



BAMBERTON QUARRY
NOW 2019
Figure 2
Land Status Map

0 100 200 m
UTM ZONE 10 / NAD 1983
SCALE: 1:4000

Legend

- 2016 PERMIT BOUNDARY
- 2019 PROPOSED PERMIT BOUNDARY ...
- PARCEL BOUNDARIES
- MINING PHASE BOUNDARIES
- TRANSMISSION LINE RW
- EASEMENT RW
- PAVED ROAD
- STRUCTURES

ZONING

- RURAL RESOURCE 1
- RURAL RESOURCE 2
- BAMBERTON LIGHT INDUSTRIAL 1A
- HEAVY INDUSTRIAL 2



Map Description:

This map has been produced as part of a mine permit application. Contour lines were generated from a LIDAR data set produced by Terra Remote Sensing in July 2015. For this map, the lines have been modified to depict surface elevations as of November 1, 2018. Property boundaries were acquired from Cowichan Valley Regional District Geospatial Data Web Site. Zoning designations from South Cowichan Zoning Bylaw No. 3520, adopted December 2013.

Map History:

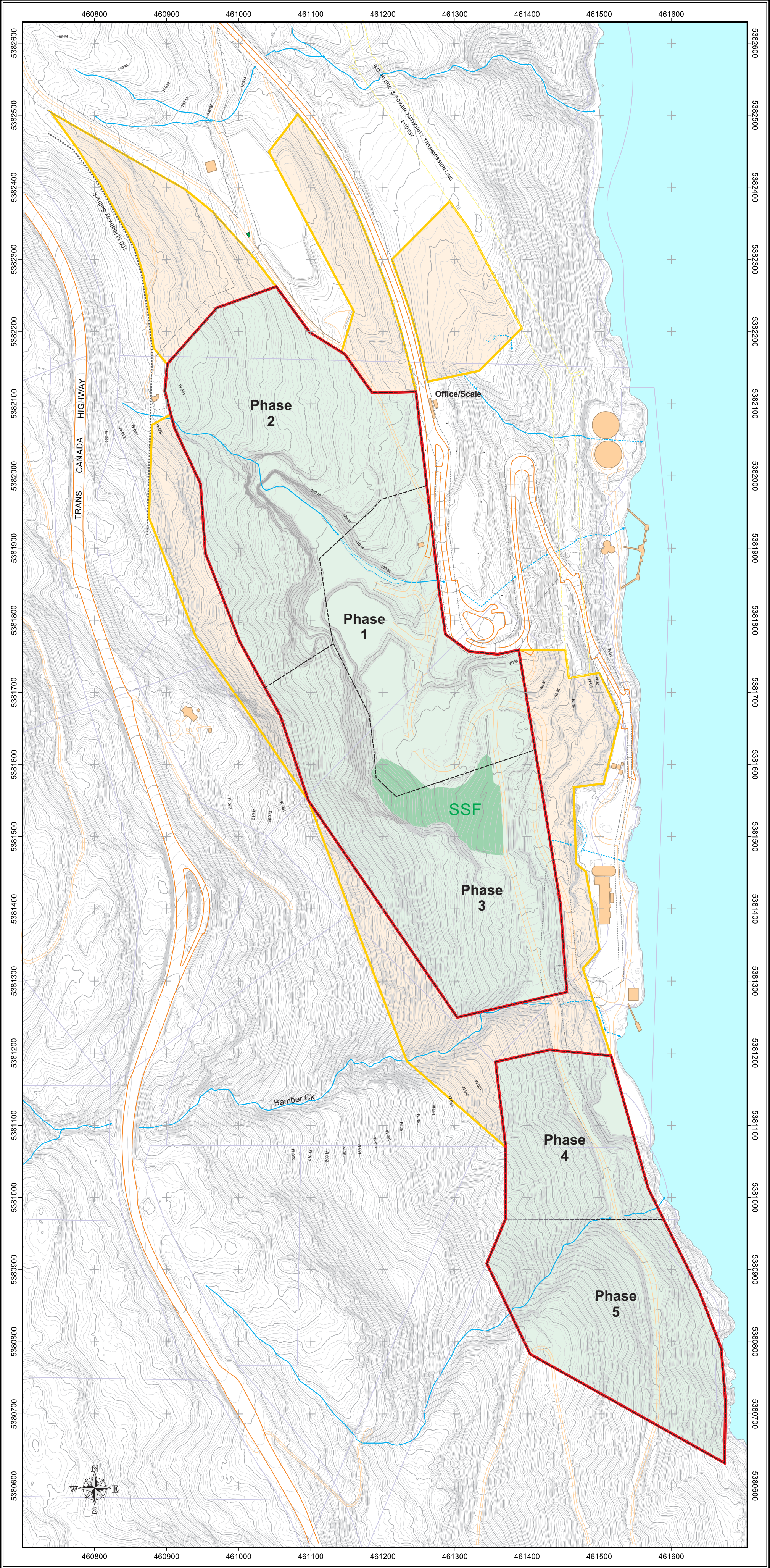
File: Fig 2 LAND STATUS MAP.CDR
Final Version: March 20, 2019
Revisions:



