

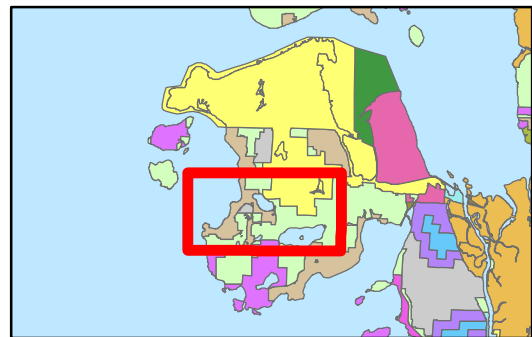
▲ Public Places
 ▭ Current Permitted Parcels
 ▭ Expansion Parcels
 ▭ Parcels

Skagit County Zoning

■ Incorporated Area
 ■ [OSRSI] Public Open Space of Regional/Statewide Importance
 ■ [RB] Rural Business
 ■ [RI] Rural Intermediate
 ■ [RRc-NRL] Rural Resource - NRL
 ■ [RRv] Rural Reserve
 ■ [SSB] Small-Scale Business

Revised Permit Boundary (53.5 acres)

Source: Skagit County Zoning.



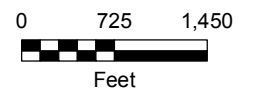
SE Quarter of NW Quarter of Section 11, Township 34, Range 1 East Willamette Meridian.

- Current Mine Operation Permits:
- (1) P19108 - 3.29 acres - Lake Erie Pit - DNR Permit# 70-012635
 - (2) P19162 - 4.49 acres - Lake Erie Pit - DNR Permit# 70-012635
 - (3) P19165 - 10.0 acres - Lake Erie Pit - DNR Permit# 70-012635

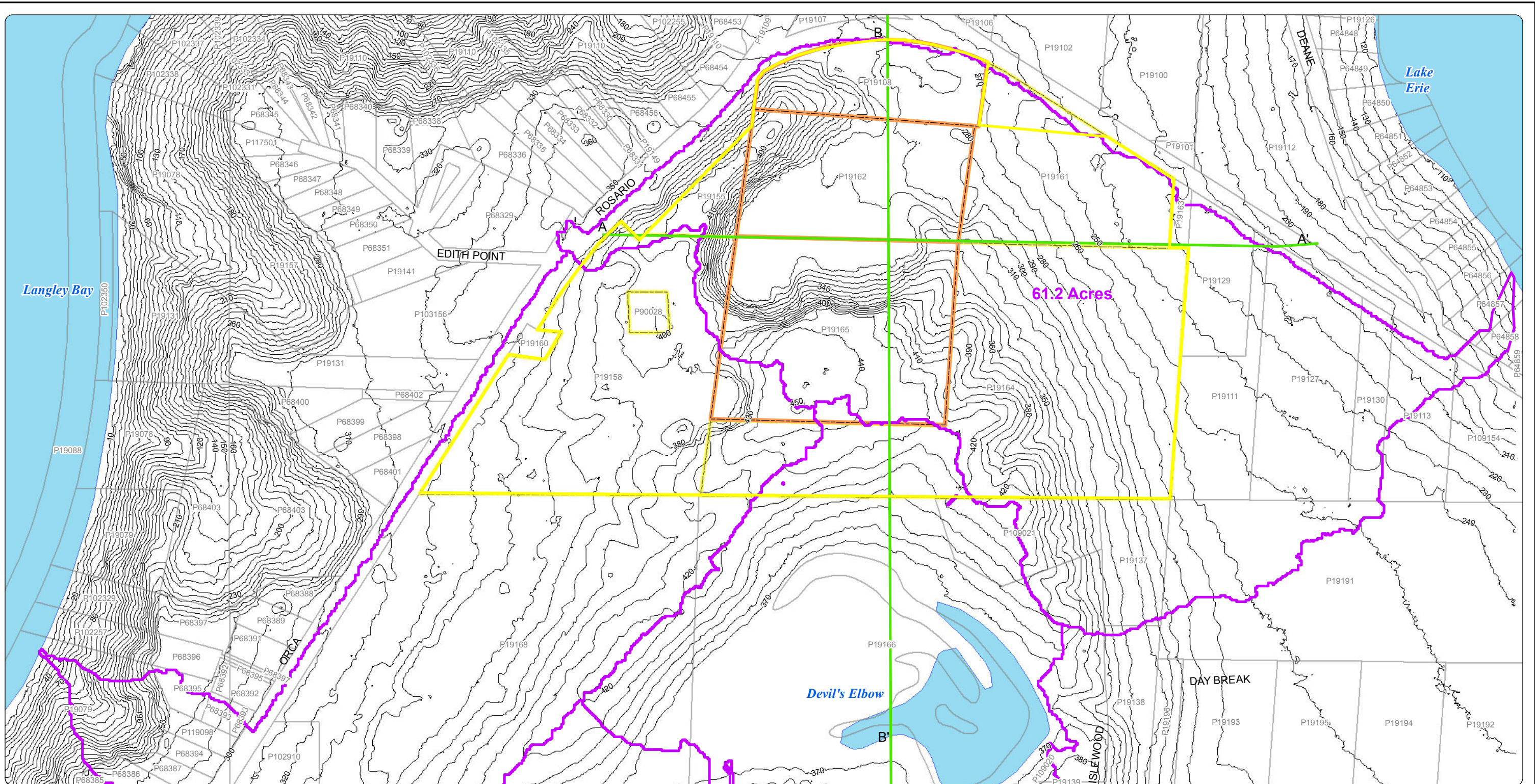
- Over-Mining & Additional Expansion
- (4) P19155 - 5.25 acres - Expansion area of existing mining permit
 - (5) P19158 - 8.97 acres- Expansion area of existing mining permit
 - (6) P90028- .37 acres- Expansion area of existing mining permit

