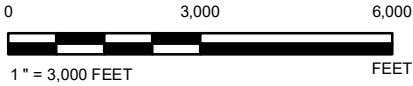
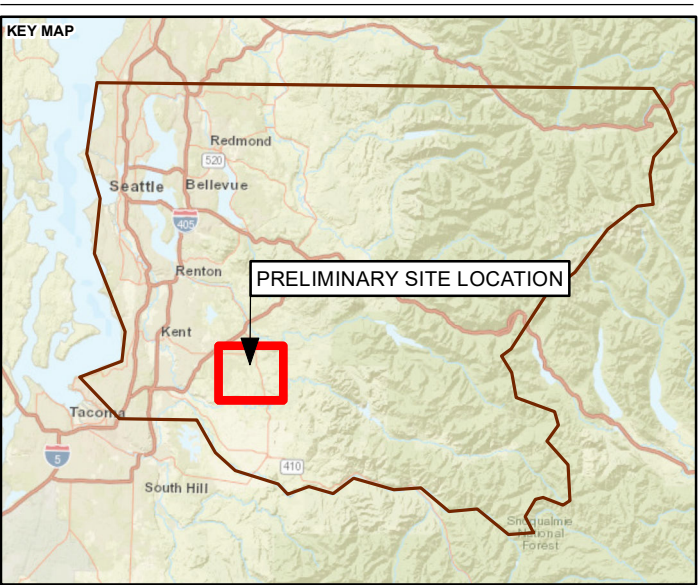
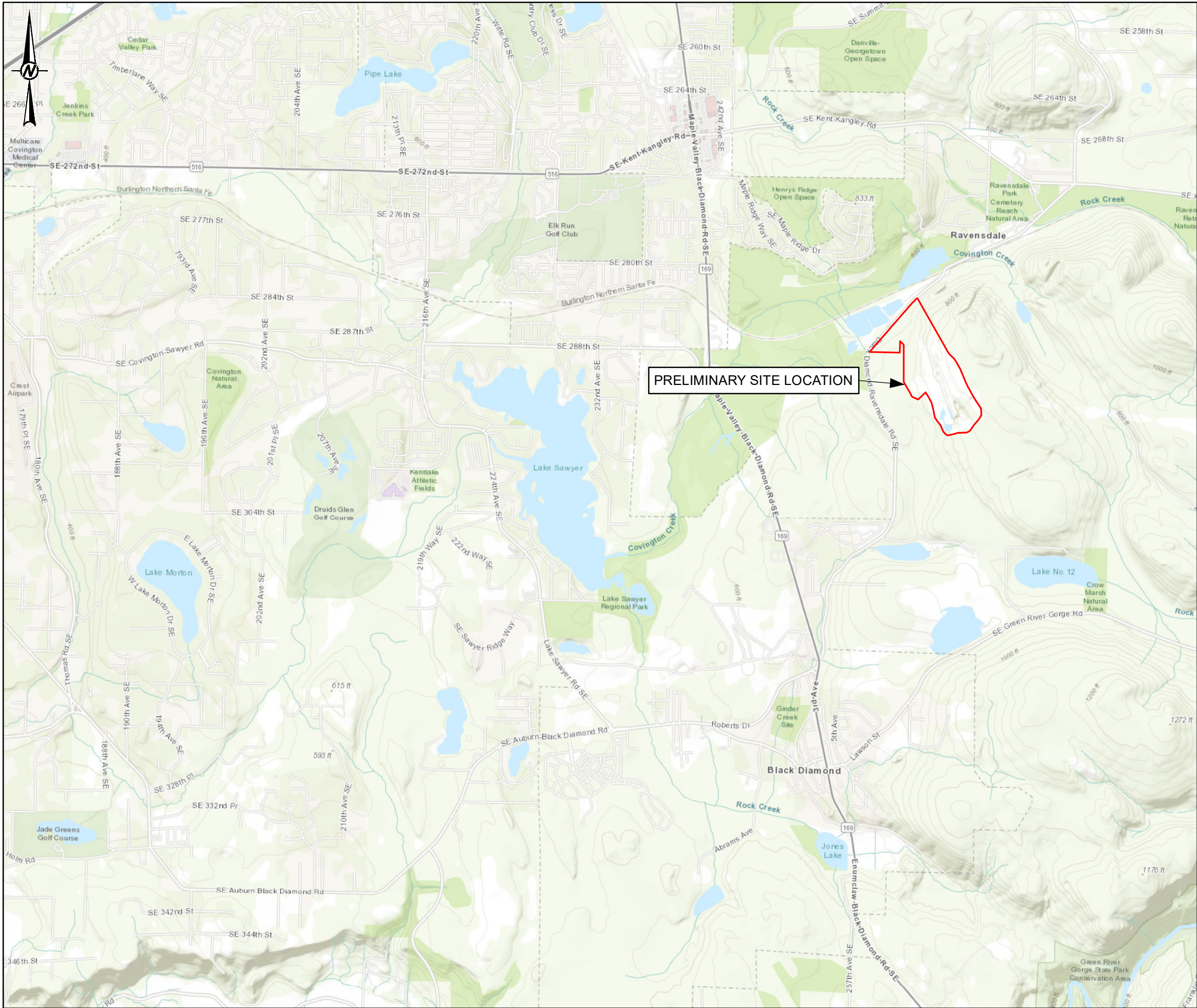


Figures

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NOTE(S)
1. "PRELIMINARY SITE" REFERS TO THE REMEDIAL INVESTIGATION STUDY AREA THAT INCLUDES PARCELS 0121069011 (LOT 5), 3622069138 (LOT 6) AND 3522069046 (BAJA PROPERTY)

REFERENCE(S)
1. ASPECT CONSULTING (PROPERTY BOUNDARY)
2. ESRI (WASHINGTON STATE COUNTY BOUNDARY)
3. COORDINATE SYSTEM: NAD 1983 STATEPLANE WASHINGTON NORTH FIPS 4601 FEET
4. MAP SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, USGS, INTERMAP, INCREMENT P, NRCAN, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), ESRI KOREA, ESRI (THAILAND), NGCC, (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY

CLIENT
HOLCIM

PROJECT
REMEDIAL INVESTIGATION REPORT – RESERVE SILICA RECLAMATION SITE

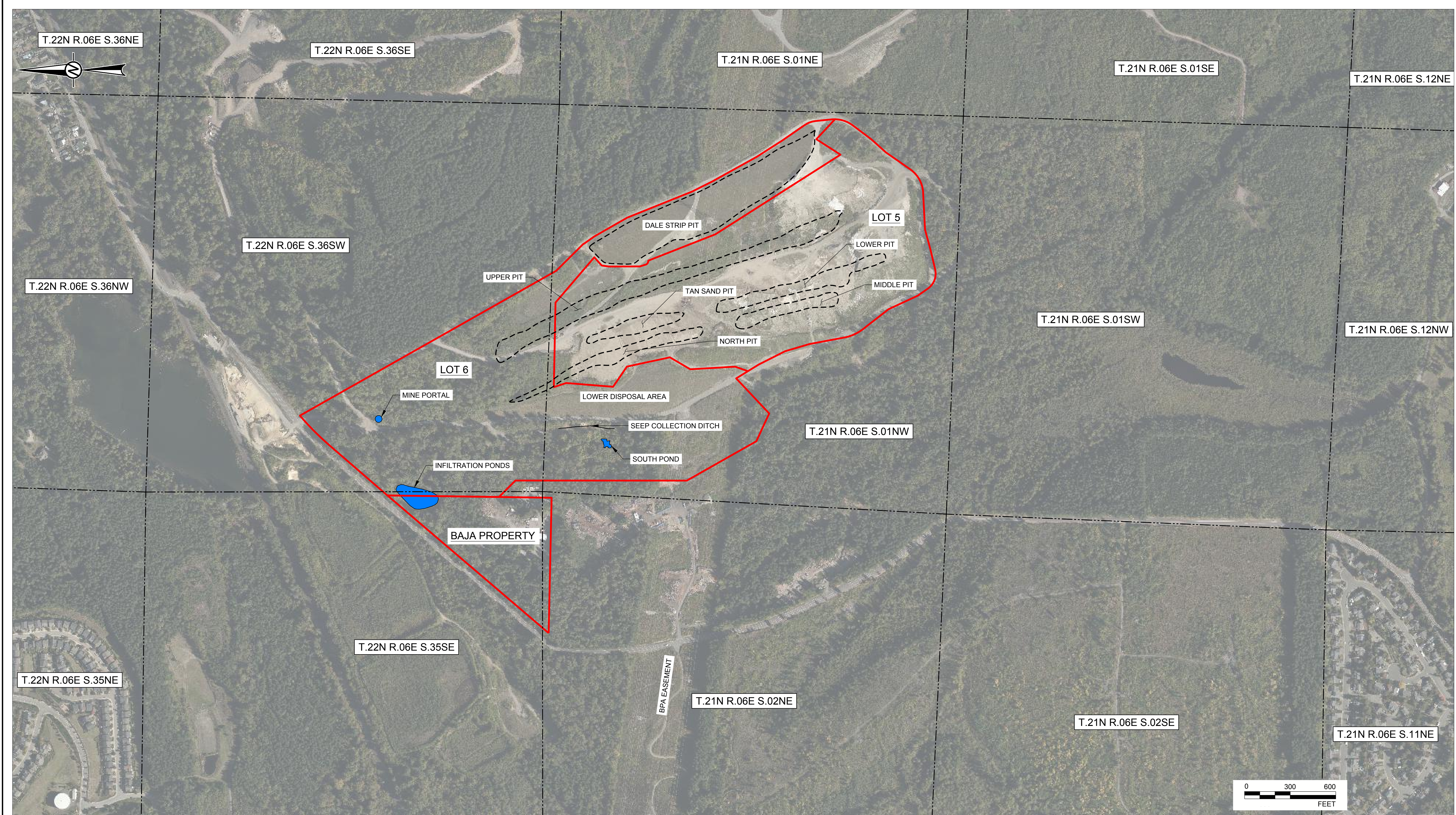
TITLE
PRELIMINARY SITE LOCATION MAP

	CONSULTANT	YYYY-MM-DD	2025-01-15
	DESIGNED	JX	
	PREPARED	CK, KAS	
	REVIEWED	GL	
	APPROVED	GZ	

PROJECT NO.	PHASE	REV.	FIGURE
GL152030402	04	A	1-1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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LEGEND	
—	PRELIMINARY SITE BOUNDARY
- - - - -	HISTORICAL COAL AND/OR SAND MINE PIT EXTENTS (APPROXIMATE)
- . - . - . -	TOWNSHIP, RANGE, SECTION, AND QUARTER BOUNDARIES

NOTE(S)
1. PRELIMINARY SITE BOUNDARY IN THE AGREED ORDER INCLUDES PARCELS 0121069011 (LOT 5) AND 3622069138 (LOT 6) AND 3522069046 (BAJA PROPERTY).

