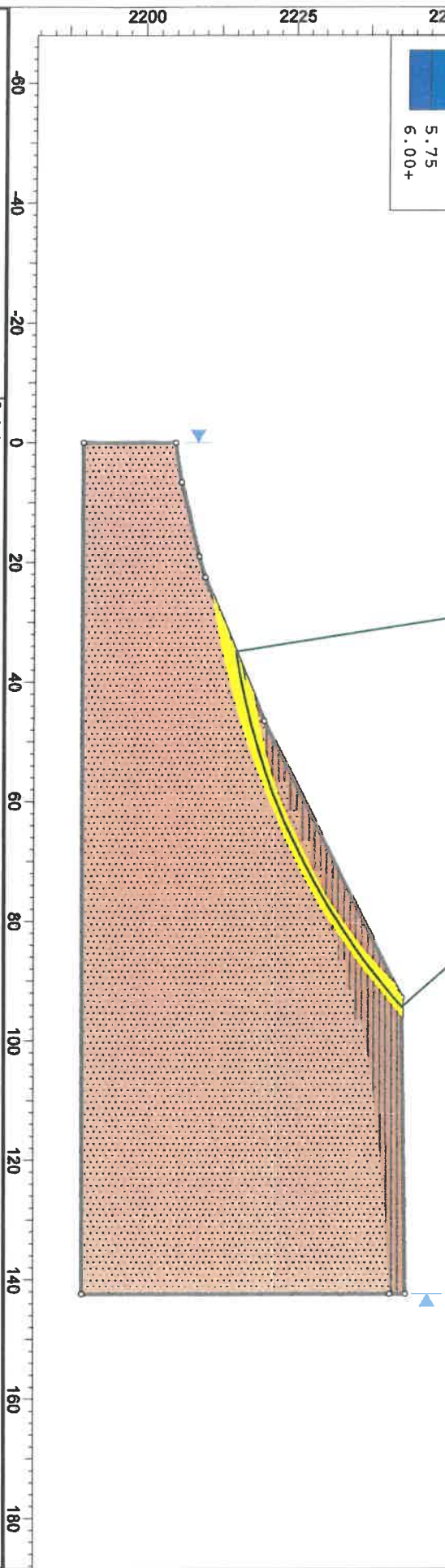


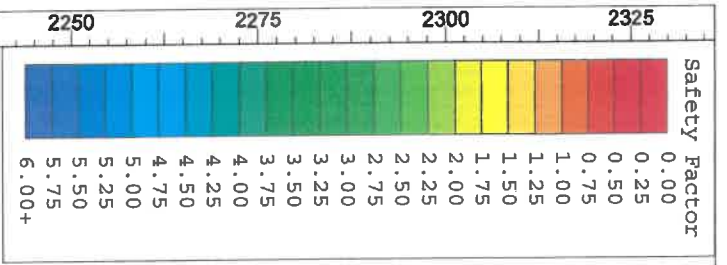
| Material Name | Color | Unit Weight (lbs/ft ³) | Strength Type | Cohesion (psf) | Phi (deg) |
|-------------------------|-------|------------------------------------|---------------|----------------|-----------|
| Native Gravelly Outwash | | 135 | Mohr-Coulomb | 10 | 34 |
| Compacted Onsite Fill | | 140 | Mohr-Coulomb | 20 | 35 |

1.52



| | | | |
|----------------------|-----------|--|-------------------|
| Project | | Winemaker's Cabins at Swiftwater Cellars | |
| Analysis Description | | Section A-A' - Proposed Fill Slope - Spencer Method - Static | |
| Drawn By | KAH / MYM | Scale | 1:299 |
| Date | | Company | GN Northern, Inc. |
| | | File Name | Seca-A_static.slm |