- Additional Expansion
- (7) P19161- 4.27 acres - Additional expansion of existing mining permit (Note Eric Wooding part owner with Pit 1, LLC)
 - (8) P19164- 16.86 acres - Additional expansion of existing mining permit

Figure 1
Skagit County Zoning
 Lake Erie Pit Mine
 Anacortes, Washington



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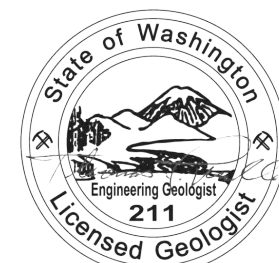
Source: LIDAR derived contours from USGS 2006.
Storm Event provided from NOAA Atlas 2
Precipitation Frequency Estimates.

Notes:
1. MSL = Mean Seal Level.

Event	Precipitation (inches)	Precipitation Intensity (in/hr)
2-year 6-hour	0.76	0.13
2-year 24-hour	1.35	0.06
100-year 6-hour	1.73	0.29
100-year 24-hour	3.03	0.13

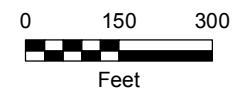
Legend

- 10-foot Topographic Contour (MSL)
- Cross Section Transect
- Site Drainage Divide
- ▭ Current Permitted Parcels
- ▭ Revised Permit Boundary
- ▭ Parcels



