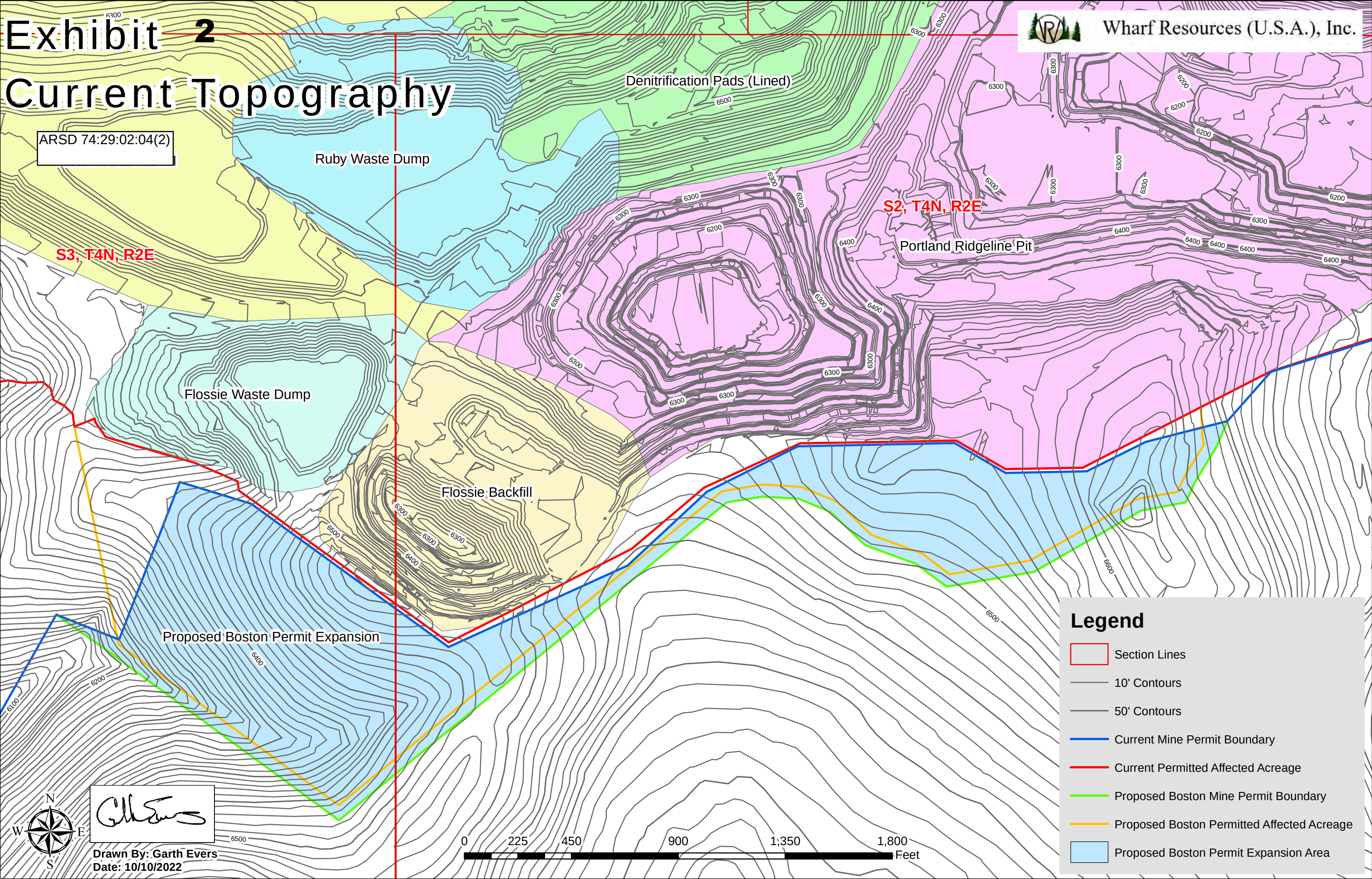




Exhibit 2

Current Topography

ARSD 74:29:02:04(2)



Legend

-  Section Lines
-  10' Contours
-  50' Contours
-  Current Mine Permit Boundary
-  Current Permitted Affected Acreage
-  Proposed Boston Mine Permit Boundary
-  Proposed Boston Permitted Affected Acreage
-  Proposed Boston Permit Expansion Area



Drawn By: Garth Evers
Date: 10/10/2022

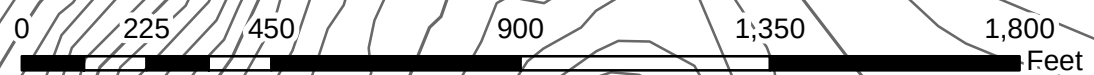
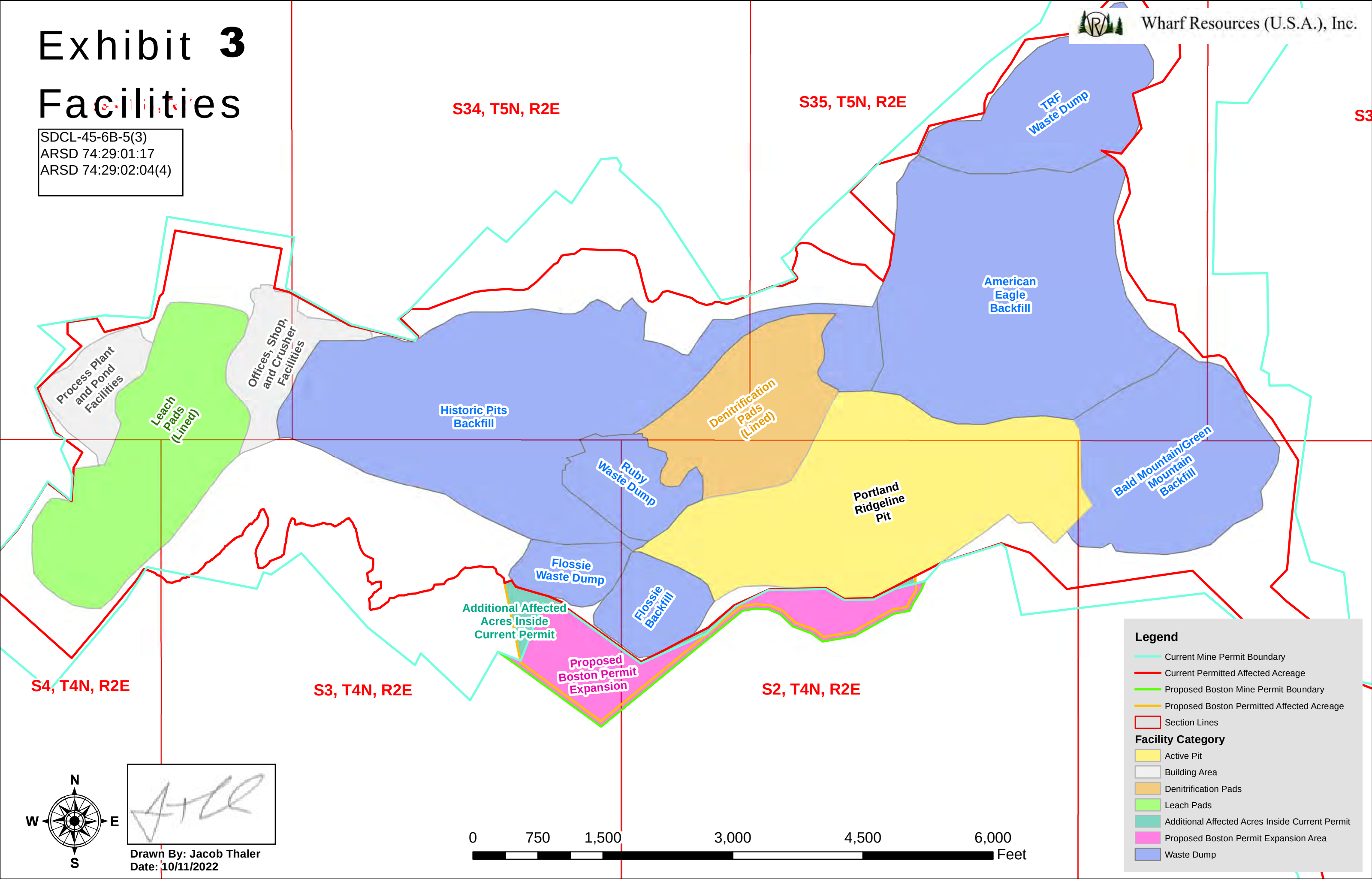


Exhibit 3

Facilities

SDCL-45-6B-5(3)
ARSD 74:29:01:17
ARSD 74:29:02:04(4)

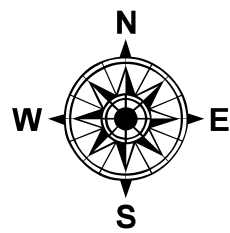


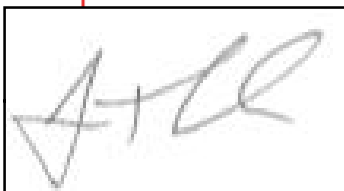
Legend

- Current Mine Permit Boundary
- Current Permitted Affected Acreage
- Proposed Boston Mine Permit Boundary
- Proposed Boston Permitted Affected Acreage
- Section Lines

Facility Category

- Active Pit
- Building Area
- Denitrification Pads
- Leach Pads
- Additional Affected Acres Inside Current Permit
- Proposed Boston Permit Expansion Area
- Waste Dump





Drawn By: Jacob Thaler
Date: 10/11/2022

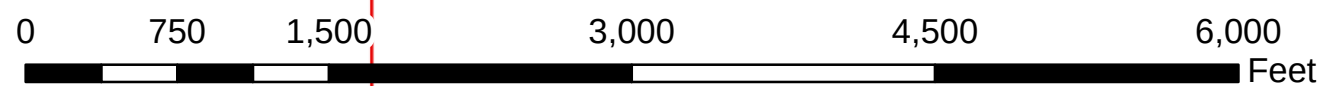


Exhibit 4A

Boston Permit Surface Ownership

S3, T4N, R2E

S2, T4N, R2E

S2, T4N, R2E

SDCL-45-6B-5(3)
SDCL 45-6B-10(1, 2, and 5)
ARSD 74:29:01:17(1)
ARSD 74:29:02:03





Drawn By: Garth Evers
Date: 10/10/2022

Legend

- Current Mine Permit Boundary
- Current Permitted Affected Acreage
- Proposed Boston Mine Permit/Lawrence Co. CUP Boundary
- Proposed Boston Permitted Affected Acreage
- Proposed Boston Permit Expansion Area
- 500' Offset of Mining Disturbance for Buffer Waivers
- 500' From Proposed Boston Mine Permit Boundary

Parcels

- All Other Owners
- Wharf Resources (USA) Inc.
- Section Lines

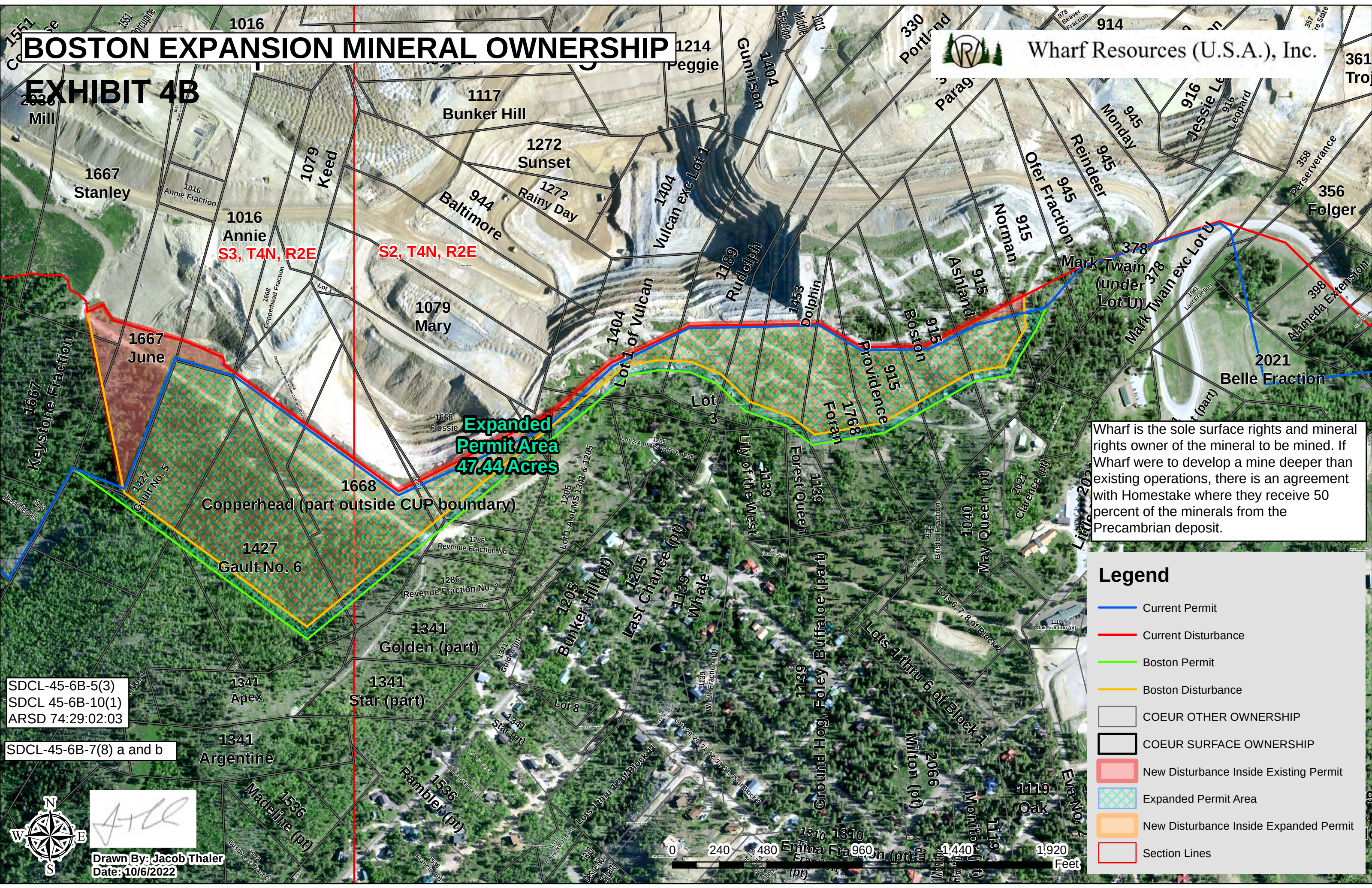


BOSTON EXPANSION MINERAL OWNERSHIP

EXHIBIT 4B



Wharf Resources (U.S.A.), Inc.



S3, T4N, R2E

S2, T4N, R2E

Expanded
Permit Area
47.44 Acres

SDCL-45-6B-5(3)
SDCL 45-6B-10(1)
ARSD 74:29:02:03

SDCL-45-6B-7(8) a and b



Handwritten signature

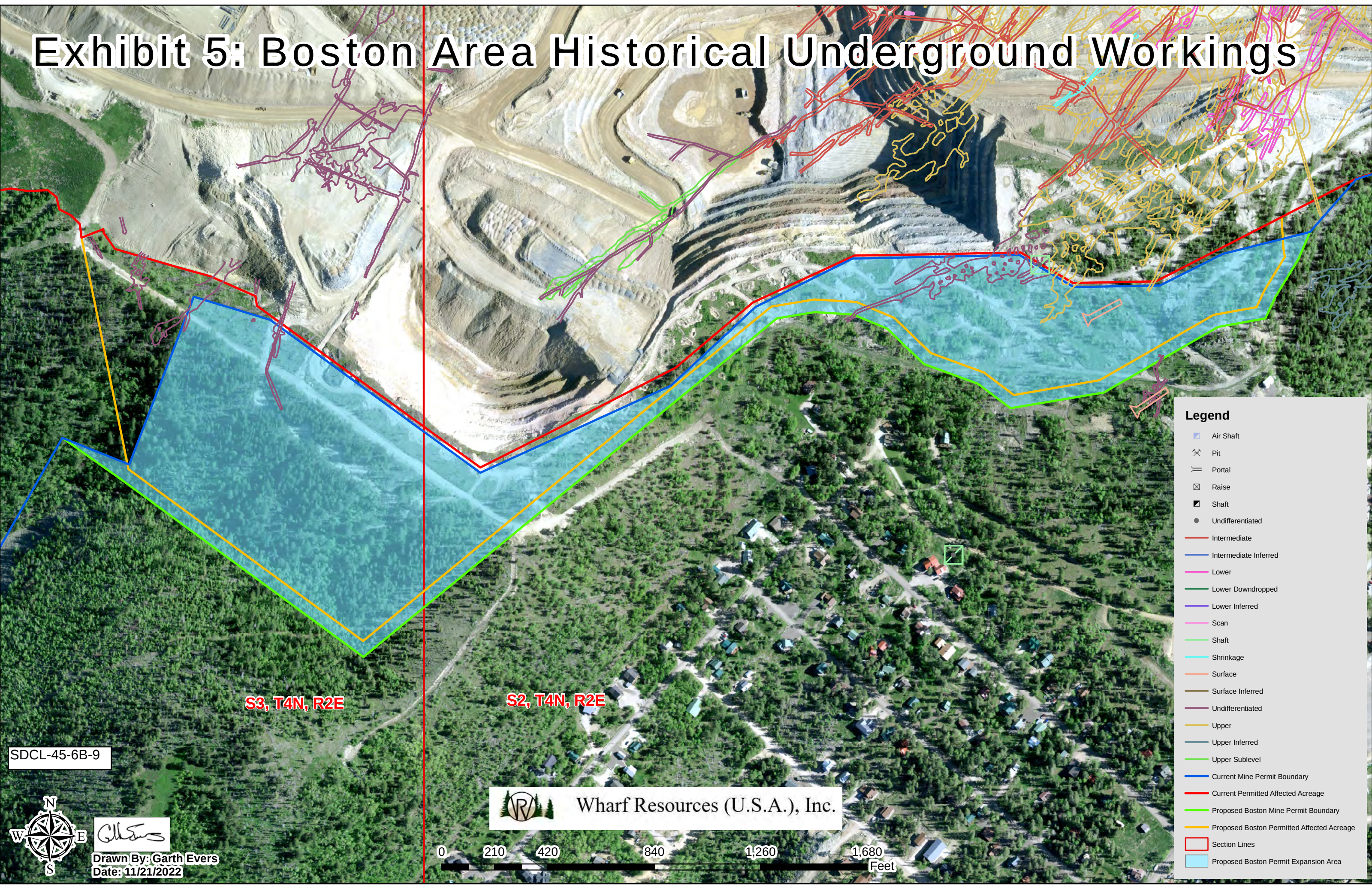
Drawn By: Jacob Thaler
Date: 10/6/2022

Wharf is the sole surface rights and mineral rights owner of the mineral to be mined. If Wharf were to develop a mine deeper than existing operations, there is an agreement with Homestake where they receive 50 percent of the minerals from the Precambrian deposit.