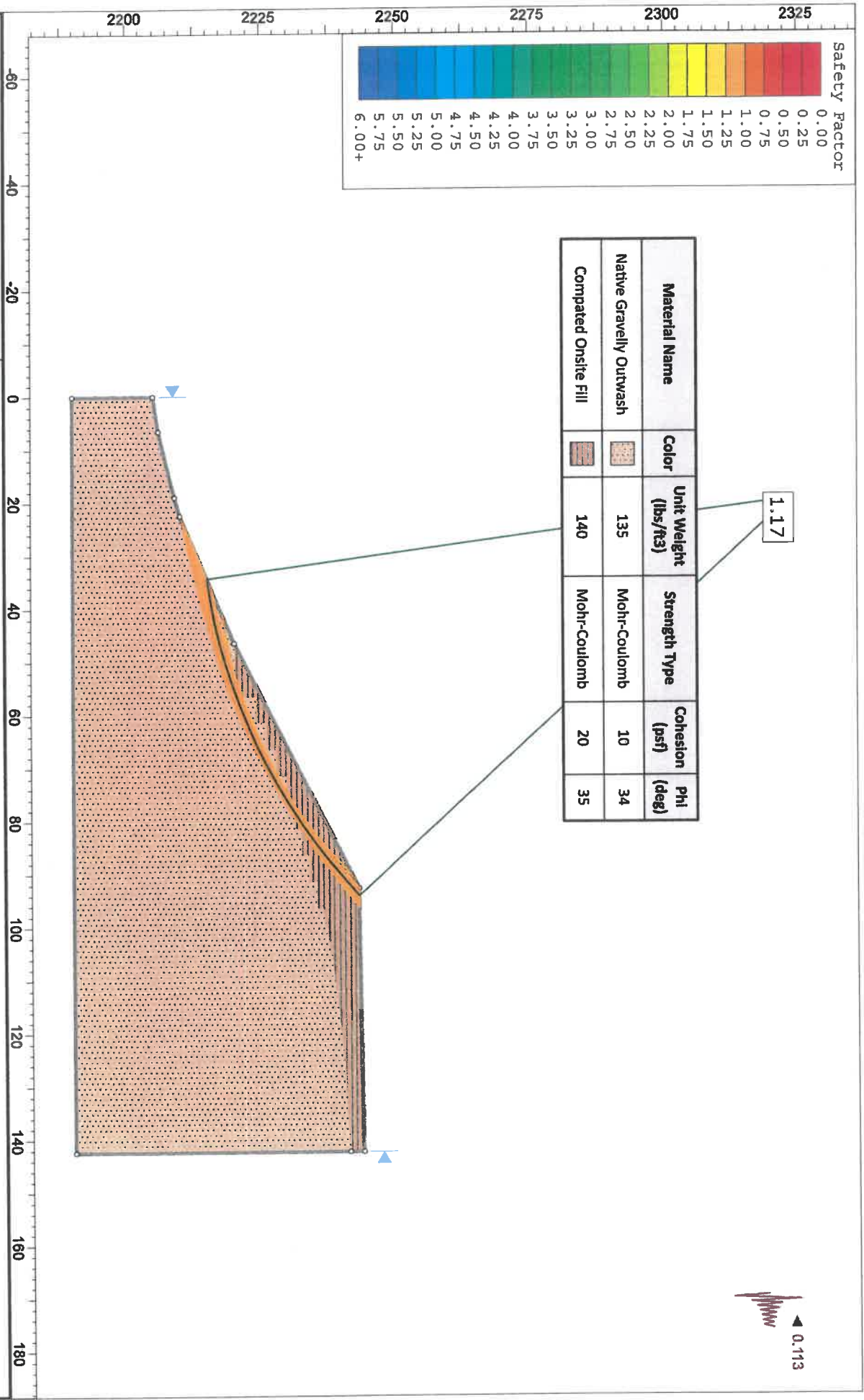
SLIKENTEMPRT 7014



| Material Name | Color | Unit Weight (lbs/ft ³) | Strength Type | Cohesion (psf) | Phi (deg) |
|------------------------|-------|------------------------------------|---------------|----------------|-----------|
| Native Gravely Outwash | | 135 | Mohr-Coulomb | 10 | 34 |
| Compacted Onsite Fill | | 140 | Mohr-Coulomb | 20 | 35 |

1.17

0.113



Winemaker's Cabins at Swiftwater Cellars

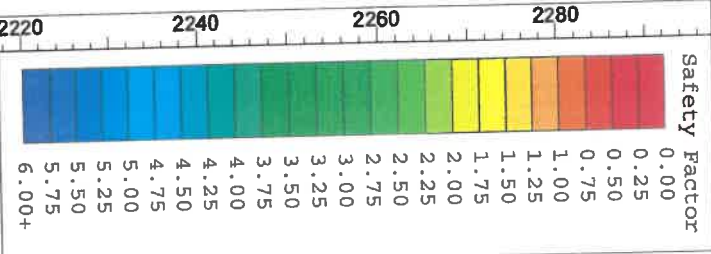
Section A-A' - Proposed Fill Slope - Spencer Method - Pseudostatic

| | | | |
|----------|-----------|----------------------|---------------------|
| Project | | Analysis Description | |
| Drawn By | KAH / MYM | Scale | 1:299 |
| Date | | Company | GN Northern, Inc. |
| | | File Name | Seca-A_seismic.slim |