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CONSULTANT



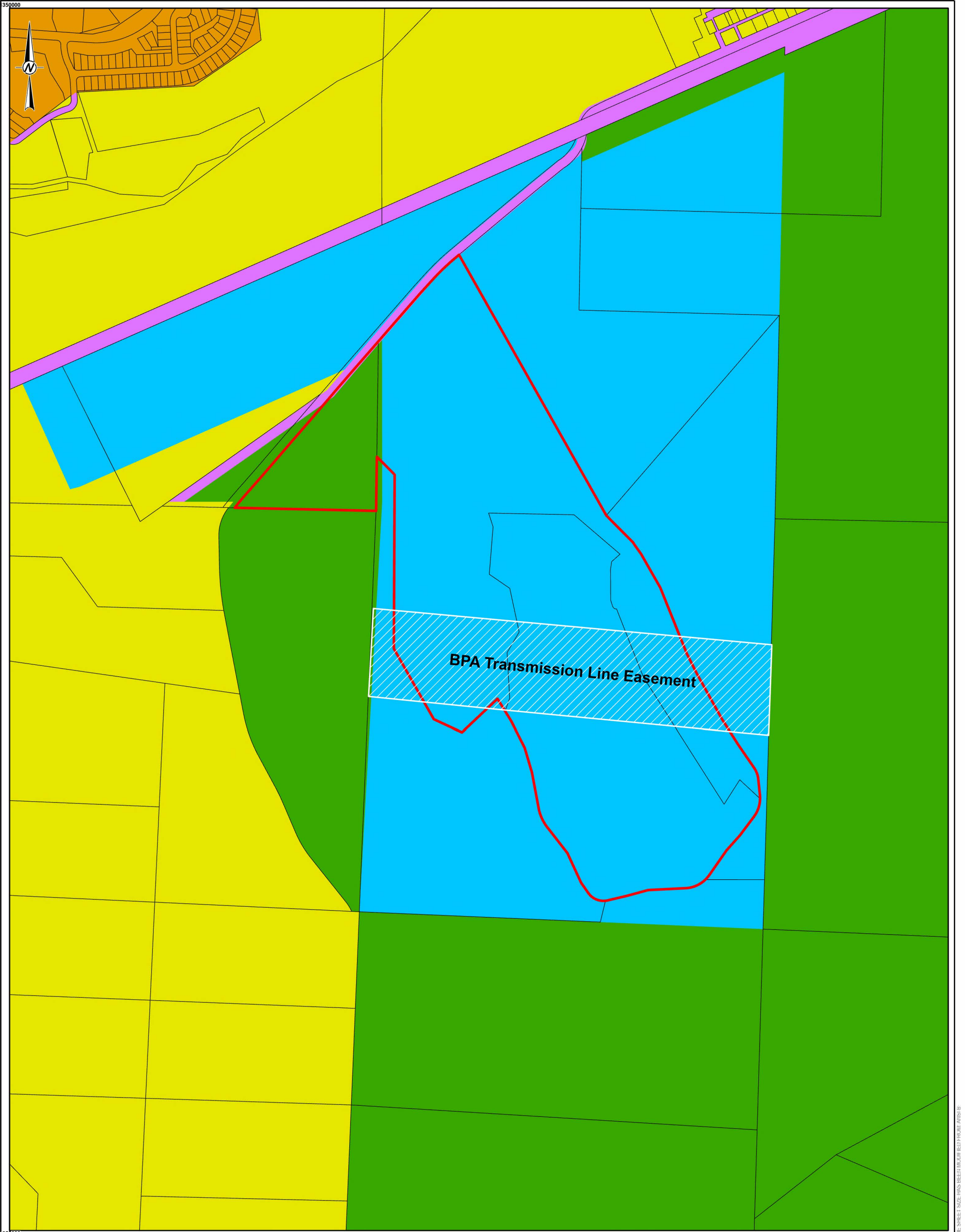
YYYY-MM-DD	2025-03-10
DESIGNED	GL
PREPARED	TR
REVIEWED	GL
APPROVED	GZ

PROJECT
REMEDIAL INVESTIGATION REPORT
RESERVE SILICA RECLAMATION SITE

TITLE
PRELIMINARY SITE BOUNDARY AND PROPERTY PARCELS

PROJECT NO.	TASK	REV.	FIGURE
GL152030402.001 04		A	2-1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI D



LEGEND

- King County Parcel Boundary
- Preliminary Site
- Forest
- Mineral Resource-Related
- Rural Area
- Single-Family Residential
- Undesignated



NOTE(S)

- "PRELIMINARY SITE" REFERS TO THE REMEDIAL INVESTIGATION STUDY AREA THAT INCLUDES PARCELS 0121069011 (LOT 5), 3622069138 (LOT 6) AND 3522069046 (BAJA PROPERTY).

REFERENCE(S)

- ASPECT CONSULTING (BPA TRANSMISSION LINE EASEMENT, SITE)
- KING COUNTY GIS OPEN DATA (PARCEL, ZONING)
- COORDINATE SYSTEM: NAD 1983 HARN STATEPLANE WASHINGTON NORTH FIPS 4601 FEET

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PROJECT
REMEDIAL INVESTIGATION REPORT – RESERVE SILICA RECLAMATION SITE

TITLE
AREA ZONING MAP

CONSULTANT



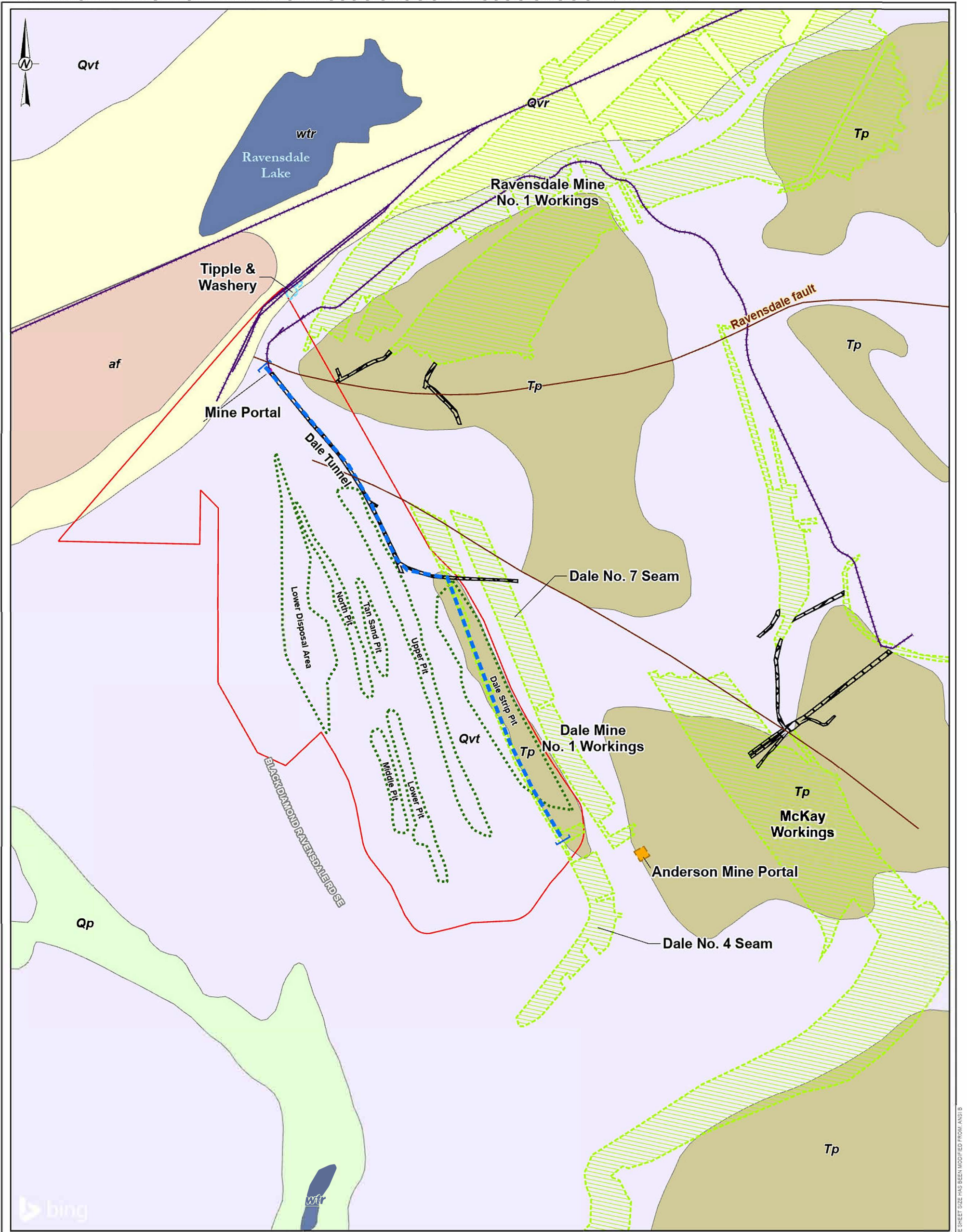
PROJECT NO.
GL152030402

PHASE
04

REV.
A

FIGURE
2-2

YYYYMM-DD	2025-01-15
DESIGNED	TL
PREPARED	CK, KS
REVIEWED	GL
APPROVED	GZ



LEGEND

- Fault
- Preliminary Site
- Conceptual Cross Section (See Figure 2-5)
- Historical Coal and/or Sand Mine Pit Extent
- Anderson Mine Portal
- Historical Mine Features
 - Area of Chutes and Pillars
 - Underground Mine Portal
 - Surface Structure
 - Underground Tunnel

- Surface Tram/Rail
- Water
 - Water (wtr)
- Quaternary Rocks and Deposits
 - Holocene artificial fill and modified land (af)
 - Quaternary bog, marsh, swamp, or lake deposits (Qp)
- Tertiary Rocks
 - Vashon Recessional Outwash (Qvr)
 - Vashon Lodgement Till (Qvt)
 - Tertiary sedimentary rocks and deposits (Tp)

NOTE(S)
1. "PRELIMINARY SITE" REFERS TO THE REMEDIAL INVESTIGATION STUDY AREA THAT INCLUDES PARCELS 0121059011 (LOT 5), 3622069138 (LOT 6) AND 3522069046 (BAJA PROPERTY).
2. HISTORICAL COAL MINING FEATURES DIGITIZED FROM DALE COAL COMPANY, MAP OF THE DALE MINE NO. 1, DATED JANUARY 28, 1925.
REFERENCE(S)
1. ASPECT CONSULTING (CONCEPTUAL CROSS SECTION, HISTORICAL MINING FEATURES, PIT, SITE, SURFACE TRAM/RAIL)
2. COORDINATE SYSTEM: NAD 1983 HARN STATEPLANE WASHINGTON NORTH FIPS 4601 FEET
3. MAP SERVICE LAYER CREDITS:

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PROJECT
REMEDIAL INVESTIGATION REPORT – RESERVE SILICA RECLAMATION SITE

TITLE
HISTORICAL COAL MINING FEATURES

CONSULTANT



YYYY-MM-DD	2025-03-10
DESIGNED	TL
PREPARED	CK, KAS
REVIEWED	GL
APPROVED	GZ

PROJECT NO.
1520304

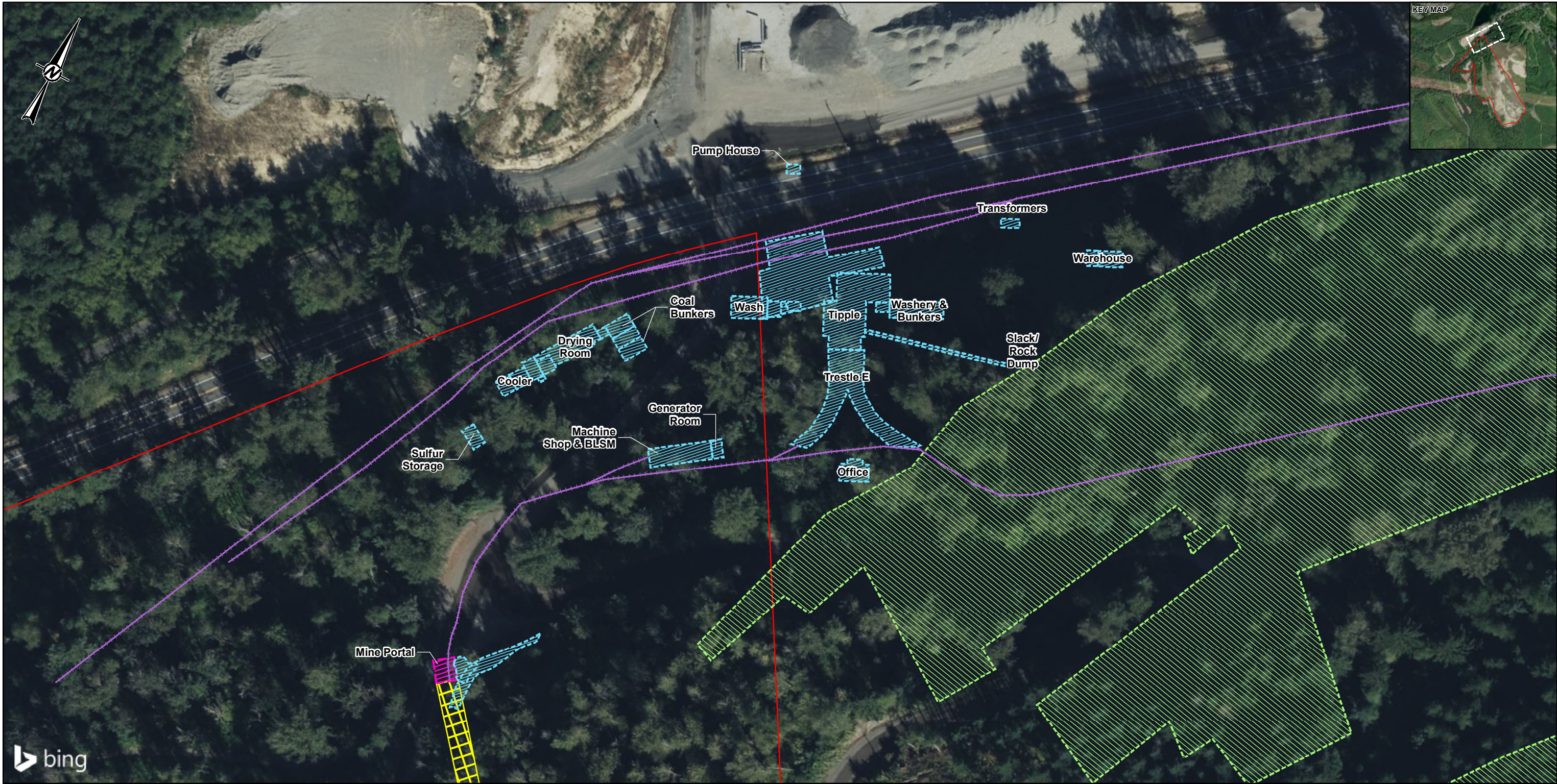
PHASE
002

REV
A

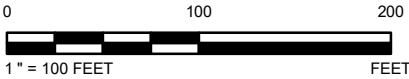
FIGURE
2-3

0 600 1,200
1" = 600 FEET FEET

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- LEGEND**
- Historical Mining Features**
- Area of Chutes and Pillars
 - Underground Mine Portal
 - Surface Structure
 - Underground Tunnel
 - Preliminary Site
 - Surface Tram/Rail