Legend

- Current Permit
- Current Disturbance
- Boston Permit
- Boston Disturbance
- COEUR OTHER OWNERSHIP
- COEUR SURFACE OWNERSHIP
- New Disturbance Inside Existing Permit
- Expanded Permit Area
- New Disturbance Inside Expanded Permit
- Section Lines

Exhibit 5: Boston Area Historical Underground Workings



SDCL-45-6B-9



Garth Evers

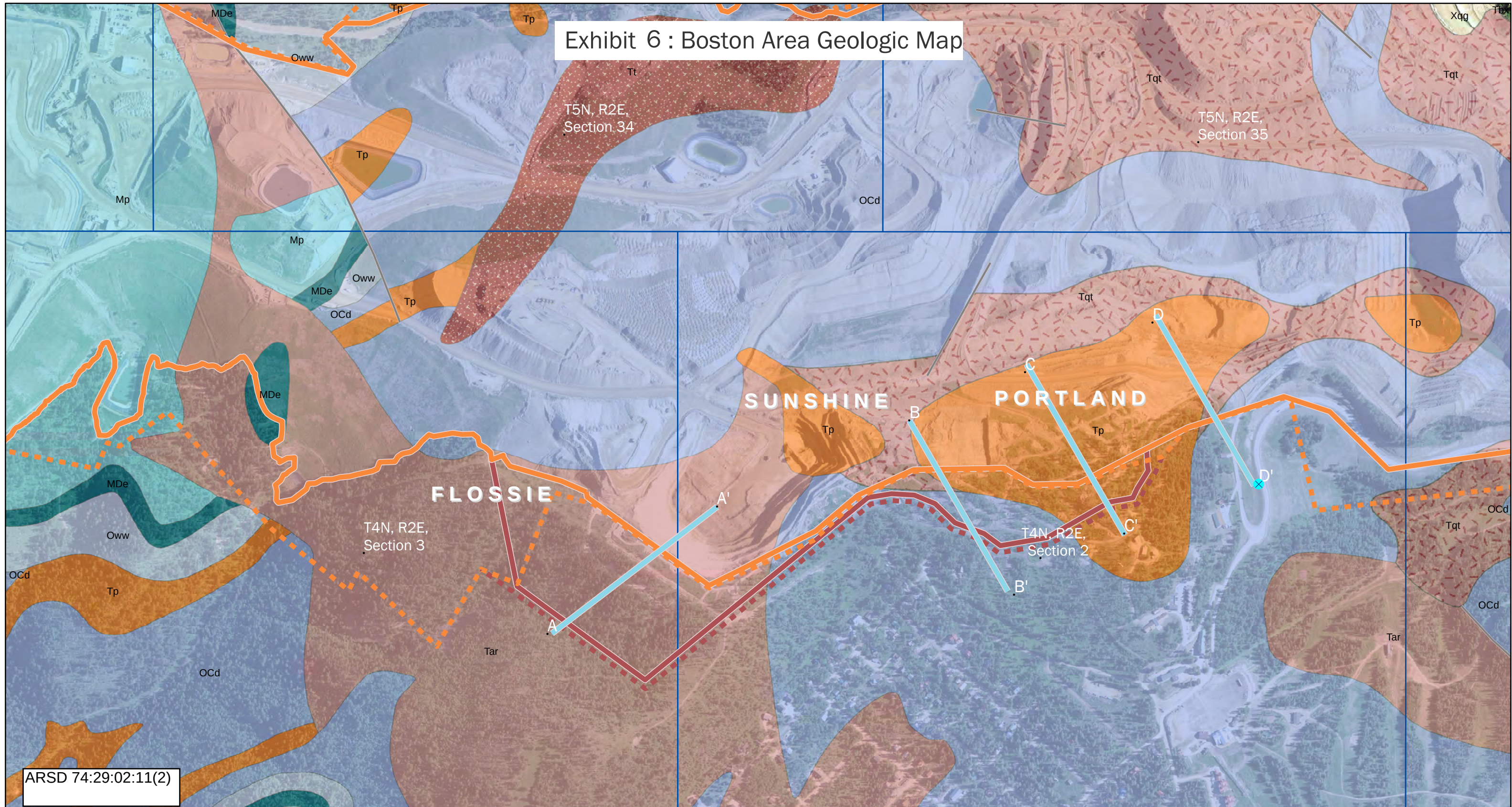
Drawn By: Garth Evers
Date: 11/21/2022



Wharf Resources (U.S.A.), Inc.

0 210 420 840 1,260 1,680 Feet

Exhibit 6 : Boston Area Geologic Map



ARSD 74:29:02:11(2)



Wharf Resources (U.S.A.), Inc.

Drawn by: Lindsay Chasten

Lindsay Chasten

Date: February 2, 2022

Revised: May 24, 2022

Imagery Collected: June 29, 2021

Coordinate System: Ponderosa Wharf
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 54,946.2500
False Northing: 48,289.1800
Central Meridian: -103.8410
Scale Factor: 1.0003
Latitude Of Origin: 44.3400
Units: Foot US

Cross-Sections

Permit Boundaries

- Proposed Boston Permitted Affected Acreage
- Proposed Boston Mine Permit Boundary
- Permitted Affected Acreage
- Mine Permit Boundary

Geology (Redden et al., 2009)

Unit

- Phonolite
- Alkali Rhyolite
- Quartz Trachyte

Tt

Mp

MDe

Oww

OCd

fault

Trachyte

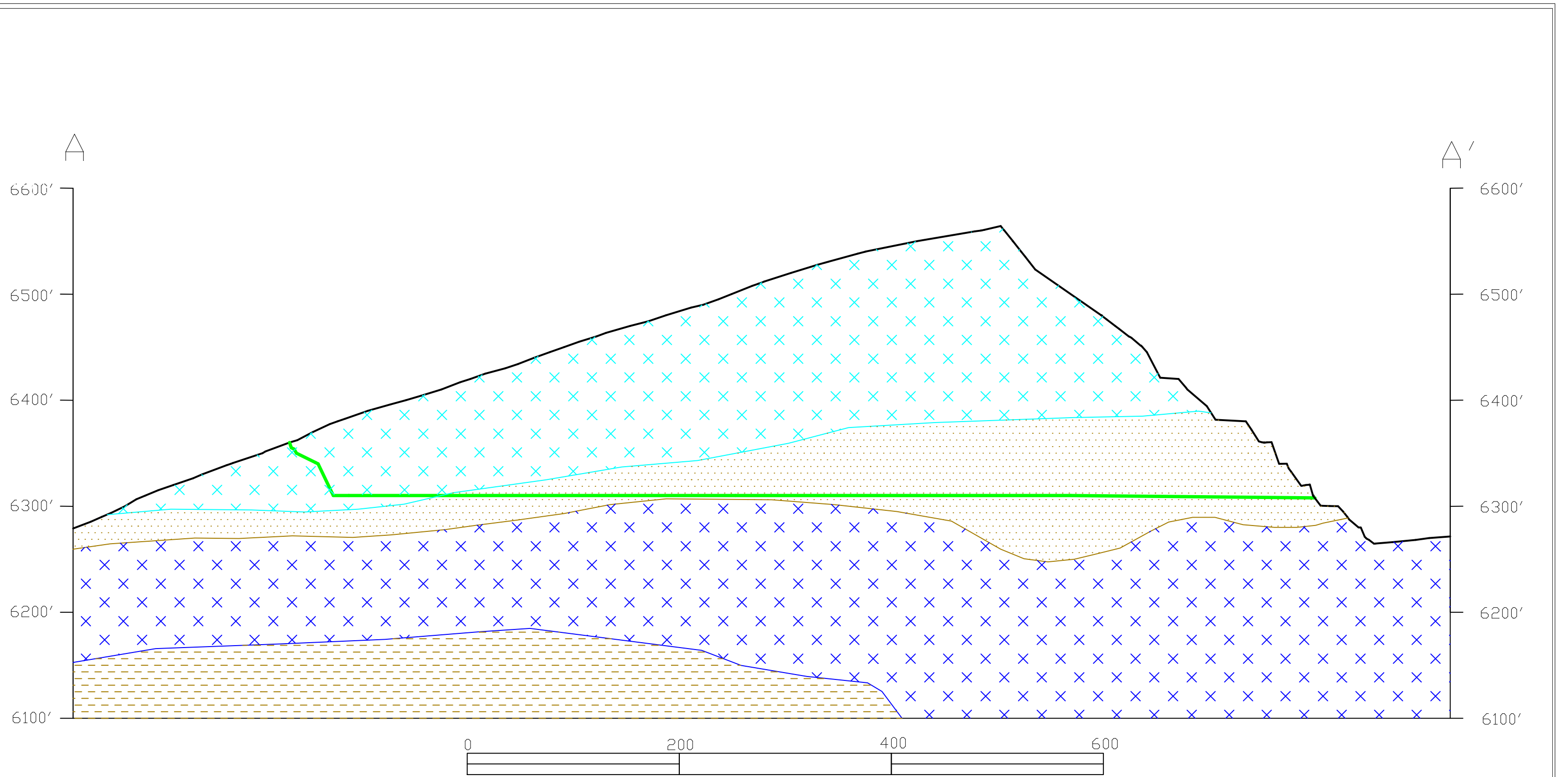
Pahasapa Fm

Englewood Fm

Whitewood-Winnipeg Fms

Deadwood Fm

1,000 500 0 1,000 Feet



ARSD 74:29:02:04(3)
ARSD 74:29:02:11(2)



Wharf Resources (U.S.A.), Inc.
10928 Wharf Road, Lead, SD 57754

Drawn by: Kenan Sarratt
Date: September 27, 2022

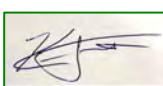


Exhibit 7
Geology Cross Section A

Legend

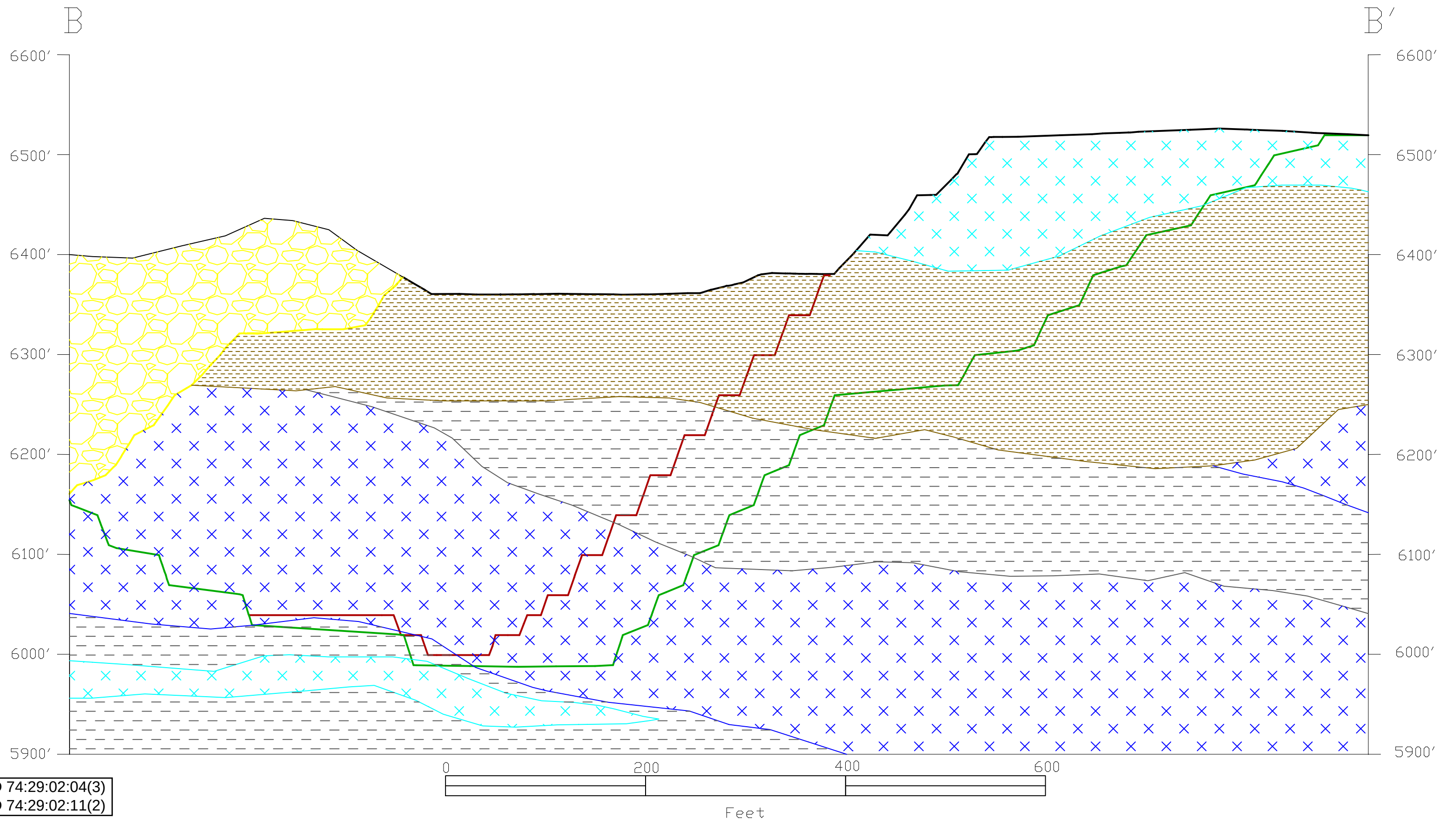
 Boston Permit Pit

 Current Topo

 Deadwood

 Trachyte

 Phonolite



Wharf Resources (U.S.A.), Inc.

10928 Wharf Road, Lead, SD 57754

Drawn by: Kenan Sarratt
Date: October 10, 2020

Exhibit 8 Geology Cross Section B

Legend

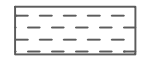
Current Design Pit
Boston Permit Pit
Current Topo



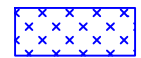
Fill



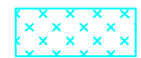
Deadwood



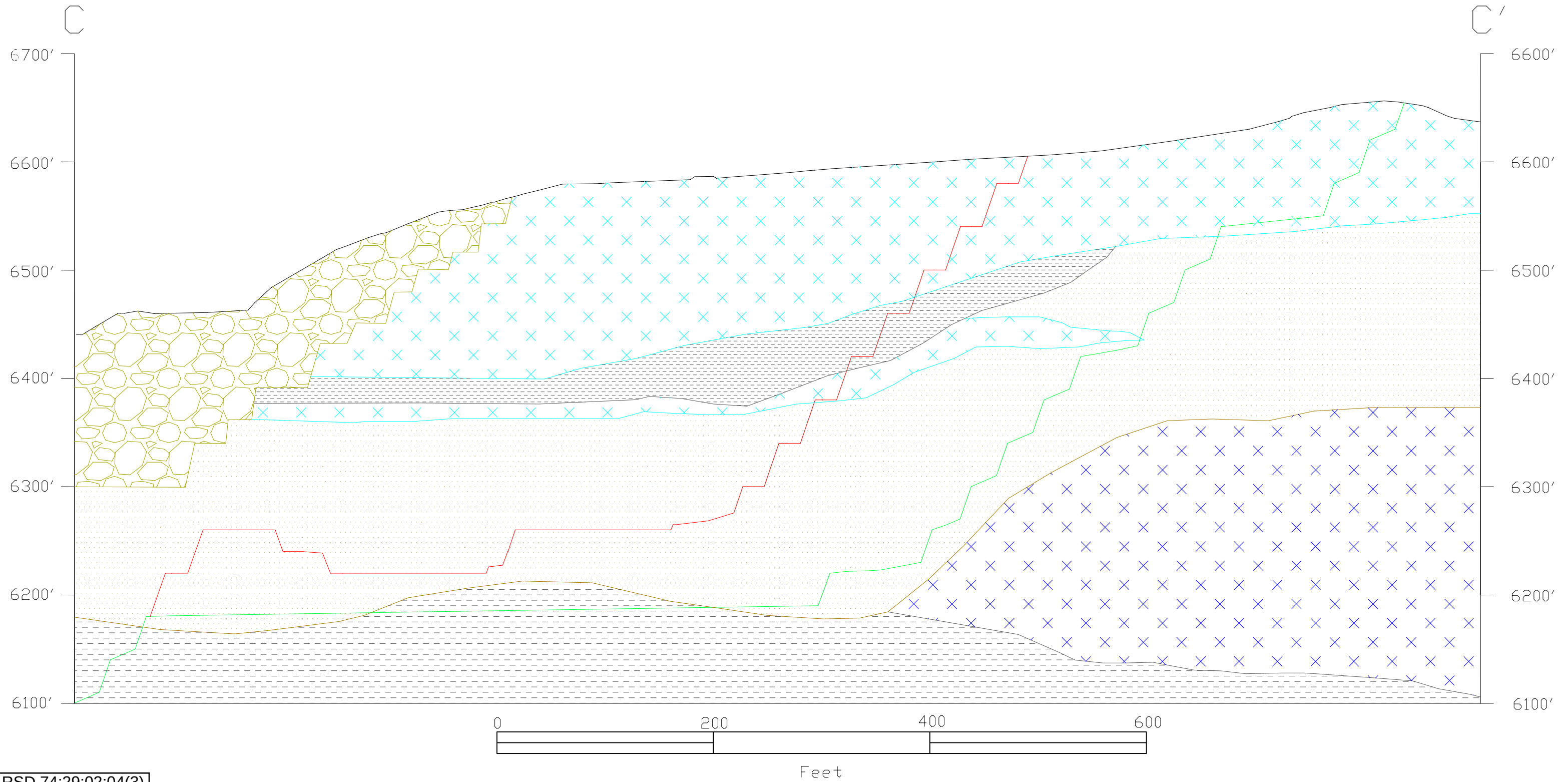
Shale



Trachyte



Phonolite



ARSD 74:29:02:04(3)
ARSD 74:29:02:11(2)



Wharf Resources (U.S.A.), Inc.