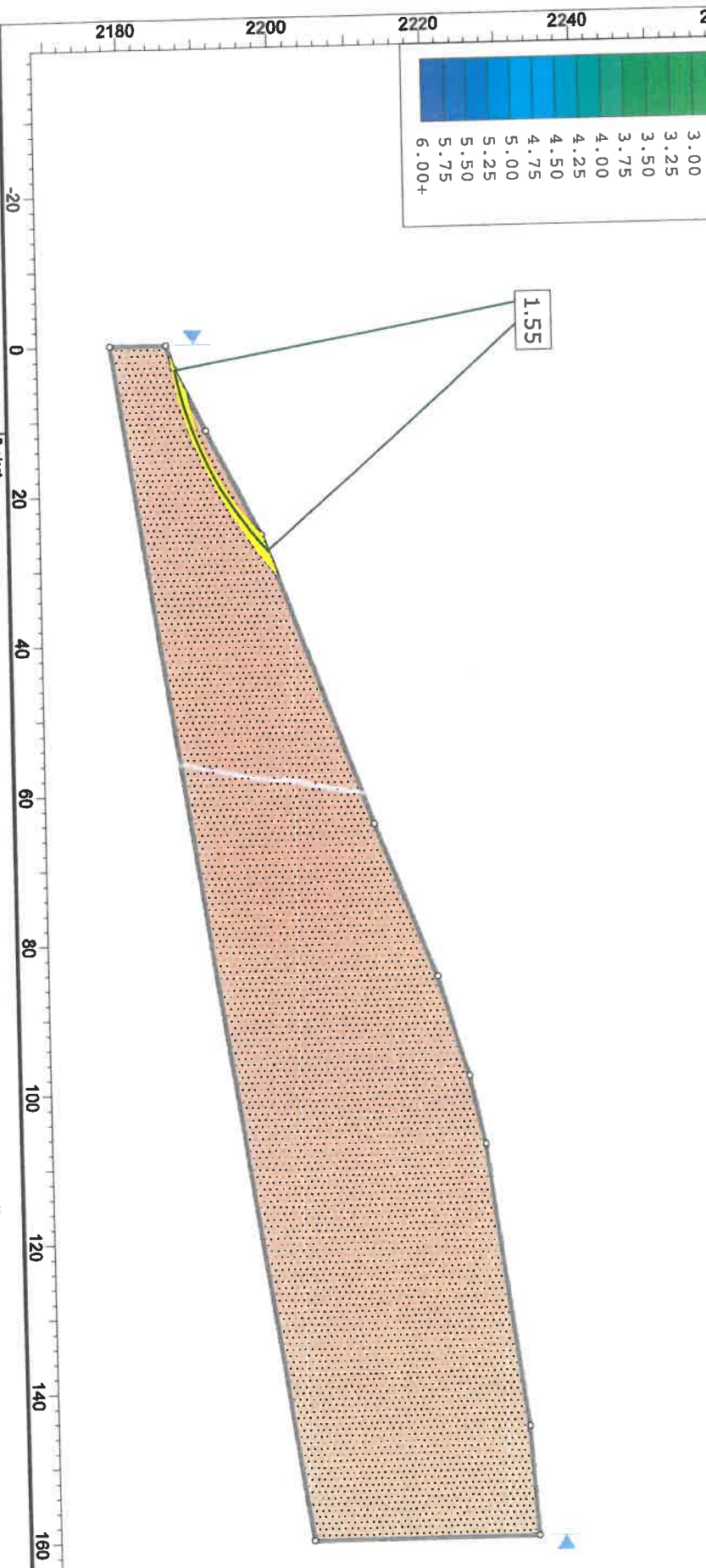


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 Construction Materials, Traffic, Geotechnical Services

SLIDENETWORK 7.014



| Material Name | Color | Unit Weight (lbs/ft ³) | Strength Type | Cohesion (psf) | Phi (deg) |
|-------------------------|-------|------------------------------------|---------------|----------------|-----------|
| Native Gravelly Outwash | | 135 | Mohr-Coulomb | 10 | 34 |

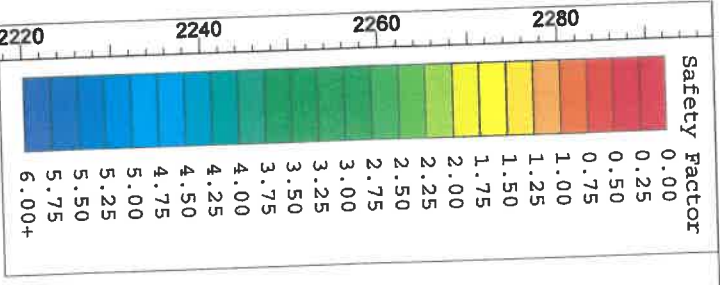


Winemaker's Cabins at Swiftwater Cellars

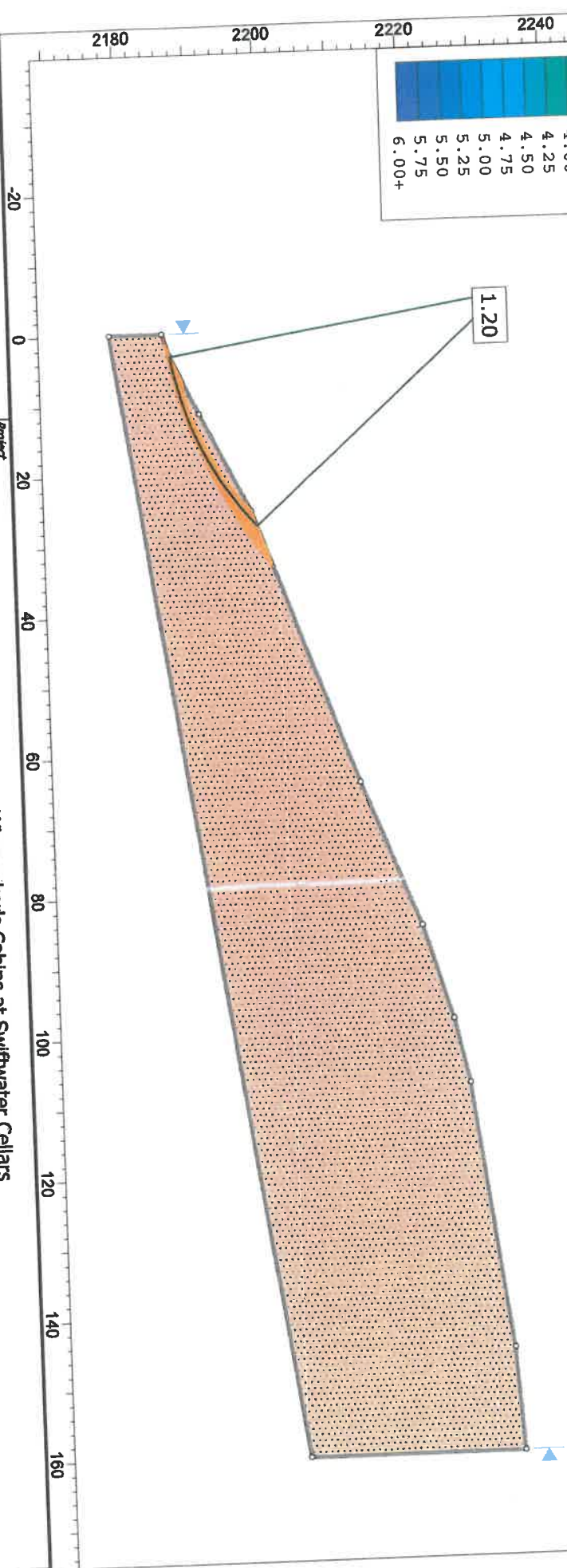
Section B-B' - Existing Slope - Spencer Method - Static



| Analyst Description | |
|---------------------|-------------------|
| Drawn By | KAH / MYM |
| Scale | 1:250 |
| Company | GN Northern, Inc. |
| Date | SecB-B_static.slm |



| Material Name | Color | Unit Weight (lbs/ft ³) | Strength Type | Cohesion (psf) | Phi (deg) |
|-------------------------|-------|------------------------------------|---------------|----------------|-----------|
| Native Gravelly Outwash | | 135 | Mohr-Coulomb | 10 | 34 |



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 Construction Materials Testing Geophysical Services

SLNEMTERPNET 7.014

Project: Winemaker's Cabins at Swiftwater Cellars

Analysis Description: Section B-B - Existing Slope - Spencer Method - Pseudostatic