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YYYY-MM-DD	2025-03-10
DESIGNED	TL
PREPARED	TL
REVIEWED	JX
APPROVED	GZ

NOTE(S)
1. "PRELIMINARY SITE" REFERS TO THE REMEDIAL INVESTIGATION STUDY AREA THAT INCLUDES PARCELS 0121069011 (LOT 5), 3622069138 (LOT 6) AND 3522069046 (BAJA PROPERTY)

REFERENCE(S)
1. ASPECT CONSULTING (HISTORICAL MINING FEATURES, SITE, SURFACE TRAM/RAIL, SURFACE STRUCTURES)
2. COORDINATE SYSTEM: NAD 1983 HARN STATEPLANE WASHINGTON NORTH FIPS 4601 FEET
3. MAP SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY
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PROJECT
REMEDIAL INVESTIGATION REPORT - RESERVE SILICA RECLAMATION SITE

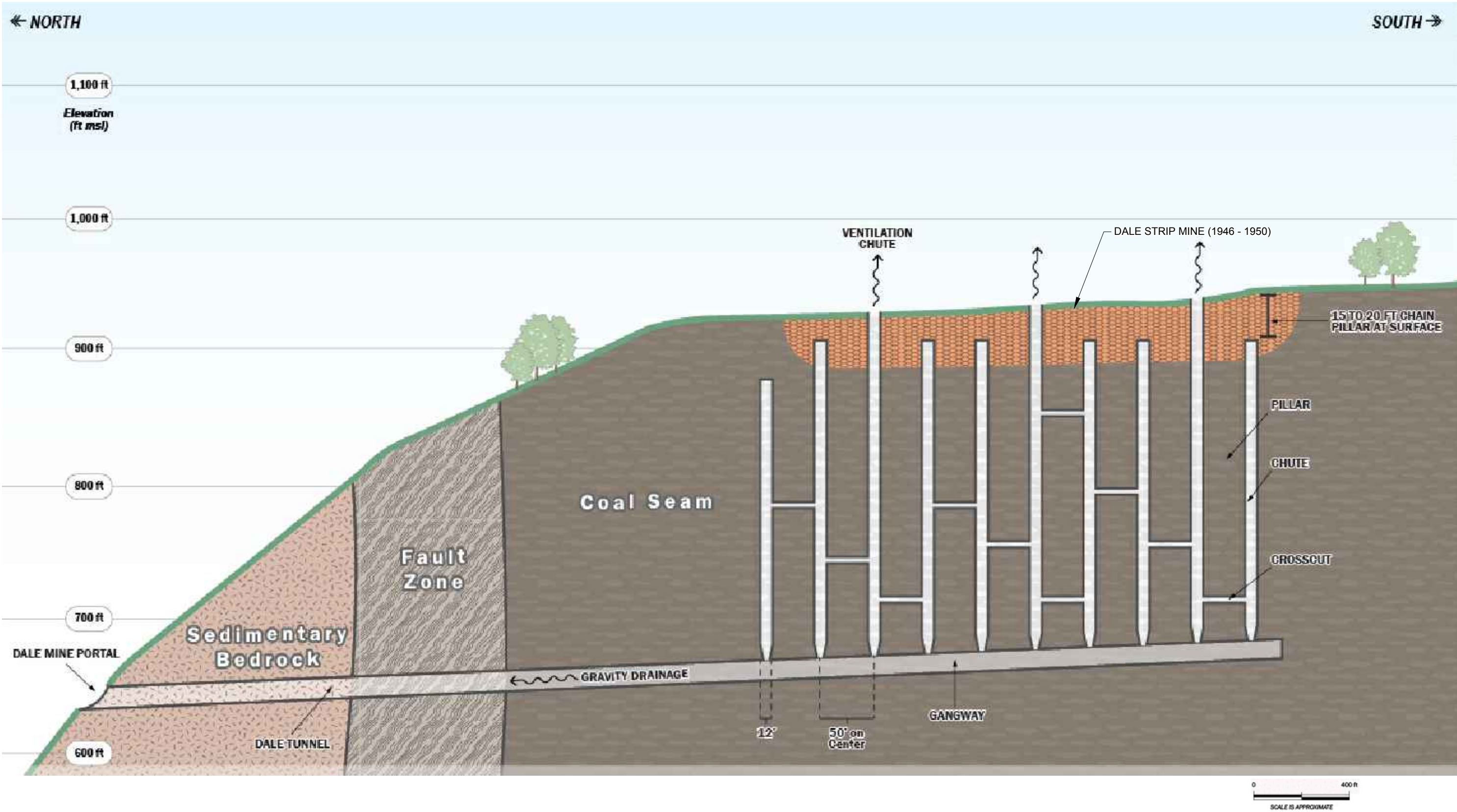
TITLE
DALE COAL MINE SURFACE STRUCTURES

PROJECT NO.	PHASE	REV.	FIGURE
152030402	004	A	2-4

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1in

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REFERENCE(S)
FIGURE PRESENTED AS RECEIVED FROM ASPECT CONSULTING, LLC MARCH 9, 2020.

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CONSULTANT



YYYY-MM-DD	2025-03-10
DESIGNED	GL
PREPARED	TR
REVIEWED	GL
APPROVED	GZ

PROJECT
REMEDIAL INVESTIGATION REPORT
RESERVE SILICA RECLAMATION SITE

TITLE
CONCEPTUAL SECTION OF DALE NO. 1 COAL SEAM MINING METHODS

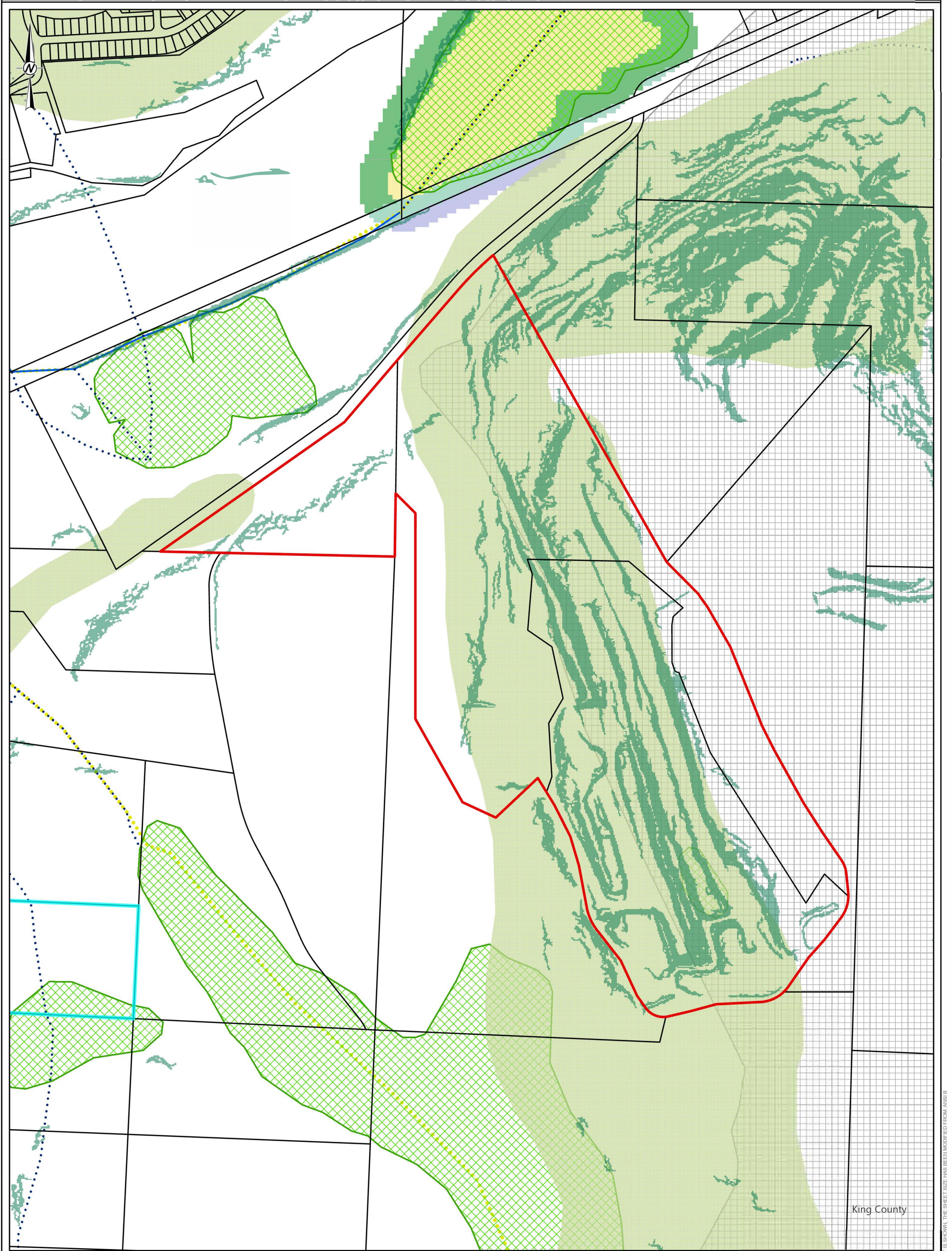
PROJECT NO.
GL152030402.001 04

TASK

REV.
A

FIGURE
2-5

1 in. IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



LEGEND

- Preliminary Site
- King County Parcels
- Potential Steep Slope Hazard
- Erosion Hazard
- Coal Mine Hazard
- Stream
- Unclassified Stream
- Wetland
- Wildlife habitat network

NOTE(S)
1. "PRELIMINARY SITE" REFERS TO THE REMEDIAL INVESTIGATION STUDY AREA THAT INCLUDES PARCELS 0121069011 (LOT 5), 3622069138 (LOT 6) AND 3522069046 (BAJA PROPERTY)

REFERENCE(S)
1. ENVIRONMENTALLY SENSITIVE AREAS PROVIDED BY KING COUNTY IMAP (MARCH 2020)
2. PARCEL LINES PROVIDED BY KING COUNTY IMAP (MARCH 2020)