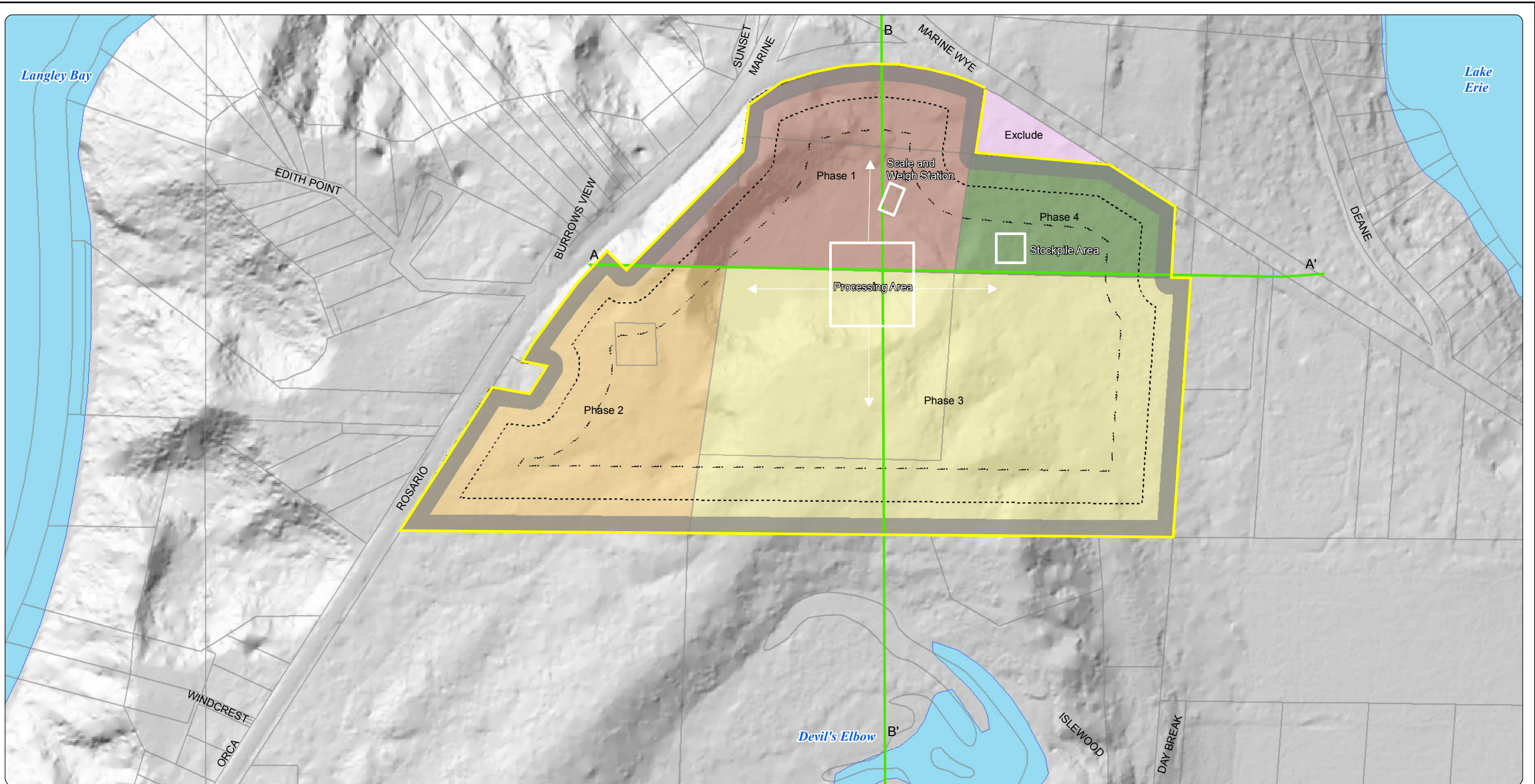
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Figure 2
Existing Conditions
Lake Erie Pit Mine
Anacortes, Washington



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





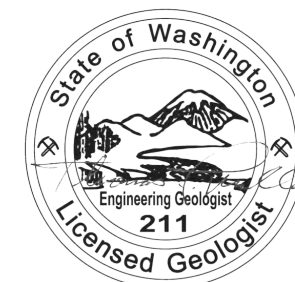
Source: Aerial photograph obtained from Esri ArcGIS Online


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Legend

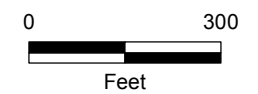
- | | |
|---|---|
|  Cross Section Transect | Sequence |
|  Parcels |  Exclude |
|  50 Foot Setback |  Phase 1 |
|  100 Foot Setback |  Phase 2 |
|  200 Foot Setback |  Phase 3 |
|  Revised Permit Boundary |  Phase 4 |