Drawn By: KAH / MYM

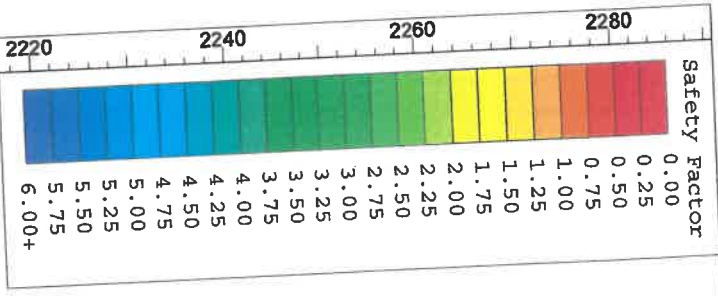
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Company:

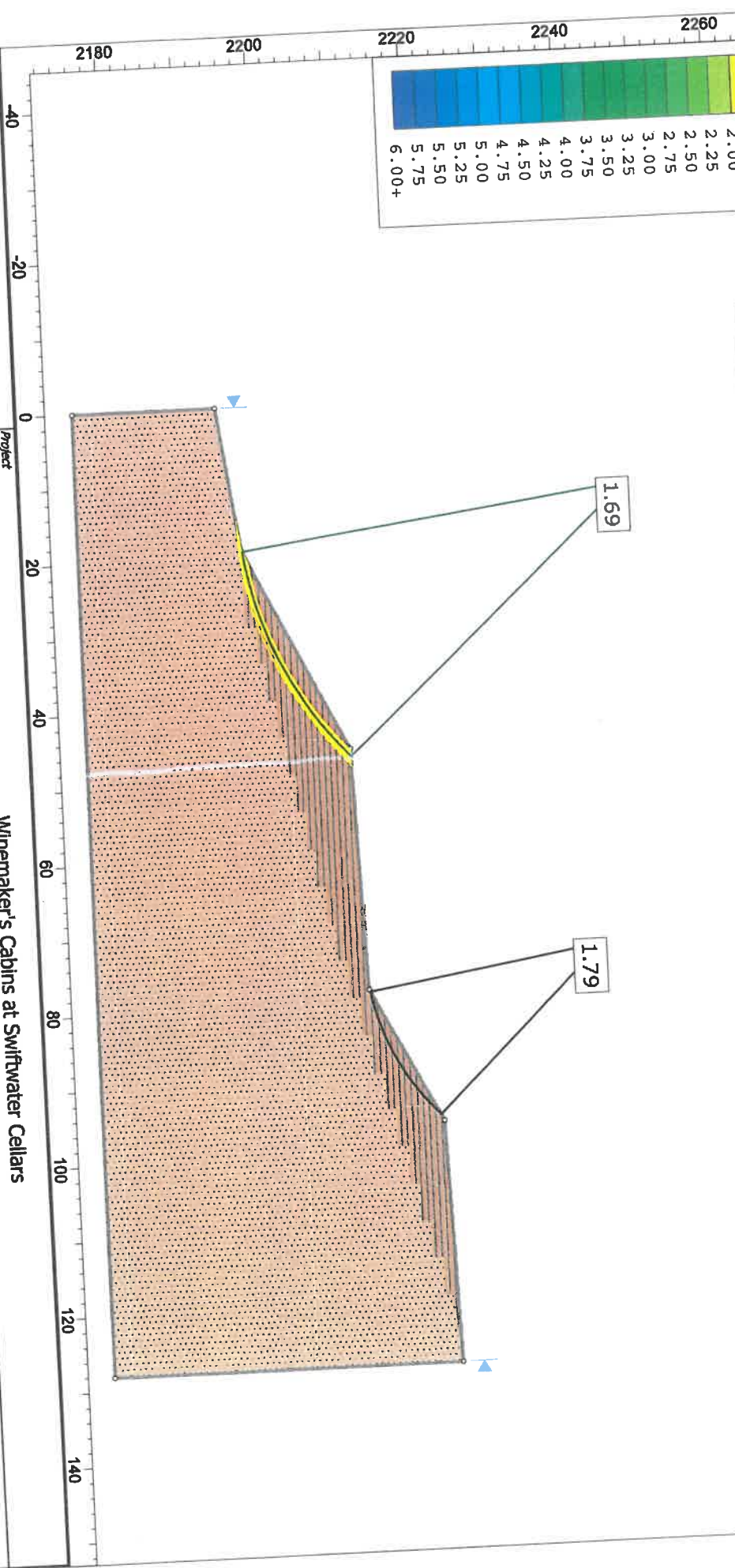
GN Northern, Inc.
 SecB-B_selsmic.slm

Date:

File Name:



| Material Name | Color | Unit Weight (lbs/ft ³) | Strength Type | Cohesion (psf) | Phi (deg) |
|-------------------------|-------|------------------------------------|---------------|----------------|-----------|
| Native Gravelly Outwash | | 135 | Mohr-Coulomb | 10 | 34 |
| Computed Onsite Fill | | 140 | Mohr-Coulomb | 20 | 35 |



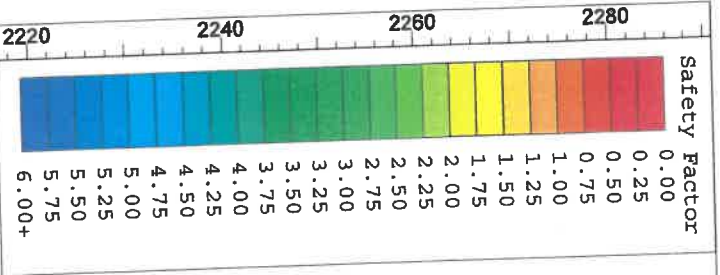
Winemaker's Cabins at Swiftwater Cellars



