

Station: AJB01-047

Extraction Site			
Pit Name:	Lang Bay	Type:	Pit
Notice of Work:	G-8-68	Status:	Active
Operator:	Lang Bay Aggregates Ltd.	Reclamation	n/a
Location:	North side of Dixon Rd		
UTM (NAD 83)		Approximate Dimensions	
Easting:	404123 m	Width:	177 m
Northing:	5516752 m	Length:	383 m
Elevation:	180 m	Height:	36 m
BCGS Map:	92F.079	Volume:	2440476 m ³
Landform:	Raised Delta		
Mined Material:	Glaciofluvial	Number of Units:	3

Unit Number:

1

Thickness:

10 m

Basal Contact:

Sharp, erosional

Clast Size

Clast Roundness

Minimum:

0.2 cm

Range:

Round to subangular

Maximum:

25 cm

Mean:

Subround

Mean:

5 cm

Grain Size Distribution

Clay/Silt:

0 %

Sorting:

Moderate

Sand:

80 %

Stratification:

Well

Pebble:

15 %

Cobble:

5 %

Boulder:

< 1 %

Lithology

Felsic Intrusives-60

%

Mafic Intrusives-20

%

Mafix extrusives-10

%

Other-10

%

Unit Number:	2	Station:	AJB01-047
Thickness:	<input type="text" value="5"/> m	Basal Contact:	<input type="text" value="Sharp, erosive"/>
Clast Size		Clast Roundness	
Minimum:	<input type="text" value="7"/> cm	Range:	<input type="text" value="Round to subround"/>
Maximum:	<input type="text" value="55"/> cm	Mean:	<input type="text" value="Round"/>
Mean:	<input type="text" value="20"/> cm		
Grain Size Distribution			
Clay/Silt:	<input type="text" value="0"/> %	Sorting:	<input type="text" value="Very Well"/>
Sand:	<input type="text" value="5"/> %	Stratification:	<input type="text" value="Very Poor"/>
Pebble:	<input type="text" value="0"/> %		
Cobble:	<input type="text" value="5"/> %		
Boulder:	<input type="text" value="90"/> %		
Lithology			
Granodiorite - 99	%		
Other - 1	%		

Unit Number:	3	Basal Contact:	<input type="text" value="Indeterminate"/>
Thickness:	<input type="text" value=" > 26"/> m	Clast Roundness	
Clast Size		Range:	<input type="text" value="Round to subangular"/>
Minimum:	<input type="text" value="0.2"/> cm	Mean:	<input type="text" value="Subround"/>
Maximum:	<input type="text" value="15"/> cm		
Mean:	<input type="text" value="3"/> cm		
Grain Size Distribution			
Clay/Silt:	<input type="text" value="0"/> %	Sorting:	<input type="text" value="Moderate to poor"/>
Sand:	<input type="text" value="35"/> %	Stratification:	<input type="text" value="Poor"/>
Pebble:	<input type="text" value="50"/> %		
Cobble:	<input type="text" value="15"/> %		
Boulder:	<input type="text" value="1"/> %		
Lithology			
Felsic Intrusives - 60	%		
Mafic Intrusives - 20	%		
Mafic Extrusives - 10	%		
Other - 10	%		