10928 Wharf Road, Lead, SD 57754

Drawn by: Kenan Sarratt
Date: October 10, 2020

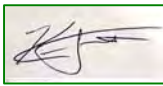
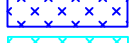
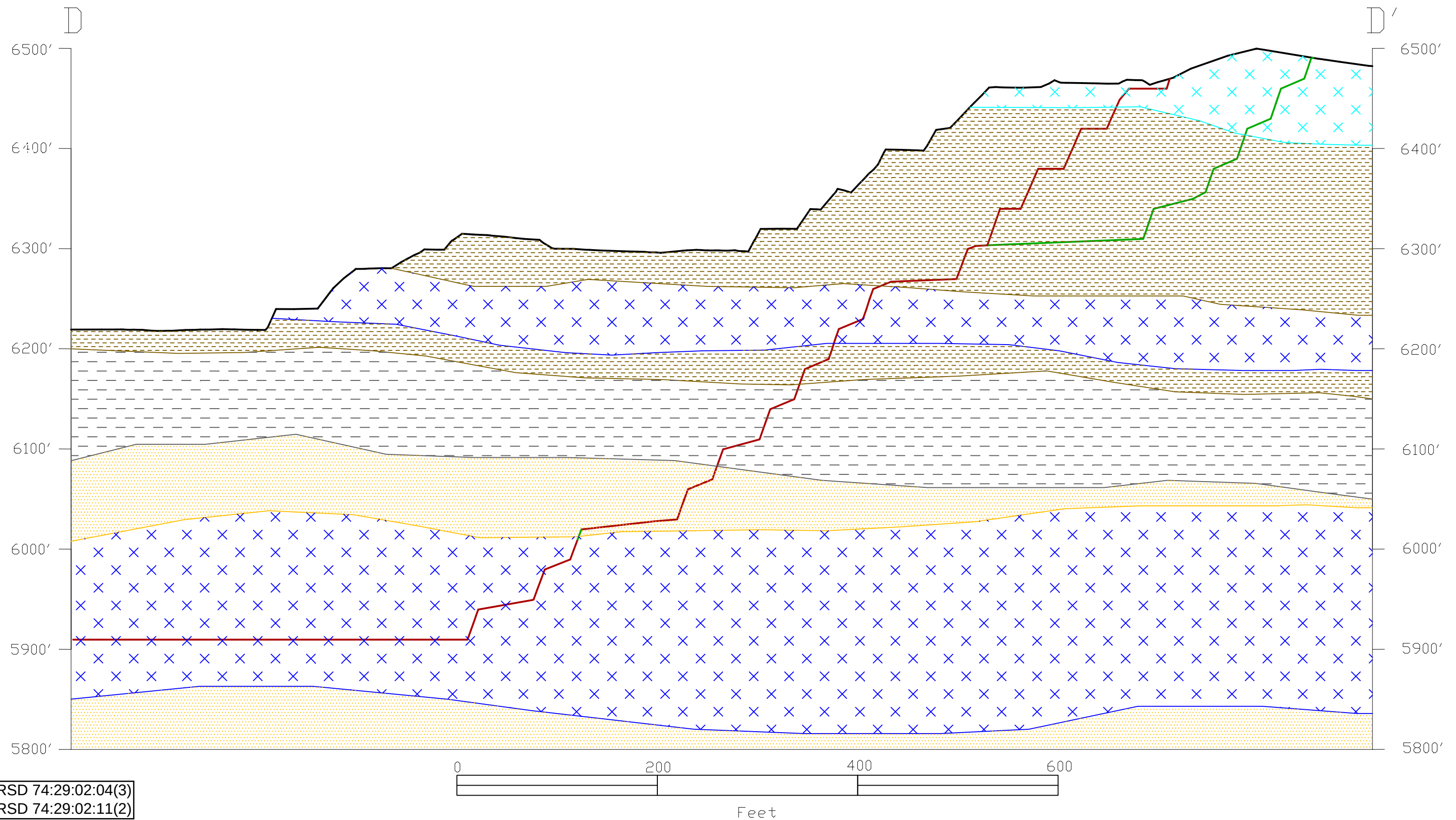


Exhibit 9 Geology Cross Section C

Legend

 Current Design Pit
  Boston Permit Pit
  Current Topo

 Fill
  Deadwood
  Shale
  Trachyte
  Phonolite



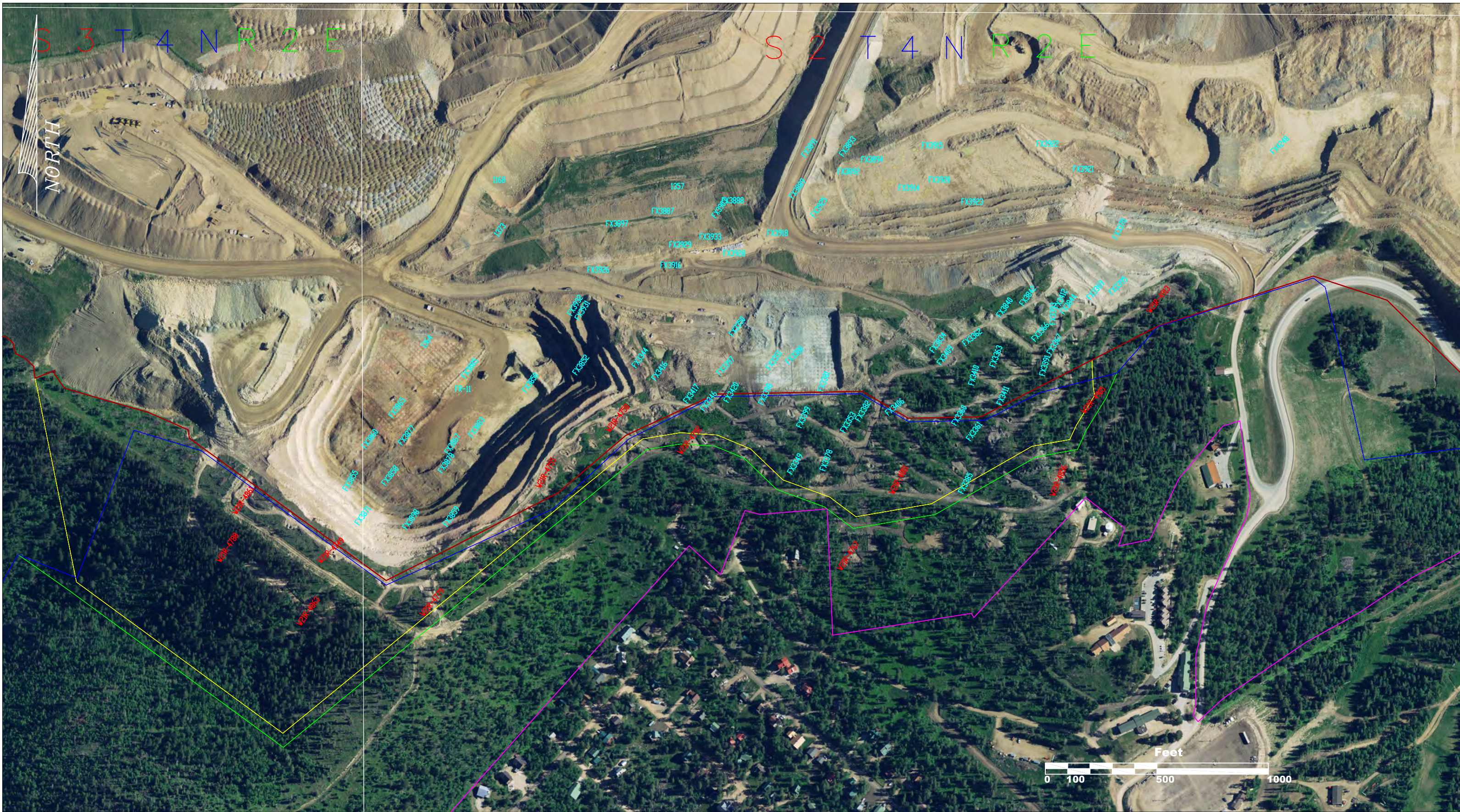
Wharf Resources (U.S.A.), Inc.

10928 Wharf Road, Lead, SD 57754

Drawn by: Kenan Sarratt
Date: September 27, 2022

Exhibit 10 Geology Cross Section D







Wharf Resources (U.S.A.), Inc.

10928 Wharf Road, Lead, SD 57754

Drawn by: Kenan Sarratt
Date: September 28, 2022

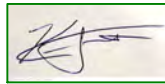


Exhibit 12

Whole Rock Locations

ARSD 74:29:02:11(6)

Legend

 Current Mine Permit Boundary	 Property Boundary
 Current Permitted Affected Acreage	 FX3864 Historic Sample
 Proposed Boston Mine Permit Boundary	 W21R-* New Sample
 Proposed Boston Permitted Affected Acreage	





Wharf Resources (U.S.A.), Inc.

10928 Wharf Road, Lead, SD 57754

Drawn by: Kenan Sarratt
Date: September 28, 2022

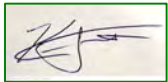


Exhibit 14
Humidity Cell Locations

ARSD 74:29:02:11(6)

Legend

Current Mine Permit Boundary

Current Permitted Affected Acreage

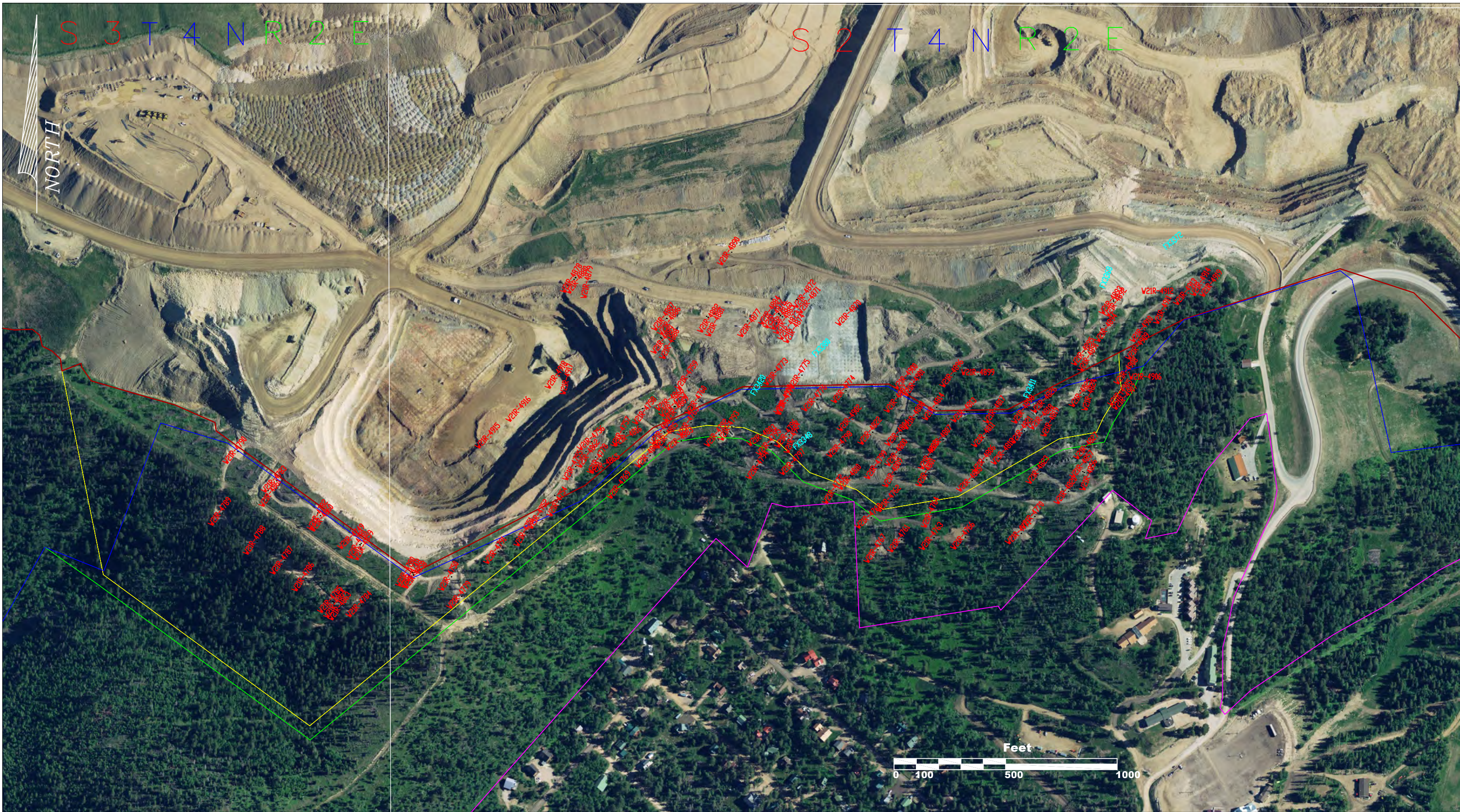
Proposed Boston Mine Permit Boundary

Proposed Boston Permitted Affected Acreage

Property Boundary

FX3864 Historic Sample

W21R-* New Sample





Wharf Resources (U.S.A.), Inc.

10928 Wharf Road, Lead, SD 57754

Drawn by: Kenan Sarratt
Date: September 28, 2022



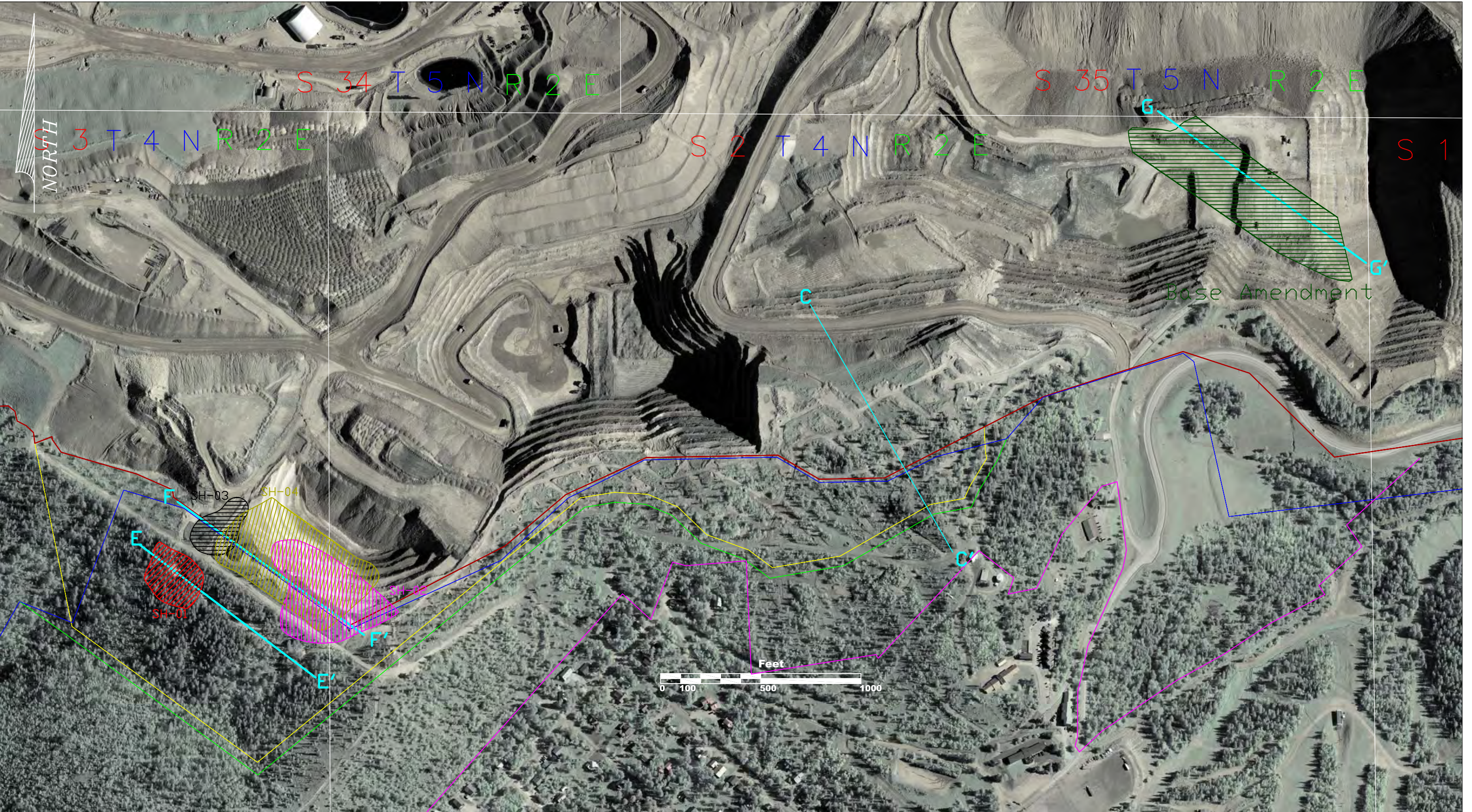
Exhibit 15

Nitrate Locations

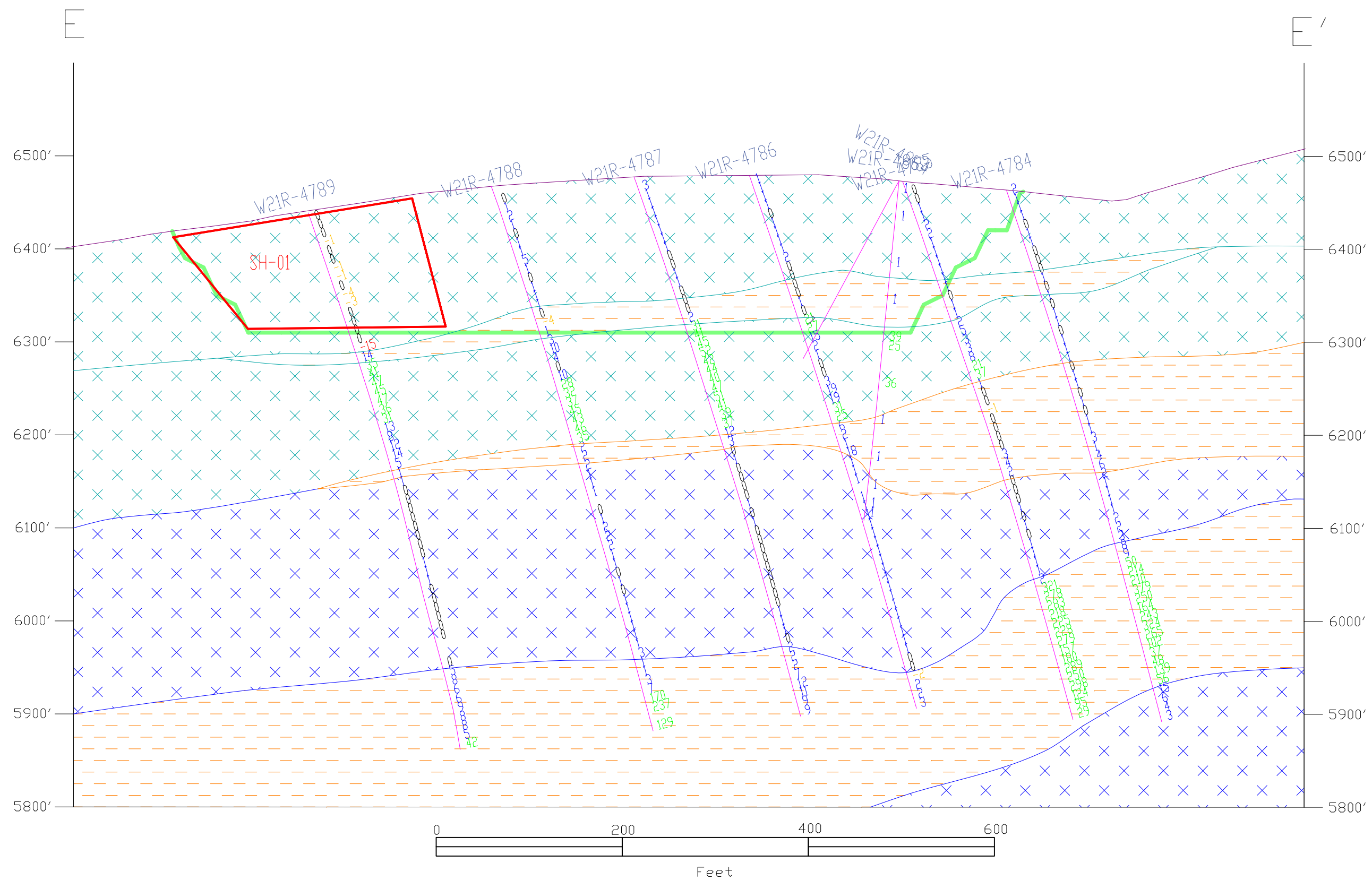
ARSD 74:29:02:11(6)

Legend

 Current Mine Permit Boundary	 Property Boundary
 Current Permitted Affected Acreage	 FX3864 Historic Sample
 Proposed Boston Mine Permit Boundary	 W21R-* New Sample
 Proposed Boston Permitted Affected Acreage	



Wharf Resources (U.S.A.), Inc. 10928 Wharf Road, Lead, SD 57754 Drawn by: Kenan Sarratt Date: May 24, 2022	Exhibit 16 Potential Special Handling and Base Amendment Areas ARSD 74:29:02:11(6)	Legend <table><tr><td></td><td>Current Mine Permit Boundary</td><td></td><td>Property Boundary</td></tr><tr><td></td><td>Current Permitted Affected Acreage</td><td></td><td></td></tr><tr><td></td><td>Proposed Boston Mine Permit Boundary</td><td></td><td></td></tr><tr><td></td><td>Proposed Boston Permitted Affected Acreage</td><td></td><td></td></tr></table>		Current Mine Permit Boundary		Property Boundary		Current Permitted Affected Acreage				Proposed Boston Mine Permit Boundary				Proposed Boston Permitted Affected Acreage		
	Current Mine Permit Boundary		Property Boundary															
	Current Permitted Affected Acreage																	
	Proposed Boston Mine Permit Boundary																	
	Proposed Boston Permitted Affected Acreage																	



Wharf Resources (U.S.A.), Inc.
10928 Wharf Road, Lead, SD 57754

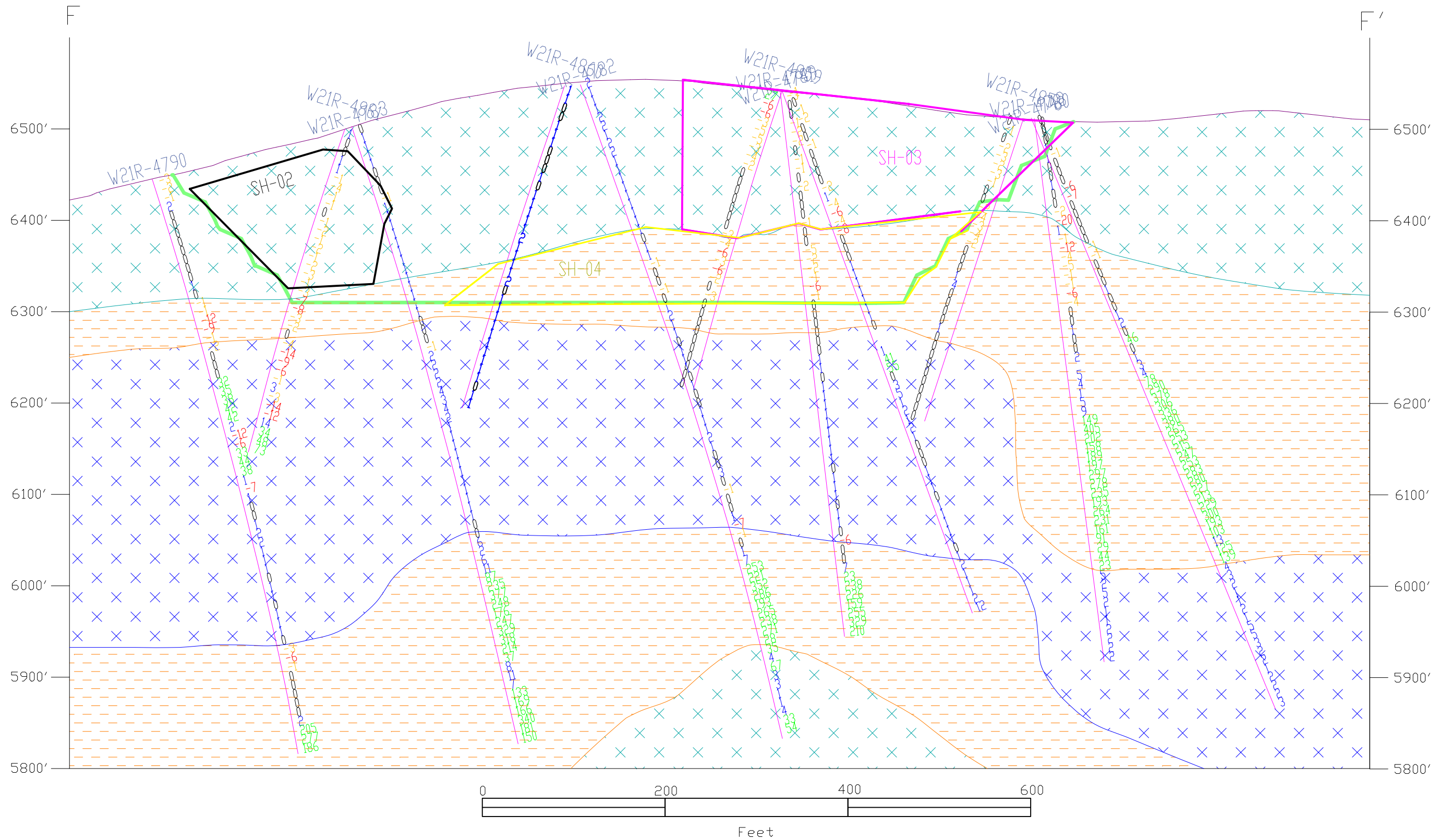
Drawn by: Kenan Sarratt
Date: September 26, 2022

Exhibit 17 Flossie Section E

ARSD 74:29:02:11(6)

Legend

- Design Pit
- Drill Trace
- 1 0 1 NNP sampe results
- Deadwood
- Intrusive



SDCL 45-6B-10(4)

 **Wharf Resources (U.S.A.), Inc.**
10928 Wharf Road, Lead, SD 57754

Drawn by: Kenan Sarratt
Date: September 26, 2022

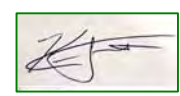
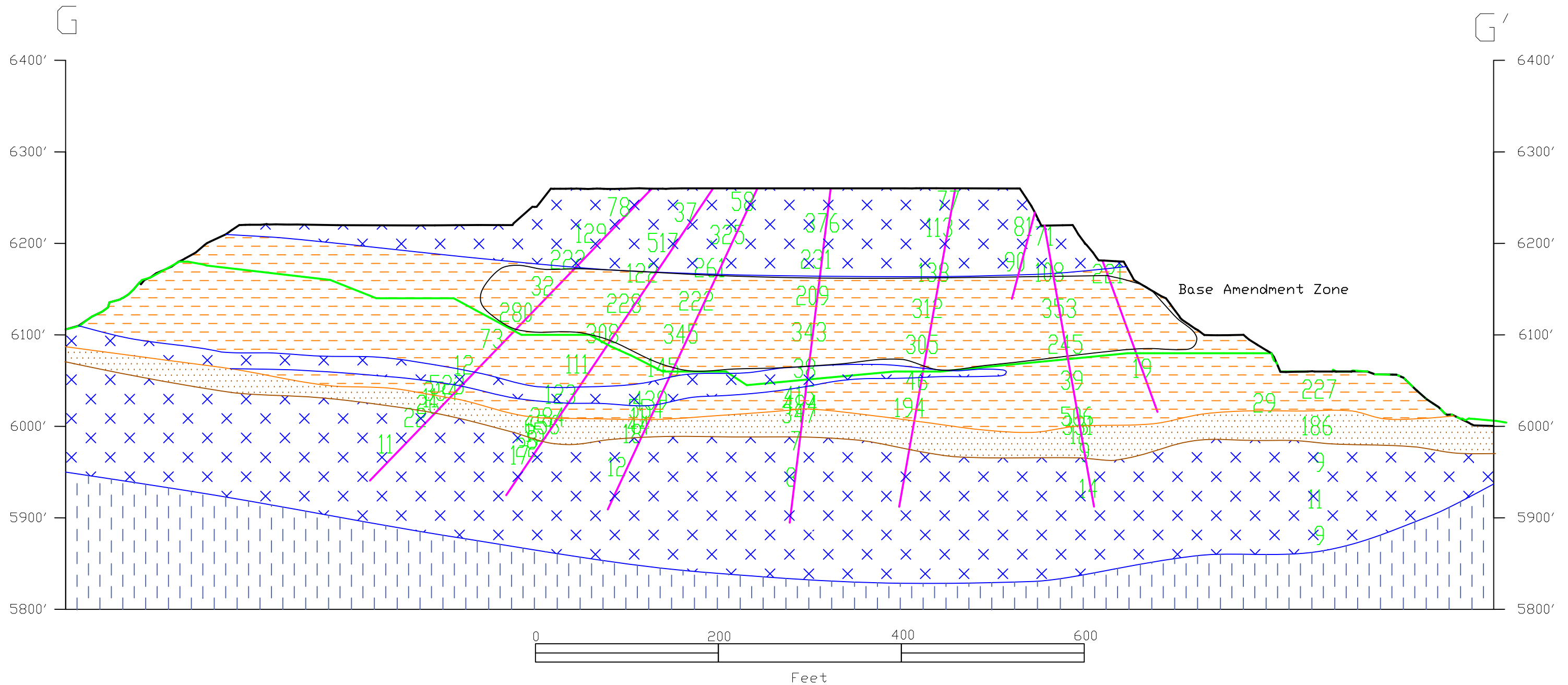


Exhibit 18
Flossie Section F

ARSD 74:29:02:11(6)

- Legend
-  Design Pit
 -  Drill Trace
 -  -1 0 1 NNP sample results
 -  Deadwood
 -  Intrusive



SDCL 45-6B-10(4)



Wharf Resources (U.S.A.), Inc.

10928 Wharf Road, Lead, SD 57754

Drawn by: Kenan Sarratt
Date: October 10, 2022

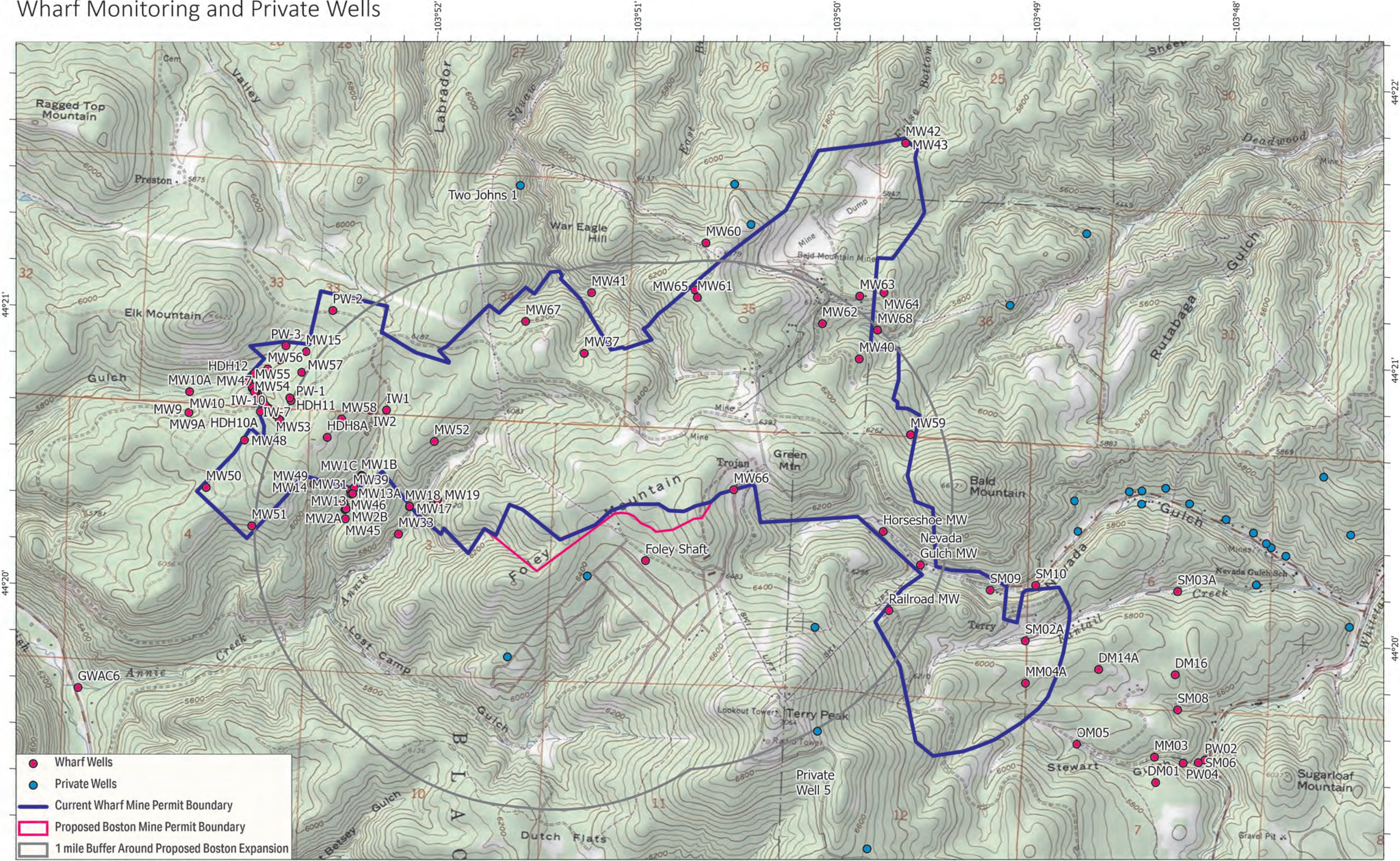
Exhibit 19A
Flossie Section G

ARSD 74:29:02:11(6)

Legend

- Design Pit
- Drill Trace
- 1 0 1 NNP sampe results
- Deadwood
- x x x x Intrusive
- | | Precambrian

Exhibit 20
Wharf Monitoring and Private Wells

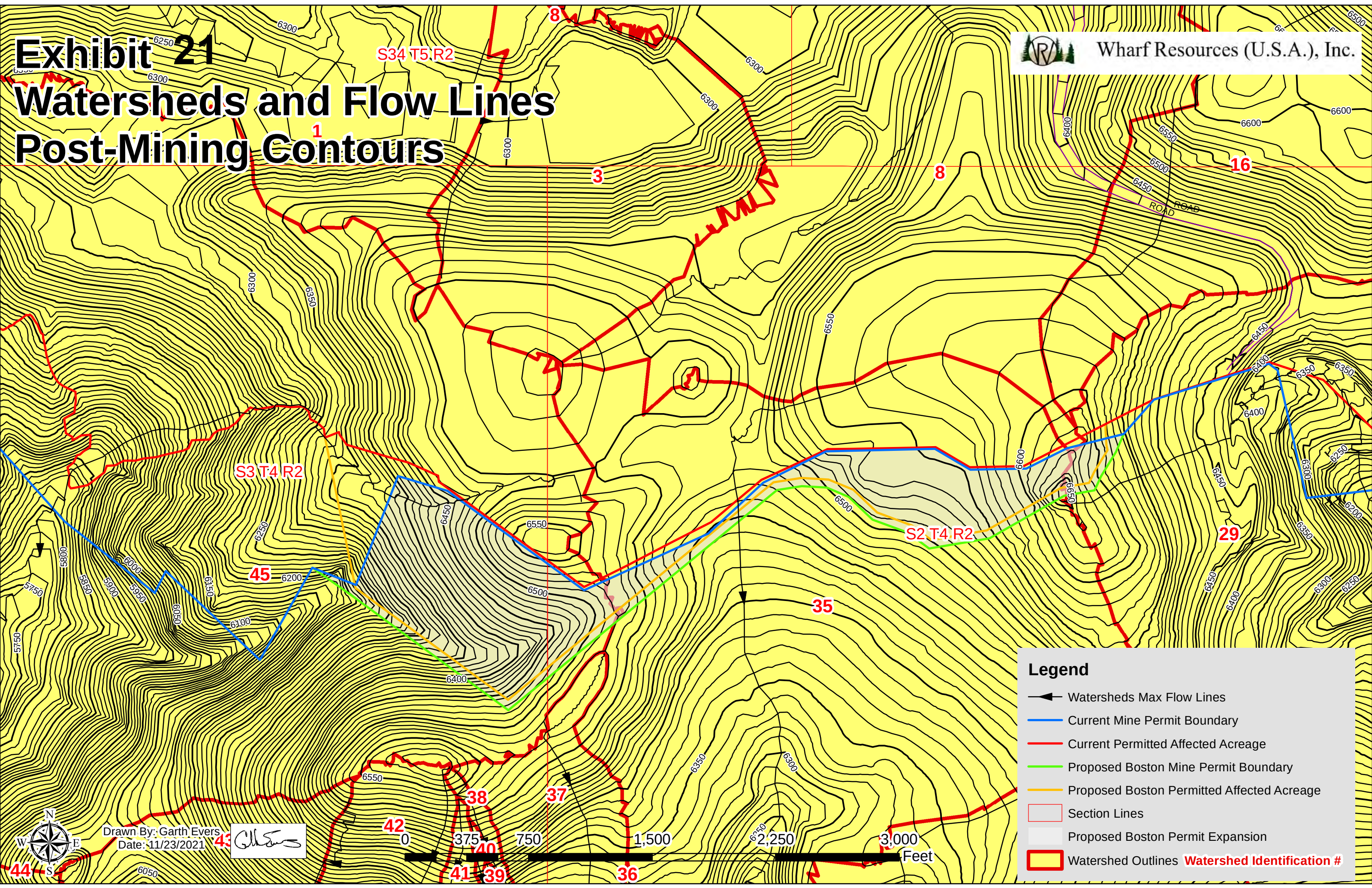


SDCL 45-6B-10(4)
ARSD 74:29:02:11(4)

Exhibit 21 Watersheds and Flow Lines Post-Mining Contours



Wharf Resources (U.S.A.), Inc.



Legend

Watersheds Max Flow Lines

Current Mine Permit Boundary

Current Permitted Affected Acreage

Proposed Boston Mine Permit Boundary

Proposed Boston Permitted Affected Acreage

Section Lines

Proposed Boston Permit Expansion

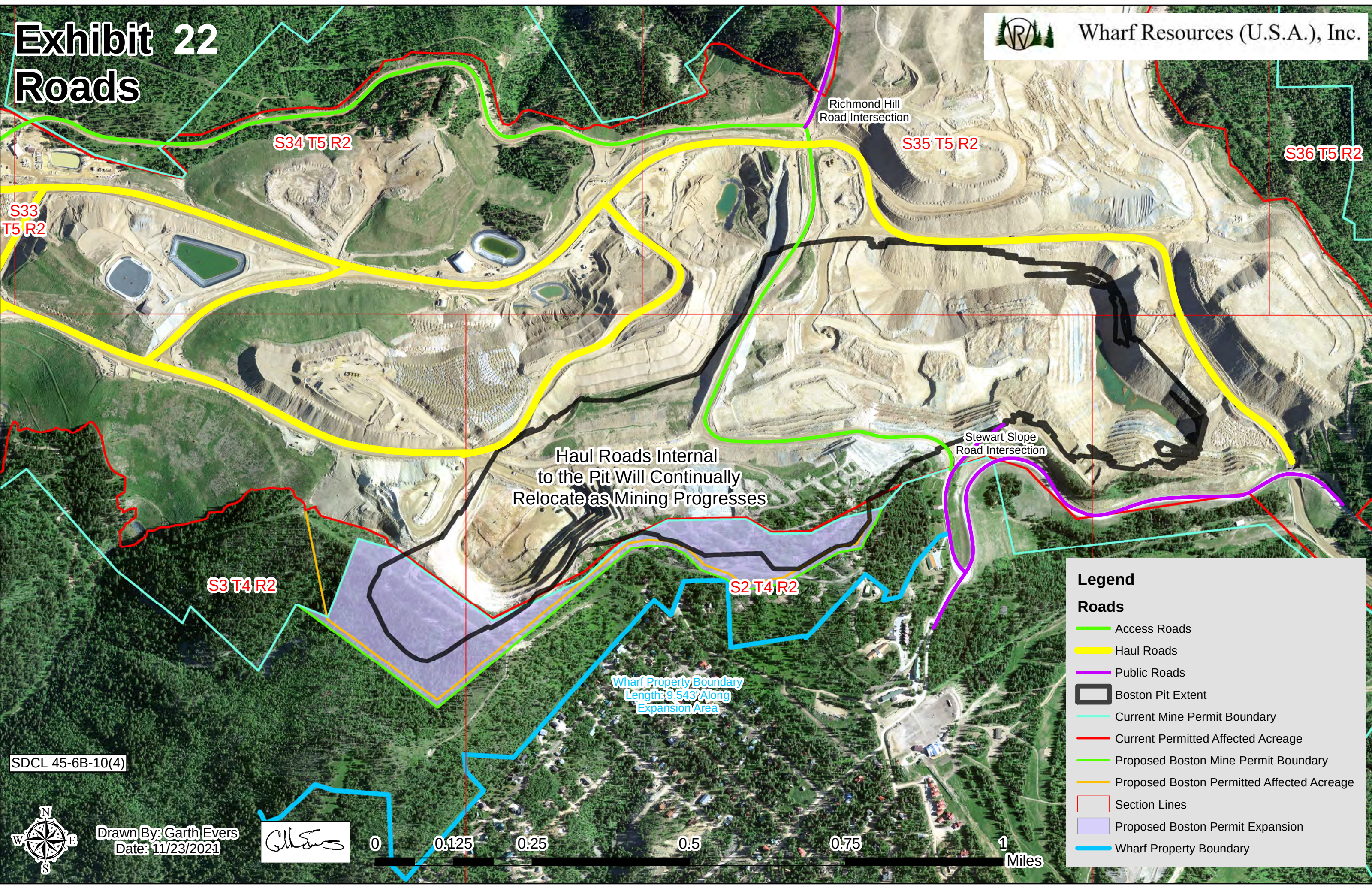
Watershed Outlines **Watershed Identification #**

Drawn By: Garth Evers
Date: 11/23/2021

Exhibit 22 Roads



Wharf Resources (U.S.A.), Inc.



Legend

Roads

- Access Roads
- Haul Roads
- Public Roads
- Boston Pit Extent
- Current Mine Permit Boundary
- Current Permitted Affected Acreage
- Proposed Boston Mine Permit Boundary
- Proposed Boston Permitted Affected Acreage
- Section Lines
- Proposed Boston Permit Expansion
- Wharf Property Boundary

SDCL 45-6B-10(4)



Drawn By: Garth Evers
Date: 11/23/2021

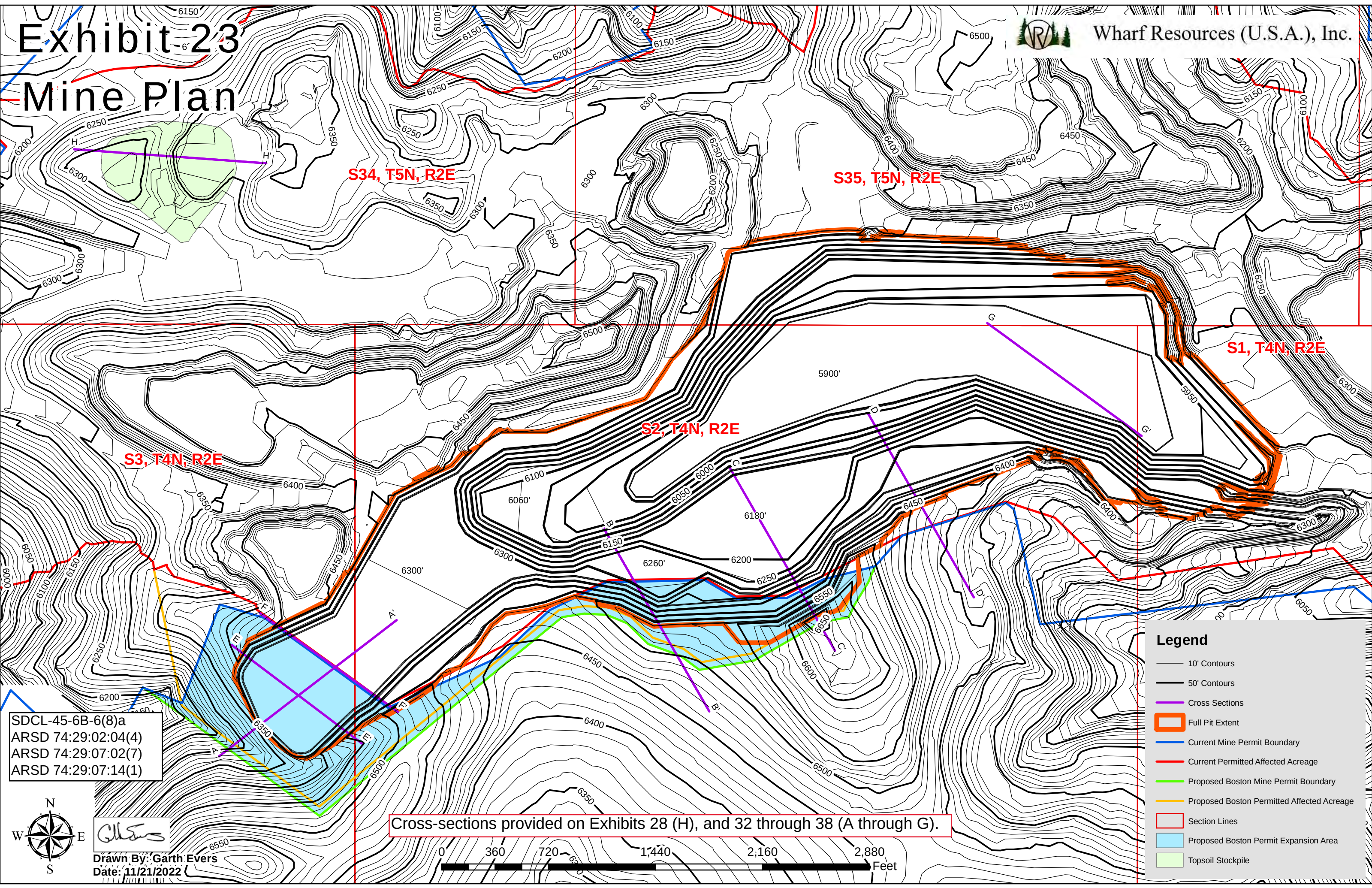
Garth Evers

0 0.125 0.25 0.5 0.75 1 Miles

Exhibit 23 Mine Plan



Wharf Resources (U.S.A.), Inc.



SDCL-45-6B-6(8)a
ARSD 74:29:02:04(4)
ARSD 74:29:07:02(7)
ARSD 74:29:07:14(1)



Garth Evers

Drawn By: Garth Evers
Date: 11/21/2022

Cross-sections provided on Exhibits 28 (H), and 32 through 38 (A through G).

Legend

- 10' Contours
- 50' Contours
- Cross Sections
- Full Pit Extent
- Current Mine Permit Boundary
- Current Permitted Affected Acreage
- Proposed Boston Mine Permit Boundary
- Proposed Boston Permitted Affected Acreage
- Section Lines
- Proposed Boston Permit Expansion Area
- Topsoil Stockpile

Exhibit 24 Boston Utilities



Wharf Resources (U.S.A.), Inc.

Proposed Boston Expansion Area

S3, T4N, R2E

S2, T4N, R2E

SDCL-45-6B-6(8)
SDCL 45-6B-10(4)



Drawn by: Garth Evers
Date: 06/01/2022

0 300 600 1,200 1,800 2,400 Feet

Legend

- Coeur Wharf Land Ownership Boundary
- Existing Gas
- Existing Overhead Power
- Existing Overhead Communication
- Existing Water
- - - Re-Route Gas
- - - Re-route Overhead Power
- - - Re-route Overhead Communication
- - - Re-route Water
- Current Mine Permit Boundary
- Current Permitted Affected Acreage
- Proposed Boston Mine Permit Boundary
- Proposed Boston Permitted Affected Acreage
- Section Lines
- Proposed Boston Permit Expansion Area