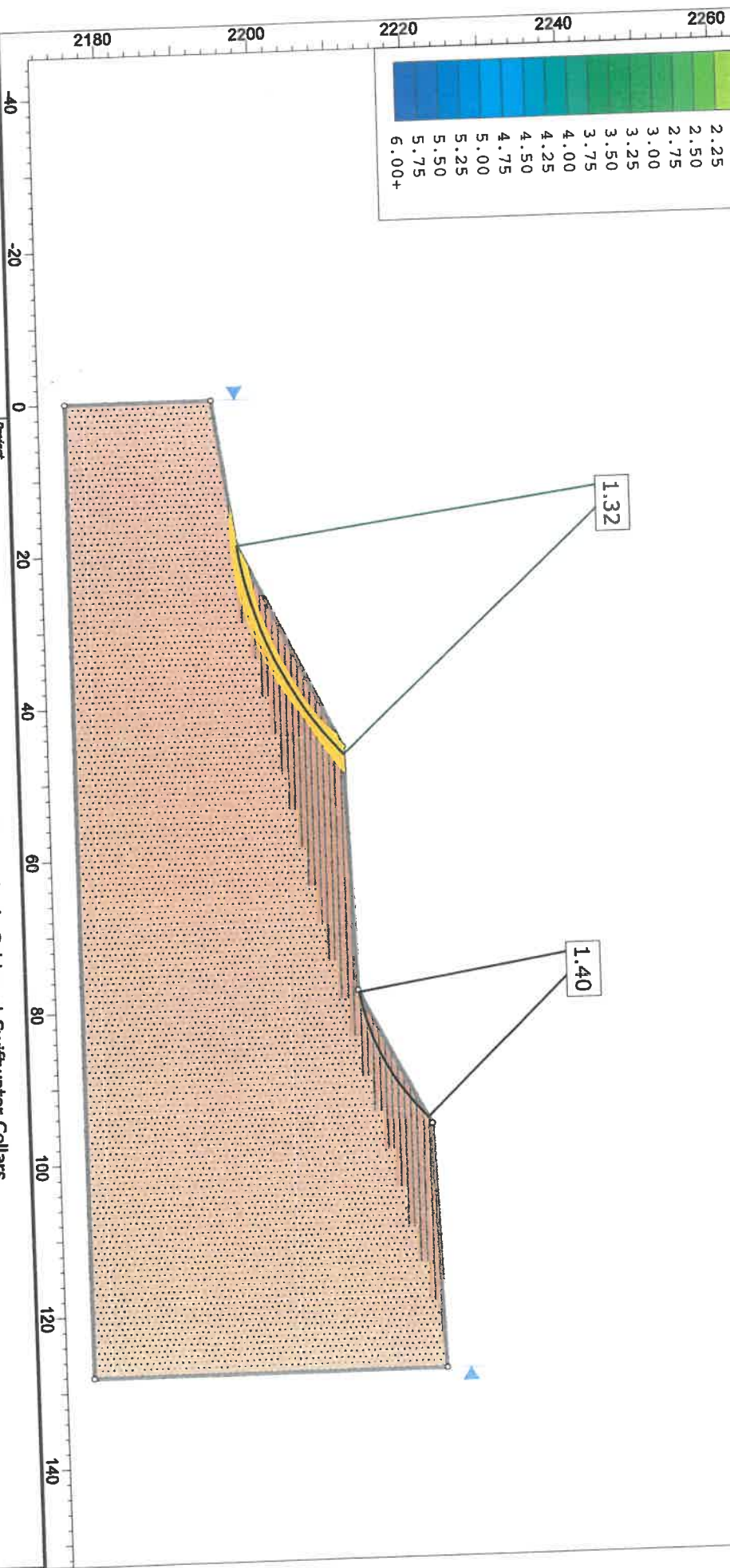
Northern, Inc.
 Consulting Engineers Environmental Scientists Geologists
 Construction Materials Insulation Geotechnical Services

SLIDEINTERPRET 7.014

| | | | |
|----------------------|--|---|--------------------|
| Project | | Section C-C - Proposed Fill Slope - Spencer Method - Static | |
| Analysis Description | | Scale | 1:231 |
| Drawn By | | Company | GN Northern, Inc. |
| Date | | File Name | SecC-C_static.slim |



| Material Name | Color | Unit Weight (lbs/ft ³) | Strength Type | Cohesion (psf) | Phi (deg) |
|-------------------------|-------|------------------------------------|---------------|----------------|-----------|
| Native Gravelly Outwash | | 135 | Mohr-Coulomb | 10 | 34 |
| Compacted Onsite Fill | | 140 | Mohr-Coulomb | 20 | 35 |



SLIDENETWORK 7.014

Project

Winemaker's Cabins at Swiftwater Cellars

Analysis Description

Section C-C - Proposed Fill Slope - Spencer Method - Pseudostatic

Drawn By

KAH / MYM

Scale

1:231

Company

GN Northern, Inc.

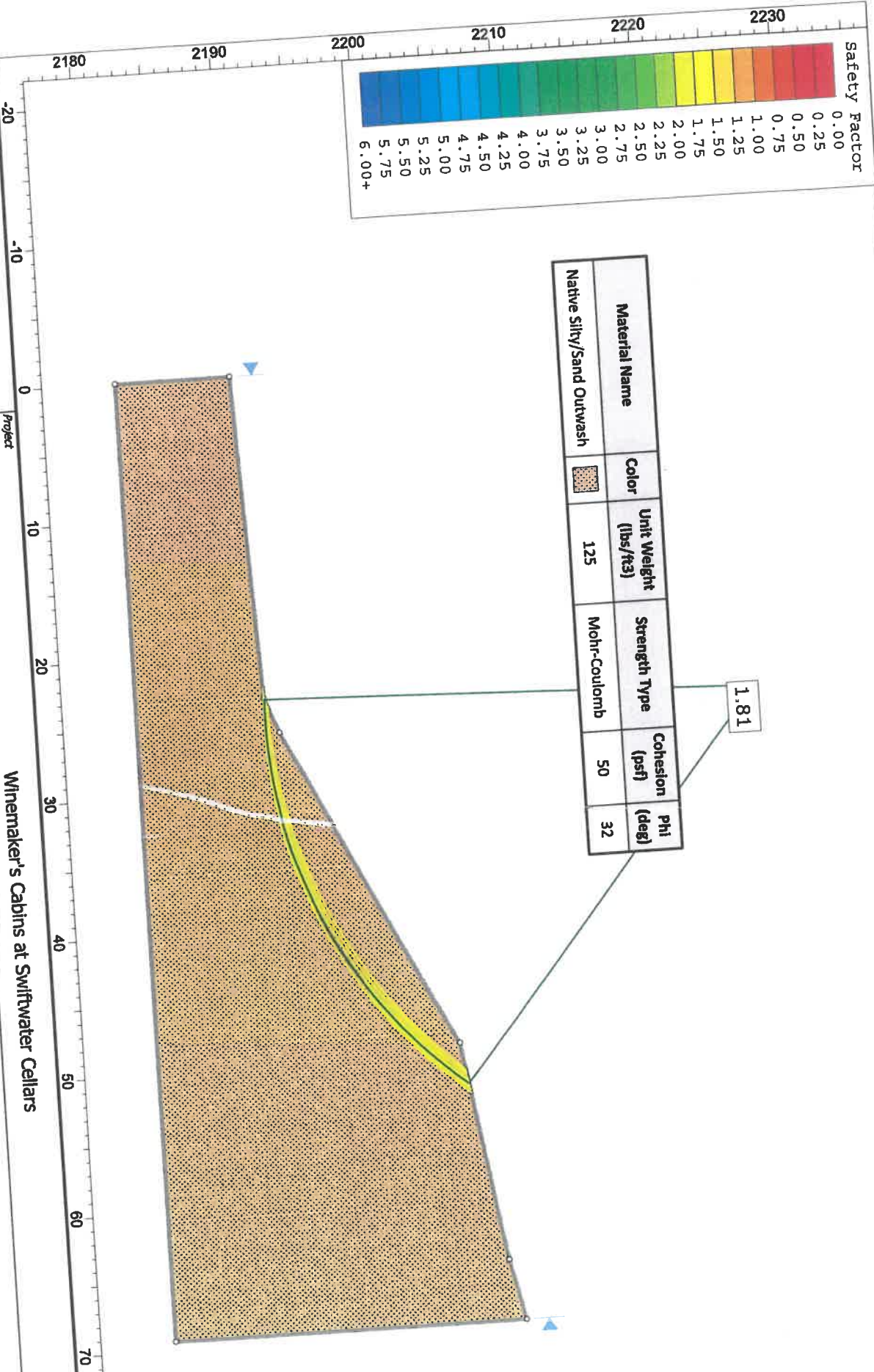
Date

File Name

SecC-C_seismic.slim



Northern, Inc.
 Consulting Engineers Environmental Scientists
 Geotechnical Engineers
 Construction Materials Testing Geotechnical Services



| Material Name | Color | Unit Weight (lbs/ft ³) | Strength Type | Cohesion (psf) | Phi (deg) |
|---------------------------|-------|------------------------------------|---------------|----------------|-----------|
| Native Silty/Sand Outwash | | 125 | Mohr-Coulomb | 50 | 32 |

1.81

Winemaker's Cabins at Swiftwater Cellars

Project

Section D-D' - Proposed Cut Slope - Spencer Method - Static

Analysis Description

Drawn By KAH / MYM

Scale 1:117

Company

GN Northern, Inc.

Date

File Name SecD-D_static.slm



Northern, Inc.
 Consulting Engineers Environmental Scientists Geologists
 Construction Materials Technicians Geotechnical Services

Date

Drawn By

KAH / MYM

Analysis Description

Section D-D' - Proposed Cut Slope - Spencer Method - Pseudostatic
 GN Northern, Inc.