BAMBERTON QUARRY
NOW 2019
Figure 3
Existing Surface Map

0 100 200 m
UTM ZONE 10 / NAD 1983
SCALE: 1:4000
Contours: 1 metre intervals

- Legend**
- 2016 PERMIT BOUNDARY
 - 2019 PROPOSED PERMIT BOUNDARY...
 - 5 METRE SET BACK
 - MINING PHASE BOUNDARIES
 - 2016 MINING PHASES
 - 2019 MINING PHASE EXPANSION
 - PARCEL BOUNDARIES
 - TRANSMISSION LINE RW
 - EASEMENT RW
 - PAVED ROAD
 - STRUCTURES



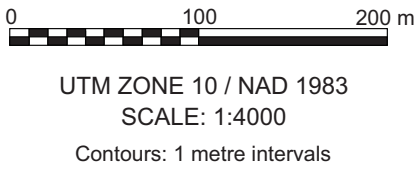
Map Description:
This map has been produced as part of a mine permit application. Contour lines were generated from a LIDAR data set produced by Terra Remote Sensing in July 2015. For this map, the lines have been modified to depict surface elevations as of November 1, 2018.
Property boundaries were acquired from Cowichan Valley Regional District Geospatial Data Web Site.

Map History:
File: Fig 3 EXISTING SURFACE MAP.CDR
Final Version: March 20, 2019
Revisions:



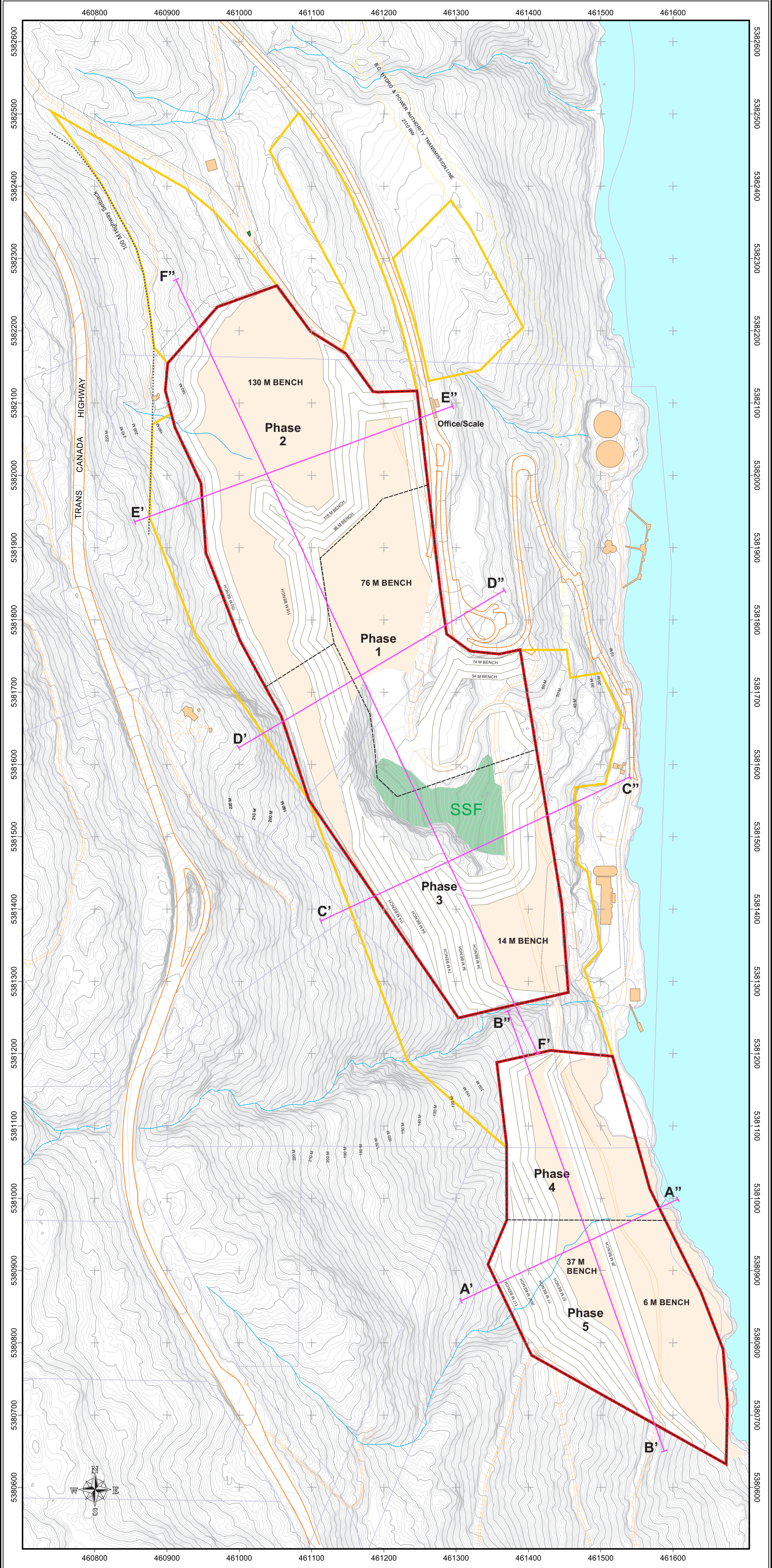
BAMBERTON QUARRY
NOW 2019
Figure 4

2016 Permitted Extraction Plan



Legend

- 2016 PERMIT BOUNDARY
- 2018 PROPOSED PERMIT BOUNDARY...
- MINING PHASE BOUNDARIES
- CROSS SECTIONS
- PARCEL BOUNDARIES
- TRANSMISSION LINE RW
- EASEMENT RW
- PAVED ROAD
- STRUCTURES



Map Description:

This map has been produced as part of a mine permit application. Contour lines outside of the 2016 permitted areas were generated from a LIDAR data set produced by Terra Remote Sensing in July 2015. Benches and excavated back walls are based on a Quarry Development Plan prepared by ONPOINT Project Engineers Ltd for the 2016 permit application. Property boundaries were acquired from Cowichan Valley Regional District Geospatial Data Web Site.

Map History:

File: Fig 4 2016 PERMITTED EXTRACTION PLAN.CDR
Final Version: March 20, 2019
Revisions:



BAMBERTON QUARRY
NOW 2019
Figure 5
Proposed Final Extraction Plan

0 100 200 m
UTM ZONE 10 / NAD 1983
SCALE: 1:4000
Contours: 1 metre intervals

Legend

- 2019 PROPOSED PERMIT BOUNDARY... —
- MINING PHASE BOUNDARIES - - -
- CROSS SECTIONS —
- PARCEL BOUNDARIES —
- TRANSMISSION LINE RW —
- EASEMENT RW —
- PAVED ROAD —
- STRUCTURES —

Map Description:

This map has been produced as part of a mine permit application. Contour lines were generated from a LIDAR data set produced by Terra Remote Sensing in July 2015. For this map, the lines have been modified to depict surface elevations as of November 1, 2018. Property boundaries were acquired from Cowichan Valley Regional District Geospatial Data Web Site.

Map History:

File: Fig 5 Proposed Final Extraction Plan.CDR
Final Version: March 20, 2019
Revisions:



BAMBERTON QUARRY
NOW 2019
Figure 6
Proposed 5 Year Mine Plan

0 100 200 m
UTM ZONE 10 / NAD 1983
SCALE: 1:4000
Contours: 1 metre intervals

Legend

- 2019 PROPOSED PERMIT BOUNDARY... —
- MINING PHASE BOUNDARIES - - -
- CROSS SECTIONS —
- PARCEL BOUNDARIES —
- TRANSMISSION LINE RW —
- EASEMENT RW —
- PAVED ROAD —
- STRUCTURES —

Map Description:

This map has been produced as part of a mine permit application. Contour lines were generated from a LIDAR data set produced by Terra Remote Sensing in July 2015. For this map, the lines have been modified to depict surface elevations as of November 1, 2018. Property boundaries were acquired from Cowichan Valley Regional District Geospatial Data Web Site.

Map History:

File: Fig 6 Proposed 5 Year Mine Plan.CDR
Final Version: April 28, 2019
Revisions:



BAMBERTON QUARRY
NOW 2019
Figure 7
Final Surface Water
Management Plan

0 100 200 m
UTM ZONE 10 / NAD 1983
SCALE: 1:4000
Contours: 1 metre intervals

Legend

- 2019 PROPOSED PERMIT BOUNDARY... —
- MINING PHASE BOUNDARIES - - -
- PARCEL BOUNDARIES —
- TRANSMISSION LINE RW —
- EASEMENT RW - - -
- PAVED ROAD —
- STRUCTURES —

Map Description:

This map has been produced as part of a mine permit application. Contour lines were generated from a LIDAR data set produced by Terra Remote Sensing in July 2015. For this map, the lines have been modified to depict surface elevations as of November 1, 2018. Property boundaries were acquired from Cowichan Valley Regional District Geospatial Data Web Site.

Map History:

File: Fig 7 Final Surface Water Management Plan.CDR
Final Version: April 28, 2019
Revisions: