

**STABILITETSKARTERING**

Göteborgs stad

72935WKS (H199-K1)

Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
 Glidytor: Grid and Radius (optimization: Yes)  
 GW & portryck: Pressure Head Spatial Function  
 Filnamn: 72935WKS\_H199-K1.gsz  
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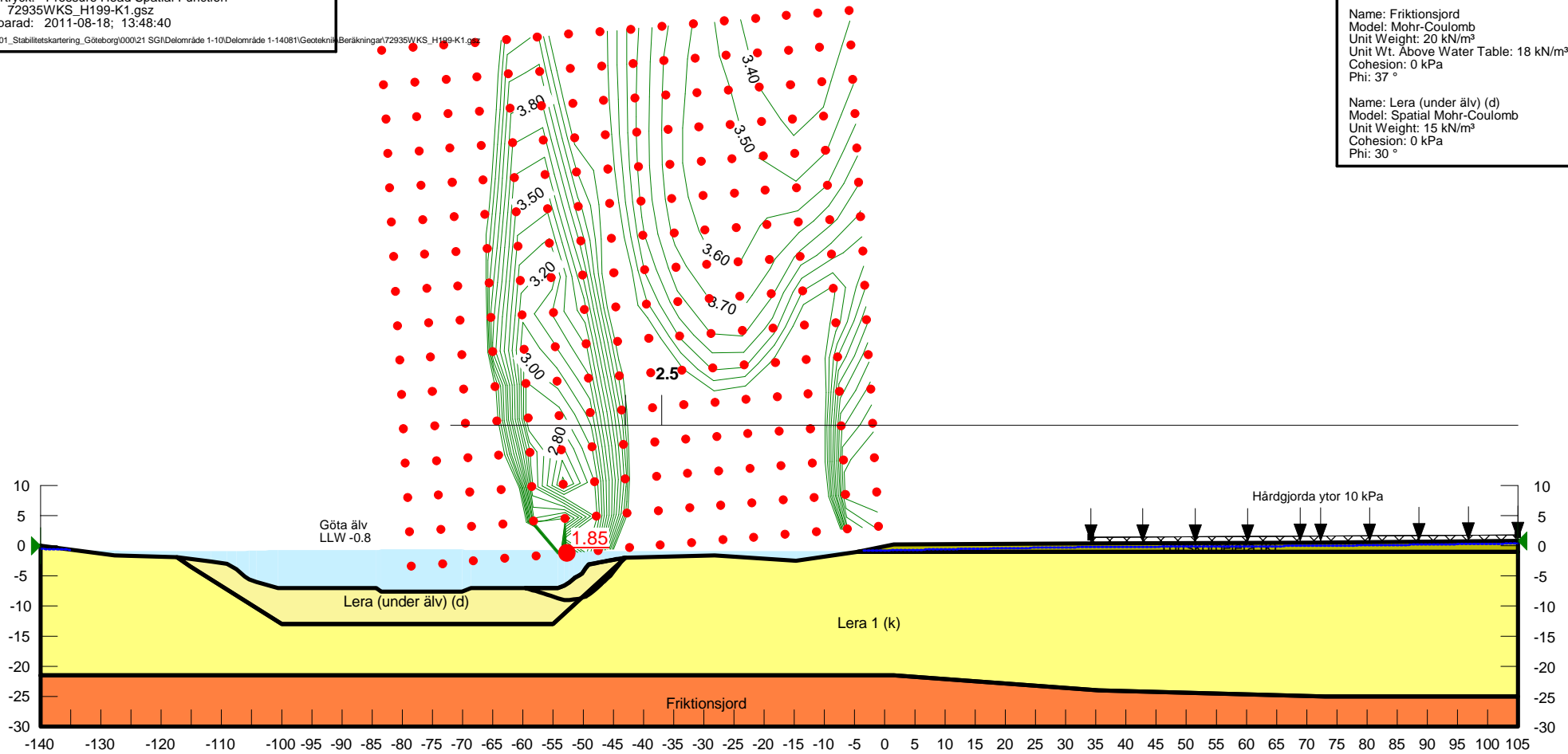
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Name: Torrsorpelera (k)  
 Model: Combined, S=f(depth)  
 Unit Weight: 16 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 10 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Lera 1 (k)  
 Model: Combined, S=f(datum)  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Datum: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Datum: 10 kPa  
 Cu-Rate of Change: 0.8 kPa/m  
 C/Cu Ratio: 0.1  
 Elevation: 9 m

Name: Friktionsjord  
 Model: Mohr-Coulomb  
 Unit Weight: 20 kN/m<sup>3</sup>  
 Unit Wt. Above Water Table: 18 kN/m<sup>3</sup>  
 Cohesion: 0 kPa  
 Phi: 37 °

Name: Lera (under älv) (d)  
 Model: Spatial Mohr-Coulomb  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Cohesion: 0 kPa  
 Phi: 30 °



**STABILITETSKARTERING**

Göteborgs stad

72935WUS (H199-K1)

Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
 Glidytor: Grid and Radius (optimization: Yes)  
 GW & portryck: Pressure Head Spatial Function  
 Filnamn: 72935WUS\_H199-K1.gsz  
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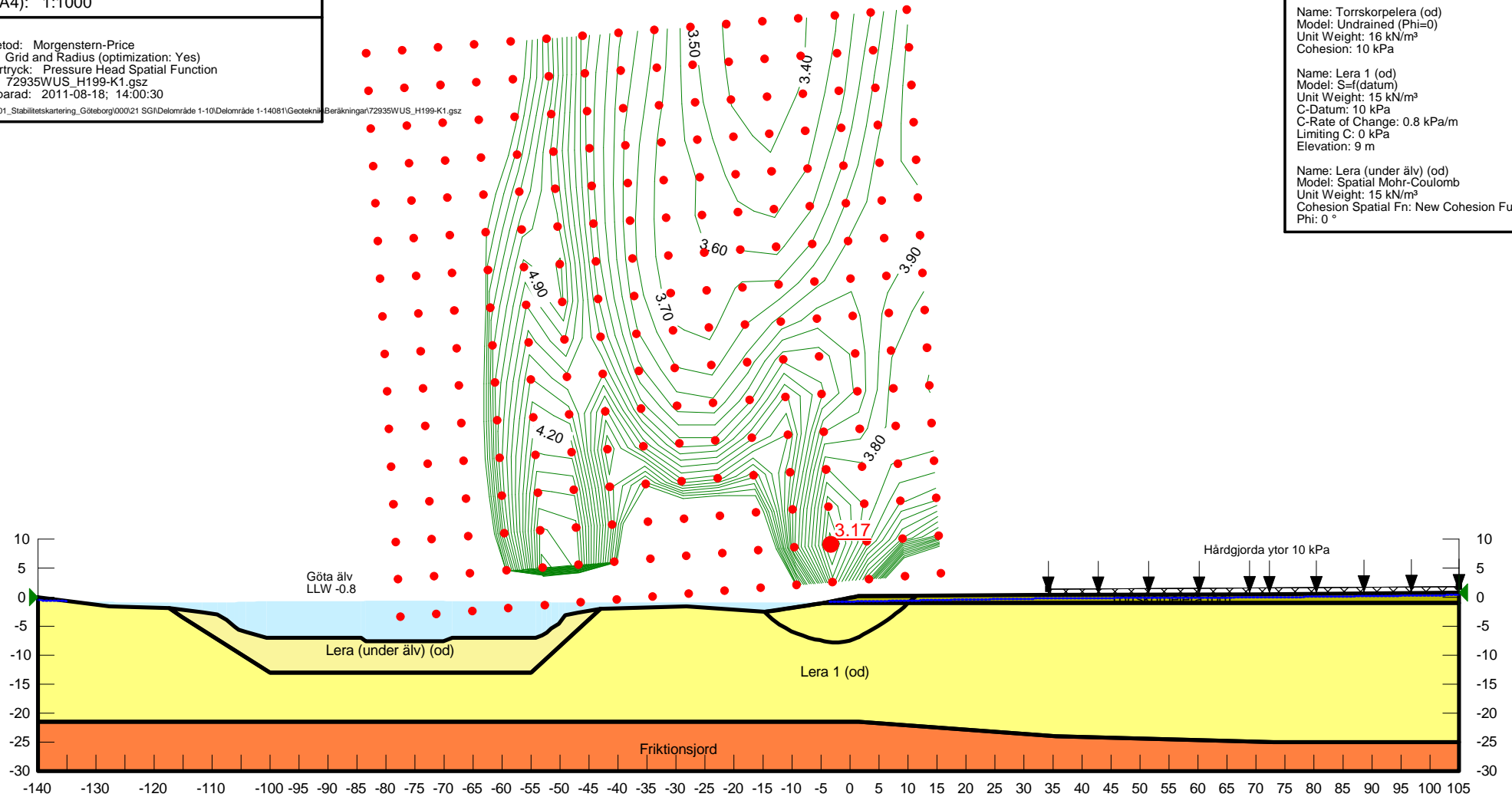
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Name: Friktionsjord  
 Model: Mohr-Coulomb  
 Unit Weight: 20 kN/m<sup>3</sup>  
 Unit Wt. Above Water Table: 18 kN/m<sup>3</sup>  
 Cohesion: 0 kPa  
 Phi: 37 °

Name: Torrskorpelera (od)  
 Model: Undrained (Phi=0)  
 Unit Weight: 16 kN/m<sup>3</sup>  
 Cohesion: 10 kPa

Name: Lera 1 (od)  
 Model: S=f(datum)  
 Unit Weight: 15 kN/m<sup>3</sup>  
 C-Datum: 10 kPa  
 C-Rate of Change: 0.8 kPa/m  
 Limiting C: 0 kPa  
 Elevation: 9 m

Name: Lera (under älv) (od)  
 Model: Spatial Mohr-Coulomb  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Cohesion Spatial Fn: New Cohesion Function  
 Phi: 0 °



**STABILITETSKARTERING**

Göteborgs stad

73460WKS (H199-K2)

Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
 Glidytor: Grid and Radius (optimization: Yes)  
 GW & portryck: Pressure Head Spatial Function  
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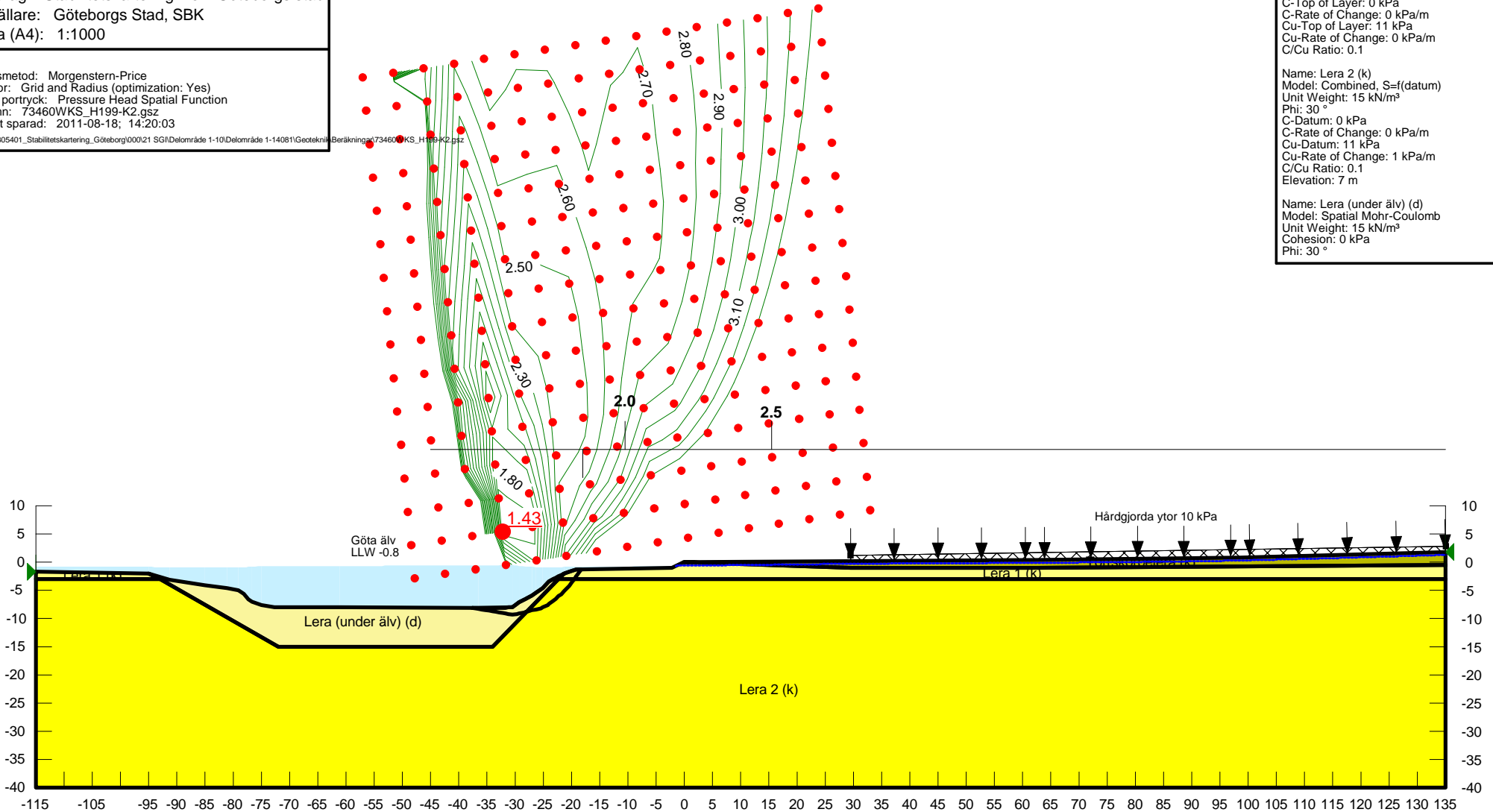
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Name: Torrskorpelera (k)  
 Model: Combined, S=f(depth)  
 Unit Weight: 16 kN/m<sup>3</sup>  
 Phi: 30°  
 C-Top of Layer: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 11 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Lera 1 (k)  
 Model: Combined, S=f(depth)  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Phi: 30°  
 C-Top of Layer: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 11 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Lera 2 (k)  
 Model: Combined, S=f(datum)  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Phi: 30°  
 C-Datum: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Datum: 11 kPa  
 Cu-Rate of Change: 1 kPa/m  
 C/Cu Ratio: 0.1  
 Elevation: 7 m

Name: Lera (under älv) (d)  
 Model: Spatial Mohr-Coulomb  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Cohesion: 0 kPa  
 Phi: 30°





**STABILITETSKARTERING**  
Göteborgs stad

**73460WUS (H199-K2)**  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Girdytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
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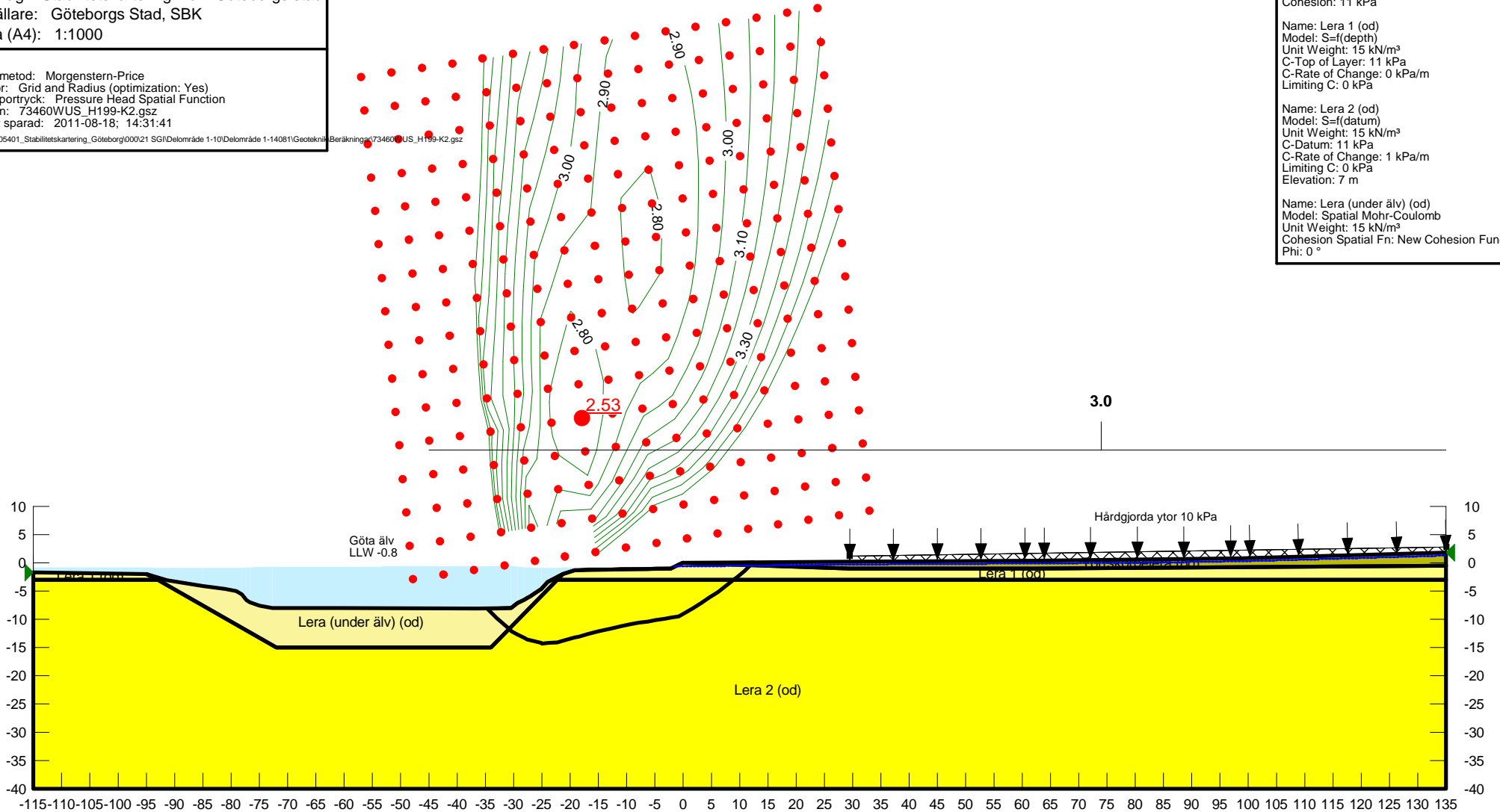
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Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 11 kPa

Name: Lera 1 (od)  
Model: S=l(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Top of Layer: 11 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=l(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Datum: 11 kPa  
C-Rate of Change: 1 kPa/m  
Limiting C: 0 kPa  
Elevation: 7 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°



**STABILITETSKARTERING**

Göteborgs stad

**73785WKS (H199-K3)**  
**Kombinerad analys (d)**

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
Filnamn: 73785WKS\_H199-K3.gsz  
Senast sparad: 2011-08-18; 15:14:17

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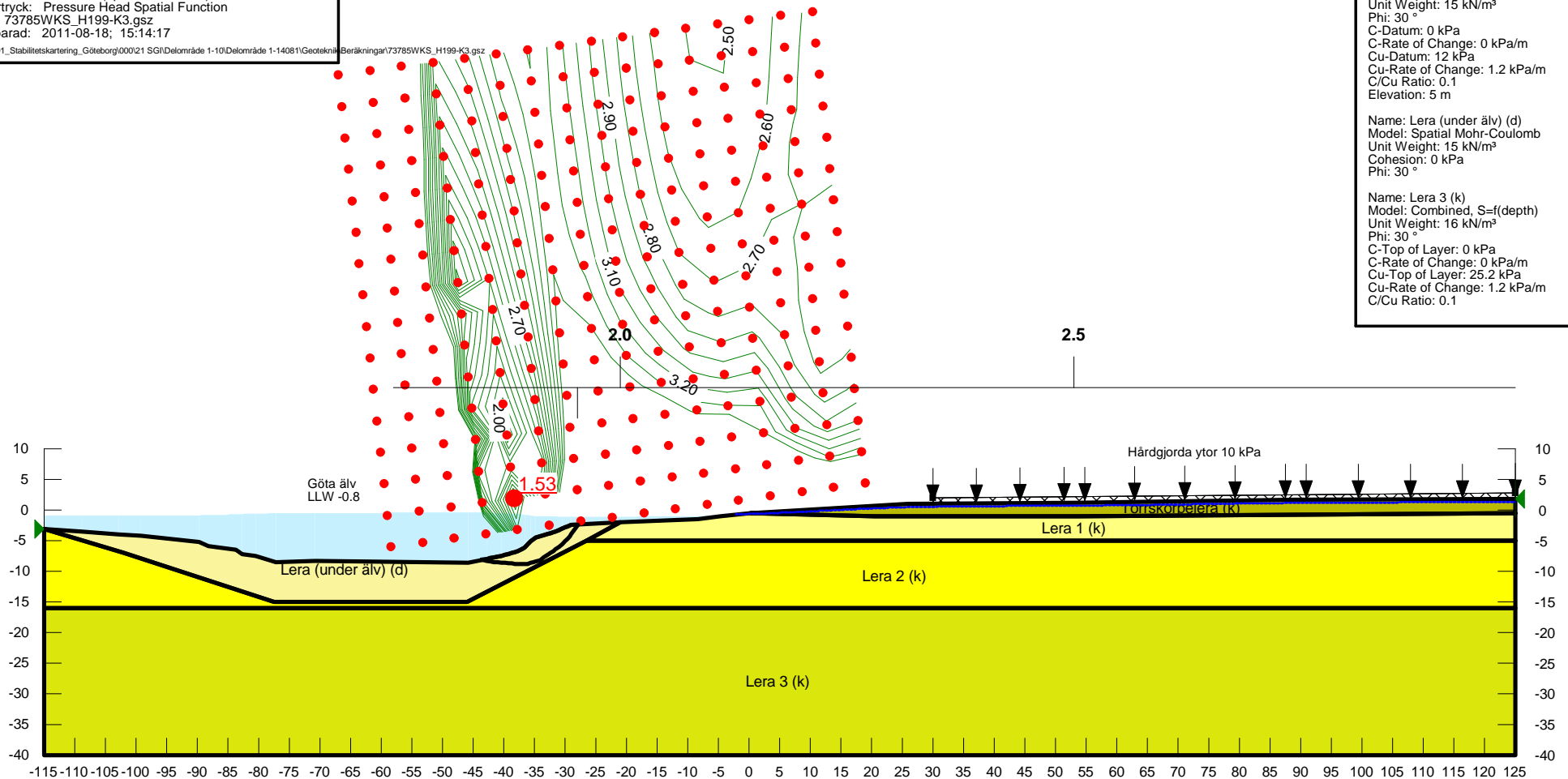
Name: Torrskorpeleira (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 12 kPa  
Cu-Rate of Change: 1.2 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 5 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °

Name: Lera 3 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 25.2 kPa  
Cu-Rate of Change: 1.2 kPa/m  
C/Cu Ratio: 0.1





# STABILITETSKARTERING

Göteborgs stad

73785WUS (H199-K3)

Odränerad analys

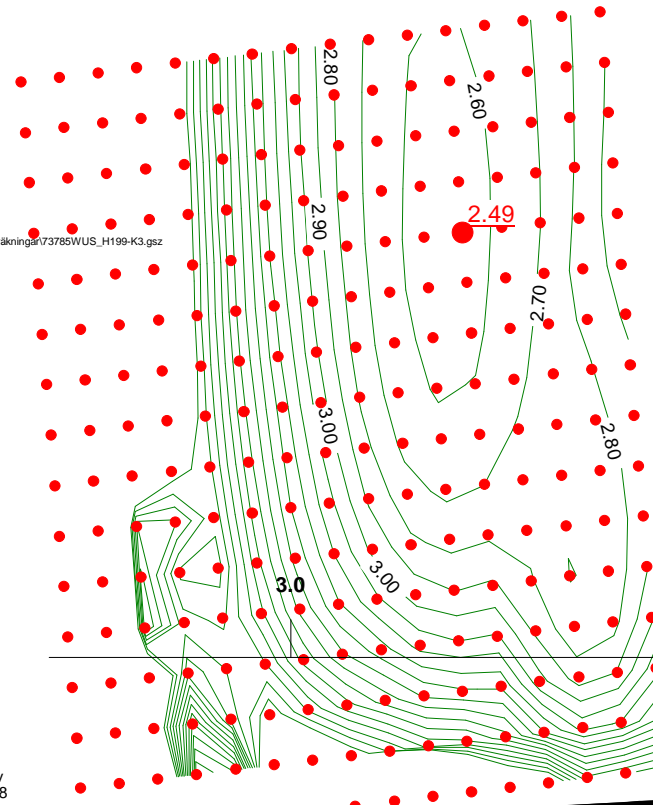
Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Gridtyor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
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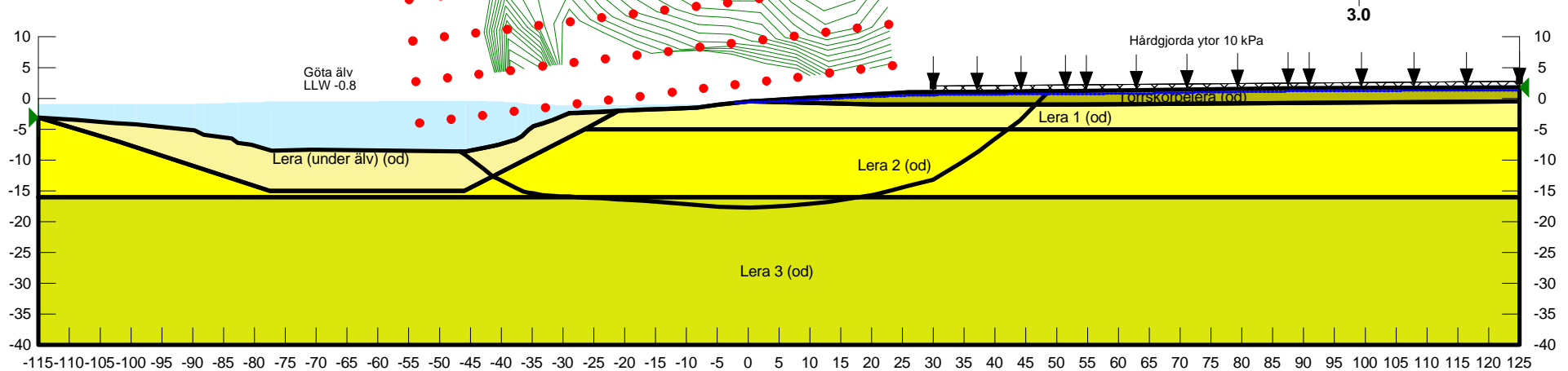
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Modell: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 12 kPa

Name: Lera 1 (od)  
Modell: S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Top of Layer: 12 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Modell: S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Datum: 12 kPa  
C-Rate of Change: 1.2 kPa/m  
Limiting C: 0 kPa  
Elevation: 5 m

Name: Lera (under älv) (od)  
Modell: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°

Name: Lera 3 (od)  
Modell: S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
C-Top of Layer: 25.2 kPa  
C-Rate of Change: 1.2 kPa/m  
Limiting C: 0 kPa





**STABILITETSKARTERING**  
Göteborgs stad

**74330WKS (H199-K4)**  
**Kombinerad analys (d)**

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
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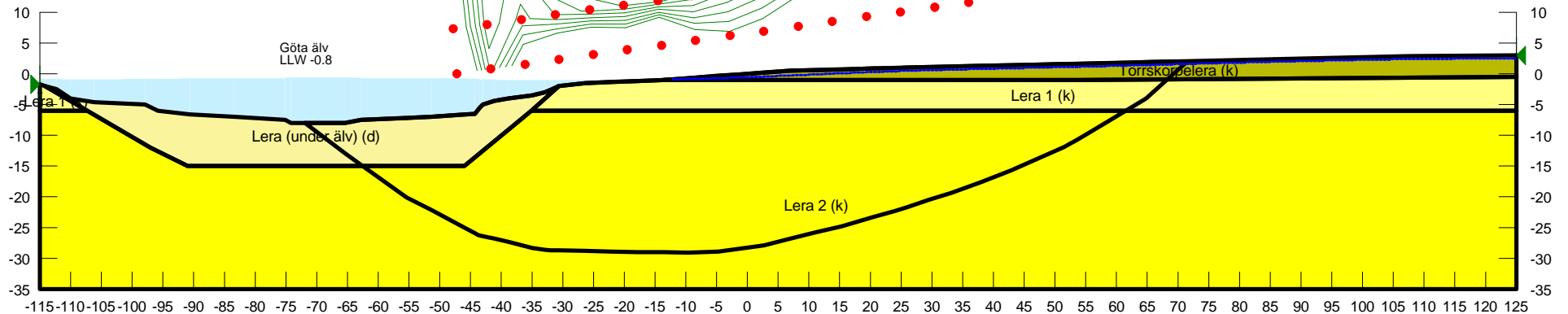
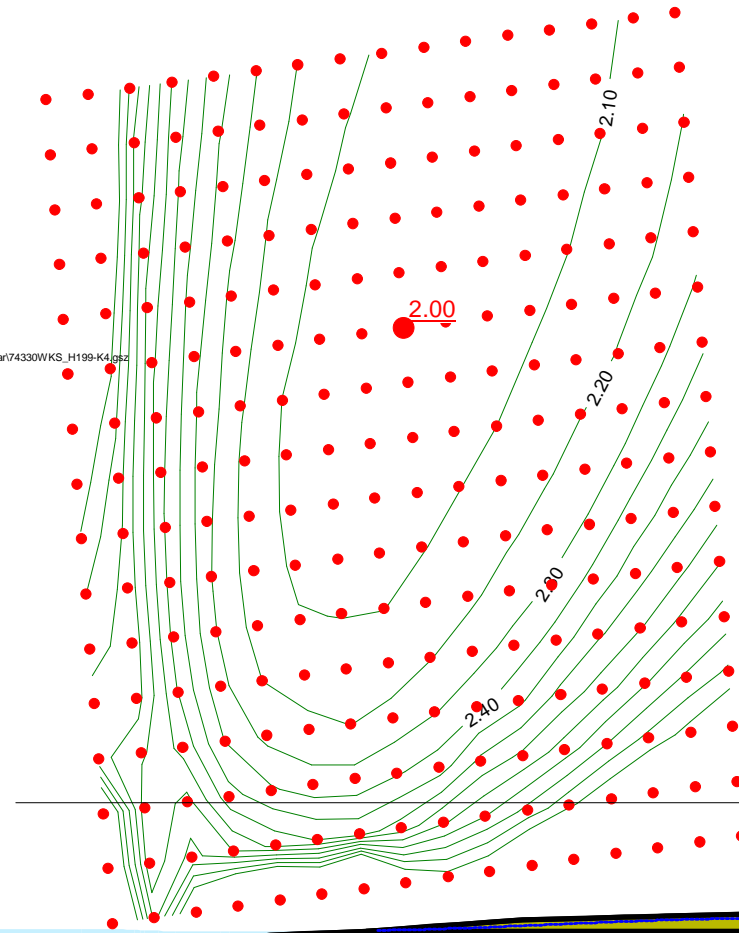
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Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30°  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30°  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30°  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 12 kPa  
Cu-Rate of Change: 0.6 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 4 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30°





### STABILITETSKARTERING

Göteborgs stad

74330WUS (H199-K4)

Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
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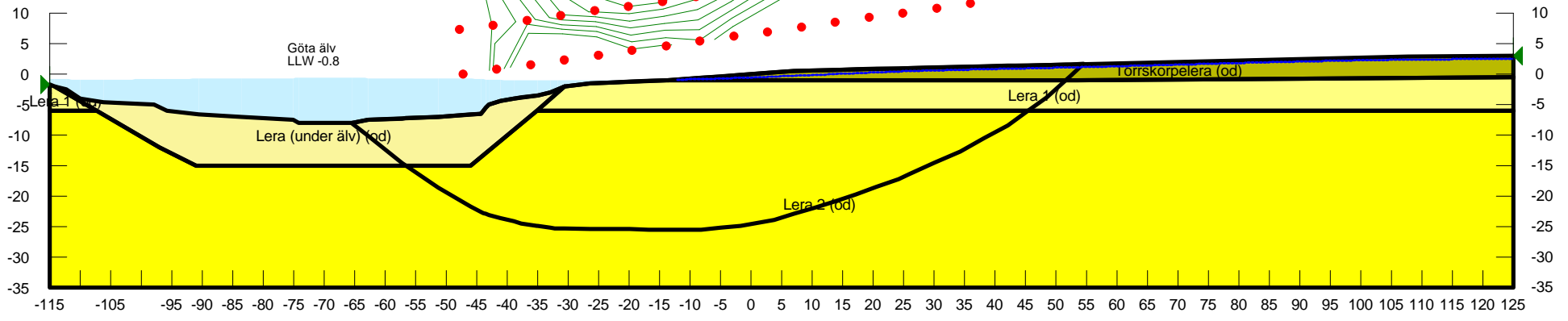
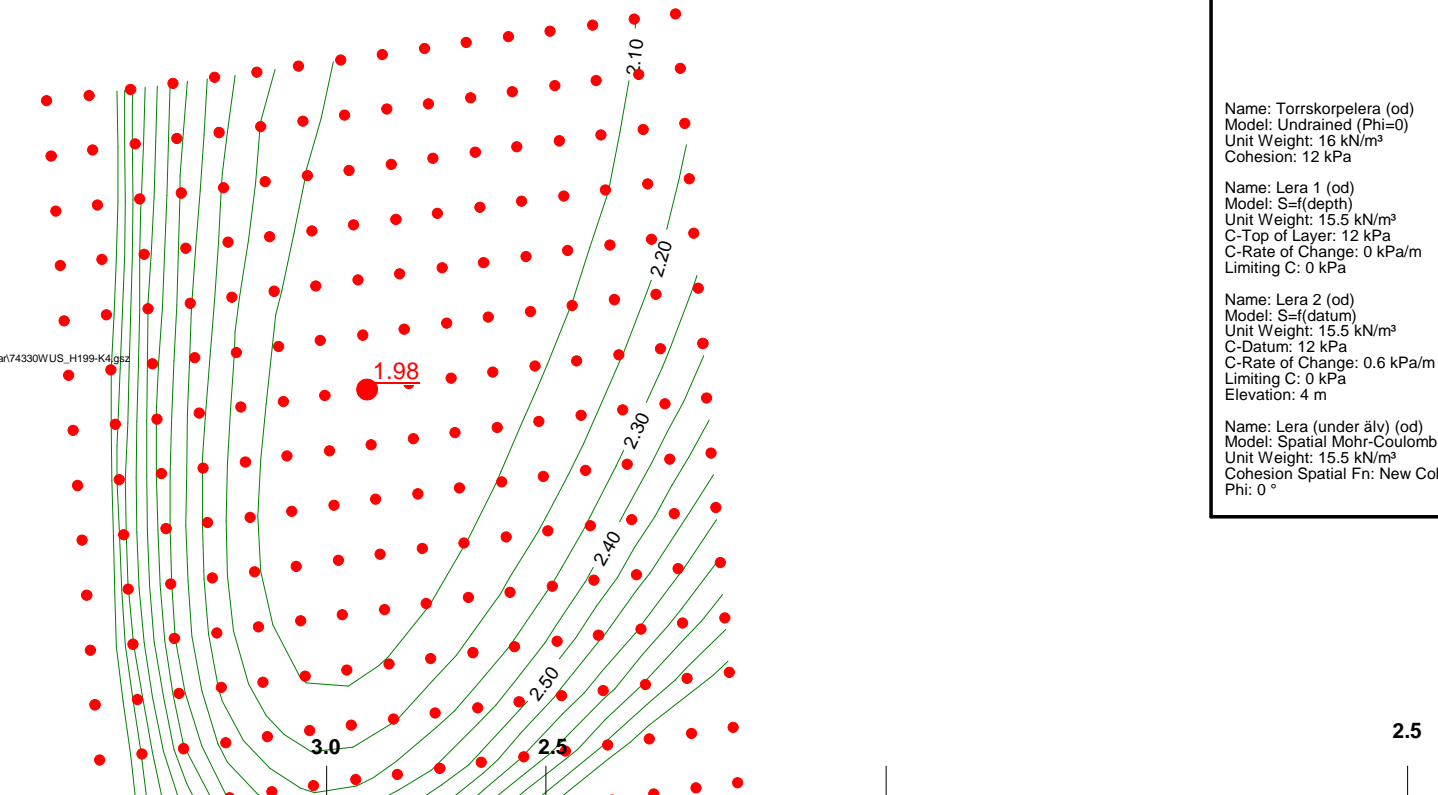
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Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 12 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 12 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 12 kPa  
C-Rate of Change: 0.6 kPa/m  
Limiting C: 0 kPa  
Elevation: 4 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°





**STABILITETSKARTERING**  
Göteborgs stad

**74630WKS (H193-K1)**  
**Kombinerad analys (d)**

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
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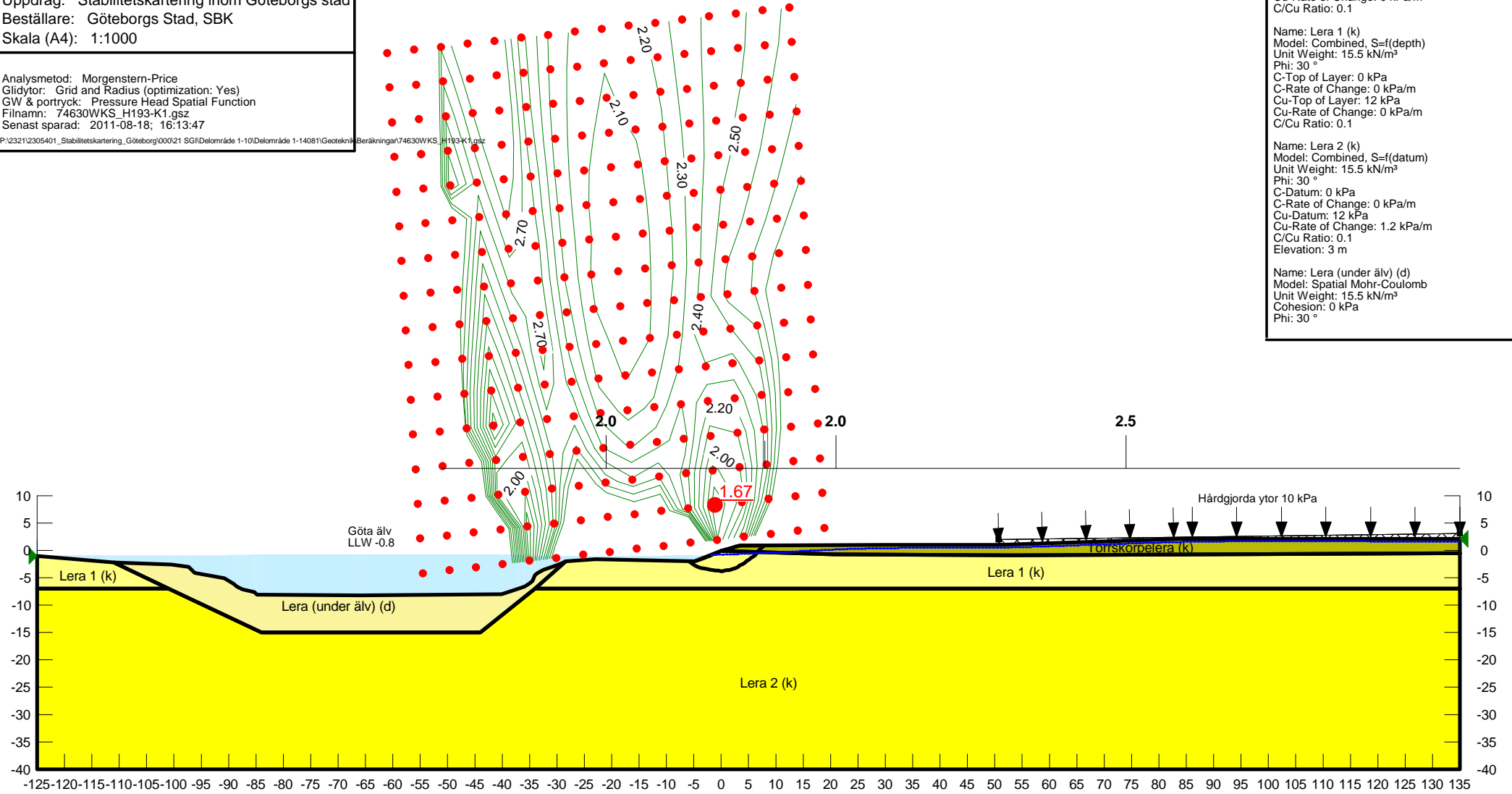
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Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 12 kPa  
Cu-Rate of Change: 1.2 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 3 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °





# STABILITETSKARTERING Göteborgs stad

74630WUS (H193-K1)  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
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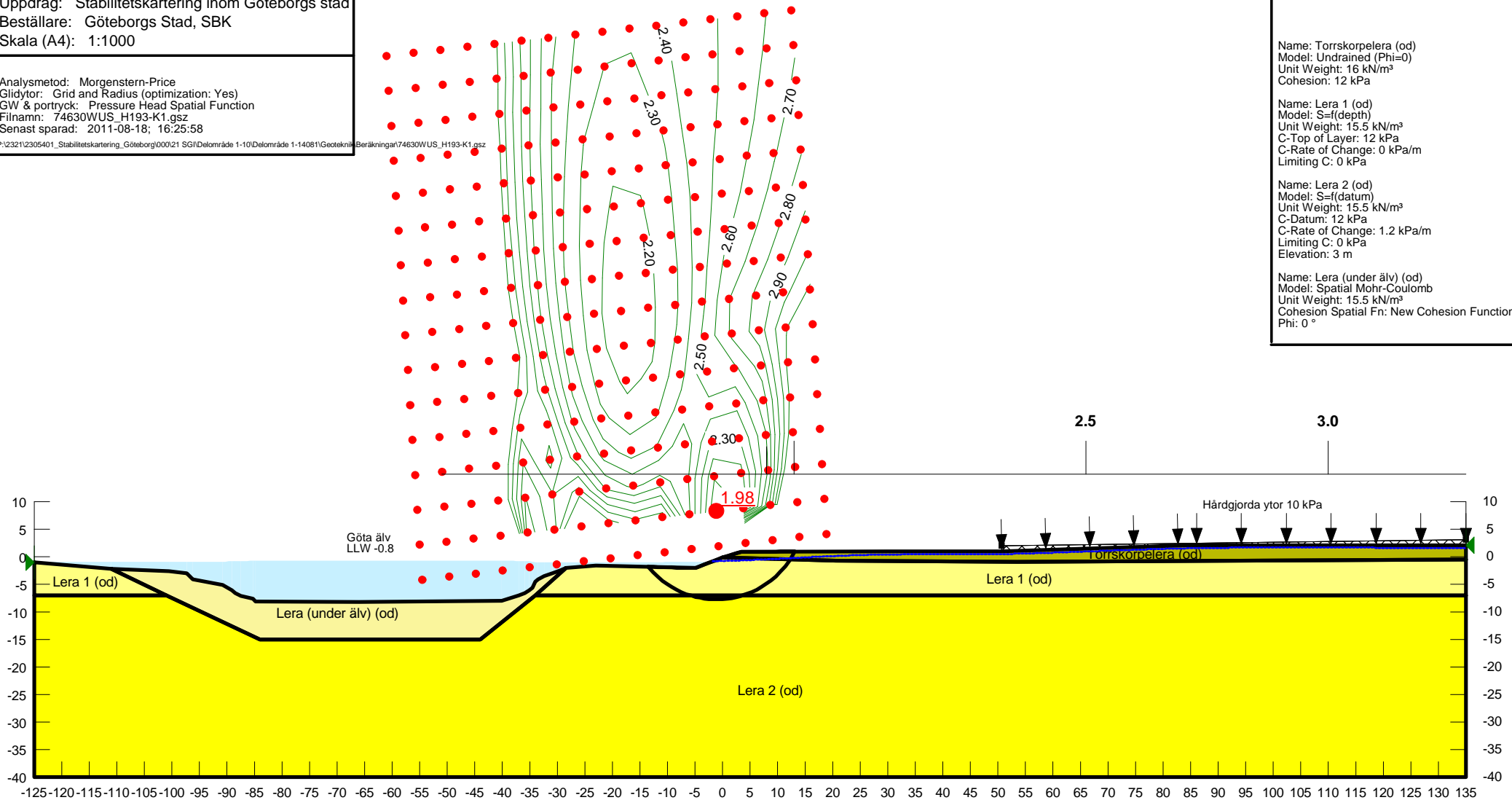
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Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 12 kPa

Name: Lera 1 (od)  
Model: S=(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 12 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 12 kPa  
C-Rate of Change: 1.2 kPa/m  
Limiting C: 0 kPa  
Elevation: 3 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°



**STABILITETSKARTERING**

Göteborgs stad

74930WKS (H193-K2)

Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
 Glidytor: Grid and Radius (optimization: Yes)  
 GW & portryck: Pressure Head Spatial Function  
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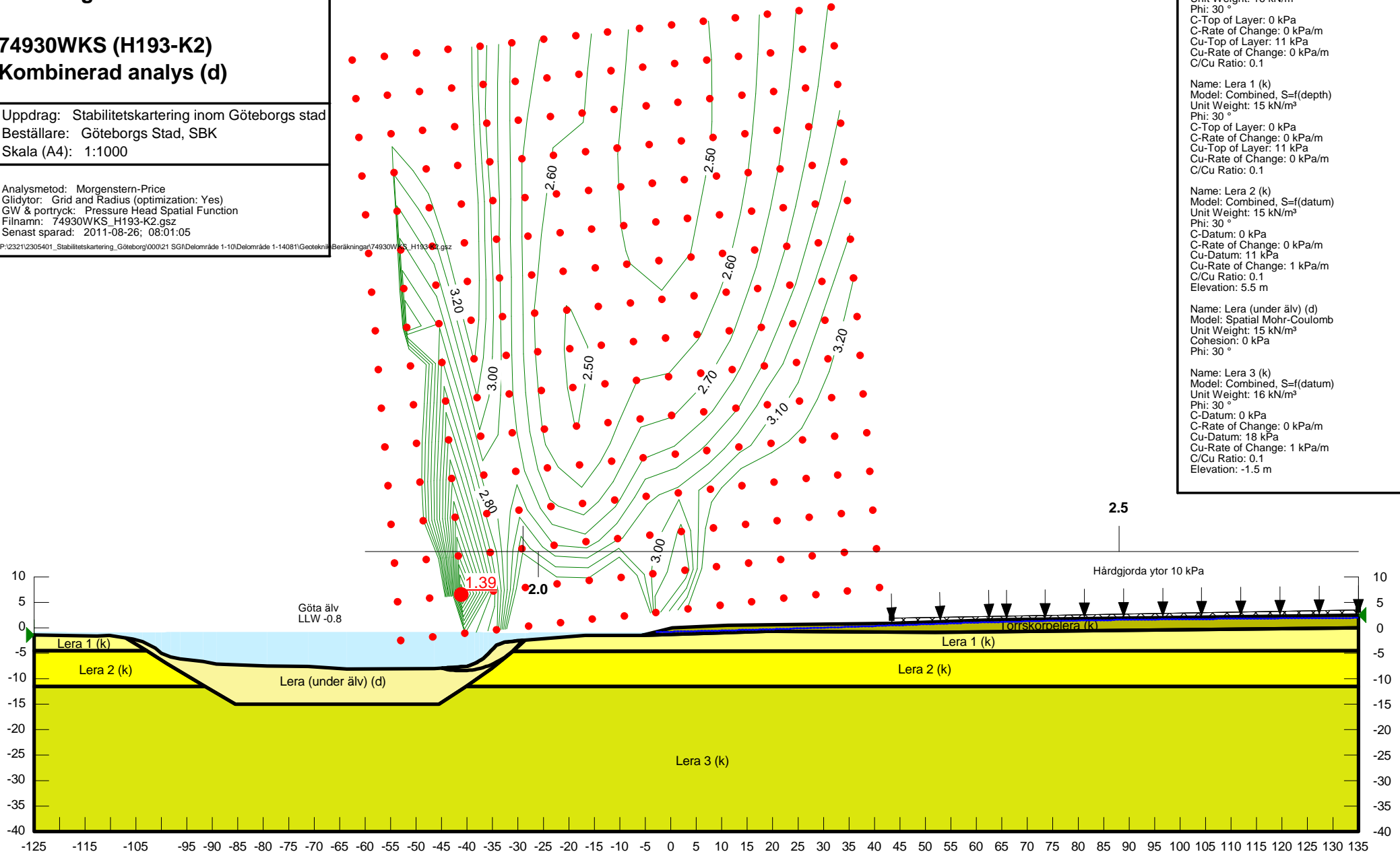
Name: Torrsorpelera (k)  
 Model: Combined, S=f(depth)  
 Unit Weight: 16 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 11 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Lera 1 (k)  
 Model: Combined, S=f(depth)  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 11 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Lera 2 (k)  
 Model: Combined, S=f(datum)  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Datum: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Datum: 11 kPa  
 Cu-Rate of Change: 1 kPa/m  
 C/Cu Ratio: 0.1  
 Elevation: 5.5 m

Name: Lera (under älv) (d)  
 Model: Spatial Mohr-Coulomb  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Cohesion: 0 kPa  
 Phi: 30 °

Name: Lera 3 (k)  
 Model: Combined, S=f(datum)  
 Unit Weight: 16 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Datum: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Datum: 18 kPa  
 Cu-Rate of Change: 1 kPa/m  
 C/Cu Ratio: 0.1  
 Elevation: -1.5 m





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.12

## STABILITETSKARTERING

Göteborgs stad

74930WUS (H193-K2)

Odränerad analys

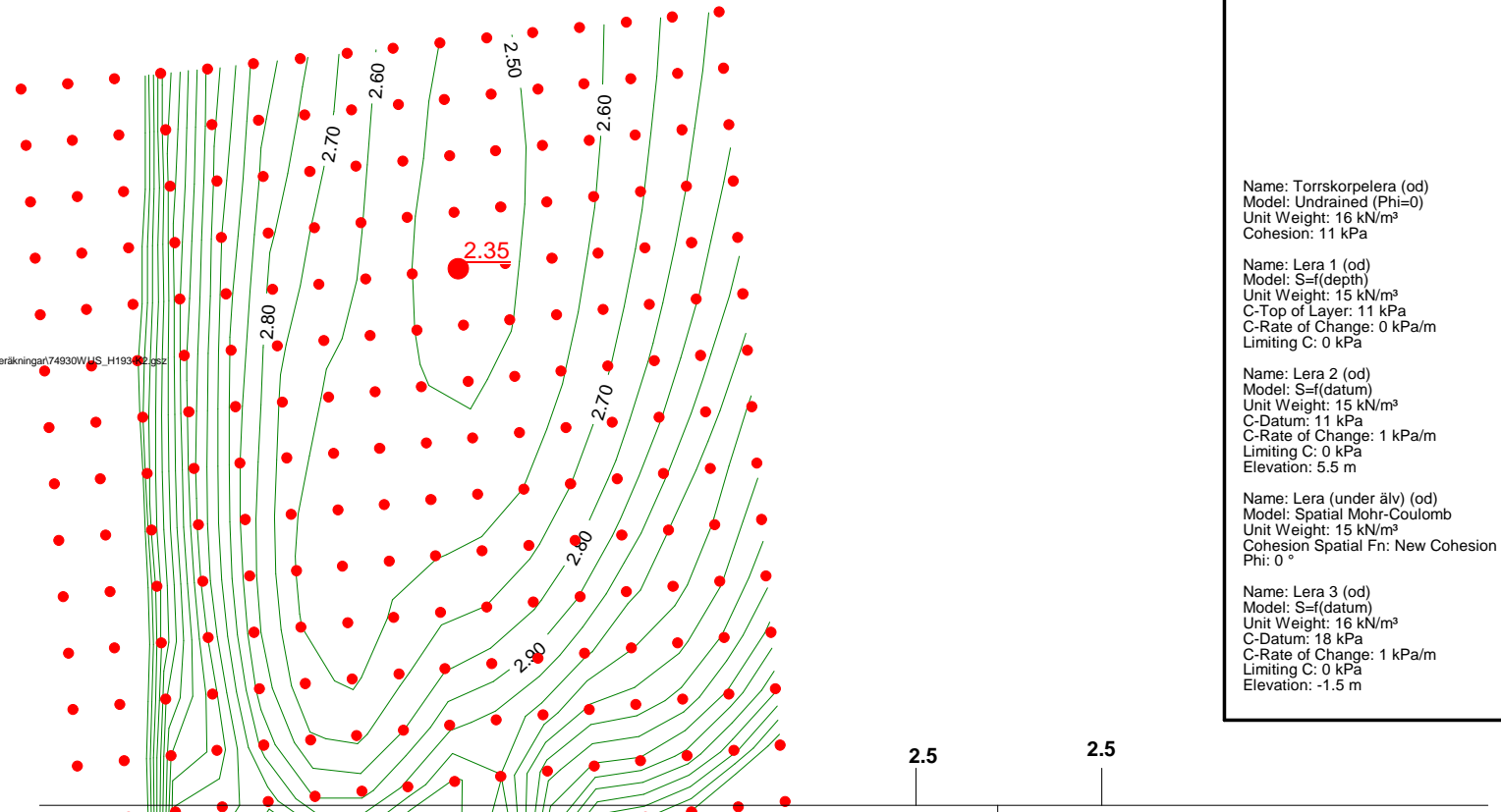
Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
Filnamn: 74930WUS\_H193-K2.gsz  
Senast sparad: 2011-08-26; 08:13:25

P:2321\2305401\_Stabilitetskartering\_Göteborg\00021\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknisk\Beräkningar\74930WUS\_H193-K2.gsz



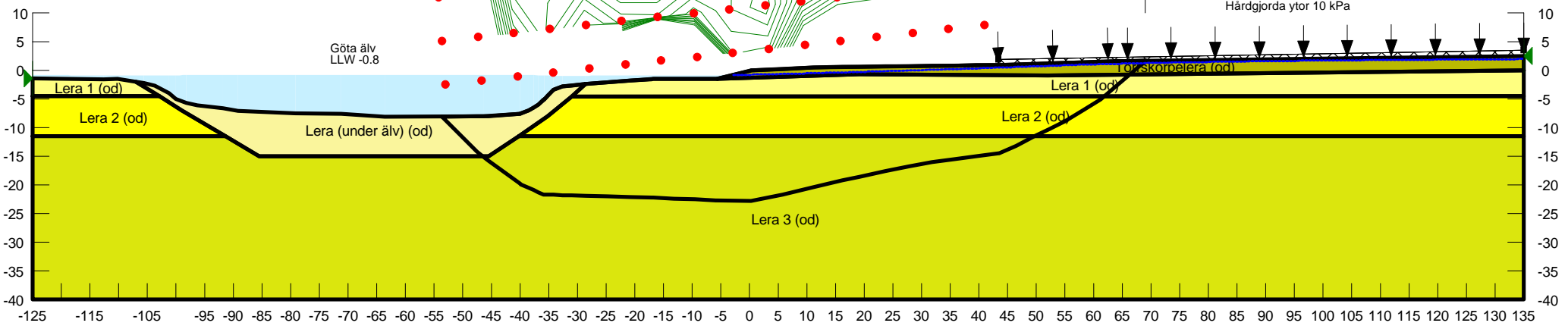
Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 11 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Top of Layer: 11 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Datum: 11 kPa  
C-Rate of Change: 1 kPa/m  
Limiting C: 0 kPa  
Elevation: 5.5 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°

Name: Lera 3 (od)  
Model: S=f(datum)  
Unit Weight: 16 kN/m<sup>3</sup>  
C-Datum: 18 kPa  
C-Rate of Change: 1 kPa/m  
Limiting C: 0 kPa  
Elevation: -1.5 m





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.13

## STABILITETSKARTERING

Göteborgs stad

75210WKS (H193-K3)

Kombinerad analys (d)

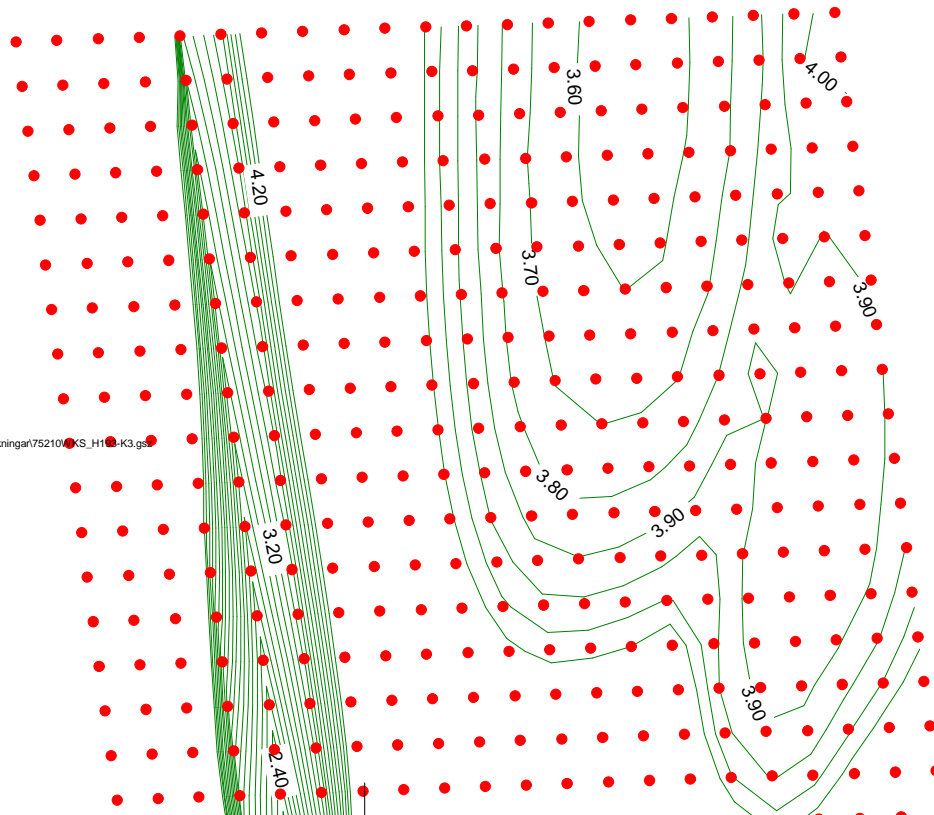
Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
Filnamn: 75210WKS\_H193-K3.gsz  
Senast sparad: 2011-08-19; 08:14:35

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\75210WKS\_H193-K3.gsz



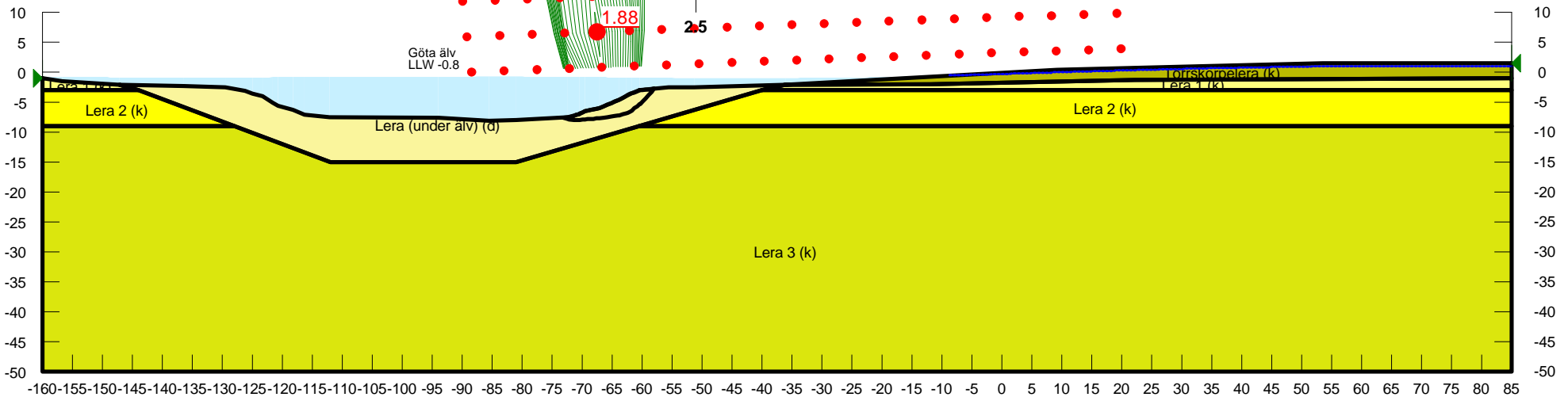
Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 10 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 10 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 10 kPa  
Cu-Rate of Change: 1.1 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 7 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °

Name: Lera 3 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 16.6 kPa  
Cu-Rate of Change: 1.1 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 1 m



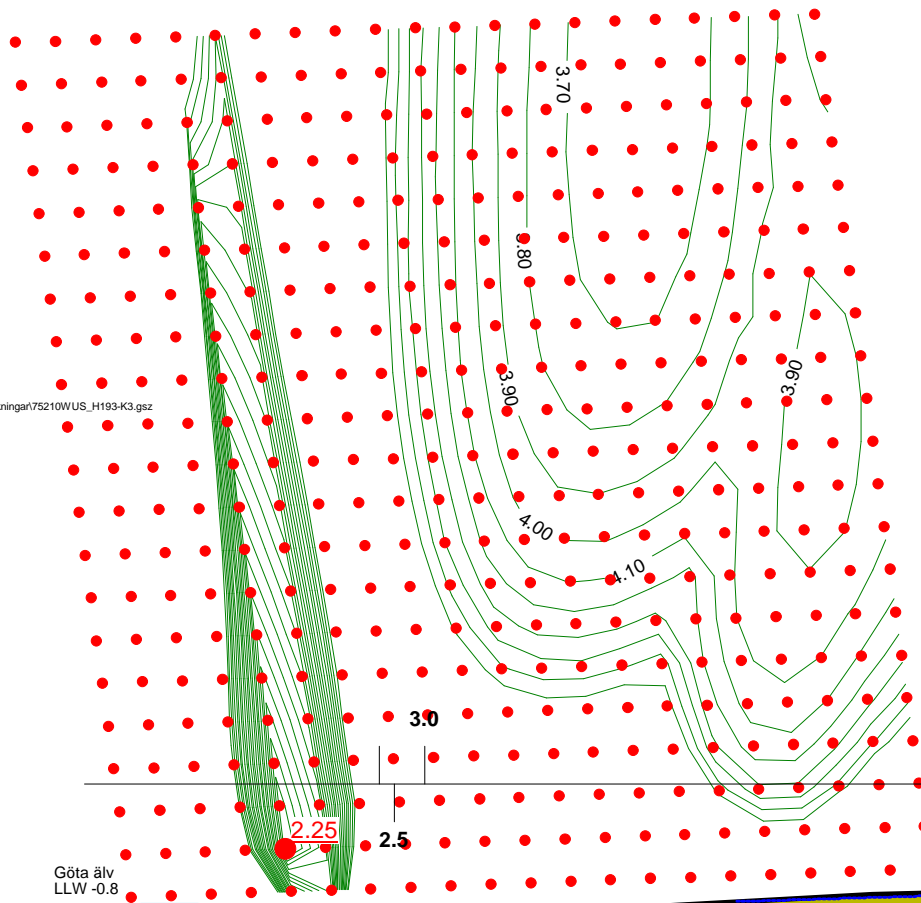
**STABILITETSKARTERING**  
Göteborgs stad

**75210WUS (H193-K3)**  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
Filnamn: 75210WUS\_H193-K3.gsz  
Senast sparad: 2011-08-19; 08:30:33

P:\232112305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\75210WUS\_H193-K3.gsz



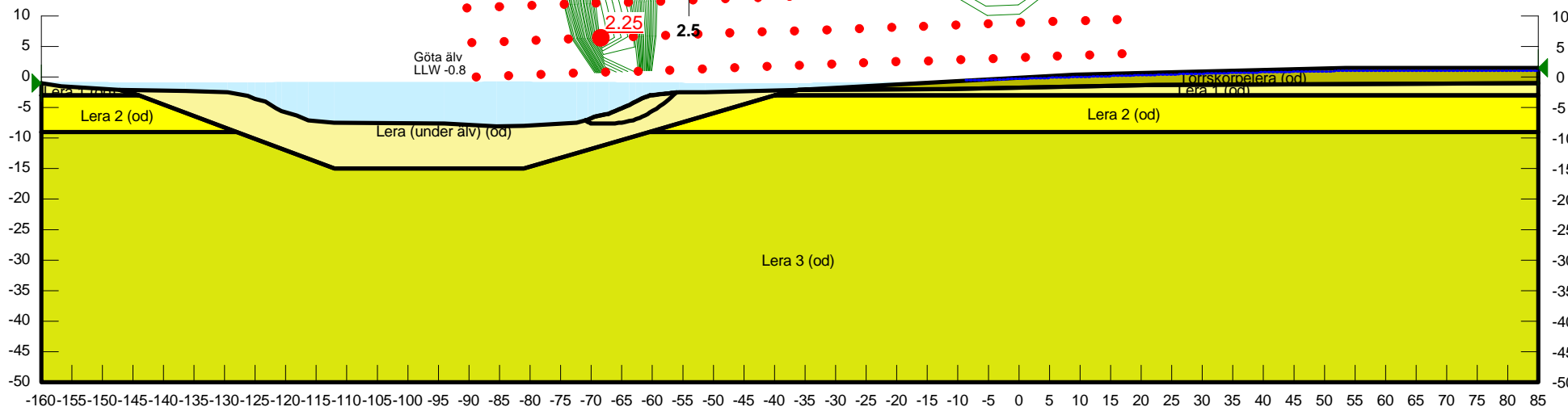
Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m³  
Cohesion: 10 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15 kN/m³  
C-Top of Layer: 10 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15 kN/m³  
C-Datum: 10 kPa  
C-Rate of Change: 1.1 kPa/m  
Limiting C: 0 kPa  
Elevation: 7 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m³  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°

Name: Lera 3 (od)  
Model: S=f(datum)  
Unit Weight: 15.5 kN/m³  
C-Datum: 16.6 kPa  
C-Rate of Change: 1.1 kPa/m  
Limiting C: 0 kPa  
Elevation: 1 m





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.15

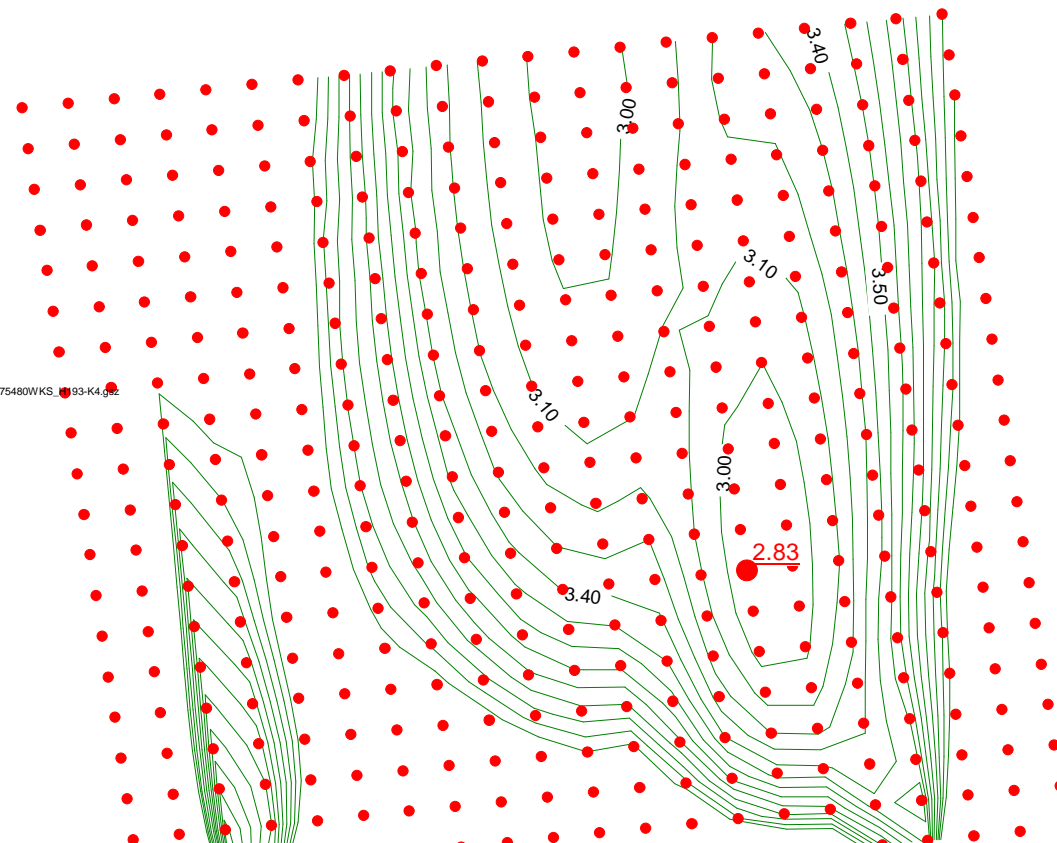
## STABILITETSKARTERING Göteborgs stad

### 75480WKS (H193-K4) Kombinerad analys (d)

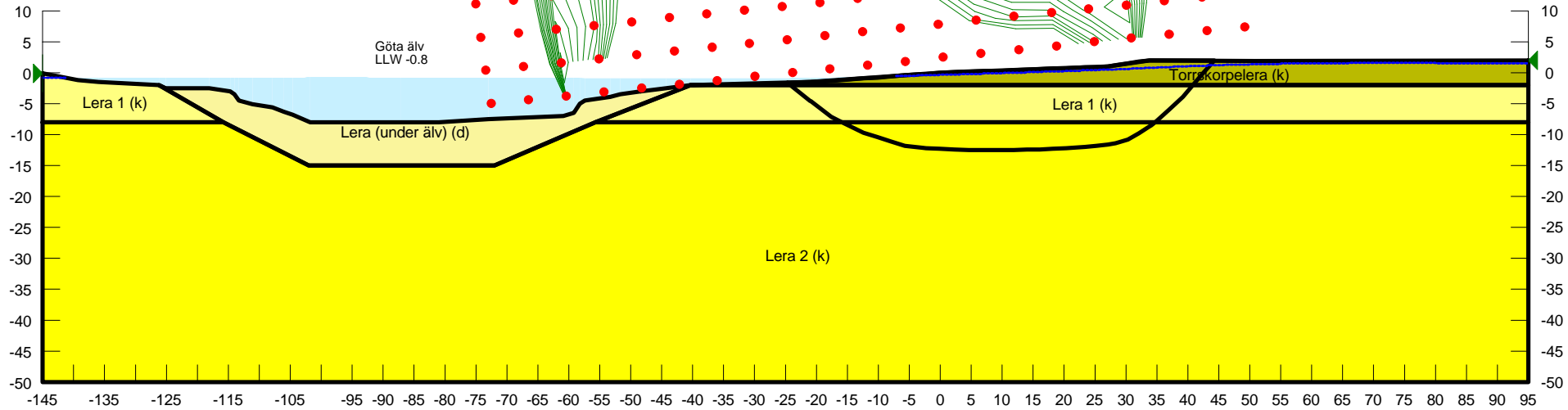
Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
Filnamn: 75480WKS\_H193-K4.gsz  
Senast sparad: 2011-08-19; 08:43:52

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\75480WKS\_H193-K4.gsz



- Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 10 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1
- Name: Lera 1 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 10 kPa  
Cu-Rate of Change: 1.1 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 8 m
- Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 16.2 kPa  
Cu-Rate of Change: 1.1 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 2 m
- Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.16

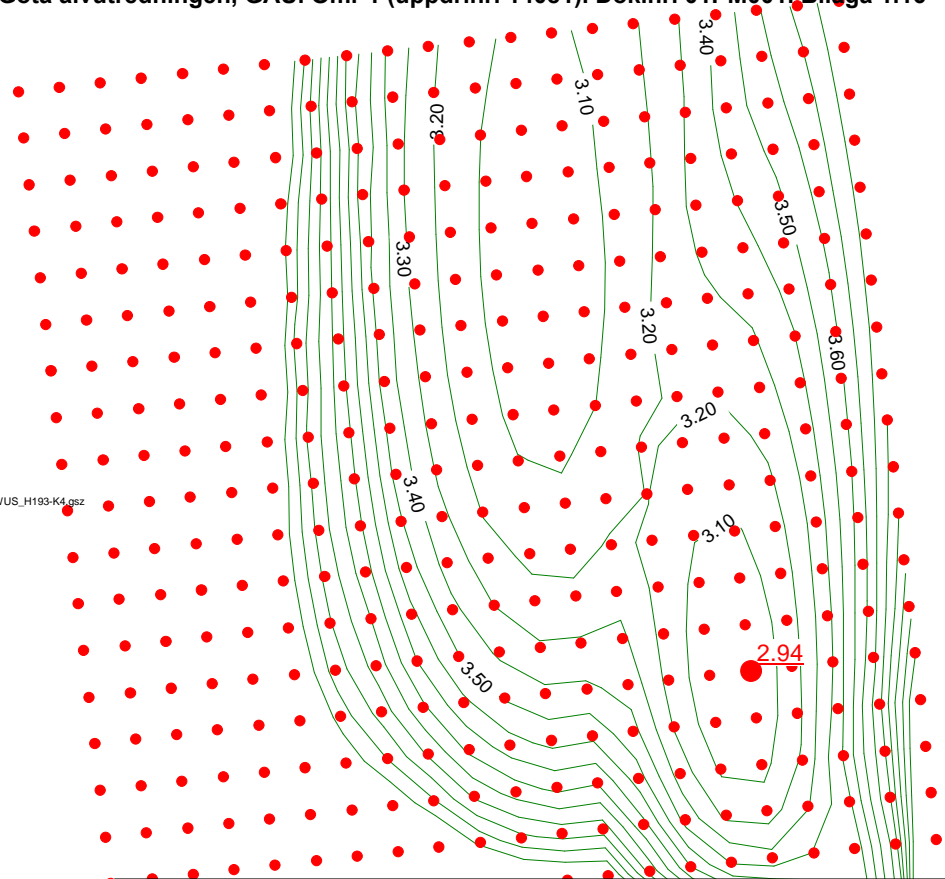
## STABILITETSKARTERING Göteborgs stad

75480WUS (H193-K4)  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Gridtyor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
Filnamn: 75480WUS\_H193-K4.gsz  
Senast sparad: 2011-08-19; 08:58:55

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\75480WUS\_H193-K4.gsz

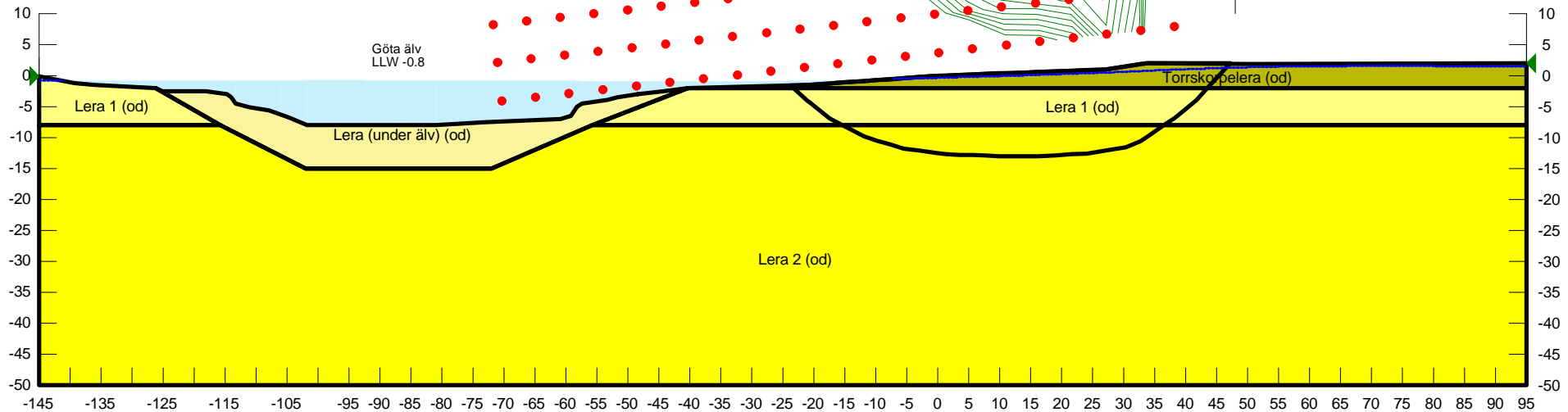


Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 10 kPa

Name: Lera 1 (od)  
Model: S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Datum: 10 kPa  
C-Rate of Change: 1.1 kPa/m  
Limiting C: 0 kPa  
Elevation: 8 m

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 16.6 kPa  
C-Rate of Change: 1.1 kPa/m  
Limiting C: 0 kPa  
Elevation: 2 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°





**STABILITETSKARTERING**

Göteborgs stad

75805WKS (H179-K1)

Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
 Glidytor: Grid and Radius (optimization: Yes)  
 GW & portryck: Pressure Head Spatial Function  
 Filnamn: 75805WKS\_H179-K1.gsz  
 Senast sparad: 2011-08-30; 08:34:34

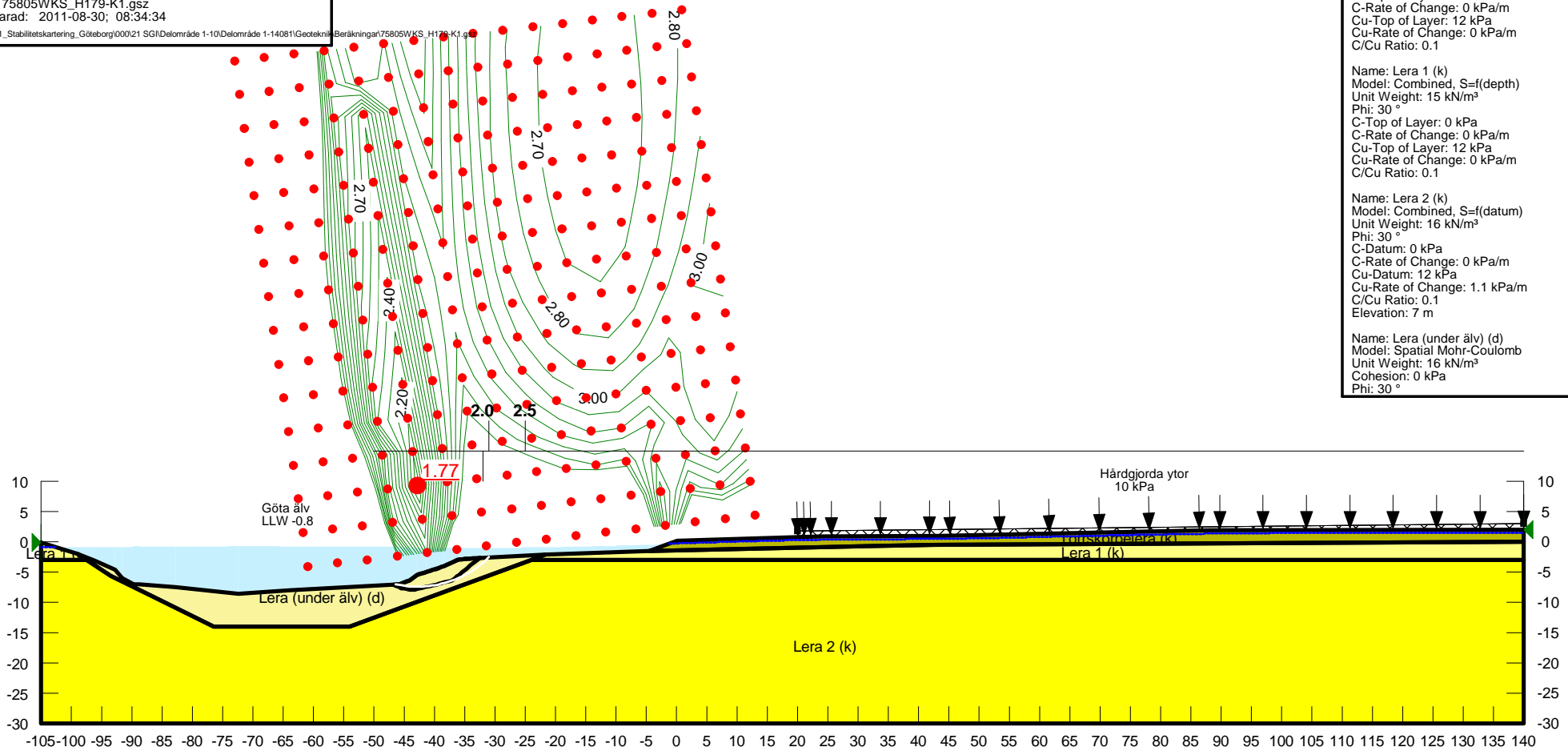
P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\75805WKS\_H179-K1.g

Name: Torrskorpelera (k)  
 Model: Combined, S=f(depth)  
 Unit Weight: 16 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 12 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Lera 1 (k)  
 Model: Combined, S=f(depth)  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 12 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Lera 2 (k)  
 Model: Combined, S=f(datum)  
 Unit Weight: 16 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Datum: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Datum: 12 kPa  
 Cu-Rate of Change: 1.1 kPa/m  
 C/Cu Ratio: 0.1  
 Elevation: 7 m

Name: Lera (under älv) (d)  
 Model: Spatial Mohr-Coulomb  
 Unit Weight: 16 kN/m<sup>3</sup>  
 Cohesion: 0 kPa  
 Phi: 30 °





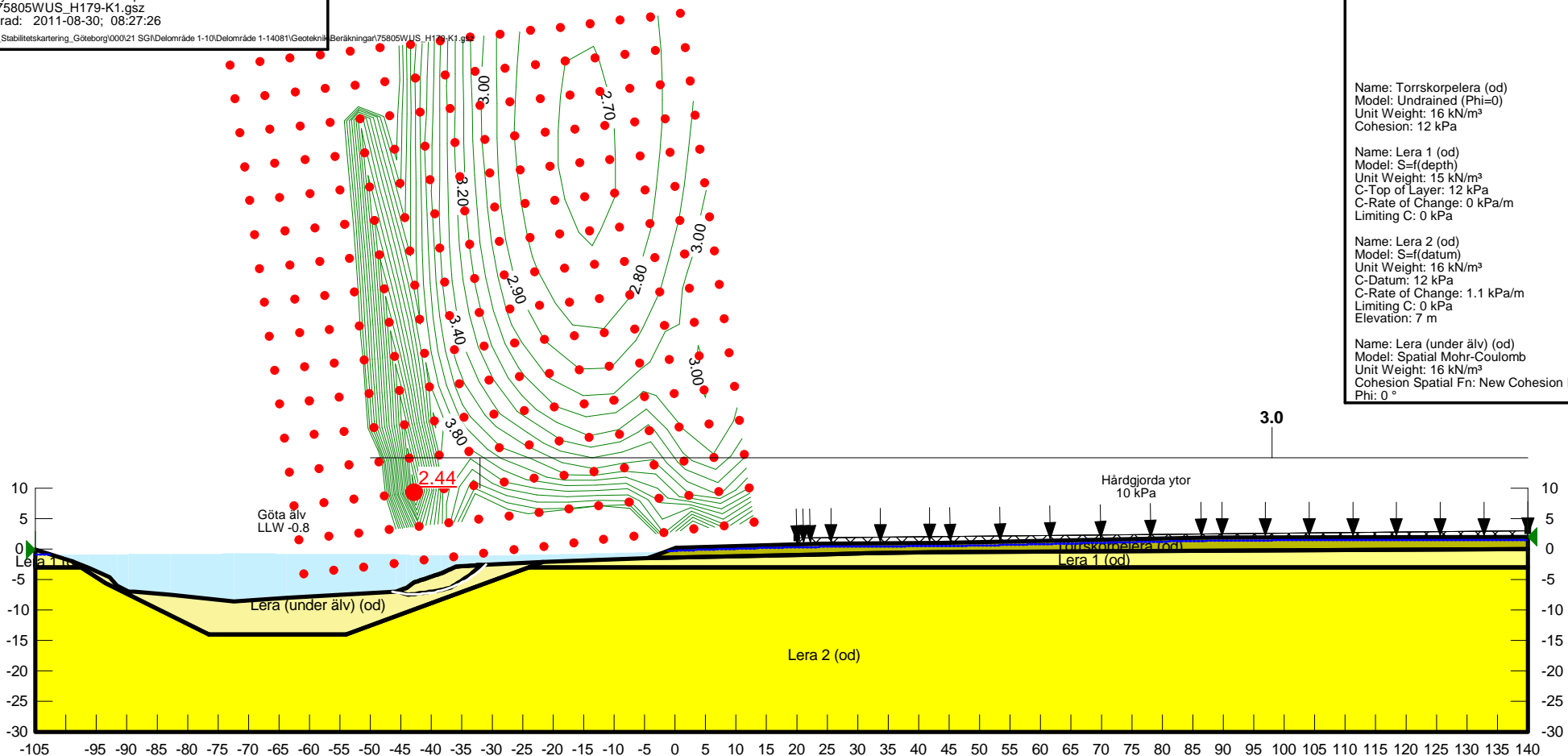
**STABILITETSKARTERING**  
Göteborgs stad

**75805WUS (H179-K1)**  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
Filnamn: 75805WUS\_H179-K1.gsz  
Senast sparad: 2011-08-30; 08:27:26

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\75805WUS\_H179-K1.g



Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 12 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Top of Layer: 12 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 16 kN/m<sup>3</sup>  
C-Datum: 12 kPa  
C-Rate of Change: 1.1 kPa/m  
Limiting C: 0 kPa  
Elevation: 7 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0 °

**STABILITETSKARTERING**  
Göteborgs stad

**77160WKS (H179-K2)**  
**Kombinerad analys (d)**

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
Filnamn: 77160WKS\_H179-K2.gsz  
Senast sparad: 2011-08-26; 14:01:11

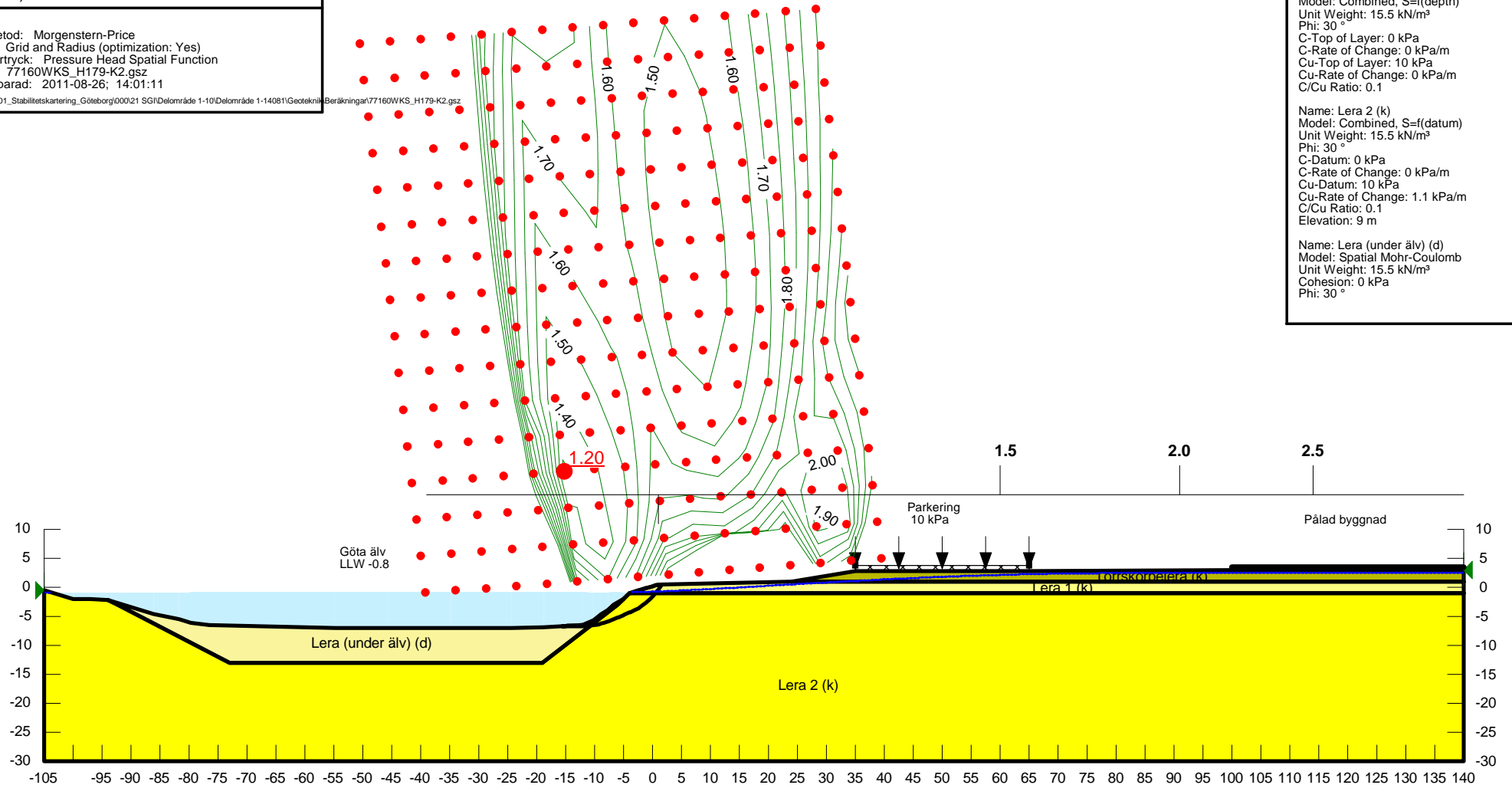
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Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30°  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 10 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

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

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30°  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 10 kPa  
Cu-Rate of Change: 1.1 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 9 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30°





# Göta älvtredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.20

## STABILITETSKARTERING Göteborgs stad

### 77160WUS (H179-K2) Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
Filnamn: 77160WUS\_H179-K2.gsz  
Senast sparad: 2011-08-26; 13:54:49

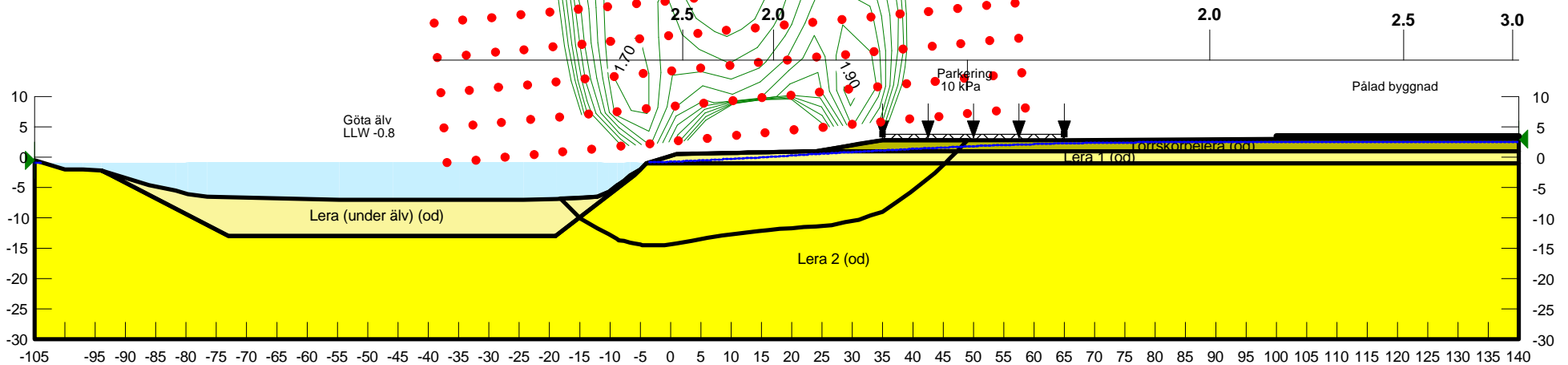
P:\232112305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\77160WUS\_H179-K2.gsz

Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 10 kPa

Name: Lera 1 (od)  
Model: Undrained (Phi=0)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 10 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 10 kPa  
C-Rate of Change: 1.1 kPa/m  
Limiting C: 0 kPa  
Elevation: 9 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°



**STABILITETSKARTERING**

Göteborgs stad

77240WKS (H179-K3)

Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
 Glidtyor: Grid and Radius (optimization: Yes)  
 GW & portryck: Pressure Head Spatial Function  
 Filnamn: 77240WKS\_H179-K3.gsz  
 Senast sparad: 2011-08-26; 14:09:30

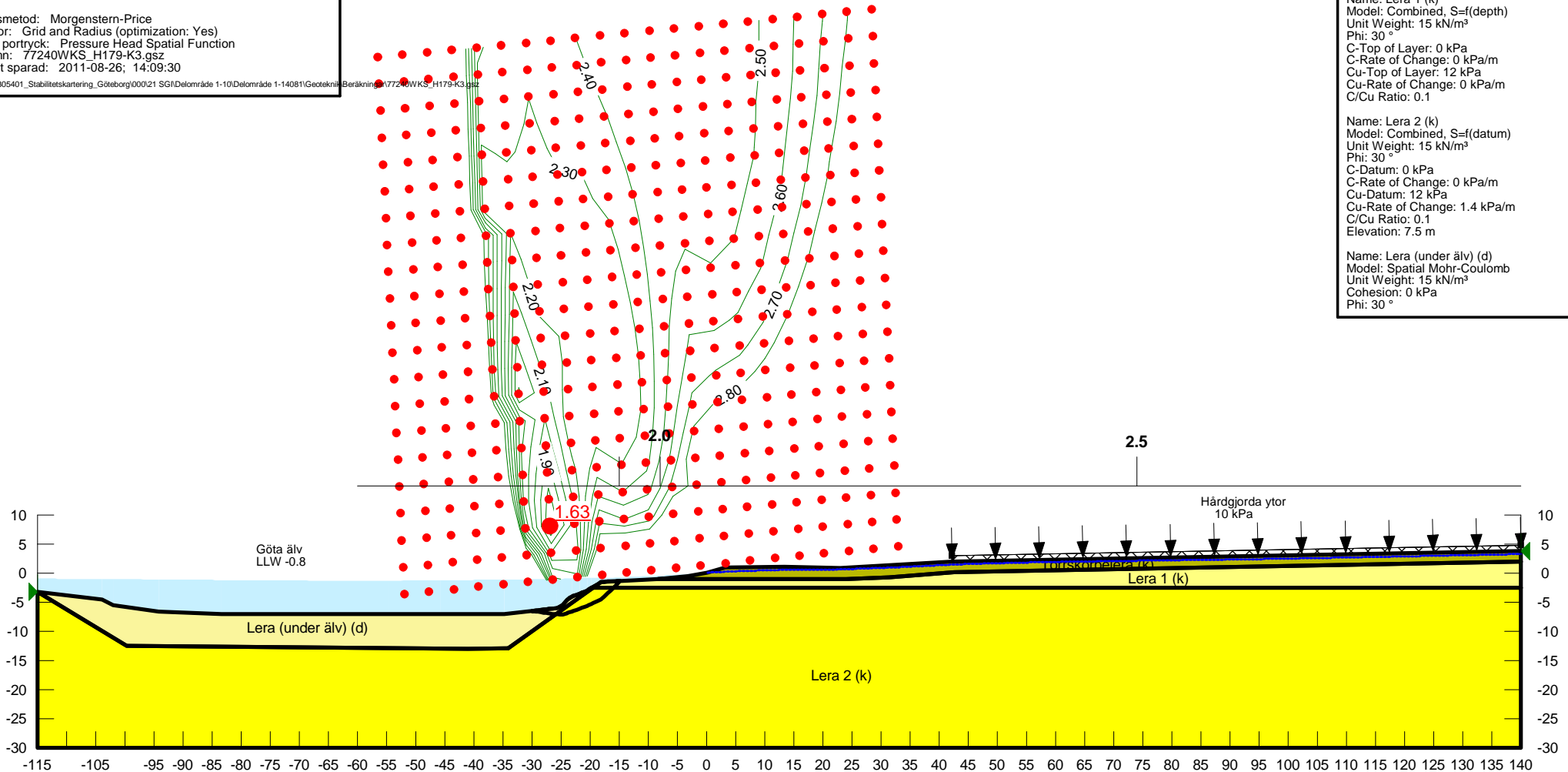
P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\77240WKS\_H179-K3.gsz

Name: Torrskorpelera (k)  
 Model: Combined, S=f(depth)  
 Unit Weight: 16 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 12 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Lera 1 (k)  
 Model: Combined, S=f(depth)  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Top of Layer: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Top of Layer: 12 kPa  
 Cu-Rate of Change: 0 kPa/m  
 C/Cu Ratio: 0.1

Name: Lera 2 (k)  
 Model: Combined, S=f(datum)  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Phi: 30 °  
 C-Datum: 0 kPa  
 C-Rate of Change: 0 kPa/m  
 Cu-Datum: 12 kPa  
 Cu-Rate of Change: 1.4 kPa/m  
 C/Cu Ratio: 0.1  
 Elevation: 7.5 m

Name: Lera (under älv) (d)  
 Model: Spatial Mohr-Coulomb  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Cohesion: 0 kPa  
 Phi: 30 °





# STABILITETSKARTERING

Göteborgs stad

77240WUS (H179-K3)

Odränerad analys

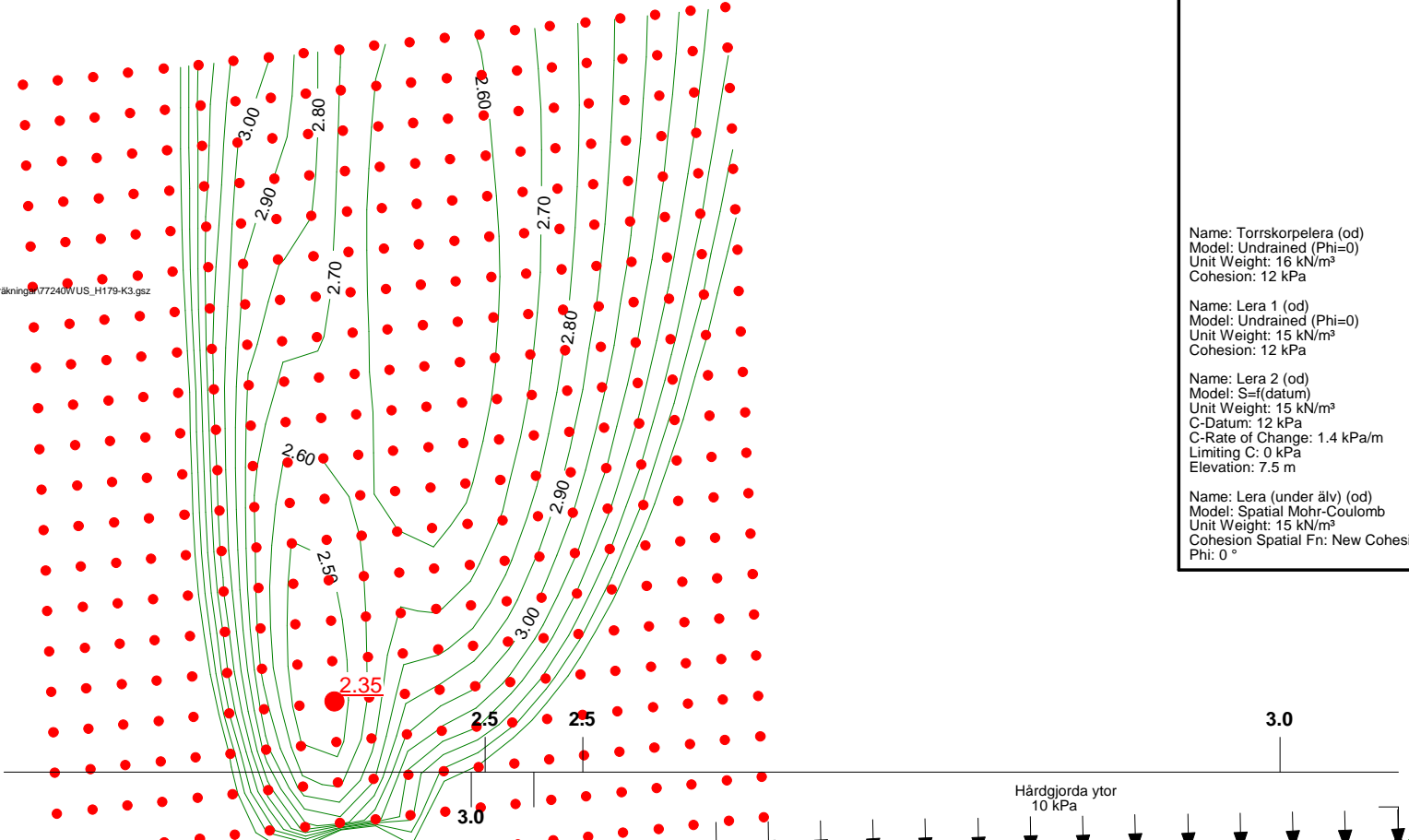
Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Gridtyor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
Filnamn: 77240WUS\_H179-K3.gsz  
Senast sparad: 2011-08-26; 14:14:55

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\77240WUS\_H179-K3.gsz

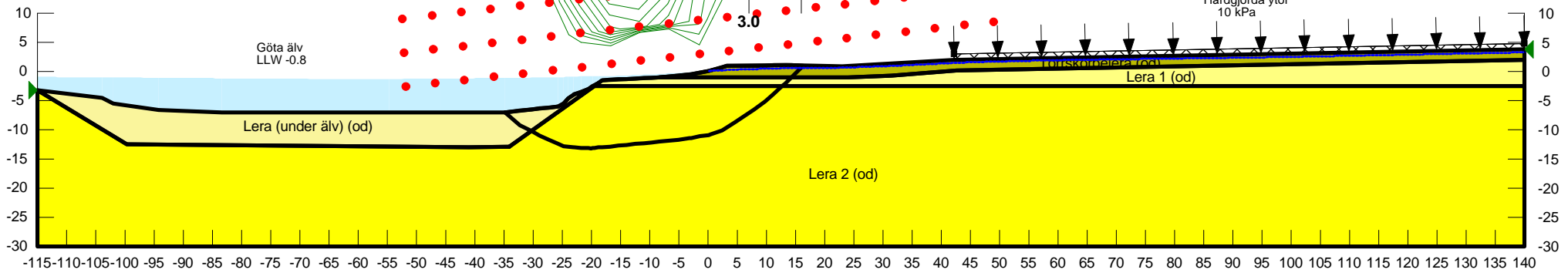


Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 12 kPa

Name: Lera 1 (od)  
Model: Undrained (Phi=0)  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion: 12 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Datum: 12 kPa  
C-Rate of Change: 1.4 kPa/m  
Limiting C: 0 kPa  
Elevation: 7.5 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0 °



**STABILITETSKARTERING**  
Göteborgs stad

**77330WKS (H179-K4)**  
**Kombinerad analys (d)**

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Pressure Head Spatial Function  
Filnamn: 77330WKS\_H179-K4.gsz  
Senast sparad: 2011-08-19; 11:15:01

P:\232112305401\_Stabilitetskartering\_Göteborg\000\21 SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\77330WKS\_H179-K4.gsz

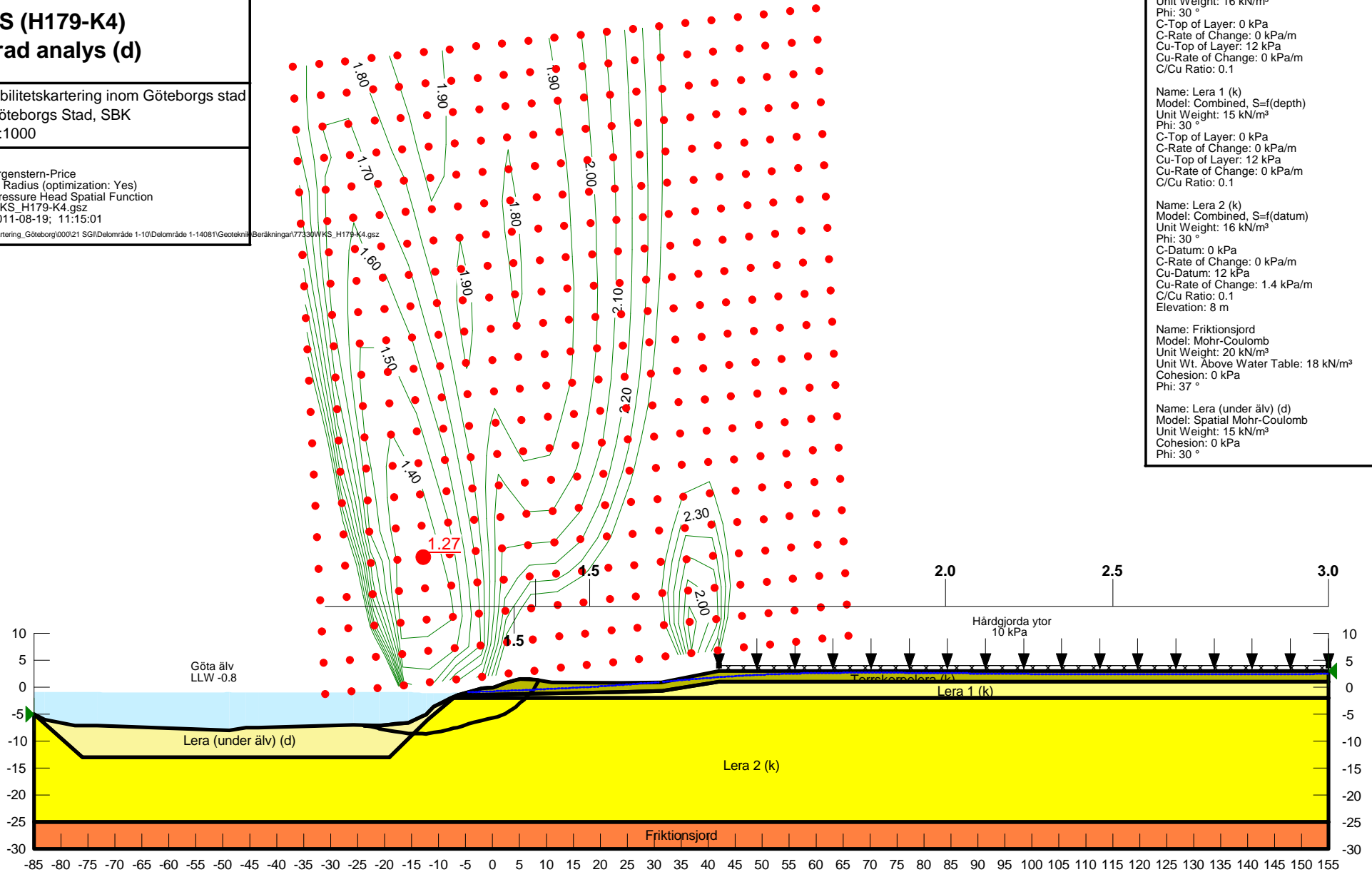
Name: Torrskorpelera (k)  
Model: Combined, S=(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=(datum)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 12 kPa  
Cu-Rate of Change: 1.4 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 8 m

Name: Friktionsjord  
Model: Mohr-Coulomb  
Unit Weight: 20 kN/m<sup>3</sup>  
Unit Wt. Above Water Table: 18 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 37 °

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °



**STABILITETSKARTERING**

Göteborgs stad

77330WUS (H179-K4)

Odränerad analys

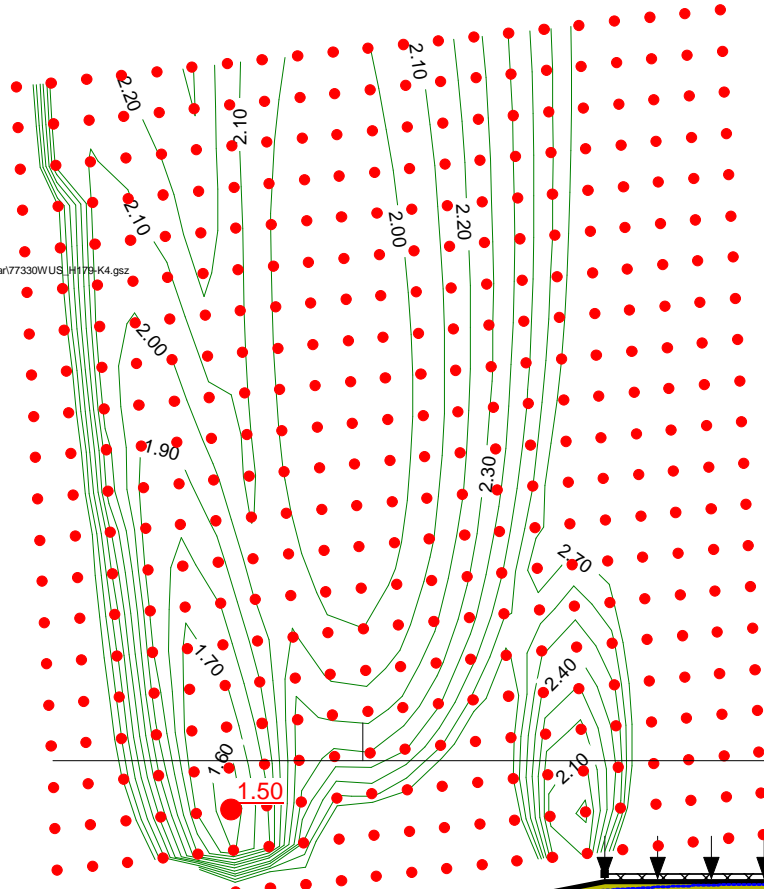
Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
 Girdytör: Grid and Radius (optimization: Yes)  
 GW & portryck: Pressure Head Spatial Function  
 Filnamn: 77330WUS\_H179-K4.gsz  
 Senast sparad: 2011-08-19; 11:21:38

P:\23212305401\_Stabilitetskartering\_Göteborg\000\21 SGI\Delområde 1-14081\Geoteknik\Beräkningar\77330WUS\_H179-K4.gsz



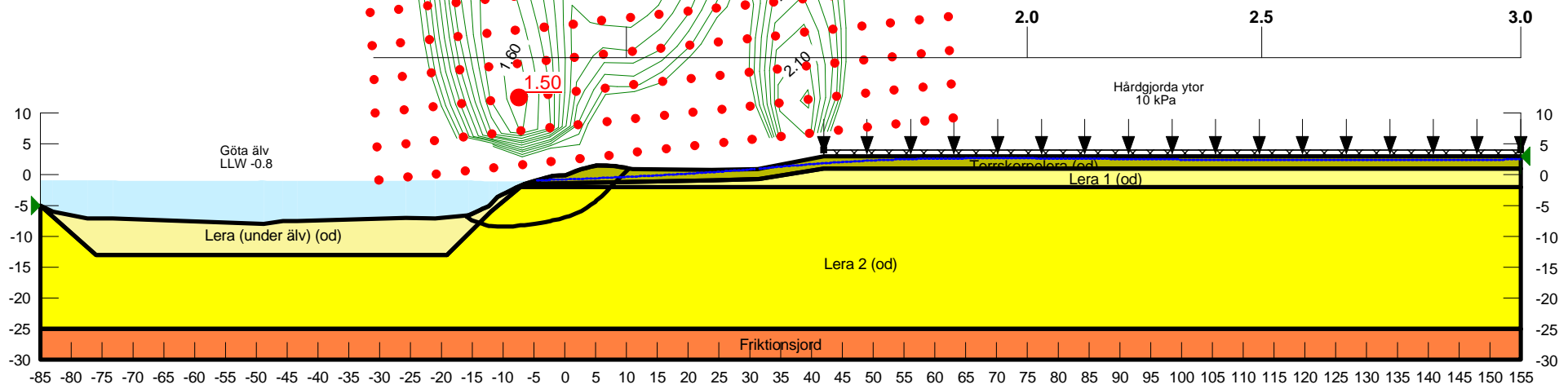
Name: Friktionsjord  
 Model: Mohr-Coulomb  
 Unit Weight: 20 kN/m<sup>3</sup>  
 Unit Wt. Above Water Table: 18 kN/m<sup>3</sup>  
 Cohesion: 0 kPa  
 Phi: 37 °

Name: Torrskorpelera (od)  
 Model: Undrained (Phi=0)  
 Unit Weight: 16 kN/m<sup>3</sup>  
 Cohesion: 12 kPa

Name: Lera 1 (od)  
 Model: Mohr-Coulomb  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Cohesion: 12 kPa  
 Phi: 0 °

Name: Lera 2 (od)  
 Model: S=f(datum)  
 Unit Weight: 16 kN/m<sup>3</sup>  
 C-Datum: 12 kPa  
 C-Rate of Change: 1.4 kPa/m  
 Limiting C: 0 kPa  
 Elevation: 8 m

Name: Lera (under älv) (od)  
 Model: Spatial Mohr-Coulomb  
 Unit Weight: 15 kN/m<sup>3</sup>  
 Cohesion Spatial Fn: New Cohesion Function  
 Phi: 0 °







# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.25

## STABILITETSKARTERING Göteborgs stad

### 77560WKS (H147-K1) Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 77560WKS\_H147-K1.gsz  
Senast sparad: 2011-08-19; 12:16:42

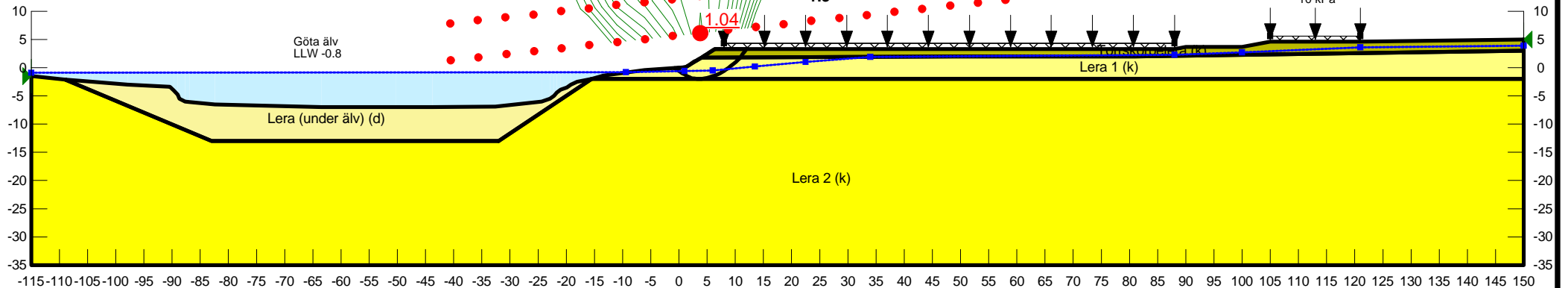
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Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 12 kPa  
Cu-Rate of Change: 1.4 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 8 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.26

## STABILITETSKARTERING Göteborgs stad

77560WUS (H147-K1)  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 77560WUS\_H147-K1.gsz  
Senast sparad: 2011-08-19; 12:24:57

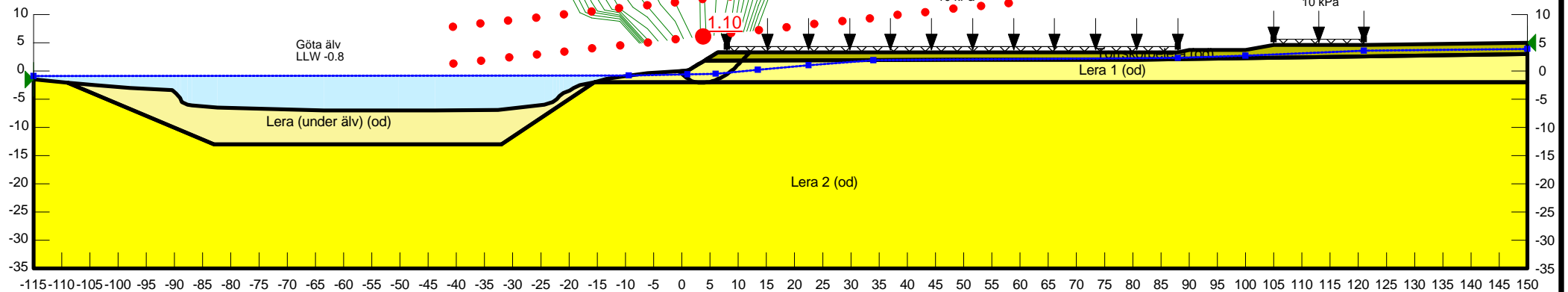
P:\23212305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\77560WUS\_H147-K1.gsz

Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 12 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Top of Layer: 12 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Datum: 12 kPa  
C-Rate of Change: 1.4 kPa/m  
Limiting C: 0 kPa  
Elevation: 8 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.27

## STABILITETSKARTERING Göteborgs stad

### 77825WKS (H147-K2) Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidtyor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 77825WKS\_H147-K2.gsz  
Senast sparad: 2011-08-19; 12:43:35

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SG1\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\77825WKS\_H147-K2.gsz

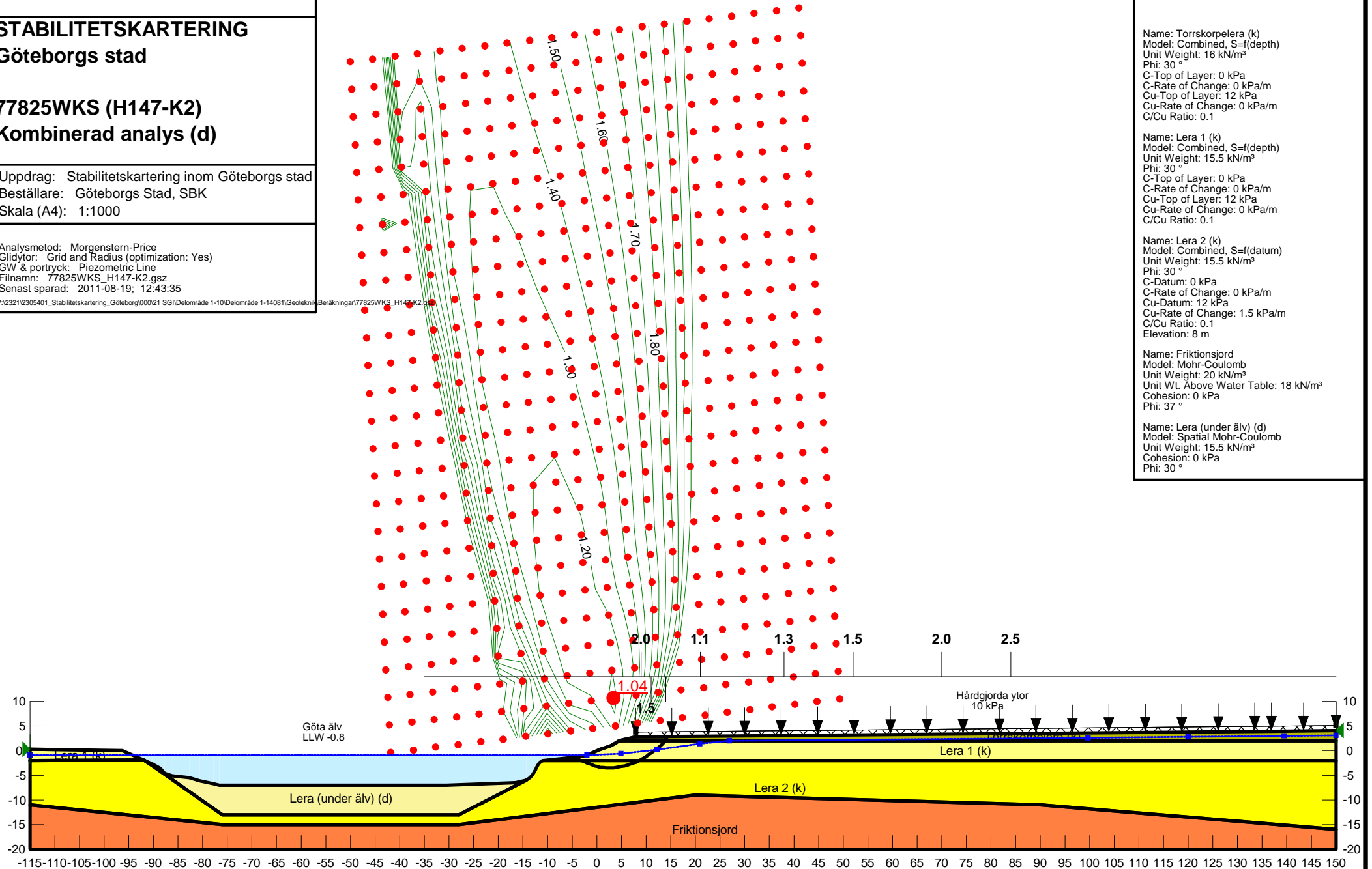
Name: Torrskorpepera (k)  
Model: Combined,  $S=f(\text{depth})$   
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined,  $S=f(\text{depth})$   
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined,  $S=f(\text{datum})$   
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 12 kPa  
Cu-Rate of Change: 1.5 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 8 m

Name: Friktionsjord  
Model: Mohr-Coulomb  
Unit Weight: 20 kN/m<sup>3</sup>  
Unit Wt. Above Water Table: 18 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 37 °

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °



**STABILITETSKARTERING**  
Göteborgs stad

**77825WUS (H147-K2)**  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 77825WUS\_H147-K2.gsz  
Senast sparad: 2011-08-19; 12:49:52

P:\232112305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\77825WUS\_H147-K2.gsz

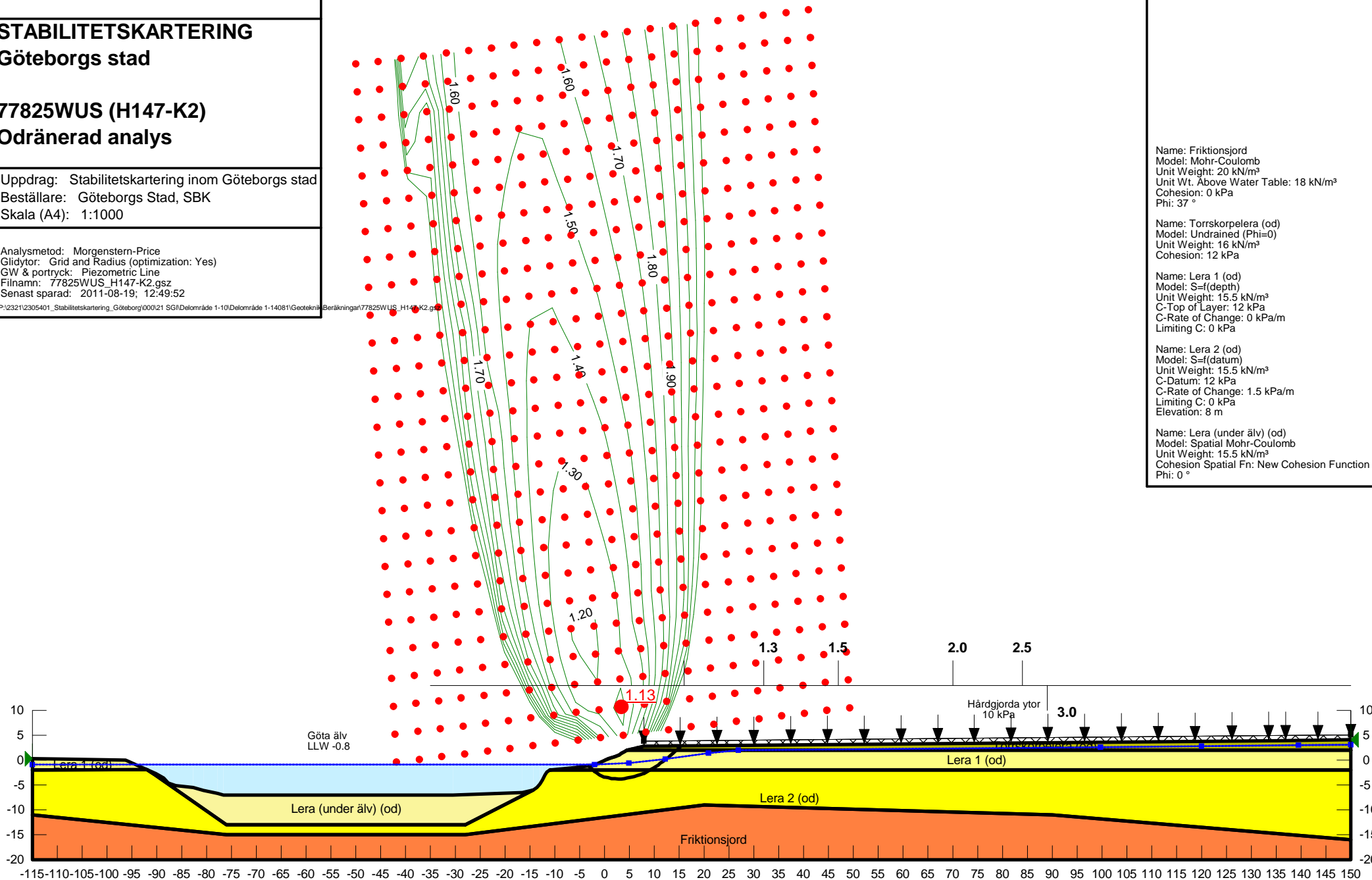
Name: Friktionsjord  
Model: Mohr-Coulomb  
Unit Weight: 20 kN/m<sup>3</sup>  
Unit Wt. Above Water Table: 18 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 37 °

Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 12 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 12 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 12 kPa  
C-Rate of Change: 1.5 kPa/m  
Limiting C: 0 kPa  
Elevation: 8 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0 °





**STABILITETSKARTERING**  
Göteborgs stad

**77920WKS (H147-K3)**  
**Kombinerad analys (d)**

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 77920WKS\_H147-K3.gsz  
Senast sparad: 2011-08-19; 13:02:45

P:\23212305401\_Stabilitetskartering\_Göteborg\000\21 SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\77920WKS\_H147-K3.gsz

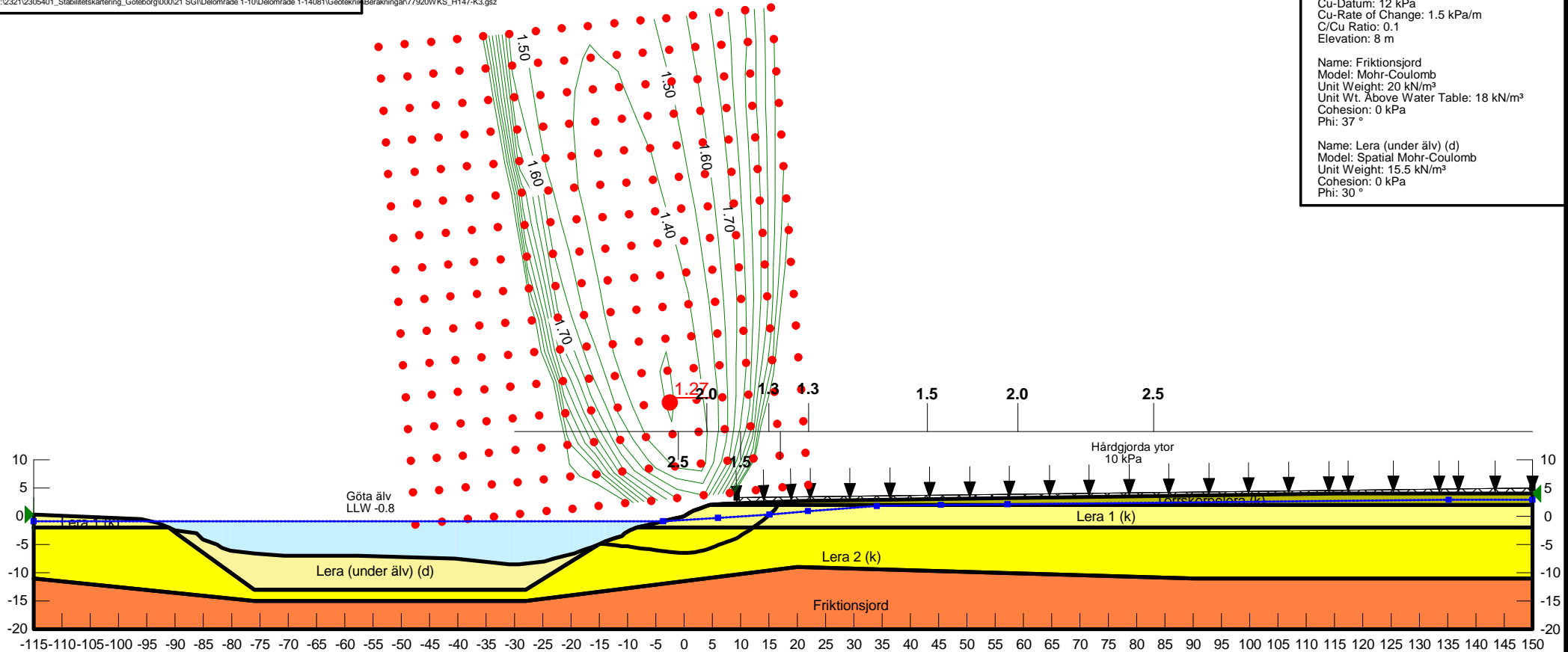
Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 12 kPa  
Cu-Rate of Change: 1.5 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 8 m

Name: Friktionsjord  
Model: Mohr-Coulomb  
Unit Weight: 20 kN/m<sup>3</sup>  
Unit Wt. Above Water Table: 18 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 37 °

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °



**STABILITETSKARTERING**

Göteborgs stad

77920WUS (H147-K3)

Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
 Gridtyor: Grid and Radius (optimization: No)  
 GW & portryck: Piezometric Line  
 Filnamn: 77920WUS\_H147-K3.gsz  
 Senast sparad: 2011-08-19; 13:27:14

P:\23212305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\77920WUS\_H147-K3.gsz

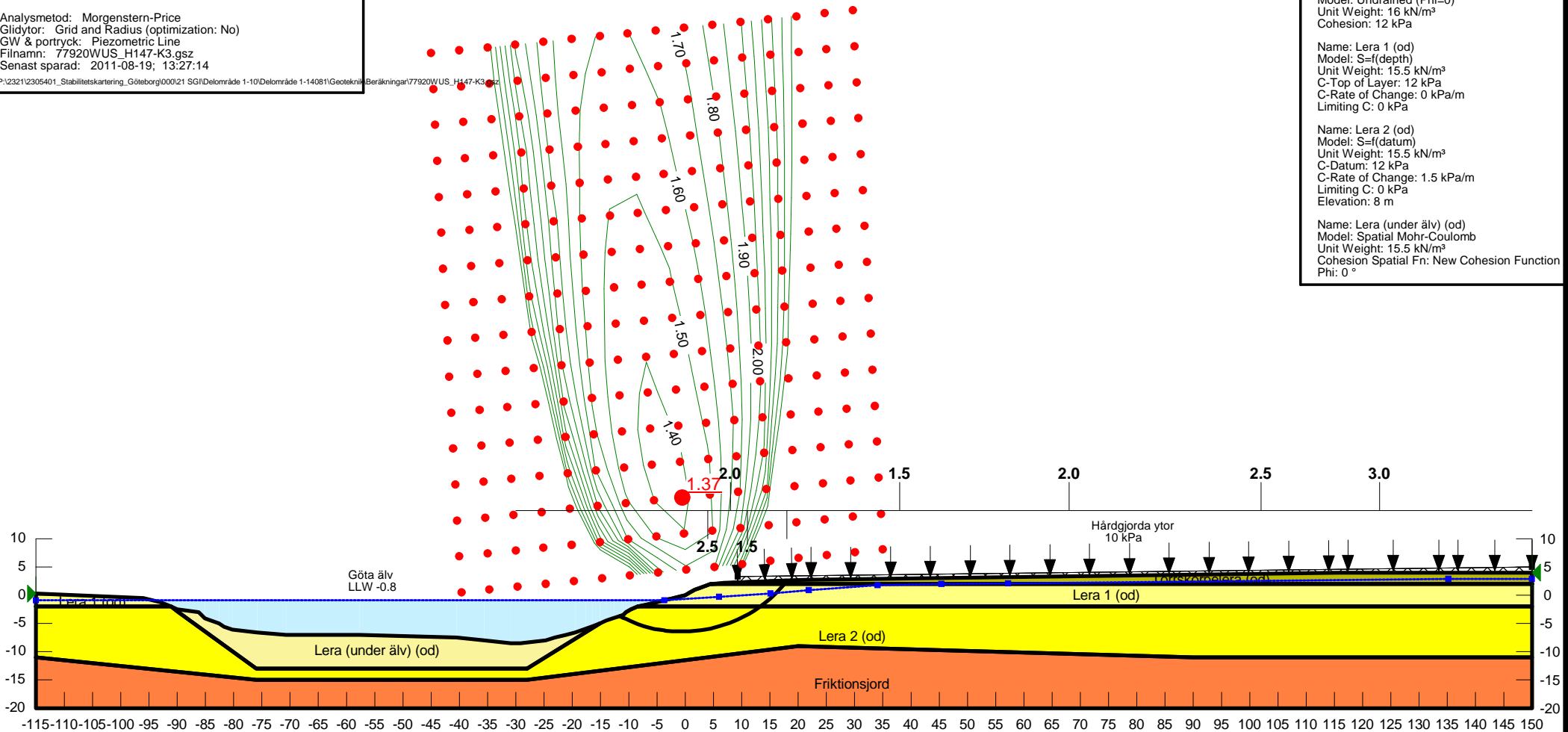
Name: Friktionsjord  
 Model: Mohr-Coulomb  
 Unit Weight: 20 kN/m<sup>3</sup>  
 Unit Wt. Above Water Table: 18 kN/m<sup>3</sup>  
 Cohesion: 0 kPa  
 Phi: 37 °

Name: Torrskorpelera (od)  
 Model: Undrained (Phi=0)  
 Unit Weight: 16 kN/m<sup>3</sup>  
 Cohesion: 12 kPa

Name: Lera 1 (od)  
 Model: S=f(depth)  
 Unit Weight: 15.5 kN/m<sup>3</sup>  
 C-Top of Layer: 12 kPa  
 C-Rate of Change: 0 kPa/m  
 Limiting C: 0 kPa

Name: Lera 2 (od)  
 Model: S=f(datum)  
 Unit Weight: 15.5 kN/m<sup>3</sup>  
 C-Datum: 12 kPa  
 C-Rate of Change: 1.5 kPa/m  
 Limiting C: 0 kPa  
 Elevation: 8 m

Name: Lera (under älv) (od)  
 Model: Spatial Mohr-Coulomb  
 Unit Weight: 15.5 kN/m<sup>3</sup>  
 Cohesion Spatial Fn: New Cohesion Function  
 Phi: 0 °





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.31

## STABILITETSKARTERING Göteborgs stad

### 78385WKS (H147-K4) Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidtyor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 78385WKS\_H147-K4.gsz  
Senast sparad: 2011-08-31; 15:05:47

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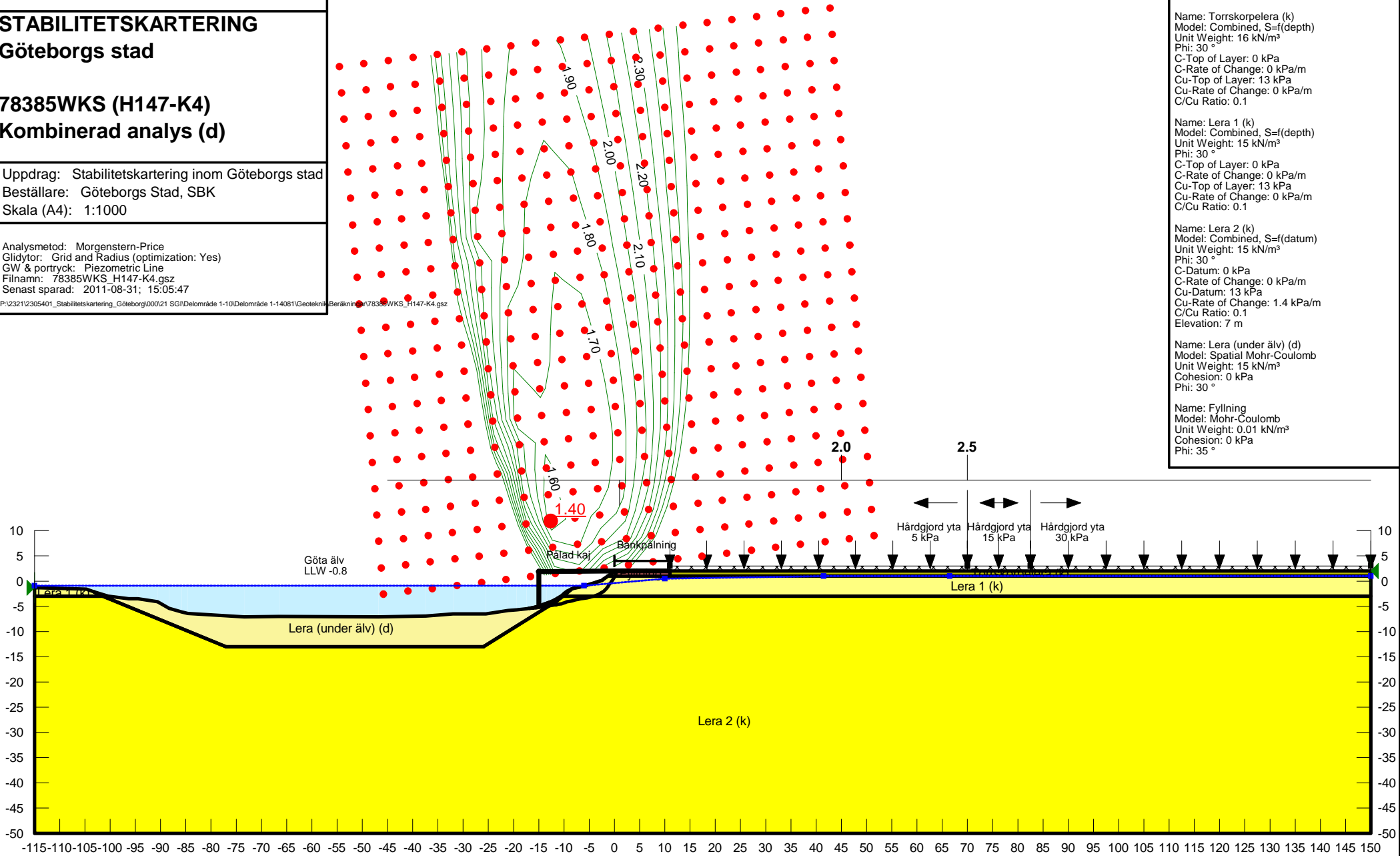
Name: Torrskorpelera (k)  
Model: Combined,  $S=f(\text{depth})$   
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 13 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined,  $S=f(\text{depth})$   
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 13 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined,  $S=f(\text{datum})$   
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 13 kPa  
Cu-Rate of Change: 1.4 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 7 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °

Name: Fyllning  
Model: Mohr-Coulomb  
Unit Weight: 0.01 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 35 °





**STABILITETSKARTERING**  
Göteborgs stad

**78385WUS (H147-K4)**  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 78385WUS\_H147-K4.gsz  
Senast sparad: 2011-08-31; 15:09:51

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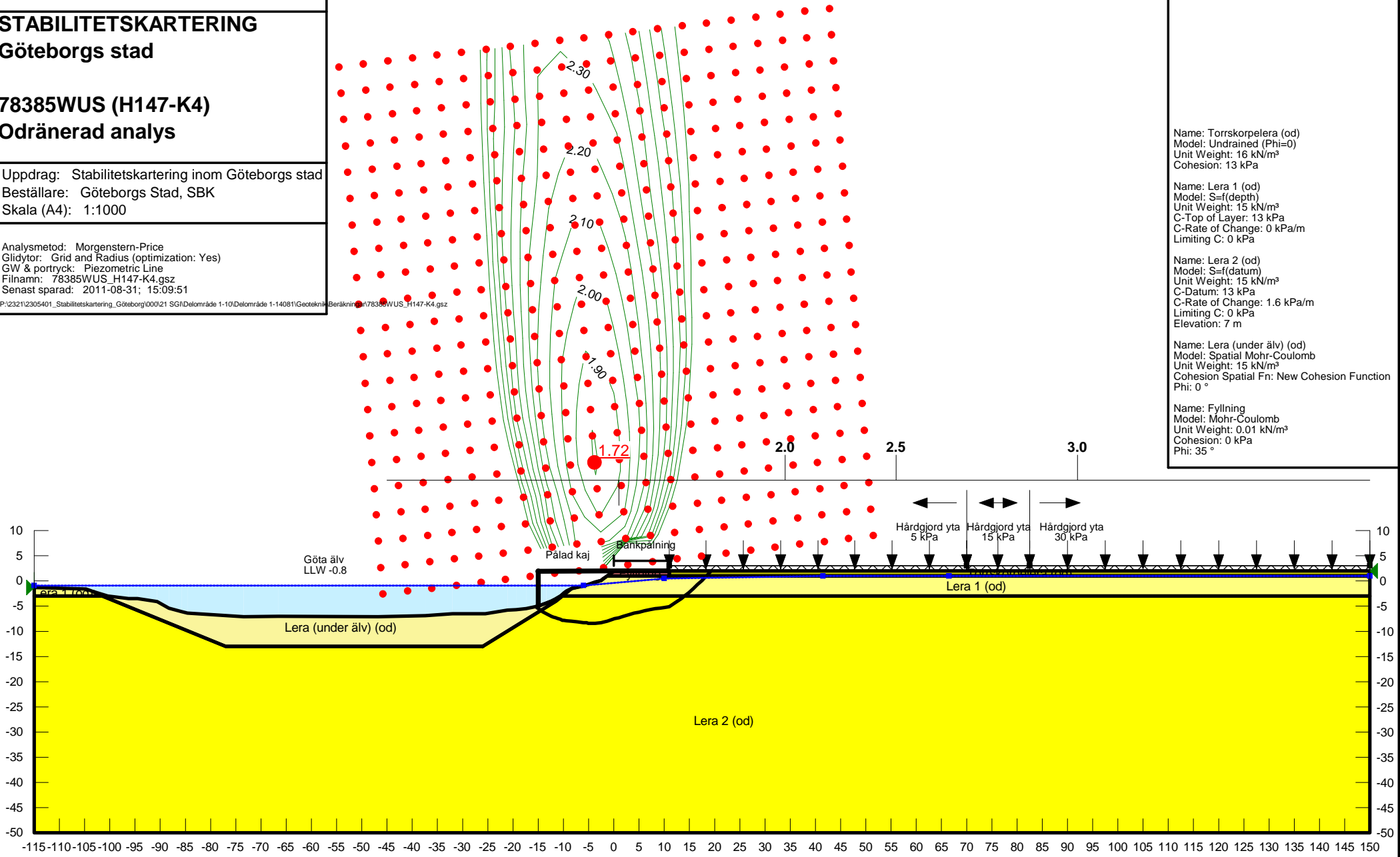
Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 13 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Top of Layer: 13 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Datum: 13 kPa  
C-Rate of Change: 1.6 kPa/m  
Limiting C: 0 kPa  
Elevation: 7 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0 °

Name: Fyllning  
Model: Mohr-Coulomb  
Unit Weight: 0.01 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 35 °







# STABILITETSKARTERING

Göteborgs stad

78610WKS (H147-K5)  
Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 78610WKS\_H147-K5.gsz  
Senast sparad: 2011-08-31; 15:35:38

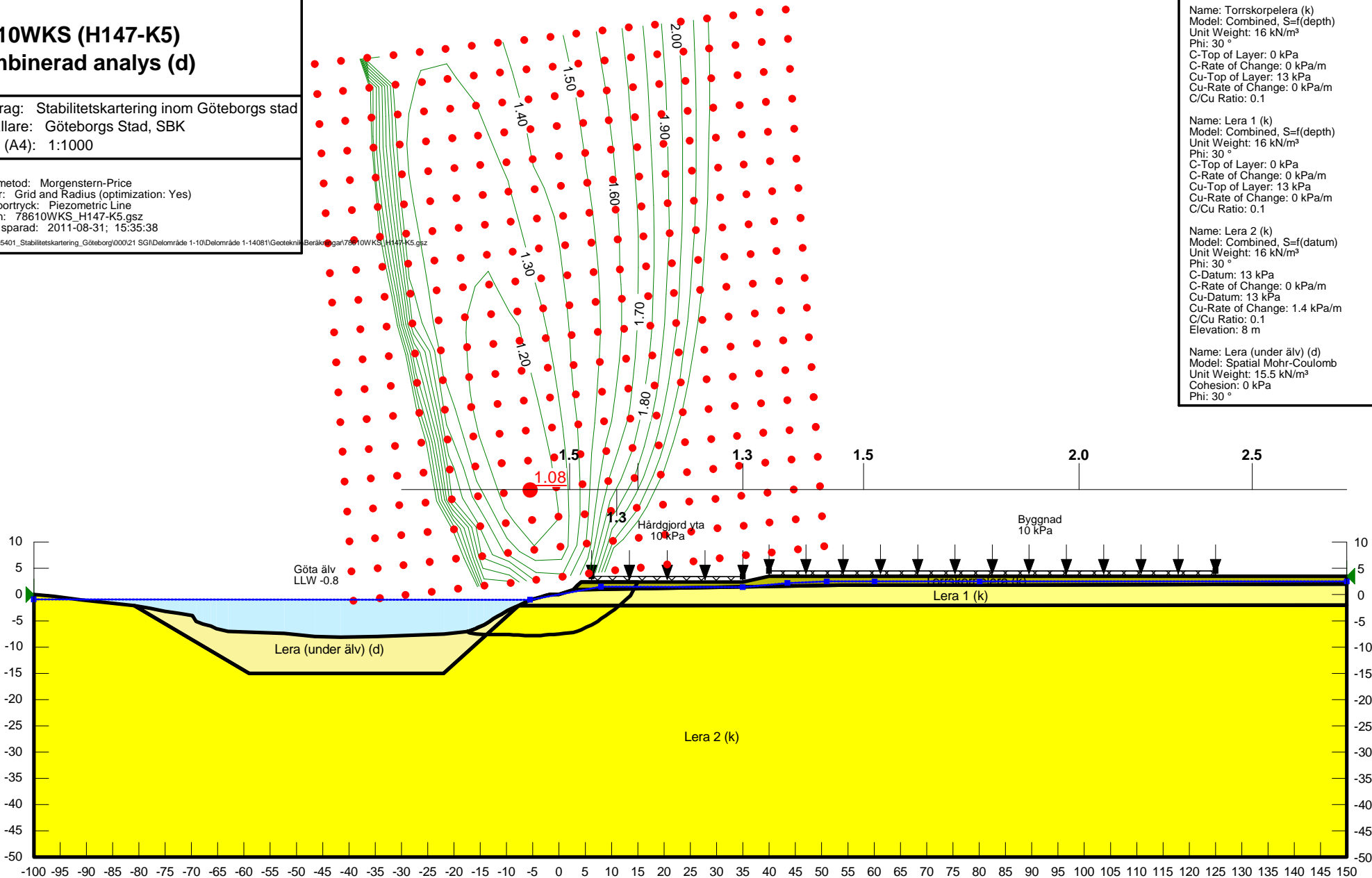
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Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 13 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 13 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 13 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 13 kPa  
Cu-Rate of Change: 1.4 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 8 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °





# STABILITETSKARTERING Göteborgs stad

## 78610WUS (H147-K5) Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Gridtyor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 78610WUS\_H147-K5.gsz  
Senast sparad: 2011-08-31; 15:46:38

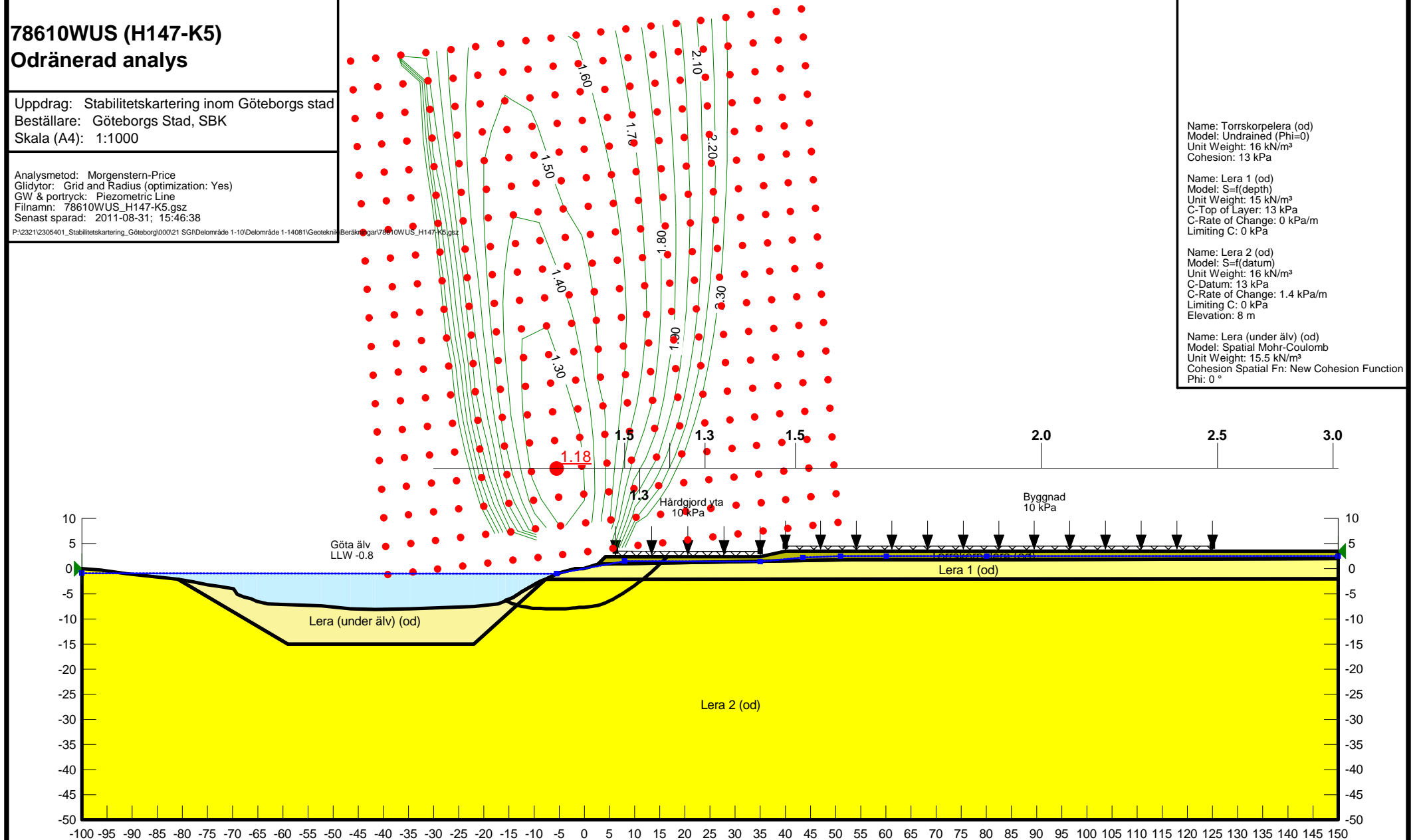
P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SG1\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\78610WUS\_H147-K5.gsz

Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 13 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Top of Layer: 13 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 16 kN/m<sup>3</sup>  
C-Datum: 13 kPa  
C-Rate of Change: 1.4 kPa/m  
Limiting C: 0 kPa  
Elevation: 8 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0 °





# STABILITETSKARTERING Göteborgs stad

79120WKS (H147-K6)  
Kombinerad analys (od)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 79120WKS\_H147-K6.gsz  
Senast sparad: 2011-08-31; 16:15:37

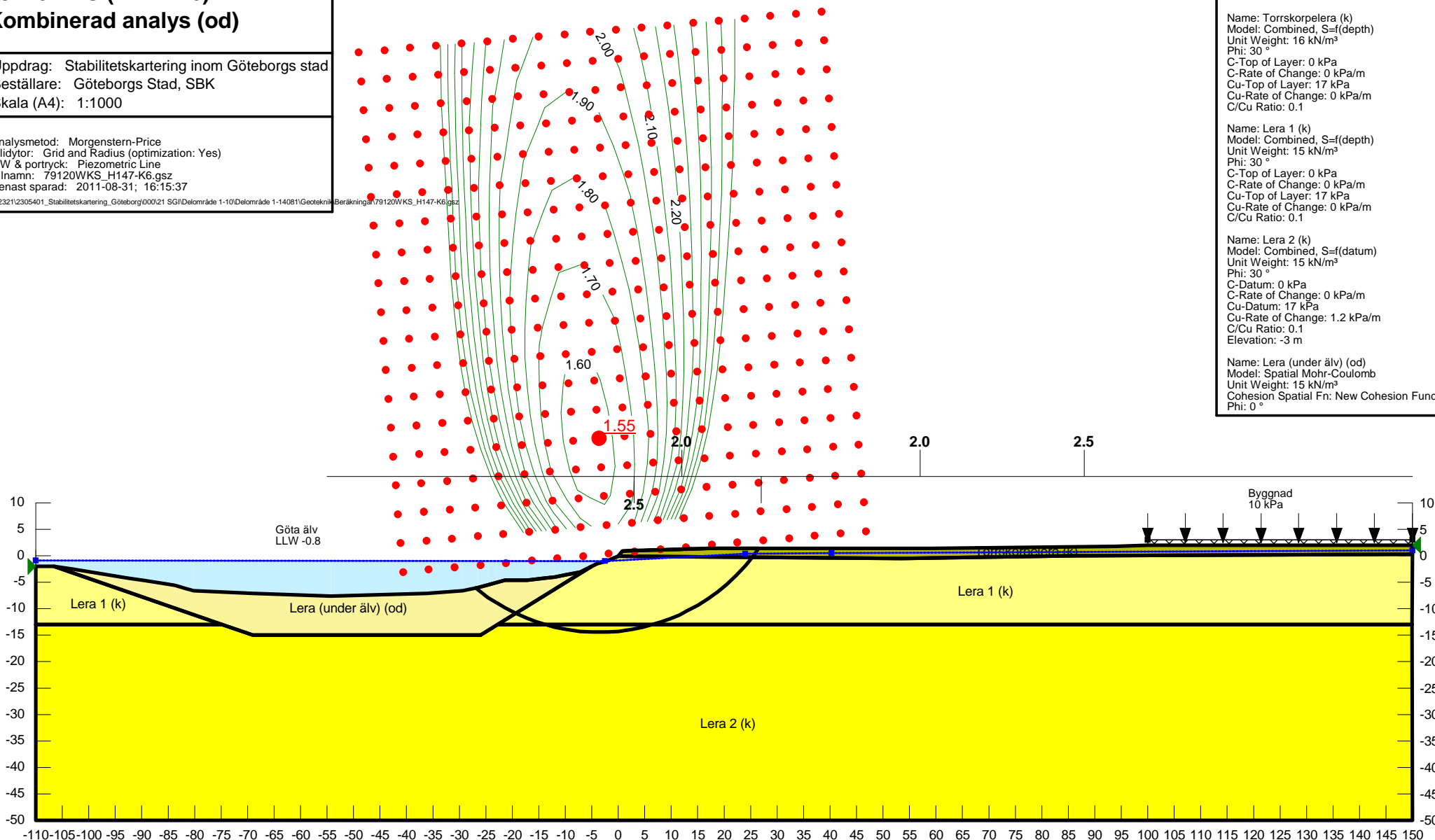
P:\23212305401\_Stabilitetskartering\_Göteborg\00021 SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\79120WKS\_H147-K6.gsz

Name: Torrskorperlera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 17 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 17 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 17 kPa  
Cu-Rate of Change: 1.2 kPa/m  
C/Cu Ratio: 0.1  
Elevation: -3 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0 °





# STABILITETSKARTERING

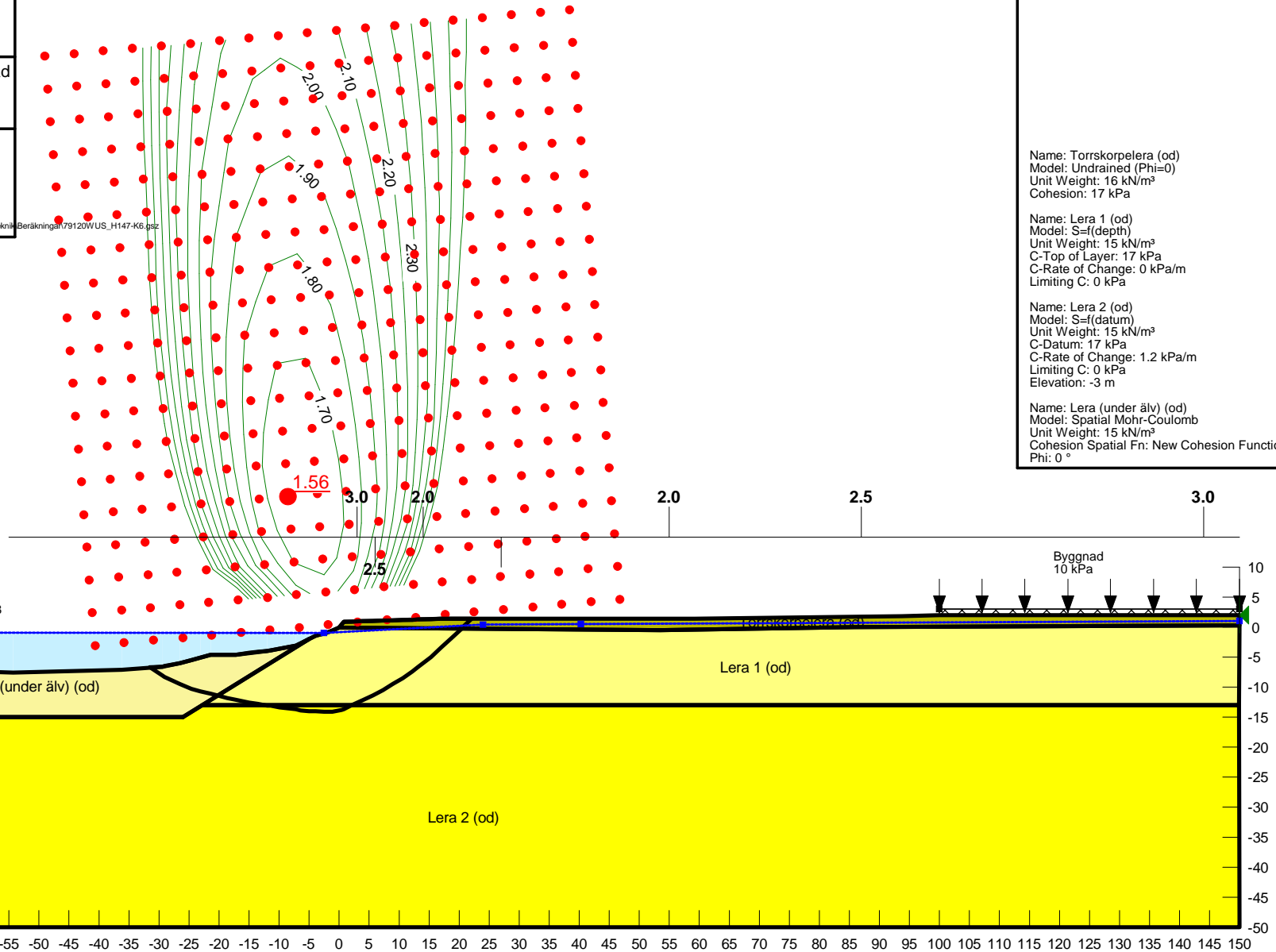
## Göteborgs stad

79120WUS (H147-K6)  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 79120WUS\_H147-K6.gsz  
Senast sparad: 2011-08-31; 16:18:23

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\79120WUS\_H147-K6.gsz



Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 17 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Top of Layer: 17 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Datum: 17 kPa  
C-Rate of Change: 1.2 kPa/m  
Limiting C: 0 kPa  
Elevation: -3 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0 °



# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.37

## STABILITETSKARTERING Göteborgs stad

79350WKS (H147-K7)  
Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Gridtyor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 79350WKS\_H147-K7.gsz  
Senast sparad: 2011-08-19; 15:23:42

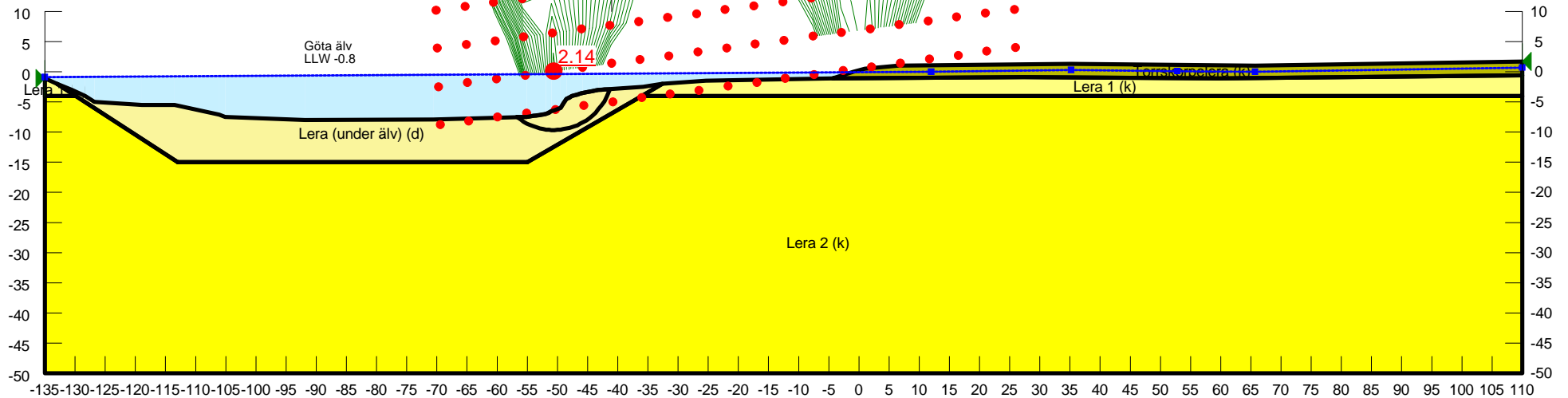
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Name: Torrskorpelera (k)  
Model: Combined,  $S=f(\text{depth})$   
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 11 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined,  $S=f(\text{depth})$   
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 11 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined,  $S=f(\text{datum})$   
Unit Weight: 15 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 11 kPa  
Cu-Rate of Change: 1.4 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 6 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.38

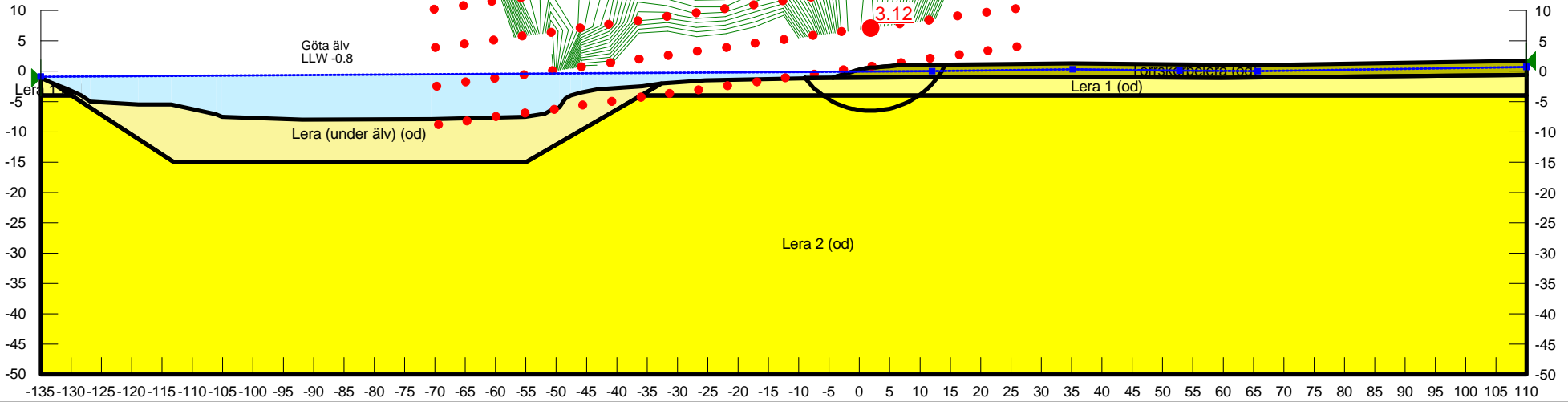
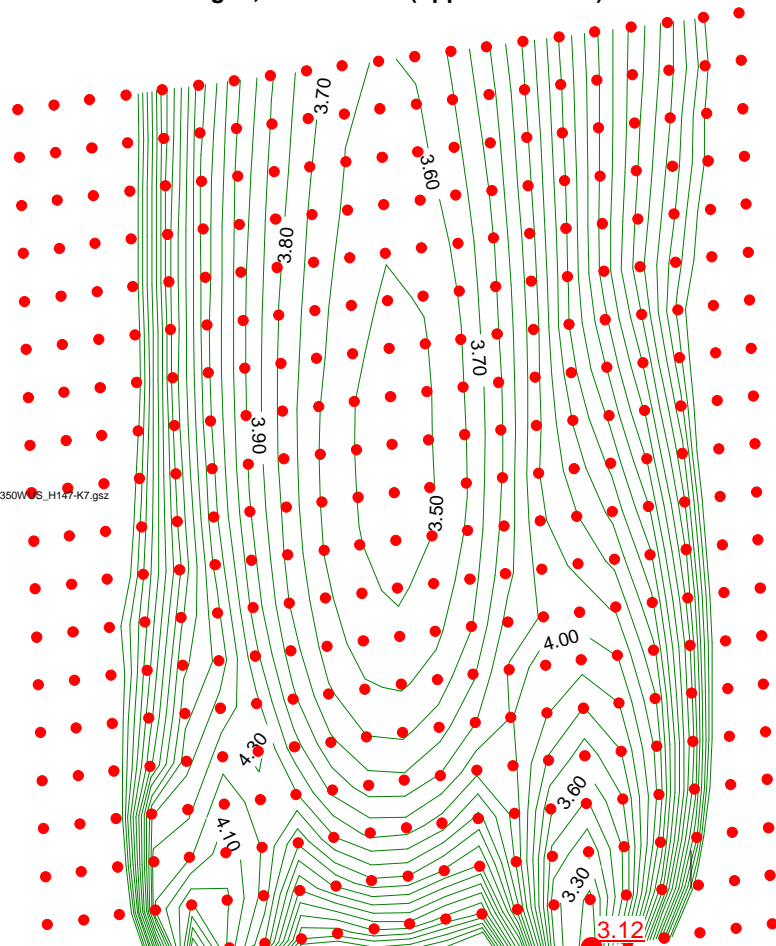
## STABILITETSKARTERING Göteborgs stad

### 79350WUS (H147-K7) Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 79350WUS\_H147-K7.gsz  
Senast sparad: 2011-08-30; 10:22:20

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\79350WUS\_H147-K7.gsz



Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 11 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Top of Layer: 11 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15 kN/m<sup>3</sup>  
C-Datum: 11 kPa  
C-Rate of Change: 1.4 kPa/m  
Limiting C: 0 kPa  
Elevation: 6 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°

**STABILITETSKARTERING**  
Göteborgs stad

**79730WKS (H096-K1)**  
**Kombinerad analys (d)**

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 79730WKS\_H096-K1.gsz  
Senast sparad: 2011-08-19; 15:43:24

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\79730WKS\_H096-K1.gsz

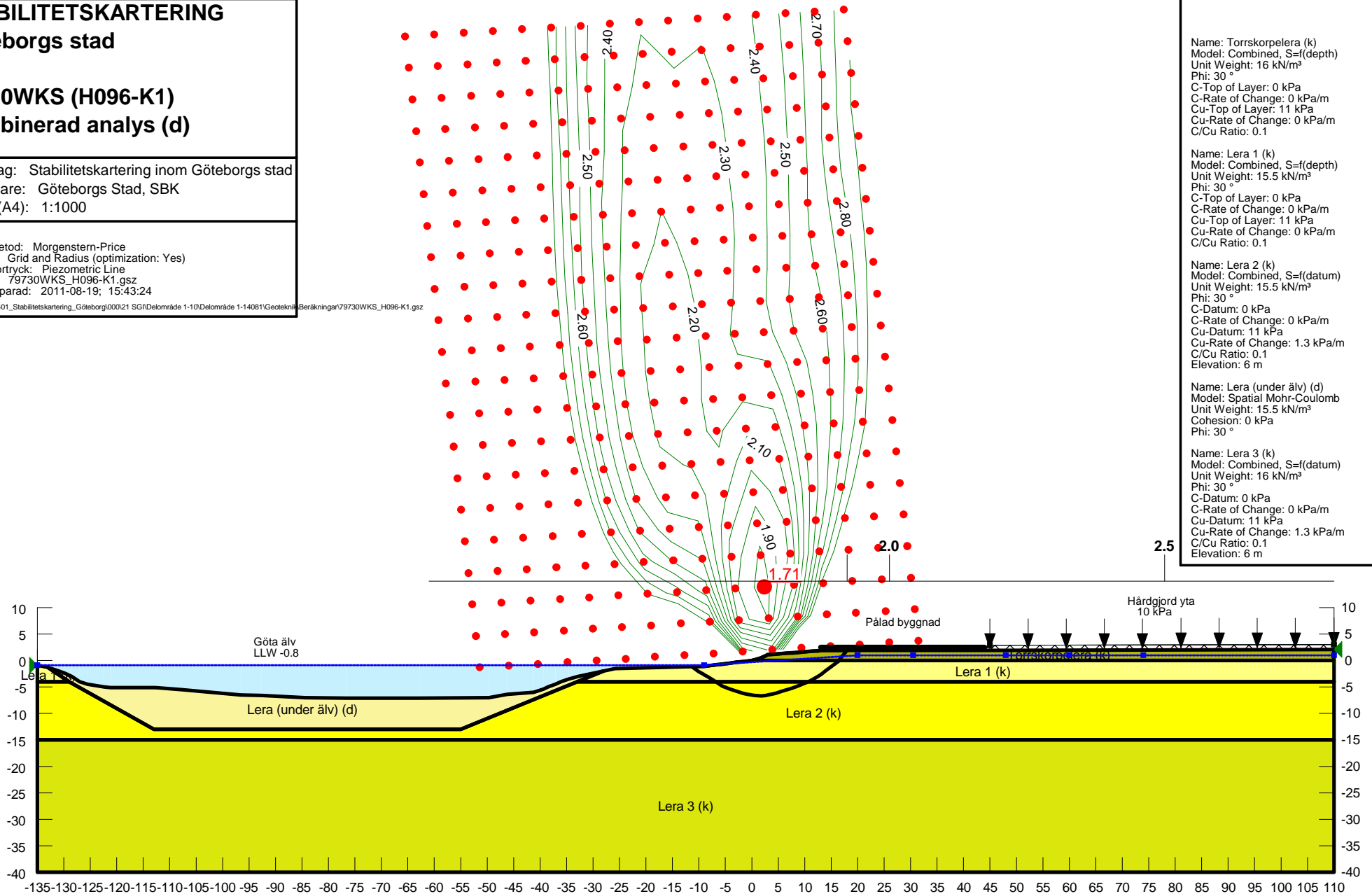
Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 11 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 11 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 11 kPa  
Cu-Rate of Change: 1.3 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 6 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °

Name: Lera 3 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 11 kPa  
Cu-Rate of Change: 1.3 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 6 m





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.40

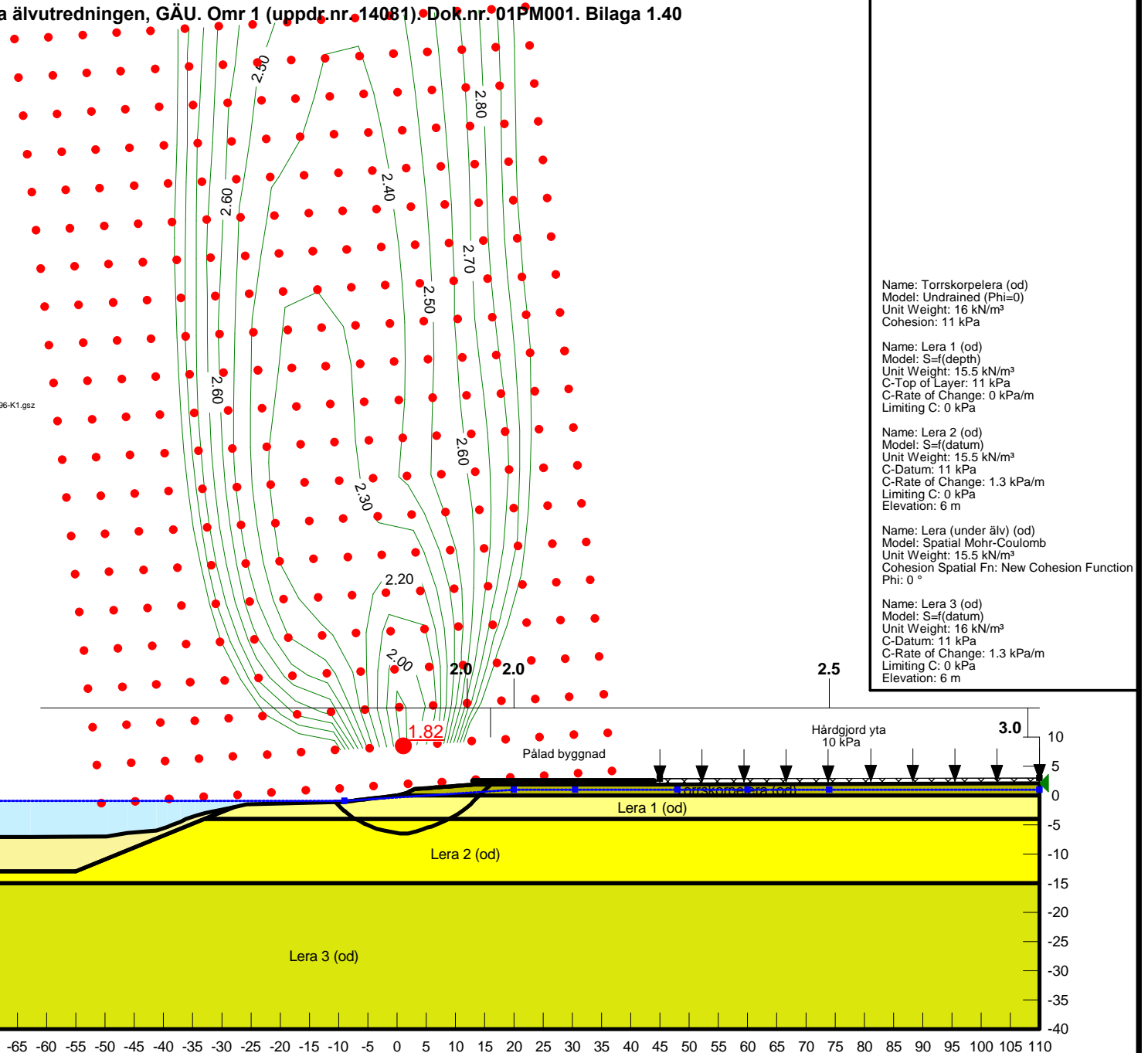
## STABILITETSKARTERING Göteborgs stad

79730WUS (H096-K1)  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 79730WUS\_H096-K1.gsz  
Senast sparad: 2011-08-19; 15:51:51

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\79730WUS\_H096-K1.gsz







# Göta älvtredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.41

## STABILITETSKARTERING Göteborgs stad

### 80105WKS (H096-K2) Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 80105WKS\_H096-K2.gsz  
Senast sparad: 2011-08-19; 16:01:01

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\80105WKS\_H096-K2.gsz

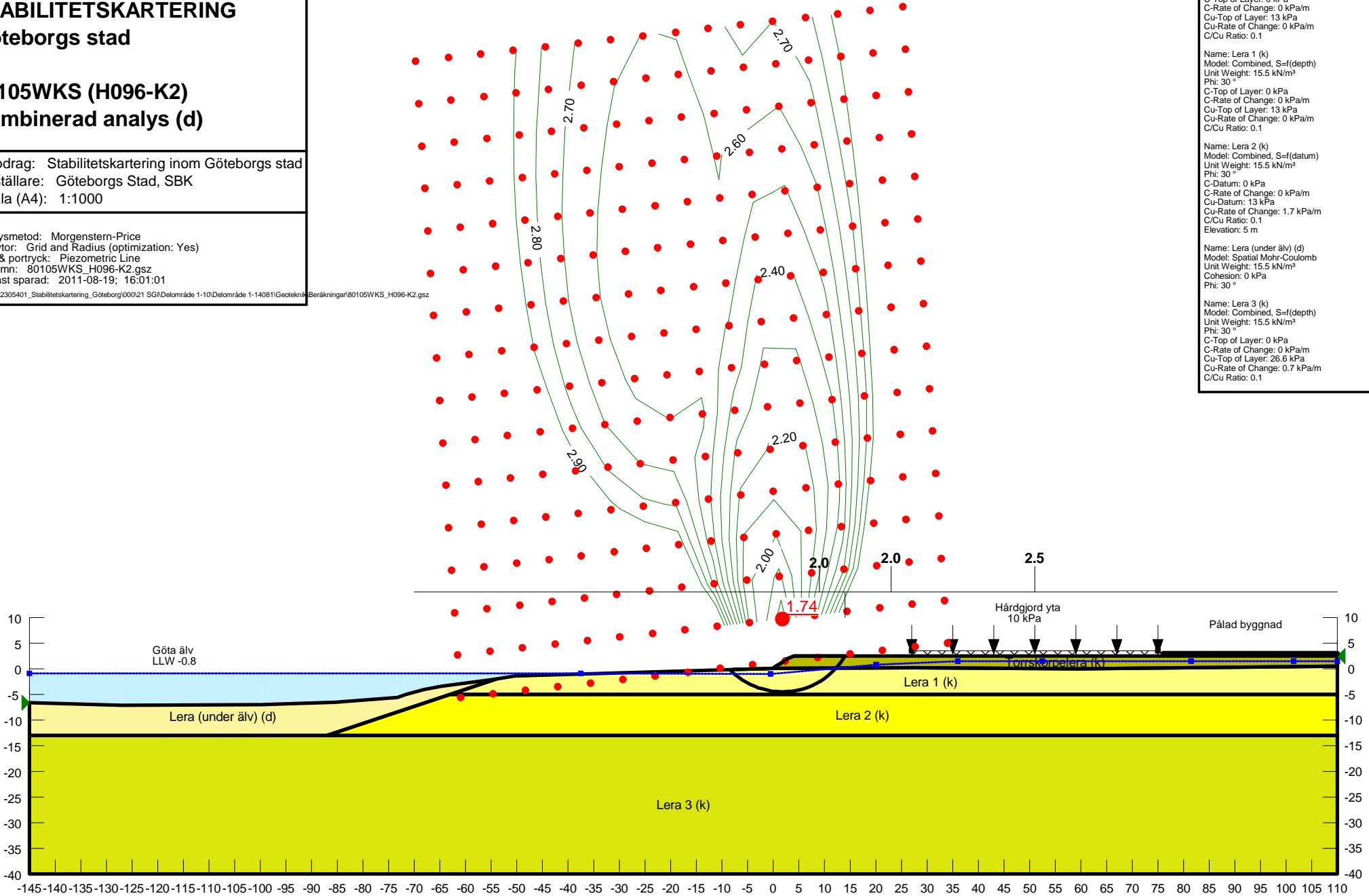
Name: Torrsorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 13 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 13 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 13 kPa  
Cu-Rate of Change: 1.7 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 5 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °

Name: Lera 3 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 26.6 kPa  
Cu-Rate of Change: 0.7 kPa/m  
C/Cu Ratio: 0.1



**STABILITETSKARTERING**  
Göteborgs stad

**80105WUS (H096-K2)**  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 80105WUS\_H096-K2.gsz  
Senast sparad: 2011-08-19; 15:57:12

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\80105WUS\_H096-K2.gsz

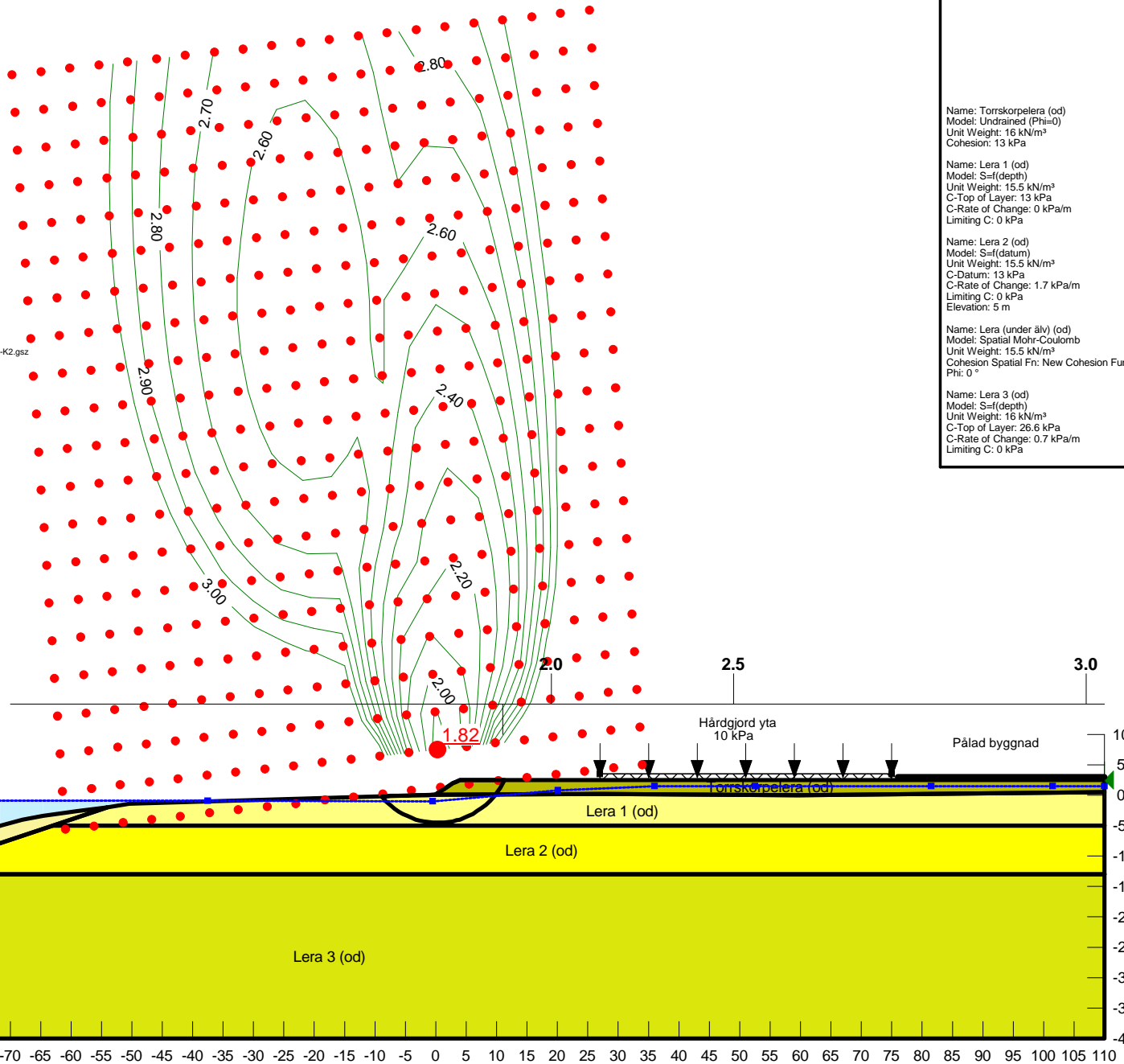
Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 13 kPa

Name: Lera 1 (od)  
Model: S=(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 13 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 13 kPa  
C-Rate of Change: 1.7 kPa/m  
Limiting C: 0 kPa  
Elevation: 5 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°

Name: Lera 3 (od)  
Model: S=(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
C-Top of Layer: 26.6 kPa  
C-Rate of Change: 0.7 kPa/m  
Limiting C: 0 kPa





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.43

## STABILITETSKARTERING Göteborgs stad

80385WKS (H096-K3)  
Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 80385WKS\_H096-K3.gsz  
Senast sparad: 2011-09-01; 11:07:58

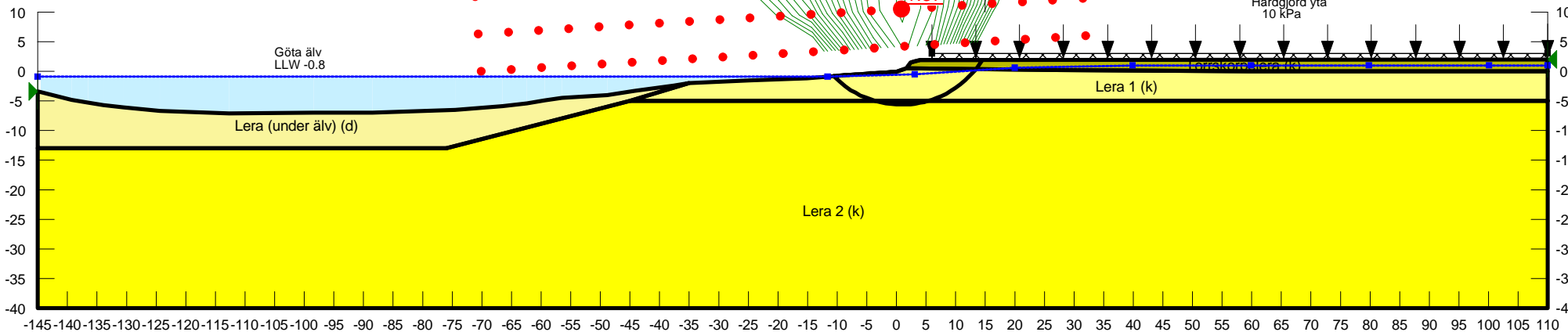
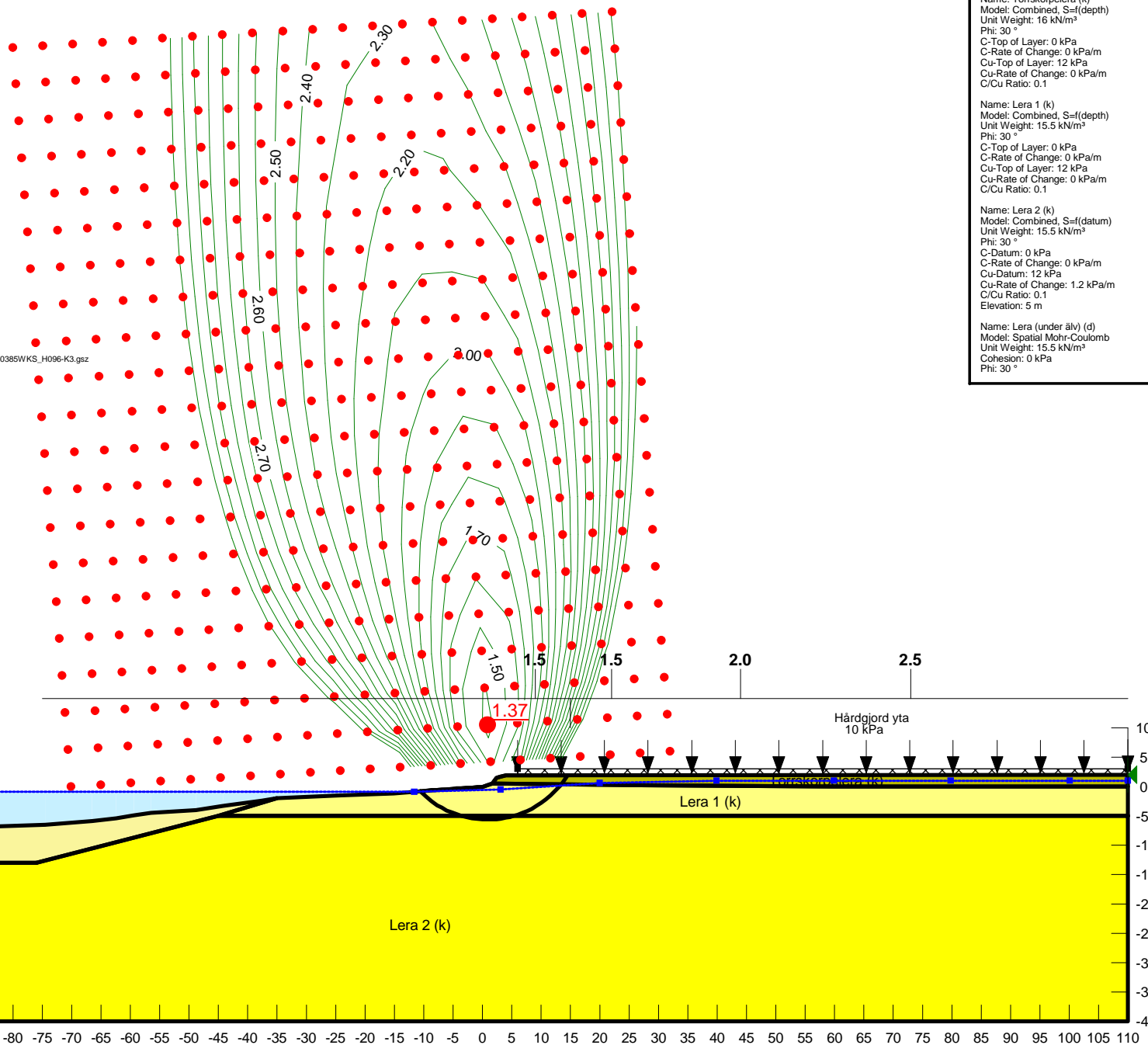
P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\80385WKS\_H096-K3.gsz

Name: Torrskorperera (k)  
Model: Combined, S=(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 12 kPa  
Cu-Rate of Change: 1.2 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 5 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.44

## STABILITETSKARTERING Göteborgs stad

80385WUS (H096-K3)  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 80385WUS\_H096-K3.gsz  
Senast sparad: 2011-09-01; 11:32:56

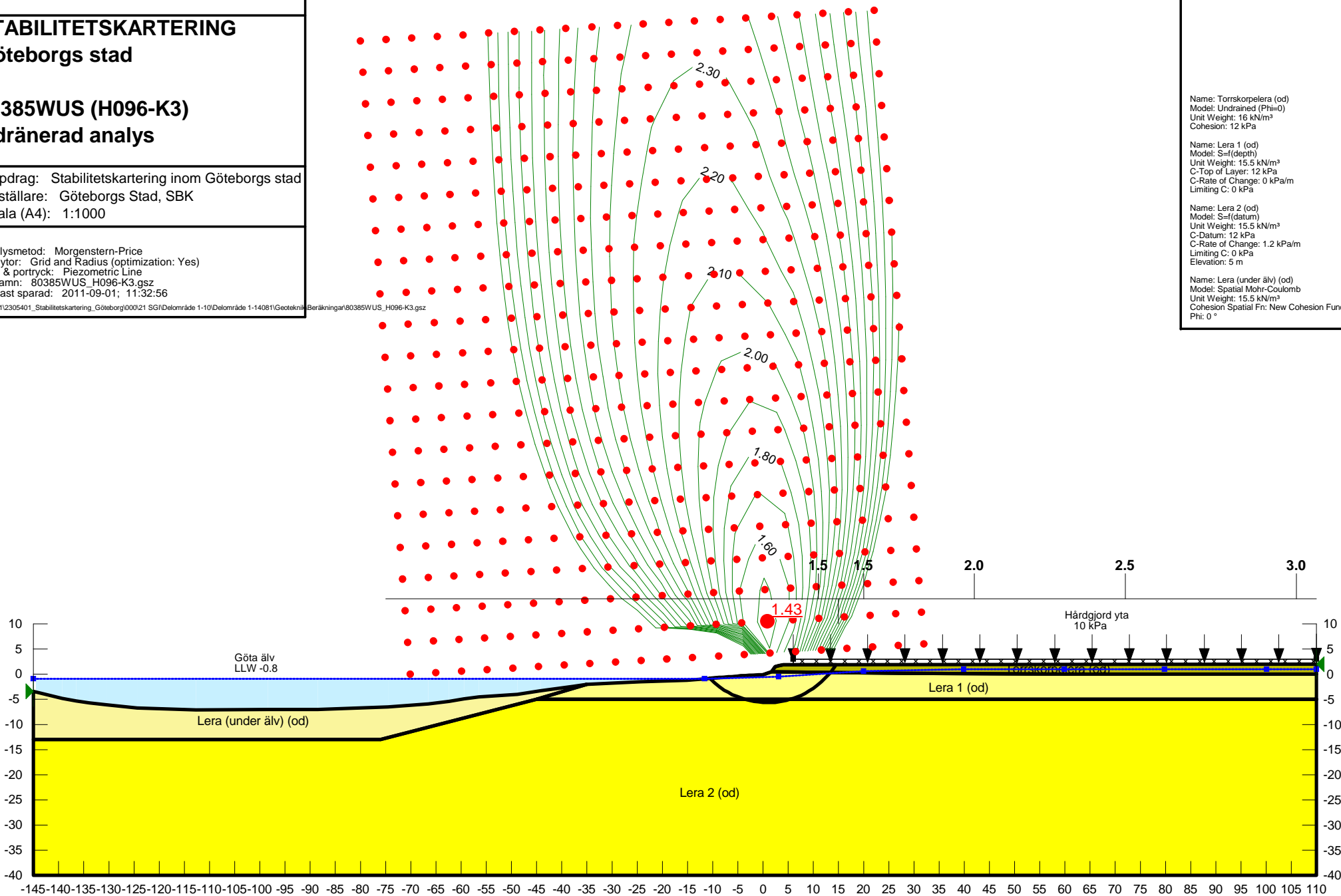
P:\23212305401\_Stabilitetskartering\_Göteborg\000\21 SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\80385WUS\_H096-K3.gsz

Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 12 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 12 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 12 kPa  
C-Rate of Change: 1.2 kPa/m  
Limiting C: 0 kPa  
Elevation: 5 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion Spatial Fr: New Cohesion Function  
Phi: 0 °





# STABILITETSKARTERING

## Göteborgs stad

**80635WKS (H096-K4)**  
**Kombinerad analys (d)**

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 80635WKS\_H096-K4.gsz  
Senast sparad: 2011-09-21; 10:18:14

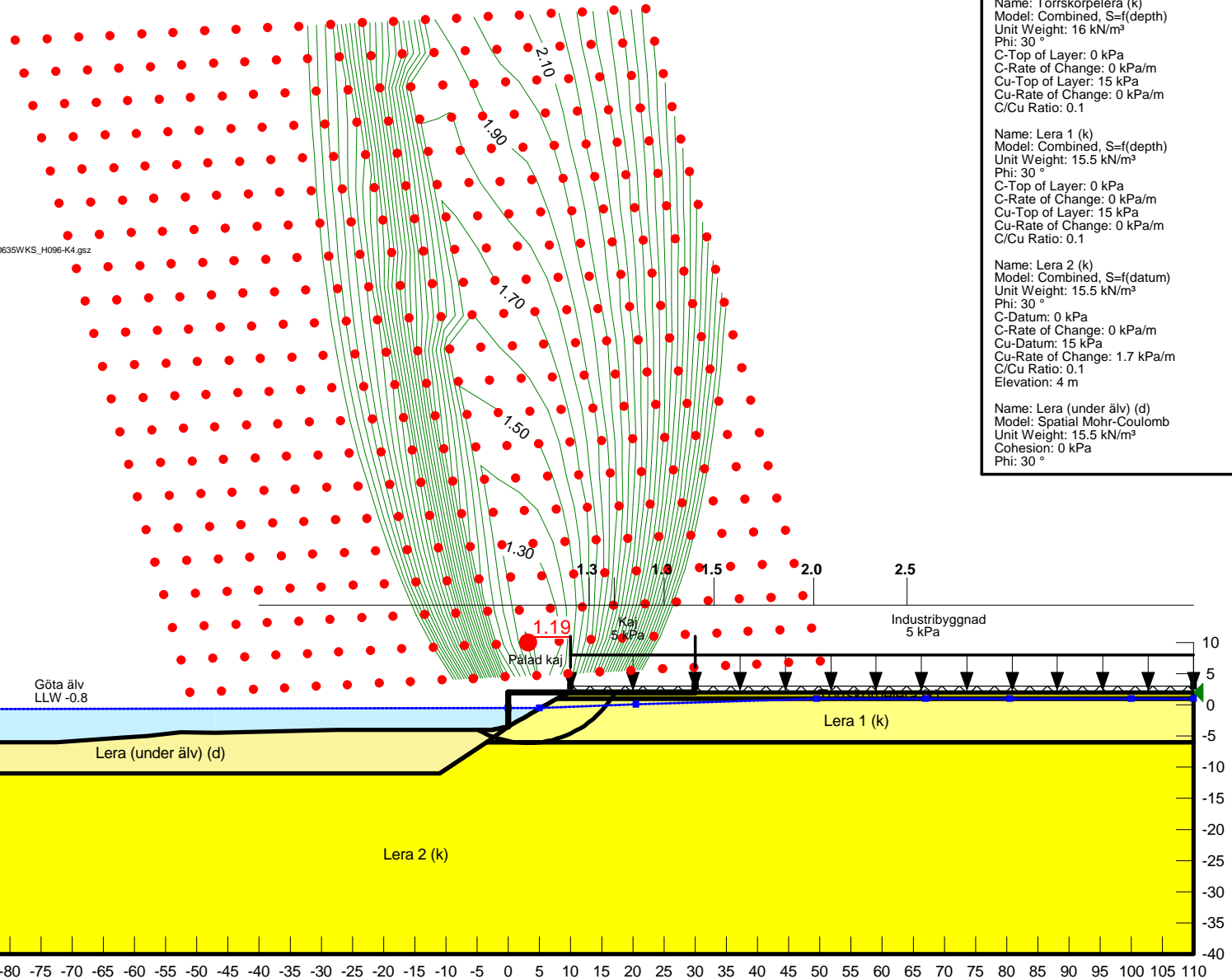
P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21 SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\80635WKS\_H096-K4.gsz

Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 15 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 15 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 15 kPa  
Cu-Rate of Change: 1.7 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 4 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °



**STABILITETSKARTERING**  
Göteborgs stad

**80635WUS (H096-K4)**  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 80635WUS\_H096-K4.gsz  
Senast sparad: 2011-09-21; 10:18:14

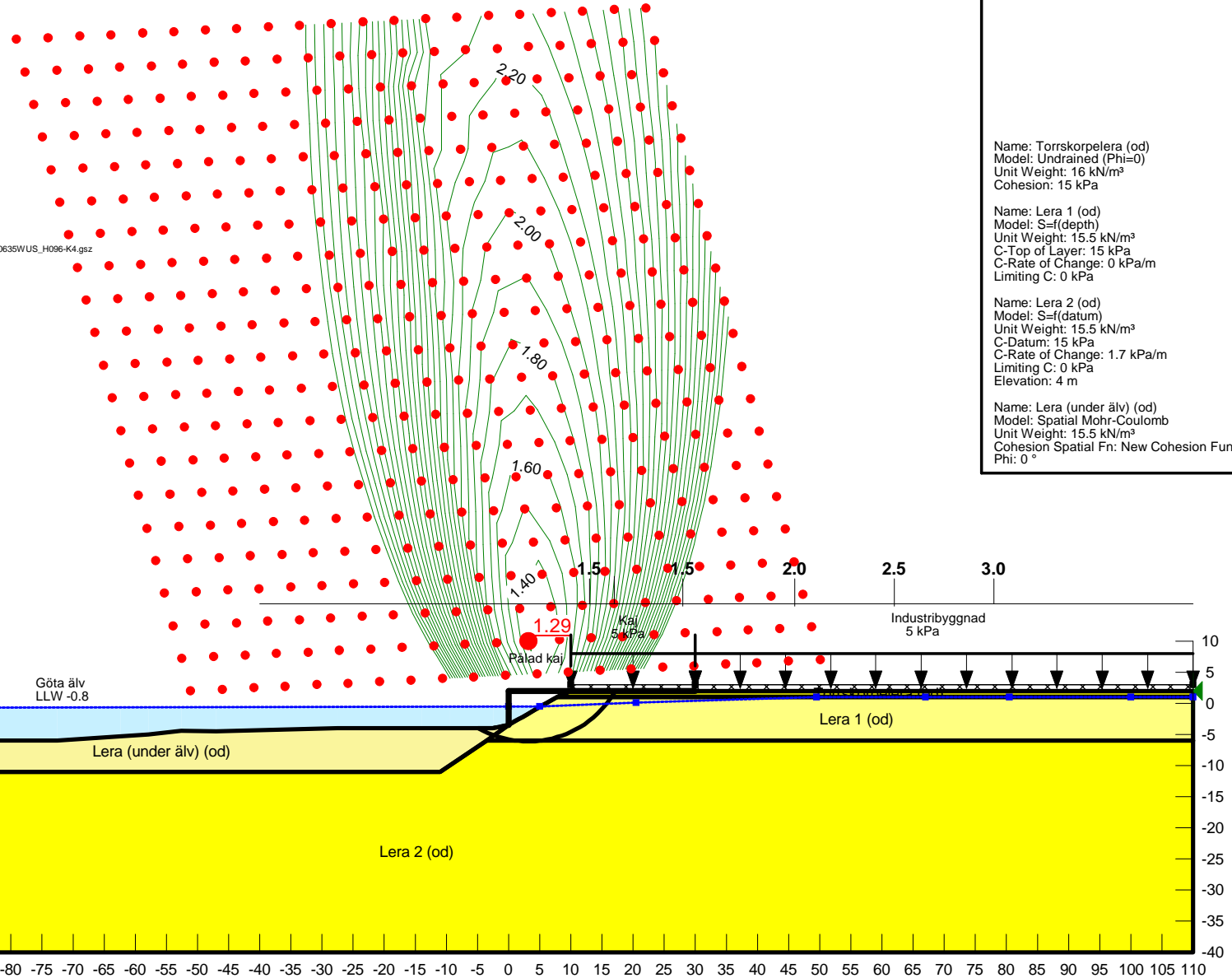
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Name: Torrsorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 15 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 15 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 15 kPa  
C-Rate of Change: 1.7 kPa/m  
Limiting C: 0 kPa  
Elevation: 4 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.47

## STABILITETSKARTERING Göteborgs stad

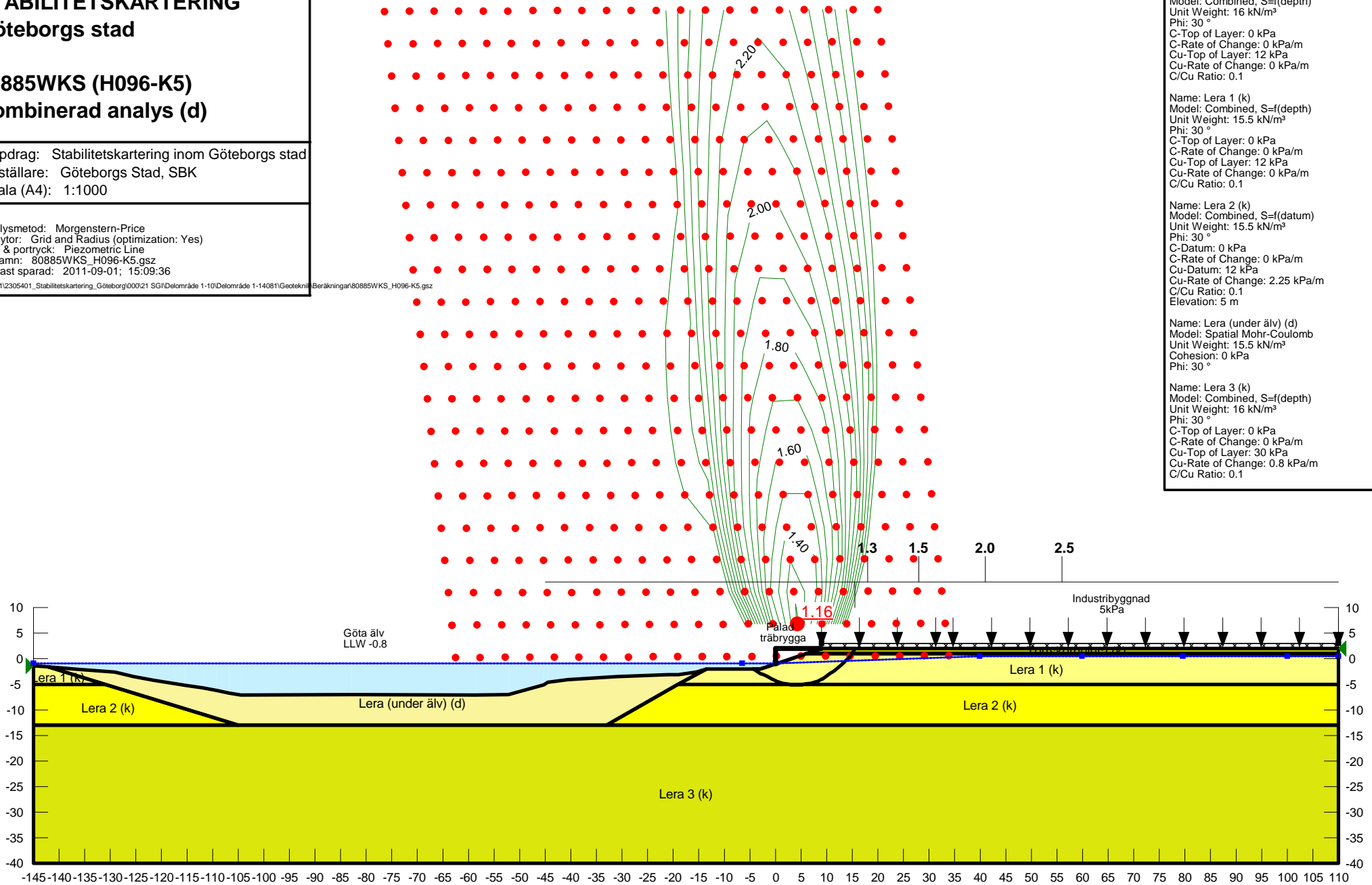
### 80885WKS (H096-K5) Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 80885WKS\_H096-K5.gsz  
Senast sparad: 2011-09-01; 15:09:36

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- Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1
- Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 12 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1
- Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 12 kPa  
Cu-Rate of Change: 2.25 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 5 m
- Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °
- Name: Lera 3 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
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: 0.8 kPa/m  
C/Cu Ratio: 0.1





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.48

## STABILITETSKARTERING

Göteborgs stad

80885WUS (H096-K5)

Odränerad analys

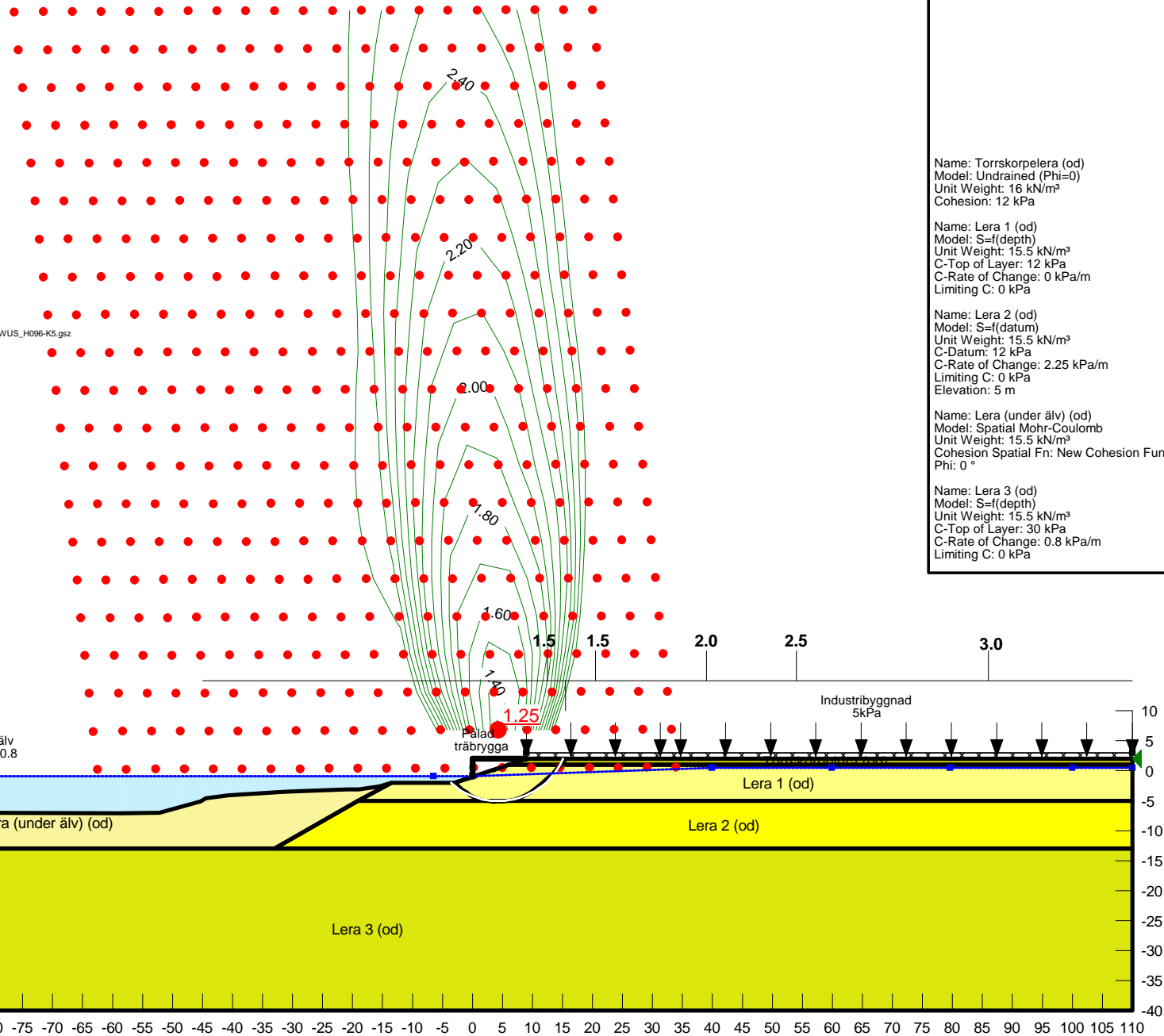
Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidtyor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 80885WUS\_H096-K5.gsz  
Senast sparad: 2011-09-01; 15:20:57

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21 SGI\Delområde 1-14081\Geoteknik\Beräkningar\80885WUS\_H096-K5.gsz



Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 12 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 12 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 12 kPa  
C-Rate of Change: 2.25 kPa/m  
Limiting C: 0 kPa  
Elevation: 5 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°

Name: Lera 3 (od)  
Model: S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 30 kPa  
C-Rate of Change: 0.8 kPa/m  
Limiting C: 0 kPa





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.49

## STABILITETSKARTERING

Göteborgs stad

81135WKS (H096-K6)  
Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 81135WKS\_H096-K6.gsz  
Senast sparad: 2011-08-22; 10:27:10

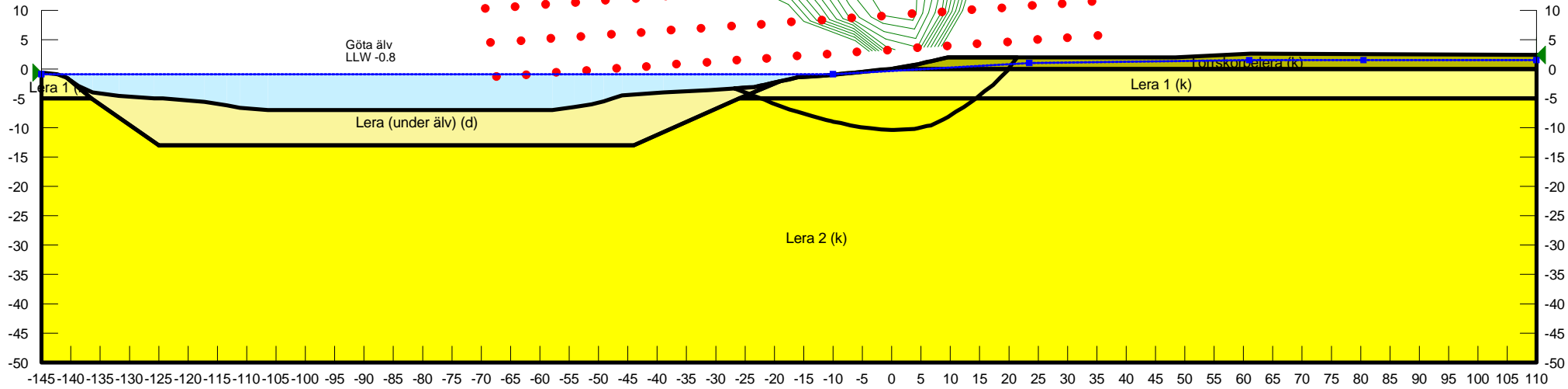
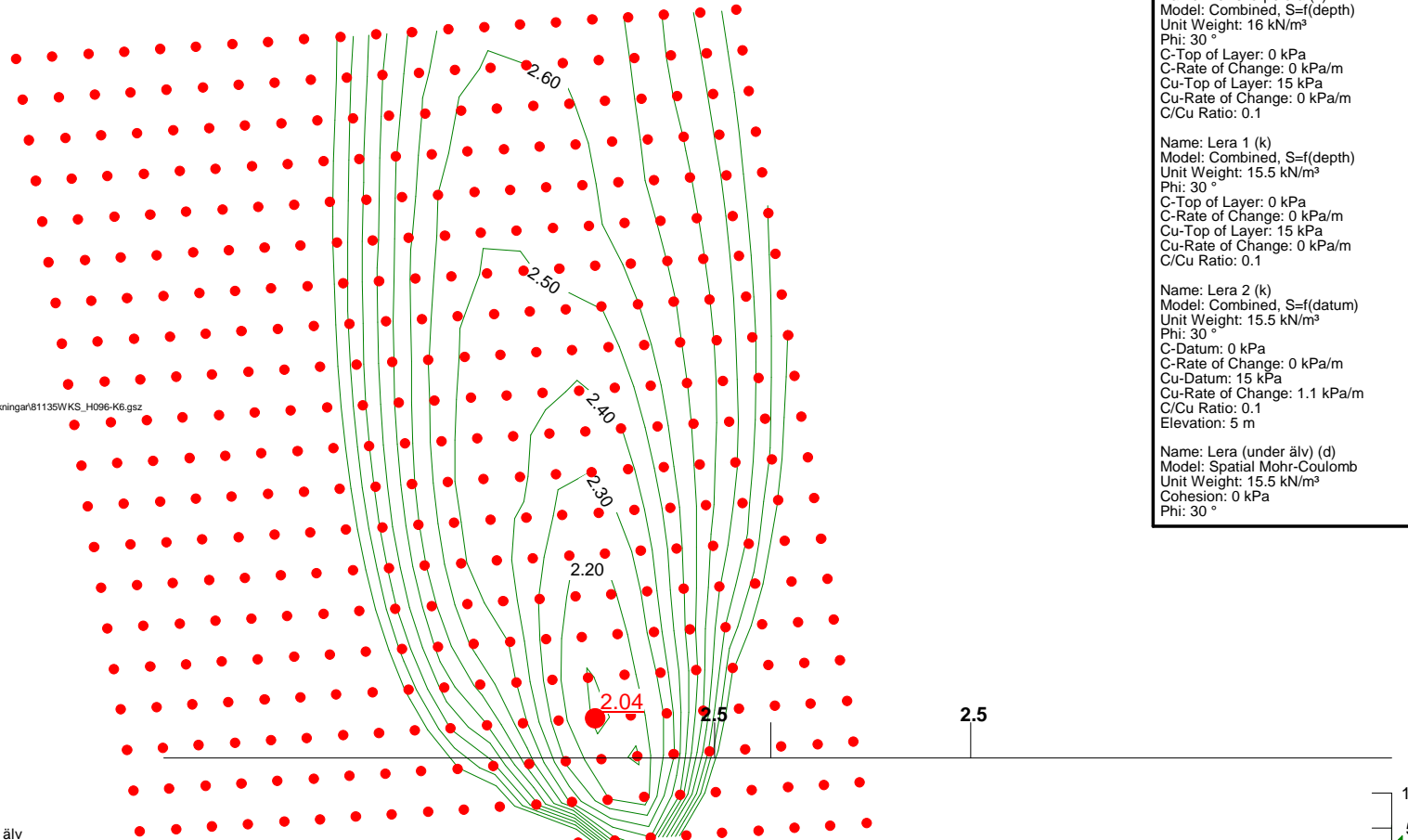
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Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 15 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 15 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 15 kPa  
Cu-Rate of Change: 1.1 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 5 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °



**STABILITETSKARTERING**

Göteborgs stad

81135WUS (H096-K6)

Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
 Glidytor: Grid and Radius (optimization: Yes)  
 GW & portryck: Piezometric Line  
 Filnamn: 81135WUS\_H096-K6.gsz  
 Senast sparad: 2011-08-22; 10:41:22

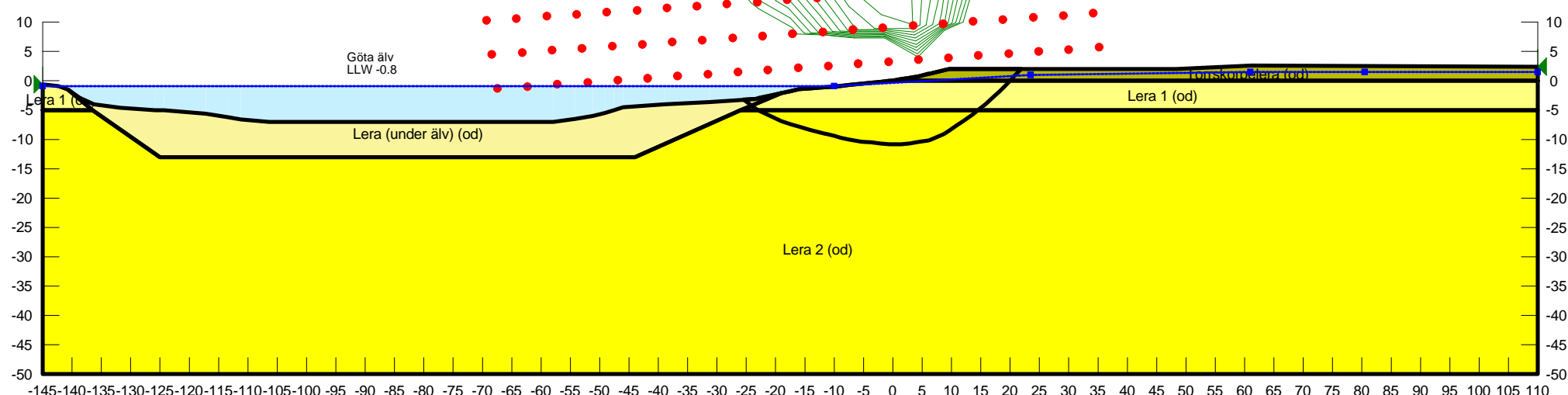
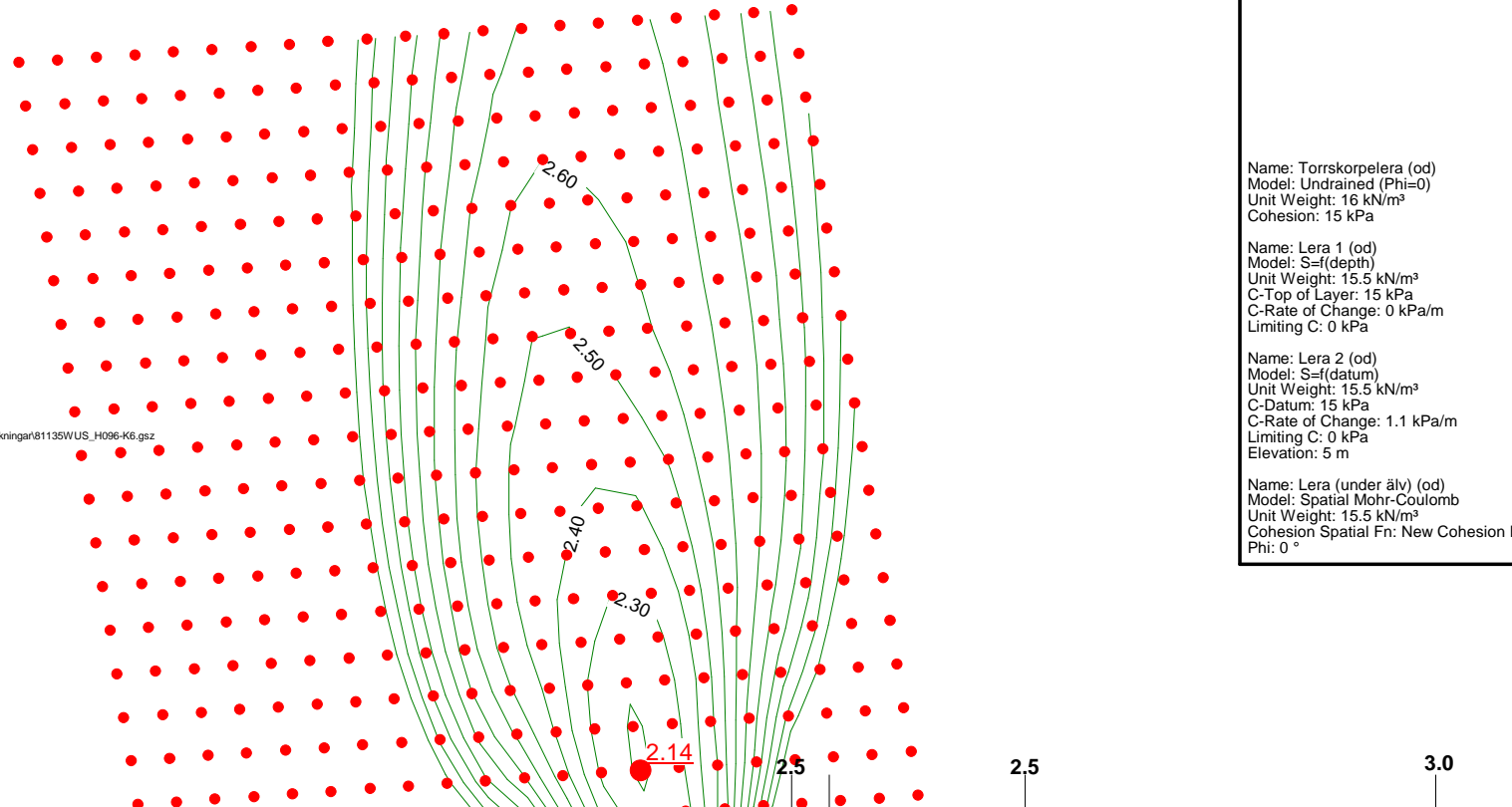
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Name: Torrsorpelera (od)  
 Model: Undrained (Phi=0)  
 Unit Weight: 16 kN/m<sup>3</sup>  
 Cohesion: 15 kPa

Name: Lera 1 (od)  
 Model: S=f(depth)  
 Unit Weight: 15.5 kN/m<sup>3</sup>  
 C-Top of Layer: 15 kPa  
 C-Rate of Change: 0 kPa/m  
 Limiting C: 0 kPa

Name: Lera 2 (od)  
 Model: S=f(datum)  
 Unit Weight: 15.5 kN/m<sup>3</sup>  
 C-Datum: 15 kPa  
 C-Rate of Change: 1.1 kPa/m  
 Limiting C: 0 kPa  
 Elevation: 5 m

Name: Lera (under älv) (od)  
 Model: Spatial Mohr-Coulomb  
 Unit Weight: 15.5 kN/m<sup>3</sup>  
 Cohesion Spatial Fn: New Cohesion Function  
 Phi: 0°





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.51

## STABILITETSKARTERING Göteborgs stad

### 81410WKS (H096-K7) Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 81410WKS\_H096-K7.gsz  
Senast sparad: 2011-09-05; 13:39:20

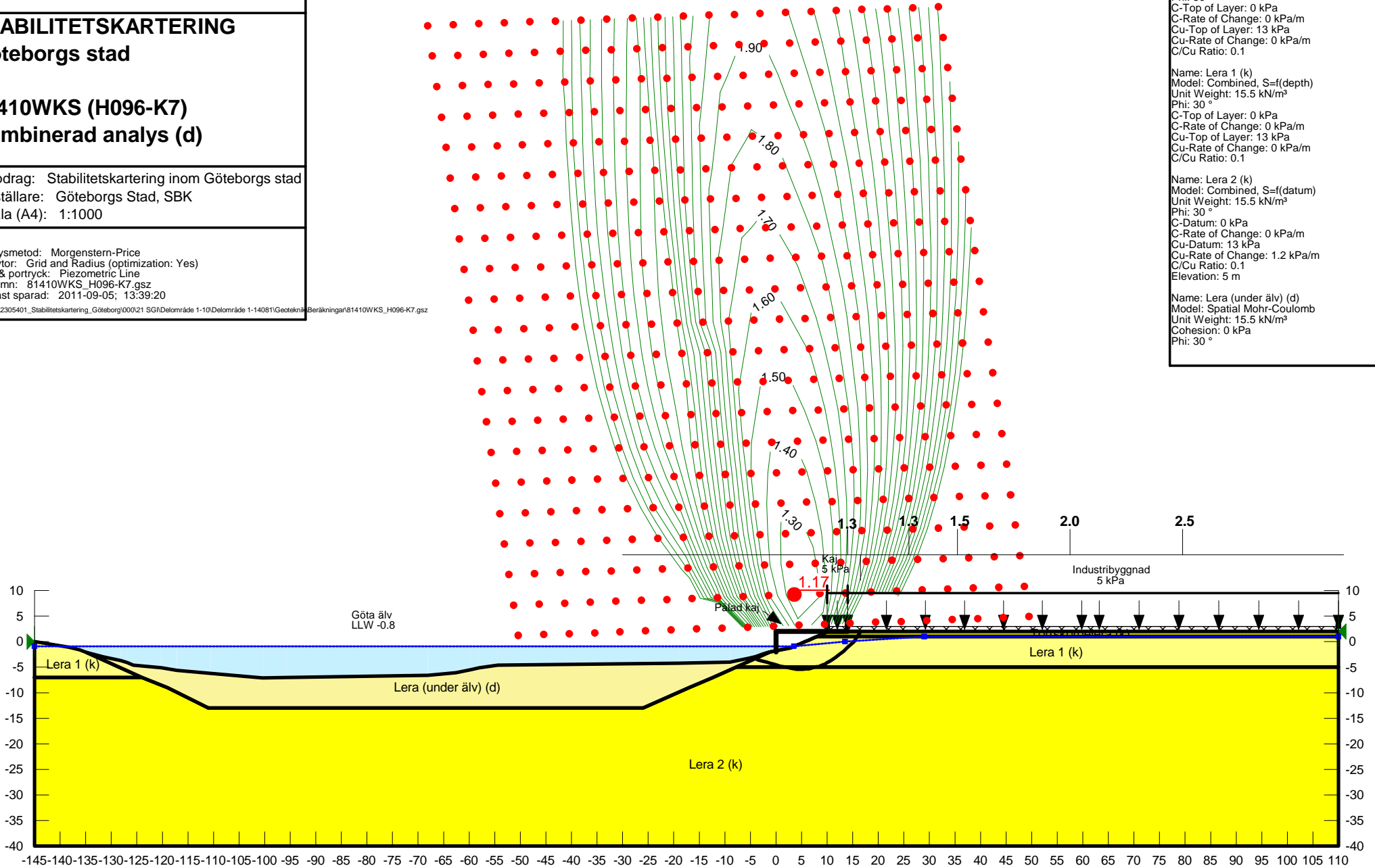
P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\81410WKS\_H096-K7.gsz

Name: Torrskorpelera (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 13 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 13 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 13 kPa  
Cu-Rate of Change: 1.2 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 5 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.52

## STABILITETSKARTERING Göteborgs stad

81410WUS (H096-K7)  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 81410WUS\_H096-K7.gsz  
Senast sparad: 2011-09-05; 13:52:53

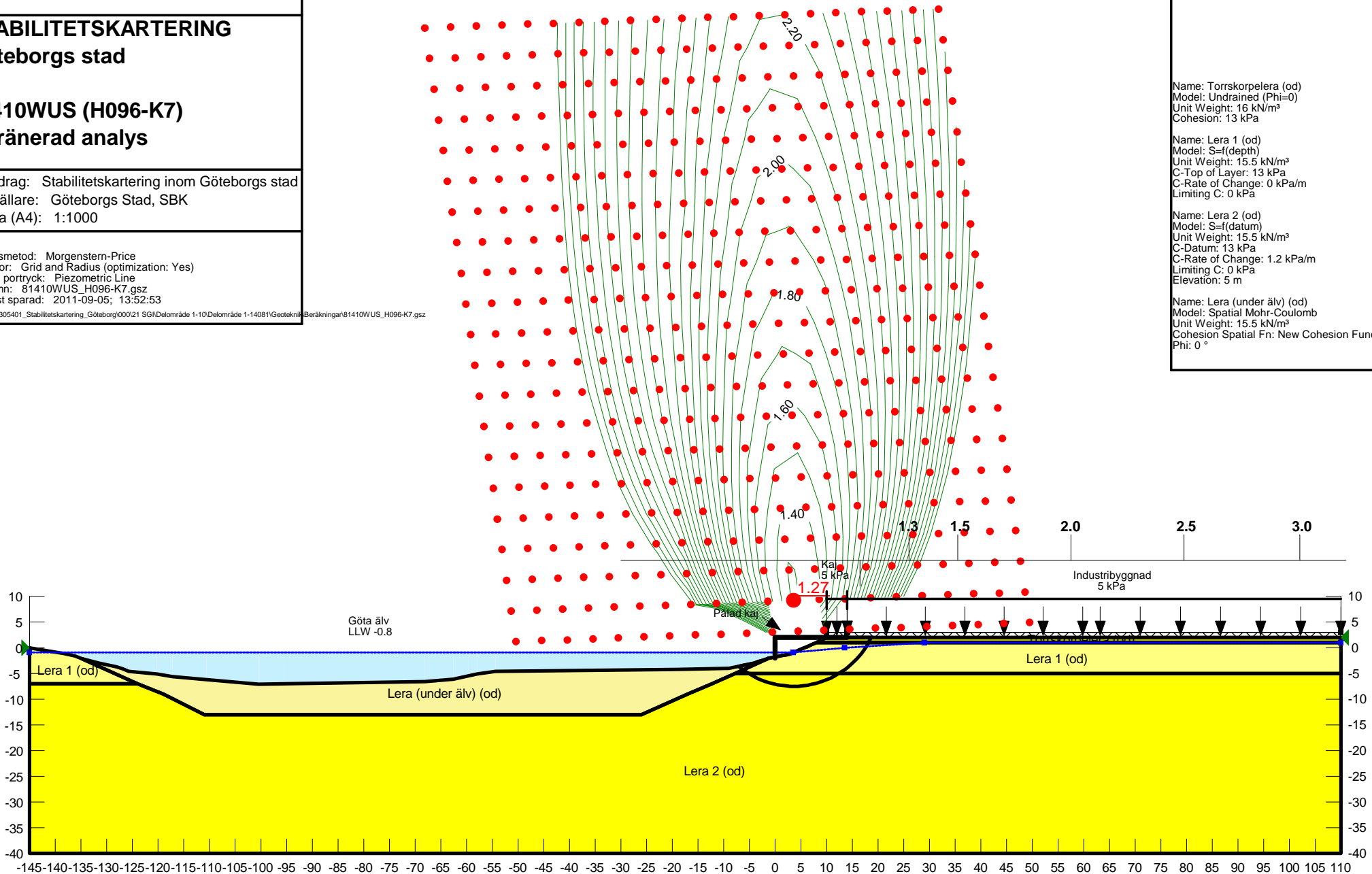
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Name: Torrskörpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 13 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 13 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 13 kPa  
C-Rate of Change: 1.2 kPa/m  
Limiting C: 0 kPa  
Elevation: 5 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.53

## STABILITETSKARTERING Göteborgs stad

### 81620WKS (H096-K8) Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 81620WKS\_H096-K8.gsz  
Senast sparad: 2011-09-02; 07:55:48

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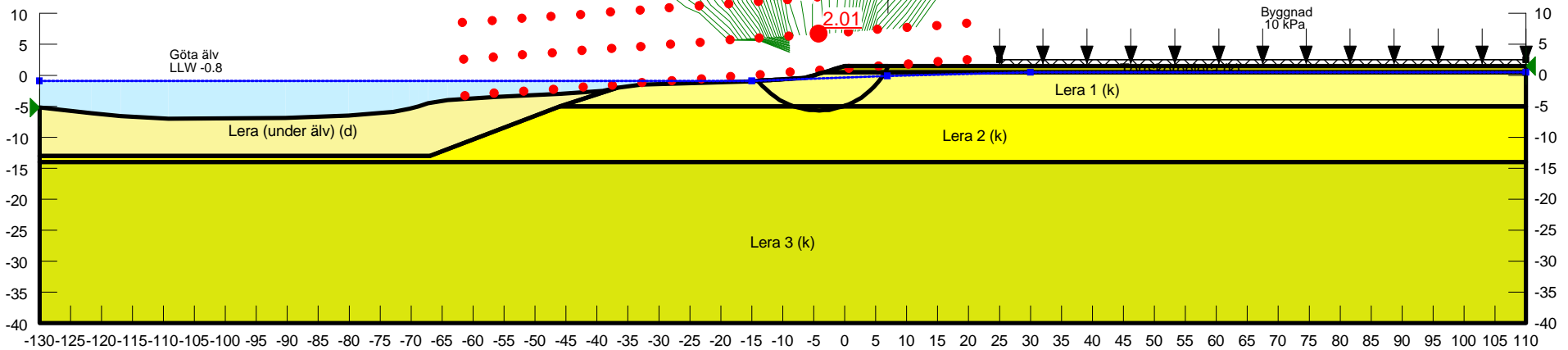
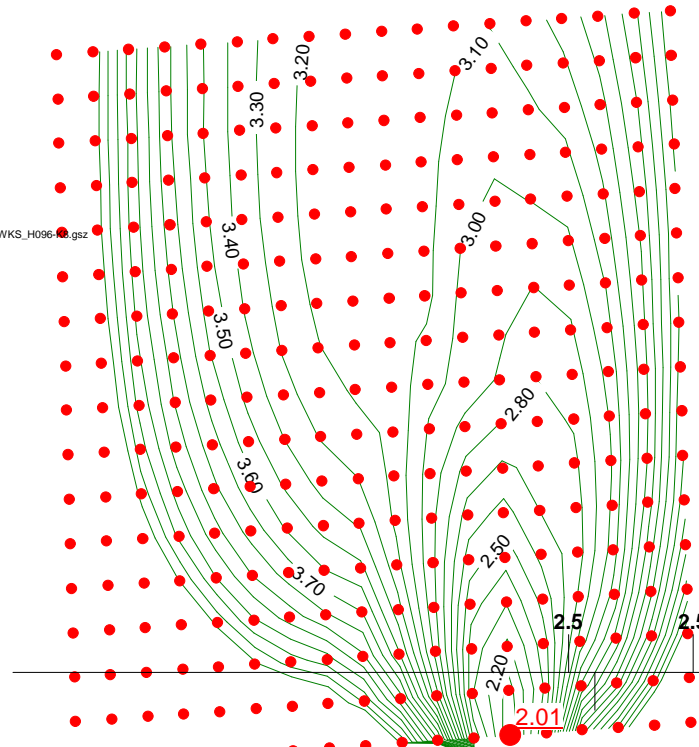
Name: Torrskorperela (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 13 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 13 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 13 kPa  
Cu-Rate of Change: 1.6 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 5 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °

Name: Lera 3 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 27.4 kPa  
Cu-Rate of Change: 0.9 kPa/m  
C/Cu Ratio: 0.1



**STABILITETSKARTERING**  
Göteborgs stad

**81620WUS (H096-K8)**  
Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 81620WUS\_H096-K8.gsz  
Senast sparad: 2011-09-02; 08:03:29

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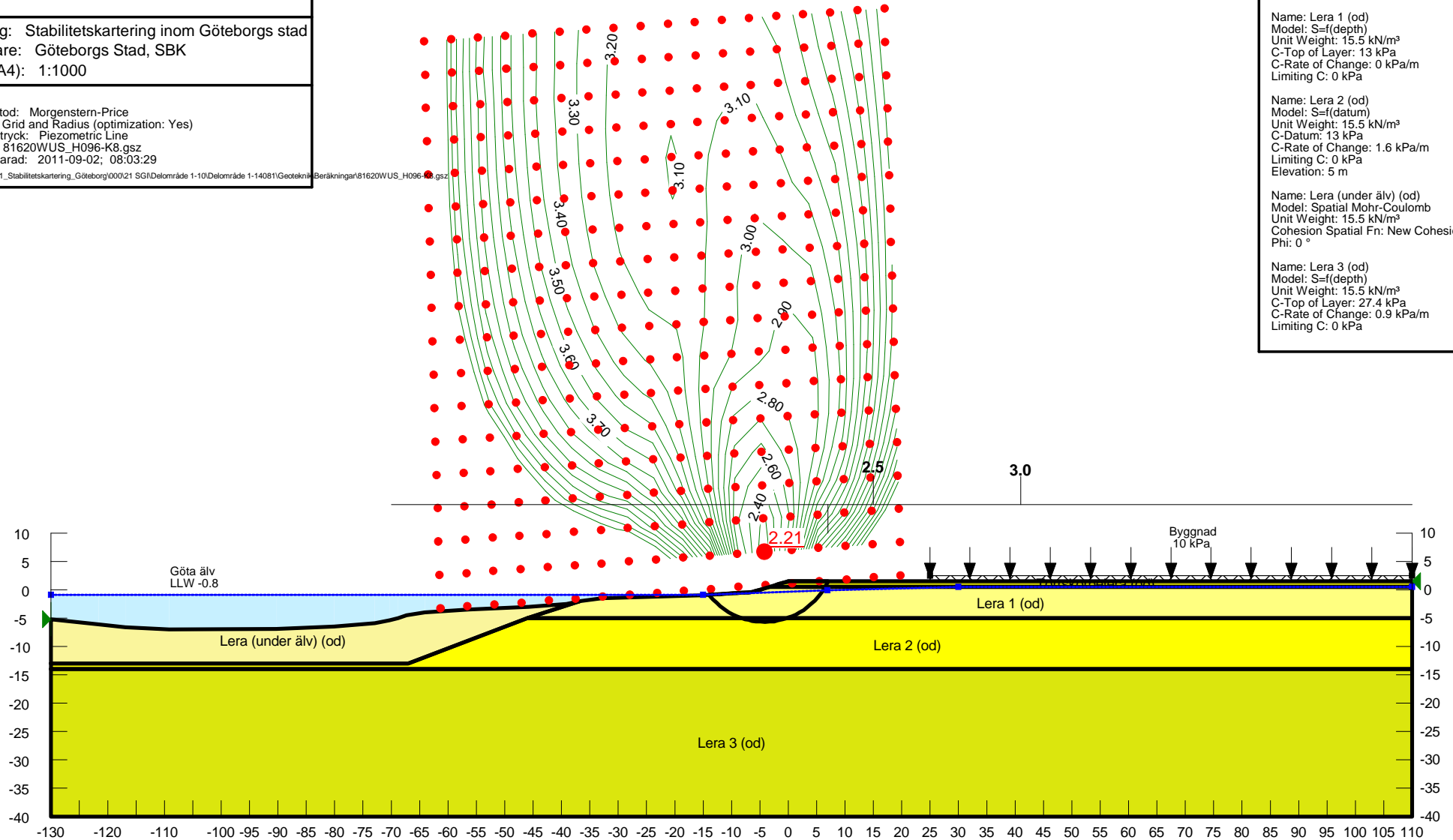
Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 13 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 13 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 13 kPa  
C-Rate of Change: 1.6 kPa/m  
Limiting C: 0 kPa  
Elevation: 5 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0°

Name: Lera 3 (od)  
Model: S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 27.4 kPa  
C-Rate of Change: 0.9 kPa/m  
Limiting C: 0 kPa





# Göta älvutredningen, GÄU. Omr 1 (uppdr.nr. 14081). Dok.nr. 01PM001. Bilaga 1.55

## STABILITETSKARTERING Göteborgs stad

### 81760WKS (H096-K9) Kombinerad analys (d)

Uppdrag: Stabilitetskartering inom Göteborgs stad  
Beställare: Göteborgs Stad, SBK  
Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 81760WKS\_H096-K9.gsz  
Senast sparad: 2011-09-02; 08:36:56

P:\2321\2305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\81760WKS\_H096-K9.gsz

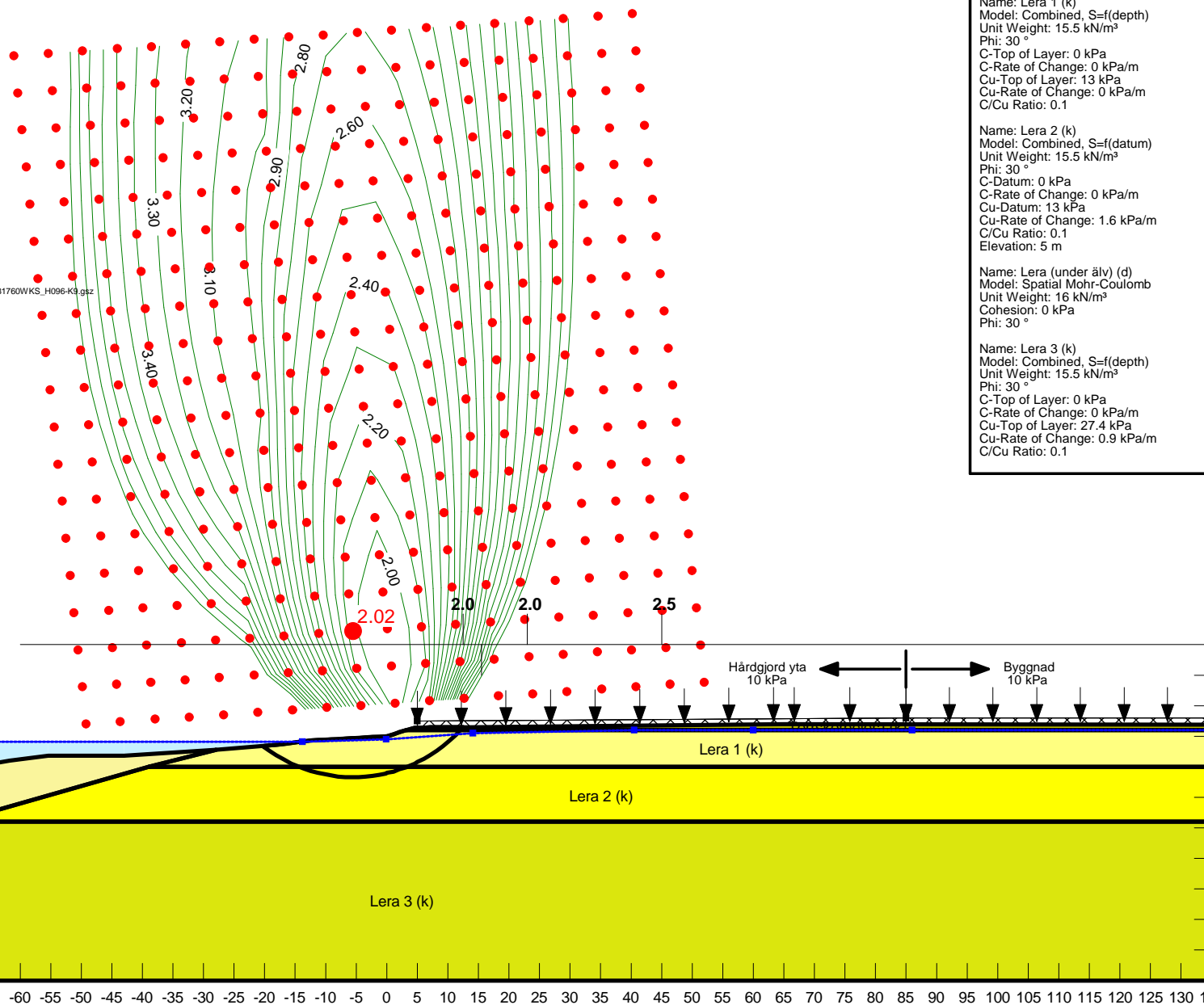
Name: Torrskorpeleira (k)  
Model: Combined, S=f(depth)  
Unit Weight: 16 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 13 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 1 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 13 kPa  
Cu-Rate of Change: 0 kPa/m  
C/Cu Ratio: 0.1

Name: Lera 2 (k)  
Model: Combined, S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Datum: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Datum: 13 kPa  
Cu-Rate of Change: 1.6 kPa/m  
C/Cu Ratio: 0.1  
Elevation: 5 m

Name: Lera (under älv) (d)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 0 kPa  
Phi: 30 °

Name: Lera 3 (k)  
Model: Combined, S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
Phi: 30 °  
C-Top of Layer: 0 kPa  
C-Rate of Change: 0 kPa/m  
Cu-Top of Layer: 27.4 kPa  
Cu-Rate of Change: 0.9 kPa/m  
C/Cu Ratio: 0.1





### STABILITETSKARTERING

Göteborgs stad

81760WUS (H096-K9)

Odränerad analys

Uppdrag: Stabilitetskartering inom Göteborgs stad

Beställare: Göteborgs Stad, SBK

Skala (A4): 1:1000

Analysmetod: Morgenstern-Price  
Glidytor: Grid and Radius (optimization: Yes)  
GW & portryck: Piezometric Line  
Filnamn: 81760WUS\_H096-K9.gsz  
Senast sparad: 2011-09-02; 08:42:00

P:\23212305401\_Stabilitetskartering\_Göteborg\000\21\_SGI\Delområde 1-10\Delområde 1-14081\Geoteknik\Beräkningar\81760WUS\_H096-K9.gsz

Name: Torrskorpelera (od)  
Model: Undrained (Phi=0)  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion: 13 kPa

Name: Lera 1 (od)  
Model: S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 13 kPa  
C-Rate of Change: 0 kPa/m  
Limiting C: 0 kPa

Name: Lera 2 (od)  
Model: S=f(datum)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Datum: 13 kPa  
C-Rate of Change: 1.6 kPa/m  
Limiting C: 0 kPa  
Elevation: 5 m

Name: Lera (under älv) (od)  
Model: Spatial Mohr-Coulomb  
Unit Weight: 16 kN/m<sup>3</sup>  
Cohesion Spatial Fn: New Cohesion Function  
Phi: 0 °

Name: Lera 3 (od)  
Model: S=f(depth)  
Unit Weight: 15.5 kN/m<sup>3</sup>  
C-Top of Layer: 27.4 kPa  
C-Rate of Change: 0.9 kPa/m  
Limiting C: 0 kPa