Scale

1:117

File Name

SecD-D_seismic.slim

Project

Winemaker's Cabins at Swiftwater Cellars

-20

-10

0

10

20

30

40

50

60

70

2180

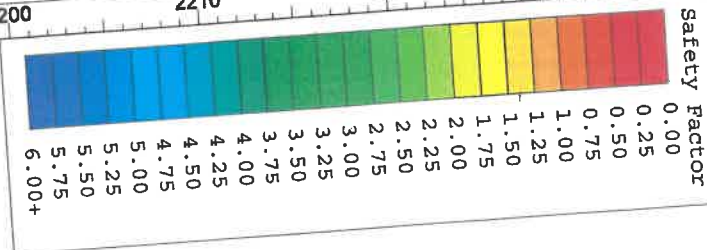
2190

2200

2210

2220

2230



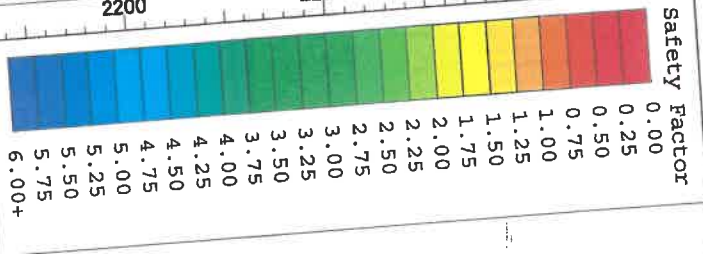
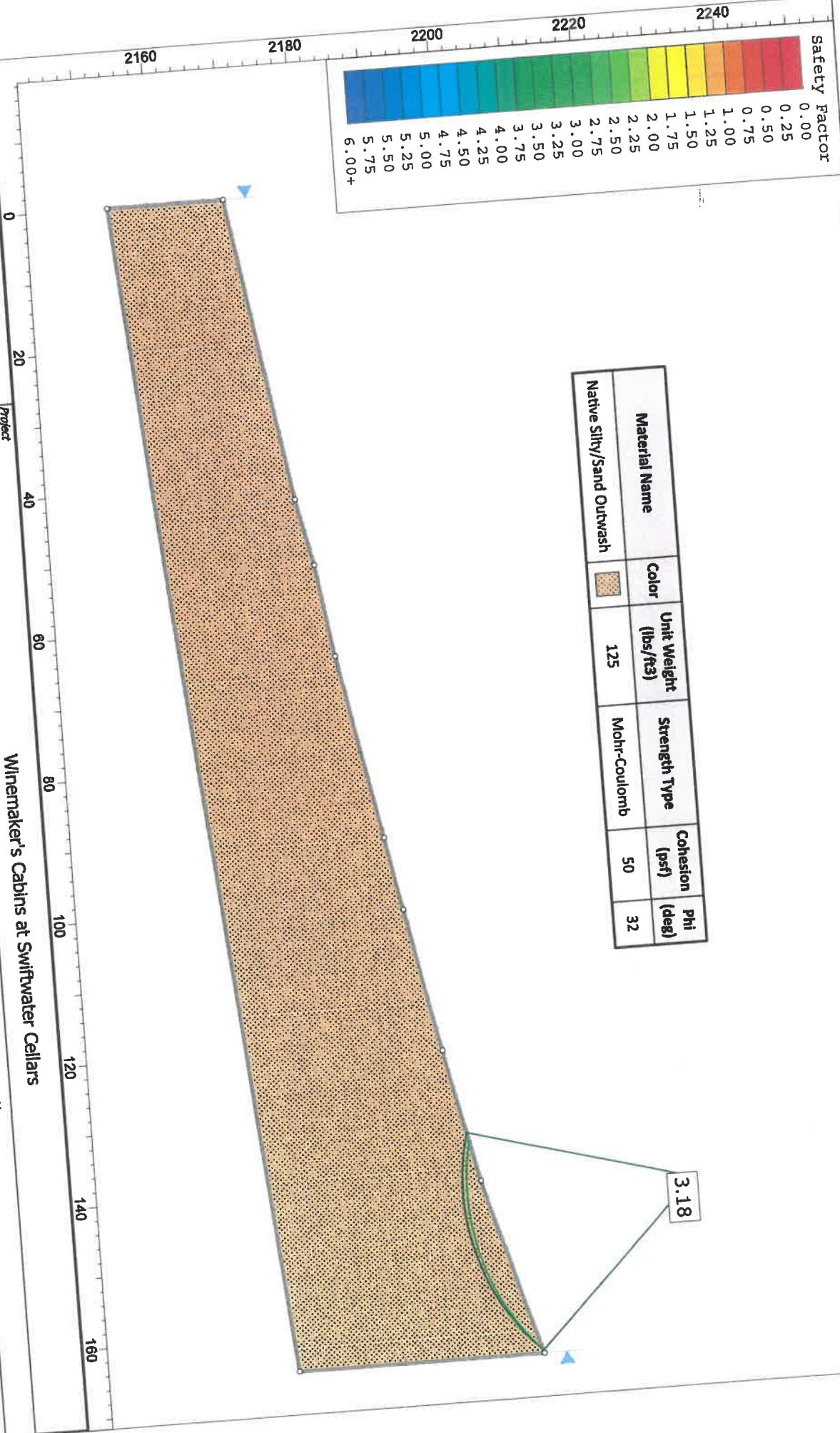
| Material Name | Color | Unit Weight (lbs/ft ³) | Strength Type | Cohesion (psf) | Phi (deg) |
|---------------------------|-------|------------------------------------|---------------|----------------|-----------|
| Native Silty/Sand Outwash | | 125 | Mohr-Coulomb | 50 | 32 |

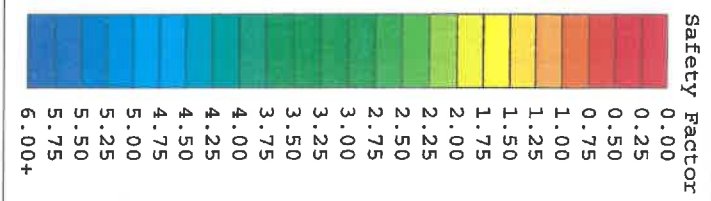
1.41

0.413

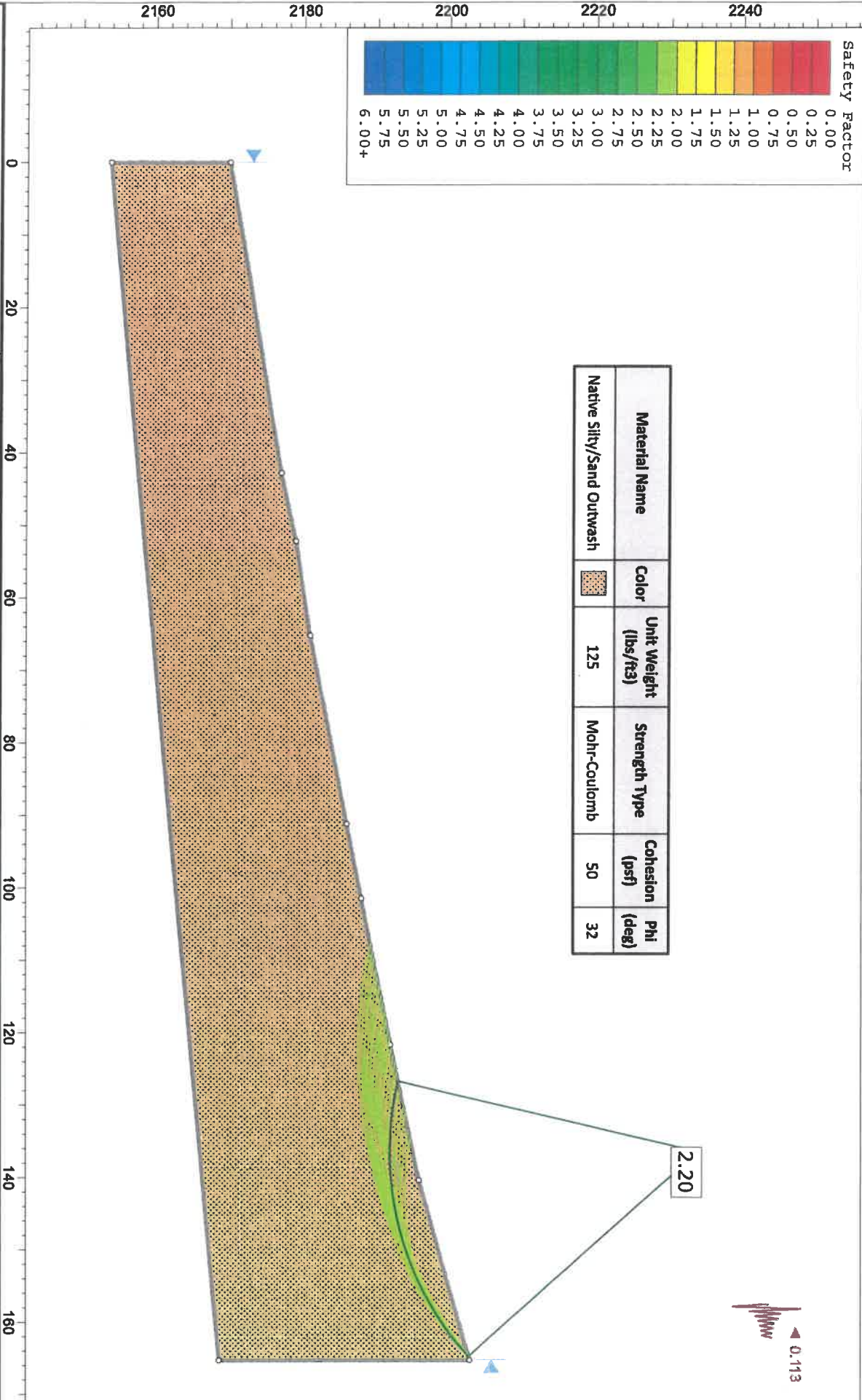


Project
 Winemaker's Cabins at Swiftwater Cellars
Section E-E' - Existing Slope - Spencer Method - Static
GN Northern, Inc.
Scale 1:221
Company
File Name SecE-E_static.slm
Analysis Description
Drawn By KAH / MYM
Date





| Material Name | Color | Unit Weight (lbs/ft ³) | Strength Type | Cohesion (psf) | Phi (deg) |
|---------------------------|-------|------------------------------------|---------------|----------------|-----------|
| Native Silty/Sand Outwash | | 125 | Mohr-Coulomb | 50 | 32 |



Winemaker's Cabins at Swiftwater Cellars

Project

Section E-E' - Existing Slope - Spencer Method - Pseudostatic

Analysis Description

Drawn By

Scale

Company

GN Northern, Inc.

Date

File Name

SecE-E_seismic.slm



Appendix VI
MICROGRAVITY SURVEY



Global Geophysics

P.O. Box 2229
Redmond, WA 98053

Tel: 425-890-4321
Fax: 206-582-0838

November 13, 2017

Our ref: 107-1012.000

GN Northern, Inc.
722 North 16th Avenue, Suite 31
Yakima, WA 98902

Attention: Mr. Imran Magsi

**RE: REPORT FOR THE GRAVITY SURVEY TO LOCATE MINE WORKINGS
AT SUNCADIA PROPERTY, CLE ELUM, WA**

Dear Mr. Magsi:

This letter report presents the results of the geophysical survey performed by Global Geophysics in October 2017 at Suncadia Property, Cle Elum, WA. The objective of the study was to locate mine workings.

GEOPHYSICAL METHODS, INSTRUMENTATION AND FIELD PROCEDURES

The micro-gravity was for locating low density zones such as voids and tunnel.

Micro-gravity

The gravimeter instrument measures the earth's gravitational acceleration. After corrections are made to the gravity measurements for latitude, elevation, tide, drift, regional trend, and terrain at each station, the gravity values represents an excess or deficiency in mass of the subsurface geology.

For this study, gravity measurements were made with a Burris gravity meter (or equivalent) that has a reading resolution of 5 microgal (μgals) and a standard deviation of less than 10 μgals . The average value of gravity on the Earth's surface is 980 milligals. Gravity readings were taken at 10 foot spacing. Data were recorded in a field notebook and stored digitally in the instrument, then downloaded to a laptop computer daily. The computer programs GravMaster and GravModeler were used to process and model the gravity data. Tide, free-air, latitude, Bouguer, drift, regional trend removal, and terrain corrections were applied to the readings.

RESULTS

The gravity data were collected at 74 stations. The gravity stations in Washington State Plane North are shown in Figure 1. After tide and elevation correction, the gravity contour plans are presented in Figure 2. One large low gravity zones is highlighted. The cause of this low gravity anomaly is likely due to the presence of void and/or increased soil thickness. Another small low gravity at stations 72-74 is likely due to the increase of soil thickness.

LIMITATION OF GEOPHYSICAL METHODS

Global Geophysics services will be conducted in a manner consistent with the level of care and skill ordinarily exercised by other members of the geophysical community currently practicing under similar conditions subject to the time limits and financial and physical constraints applicable to the services. However, micro-gravity is a remote sensing geophysical method that may not detect all subsurface conditions. Where interpretation from geophysical data is an important element for cost or safety of operations, the data and interpretations should always be checked for reasonableness against known or expected subsurface data, and verified at critical locations by physical means such as borings or excavation.

Sincerely,

Global Geophysics



John Liu, Ph.D., R.G.
Principal Geophysicist