Exhibit 25

Permit Crusher Flow Diagram

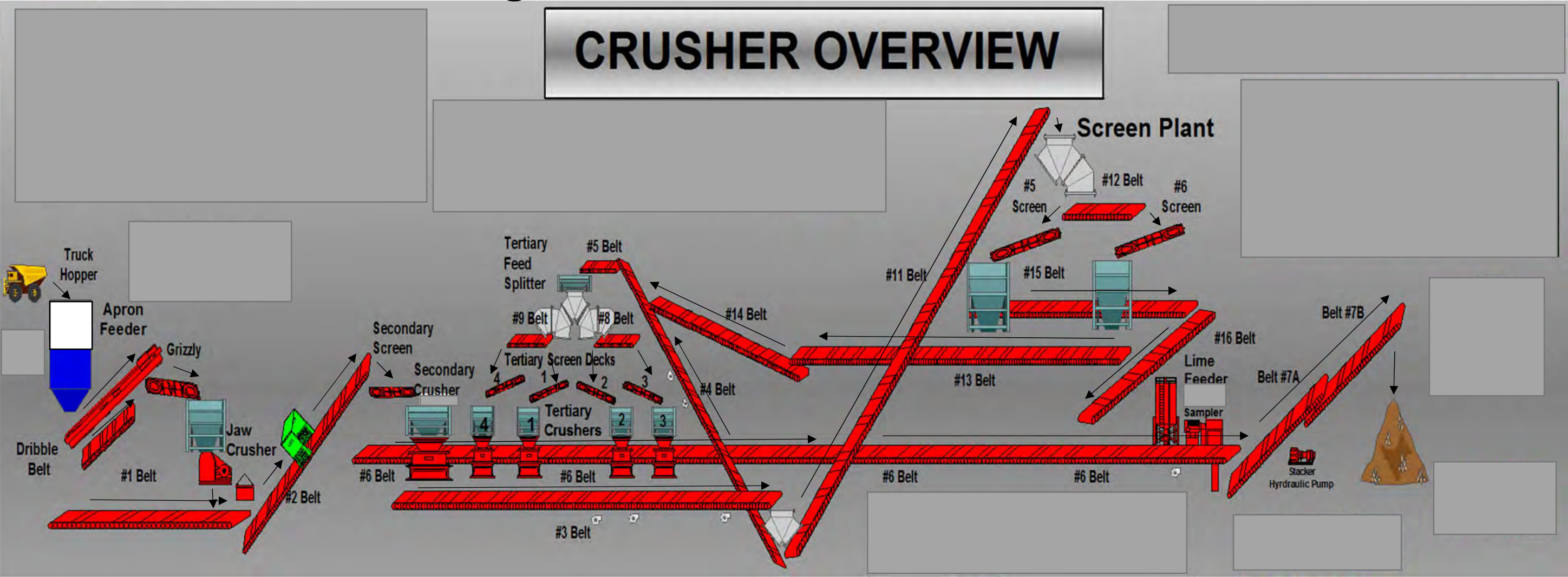


Exhibit 26

Wharf Plant Process

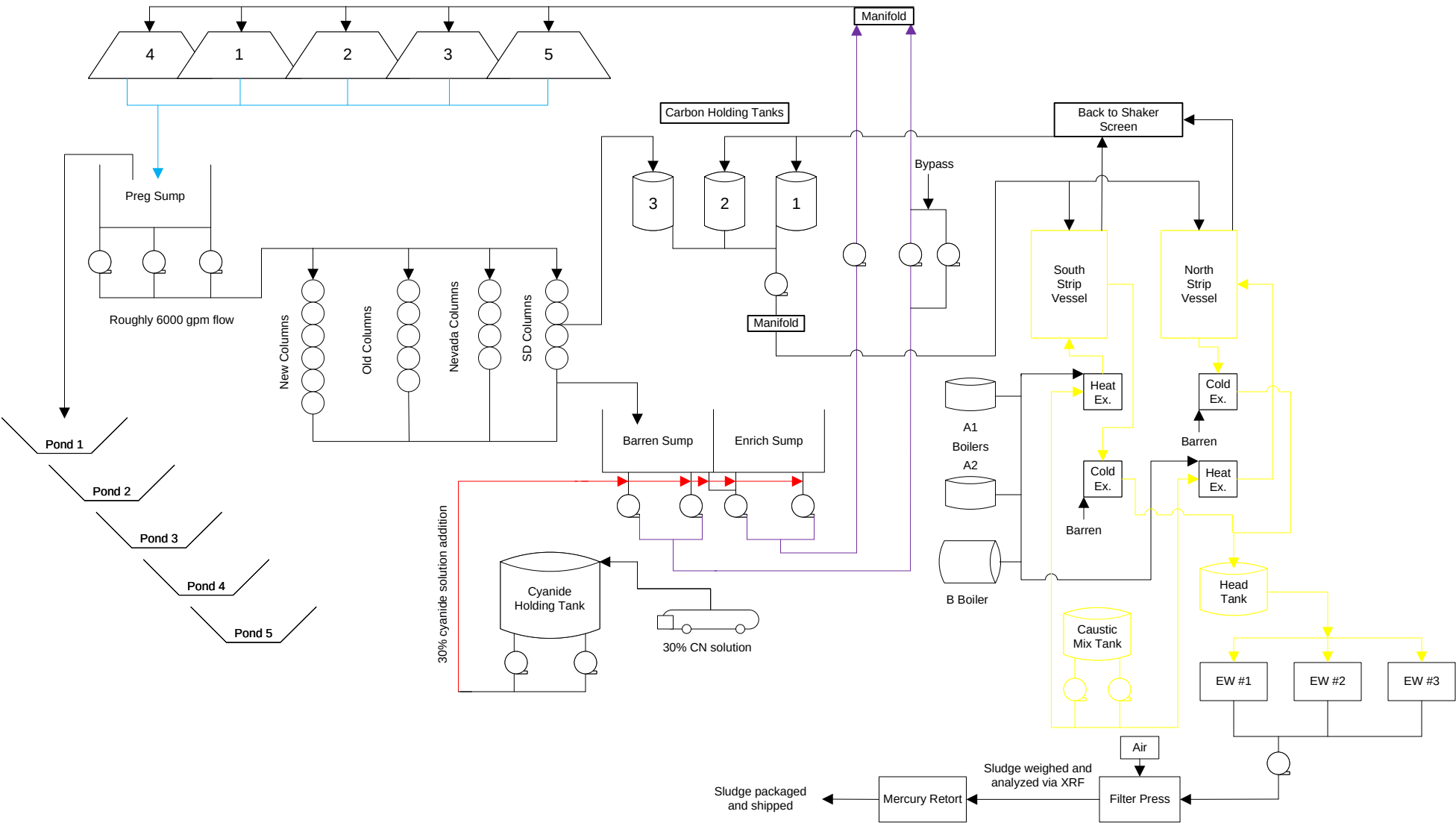
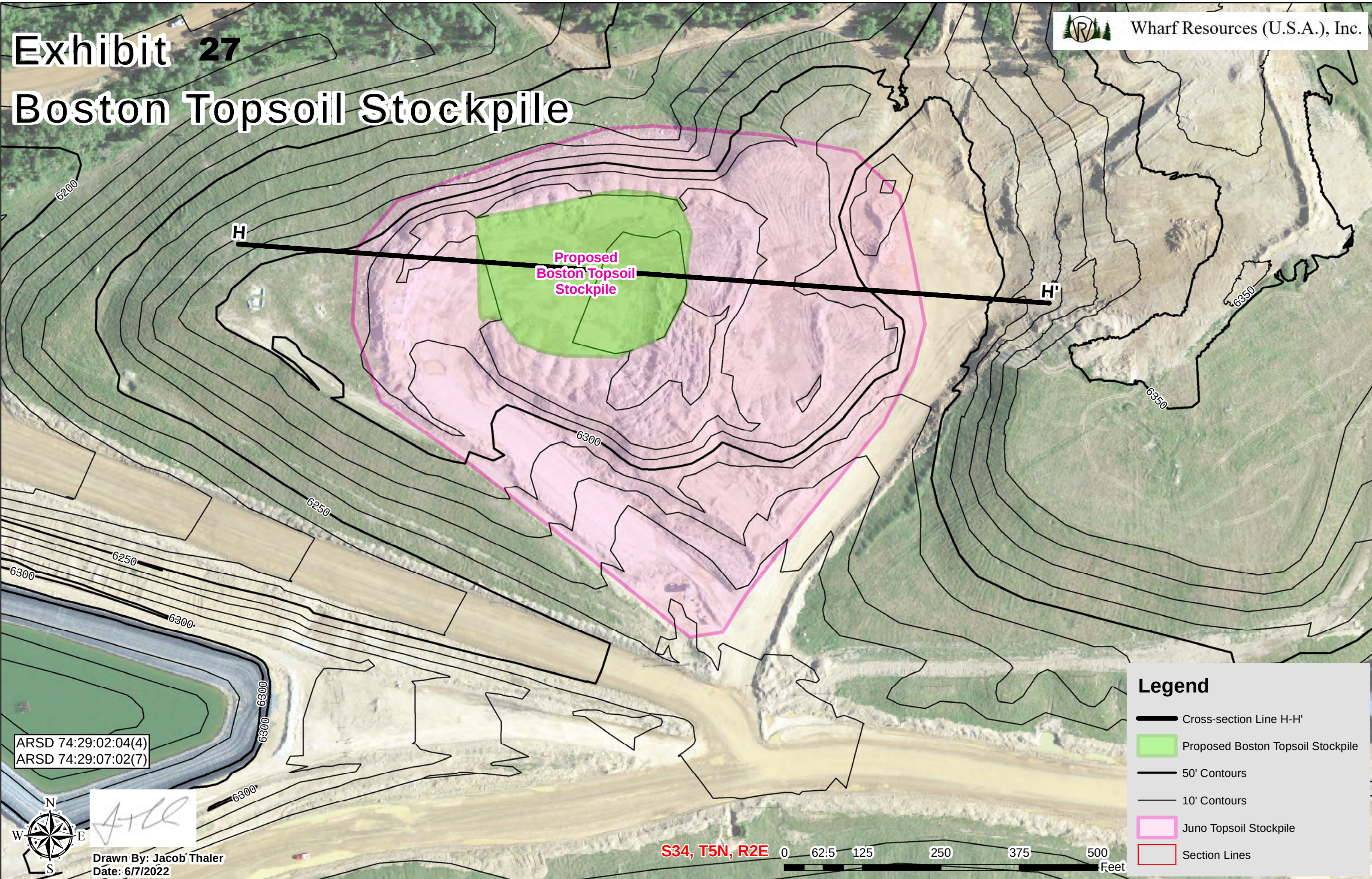


Exhibit 27

Boston Topsoil Stockpile



ARSD 74:29:02:04(4)
ARSD 74:29:07:02(7)



JTL

Drawn By: Jacob Thaler
Date: 6/7/2022

Legend

-  Cross-section Line H-H'
-  Proposed Boston Topsoil Stockpile
-  50' Contours
-  10' Contours
-  Juno Topsoil Stockpile
-  Section Lines

S34, T5N, R2E 0 62.5 125 250 375 500 Feet

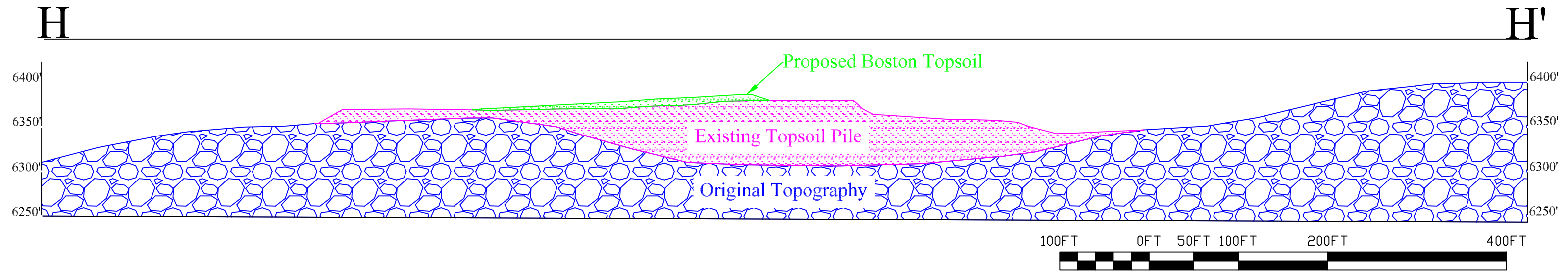
Exhibit 28



Wharf Resources (U.S.A.), Inc.

Cross Section H-H'

Proposed Boston Topsoil Stockpile at Juno



ARSD 74:29:02:04(4)

Drawn by: Jacob Thaler

Date: 06/07/2022

LEGEND

	Existing Topsoil Pile
	Original Topography
	Proposed Boston Topsoil



Exhibit 29

Boston Permit 8' Screening Berm

S2, T4N, R2E

ARSD 74:29:07:02(3)

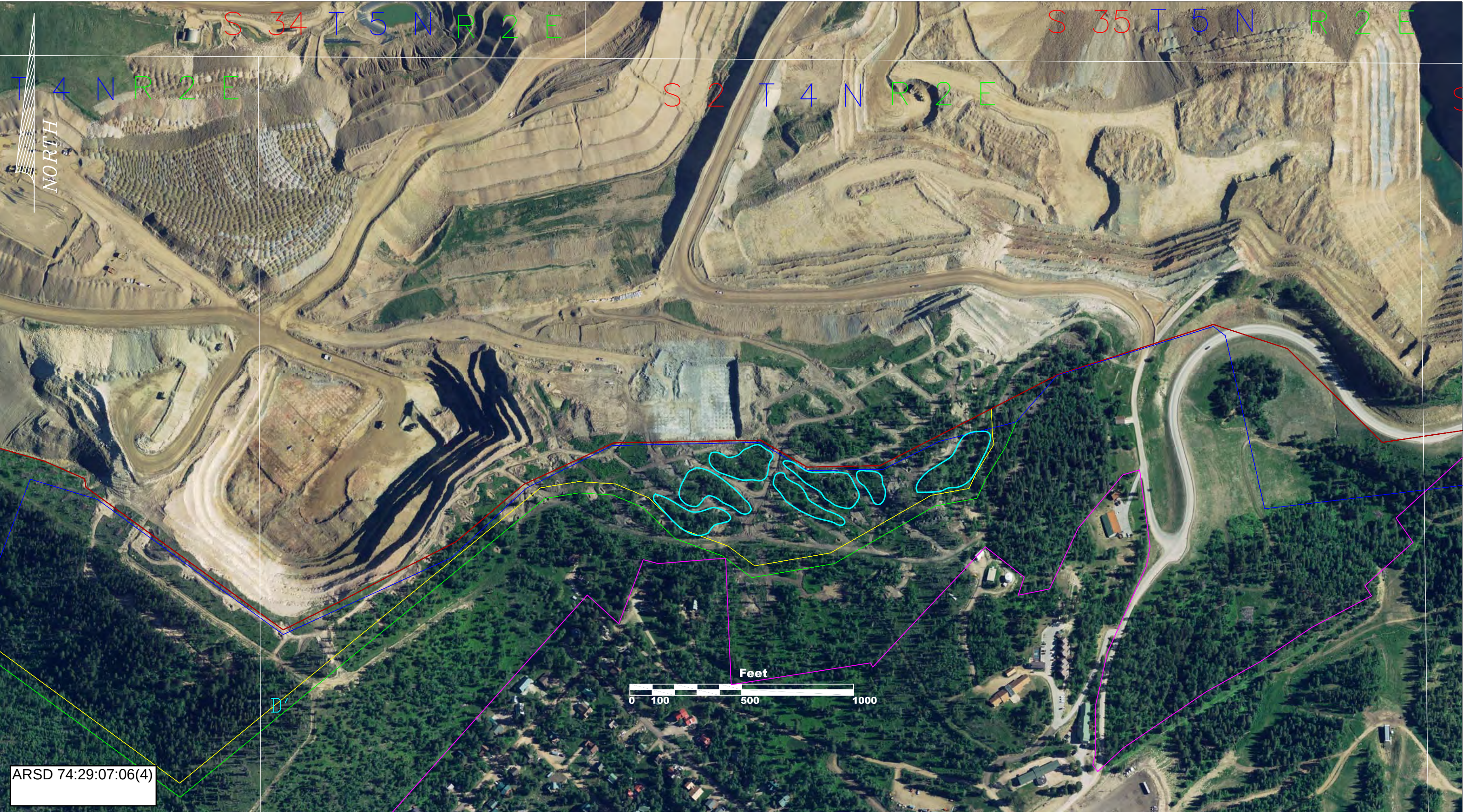


Drawn By: Garth Evers
Date: 6/7/2022

0 270 540 1,080 1,620 2,160 Feet

Legend

- 10' Contour Lines
- 8' Screening Berm
- Current Mine Permit Boundary
- Current Permitted Affected Acreage
- Proposed Boston Mine Permit Boundary
- Proposed Boston Permitted Affected Acreage
- Section Lines





Wharf Resources (U.S.A.), Inc.

10928 Wharf Road, Lead, SD 57754

Drawn by: Kenan Sarratt
Date: October 10, 2022

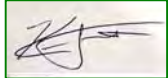


Exhibit 30

Potential Transplant Areas

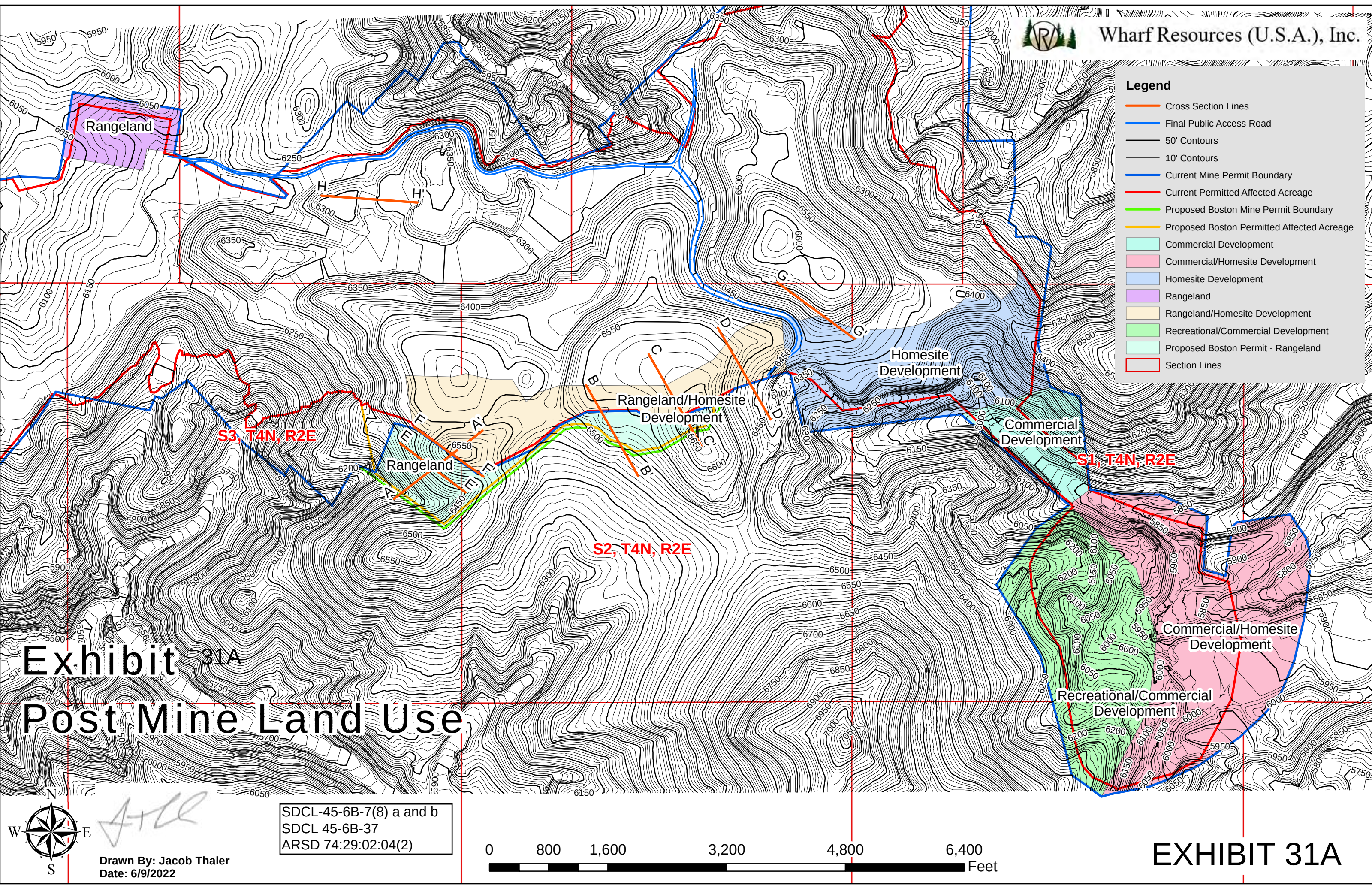
Legend

 Current Mine Permit Boundary	 Property Boundary
 Current Permitted Affected Acreage	 Transplant Area
 Proposed Boston Mine Permit Boundary	
 Proposed Boston Permitted Affected Acreage	



Legend

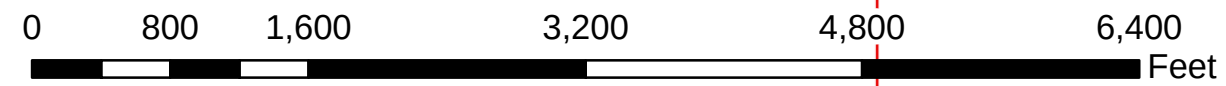
- Cross Section Lines
- Final Public Access Road
- 50' Contours
- 10' Contours
- Current Mine Permit Boundary
- Current Permitted Affected Acreage
- Proposed Boston Mine Permit Boundary
- Proposed Boston Permitted Affected Acreage
- Commercial Development
- Commercial/Homesite Development
- Homesite Development
- Rangeland
- Rangeland/Homesite Development
- Recreational/Commercial Development
- Proposed Boston Permit - Rangeland
- Section Lines



ATC

Drawn By: Jacob Thaler
Date: 6/9/2022

SDCL-45-6B-7(8) a and b
SDCL 45-6B-37
ARSD 74:29:02:04(2)



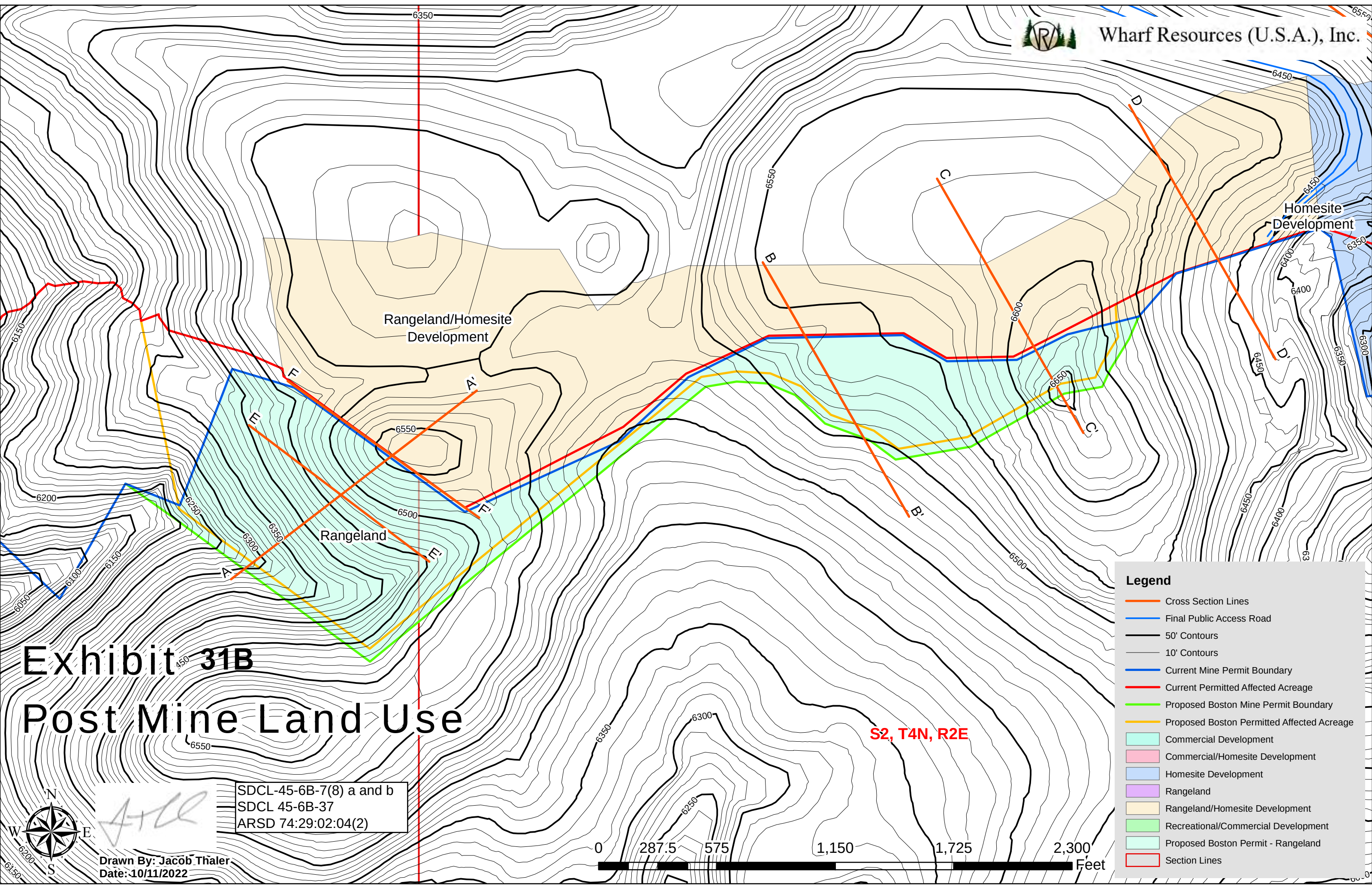
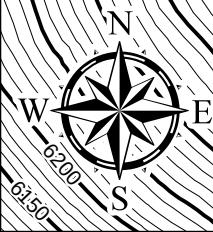
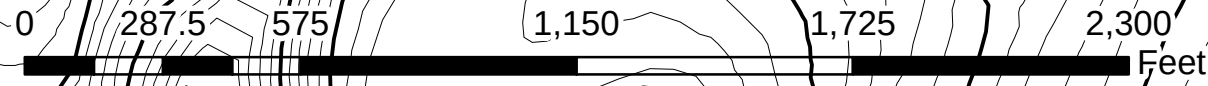


Exhibit 31B Post Mine Land Use



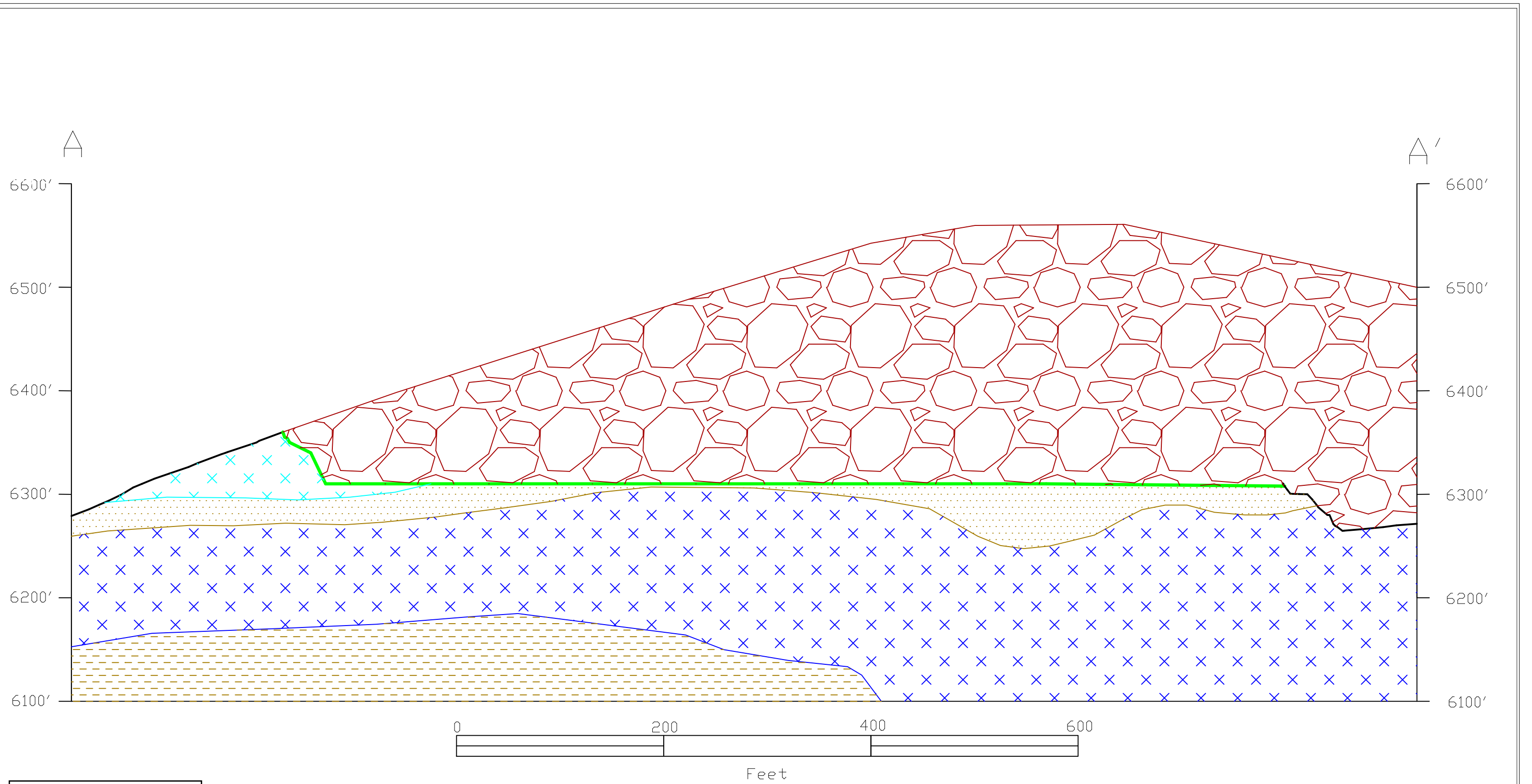
Drawn By: Jacob Thaler
Date: 10/11/2022

SDCL-45-6B-7(8) a and b
SDCL 45-6B-37
ARSD 74:29:02:04(2)



Legend

- Cross Section Lines
- Final Public Access Road
- 50' Contours
- 10' Contours
- Current Mine Permit Boundary
- Current Permitted Affected Acreage
- Proposed Boston Mine Permit Boundary
- Proposed Boston Permitted Affected Acreage
- Commercial Development
- Commercial/Homesite Development
- Homesite Development
- Rangeland
- Rangeland/Homesite Development
- Recreational/Commercial Development
- Proposed Boston Permit - Rangeland
- Section Lines



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SDCL 45-6B-37
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Wharf Resources (U.S.A.), Inc.
10928 Wharf Road, Lead, SD 57754

Drawn by: Kenan Sarratt
Date: October 10, 2022

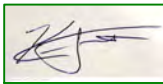
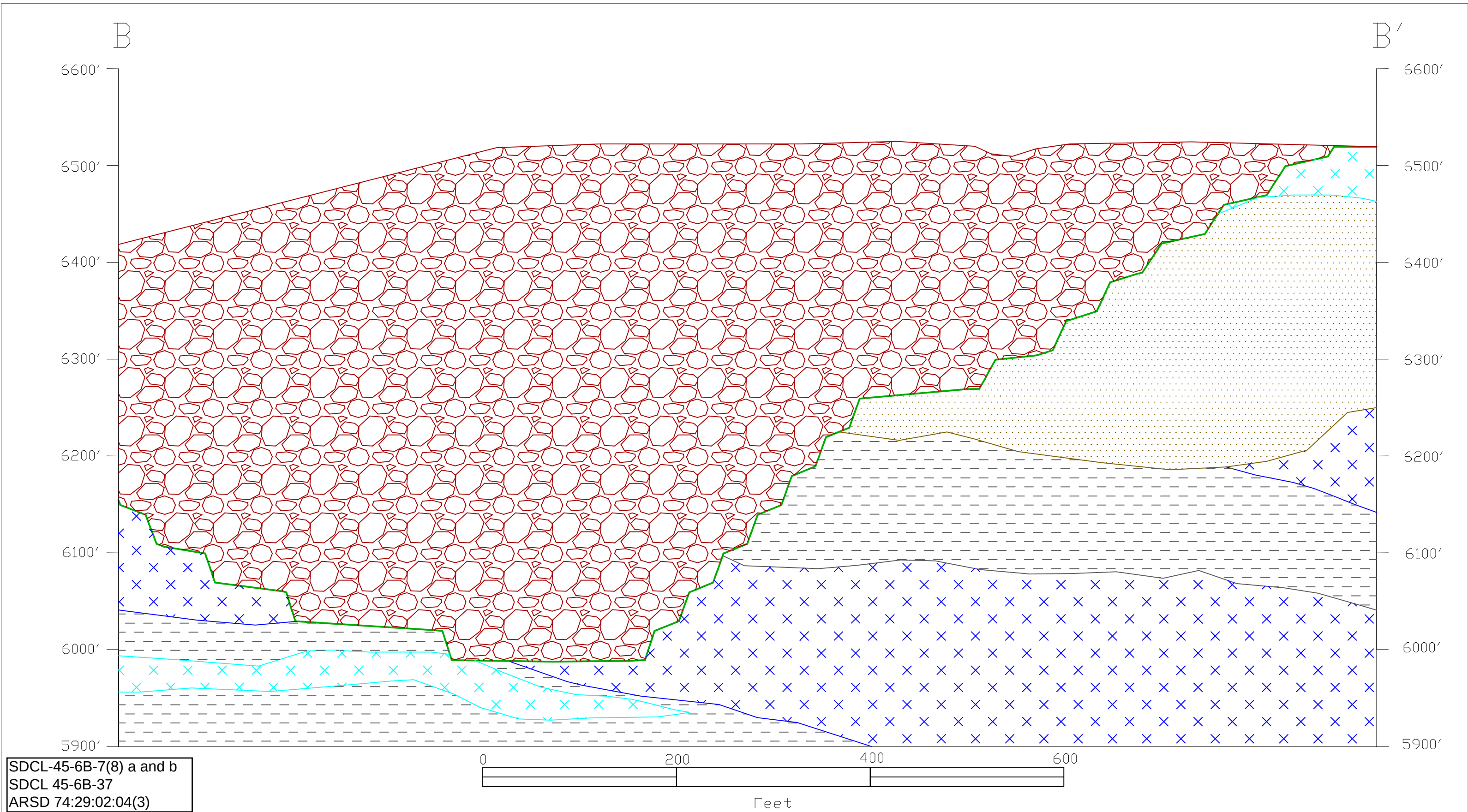


Exhibit 32
Section A

Legend

	Boston Permit Pit		Deadwood
	Current Topo		Trachyte
	Backfill		Phonolite



Wharf Resources (U.S.A.), Inc.

