

Gravel Pits & Industrial Yards



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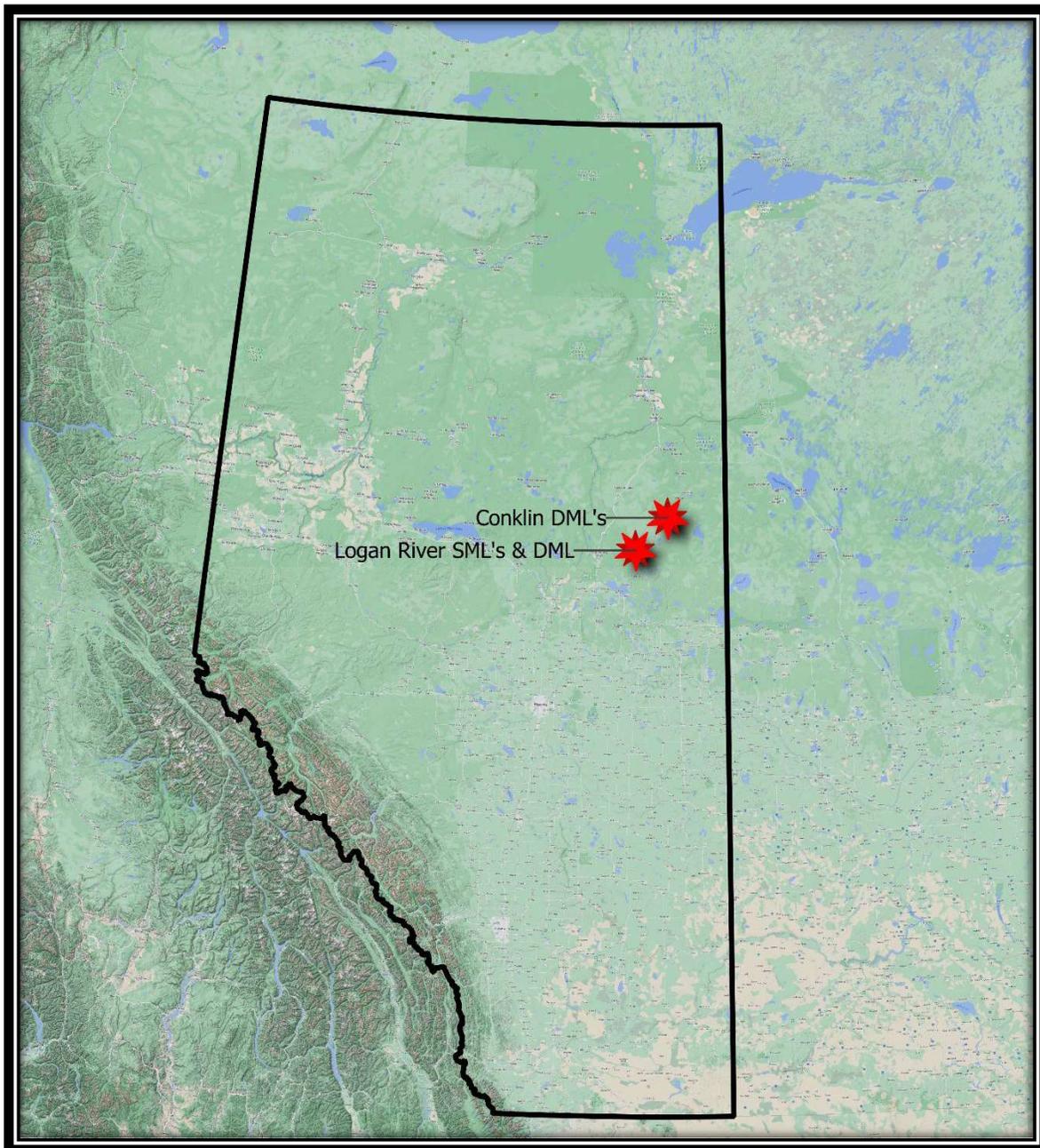
Appendix D

- Sieve Analysis

1.0 Location of Leased Land Parcels

The lands are located in NE Alberta. Two DML parcels are located Near Conklin Alberta, One DML is located SW of Conklin near the Logan River and the two SML's are also located SW of Conklin near the Logan River.

PARCEL	LAND LOCATION
SML 080012	S ½ Sec 03 Twp 73-12-W4 & NE ¼ Sec 34 Twp 72-12-W4
SML 080021	W ½, NE ¼ Sec 03 Twp 73-12-W4
DML 100162	NE ¼ Sec 03 Twp 73-12-W4
DML 090070	SE ¼ Sec 10 Twp 77-08-W4
DML 090076	SW ¼ Sec 11 Twp 77-08-W4
DLO 5197	Sections 21, 15, 10, 03 of Twp 73-12-W4



2.0 Property Description

The sale includes two gravel pits, three yards and one access road. Below are details of each parcel.

PARCEL	SIZE (ha)	DESCRIPTION	Development
SML 080012	33.20	Gravel Pit	Partial
SML 080021	29.81	Gravel Pit	Partial
DML 100162	1.80	Miscellaneous lease for work camp	Developed
DML 090070	8.04	Miscellaneous lease for work camp, office and industrial yard	Developed
DML 090076	6.55	Miscellaneous lease for an industrial storage yard	No Development
DLO 5197	6.5 km	Dept License of Occupation (Winter Access Road)	Developed

2.1 SML 080012

This lease is partly developed. Based on Exploration results and a recent Drone aerial survey, there is a calculated Pit-Run inventory of 934,877 tonnes.

2.2 SML 080021

This lease is also partly developed. Based on Exploration results and a recent Drone aerial survey, there is a calculated Pit-Run inventory of 1,288,861 tonnes.

2.3 DML 100162

This lease is a miscellaneous lease that was developed to facilitate a work camp near the gravel pits for the operations of the pit. Is this is mostly developed. A portion remains treed but could be expanded to its outer limits for more space.

2.4 DML 090070

This DML is located near Conklin and if fully developed. The site was constructed for a work camp, office and staging yard for equipment, supplies and gravel inventory. The site is fenced, has power service, and front area gravelled. There is a stockpile remaining with 20,300 Tonnes of 3" minus crush gravel.

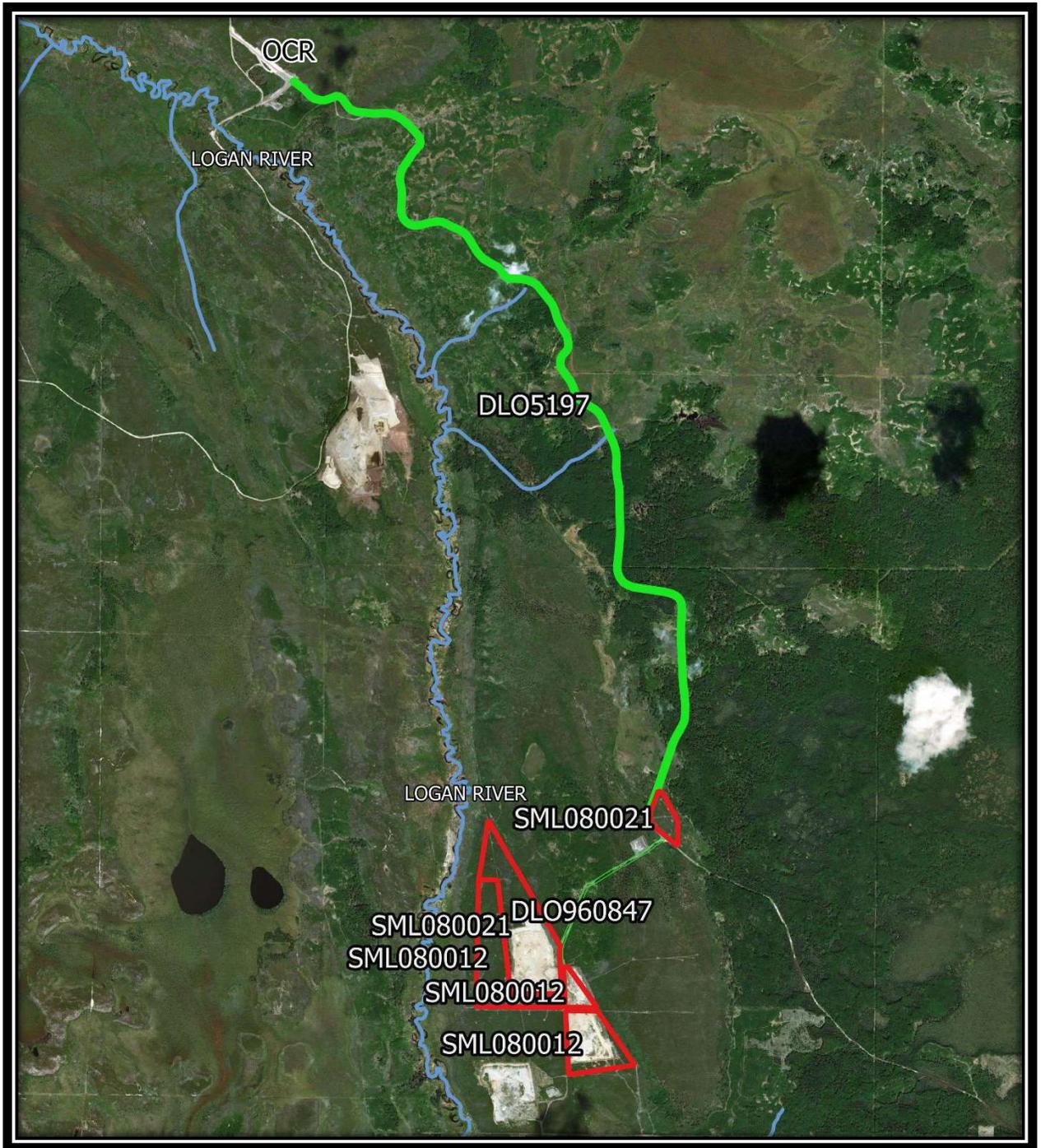
~~2.5 DML 090076~~

~~This SML is located adjacent to DML 090070. It was acquired for additional space for future expansion. The site has not been developed and is currently fully treed however is ready for development.~~

2.6 DLO 5197

This access connects the OCR (Old Conklin Road) to SML 080012, 080021 and DML 100162. The access is fully developed as a winter. This road follows mostly high ground but has some wet area and drainage crossings. The total road length is 6.5km. Note that there is 1.4 km of DLO 960847 owned by the Lac La Biche County that is required to access the main parcels of both SML's.