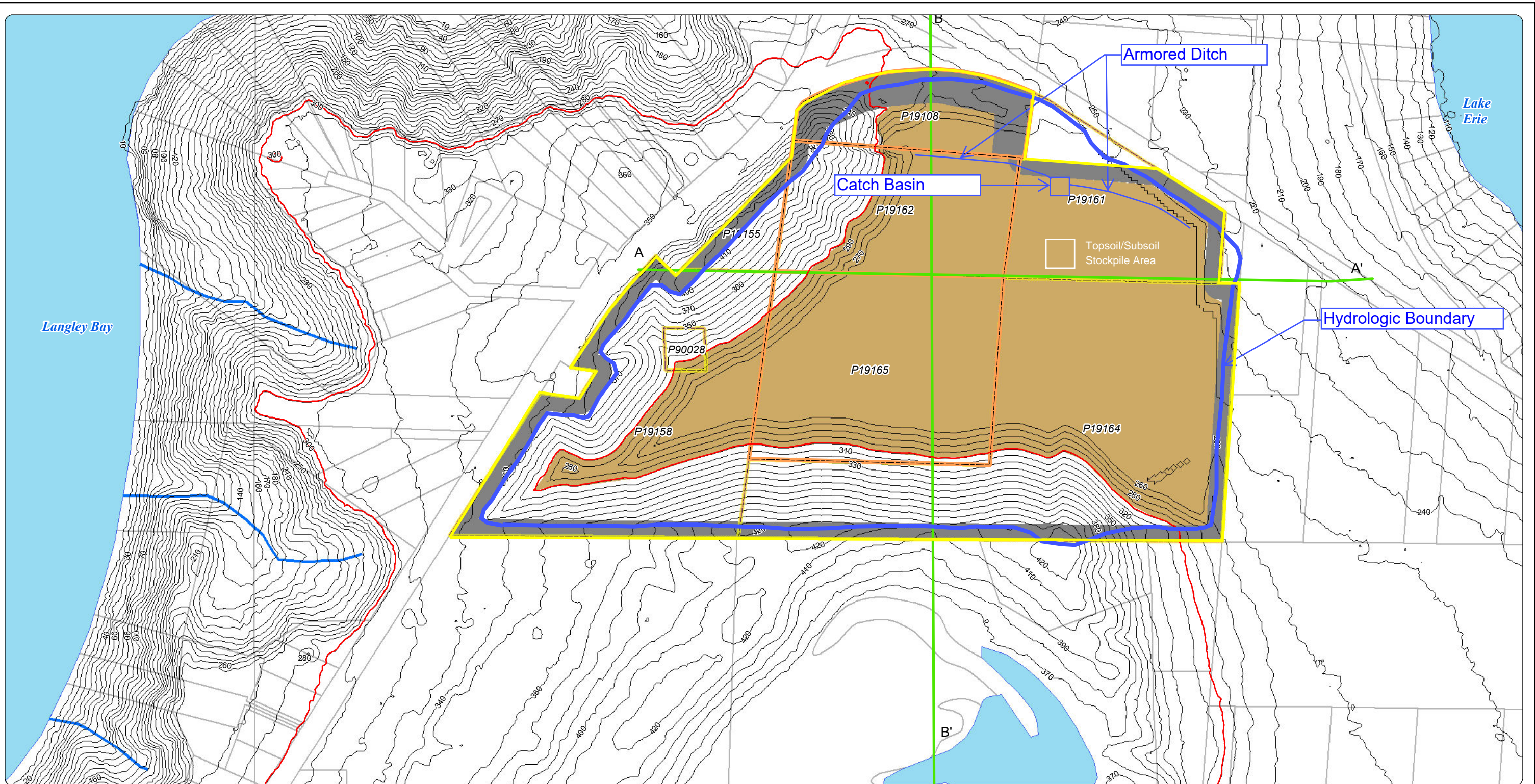


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Figure 3 Mining Sequence Map

Lake Erie Pit Mine
Anacortes, Washington





Source: LiDAR derived contours modified to show final reclamation surface from USGS 2006.

Notes:
1. MSL= Mean Seal Level.

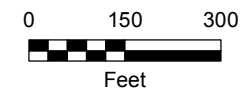


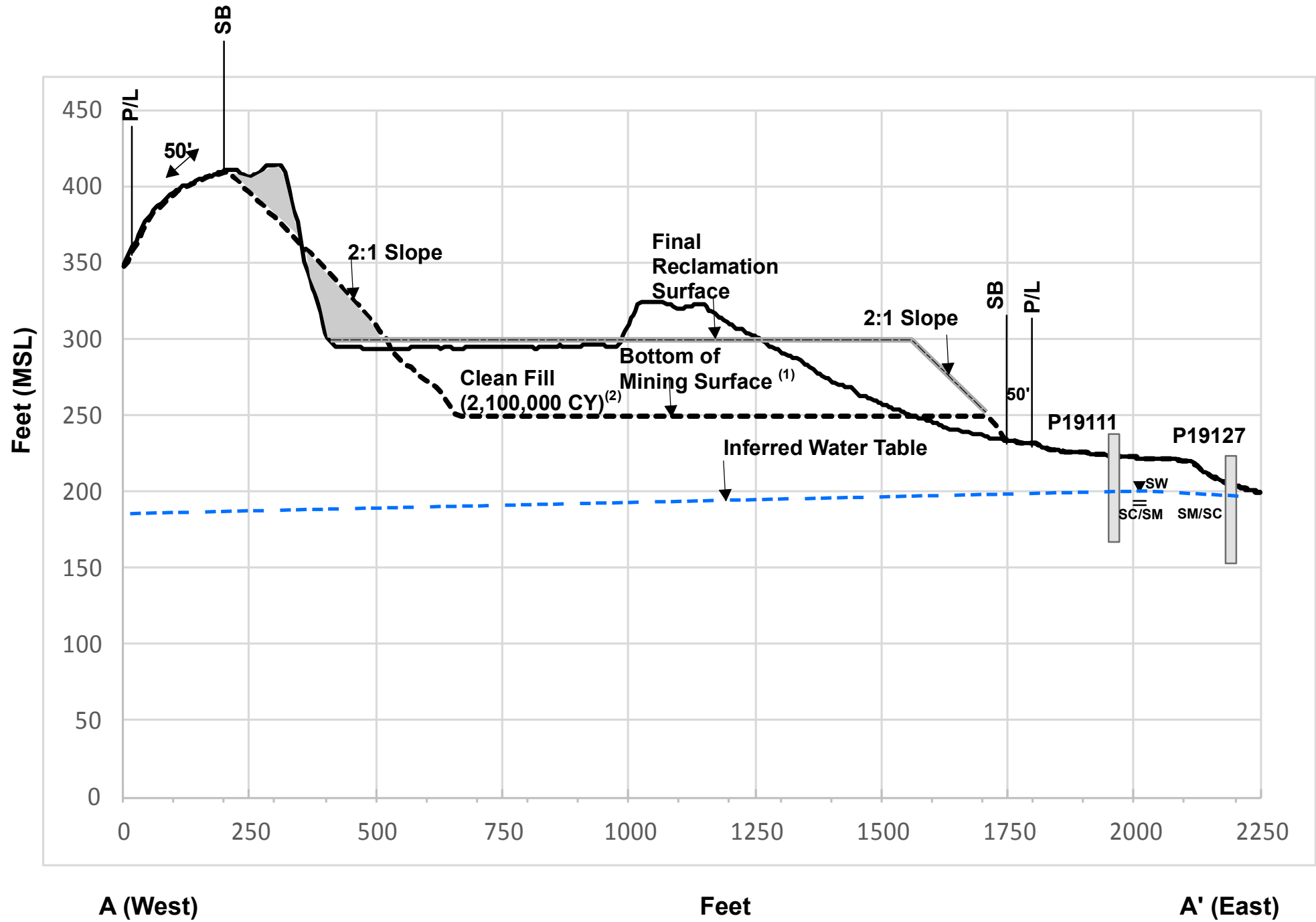
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Legend

- Cross Section Transect
- 300-foot Topographic Contour (MSL)
- 10-foot Topographic Contour (MSL)
- Clean Fill to 300 feet MSL
- Setback
- Current Permitted Parcels
- Revised Permit Boundary
- Parcels

Figure 4
Final Reclamation Map
Lake Erie Pit Mine
Anacortes, Washington





- Note:**
- 1.⁽¹⁾ Mine to 10 Feet Above Water Table
 - 2.⁽²⁾ Mine floor rased to 300 feet with 85% compaction
 - 3.MSL= Mean Seal Level.
 - 4.CY= cubic yards

- Geologic Materials:**
- 1. CL = Clay
 - 2. GC= Clayey Gravel
 - 3. SC = Clayey Sand
 - 4. SM = Silty Sand
 - 5. SW = Well Graded Sand

———— Existing Grade Boundary

■ Area to be Regraded at Final Reclamation

SB = Setback Line
 P/L = Property Line (Revised Permit Boundary)



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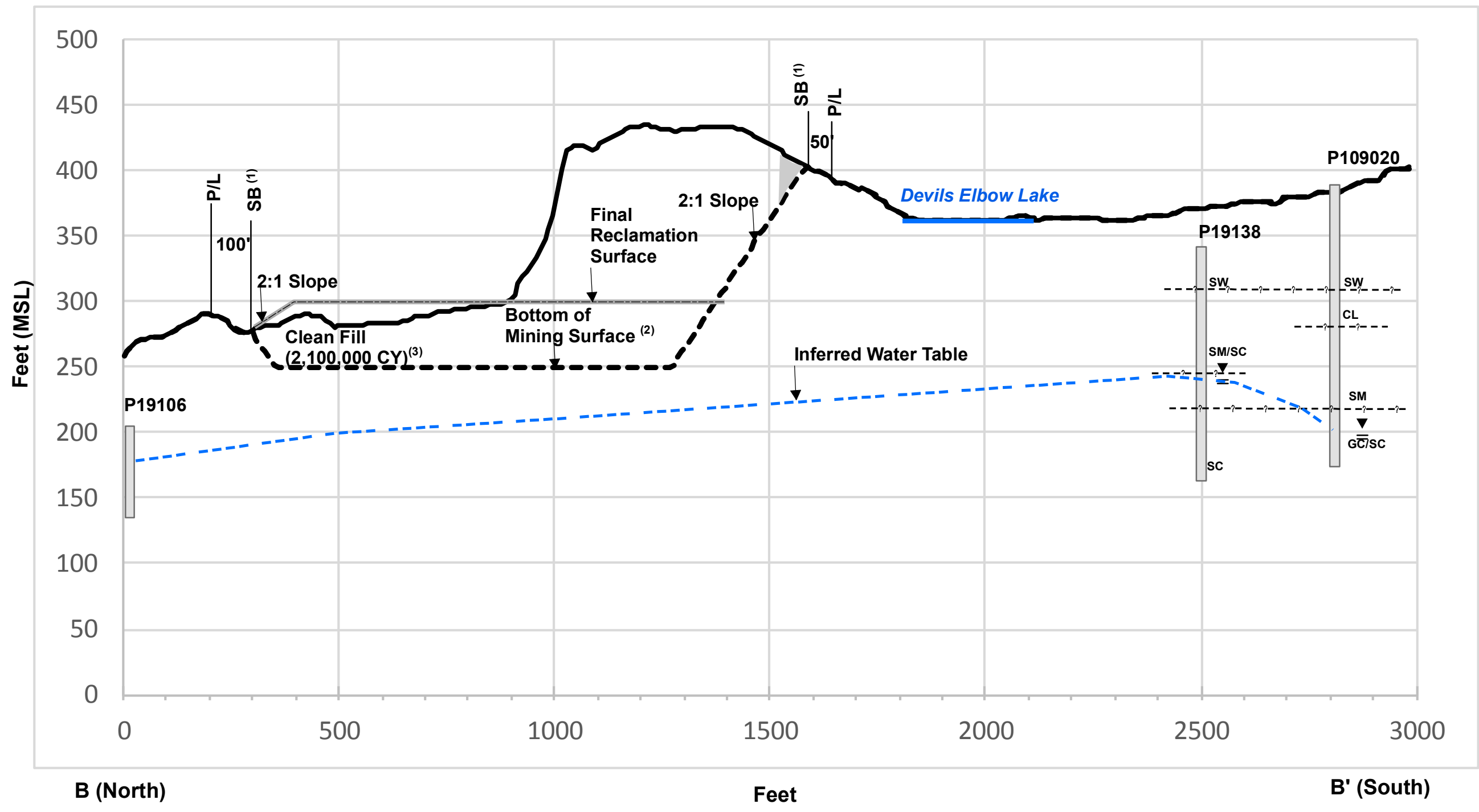


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Figure 5
A-A' Cross Section

Lake Erie Pit Mine
 Anacortes, Washington

Path: X:\1266.02_McLucas_and_Associates\Project\Mapset_Draft\Cross_Section_B.mxd
 Print Date: 9/28/2016
 Produced By: estrandhagen Approved By:
 Project:



- Note:**
- ⁽¹⁾ 100-ft setback to final reclamation surface is only applicable to Parcel 19108. All other parcels will maintain a 50-ft setback to final reclamation surface.
 - ⁽²⁾ Mine to 10 Feet Above Water Table
 - ⁽³⁾ Mine floor rased to 300 feet with 85% compaction
 - MSL= Mean Seal Level.
 - CY= cubic yards

- Geologic Materials:**
- CL = Clay
 - GC= Clayey Gravel
 - SC = Clayey Sand
 - SM = Silty Sand
 - SW = Well Graded Sand

— Existing Grade Boundary
 ■ Area to be Regraded at Final Reclamation
 SB = Setback Line
 P/L = Property Line (Revised Permit Boundary)

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Figure 6
B-B' Cross Section
 Lake Erie Pit Mine
 Anacortes, Washington