10928 Wharf Road, Lead, SD 57754

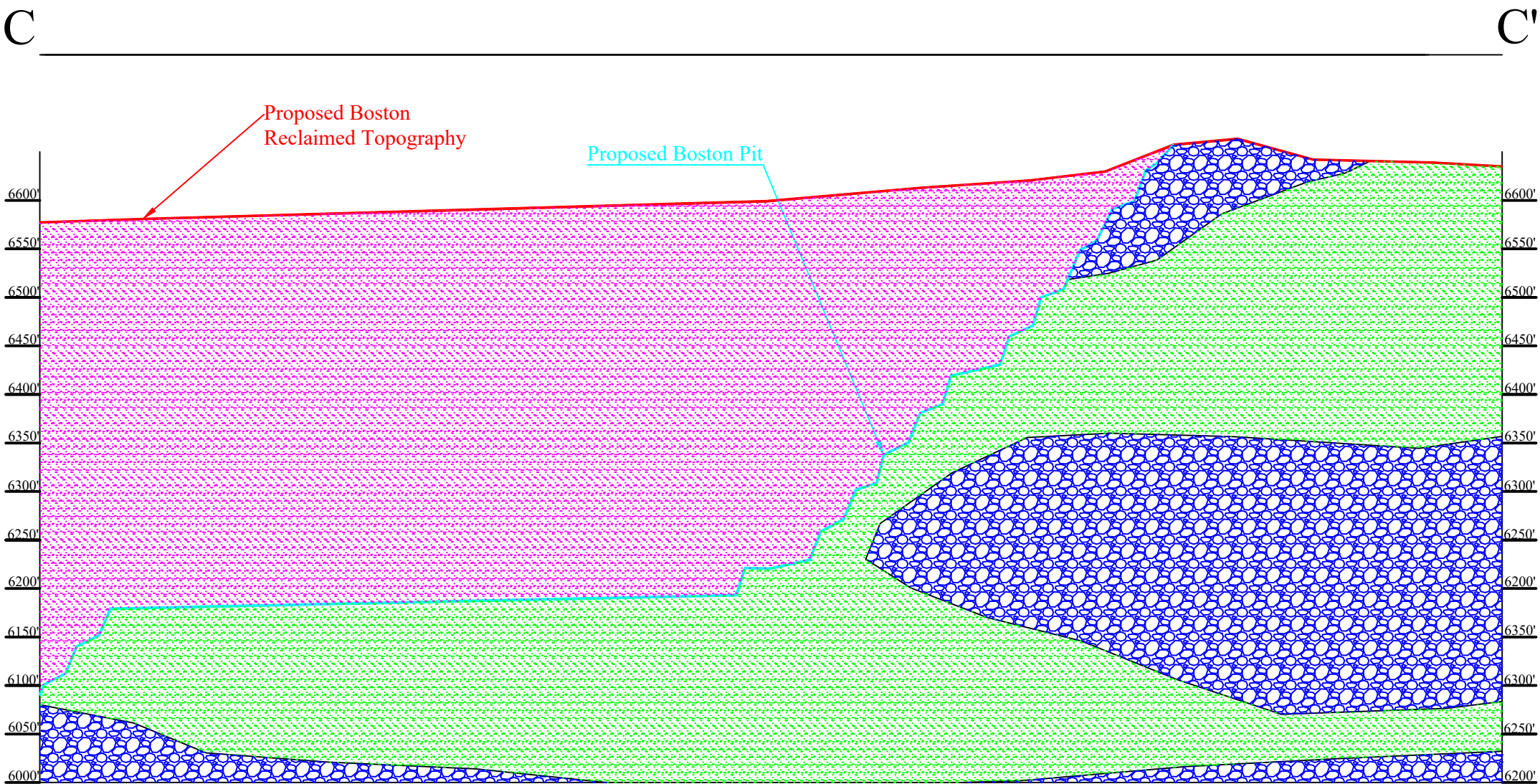
Drawn by: Kenan Sarratt
Date: October 10, 2020

Exhibit 11

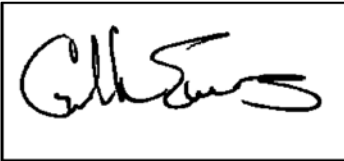
Section B

Exhibit 34

Cross Section C-C'

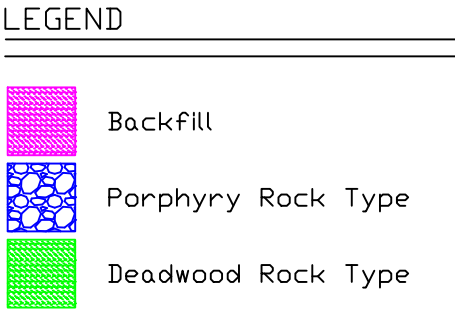


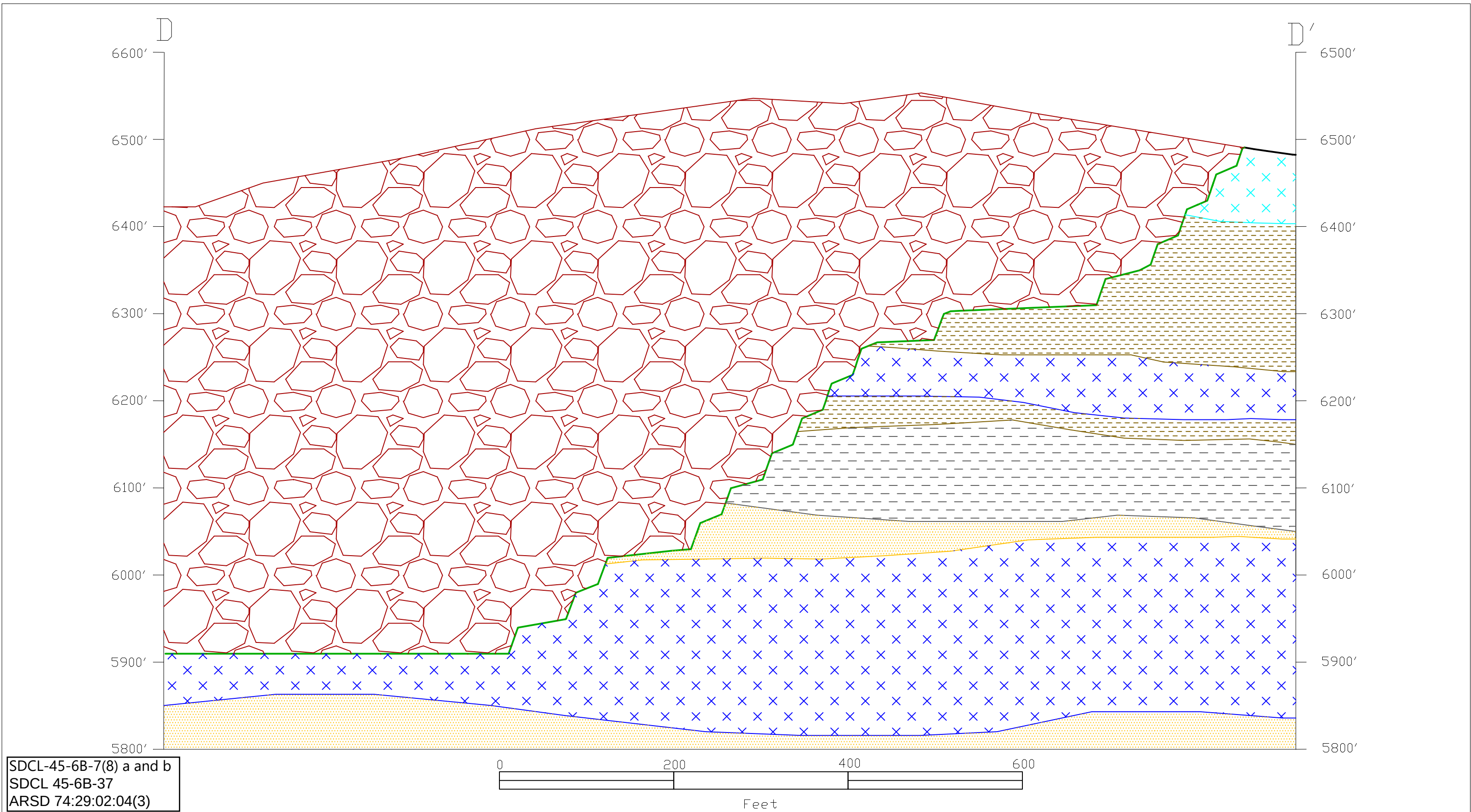
Drawn by: Garth Evers



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Date: 06/07/2022





Wharf Resources (U.S.A.), Inc.

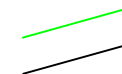
10928 Wharf Road, Lead, SD 57754

Drawn by: Kenan Sarratt
Date: October 10, 2022

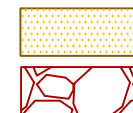
Exhibit 13

Section D

Legend



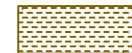
Boston Permit Pit
Current Topo



Lower Deadwood



Backfill



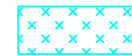
Deadwood



Shale

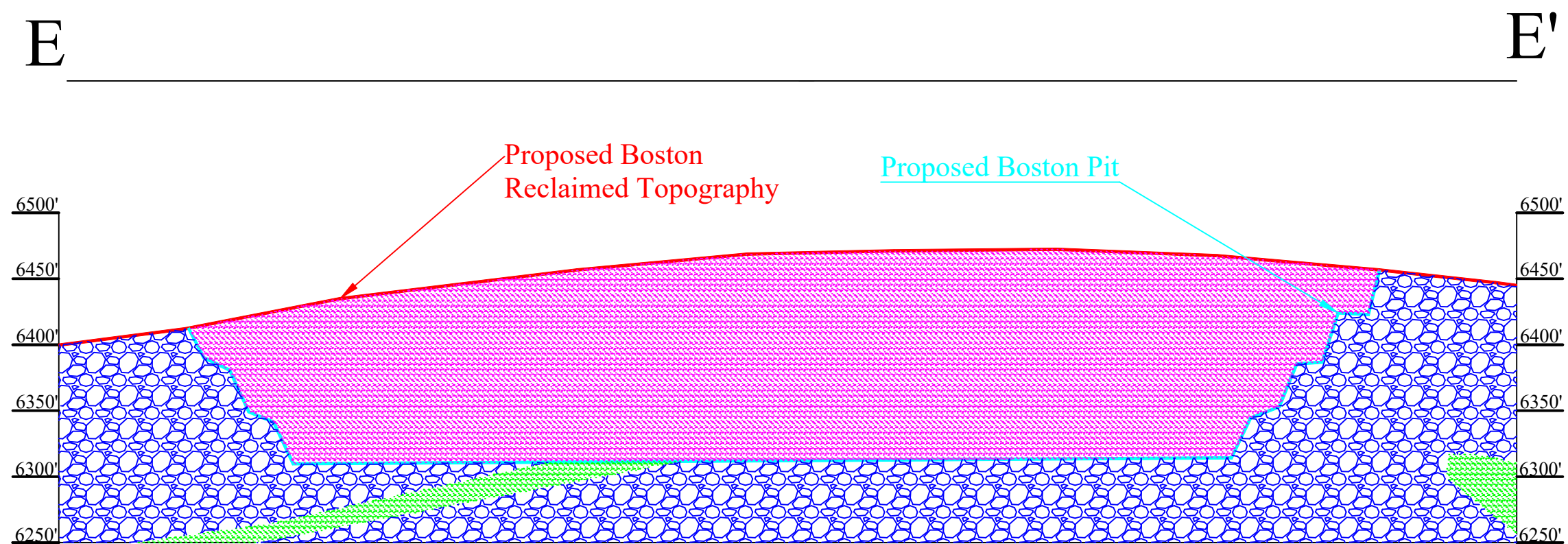


Trachyte

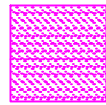
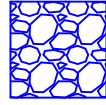
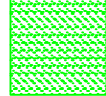


Phonolite

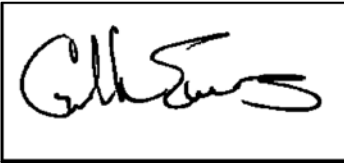
Exhibit 36
Cross Section E-E'



LEGEND

	Backfill
	Porphyry Rock Type
	Deadwood Rock Type

Drawn by: Garth Evers

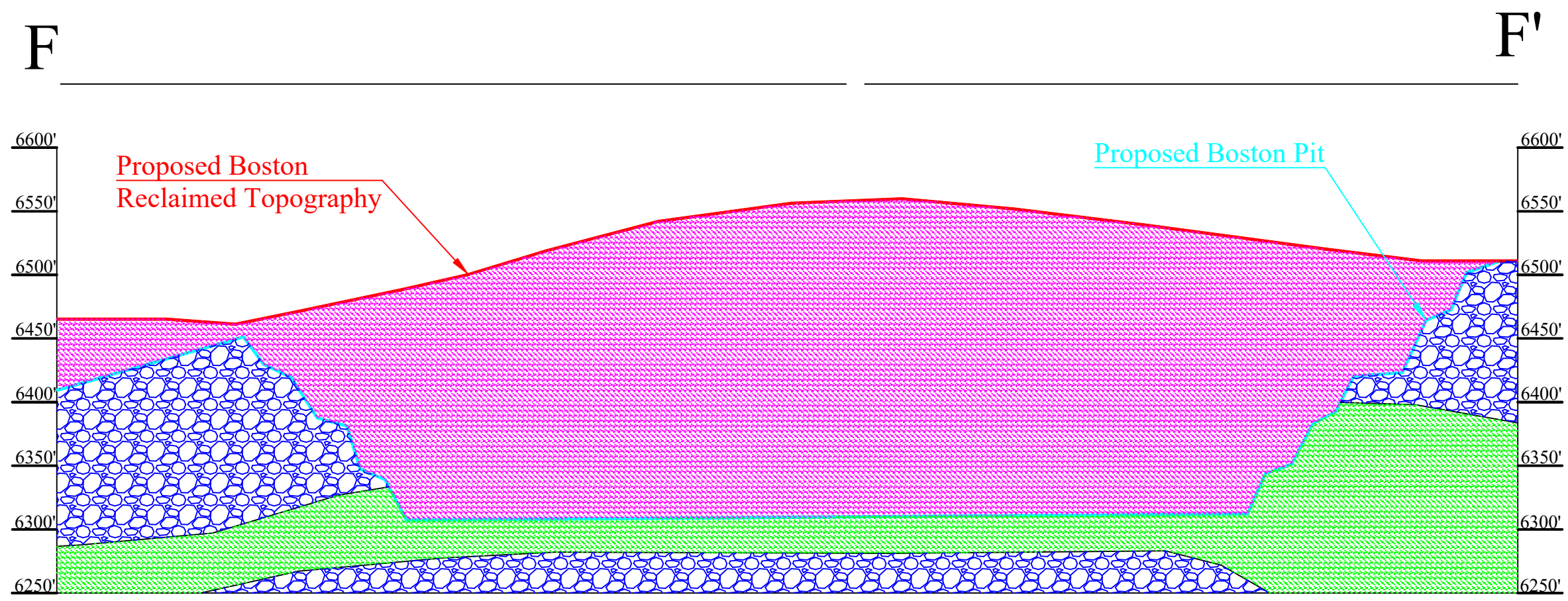


Date: 06/07/2022

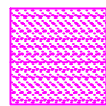
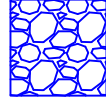
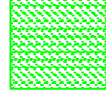


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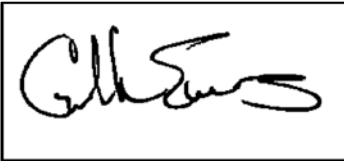
Exhibit 37
Cross Section F-F'



LEGEND

	Backfill
	Porphyry Rock Type
	Deadwood Rock Type

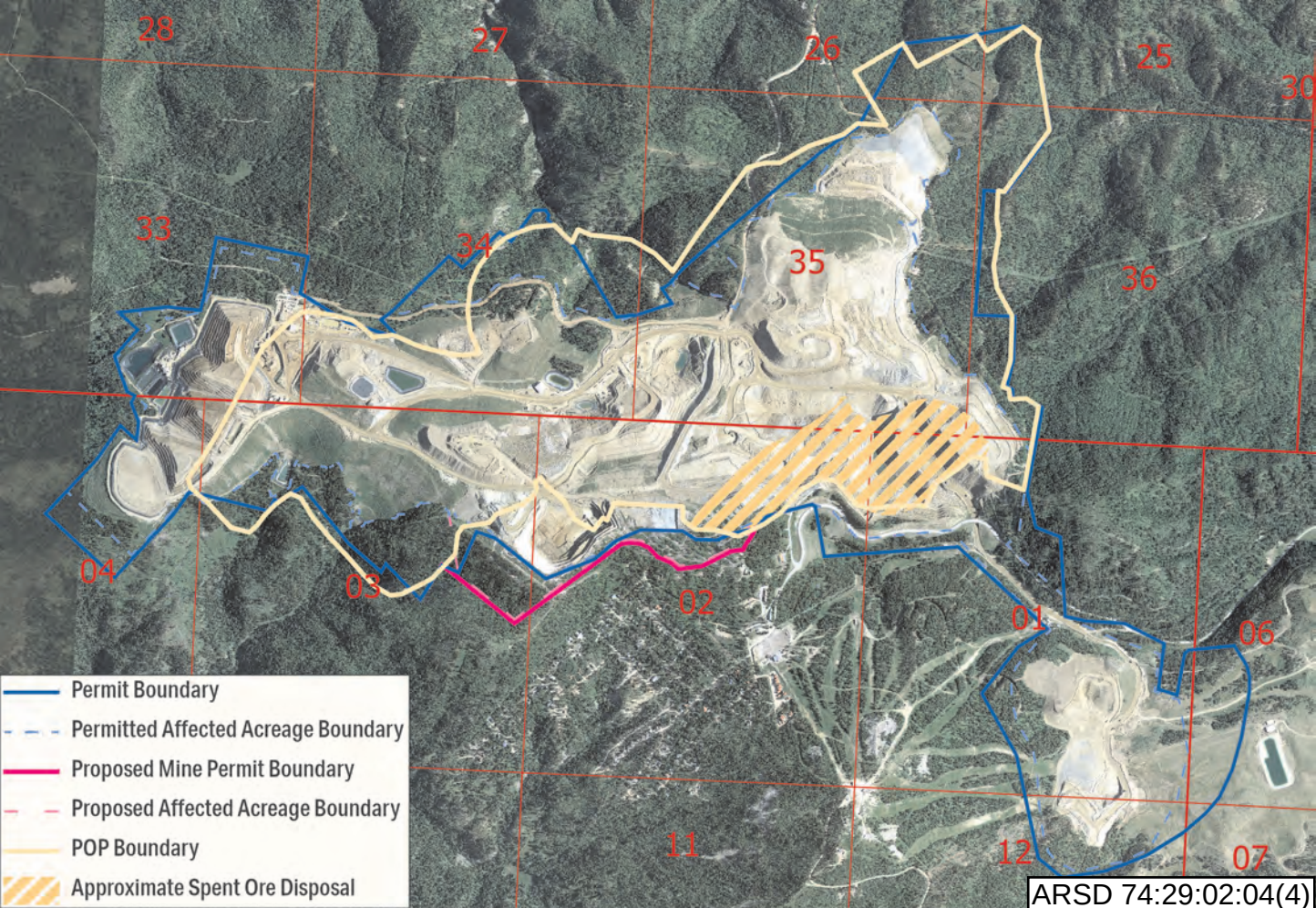
Drawn by: Garth Evers



Date: 06/07/2022



SDCL-45-6B-7(8) a and b
SDCL 45-6B-37
ARSD 74:29:02:04(3)



ARSD 74:29:02:04(4)