2.0.1 Logan River Parcels Reference Map



2.0.2 Conklin Parcel Reference Map



3.0 Inventories

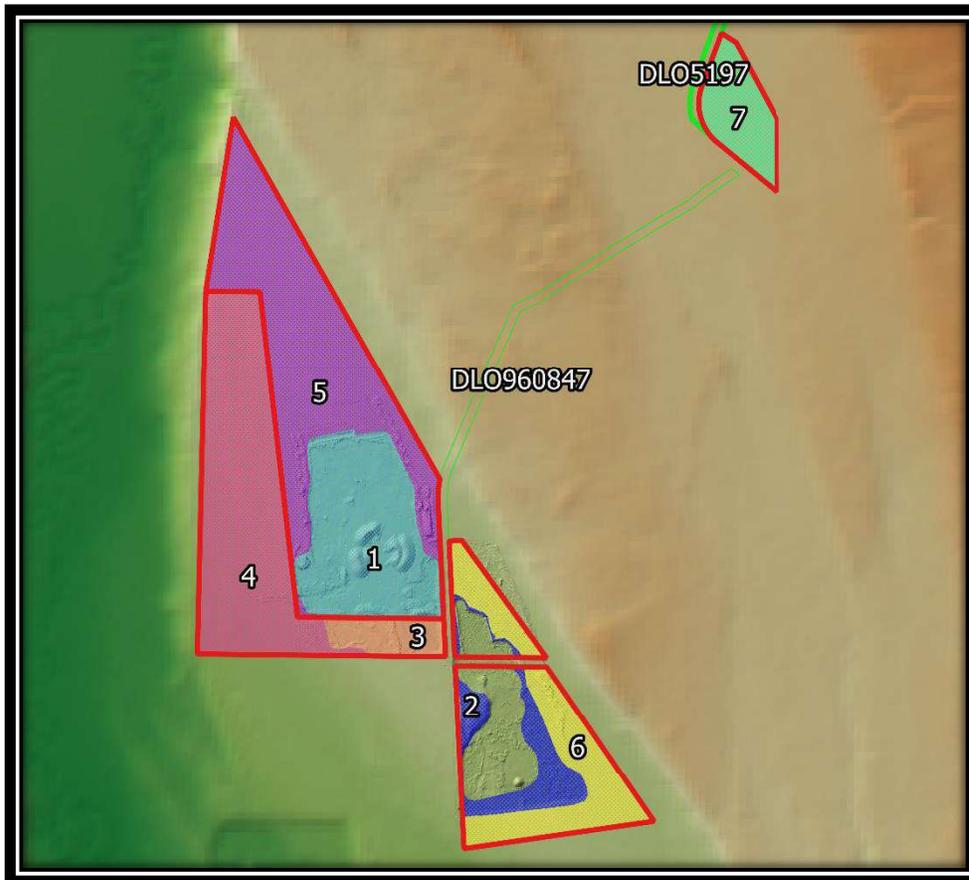
3.1 In Situ Pit-Run Inventory

Parcel #	Description	Volume (m3)	Tonnes (1.63 Conversion)	Area (ha)	Avg Thickness (m)
1	SL 080021 W Parcel Partly Mined	271,569*	442,657	10.3	2.6
2	SL 080012 E Parcel Mined	50,350*	82,070	3.5	1.1
3	SL 080012 W Parcel Partly Mined	40,137*	65,423	1.9	2.0
4	SL 080012 W Parcel No Mining	311,655	507,998	14.9	2.1
5	SL 080021 W Parcel No Mining	404,318	659,039	16.0	2.5
6	SL 080012 E Parcel No Mining	171,400	279,382	7.2	2.6
7	SL 080021 NE Parcel No Mining	114,825	187,165	3.5	3.3
TOTALS		1,364,256	2,223,738	57.4	2.5

. * Estimated only, could be verified by testing.

3.1.1 Pit-Run Parcel Map

See Figure 4 in Appendix A for more details.



3.2 Stockpile Inventories

Stockpile inventory exists in both SML's and at DML 090070 in Conklin. The table below

PILE #	MATERIAL	Vol (m3)	Conversion	Tonnes
1	3" minus	24,105	1.63	39,291
2	3" minus	17,435	1.63	28,419
3	0.75" Crush	11,331	1.63	18,470
4	1.5" Crush	1,294	1.63	2,109
5	3" minus	963	1.63	1,570
Conklin Yard	3" minus	12,454	1.63	20,300
Totals		67,583	1.63	110,160

3.2.1 Stockpile Inventory Map



Appendix A

- Figure 1 Overview Map
- Figure 2 Exploration Plan
- Figure 3a Cross Sections A, B, C
- Figure 3b Cross Sections D, E, F
- Figure 4 Volume Parcel Map
- Figure 5 Stockpile Volumes



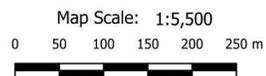
Figure 4

Overview Map

Within: Sec 03 Twp 73-12-W4M
NE Sec 03 Twp 72-12-W4M

LEGEND

- SML 080021 Boundary
- SML 080012 Boundary
- DML 100162
- DLO Access



Project No. SML 080012, 080021	Version Time: 10:28
Completed By: Normand Menard	Date: August 23, 2022
Revision:	Date:

Prepared By:



Figure 2

Exploration Plan

Within: Sec 03 Twp.73-12-W4M
NE Sec 03 Twp.72-12-W4M

Legend



SML 080012 Boundary



SML 080021 Boundary



Quarters



Existing Extraction Footprint



Cross Sections

Test Holes (Pit-Run Depth (m))

0 - 1

1 - 2

2 - 3

3 - 4

4 +



0.4 — OB Depth
3.1 — Gravel Depth

Spatial Reference
NAD83 / UTM zone 12N
Projection: Transverse MercatorNAD83 / UTM zone 12N

0 50 100 150 200 250 m



Map Scale:
1:6,500

Project Name: Logan River Pits

Project No.: SML 080012,
SML 080021

Version Time: 10:02

Completed By: Normand
Menard

Date: August 23,
2022

Revision: _____ Date: _____

Prepared By: _____

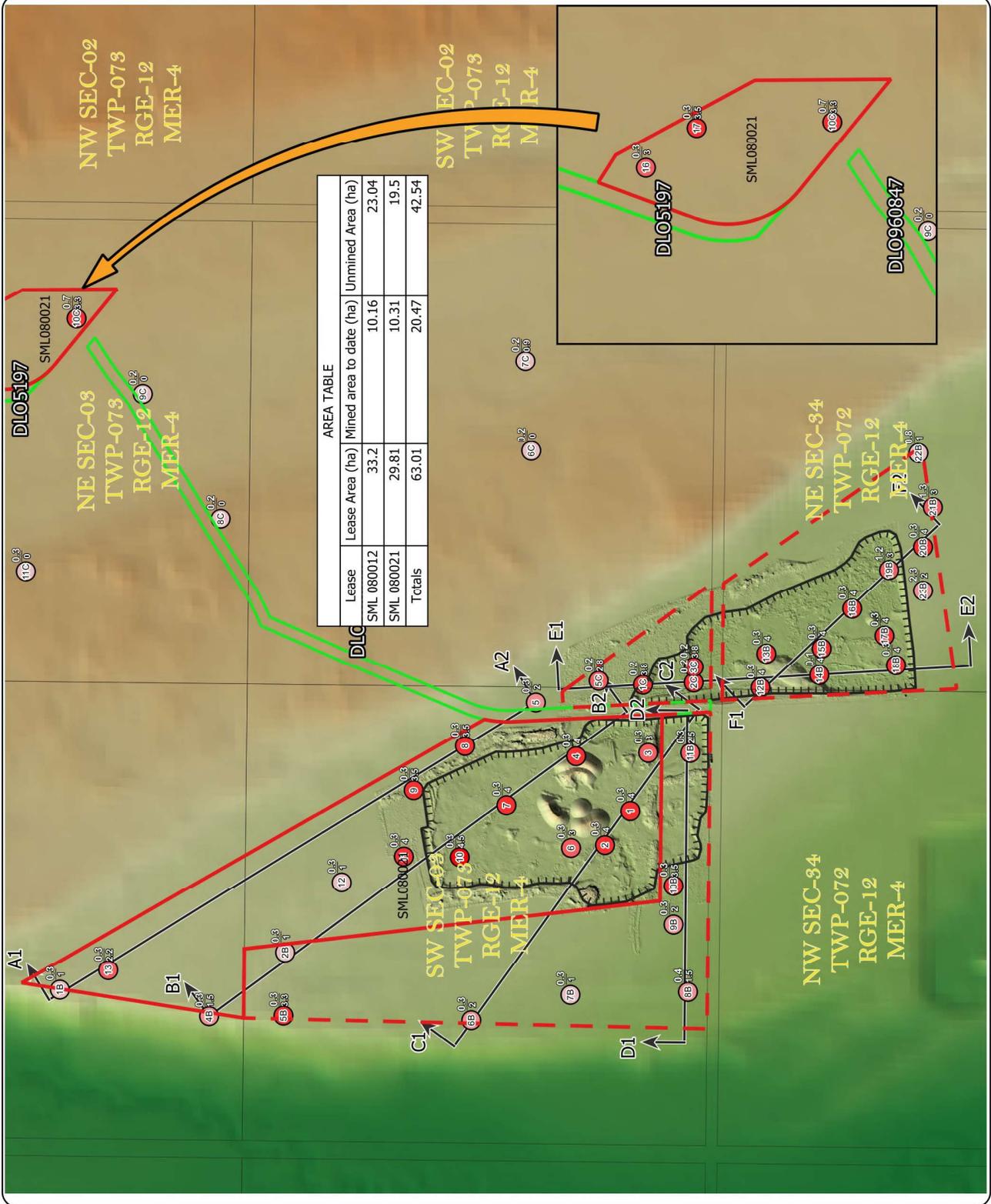
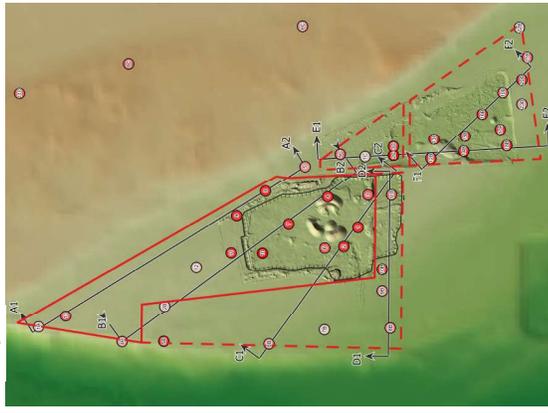


Figure 3a

Cross Sections A, B, C

Within: Sec 03 Twp 73-12-W4M
NE Sec 03 Twp 72-12-W4M



Project Name: Logan River Pits

Project No: SML 080012, 08S0021

Version Time: 08:13

Completed By: Normand

Date: August 19, 2022

Revision:

Date:

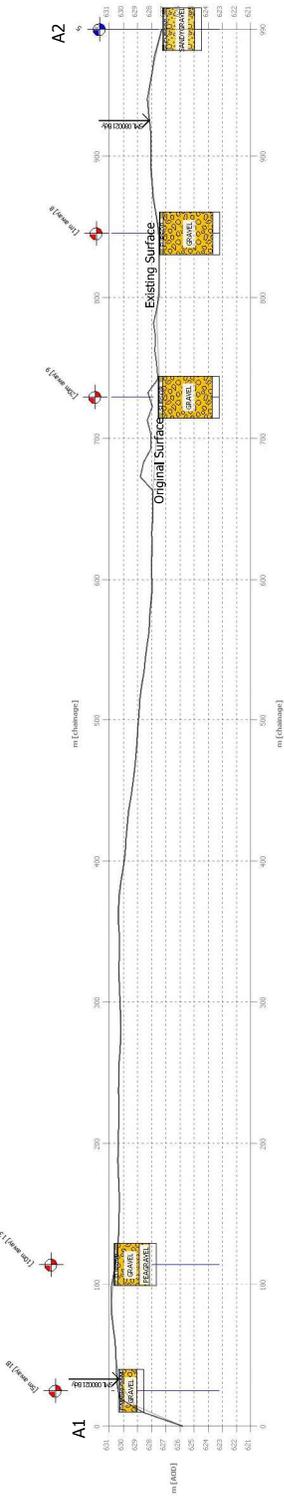
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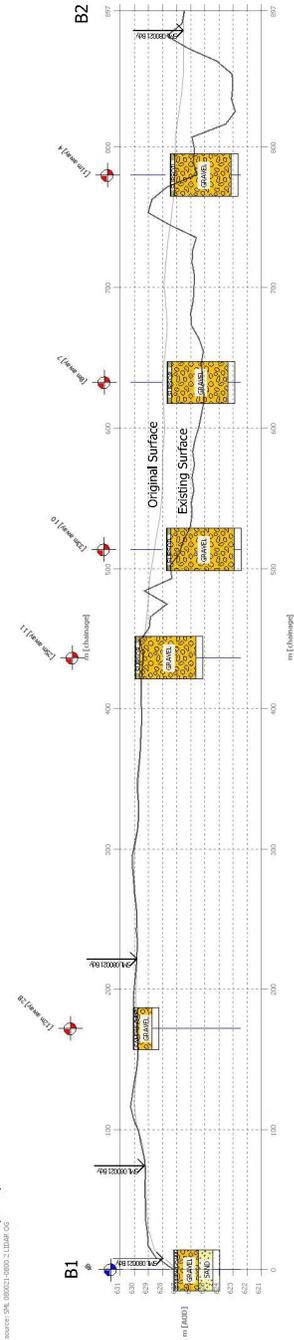
Prepared



Cross-Section A: Vertical scale: 1:100 (DEFAULT)
Profile source: SML 080012/080021/LOGAN_OG



Cross-Section B: Vertical scale: 1:100 (DEFAULT)
Profile source: SML 080012/080021/LOGAN_OG



Cross-Section C: Vertical scale: 1:100 (DEFAULT)
Profile source: SML 080012/080021/LOGAN_OG

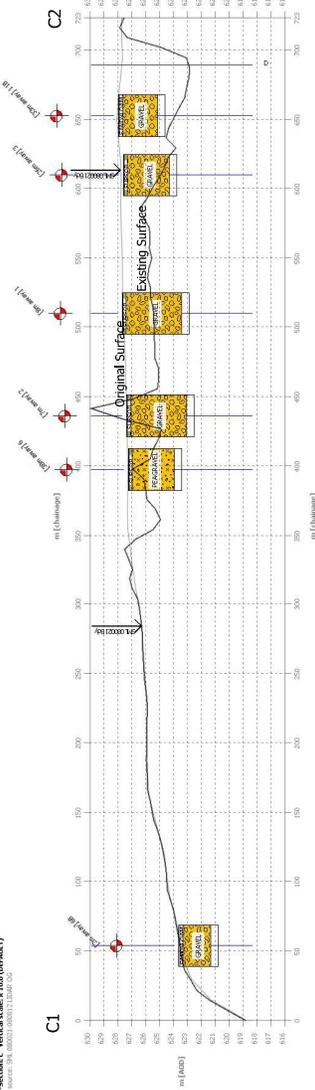
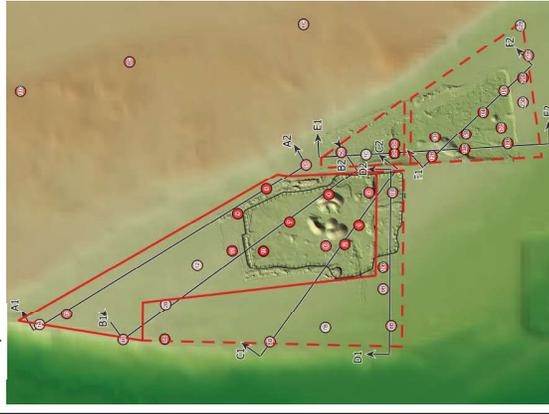


Figure 3b

Cross Sections D, E, F

Within: Sec 03 Twp 73-12-W4M
NE Sec 03 Twp 72-12-W4M



Project Name: Logan River Pits

Project No.: SML 080012,

Version Time: 08:22

Completed By: Normand

Date: August 19,

Revision:

Date:

Plot Size (inches):

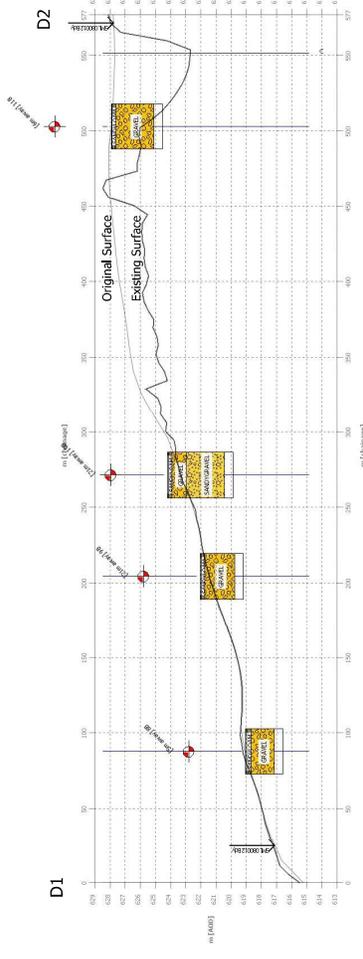
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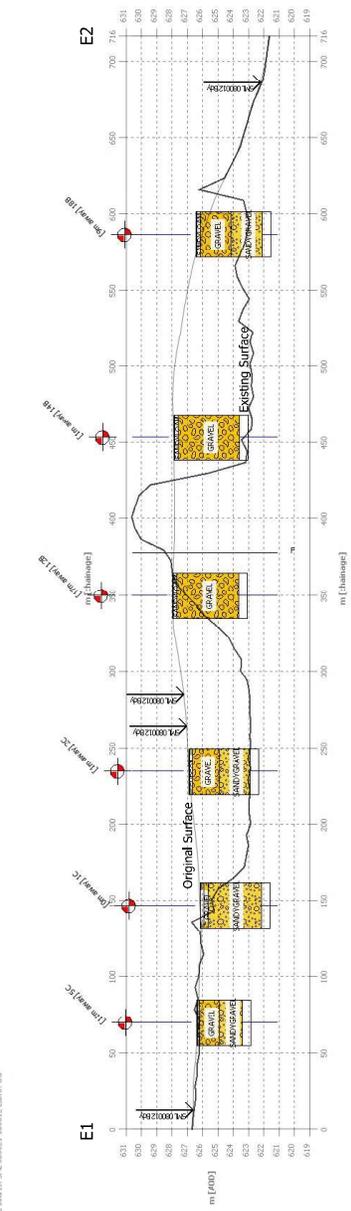
Prepared



Cross-Section D Vertical scale: 1:10 (OFFSCALE)
Profile Source: SML 080012 (SML 080012.DWG)



Cross-Section E Vertical scale: 1:10 (OFFSCALE)
Profile Source: SML 080012 (SML 080012.DWG)



Cross-Section F Vertical scale: 1:10 (OFFSCALE)
Profile Source: SML 080012 (SML 080012.DWG)

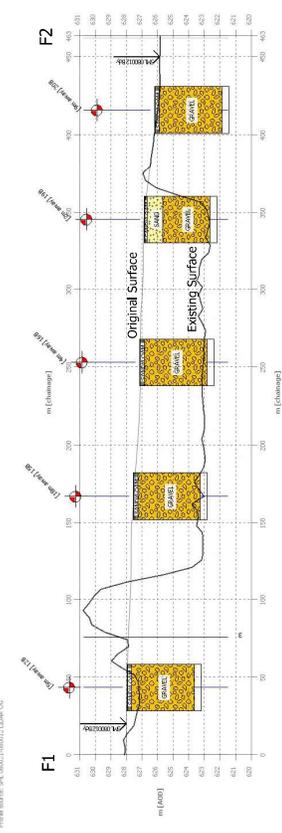


Figure 4

Volume Parcels

Within: Sec 03 Twp 73-12-W4M
NE Sec 03 Twp 72-12-W4M

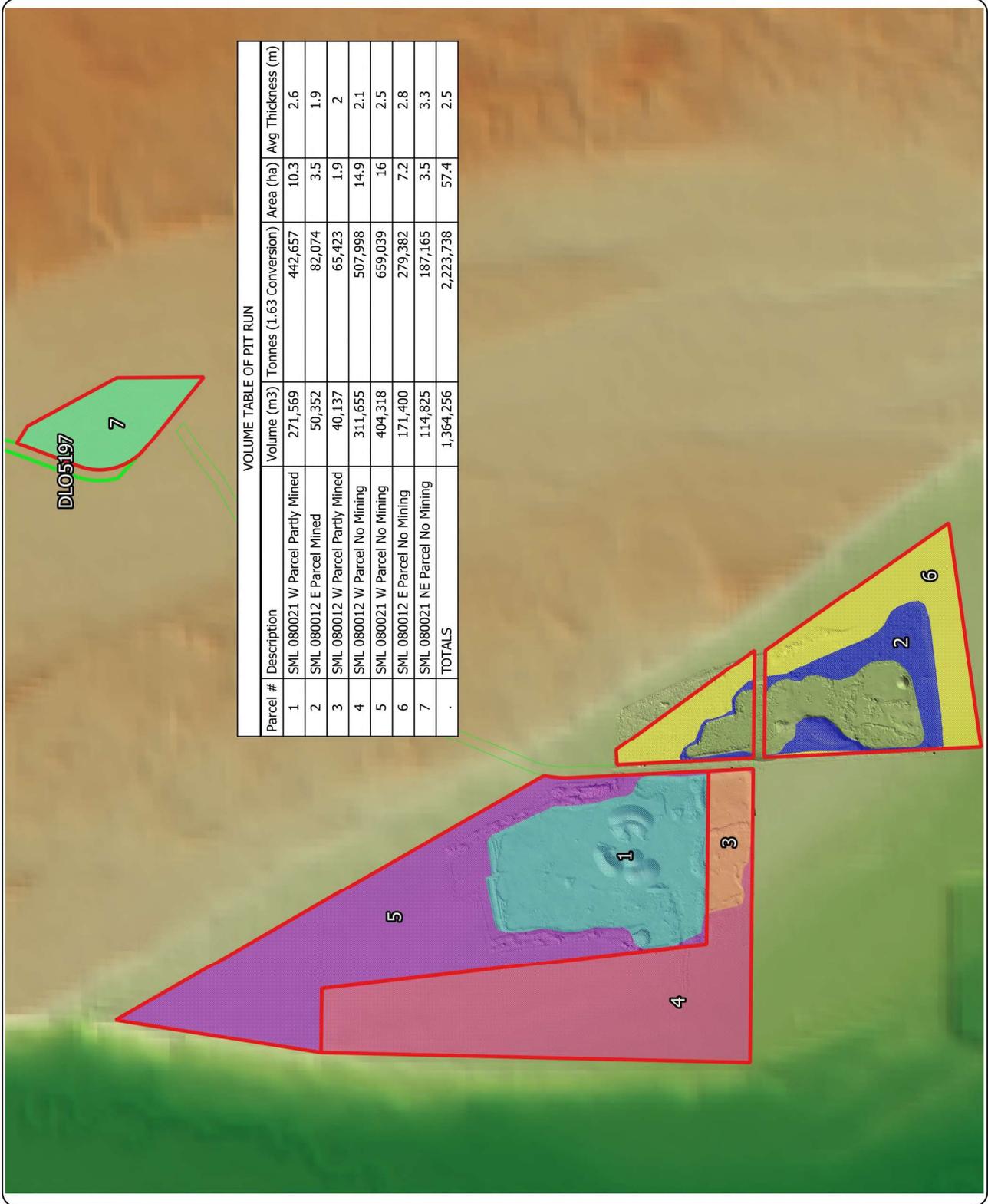
Legend



SML Boundary

SML Merged

- 1 SML 080021 W Parcel Partly Mined
- 2 SML 080012 E Parcel Mined
- 3 SML 080012 W Parcel Partly Mined
- 4 SML 080012 W Parcel No Mining
- 5 SML 080021 W Parcel No Mining
- 6 SML 080012 E Parcel No Mining
- 7 SML 080021 NE Parcel No Mining



Spatial Reference
NAD83 / UTM zone 12N
Projection: Transverse Mercator/NAD83 / UTM zone 12N



0 50 100 150 200 250 m



Map Scale:
1:7,000

Project Name: Logan River Pits

Project No: SML 080012,
080021

Version Time: 08:24

Completed By: Normand
Menard

Date: August 23,
2022

Revision: Date:

Prepared By:

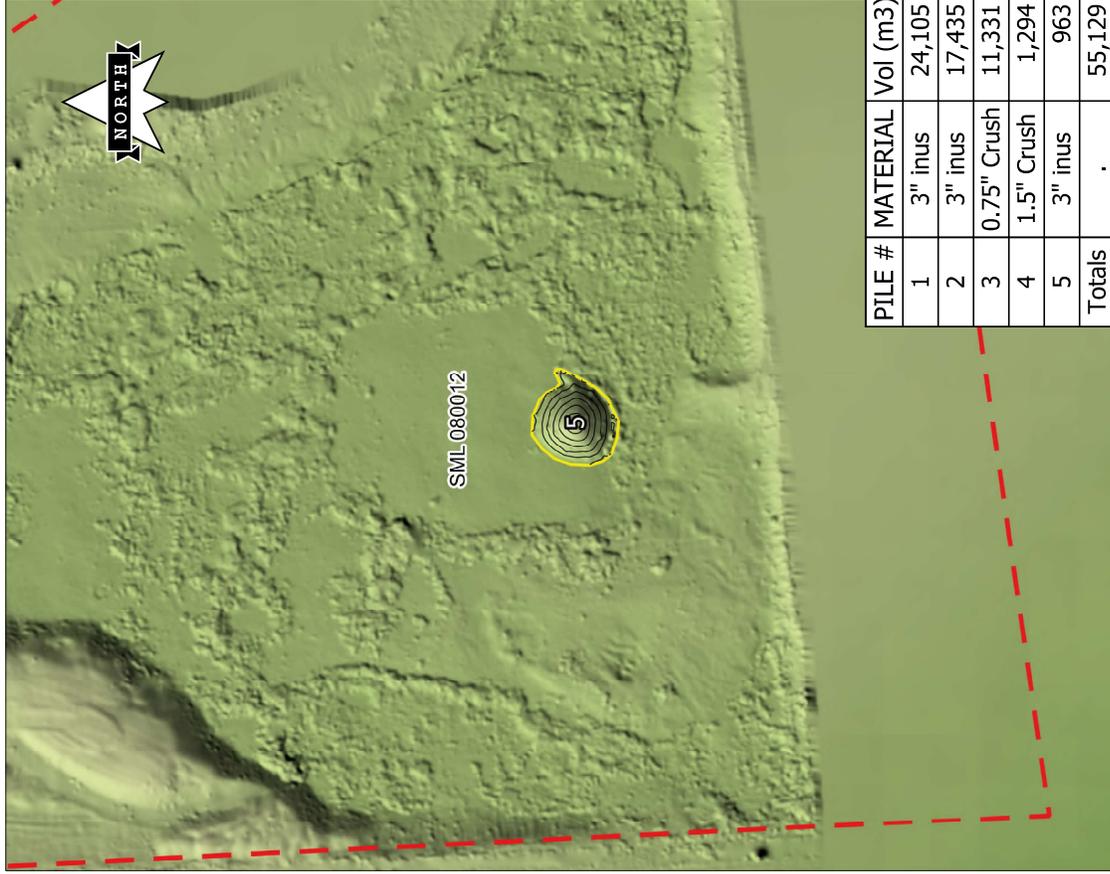


FIGURE 5

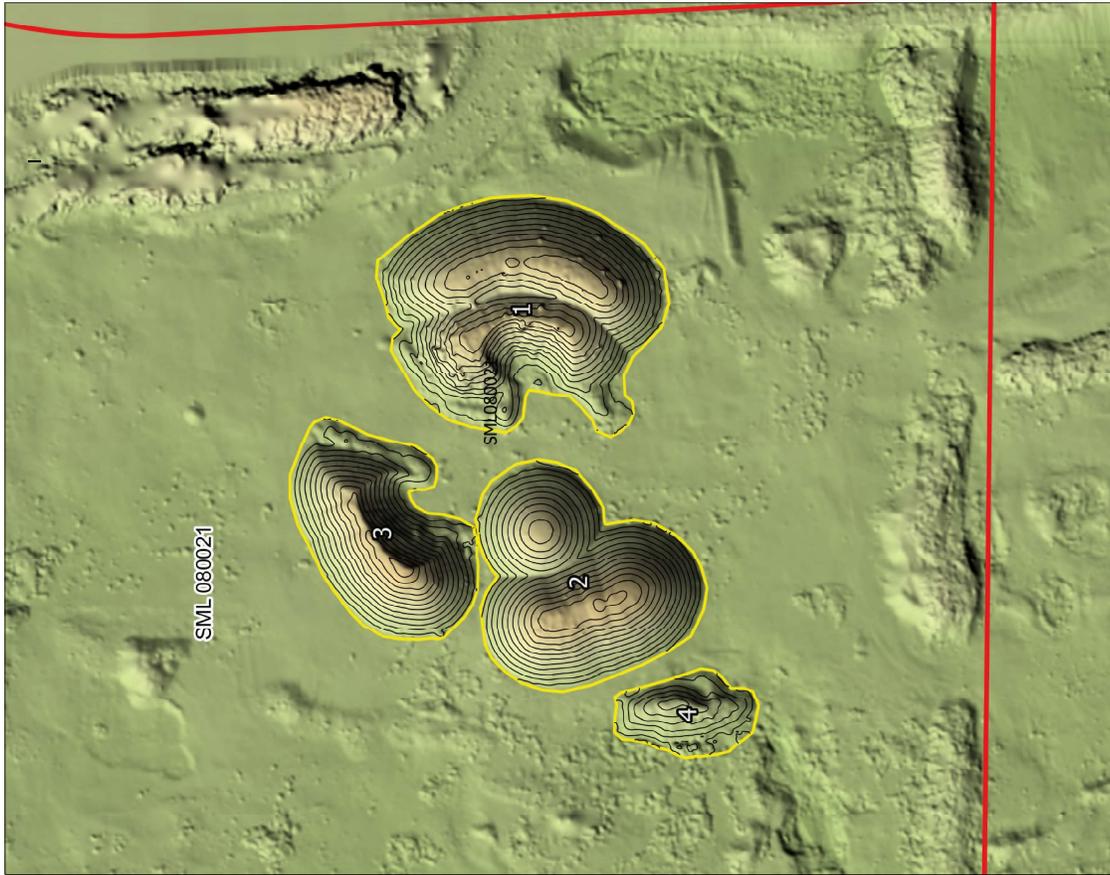
LEGEND

-  SML 080012 Boundary
-  SML 080021 Boundary
-  Stockpiles
-  Stockpile Contours

Note: Volumes reported for piles are subject to some error due to assumptions of bottom surface. Upland has no control over this parameter and cannot make a determination of the exact amount of error.



PILE #	MATERIAL	Vol (m3)	Conversion	Tonnes
1	3" inus	24,105	1.63	39,291
2	3" inus	17,435	1.63	28,419
3	0.75" Crush	11,331	1.63	18,470
4	1.5" Crush	1,294	1.63	2,109
5	3" inus	963	1.63	1,570
Totals	.	55,129	.	89,860



NOTES:
 Project Site Flown By Drone on a Grid & Photographed
 Project Site Flown By Drone on a Grid & Photographed
 from PPK GPS Photo Positions and processed through
 Photogrammetry Software.
 All photo positions reference Base Station Coordinates
 collected from NRCan Precise Point Positioning
 Volume Calculated from Stockpile toe Elevations.



Plan Scale: 1:1,500	COORDINATE SYSTEM	DATUM	SURVEY DATE	SURVEYED & DRAFTED
Orthophoto Resolution Ground Sampling Distance 2.87 cm	UTM Zone 12	Nad 83	August 17, 2022	Normand Menard RPFT C.Tech (Eng)
	DATA ACQUISITION	GEOID MODEL	PLAN DATE	Details: Flown with DJI M200 100m above ground
	UAV Imagery	CGVD28 - HT2_0	August 22, 2022	LOGAN RIVER PITS Within: Sec 03 Twp 73-12-W4M NE Sec 03 Twp 72-12-W4M