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HOLCIM

PROJECT
REMEDIAL INVESTIGATION REPORT – RESERVE SILICA RECLAMATION SITE

TITLE
ENVIRONMENTAL HAZARD MAP

CONSULTANT



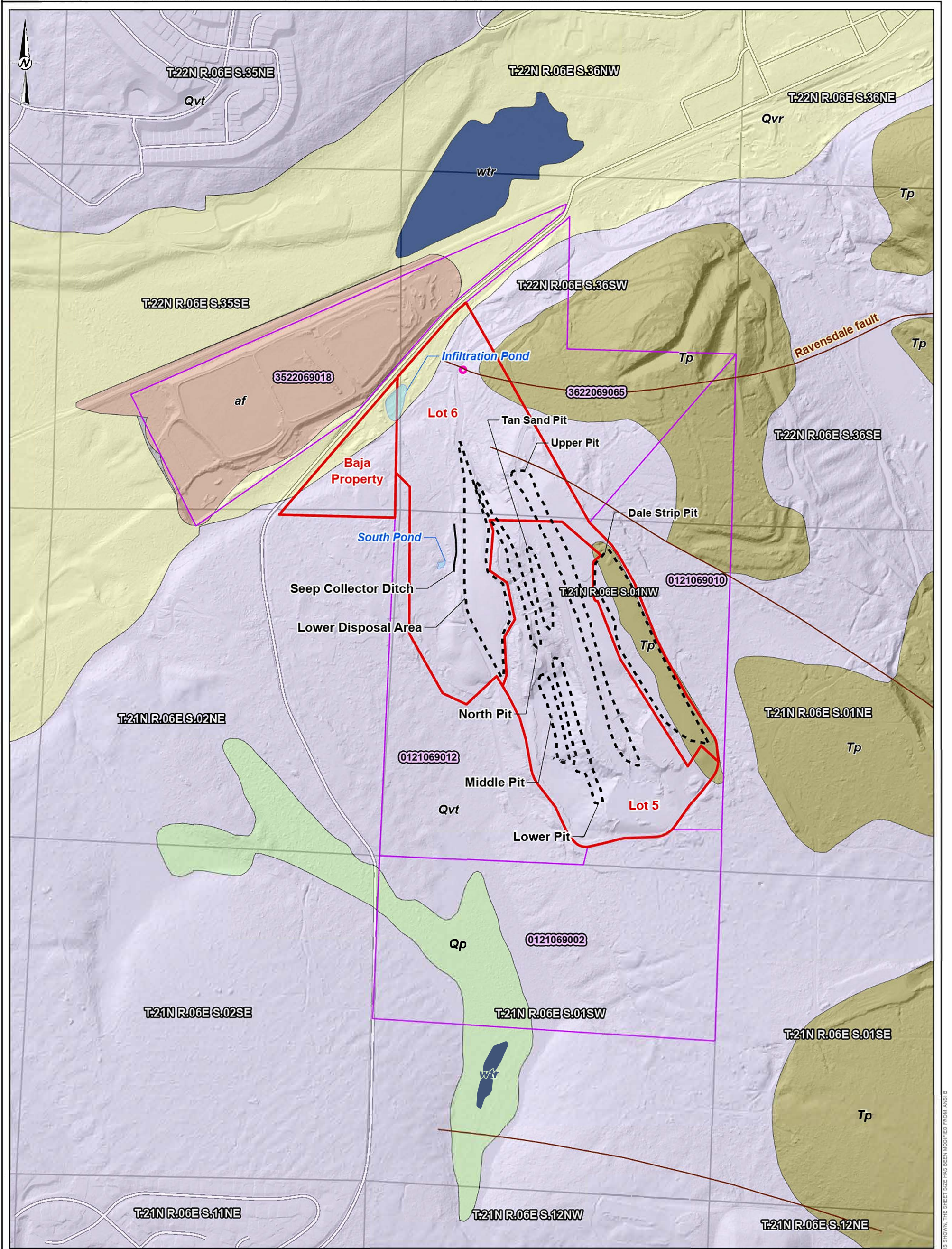
PROJECT NO.
GL152030402

PHASE
04

REV.
A

FIGURE
2-6

YYYYMM-DD	2025-01-15
DESIGNED	MLB
PREPARED	CK, MK, KS
REVIEWED	GL
APPROVED	GZ



- LEGEND**
- Seep Collector Ditch
 - Fault
 - Mine Portal
 - Pit
 - Pond
 - Parcels within Preliminary Site Boundary
 - Parcel
 - PLSS Quarter Section Boundary

- Water**
- Water (wtr)
- Quaternary Rocks and Deposits**
- Holocene artificial fill and modified land (af)
 - Quaternary bog, marsh, swamp, or lake deposits (Qp)
- Tertiary Rocks**
- Vashon Recessional Outwash (Qvr)
 - Vashon Lodgement Till (Qvt)
 - Tertiary sedimentary rocks and deposits (Tp)

NOTE(S)

- "PRELIMINARY SITE" REFERS TO THE REMEDIAL INVESTIGATION STUDY AREA THAT INCLUDES PARCELS 0121069011 (LOT 5), 3622069013 (LOT 6) AND 3522069046 (BAJA PROPERTY).
- HISTORICAL COAL MINING FEATURES DIGITIZED FROM DALE COAL COMPANY, MAP OF THE DALE MINE NO. 1, DATED JANUARY 28, 1925.

REFERENCE(S)

- ASPECT CONSULTING (CONCEPTUAL CROSS SECTION, HISTORICAL MINING FEATURES, PIT, SITE, SURFACE TRAM/RAIL)
- COORDINATE SYSTEM: NAD 1983 HARN STATEPLANE WASHINGTON SOUTH FIPS 4602 FEET
- MAP SERVICE LAYER CREDITS: WSDOT - PUBLIC ROADS

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REMEDIAL INVESTIGATION REPORT – RESERVE SILICA RECLAMATION SITE

TITLE

SURFACE GEOLOGY MAP OF THE PRELIMINARY SITE

PROJECT NO.

GL152030402

PHASE

04

REV

A

FIGURE

2-7

CONSULTANT

YYYY-MM-DD

2025-03-13

DESIGNED

TL

PREPARED

CK, MK, KS

REVIEWED

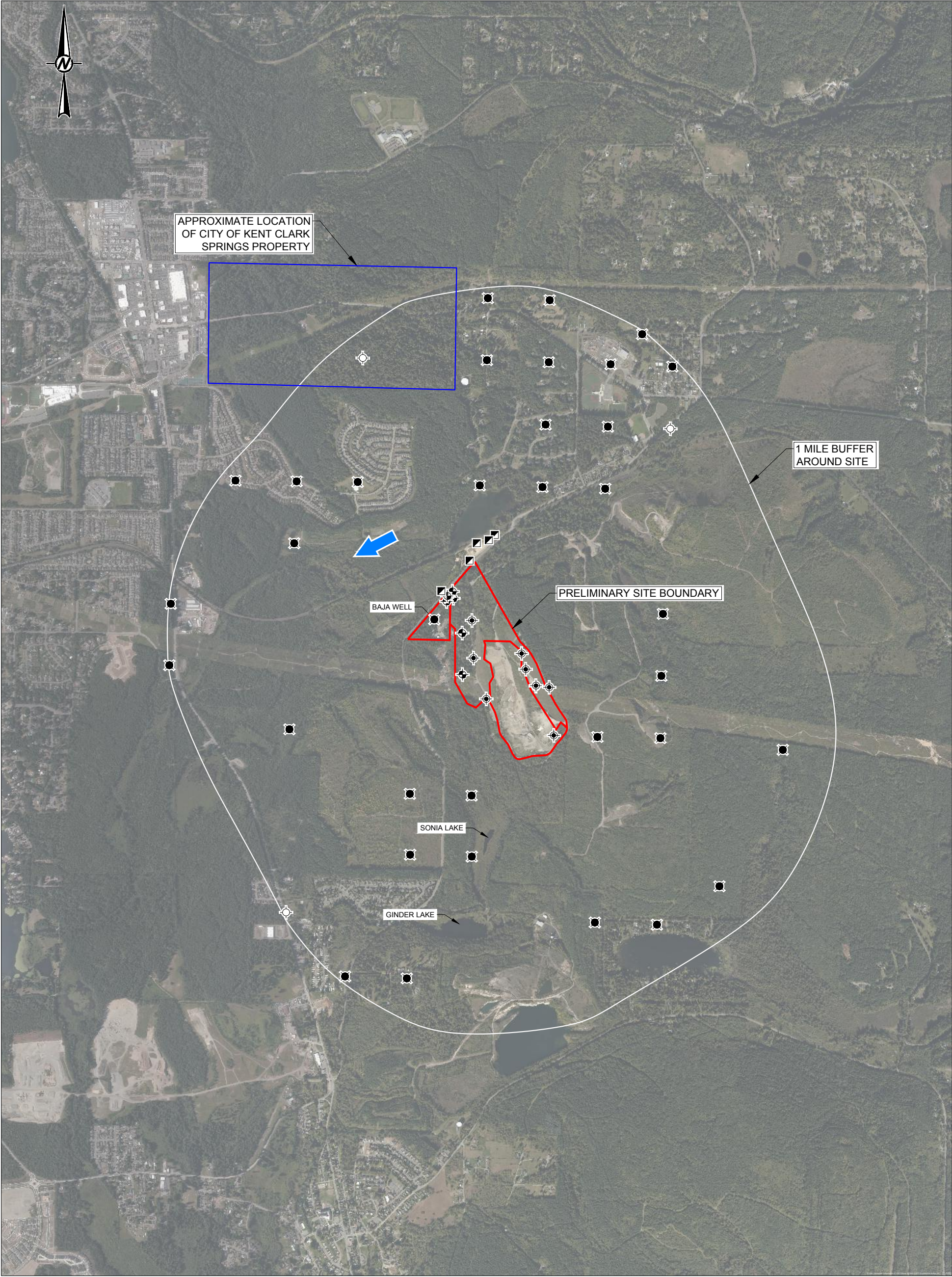
GL

APPROVED

GZ

0 700 1,400
1" = 700 FEET FEET





ALLUVIAL MONITORING WELLS

BEDROCK MONITORING WELLS

WELLS WITHIN RADIUS

PRIVATE WELLS (LOCATIONS OBTAINED FROM ECOLOGY'S WELL REPORT DATABASE)

GROUNDWATER MONITORING WELL

REGIONAL GROUNDWATER FLOW DIRECTION

LEGEND

NOTE(S)

1. WELL LOCATION SHOWN ARE APPROXIMATE LOCATION BASED ON TRS LOCATION SHOWN IN ECOLOGY DATABASE.

2. "PRELIMINARY SITE" REFERS TO THE REMEDIAL INVESTIGATION STUDY AREA THAT INCLUDES PARCELS 0121069011 (LOT 5), 3622069138 (LOT 6) AND 3522069046 (BAJA PROPERTY).

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PROJECT
REMEDIAL INVESTIGATION REPORT
RESERVE SILICA RECLAMATION SITE



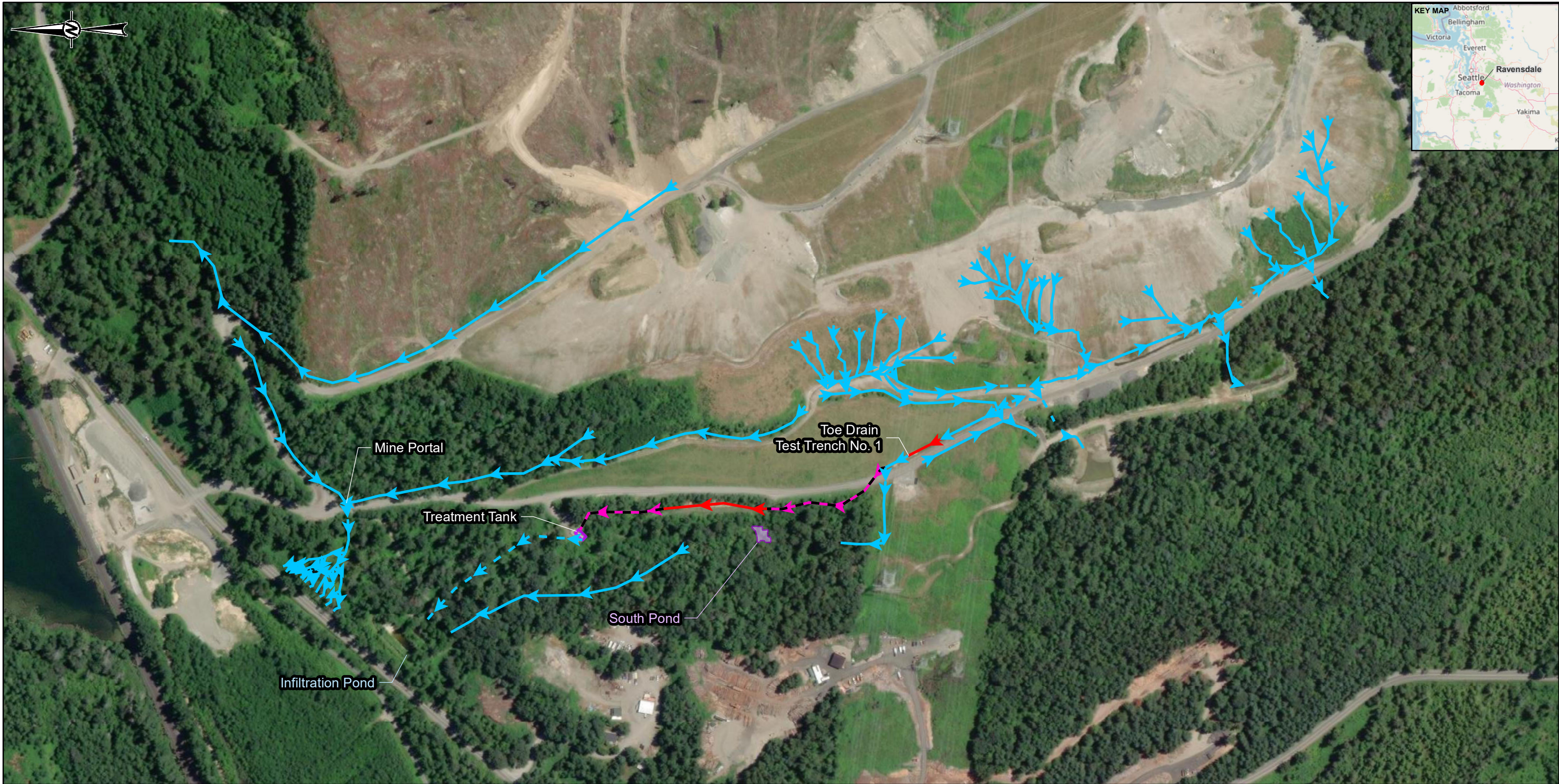
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	PREPARED	GL
	REVIEWED	GL
	APPROVED	GZ



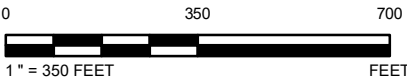
TITLE
PUBLIC, PRIVATE, AND MONITORING WELL LOCATION MAP

PROJECT NO.	TASK	REV.	FIGURE
GL152030402.001 04		A	2-8

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- LEGEND**
- Treatment Tank
 - South Pond
 - Surface Water Drainage (Wet Season)**
 - pH < 8.5 Surface Flow Path
 - pH > 8.5 Surface Flow Path
 - pH < 8.5 Underground Pipe Flow
 - pH > 8.5 Underground Pipe Flow



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YYYY-MM-DD	2025-03-11
DESIGNED	TD/TL
PREPARED	CK & KS
REVIEWED	GL
APPROVED	GZ

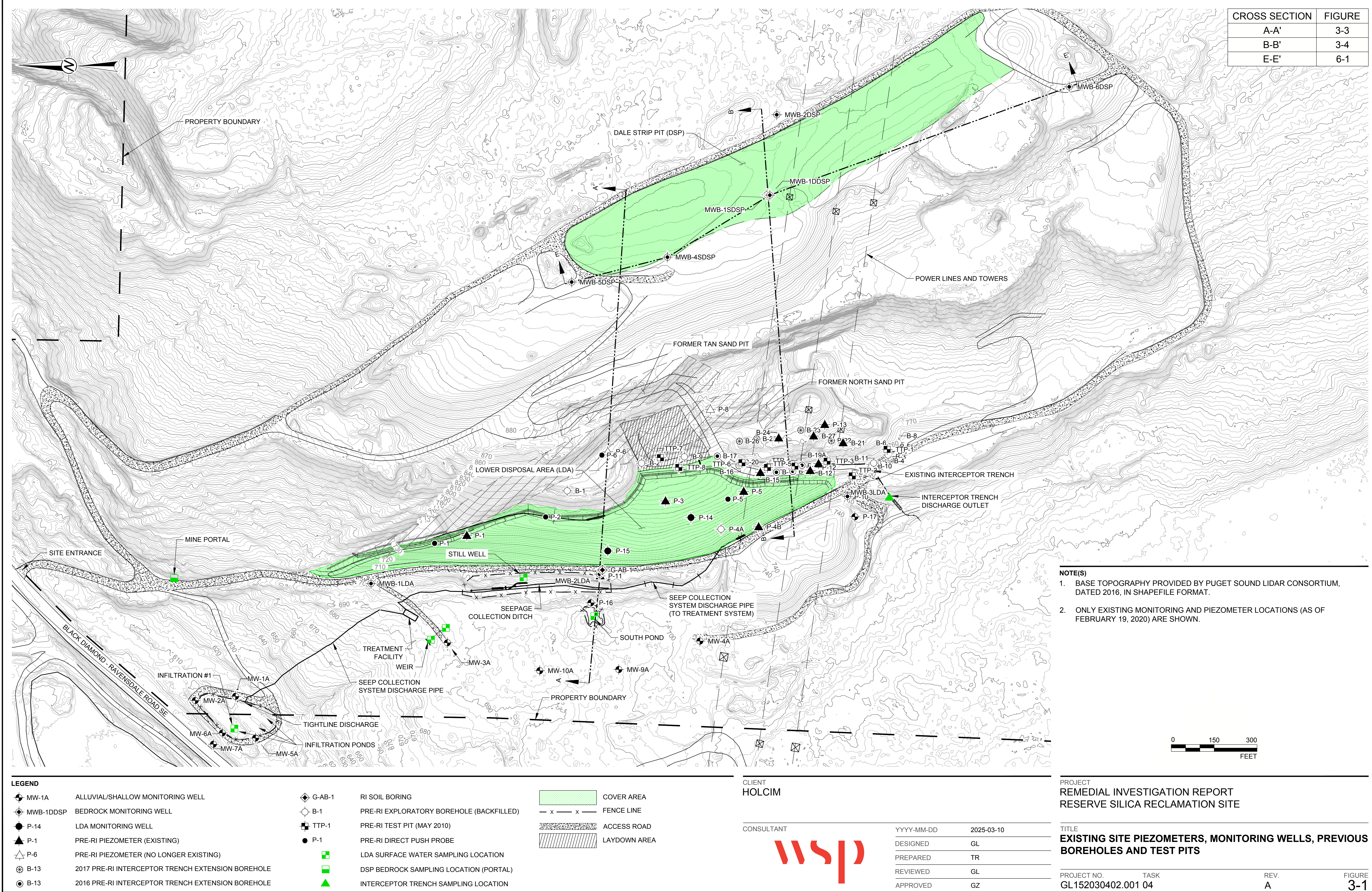
NOTE(S)
1. WET SEASON SURFACE WATER DRAINAGE APPROXIMATED WITH AERIAL IMAGERY.

REFERENCE(S)
1. GOLDR (SURFACE WATER DRAINAGE, TREATMENT TANK, PONDS, PH SURVEY POINTS)
2. COORDINATE SYSTEM: NAD 1983 STATEPLANE WASHINGTON NORTH FIPS 4601 FEET
3. MAP SERVICE LAYER CREDITS: © OPENSTREETMAP (AND) CONTRIBUTORS, CC-BY-SA
SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

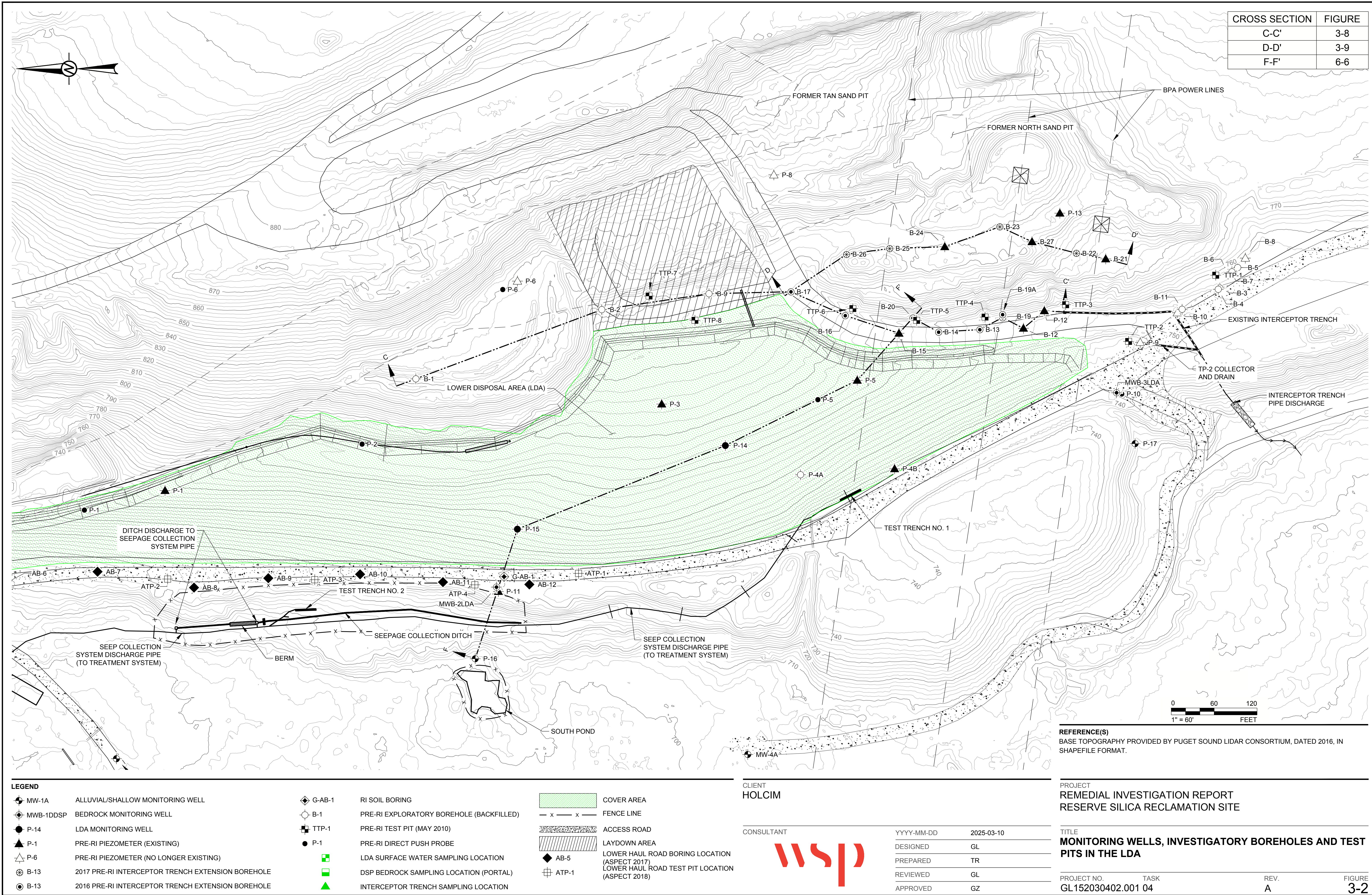
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TITLE SURFACE WATER DRAINAGE MAP (WET SEASON)			
PROJECT NO.	PHASE	REV.	FIGURE
GL 152030402	04	A	2-9

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

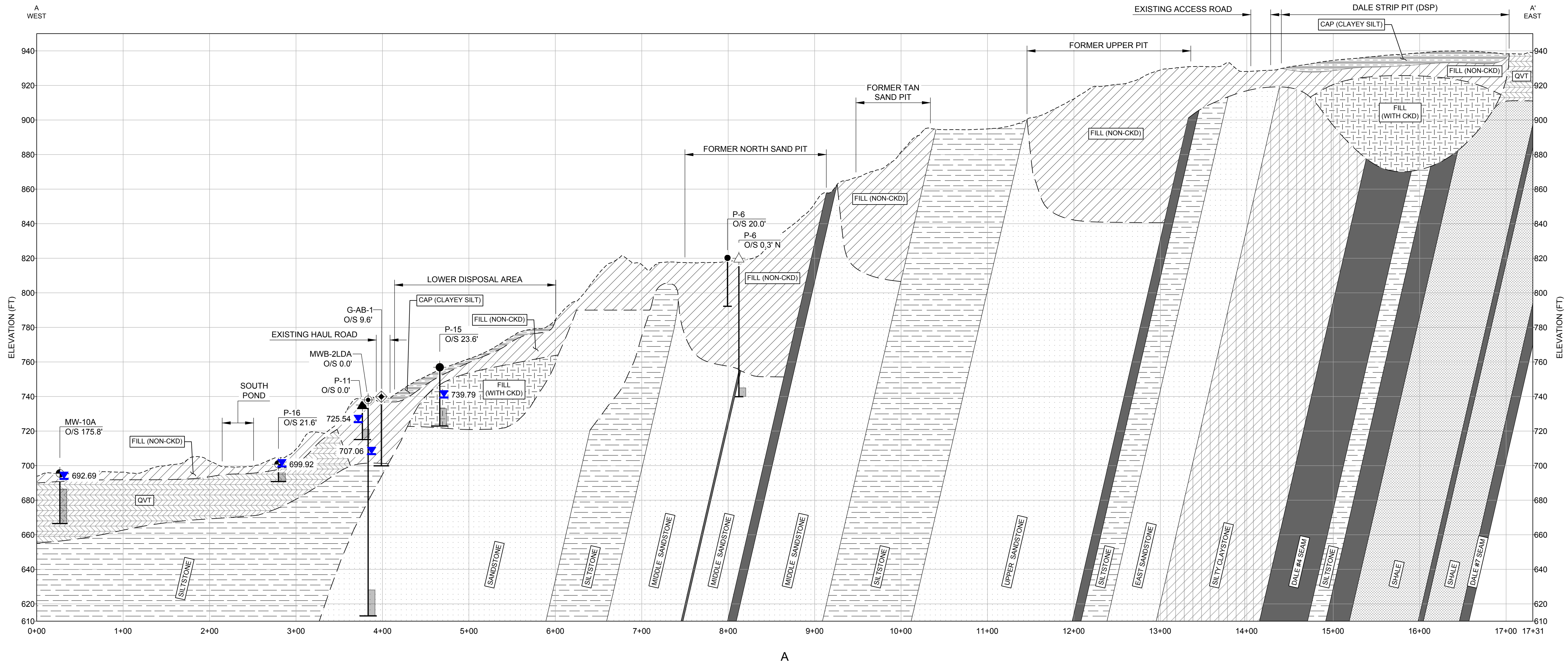
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LEGEND

- EXISTING GROUND PROFILE
- INFERRED GEOLOGIC CONTACT
- WATER LEVEL MEASURED AUGUST 26, 2019 IN FEET NAVD88
- PRE-RI PIEZOMETER (EXISTING)
- PRE-RI PIEZOMETER (NO LONGER EXISTING)
- BEDROCK GROUNDWATER MONITORING WELL
- LDA MONITORING WELL
- ALLUVIAL/SHALLOW MONITORING WELL
- RI SOIL BORING

- PUSH PROBE
- OFFSET (ft)
- SOIL BORING
- SCREEN INTERVAL

- FILL (NON-CKD)
- FILL (WITH CKD)
- CAP (CLAYEY SILT)
- QVT
- COAL
- SHALE
- SANDSTONE
- SILTY CLAYSTONE
- SILTSTONE

NOTE(S)

- PIEZOMETER / MONITORING WELL ELEVATIONS BASED ON SURVEY DATE AND MAY NOT MATCH SURFACE PROFILE FROM KING COUNTY 2016 LIDAR.
- GROUNDWATER ELEVATION FOR MONITORING WELL ARE FROM THE MARCH 2024 SAMPLING.
- SEE PLAN VIEW ON FIGURE 3-1.

