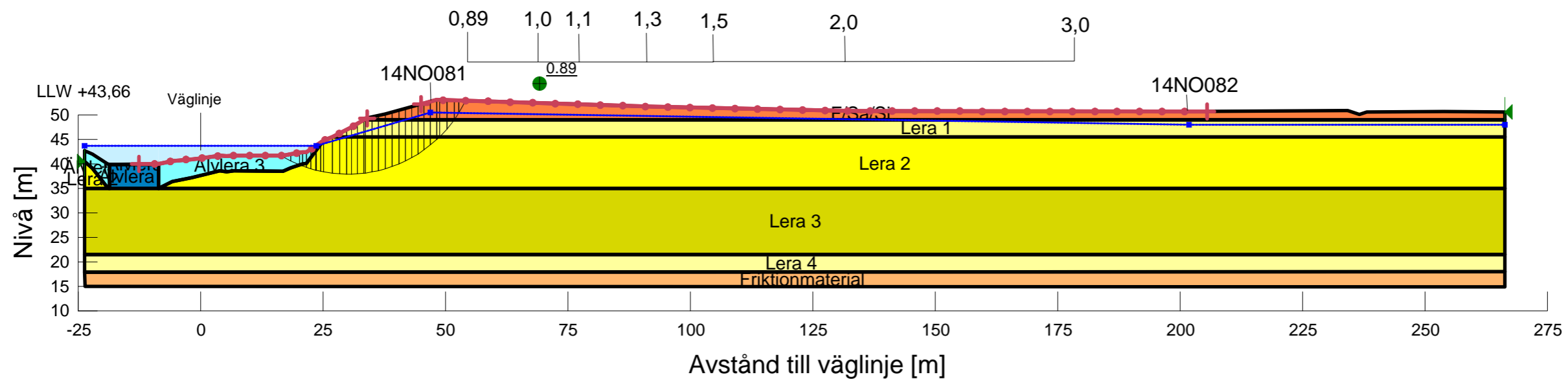


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 7/101 E
 Delområde: Syd
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-25
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



Name: F/Sa/Si
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Unit Wt. Above Water Table: 19 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °

Name: Friktionmaterial
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Unit Wt. Above Water Table: 19 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °

Name: Lera 1
 Model: Combined, S=f(depth)
 Unit Weight: 18.5 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 36 kPa
 Cu-Rate of Change: -3.43 kPa/m
 C/Cu Ratio: 0.1

Name: Lera 2
 Model: Combined, S=f(depth)
 Unit Weight: 17.5 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 24 kPa
 Cu-Rate of Change: 1.29 kPa/m
 C/Cu Ratio: 0.1

Name: Lera 4
 Model: Combined, S=f(depth)
 Unit Weight: 18.5 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 55 kPa
 Cu-Rate of Change: 2.86 kPa/m
 C/Cu Ratio: 0.1

Name: Älvlera 1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Unit Wt. Above Water Table: 16 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 0 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Älvlera 2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 3 kPa
 Cu-Rate of Change: 6.1 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 40 m

Name: Älvlera 3
 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: 3 kPa
 Cu-Rate of Change: 6.1 kPa/m
 C/Cu Ratio: 0.1

Name: Lera 3
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 36.9 kPa
 Cu-Rate of Change: 1.29 kPa/m
 C/Cu Ratio: 0.1

BILAGA A:16, TILLHÖRANDE PM

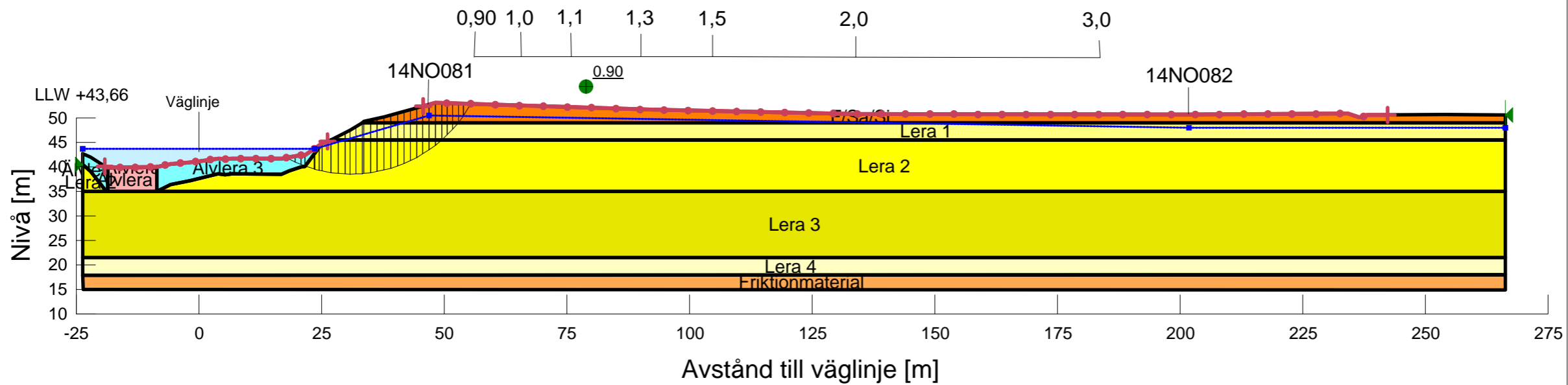
KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN



Sektion: 7/101 E
 Delområde: Syd
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-25
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



- Name: F/Sa/Si
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Unit Wt. Above Water Table: 19 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °
- Name: Friktonmaterial
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Unit Wt. Above Water Table: 19 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °
- Name: Lera 1
 Model: S=(datum)
 Unit Weight: 18.5 kN/m³
 C-Datum: 0 kPa
 C-Rate of Change: -3.43 kPa/m
 Limiting C: 24 kPa
 Elevation: 49 m
- Name: Lera 2
 Model: S=(datum)
 Unit Weight: 17.5 kN/m³
 C-Datum: 24 kPa
 C-Rate of Change: 1.29 kPa/m
 Limiting C: 36.9 kPa
 Elevation: 45.5 m
- Name: Lera 4
 Model: S=(depth)
 Unit Weight: 18.5 kN/m³
 C-Top of Layer: 55 kPa
 C-Rate of Change: 2.86 kPa/m
 Limiting C: 65 kPa
- Name: Älvlera 1
 Model: S=(datum)
 Unit Weight: 16 kN/m³
 Unit Wt. Above Water Table: 16 kN/m³
 C-Datum: 3 kPa
 C-Rate of Change: 0 kPa/m
 Limiting C: 3 kPa
 Elevation: 40 m
- Name: Älvlera 2
 Model: S=(datum)
 Unit Weight: 16 kN/m³
 C-Datum: 3 kPa
 C-Rate of Change: 6.1 kPa/m
 Limiting C: 33.54 kPa
 Elevation: 40 m
- Name: Älvlera 3
 Model: S=(depth)
 Unit Weight: 16 kN/m³
 C-Top of Layer: 3 kPa
 C-Rate of Change: 6.1 kPa/m
 Limiting C: 33.54 kPa
- Name: Lera 3
 Model: S=(datum)
 Unit Weight: 19 kN/m³
 C-Datum: 36.9 kPa
 C-Rate of Change: 1.29 kPa/m
 Limiting C: 55 kPa
 Elevation: 35 m

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KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 8/639 N
 Delområde: Syd
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-05-25
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °

Name: Si/Sa
 Model: Mohr-Coulomb
 Unit Weight: 19 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °

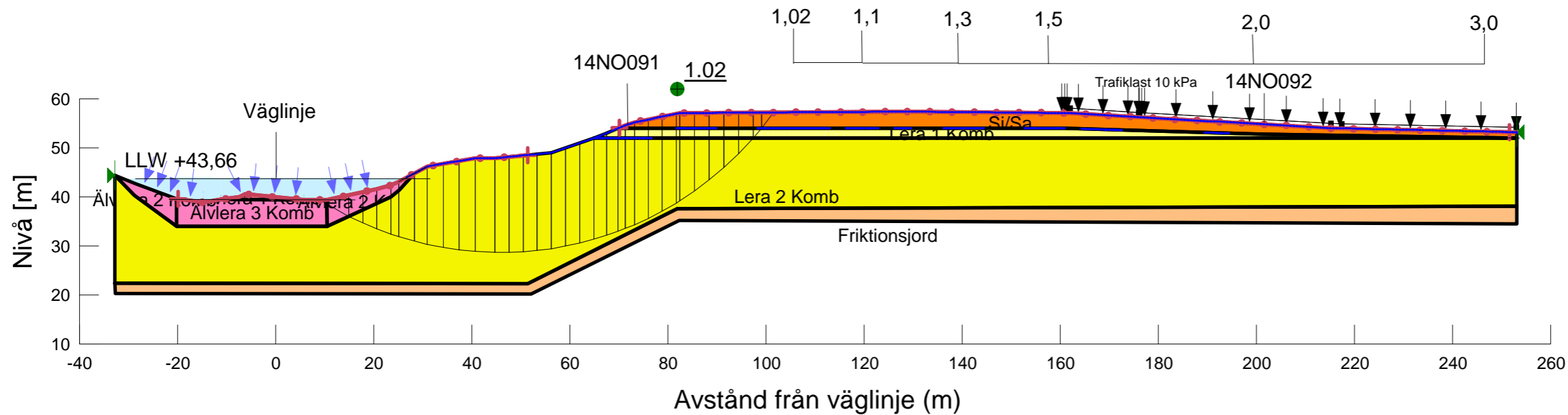
Name: Älvlera 1 Komb
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa
 Cu-Top of Layer: 3 kPa

Name: Älvlera 2 Komb
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 7.6 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa
 Cu-Top of Layer: 3 kPa

Name: Älvlera 3 Komb
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 3 kPa
 Cu-Rate of Change: 7.6 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 39.4 m

Name: Lera 1 Komb
 Model: Combined, S=f(datum)
 Unit Weight: 19.2 kN/m³
 Phi: 30 °
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 45 kPa
 Cu-Rate of Change: -9.5 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 54 m

Name: Lera 2 Komb
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 26 kPa
 Cu-Rate of Change: 1 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 52 m



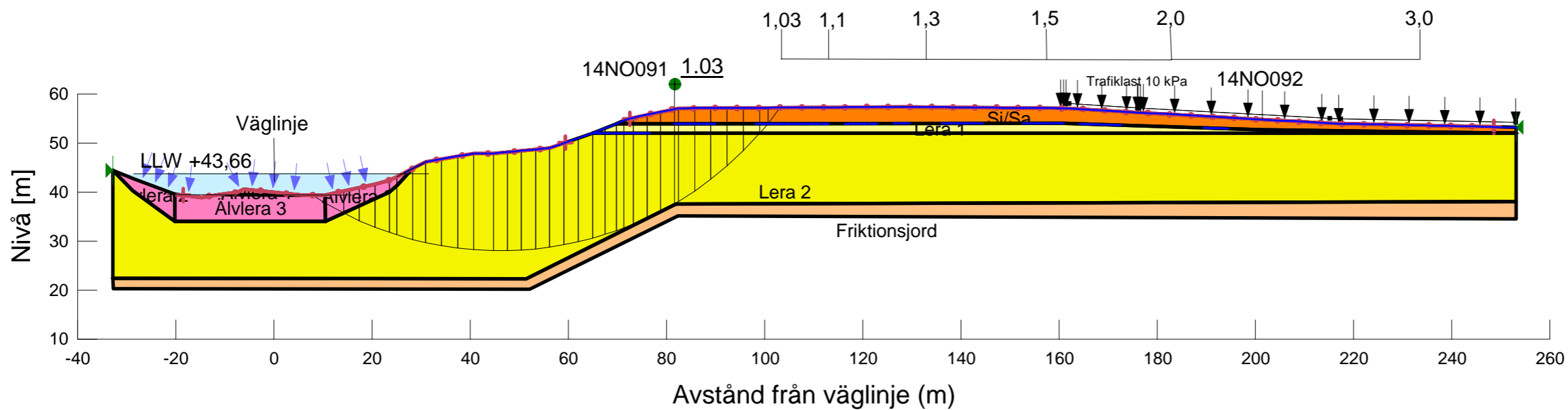


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 8/639 N
 Delområde: Syd
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-05-25
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



- Name: Älvlera 1
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa
- Name: Lera 1
 Model: S=f(datum)
 Unit Weight: 19.2 kN/m³
 C-Datum: 45 kPa
 C-Rate of Change: -9.5 kPa/m
 Elevation: 54 m
- Name: Lera 2
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 C-Datum: 26 kPa
 C-Rate of Change: 1 kPa/m
 Elevation: 52 m
- Name: Älvlera 3
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 C-Datum: 3 kPa
 C-Rate of Change: 7.6 kPa/m
 Elevation: 39.4 m
- Name: Älvlera 2
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 C-Rate of Change: 7.6 kPa/m
 C-Top of Layer: 3 kPa
- Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °
- Name: Si/Sa
 Model: Mohr-Coulomb
 Unit Weight: 19 kN/m³
 Cohesion: 0 kPa
 Phi: 31 °

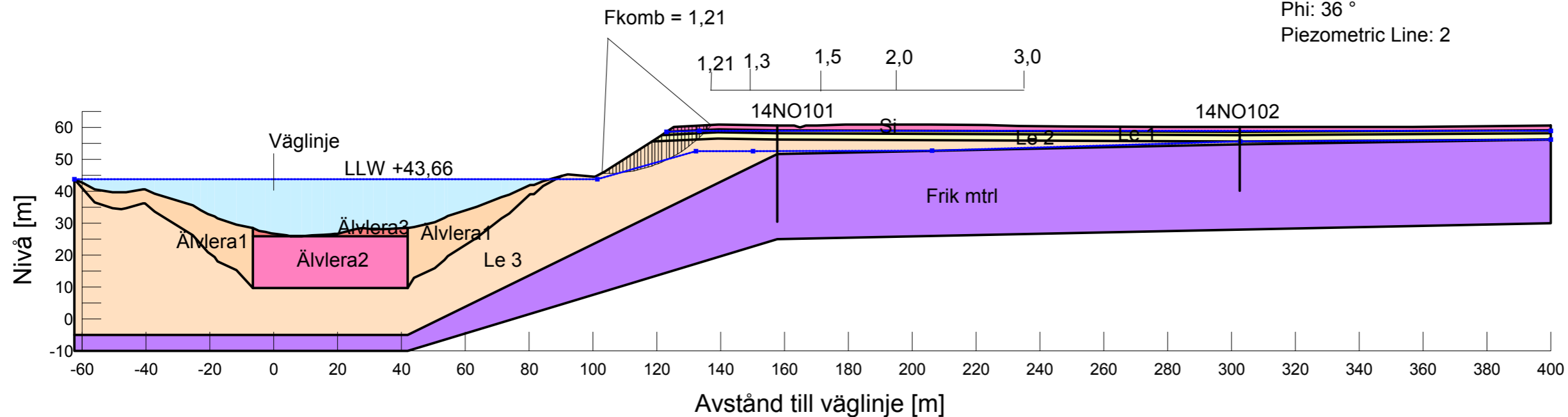


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 9/746 N
 Delområde: Syd
 Analysmetod: Kombinerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-04-30
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1500 (A3)



Name: Älvlera2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Datum: 3 kPa
 Cu-Rate of Change: 14.73 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 25.8 m
 Piezometric Line: 2

Name: Älvlera3
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 2

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Piezometric Line: 2

Name: Si
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Cohesion: 0 kPa
 Phi: 32 °
 Piezometric Line: 1

Name: Le 1
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 35 kPa
 Cu-Rate of Change: -15 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Le 2
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 20 kPa
 Cu-Rate of Change: 1.5 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 2

Name: Le 3
 Model: Combined, S=f(datum)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Datum: 23 kPa
 Cu-Rate of Change: 4.7 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 56.1 m
 Piezometric Line: 2

Name: Älvlera1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 14.73 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 2



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 9/746 N
 Delområde: Syd
 Analysmetod: Odränerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-04-30
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1500 (A3)

Name: Le 1
 Model: S=f(depth)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 35 kPa
 C-Rate of Change: -15 kPa/m
 Limiting C: 20 kPa

Name: Le 2
 Model: S=f(depth)
 Unit Weight: 18 kN/m³
 Piezometric Line: 2
 C-Top of Layer: 20 kPa
 C-Rate of Change: 1.5 kPa/m
 Limiting C: 23 kPa

Name: Le 3
 Model: S=f(datum)
 Unit Weight: 19 kN/m³
 Piezometric Line: 2
 C-Rate of Change: 4.7 kPa/m
 Limiting C: 0 kPa

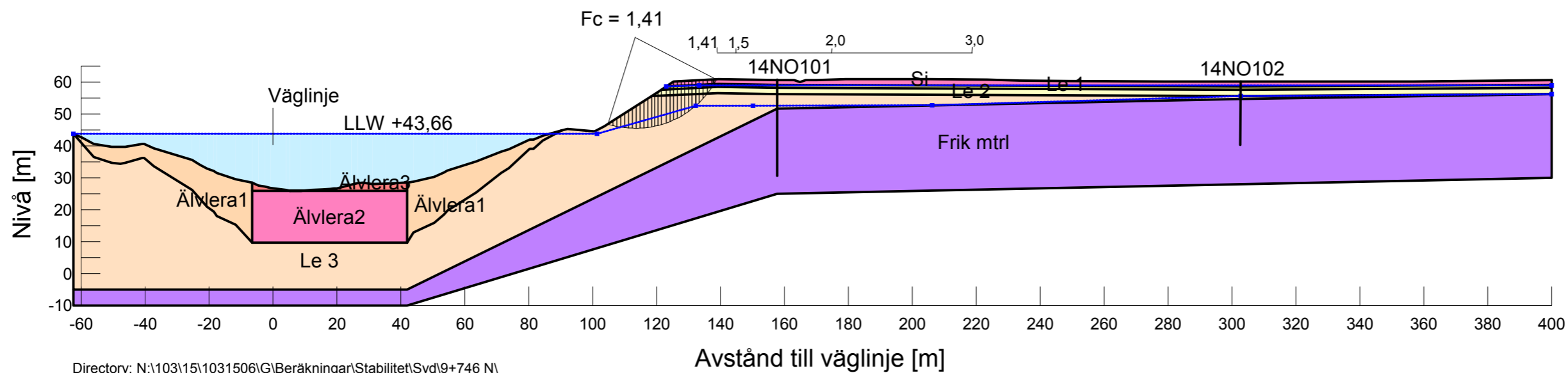
Name: Älvlera1
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 Piezometric Line: 2
 C-Top of Layer: 3 kPa
 C-Rate of Change: 14.73 kPa/m
 Limiting C: 241.55 kPa

Name: Älvlera2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 2
 C-Rate of Change: 14.73 kPa/m
 Limiting C: 241.55 kPa

Name: Älvlera3
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa
 Piezometric Line: 2

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 2
 Phi: 36 °

Name: Si
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 32 °



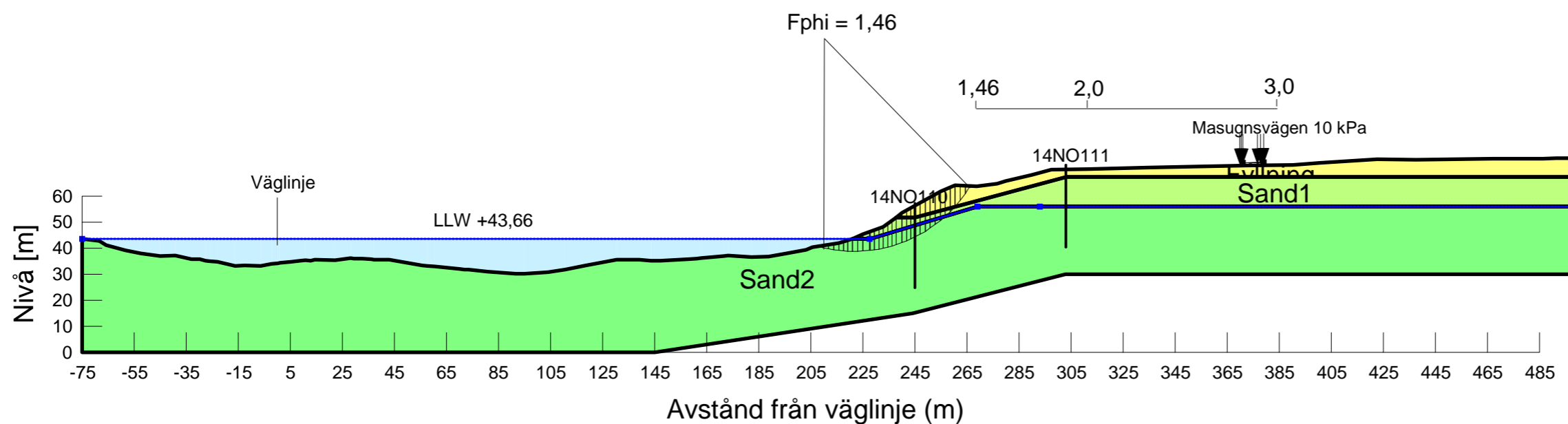


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 10/889 N
 Delområde: Syd
 Analysmetod: Dränerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-26
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:2000 (A3)



Name: Fyllning
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 34 °

Name: Sand1
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 37 °
 Piezometric Line: 1

Name: Sand2
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 37 °
 Piezometric Line: 1



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 12/200 W
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-16
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1000 (A3)

Name: Le 1
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 60 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 2

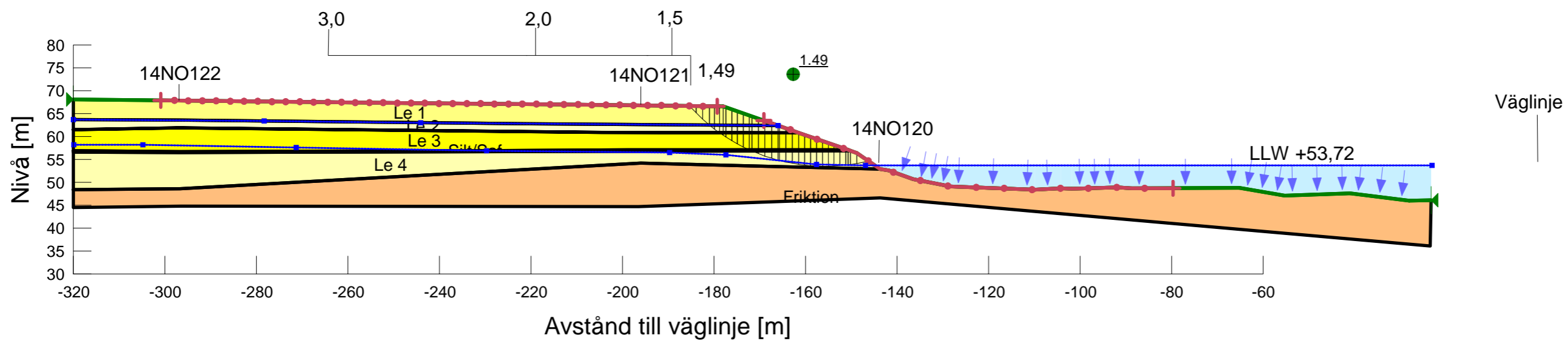
Name: Le 2
 Model: Combined, S=f(depth)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 47 kPa
 Cu-Rate of Change: -7.5 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 2

Name: Le 3
 Model: Combined, S=f(depth)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 32 kPa
 Cu-Rate of Change: 1.5 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Le 4
 Model: Combined, S=f(depth)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 38 kPa
 Cu-Rate of Change: 2.6 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Friktion
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Phi: 36 °
 Piezometric Line: 1
 Unit Wt. Above Water Table: 21 kN/m³
 Cohesion: 0 kPa
 Phi-B: 0 °

Name: Silt/Saf
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Phi: 34 °
 Piezometric Line: 1
 Cohesion: 0 kPa
 Phi-B: 0 °



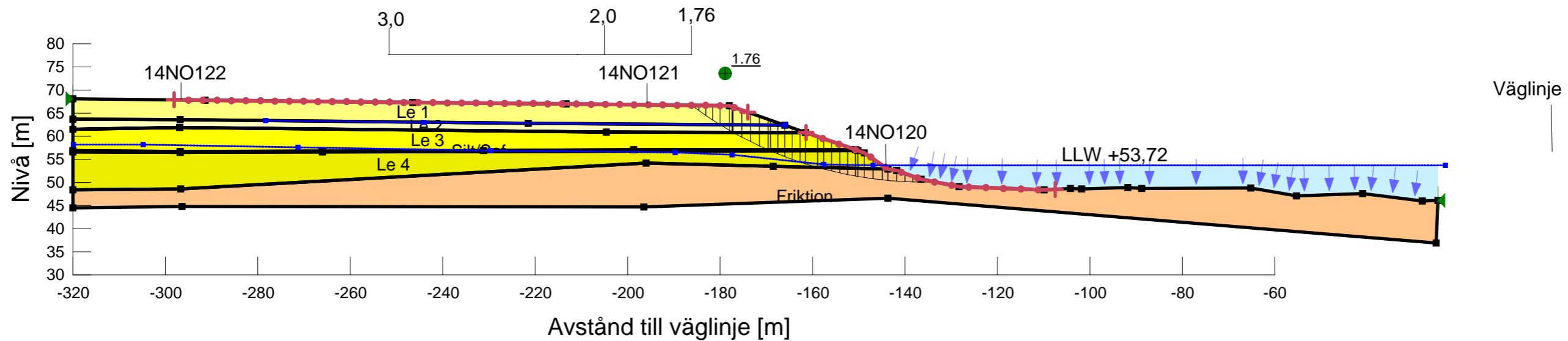


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 12/200 W
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-16
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1000 (A3)



Name: Le 1
 Model: Undrained (Phi=0)
 Unit Weight: 18 kN/m³
 Cohesion: 60 kPa

Name: Le 2
 Model: S=f(depth)
 Unit Weight: 19.5 kN/m³
 C-Top of Layer: 47 kPa
 C-Rate of Change: -7.5 kPa/m
 Limiting C: 32 kPa

Name: Le 3
 Model: S=f(depth)
 Unit Weight: 19.5 kN/m³
 C-Top of Layer: 32 kPa
 C-Rate of Change: 1.5 kPa/m
 Limiting C: 38 kPa

Name: Le 4
 Model: S=f(depth)
 Unit Weight: 19.5 kN/m³
 C-Top of Layer: 38 kPa
 C-Rate of Change: 2.6 kPa/m
 Limiting C: 51 kPa

Name: Friktion
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °

Name: Silt/Saf
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 34 °

BILAGA A:24, TILLHÖRANDE PM

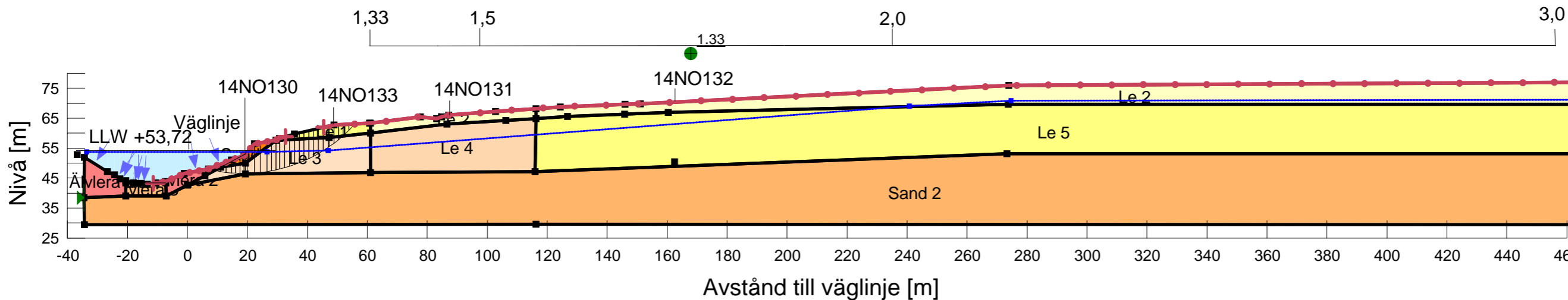


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 12/768 E
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-16
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

- C/Cu Ratio: 0.1
 Piezometric Line: 1
 Skala 1:1500 (A3)
 Name: Le 2
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 40 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
- Name: Le 3
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 40 kPa
 Cu-Rate of Change: 1 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
- Name: Le 4
 Model: Combined, S=f(datum)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Rate of Change: 2.1 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
 C-Datum: 0 kPa
 Cu-Datum: 25 kPa
 Elevation: 65 m
- Name: Sand 2
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Phi: 34 °
 Piezometric Line: 1
 Unit Wt. Above Water Table: 21 kN/m³
 Cohesion: 0 kPa
- Name: Sand 1
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Phi: 36 °
 Piezometric Line: 1
 Cohesion: 0 kPa
- Name: Älvlera 1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
- Name: Älvlera 2
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 11.5 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
- Name: Älvlera 3
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Rate of Change: 13.3 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
 C-Datum: 0 kPa
 Cu-Datum: 3 kPa
 Elevation: 43.4 m
- Name: Le 5
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 20 kPa
 Cu-Rate of Change: 2 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1



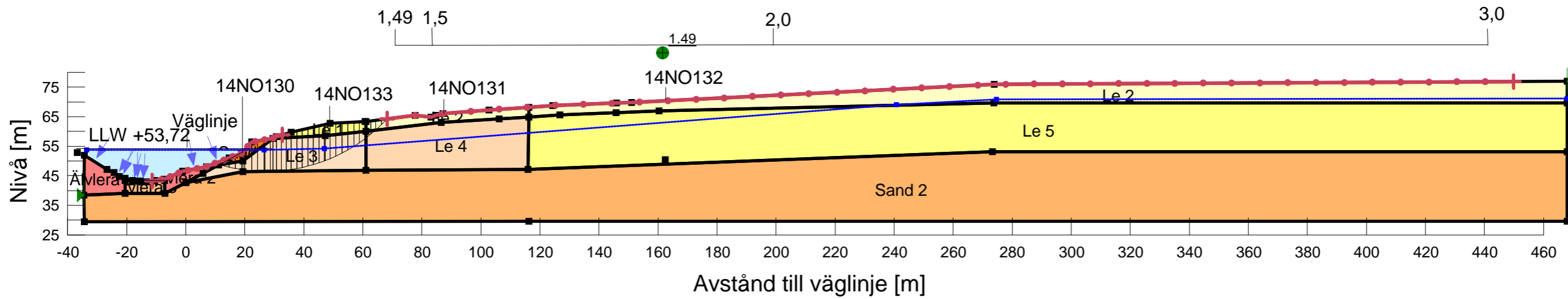
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 File Name: 12+768 E_komb.gsz



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 12/768 E
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-16
 Created By: Ismail Araz
 Last Edited By: Ismail Araz



- Name: Le 1
 Model: Undrained (Phi=0)
 Unit Weight: 19 kN/m³
 Cohesion: 60 kPa
- Name: Le 2
 Model: Undrained (Phi=0)
 Unit Weight: 19 kN/m³
 Cohesion: 40 kPa
- Name: Le 3
 Model: S=f(depth)
 Unit Weight: 19 kN/m³
 C-Top of Layer: 40 kPa
 C-Rate of Change: 1 kPa/m
 Limiting C: 60 kPa
- Name: Le 4
 Model: S=f(datum)
 Unit Weight: 19 kN/m³
 C-Rate of Change: 2.1 kPa/m
 Limiting C: 60 kPa
 C-Datum: 25 kPa
 Elevation: 65 m
- Name: Sand 2
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 34 °
- Name: Sand 1
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
- Name: Älvlera 1
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa
- Name: Älvlera 2
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 C-Top of Layer: 3 kPa
 C-Rate of Change: 11.5 kPa/m
 Limiting C: 60 kPa
- Name: Älvlera 3
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 C-Rate of Change: 13.3 kPa/m
 Limiting C: 60 kPa
 C-Datum: 3 kPa
 Elevation: 43.4 m
- Name: Le 5
 Model: S=f(depth)
 Unit Weight: 19 kN/m³
 C-Top of Layer: 20 kPa
 C-Rate of Change: 2 kPa/m
 Limiting C: 0 kPa

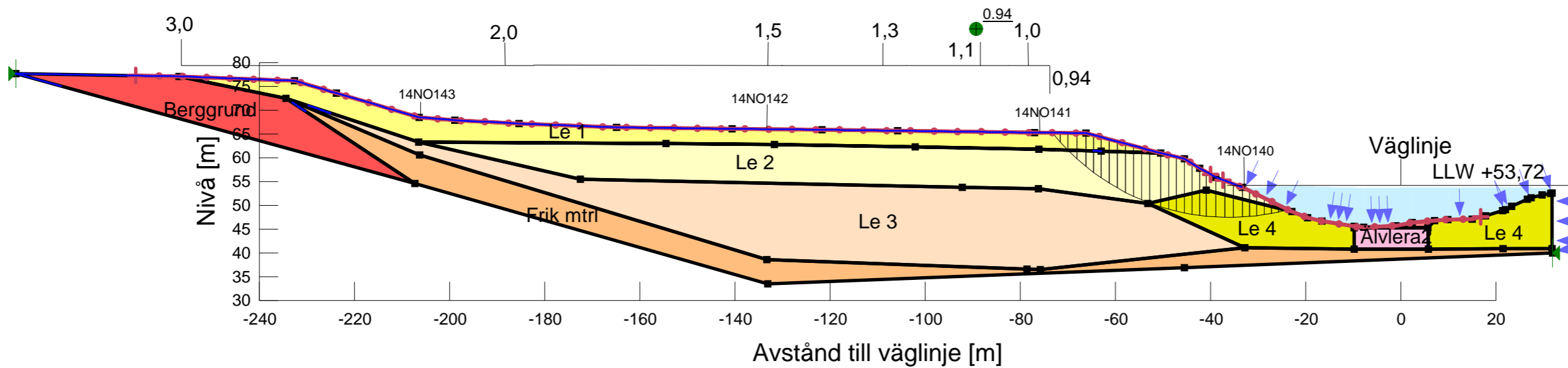
KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN



Sektion: 13/771 W
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-06-16
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1000 (A3)



Directory: N:\103\15\1031506\G\Beräkningar\Stabilitet\Mitt\13+771W\
 File Name: 13+771W_Komb.gsz

Name: Le 1
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 35 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Le 2
 Model: Combined, S=f(depth)
 Unit Weight: 18.5 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 32 kPa
 Cu-Rate of Change: 1.14 kPa/m
 C/Cu Ratio: 0.1

Name: Le 3
 Model: Combined, S=f(datum)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 Cu-Rate of Change: 1.67 kPa/m
 C/Cu Ratio: 0.1
 Cu-Datum: 40 kPa
 Elevation: 58 m

Name: Älvlera2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Rate of Change: 7.2 kPa/m
 C/Cu Ratio: 0.1
 Cu-Datum: 3 kPa
 Elevation: 45.5 m

Name: Älvlera3
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Phi: 36 °
 Cohesion: 0 kPa
 Phi-B: 0 °

Name: Le 4
 Model: Combined, S=f(depth)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 23 kPa
 Cu-Rate of Change: 3 kPa/m
 C/Cu Ratio: 0.1

Name: Berggrund
 Model: Bedrock (Impenetrable)

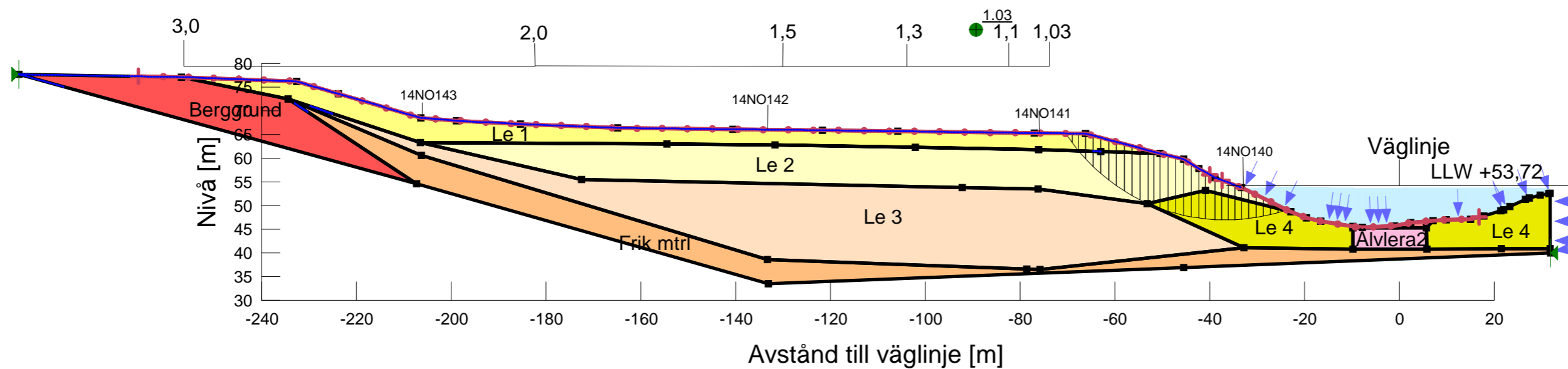
KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN



Sektion: 13/771 W
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-06-16
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1000 (A3)



Directory: N:\103\15\1031506\G\Beräkningar\Stabilitet\Mitt\13+771W\
 File Name: 13+771W_Odrän.gsz

Name: Le 1
 Model: Undrained (Phi=0)
 Unit Weight: 19 kN/m³
 Cohesion: 35 kPa

Name: Le 2
 Model: S=f(depth)
 Unit Weight: 18.5 kN/m³
 C-Top of Layer: 32 kPa
 C-Rate of Change: 1.14 kPa/m
 Limiting C: 40 kPa

Name: Le 3
 Model: S=f(datum)
 Unit Weight: 20 kN/m³
 C-Rate of Change: 1.67 kPa/m
 Limiting C: 0 kPa
 C-Datum: 40 kPa
 Elevation: 58 m

Name: Älvlera2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 C-Rate of Change: 7.2 kPa/m
 Limiting C: 50 kPa
 C-Datum: 3 kPa
 Elevation: 45.5 m

Name: Älvlera3
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °

Name: Le 4
 Model: S=f(depth)
 Unit Weight: 20 kN/m³
 C-Top of Layer: 23 kPa
 C-Rate of Change: 3 kPa/m
 Limiting C: 40 kPa

Name: Berggrund
 Model: Bedrock (Impenetrable)



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 13/863 E
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-16
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1000 (A3)

Name: Le 1
 Model: Combined, S=f(depth)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 55 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Le 2
 Model: Combined, S=f(depth)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 45 kPa
 Cu-Rate of Change: -8.7 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Le 3
 Model: Combined, S=f(datum)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Rate of Change: 2 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
 C-Datum: 0 kPa
 Cu-Datum: 32 kPa
 Elevation: 61 m

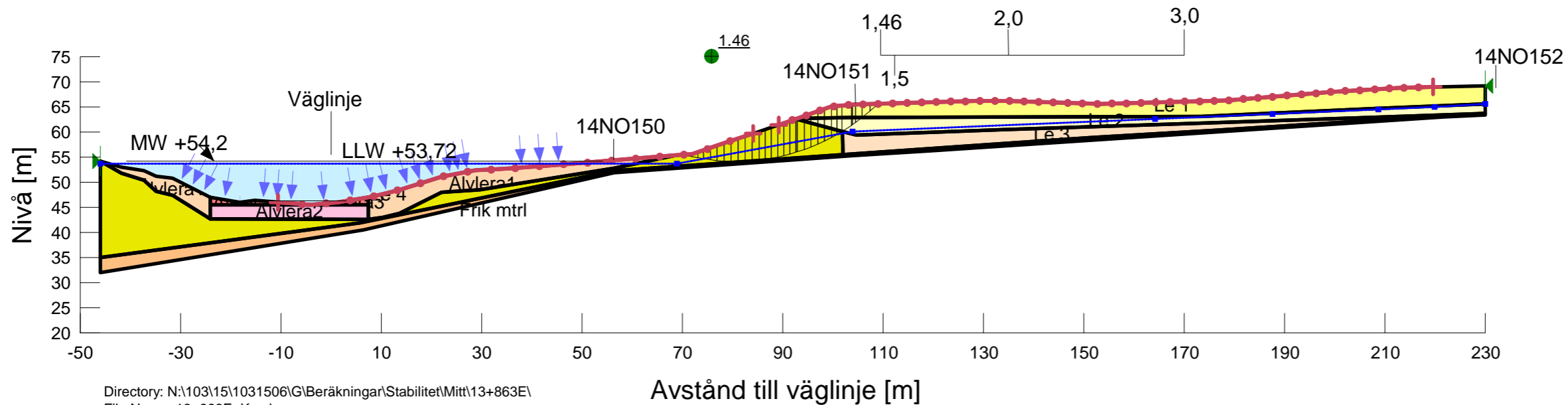
Name: Älvlera1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 10.45 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Älvlera2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Rate of Change: 10.45 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
 C-Datum: 0 kPa
 Cu-Datum: 3 kPa
 Elevation: 45.5 m

Name: Älvlera3
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Phi: 36 °
 Piezometric Line: 1
 Cohesion: 0 kPa
 Phi-B: 0 °

Name: Le 4
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 25 kPa
 Cu-Rate of Change: 2.2 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1



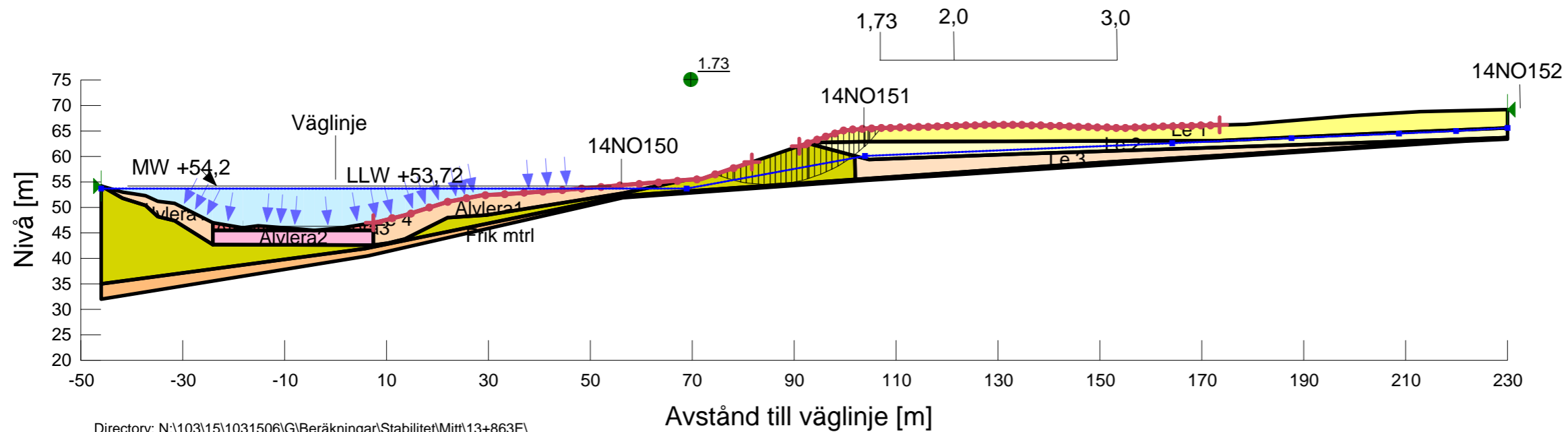
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 File Name: 13+863E_Komb.gsz



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 13/863 E
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-16
 Created By: Ismail Araz
 Last Edited By: Ismail Araz



Name: Le 1
 Model: Undrained (Phi=0)
 Unit Weight: 20 kN/m³
 Cohesion: 55 kPa

Name: Le 2
 Model: S=f(depth)
 Unit Weight: 19.5 kN/m³
 C-Top of Layer: 45 kPa
 C-Rate of Change: -8.7 kPa/m
 Limiting C: 32 kPa

Name: Le 3
 Model: S=f(datum)
 Unit Weight: 19 kN/m³
 C-Rate of Change: 2 kPa/m
 Limiting C: 0 kPa
 C-Datum: 32 kPa
 Elevation: 61 m

Name: Älvlera1
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 C-Top of Layer: 3 kPa
 C-Rate of Change: 10.45 kPa/m
 Limiting C: 77.2 kPa

Name: Älvlera2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 C-Rate of Change: 10.45 kPa/m
 Limiting C: 77.2 kPa
 C-Datum: 3 kPa
 Elevation: 45.5 m

Name: Älvlera3
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °

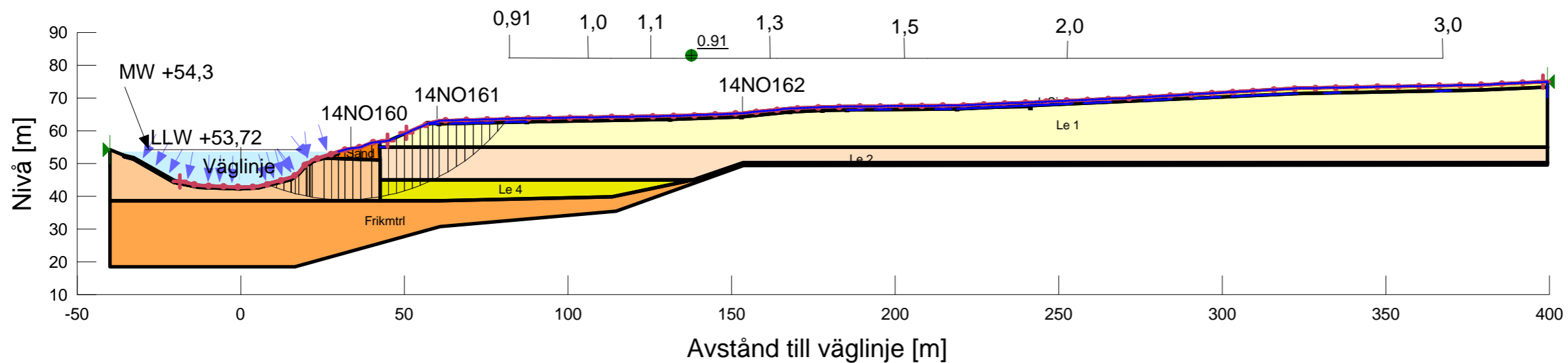
Name: Le 4
 Model: S=f(depth)
 Unit Weight: 19 kN/m³
 C-Top of Layer: 25 kPa
 C-Rate of Change: 2.2 kPa/m
 Limiting C: 0 kPa



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 14/899 E
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-06-16
 Created By: Ismail Araz
 Last Edited By: Ismail Araz



- Name: leSi
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 32 °
 Phi-B: 0 °
- Name: Le 1
 Model: Combined, S=f(datum)
 Unit Weight: 18.5 kN/m³
 Phi: 30 °
 Cu-Datum: 45 kPa
 Cu-Rate of Change: -2.5 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 62 m
- Name: Le 2
 Model: Combined, S=f(datum)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Datum: 30 kPa
 Cu-Rate of Change: 1 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 55 m
- Name: Frikmtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Phi-B: 0 °
- Name: Älvlera1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa
 Cu-Top of Layer: 3 kPa
- Name: Le 3
 Model: Combined, S=f(depth)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 Cu-Rate of Change: 2.5 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa
 Cu-Top of Layer: 15 kPa
- Name: Sand
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Phi-B: 0 °
- Name: Le 4
 Model: Combined, S=f(datum)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 Cu-Datum: 30 kPa
 Cu-Rate of Change: 1 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 55 m

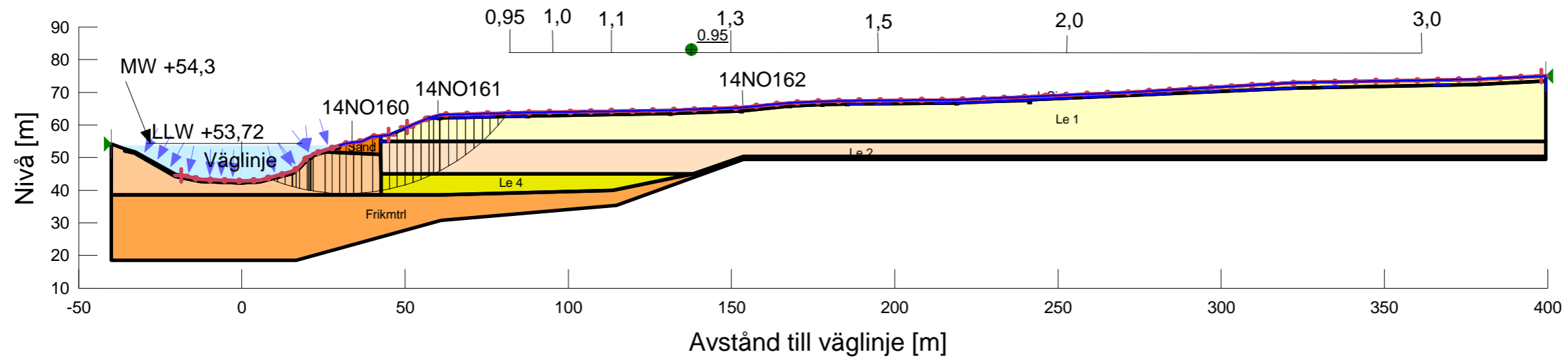


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 14/899 E
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-06-16
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1500 (A3)



- Name: leSi
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 32 °
 Phi-B: 0 °
- Name: Le 1
 Model: S=f(datum)
 Unit Weight: 18.5 kN/m³
 C-Datum: 45 kPa
 C-Rate of Change: -2.5 kPa/m
 Limiting C: 0 kPa
 Elevation: 62 m
- Name: Le 2
 Model: S=f(datum)
 Unit Weight: 19 kN/m³
 C-Datum: 30 kPa
 C-Rate of Change: 1 kPa/m
 Limiting C: 0 kPa
 Elevation: 55 m
- Name: Frikmtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Phi-B: 0 °
- Name: Älvlera1
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa
- Name: Le 3
 Model: S=f(depth)
 Unit Weight: 19.5 kN/m³
 C-Rate of Change: 2.5 kPa/m
 Limiting C: 0 kPa
 C-Top of Layer: 15 kPa
- Name: Sand
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Phi-B: 0 °
- Name: Le 4
 Model: S=f(datum)
 Unit Weight: 19.5 kN/m³
 C-Datum: 30 kPa
 C-Rate of Change: 1 kPa/m
 Limiting C: 0 kPa
 Elevation: 55 m

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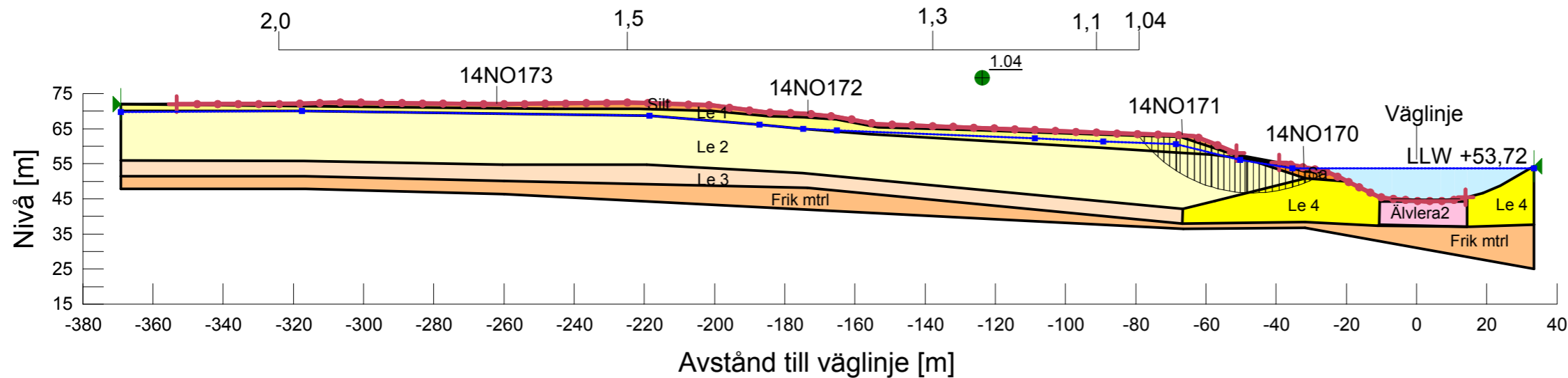
KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN



Sektion: 15/615 W
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-27
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1500 (A3)



Name: Le 1
 Model: Combined, S=f(depth)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 50 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Le 2
 Model: Combined, S=f(depth)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 25 kPa
 Cu-Rate of Change: 1.1 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Le 3
 Model: Combined, S=f(datum)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 3.3 kPa/m
 C/Cu Ratio: 0
 Piezometric Line: 1
 C-Datum: 0 kPa
 Cu-Datum: 40 kPa
 Elevation: 52.5 m

Name: Älvlera2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 10.75 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
 C-Datum: 0 kPa
 Cu-Datum: 3 kPa
 Elevation: 44.3 m

Name: Älvlera3
 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: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Phi: 36 °
 Piezometric Line: 1
 Cohesion: 0 kPa
 Phi-B: 0 °

Name: Silt
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Phi: 33 °
 Piezometric Line: 1
 Cohesion: 0 kPa
 Phi-B: 0 °

Name: Sa
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Phi: 36 °
 Piezometric Line: 1
 Cohesion: 0 kPa
 Phi-B: 0 °

Name: Le 4
 Model: Combined, S=f(datum)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 3.6 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
 C-Datum: 0 kPa
 Cu-Datum: 20 kPa
 Elevation: 50 m

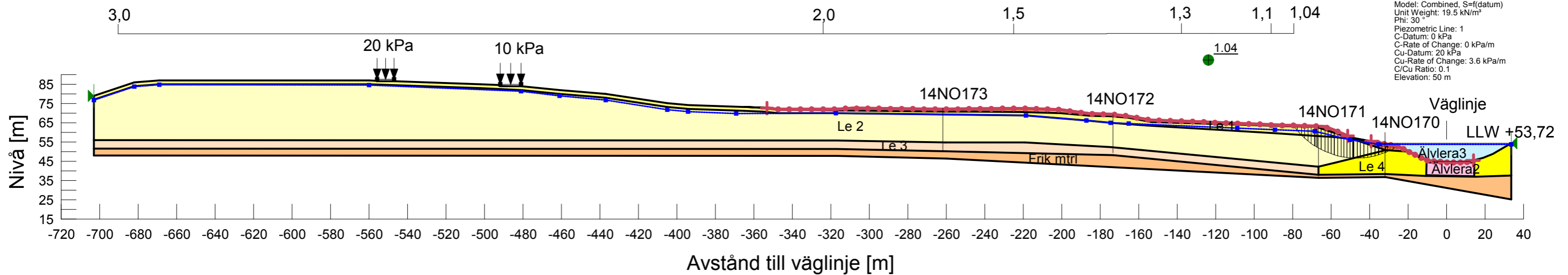


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 15/615 W - Förlängd sektion
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-10
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

- Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Piezometric Line: 1
- Name: Silt
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °
 Piezometric Line: 1
- Name: Sa
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Piezometric Line: 1
- Name: Älvlera2
 Model: Combined, S=(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 3 kPa
 Cu-Rate of Change: 10.75 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 44.3 m
- Name: Älvlera3
 Model: Combined, S=(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa
 Cu-Top of Layer: 3 kPa
- Name: Le 1
 Model: Combined, S=(depth)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa
 Cu-Top of Layer: 50 kPa
- Name: Le 2
 Model: Combined, S=(depth)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 1.1 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa
 Cu-Top of Layer: 25 kPa
- Name: Le 3
 Model: Combined, S=(datum)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 40 kPa
 Cu-Rate of Change: 3.3 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 52.5 m
- Name: Le 4
 Model: Combined, S=(datum)
 Unit Weight: 19.5 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 20 kPa
 Cu-Rate of Change: 3.6 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 50 m



BILAGA A:34, TILLHÖRANDE PM

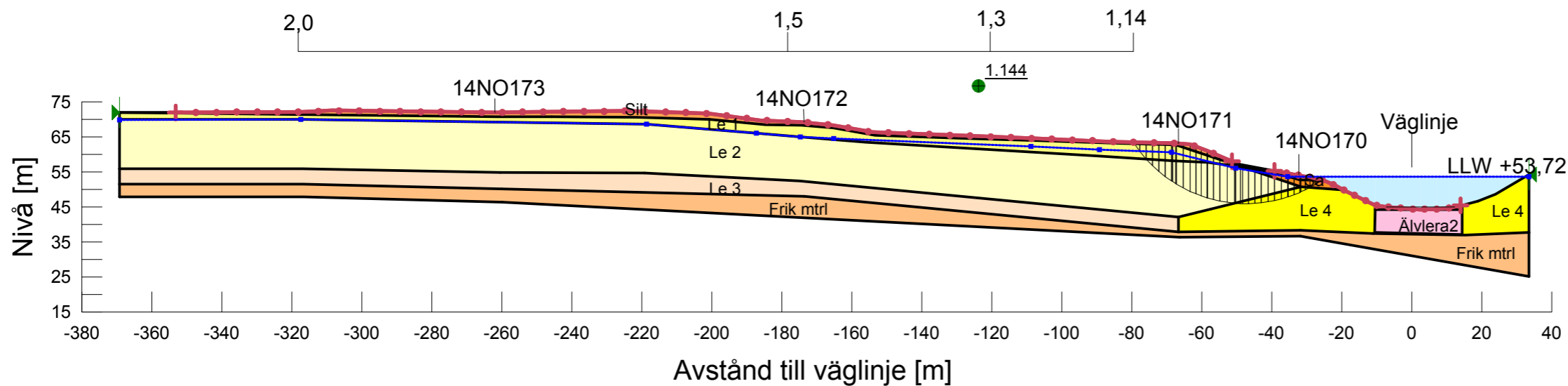


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 15/615 W
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-09
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1500 (A3)



Name: Le 1
 Model: Undrained (Phi=0)
 Unit Weight: 19.5 kN/m³
 Cohesion: 50 kPa
 Piezometric Line: 1

Name: Le 2
 Model: S=f(depth)
 Unit Weight: 19.5 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 25 kPa
 C-Rate of Change: 1.1 kPa/m
 Limiting C: 40 kPa

Name: Le 3
 Model: S=f(datum)
 Unit Weight: 19.5 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 3.3 kPa/m
 Limiting C: 0 kPa
 C-Datum: 40 kPa
 Elevation: 52.5 m

Name: Älvlera2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 10.75 kPa/m
 Limiting C: 95.45 kPa
 C-Datum: 3 kPa
 Elevation: 44.3 m

Name: Älvlera3
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa
 Piezometric Line: 1

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 36 °
 Phi-B: 0 °

Name: Silt
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 33 °
 Phi-B: 0 °

Name: Sa
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 36 °
 Phi-B: 0 °

Name: Le 4
 Model: S=f(datum)
 Unit Weight: 19.5 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 3.6 kPa/m
 Limiting C: 0 kPa
 C-Datum: 20 kPa
 Elevation: 50 m

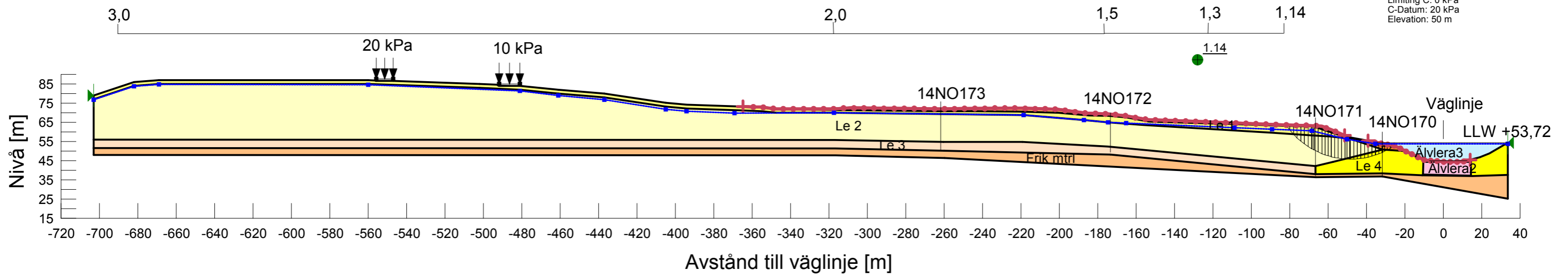


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 15/615 W - Förlängd sektion
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-10
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

- Name: Le 1
 Model: Undrained (Phi=0)
 Unit Weight: 19,5 kN/m³
 Cohesion: 50 kPa
 Piezometric Line: 1
- Name: Le 2
 Model: S=f(depth)
 Unit Weight: 19,5 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 25 kPa
 C-Rate of Change: 1.1 kPa/m
 Limiting C: 40 kPa
- Name: Le 3
 Model: S=f(datum)
 Unit Weight: 19,5 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 3.3 kPa/m
 Limiting C: 0 kPa
 C-Datum: 40 kPa
 Elevation: 52.5 m
- Name: Älvlera2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 10.75 kPa/m
 Limiting C: 95.45 kPa
 C-Datum: 3 kPa
 Elevation: 44.3 m
- Name: Älvlera3
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa
 Piezometric Line: 1
- Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 36 °
- Name: Silt
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 33 °
- Name: Sa
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 36 °
- Name: Le 4
 Model: S=f(datum)
 Unit Weight: 19,5 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 3.6 kPa/m
 Limiting C: 0 kPa
 C-Datum: 20 kPa
 Elevation: 50 m





KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 17/336 W
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-13
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1500 (A3)

Name: Le 1
 Model: Combined, $S=f(\text{depth})$
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 30 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Le 2
 Model: Combined, $S=f(\text{depth})$
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 20 kPa
 Cu-Rate of Change: 1.85 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

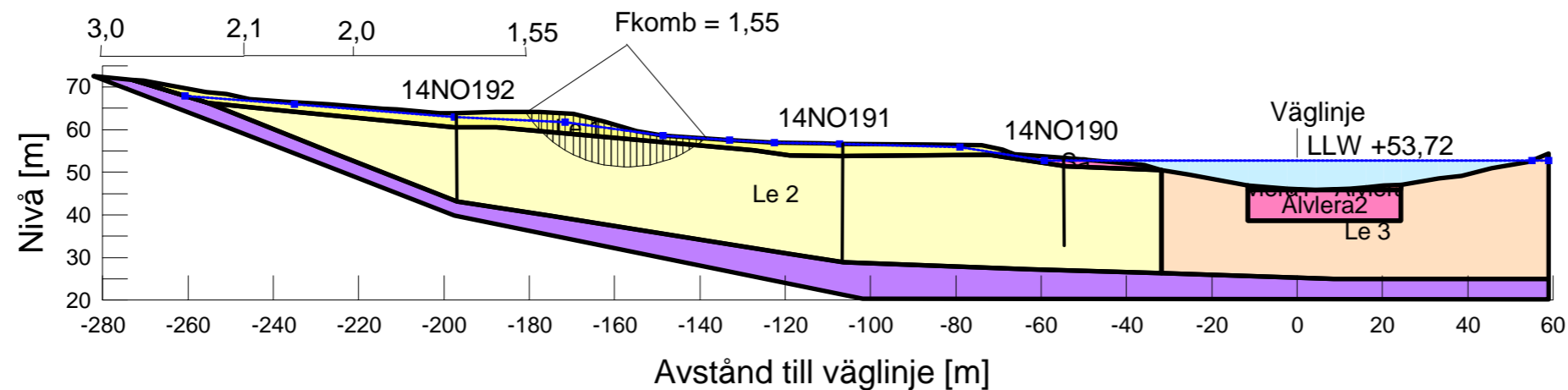
Name: Le 3
 Model: Combined, $S=f(\text{datum})$
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Rate of Change: 1.85 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
 Cu-Datum: 20 kPa
 Elevation: 45.9 m

Name: Älvlera2
 Model: Combined, $S=f(\text{datum})$
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Rate of Change: 4.21 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
 Cu-Datum: 3 kPa
 Elevation: 45.9 m

Name: Älvlera1
 Model: Combined, $S=f(\text{depth})$
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Phi: 36 °
 Piezometric Line: 1
 Cohesion: 0 kPa

Name: Sa
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Phi: 36 °
 Piezometric Line: 1
 Cohesion: 0 kPa



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KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 17/336 W
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-12
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1500 (A3)

Name: Le 1
 Model: Undrained (Phi=0)
 Unit Weight: 19 kN/m³
 Cohesion: 30 kPa
 Piezometric Line: 1

Name: Le 2
 Model: S=f(depth)
 Unit Weight: 19 kN/m³
 Piezometric Line: 1
 C-Top of Layer: 20 kPa
 C-Rate of Change: 1.85 kPa/m
 Limiting C: 0 kPa

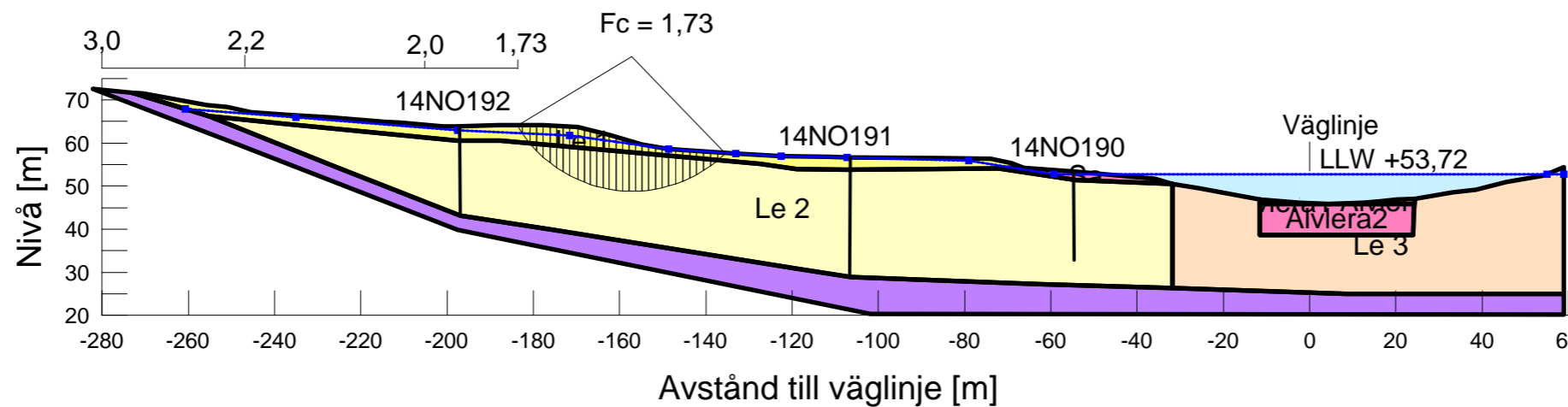
Name: Le 3
 Model: S=f(datum)
 Unit Weight: 19 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 1.85 kPa/m
 Limiting C: 0 kPa
 C-Datum: 20 kPa
 Elevation: 45.9 m

Name: Älvlera2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 C-Rate of Change: 4.21 kPa/m
 Limiting C: 33.32 kPa
 C-Datum: 3 kPa
 Elevation: 45.9 m

Name: Älvlera1
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa
 Piezometric Line: 1

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 36 °

Name: Sa
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Piezometric Line: 1
 Phi: 36 °



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KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 17/800 E
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-27
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1500 (A3)

Name: Si
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Unit Wt. Above Water Table: 18 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °

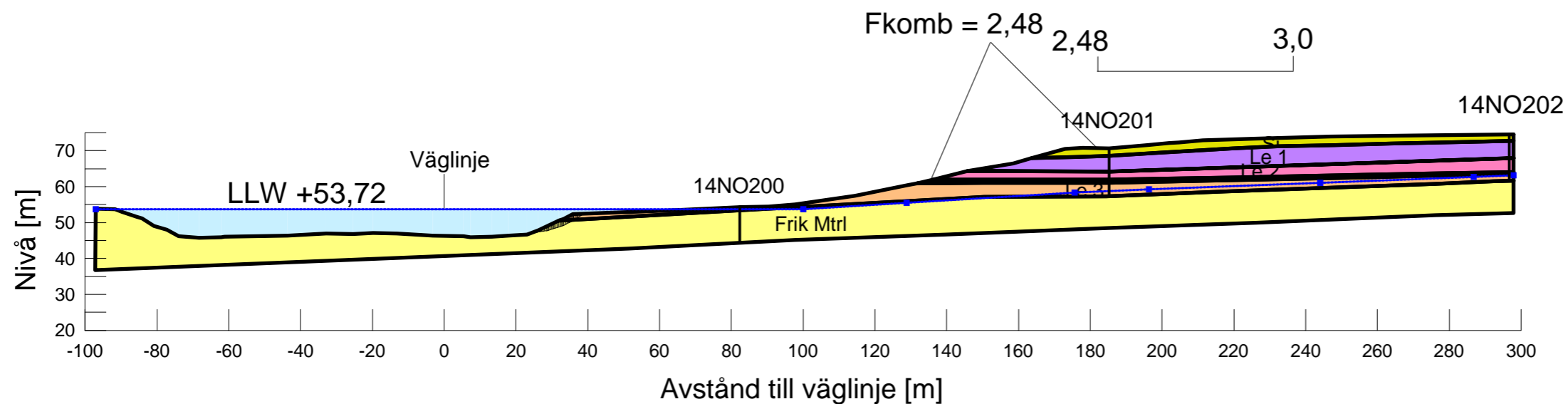
Name: Le 1
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 20 °
 Cu-Top of Layer: 140 kPa
 Cu-Rate of Change: -22.7 kPa/m
 C/Cu Ratio: 0.1

Name: Le 2
 Model: Combined, S=f(depth)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 38 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Sa
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Unit Wt. Above Water Table: 18 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °

Name: Le 3
 Model: Combined, S=f(depth)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 Cu-Top of Layer: 38 kPa
 Cu-Rate of Change: 8.2 kPa/m
 C/Cu Ratio: 0.1

Name: Frik Mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Piezometric Line: 1





KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 17/800 E
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-27
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1500 (A3)

Name: Si
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Unit Wt. Above Water Table: 18 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °

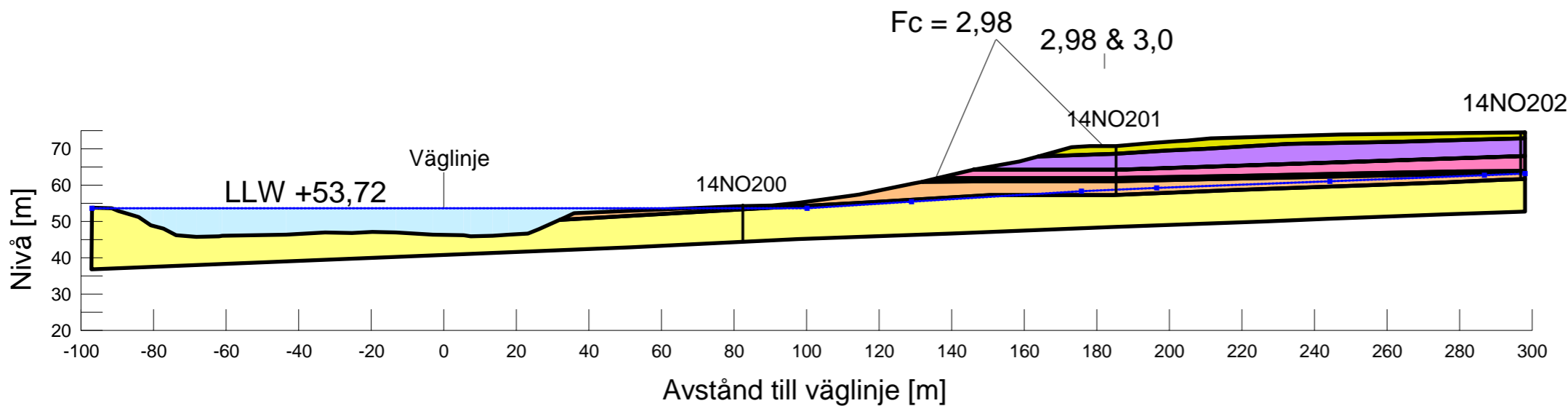
Name: Le 1
 Model: S=f(depth)
 Unit Weight: 18 kN/m³
 C-Top of Layer: 140 kPa
 C-Rate of Change: -22.7 kPa/m
 Limiting C: 38 kPa

Name: Le 2
 Model: Undrained (Phi=0)
 Unit Weight: 20 kN/m³
 Cohesion: 38 kPa

Name: Sa
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Unit Wt. Above Water Table: 18 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °

Name: Le 3
 Model: S=f(depth)
 Unit Weight: 20 kN/m³
 C-Top of Layer: 38 kPa
 C-Rate of Change: 8.2 kPa/m
 Limiting C: 0 kPa

Name: Frik Mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °



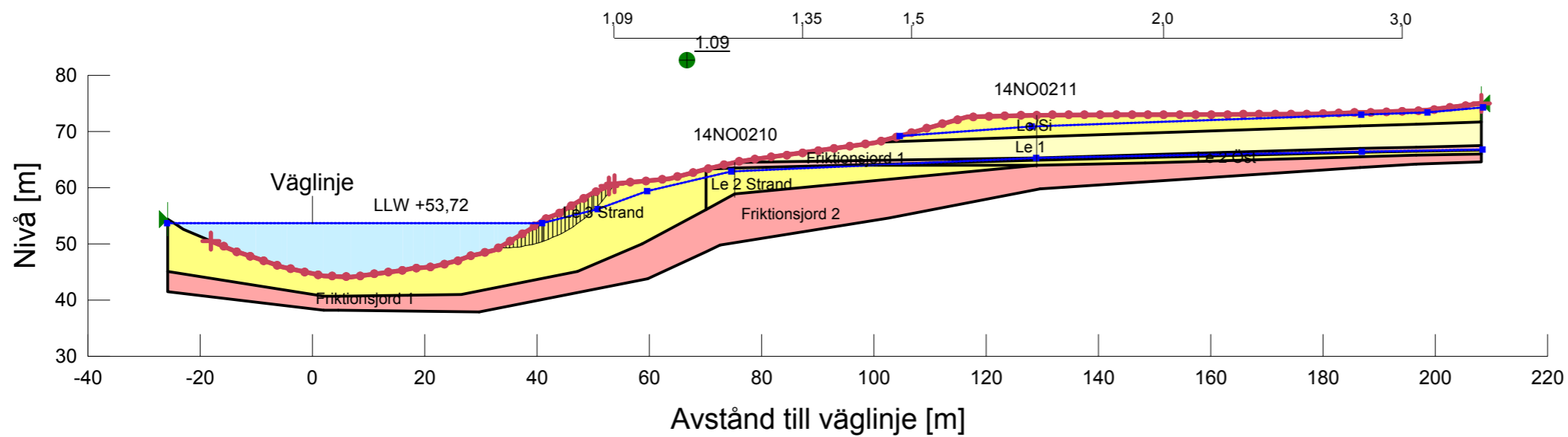


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 19/379 E
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-13
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



Name: Friktionsjord 1
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 34 °
 Piezometric Line: 2

Name: Friktionsjord 2
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Piezometric Line: 2

Name: Le/Si
 Model: Combined, S=f(depth)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 60 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Le 1
 Model: Combined, S=f(datum)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 Piezometric Line: 2
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: -1 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 30 kPa
 Elevation: 67.5 m

Name: Le 2 Strand
 Model: Combined, S=f(datum)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 Piezometric Line: 2
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 4 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 20 kPa
 Elevation: 64 m

Name: Le 2 Öst
 Model: Combined, S=f(depth)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 Piezometric Line: 2
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 20 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Le 3 Strand
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Piezometric Line: 2
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 20 kPa
 Cu-Rate of Change: 3.6 kPa/m
 C/Cu Ratio: 0.1



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 19/379 E
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-13
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)

Name: Friktionsjord 1
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 34 °
 Piezometric Line: 2

Name: Friktionsjord 2
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Piezometric Line: 2

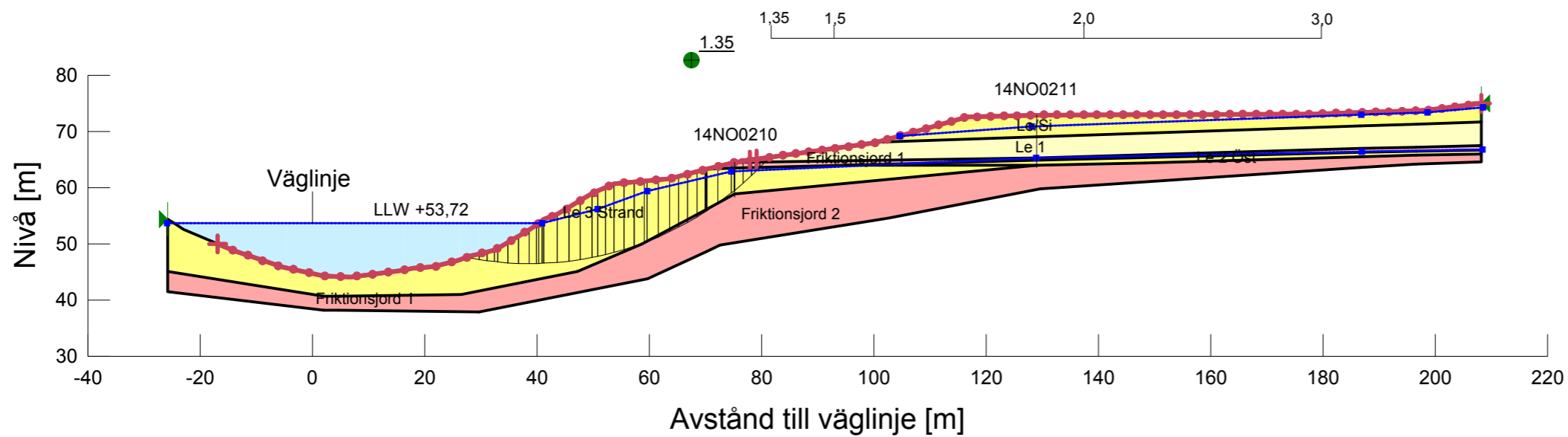
Name: Le/Si
 Model: Undrained (Phi=0)
 Unit Weight: 20 kN/m³
 Cohesion: 60 kPa
 Piezometric Line: 1

Name: Le 1
 Model: S=f(datum)
 Unit Weight: 20 kN/m³
 Piezometric Line: 2
 C-Datum: 30 kPa
 C-Rate of Change: -1 kPa/m
 Limiting C: 27 kPa
 Elevation: 67.5 m

Name: Le 2 Öst
 Model: Undrained (Phi=0)
 Unit Weight: 20 kN/m³
 Cohesion: 20 kPa
 Piezometric Line: 2

Name: Le 2 Strand
 Model: S=f(datum)
 Unit Weight: 20 kN/m³
 Piezometric Line: 2
 C-Datum: 20 kPa
 C-Rate of Change: 4 kPa/m
 Limiting C: 52 kPa
 Elevation: 64 m

Name: Le 3 Strand
 Model: S=f(depth)
 Unit Weight: 19 kN/m³
 Piezometric Line: 2
 C-Rate of Change: 3.6 kPa/m
 Limiting C: 74 kPa
 C-Top of Layer: 20 kPa

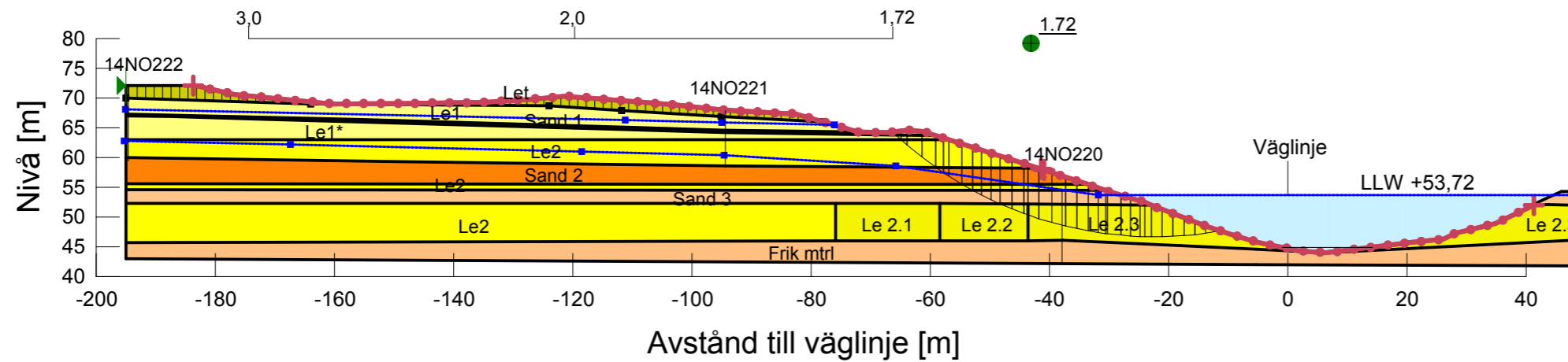




KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 19/379 W
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-23
 Created By: Rudebeck David
 Last Edited By: Rudebeck David



Name: Let
 Model: Combined, S=f(depth)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 30 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Le1
 Model: Combined, S=f(datum)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: -2.9 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 50 kPa
 Elevation: 70 m
 Piezometric Line: 1

Name: Sand 1
 Model: Mohr-Coulomb
 Unit Weight: 19.5 kN/m³
 Phi: 38 °
 Piezometric Line: 1
 Cohesion: 0 kPa

Name: Le2
 Model: Combined, S=f(datum)
 Unit Weight: 1.9 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 3.6 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 30 kPa
 Elevation: 63 m
 Piezometric Line: 2

Name: Sand 2
 Model: Mohr-Coulomb
 Unit Weight: 19.5 kN/m³
 Phi: 38 °
 Piezometric Line: 2
 Cohesion: 0 kPa

Name: Sand 3
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Phi: 36 °
 Piezometric Line: 2
 Cohesion: 0 kPa

Name: Le 2.1
 Model: Combined, S=f(datum)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 3.6 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 55 kPa
 Elevation: 52 m
 Piezometric Line: 2

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Phi: 36 °
 Piezometric Line: 2
 Cohesion: 0 kPa

Name: Le 2.2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 3.6 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 30 kPa
 Elevation: 52 m
 Piezometric Line: 2

Name: Le 2.3
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 3.6 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 20 kPa
 Elevation: 52 m
 Piezometric Line: 2

Name: Le1*
 Model: Combined, S=f(datum)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: -2.9 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 50 kPa
 Elevation: 70 m
 Piezometric Line: 2



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 19/379 W
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-23
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Name: Sand 1
 Model: Mohr-Coulomb
 Unit Weight: 19.5 kN/m³
 Cohesion: 0 kPa
 Phi: 38 °
 Piezometric Line: 1

Name: Sand 2
 Model: Mohr-Coulomb
 Unit Weight: 19.5 kN/m³
 Cohesion: 0 kPa
 Phi: 38 °
 Piezometric Line: 2

Name: Sand 3
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Piezometric Line: 2

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Piezometric Line: 2

Name: Let
 Model: Undrained (Phi=0)
 Unit Weight: 20 kN/m³
 Cohesion: 30 kPa

Name: Le1
 Model: S=(datum)
 Unit Weight: 19 kN/m³
 Piezometric Line: 1
 C-Datum: 50 kPa
 C-Rate of Change: -2.9 kPa/m
 Limiting C: 30 kPa
 Elevation: 70 m

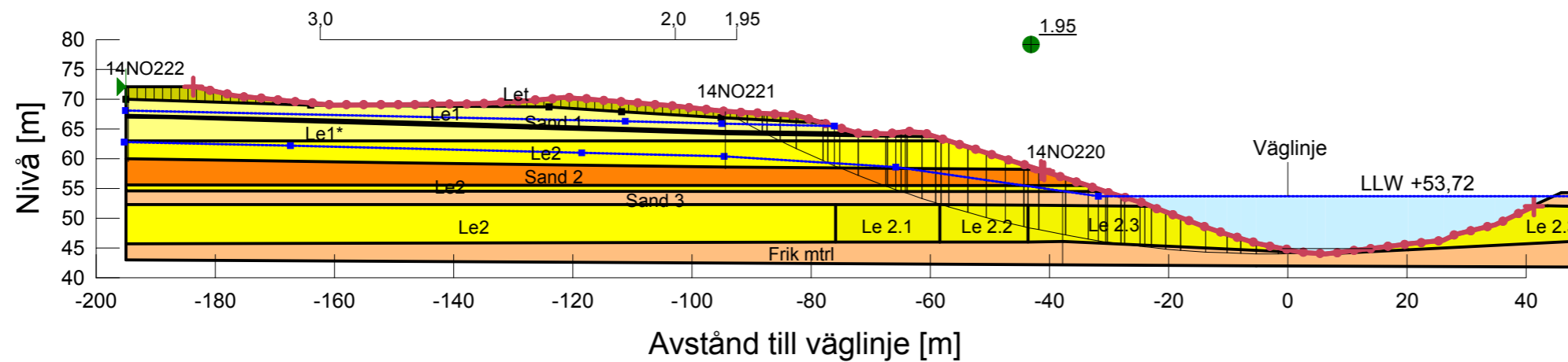
Name: Le2
 Model: S=(datum)
 Unit Weight: 1.9 kN/m³
 Piezometric Line: 2
 C-Datum: 30 kPa
 C-Rate of Change: 3.6 kPa/m
 Limiting C: 102 kPa
 Elevation: 63 m

Name: Le 2.1
 Model: S=(datum)
 Unit Weight: 20 kN/m³
 Piezometric Line: 2
 C-Datum: 55 kPa
 C-Rate of Change: 3.6 kPa/m
 Limiting C: 82 kPa
 Elevation: 52 m

Name: Le 2.2
 Model: S=(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 2
 C-Datum: 30 kPa
 C-Rate of Change: 3.6 kPa/m
 Limiting C: 56 kPa
 Elevation: 52 m

Name: Le 2.3
 Model: S=(datum)
 Unit Weight: 16 kN/m³
 Piezometric Line: 2
 C-Datum: 20 kPa
 C-Rate of Change: 3.6 kPa/m
 Limiting C: 46 kPa
 Elevation: 52 m

Name: Le1*
 Model: S=(datum)
 Unit Weight: 19 kN/m³
 Piezometric Line: 2
 C-Datum: 50 kPa
 C-Rate of Change: -2.9 kPa/m
 Limiting C: 30 kPa
 Elevation: 70 m





KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 20/177 W
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-05-23
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Name: Le4
 Model: Combined, S=f(depth)
 Unit Weight: 20.5 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 80 kPa
 Cu-Rate of Change: 3 kPa/m
 C/Cu Ratio: 0.1

Name: Le5
 Model: Combined, S=f(datum)
 Unit Weight: 20.5 kN/m³
 Phi: 30 °
 Cu-Datum: 30 kPa
 Cu-Rate of Change: 3 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 52 m

Name: Le6
 Model: Combined, S=f(datum)
 Unit Weight: 20.5 kN/m³
 Phi: 30 °
 Cu-Datum: 50 kPa
 Cu-Rate of Change: 3 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 45 m

Name: Älvlera1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Älvlera2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Datum: 3 kPa
 Cu-Rate of Change: 8.4 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 45.2 m

Skala 1:1500 (A3)

Name: Let
 Model: Combined, S=f(depth)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 25 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Le1
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 25 kPa
 Cu-Rate of Change: 3 kPa/m
 C/Cu Ratio: 0.1

Name: Sa1
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °

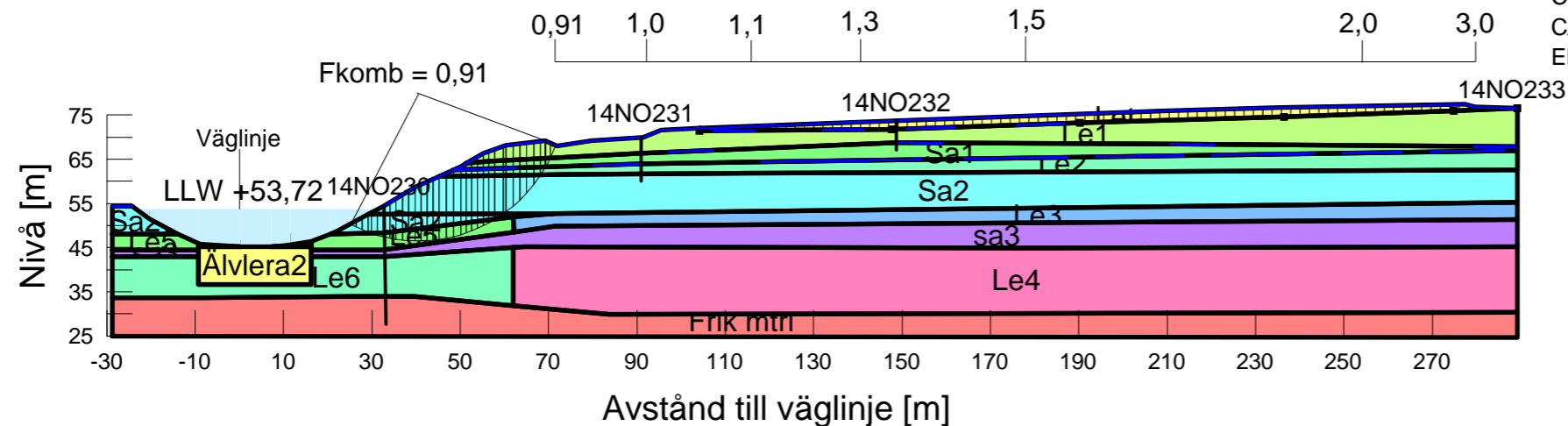
Name: Le2
 Model: Combined, S=f(depth)
 Unit Weight: 19.4 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 45 kPa
 Cu-Rate of Change: 3 kPa/m
 C/Cu Ratio: 0.1

Name: Sa2
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °

Name: Le3
 Model: Combined, S=f(depth)
 Unit Weight: 20.5 kN/m³
 Phi: 20 °
 Cu-Top of Layer: 70 kPa
 Cu-Rate of Change: 3 kPa/m
 C/Cu Ratio: 0.1

Name: sa3
 Model: Mohr-Coulomb
 Unit Weight: 20.5 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °



Directory: N:\103\15\1031506\G\Beräkningar\Stabilitet\Mitt\20+177 E\
 File Name: 20+177E_Komb.gsz



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 20/177 W
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-05-23
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1500 (A3)

Name: Le4
 Model: S=f(depth)
 Unit Weight: 20.5 kN/m³
 C-Top of Layer: 80 kPa
 C-Rate of Change: 3 kPa/m
 Limiting C: 0 kPa

Name: Le5
 Model: S=f(datum)
 Unit Weight: 20.5 kN/m³
 C-Rate of Change: 3 kPa/m
 Limiting C: 50 kPa
 Elevation: 52 m

Name: Le6
 Model: S=f(datum)
 Unit Weight: 20.5 kN/m³
 C-Rate of Change: 3 kPa/m
 Limiting C: 0 kPa
 Elevation: 45 m

Name: Älvlera1
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa

Name: Älvlera2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 Limiting C: 75.2 kPa
 Elevation: 45.2 m

Name: Let
 Model: Undrained (Phi=0)
 Unit Weight: 20 kN/m³
 Cohesion: 25 kPa

Name: Le1
 Model: S=f(depth)
 Unit Weight: 19 kN/m³
 C-Top of Layer: 25 kPa
 C-Rate of Change: 3 kPa/m
 Limiting C: 0 kPa

Name: Sa1
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °

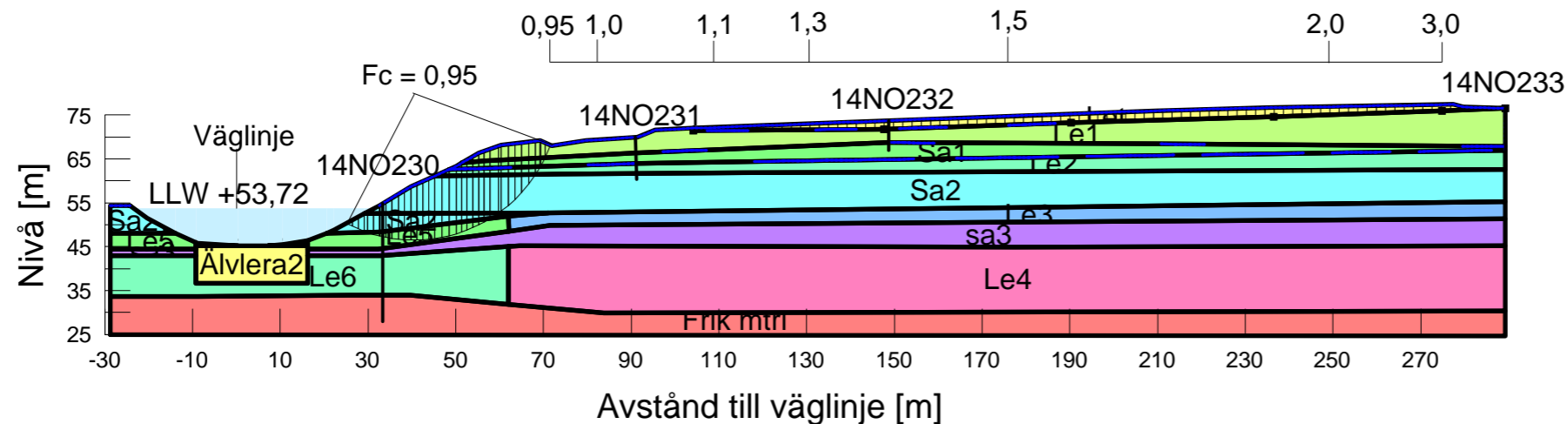
Name: Le2
 Model: S=f(depth)
 Unit Weight: 19.4 kN/m³
 C-Top of Layer: 45 kPa
 C-Rate of Change: 3 kPa/m
 Limiting C: 0 kPa

Name: Sa2
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °

Name: Le3
 Model: S=f(depth)
 Unit Weight: 20.5 kN/m³
 C-Top of Layer: 70 kPa
 C-Rate of Change: 3 kPa/m
 Limiting C: 0 kPa

Name: sa3
 Model: Mohr-Coulomb
 Unit Weight: 20.5 kN/m³
 Cohesion: 0 kPa
 Phi: 33 °

Name: Frik mtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °



Directory: N:\103\15\1031506\G\Beräkningar\Stabilitet\Mitt\20+177 E\
 File Name: 20+177E_Odrän.gsz



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 21/449 W
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-13
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1500 (A3)

Name: Let
 Model: Combined, S=f(depth)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 30 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Le1
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 20 kPa
 Cu-Rate of Change: 2.5 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Sa
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Phi: 36 °
 Piezometric Line: 1
 Cohesion: 0 kPa

Name: Frikmtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Phi: 36 °
 Piezometric Line: 1
 Cohesion: 0 kPa

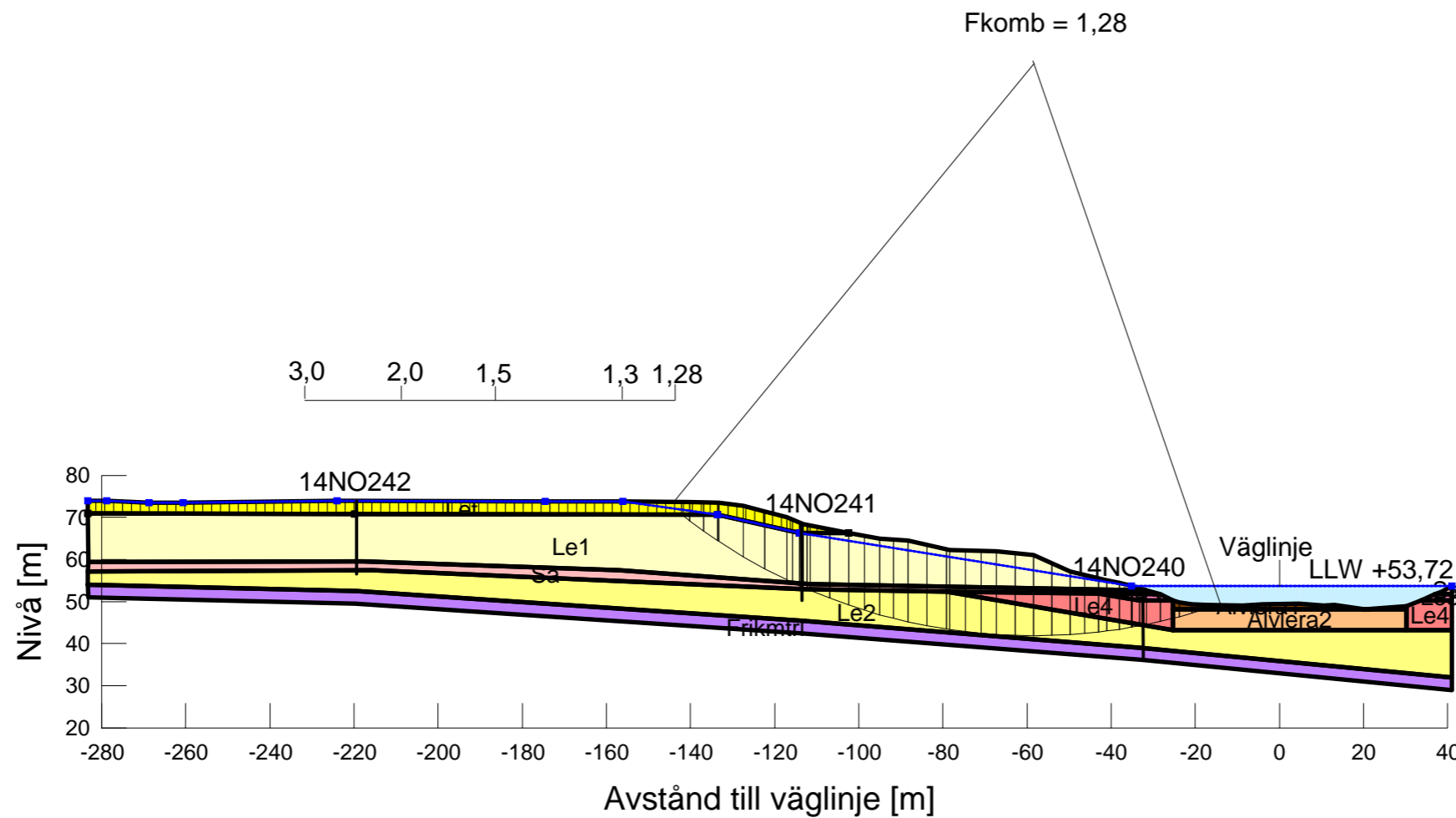
Name: Älvlera2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Rate of Change: 10.15 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1
 C-Datum: 0 kPa
 Cu-Datum: 3 kPa
 Elevation: 48.1 m

Name: Älvlera1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Le2
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 50 kPa
 Cu-Rate of Change: 2.5 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Le3
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 50 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1

Name: Le4
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Cu-Top of Layer: 35 kPa
 Cu-Rate of Change: 2.5 kPa/m
 C/Cu Ratio: 0.1
 Piezometric Line: 1



Directory: N:\103\15\1031506\G\Beräkningar\Stabilitet\Mitt\21+449 W\
 File Name: 21+449 W_Komb.gsz



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 21/449 W
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-06-13
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1500 (A3)

Name: Let
 Model: Undrained (Phi=0)
 Unit Weight: 20 kN/m³
 Cohesion: 30 kPa

Name: Le1
 Model: S=f(depth)
 Unit Weight: 19 kN/m³
 C-Top of Layer: 20 kPa
 C-Rate of Change: 2.5 kPa/m
 Limiting C: 0 kPa

Name: Sa
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °

Name: Frikmtrl
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °

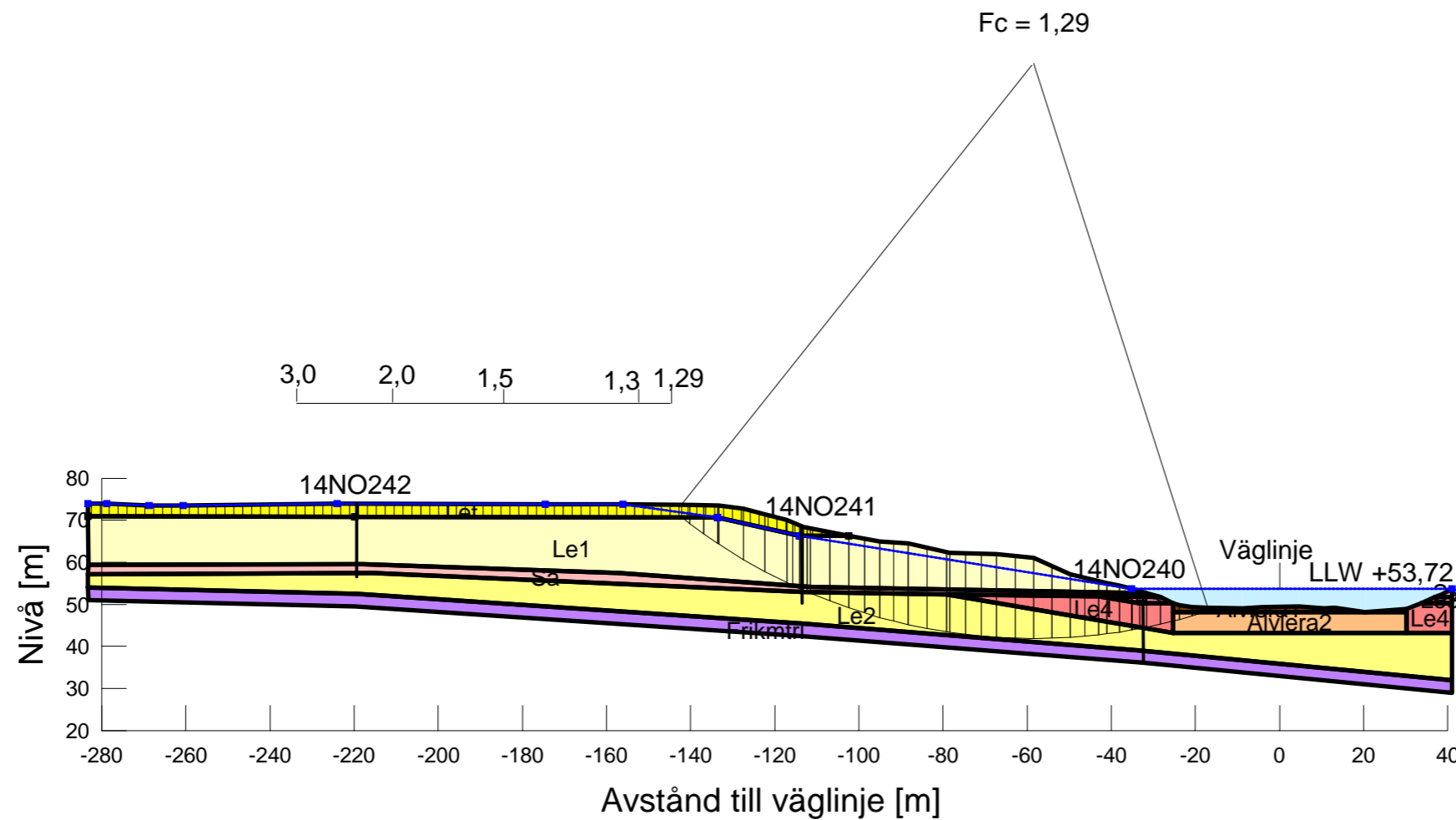
Name: Älvlera2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 C-Rate of Change: 10.15 kPa/m
 Limiting C: 52.75 kPa
 C-Datum: 3 kPa
 Elevation: 48.1 m

Name: Älvlera1
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa

Name: Le2
 Model: S=f(depth)
 Unit Weight: 19 kN/m³
 C-Top of Layer: 50 kPa
 C-Rate of Change: 2.5 kPa/m
 Limiting C: 0 kPa

Name: Le3
 Model: Undrained (Phi=0)
 Unit Weight: 19 kN/m³
 Cohesion: 50 kPa

Name: Le4
 Model: S=f(depth)
 Unit Weight: 19 kN/m³
 C-Top of Layer: 35 kPa
 C-Rate of Change: 2.5 kPa/m
 Limiting C: 0 kPa



Directory: N:\103\15\1031506\G\Beräkningar\Stabilitet\Mitt\21+449 W\
 File Name: 21+449 W_odrän.gsz

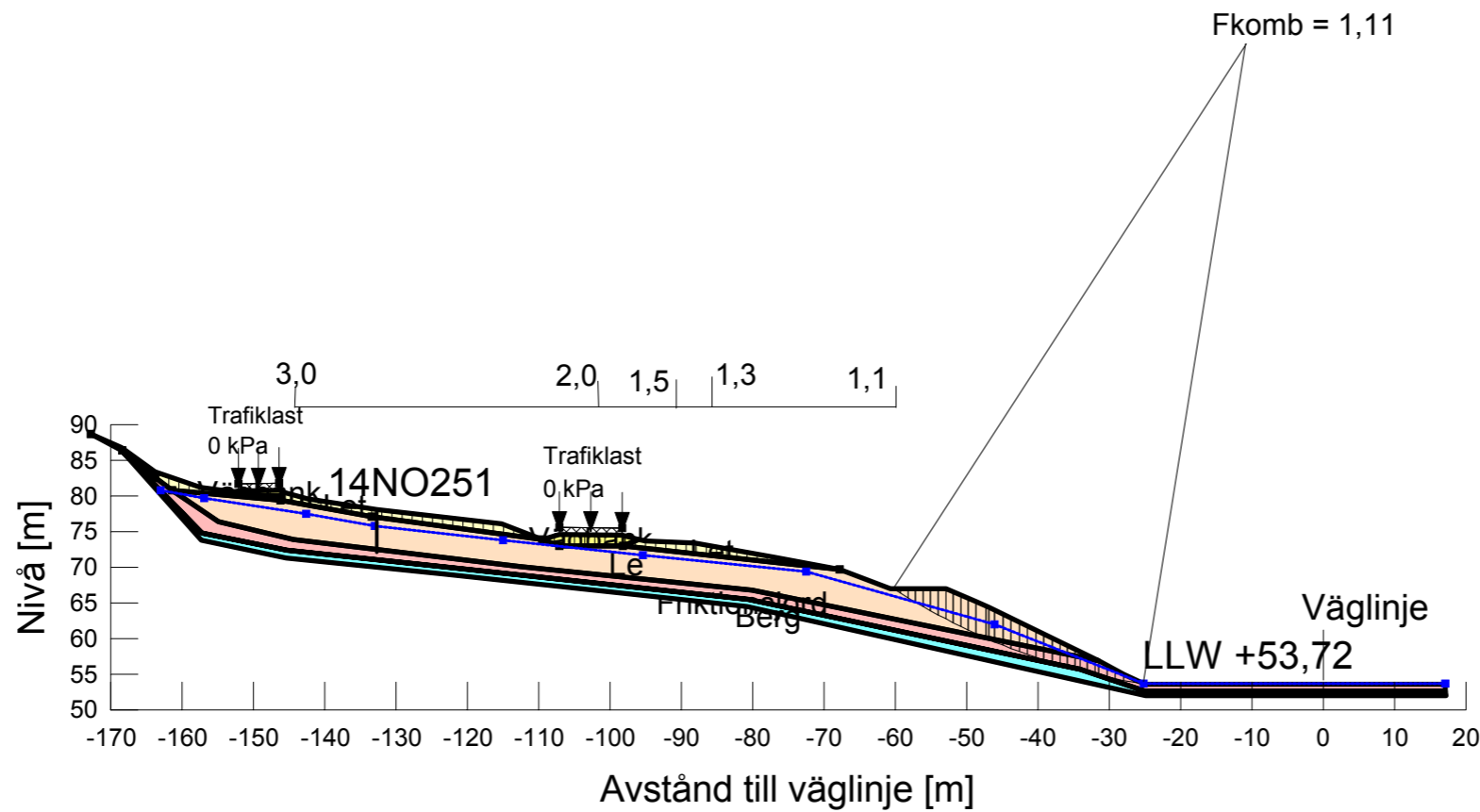


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 22/211 W
 Delområde: Mitt
 Analysmetod: Kombinerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-28
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1000 (A3)



Directory: N:\103\15\1031506\G\Beräkningar\Stabilitet\Mitt\22+211 W\
 File Name: 22+211W_Komb.gsz

Name: Vägbank
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 34 °
 Piezometric Line: 1

Name: Let
 Model: Combined, S=f(depth)
 Unit Weight: 20 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 Cu-Top of Layer: 25 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Le
 Model: Combined, S=f(depth)
 Unit Weight: 19 kN/m³
 Phi: 30 °
 Piezometric Line: 1
 Cu-Top of Layer: 20 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Friktingsjord
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Piezometric Line: 1

Name: Berg
 Model: Bedrock (Impenetrable)
 Piezometric Line: 1

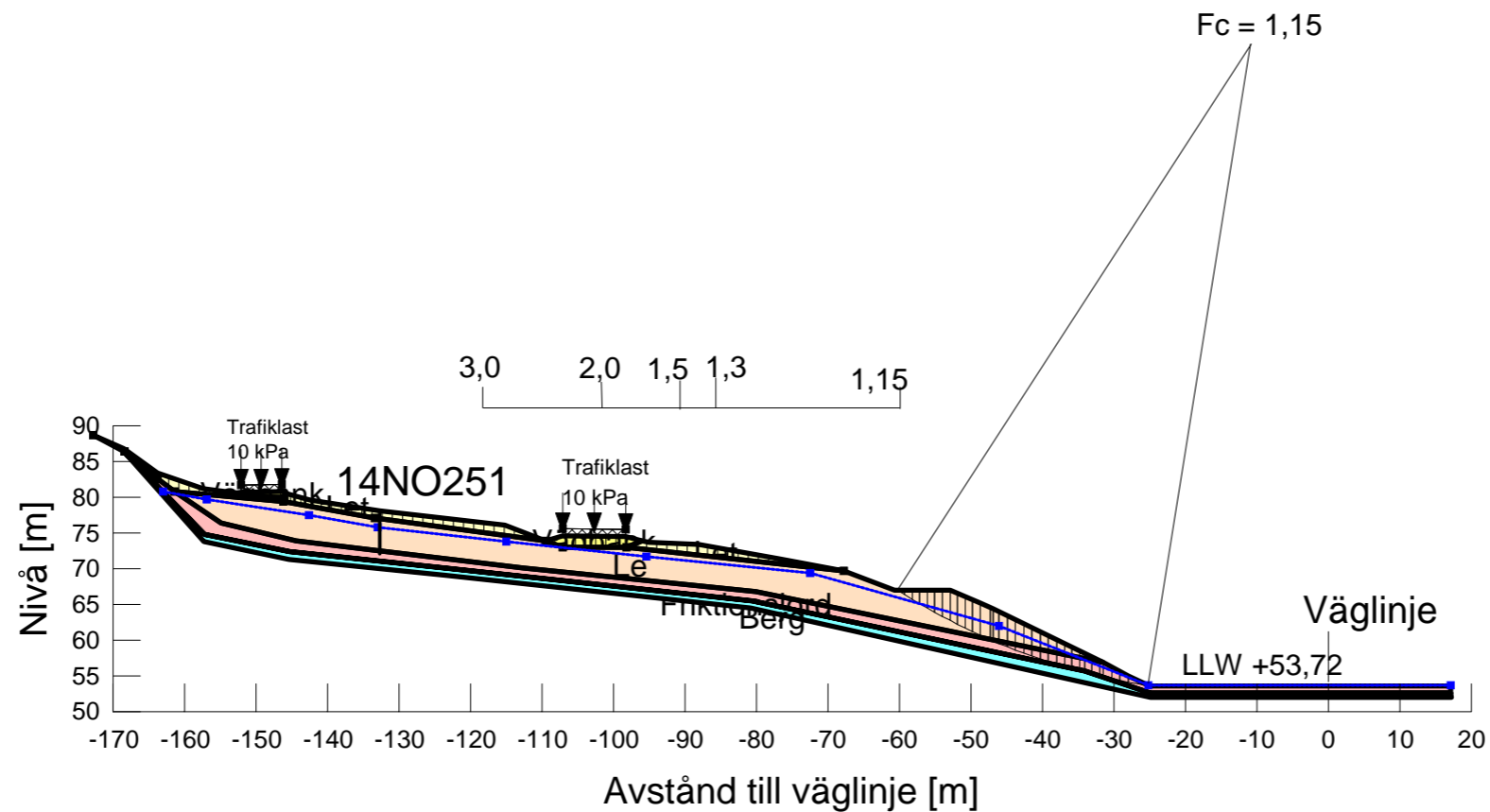


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 22/211 W
 Delområde: Mitt
 Analysmetod: Odränerad

Slip Surface Option: Grid and Radius
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-28
 Created By: Ismail Araz
 Last Edited By: Ismail Araz

Skala 1:1000 (A3)



Directory: N:\103\15\1031506\G\Beräkningar\Stabilitet\Mitt\22+211 W\
 File Name: 22+211W_Odrän.gsz

Name: Vägbank
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 34 °
 Piezometric Line: 1

Name: Let
 Model: Undrained (Phi=0)
 Unit Weight: 20 kN/m³
 Cohesion: 25 kPa
 Piezometric Line: 1

Name: Le
 Model: Undrained (Phi=0)
 Unit Weight: 19 kN/m³
 Cohesion: 20 kPa
 Piezometric Line: 1

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °
 Piezometric Line: 1

Name: Berg
 Model: Bedrock (Impenetrable)
 Piezometric Line: 1



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 24/468 N
 Delområde: Norr
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-05-16
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Name: Älvlera 1
 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: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Älvlera 2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 10.8 kPa/m
 C/Cu Ratio: 0.1
 Cu-Datum: 3 kPa
 Elevation: 59.5 m

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Phi: 35 °
 Cohesion: 0 kPa

Name: Let Söder
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 45 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Le 2
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 22 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Le 1
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 45 kPa
 Cu-Rate of Change: -7.7 kPa/m
 C/Cu Ratio: 0.1

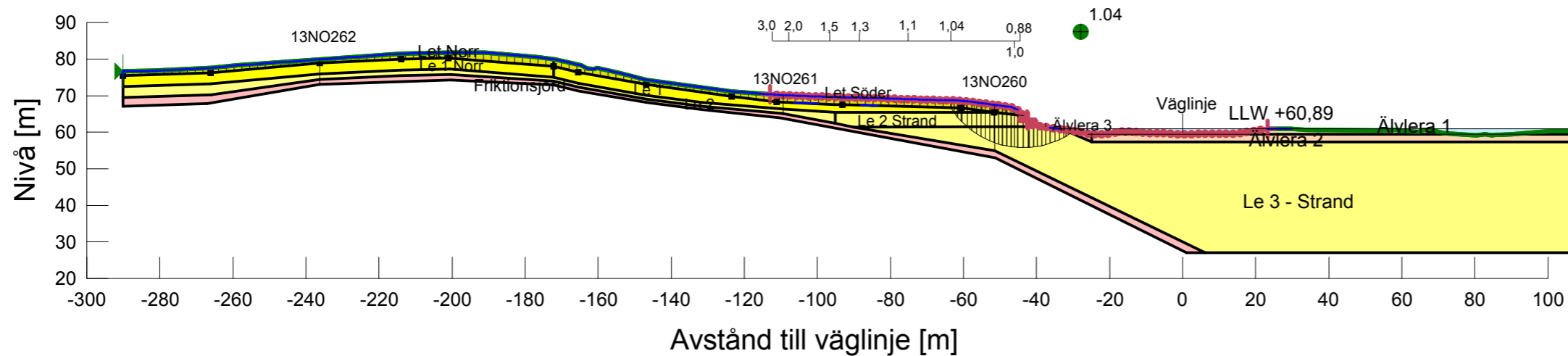
Name: Le 3 - Strand
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 1.1 kPa/m
 C/Cu Ratio: 0.1
 Cu-Datum: 22 kPa
 Elevation: 61.5 m

Name: Älvlera 3
 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: 3 kPa
 Cu-Rate of Change: 10.8 kPa/m
 C/Cu Ratio: 0.1

Name: Le 1 Norr
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 50 kPa
 Cu-Rate of Change: -9.3 kPa/m
 C/Cu Ratio: 0.1

Name: Let Norr
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 50 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Le 2 Strand
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: -2 kPa/m
 C/Cu Ratio: 0.1
 Cu-Datum: 30 kPa
 Elevation: 65.5 m





KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 24/468 N
 Delområde: Norr
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-05-16
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Cohesion: 0 kPa
 Phi: 35 °

Name: Älvlera 1
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa

Name: Älvlera 2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 C-Datum: 3 kPa
 C-Rate of Change: 10.8 kPa/m
 Limiting C: 26.8 kPa
 Elevation: 59.5 m

Name: Let Söder
 Model: Undrained (Phi=0)
 Unit Weight: 18 kN/m³
 Cohesion: 45 kPa

Name: Le 2
 Model: Undrained (Phi=0)
 Unit Weight: 18 kN/m³
 Cohesion: 22 kPa

Name: Le 1
 Model: S=f(depth)
 Unit Weight: 18 kN/m³
 C-Rate of Change: -7.7 kPa/m
 Limiting C: 22 kPa
 C-Top of Layer: 45 kPa

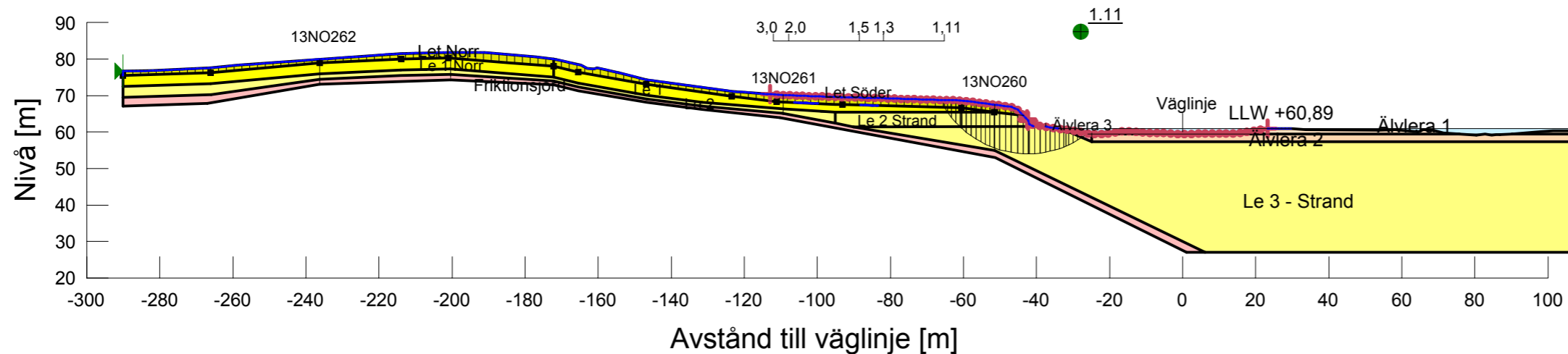
Name: Le 3 - Strand
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 C-Datum: 22 kPa
 C-Rate of Change: 1.1 kPa/m
 Limiting C: 60 kPa
 Elevation: 61.5 m

Name: Älvlera 3
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 C-Rate of Change: 10.8 kPa/m
 Limiting C: 26.8 kPa
 C-Top of Layer: 3 kPa

Name: Le 1 Norr
 Model: S=f(depth)
 Unit Weight: 18 kN/m³
 C-Rate of Change: -9.3 kPa/m
 Limiting C: 22 kPa
 C-Top of Layer: 50 kPa

Name: Let Norr
 Model: Undrained (Phi=0)
 Unit Weight: 18 kN/m³
 Cohesion: 50 kPa

Name: Le 2 Strand
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 C-Datum: 30 kPa
 C-Rate of Change: -2 kPa/m
 Limiting C: 22 kPa
 Elevation: 65.5 m



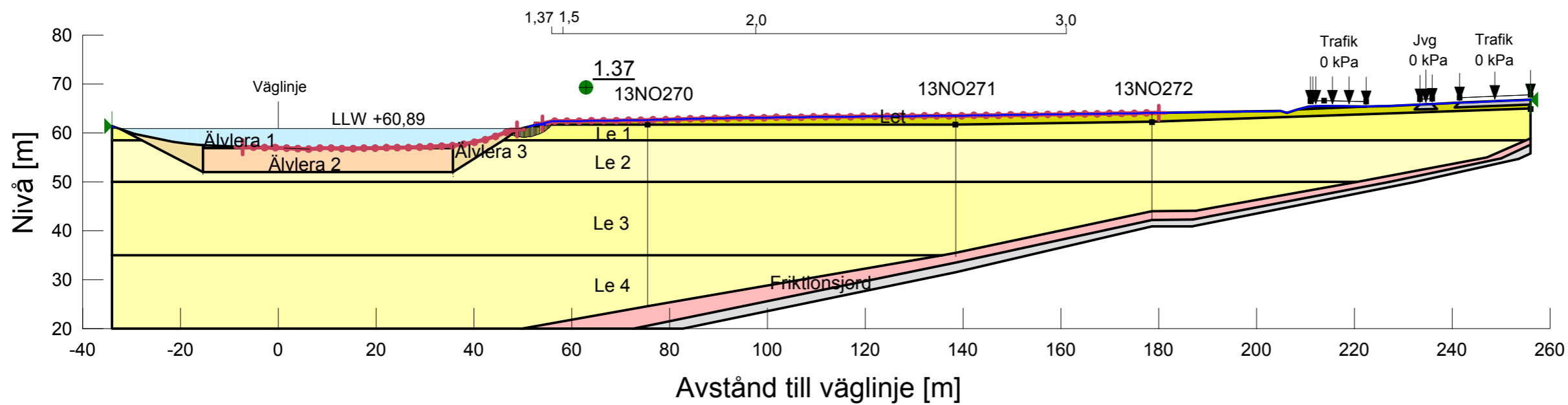


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 25/600 W
 Delområde: Norr
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-05-13
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1000 (A3)



Name: Le 1
 Model: Combined, S=f(datum)
 Unit Weight: 17.5 kN/m³
 Phi: 30 °
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 12 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 62 m

Name: Le 2
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 12 kPa
 Cu-Rate of Change: 1 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 58.5 m

Name: Älvlera 1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa

Name: Älvlera 2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Datum: 3 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 3 kPa
 Cu-Rate of Change: 3.2 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 56.9 m

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Phi: 35 °
 Cohesion: 0 kPa

Name: Berg
 Model: Bedrock (Impenetrable)

Name: Älvlera 3
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 3.2 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa

Name: Le 3
 Model: Combined, S=f(datum)
 Unit Weight: 18.5 kN/m³
 Phi: 30 °
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 20.5 kPa
 Cu-Rate of Change: 1.6 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 50 m

Name: Let
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa

Name: Le 4
 Model: Combined, S=f(datum)
 Unit Weight: 18.5 kN/m³
 Phi: 30 °
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 45 kPa
 Cu-Rate of Change: 1 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 35 m

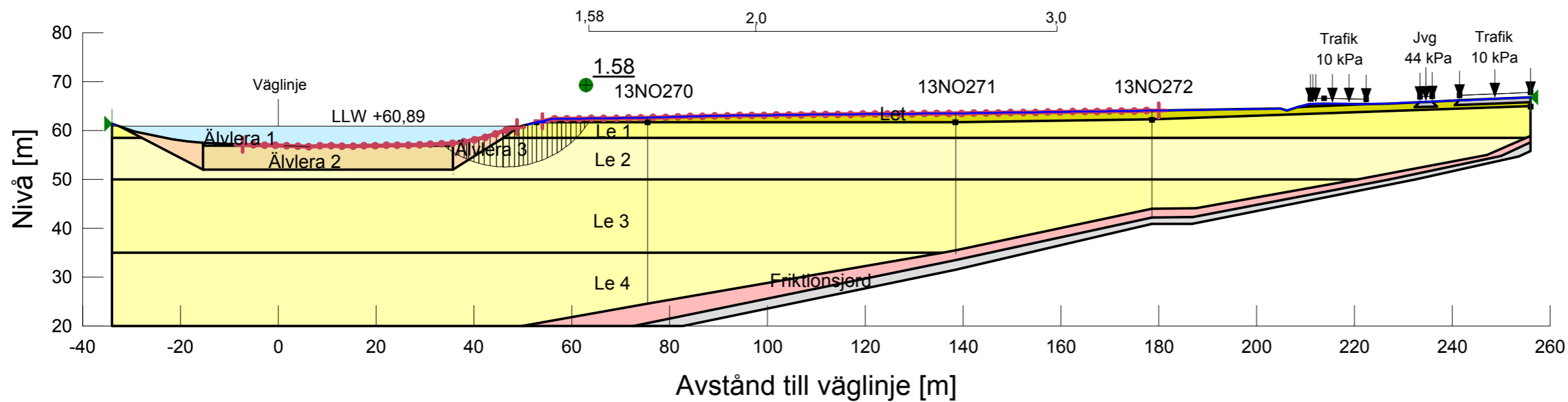
Name: Bank
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Phi: 34 °
 Cohesion: 0 kPa



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 25/600 W
 Delområde: Norr
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-06-19
 Created By: Rudebeck David
 Last Edited By: Rudebeck David



Name: Le 1 Komb
 Model: Combined, S=f(datum)
 Unit Weight: 17.5 kN/m³
 Phi: 30 °
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Datum: 12 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 Elevation: 62 m

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Phi: 35 °
 Cohesion: 0 kPa

Name: Berg
 Model: Bedrock (Impenetrable)

Name: Bank
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Phi: 34 °
 Cohesion: 0 kPa

Name: Le 1
 Model: Undrained (Phi=0)
 Unit Weight: 17.5 kN/m³
 Cohesion: 12 kPa

Name: Le 2
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 C-Datum: 12 kPa
 C-Rate of Change: 1 kPa/m
 Elevation: 58.5 m
 Limiting C: 20.5 kPa

Name: Älvlera 1
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa

Name: Älvlera 3
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 C-Rate of Change: 3.2 kPa/m
 Limiting C: 18.5 kPa
 C-Top of Layer: 3 kPa

Name: Älvlera 2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 C-Datum: 3 kPa
 C-Rate of Change: 3.2 kPa/m
 Elevation: 56.9 m
 Limiting C: 18.5 kPa

Name: Le 3
 Model: S=f(datum)
 Unit Weight: 18.5 kN/m³
 C-Datum: 20.5 kPa
 C-Rate of Change: 1.6 kPa/m
 Elevation: 50 m
 Limiting C: 44.5 kPa

Name: Let
 Model: Undrained (Phi=0)
 Unit Weight: 18 kN/m³
 Cohesion: 20 kPa

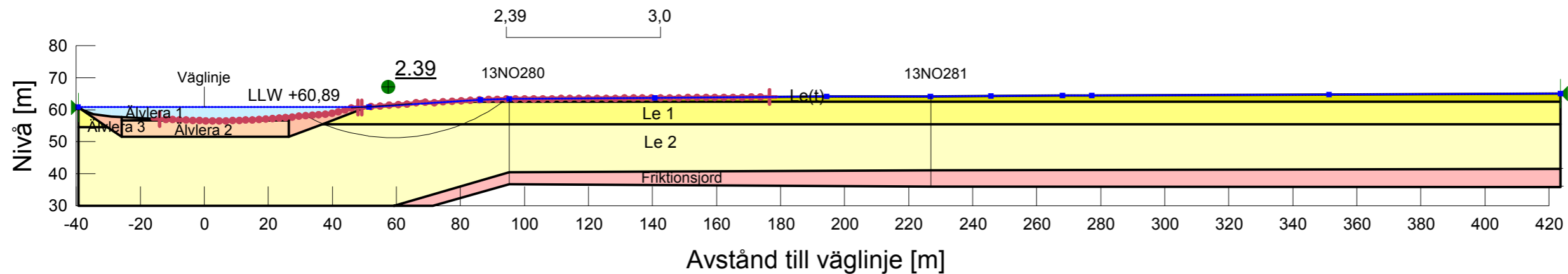
Name: Le 4
 Model: S=f(datum)
 Unit Weight: 18.5 kN/m³
 C-Datum: 45 kPa
 C-Rate of Change: 1 kPa/m
 Elevation: 35 m
 Limiting C: 60 kPa



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 26/081 S
 Delområde: Norr
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-12
 Created By: Rudebeck David
 Last Edited By: Rudebeck David



Name: Le 1 Od
 Model: S=f(datum)
 Unit Weight: 17 kN/m³
 C-Datum: 10 kPa
 C-Rate of Change: 0.5 kPa/m
 Limiting C: 13.5 kPa
 Elevation: 62.5 m
 Piezometric Line: 1

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 20 kN/m³
 Piezometric Line: 1
 Cohesion: 0 kPa
 Phi: 35 °

Name: Le 1
 Model: Combined, S=f(datum)
 Unit Weight: 17 kN/m³
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Elevation: 62.5 m
 Piezometric Line: 1
 Phi: 30 °
 Cu-Datum: 10 kPa
 Cu-Rate of Change: 0.5 kPa/m
 C/Cu Ratio: 0.1

Name: Le 2
 Model: Combined, S=f(datum)
 Unit Weight: 18 kN/m³
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Elevation: 55.5 m
 Piezometric Line: 1
 Phi: 30 °
 Cu-Datum: 13.5 kPa
 Cu-Rate of Change: 1.8 kPa/m
 C/Cu Ratio: 0.1

Name: Älvlera 1
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 C-Rate of Change: 0 kPa/m
 Piezometric Line: 1
 Phi: 30 °
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa
 Cu-Top of Layer: 3 kPa

Name: Älvlera 2
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 C-Datum: 0 kPa
 C-Rate of Change: 0 kPa/m
 Elevation: 56.7 m
 Piezometric Line: 1
 Phi: 30 °
 Cu-Datum: 3 kPa
 Cu-Rate of Change: 3.25 kPa/m
 C/Cu Ratio: 0.1

Name: Älvlera 3
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 C-Rate of Change: 0 kPa/m
 Piezometric Line: 1
 Phi: 30 °
 Cu-Rate of Change: 3.25 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa
 Cu-Top of Layer: 3 kPa

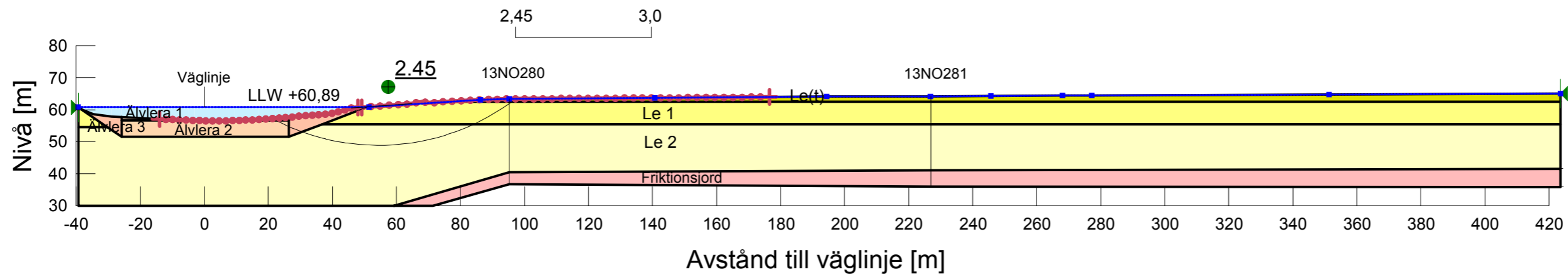
Name: Le(t)
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 C-Rate of Change: 0 kPa/m
 Piezometric Line: 1
 Phi: 30 °
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
 C-Top of Layer: 0 kPa
 Cu-Top of Layer: 20 kPa



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 26/081 S
 Delområde: Norr
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-12
 Created By: Rudebeck David
 Last Edited By: Rudebeck David



Name: Le 1
 Unit Weight: 17 kN/m³
 C-Datum: 10 kPa
 C-Rate of Change: 0.5 kPa/m
 Limiting C: 13.5 kPa
 Elevation: 62.5 m
 Piezometric Line: 1

Name: Le 2
 Unit Weight: 18 kN/m³
 C-Datum: 13.5 kPa
 C-Rate of Change: 1.8 kPa/m
 Limiting C: 59.4 kPa
 Elevation: 55.5 m
 Piezometric Line: 1

Name: Älvlera 1
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 Cohesion: 3 kPa

Name: Älvlera 2
 Unit Weight: 16 kN/m³
 C-Datum: 3 kPa
 C-Rate of Change: 3.4 kPa/m
 Limiting C: 20.7 kPa
 Elevation: 56.7 m
 Piezometric Line: 1

Name: Friktionsjord
 Unit Weight: 20 kN/m³
 Piezometric Line: 1
 Cohesion: 0 kPa
 Phi: 35 °

Name: Älvlera 3
 Unit Weight: 16 kN/m³
 C-Rate of Change: 3.4 kPa/m
 Limiting C: 20.7 kPa
 Piezometric Line: 1
 C-Top of Layer: 3 kPa

Name: Le(t)
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 Cohesion: 10 kPa



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 27/389 N
 Delområde: Norr
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-05-12
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Skala 1:1500 (A3)

Name: Friktionsjord
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °

Name: Fyllnadsmaterial
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 34 °

Name: Älvlera 1
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Älvlera 2
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 5.2 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 3 kPa
 Elevation: 57.4 m

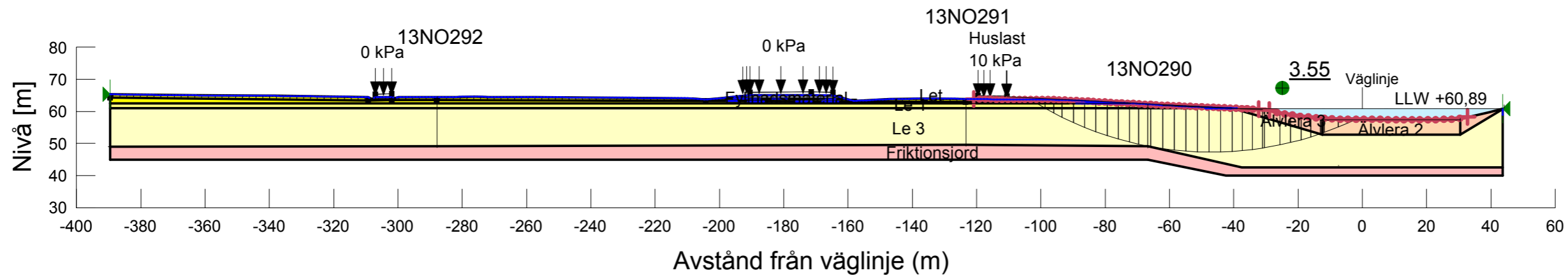
Name: Älvlera 3
 Unit Weight: 16 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 5.2 kPa/m
 C/Cu Ratio: 0.1

Name: Le 1
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 30 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

Name: Le 2
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: -11.3 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 30 kPa
 Elevation: 62.5 m

Name: Le 3
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 1.7 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 13 kPa
 Elevation: 61 m

Name: Let
 Unit Weight: 18 kN/m³
 Phi: 30 °
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 30 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1

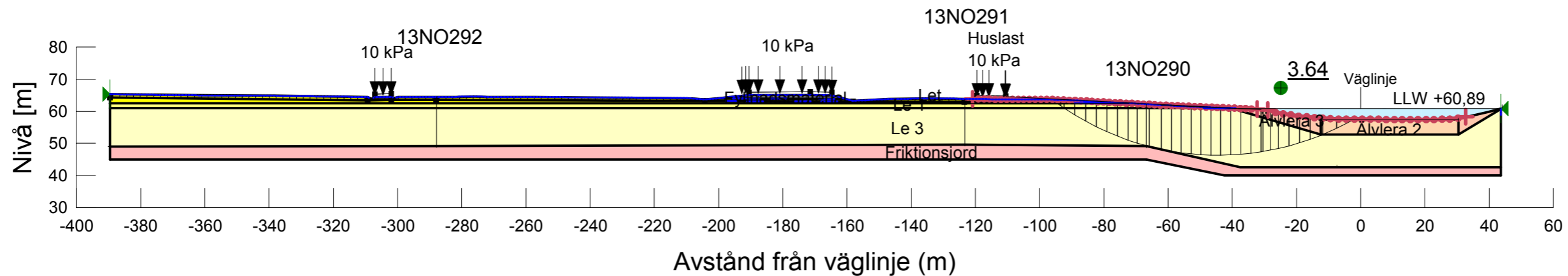




KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 27/389 N
 Delområde: Norr
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Pressure Head Spatial Function
 Date: 2014-05-12
 Created By: Rudebeck David
 Last Edited By: Rudebeck David



Name: Le 2
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 C-Datum: 30 kPa
 C-Rate of Change: -11.3 kPa/m
 Limiting C: 13 kPa
 Elevation: 62.5 m

Name: Le 3
 Model: S=f(datum)
 Unit Weight: 18 kN/m³
 C-Datum: 13 kPa
 C-Rate of Change: 1.7 kPa/m
 Limiting C: 44.5 kPa
 Elevation: 61 m

Name: Älvlera 1
 Model: Undrained (Phi=0)
 Unit Weight: 16 kN/m³
 Cohesion: 3 kPa

Name: Älvlera 2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 C-Datum: 3 kPa
 C-Rate of Change: 5.2 kPa/m
 Limiting C: 27 kPa
 Elevation: 57.4 m

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36 °

Name: Let
 Model: Undrained (Phi=0)
 Unit Weight: 18 kN/m³
 Cohesion: 30 kPa

Name: Fyllnadsmaterial
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 34 °

Name: Älvlera 3
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 C-Rate of Change: 5.2 kPa/m
 Limiting C: 27 kPa
 C-Top of Layer: 3 kPa

Name: Le 1
 Model: Undrained (Phi=0)
 Unit Weight: 18 kN/m³
 Cohesion: 30 kPa

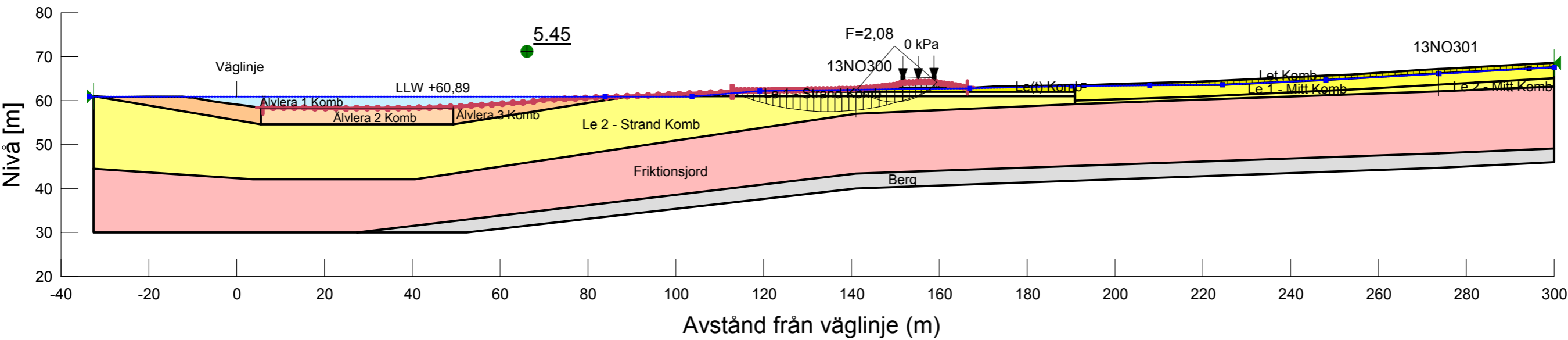


KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 27/749 E
 Delområde: Norr
 Analysmetod: Kombinerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-13
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

- Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Cohesion: 0 kPa
 Phi: 36°
 Piezometric Line: 1
- Name: Berg
 Model: Bedrock (Impenetrable)
 Piezometric Line: 1
- Name: Fyllnadsmaterial
 Model: Mohr-Coulomb
 Unit Weight: 19 kN/m³
 Cohesion: 0 kPa
 Phi: 34°
 Piezometric Line: 1
- Name: Älvlera 1 Komb
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30°
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
- Name: Älvlera 2 Komb
 Model: Combined, S=f(datum)
 Unit Weight: 16 kN/m³
 Phi: 10°
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 6.5 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 3 kPa
 Elevation: 58.2 m
- Name: Älvlera 3 Komb
 Model: Combined, S=f(depth)
 Unit Weight: 16 kN/m³
 Phi: 30°
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 3 kPa
 Cu-Rate of Change: 6.5 kPa/m
 C/Cu Ratio: 0.1
- Name: Le(t) Komb
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 20°
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 20 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
- Name: Le 1 - Strand Komb
 Model: Combined, S=f(datum)
 Unit Weight: 17.5 kN/m³
 Phi: 30°
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: -12 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 20 kPa
 Elevation: 62 m
- Name: Le 2 - Strand Komb
 Model: Combined, S=f(datum)
 Unit Weight: 17.5 kN/m³
 Phi: 30°
 Piezometric Line: 1
 C-Rate of Change: 0 kPa/m
 Cu-Rate of Change: 3.7 kPa/m
 C/Cu Ratio: 0.1
 C-Datum: 0 kPa
 Cu-Datum: 8 kPa
 Elevation: 61 m
- Name: Let Komb
 Model: Combined, S=f(depth)
 Unit Weight: 18 kN/m³
 Phi: 30°
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 50 kPa
 Cu-Rate of Change: 0 kPa/m
 C/Cu Ratio: 0.1
- Name: Le 1 - Mitt Komb
 Model: Combined, S=f(depth)
 Unit Weight: 17 kN/m³
 Phi: 30°
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 50 kPa
 Cu-Rate of Change: -10 kPa/m
 C/Cu Ratio: 0.1
- Name: Le 2 - Mitt Komb
 Model: Combined, S=f(depth)
 Unit Weight: 17 kN/m³
 Phi: 30°
 Piezometric Line: 1
 C-Top of Layer: 0 kPa
 C-Rate of Change: 0 kPa/m
 Cu-Top of Layer: 25 kPa
 Cu-Rate of Change: 4 kPa/m
 C/Cu Ratio: 0.1



Directory: N:\103\15\1031506\G\Beräkningar\Stabilitet\Norr\27+749 E\
 File Name: Sekt27+749E_Komb.gsz



KLIMATANPASSNING SKREDRISKKARTERING, NORSÄLVEN

Sektion: 27/749 E
 Delområde: Norr
 Analysmetod: Odränerad

Slip Surface Option: Entry and Exit
 Method: Morgenstern-Price
 PWP Conditions Source: Piezometric Line
 Date: 2014-05-13
 Created By: Rudebeck David
 Last Edited By: Rudebeck David

Name: Le 2 - Strand
 Model: S=f(datum)
 Unit Weight: 17,5 kN/m³
 C-Datum: 8 kPa
 C-Rate of Change: 3,67 kPa/m
 Limiting C: 80 kPa
 Elevation: 61 m
 Piezometric Line: 1

Name: Le 1 - Strand
 Model: S=f(datum)
 Unit Weight: 17,5 kN/m³
 C-Datum: 20 kPa
 C-Rate of Change: -12 kPa/m
 Limiting C: 8 kPa
 Elevation: 62 m
 Piezometric Line: 1

Name: Älvlera 1
 Model: Mohr-Coulomb
 Unit Weight: 16 kN/m³
 Piezometric Line: 1
 Cohesion: 3 kPa
 Phi: 0 °

Name: Älvlera 2
 Model: S=f(datum)
 Unit Weight: 16 kN/m³
 C-Datum: 3 kPa
 C-Rate of Change: 6,5 kPa/m
 Limiting C: 30,8 kPa
 Elevation: 58,2 m
 Piezometric Line: 1

Name: Friktionsjord
 Model: Mohr-Coulomb
 Unit Weight: 21 kN/m³
 Piezometric Line: 1
 Cohesion: 0 kPa
 Phi: 36 °

Name: Berg
 Model: Bedrock (Impenetrable)
 Piezometric Line: 1

Name: Let
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 Cohesion: 50 kPa
 Phi: 0 °

Name: Le 2 - Mitt
 Model: S=f(depth)
 Unit Weight: 17 kN/m³
 C-Rate of Change: 4 kPa/m
 Limiting C: 35 kPa
 Piezometric Line: 1
 C-Top of Layer: 25 kPa

Name: Le 1 - Mitt
 Model: S=f(depth)
 Unit Weight: 17 kN/m³
 C-Rate of Change: -10 kPa/m
 Limiting C: 25 kPa
 Piezometric Line: 1
 C-Top of Layer: 50 kPa

Name: Fyllnadsmaterial
 Model: Mohr-Coulomb
 Unit Weight: 19 kN/m³
 Piezometric Line: 1
 Cohesion: 0 kPa
 Phi: 34 °

Name: Älvlera 3
 Model: S=f(depth)
 Unit Weight: 16 kN/m³
 C-Rate of Change: 6,5 kPa/m
 Limiting C: 30,8 kPa
 Piezometric Line: 1
 C-Top of Layer: 3 kPa

Name: Le(t)
 Model: Mohr-Coulomb
 Unit Weight: 18 kN/m³
 Piezometric Line: 1
 Cohesion: 20 kPa
 Phi: 0 °