REFERENCE(S)

BASE TOPOGRAPHY PROVIDED BY PUGET SOUND LIDAR CONSORTIUM, DATED 2016, IN SHAPEFILE FORMAT.

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CONSULTANT



YYYY-MM-DD	2025-03-10
DESIGNED	GL
PREPARED	TR
REVIEWED	GL
APPROVED	GZ

PROJECT
REMEDIAL INVESTIGATION REPORT
RESERVE SILICA RECLAMATION SITE

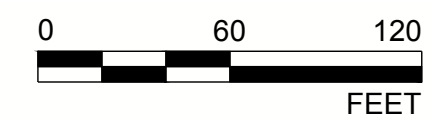
TITLE
CONCEPTUAL CROSS SECTION A-A'

PROJECT NO.
GL152030402.001 04

TASK

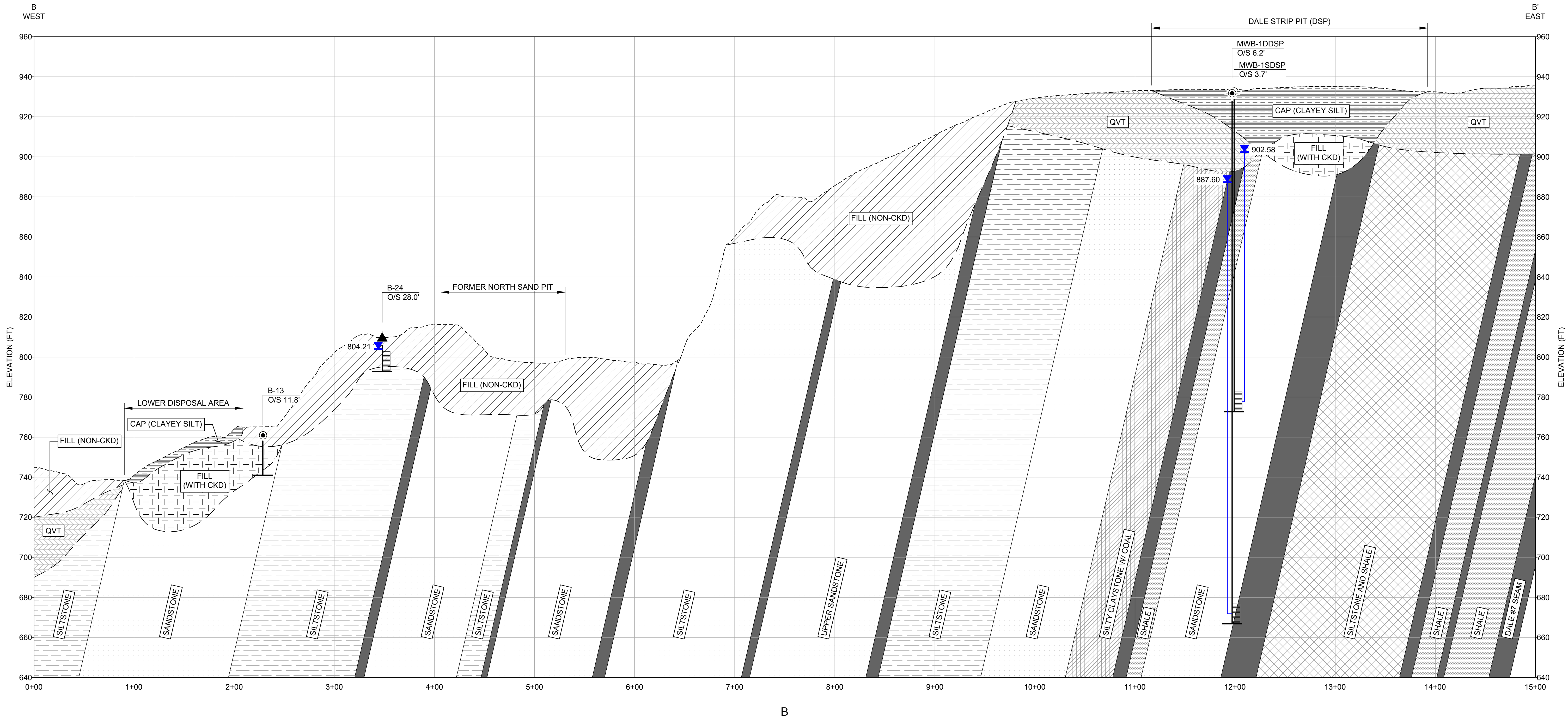
REV.
A

FIGURE
3-3



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LEGEND

-----	EXISTING GROUND PROFILE		FILL (NON-CKD)		SILTSTONE
---	INFERRED GEOLOGIC CONTACT		FILL (WITH CKD)		SHALE / SILTSTONE
	WATER LEVEL MEASURED AUGUST 26, 2019 IN FEET NAVD88		CAP (CLAYEY SILT)		
	PRE-RI PIEZOMETER (EXISTING)		QVT		
	BEDROCK GROUNDWATER MONITORING WELL		COAL		
	2016 INTERCEPTOR TRENCH EXTENSION BOREHOLE		SHALE		
O/S	OFFSET (ft)		SANDSTONE		
	SOIL BORING		SILTY CLAYSTONE		
	SCREEN INTERVAL				

NOTE(S)

- PIEZOMETER / MONITORING WELL ELEVATIONS BASED ON SURVEY DATE AND MAY NOT MATCH SURFACE PROFILE FROM KING COUNTY 2016 LIDAR.
- GROUNDWATER ELEVATION FOR MONITORING WELL ARE FROM THE MARCH 2024 SAMPLING.
- SEE PLAN VIEW ON FIGURE 3-1.

REFERENCE(S)

BASE TOPOGRAPHY PROVIDED BY PUGET SOUND LIDAR CONSORTIUM, DATED 2016, IN SHAPEFILE FORMAT.

CLIENT
HOLCIM

CONSULTANT



YYYY-MM-DD	2025-03-10
DESIGNED	GL
PREPARED	TR
REVIEWED	GL
APPROVED	GZ

PROJECT
REMEDIAL INVESTIGATION REPORT
RESERVE SILICA RECLAMATION SITE

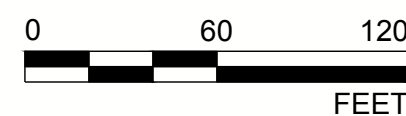
TITLE
CONCEPTUAL CROSS SECTION B-B'

PROJECT NO.
GL152030402.001 04

TASK

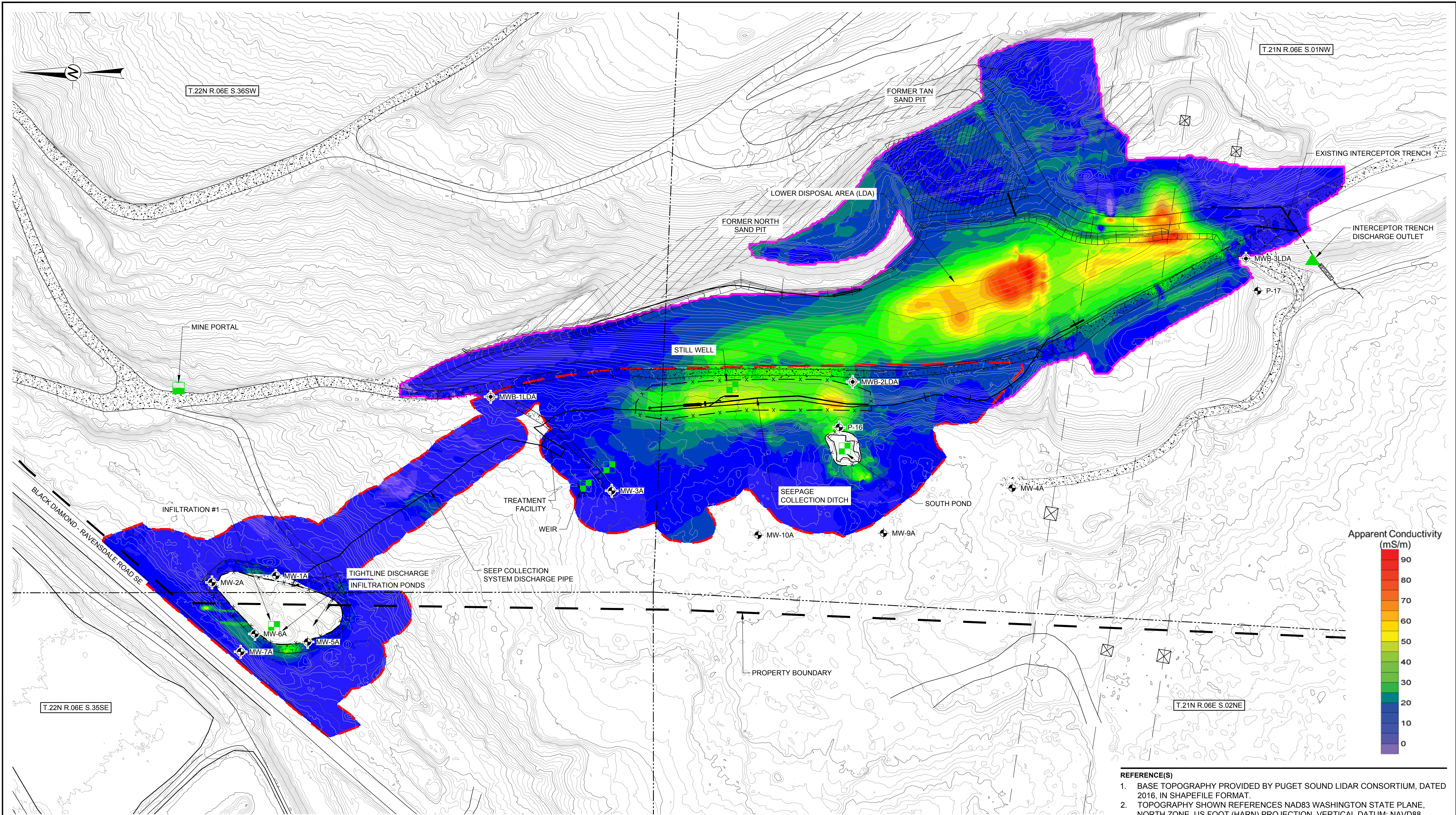
REV.
A

FIGURE
3-4

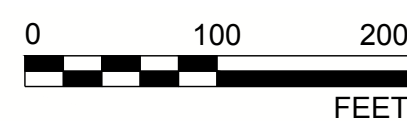


1 in = 100 ft IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI D

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LEGEND			
	APPROXIMATE 2019 GEOPHYSICS SURVEY EXTENTS		LDA SURFACE WATER SAMPLING LOCATION
	APPROXIMATE 2010 GEOPHYSICS SURVEY EXTENTS		DSP BEDROCK SAMPLING LOCATION (PORTAL)
	MW-1A ALLUVIAL/SHALLOW MONITORING WELL		INTERCEPTOR TRENCH SAMPLING LOCATION
	MWB-1DDSP BEDROCK MONITORING WELL		FENCE LINE
	LAYDOWN AREA		TOWNSHIP, RANGE, SECTION, AND QUARTER BOUNDARIES



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YYYY-MM-DD	2025-03-10
DESIGNED	GL
PREPARED	TR
REVIEWED	GL
APPROVED	GZ

REFERENCE(S)

1. BASE TOPOGRAPHY PROVIDED BY PUGET SOUND LIDAR CONSORTIUM, DATED 2016, IN SHAPEFILE FORMAT.
2. TOPOGRAPHY SHOWN REFERENCES NAD83 WASHINGTON STATE PLANE, NORTH ZONE, US FOOT (HARN) PROJECTION. VERTICAL DATUM: NAVD88.

PROJECT
REMEDIAL INVESTIGATION REPORT
RESERVE SILICA RECLAMATION SITE

TITLE
2010 AND 2019 APPARENT CONDUCTIVITY SURVEYS (20 FT DEPTH)

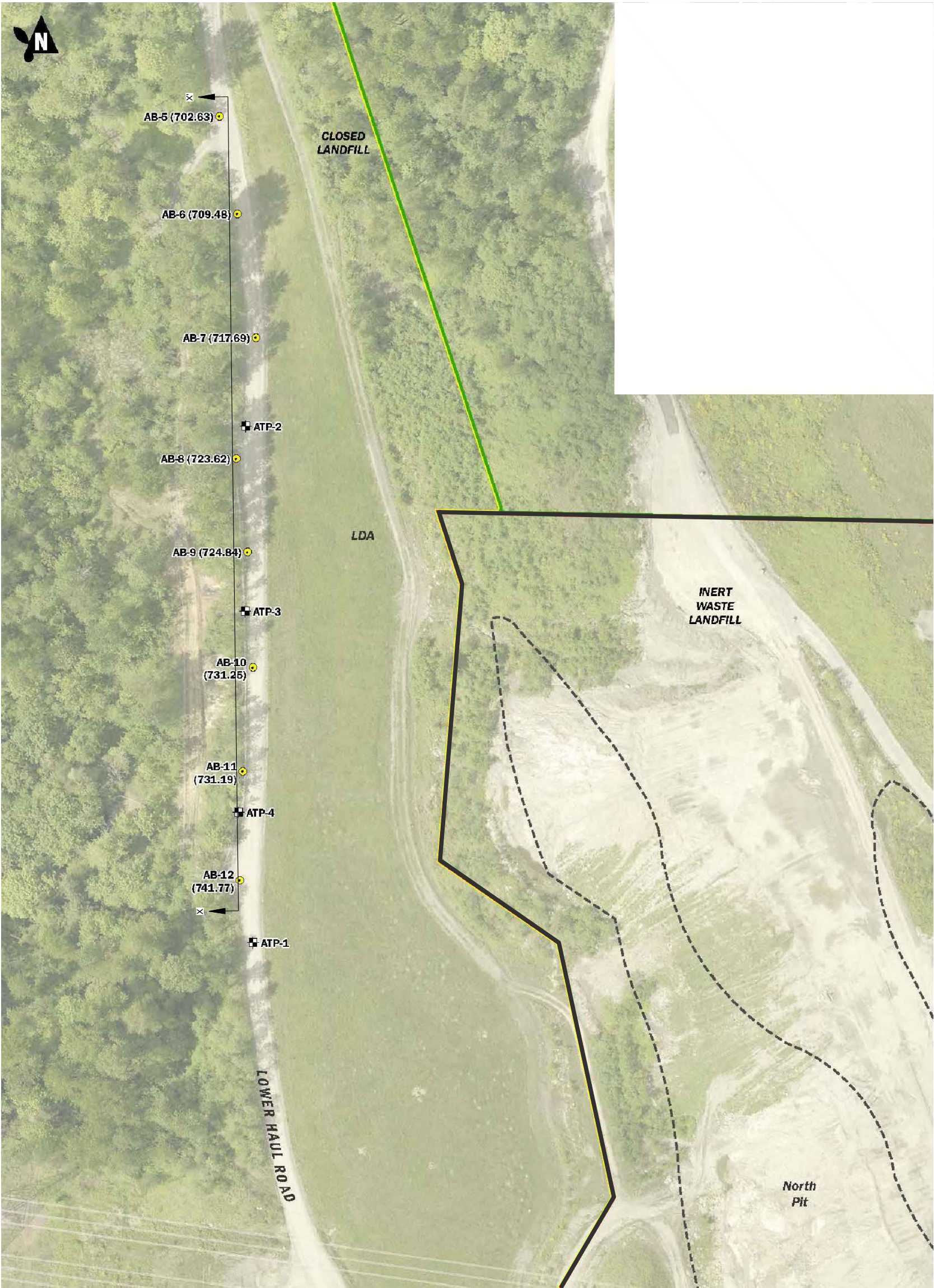
PROJECT NO.
GL152030402.001 04

TASK

REV.
A

FIGURE
3-5

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI D



LEGEND

Exploration Name

AB-12

(741.77)

Surface Elevation (ft, NAVD83)

Boring (Aspect)

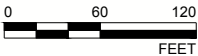
Test Pit

Historical Coal and/or Sand Mine Pit Extent

Property

Tax Parcel

REFERENCE(S)
INFORMATION DISPLAYED PROVIDED BY ASPECT CONSULTING, DATED MARCH 2019, DELIVERED IN PDF FORMAT.



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CONSULTANT



YYYY-MM-DD	2025-03-10
PREPARED	TR
DESIGNED	GL
REVIEWED	GL
APPROVED	GZ

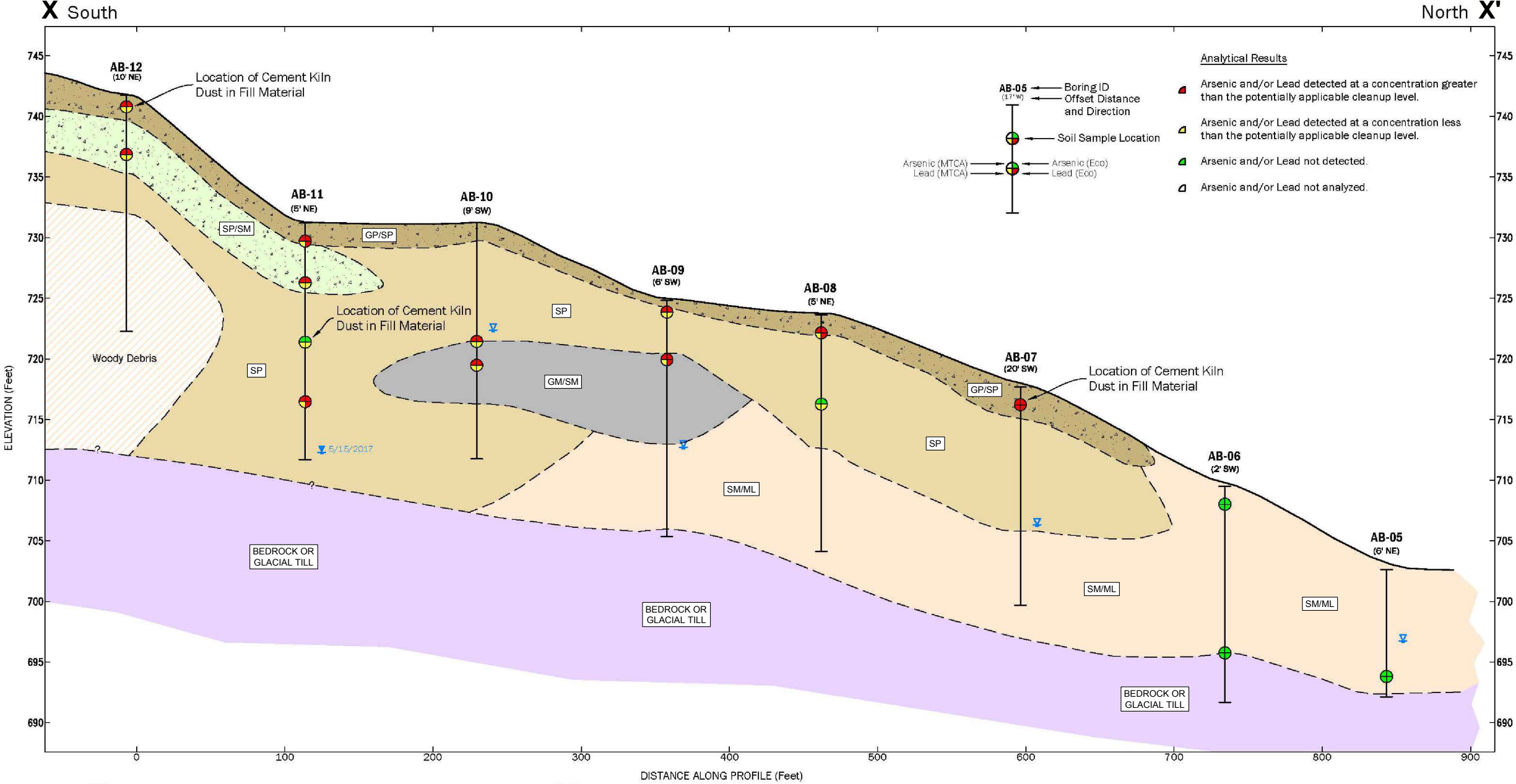
TITLE
LOWER HAUL ROAD PLAN

PROJECT NO. TASK
GL152030402.001 04

REV.
A

FIGURE
3-6

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LEGEND

Fill	Native
Sand and gravel, contains variable amounts of silt, mixed with slag fragments (GP/SP)	Bedrock or glacial till
Silty sand or sandy silt, mixed with gravel, coal fragments, organic material, woody debris and brick fragments (SM/ML)	Depth to Groundwater at Time of Drilling
Slightly silty sand, orange-yellow, medium to coarse grained, mixed with coal fragments and woody debris, variable silt and gravel (SP)	Depth to Groundwater (5/15/17)
Sand or silty sand, dark-colored with coal and slag fragments (SP/SM)	Estimated Fill/Native Soils Contact
Silty gravel and silty sand with coal fragments fining downward (GM/SM)	Fill Horizons Contain Slag

REFERENCE(S)
INFORMATION DISPLAYED PROVIDED BY ASPECT CONSULTING, DATED MARCH 2019, DELIVERED IN PDF FORMAT.

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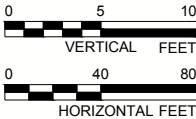
CONSULTANT	YYYY-MM-DD	2025-03-10
DESIGNED	GL	
PREPARED	TR	
REVIEWED	GL	
APPROVED	GZ	



PROJECT
REMEDIAL INVESTIGATION REPORT
RESERVE SILICA RECLAMATION SITE

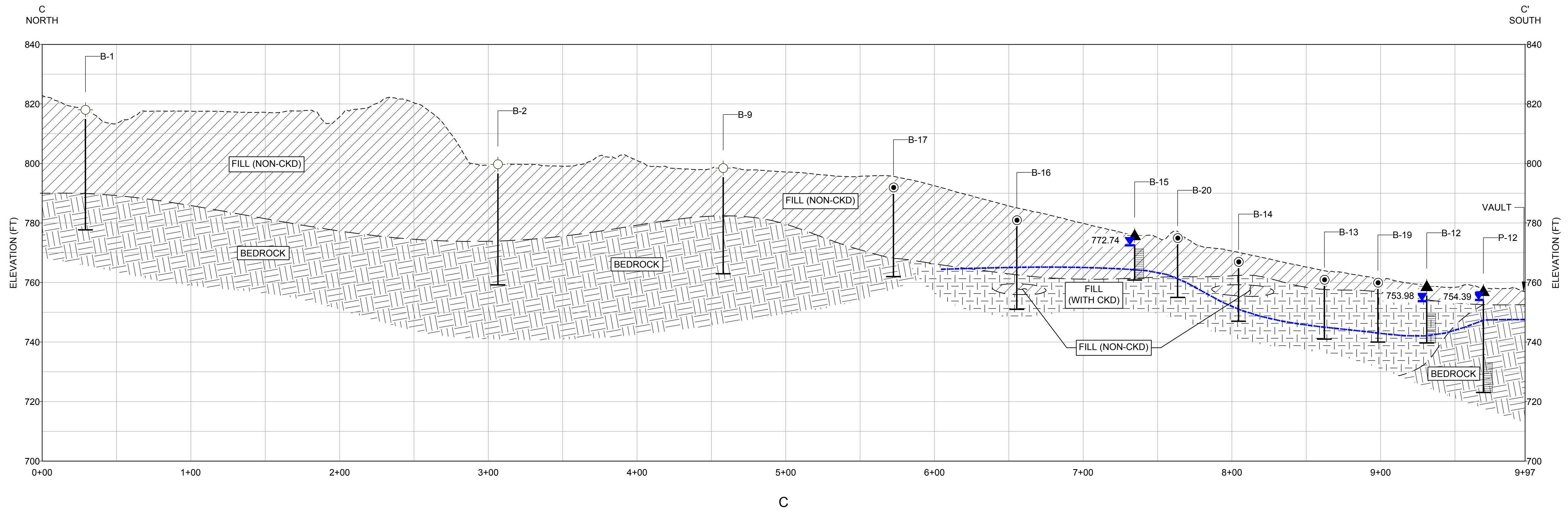
TITLE
LOWER HAUL ROAD CROSS SECTION

PROJECT NO.	TASK	REV.	FIGURE
GL152030402.001 04		A	3-7



IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI D

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LEGEND

- EXISTING GROUND PROFILE
- - - - - INFERRED GEOLOGIC CONTACT
- INFERRED GROUNDWATER SURFACE
- ▼ WATER LEVEL MEASURED AUGUST 26, 2019 IN FEET NAVD88
- ▲ PRE-RI PIEZOMETER (EXISTING)
- 2016 INTERCEPTOR TRENCH EXTENSION BOREHOLE
- EXPLORATORY BOREHOLE (BACKFILLED)
- O/S OFFSET (ft)
- SOIL BORING
- SCREEN INTERVAL
- /// FILL (NON-CKD)
- |||| FILL (WITH CKD)
- ||||| BEDROCK

NOTE(S)

- PIEZOMETER / MONITORING WELL ELEVATIONS BASED ON SURVEY DATE AND MAY NOT MATCH SURFACE PROFILE FROM KING COUNTY 2016 LIDAR.
- GROUNDWATER ELEVATION FOR MONITORING WELL ARE FROM THE MARCH 2024 SAMPLING.
- SEE PLAN VIEW ON FIGURE 3-2.

REFERENCE(S)

BASE TOPOGRAPHY PROVIDED BY PUGET SOUND LIDAR CONSORTIUM, DATED 2016, IN SHAPEFILE FORMAT.

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PREPARED	TR
REVIEWED	GL
APPROVED	GZ

PROJECT
REMEDIAL INVESTIGATION REPORT
RESERVE SILICA RECLAMATION SITE

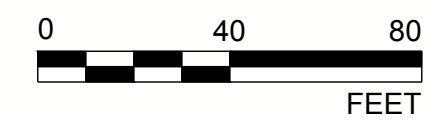
TITLE
CONCEPTUAL CROSS SECTION C-C'

PROJECT NO.
GL152030402.001 04

TASK

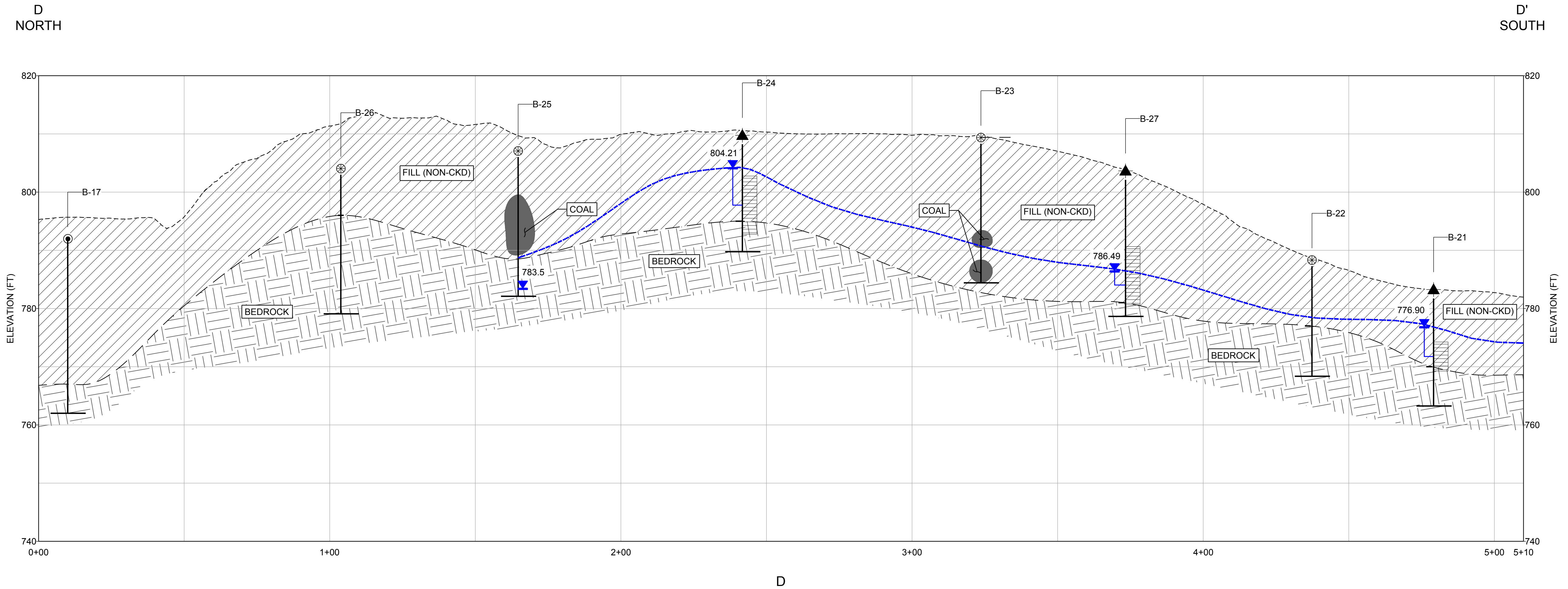
REV.
A

FIGURE
3-8



IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI D

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LEGEND

- EXISTING GROUND PROFILE
- - - - - INFERRED GEOLOGIC CONTACT
- INFERRED GROUNDWATER SURFACE
- ▼ WATER LEVEL MEASURED AUGUST 26, 2019 IN FEET NAVD88
- ▲ PRE-RI PIEZOMETER (EXISTING)
- ⊗ 2017 INTERCEPTOR TRENCH EXTENSION BOREHOLE
- ⊙ 2016 INTERCEPTOR TRENCH EXTENSION BOREHOLE
- O/S OFFSET (ft)
- SOIL BORING
- SCREEN INTERVAL
- FILL (NON-CKD)
- COAL
- BEDROCK

NOTE(S)

- PIEZOMETER / MONITORING WELL ELEVATIONS BASED ON SURVEY DATE AND MAY NOT MATCH SURFACE PROFILE FROM KING COUNTY 2016 LIDAR.
- GROUNDWATER ELEVATION FOR MONITORING WELL ARE FROM THE MARCH 2024 SAMPLING.
- SEE PLAN VIEW ON FIGURE 3-2.

REFERENCE(S)

BASE TOPOGRAPHY PROVIDED BY PUGET SOUND LIDAR CONSORTIUM, DATED 2016, IN SHAPEFILE FORMAT.

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CONSULTANT



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PREPARED	TR
REVIEWED	GL
APPROVED	GZ

PROJECT
REMEDIAL INVESTIGATION REPORT
RESERVE SILICA RECLAMATION SITE

TITLE
CONCEPTUAL CROSS SECTION D-D'

PROJECT NO.
GL152030402.001 04

TASK

REV.
A

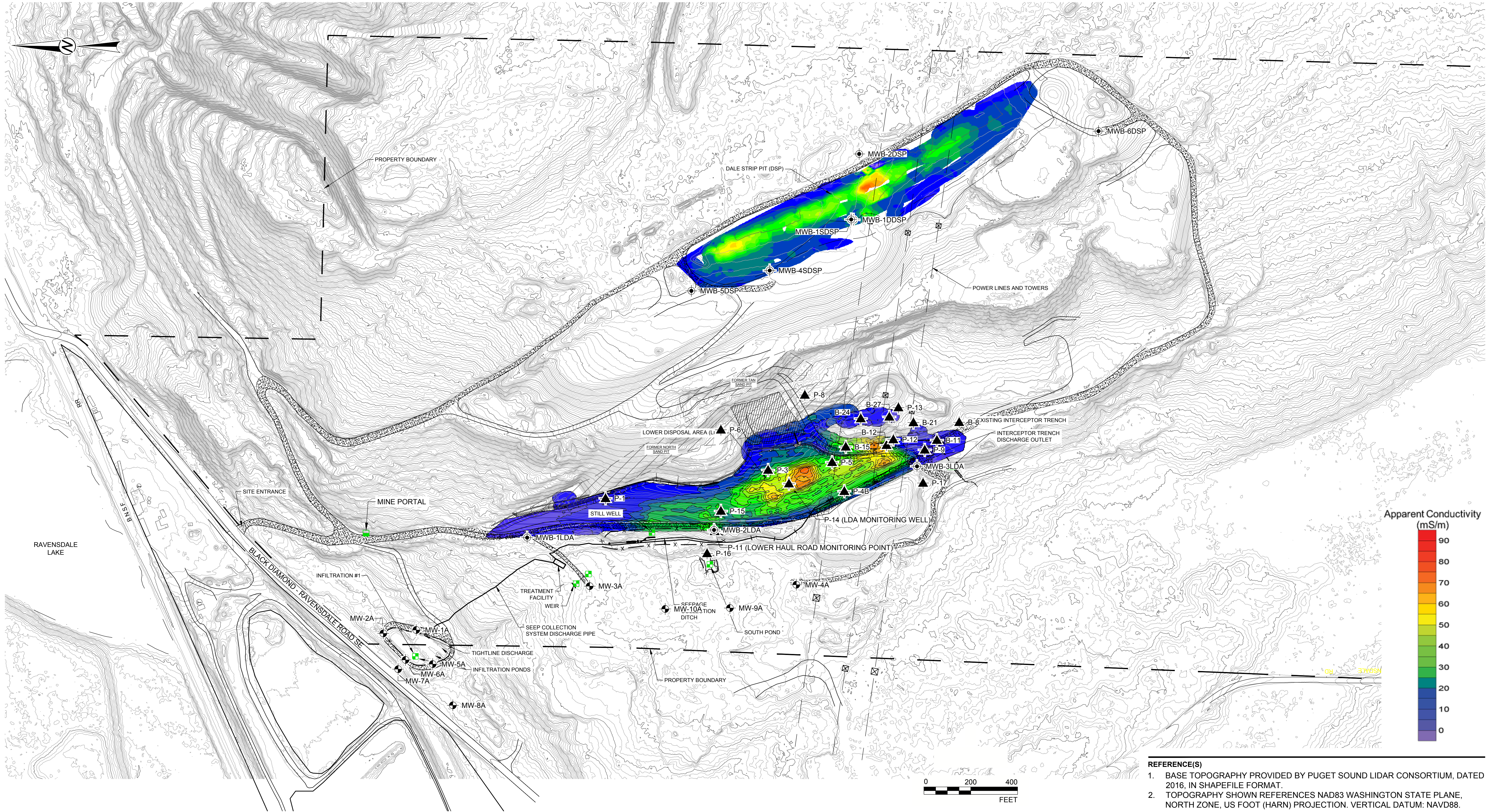
FIGURE
3-9

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI D



FIGURE 3-10

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LEGEND

- | | | | |
|--|--|--|--------------|
| | ALLUVIAL/SALLOW MONITORING WELL | | PIEZOMETER |
| | BEDROCK MONITORING WELL | | ACCESS ROAD |
| | LDA SURFACE WATER SAMPLING LOCATION | | FENCE LINE |
| | DSP BEDROCK SAMPLING LOCATION (PORTAL) | | LAYDOWN AREA |
| | INTERCEPTOR TRENCH SAMPLING LOCATION | | |

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APPROVED	GZ

REFERENCE(S)

1. BASE TOPOGRAPHY PROVIDED BY PUGET SOUND LIDAR CONSORTIUM, DATED 2016, IN SHAPEFILE FORMAT.
2. TOPOGRAPHY SHOWN REFERENCES NAD83 WASHINGTON STATE PLANE, NORTH ZONE, US FOOT (HARN) PROJECTION. VERTICAL DATUM: NAVD88.

PROJECT
REMEDIAL INVESTIGATION REPORT
RESERVE SILICA RECLAMATION SITE

TITLE
2020 GEOPHYSICAL SURVEY LDA AND DSP

PROJECT NO. TASK
GL152030402.001 04

REV.
A

FIGURE
3-11

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI D