



275 – 3001 Wayburne Drive  
 Burnaby, BC V5G 4W3 Canada  
 T: 604.874.1245 • www.exp.com

March 13, 2018

Can Lava Mining Corp.  
 5525 272 St Unit B140  
 Langley, B.C., V4W 1P1

Email: [bill@canlava.com](mailto:bill@canlava.com)

**Attention: Mr. Bill Ward**

**Project No.: VAN-00222867-03**  
**Subject: Vesicular Basalt**  
**Material Source: Nazko, BC**

Dear Sir:

**Exp** Services Inc. (**exp**) was requested to perform laboratory testing of Vesicular Basalt from Nazko, BC. The material was sampled by the client and shipped to our Burnaby laboratory on March 06, 2018. The laboratory test results are as follows:

**1.0 Dry Unit Weight (ASTM C29)**

Sample ID	Test Method	Dry Unit Weight (kg/m <sup>3</sup> )	Dry Unit Weight (lb/yd <sup>3</sup> )
Vesicular Basalt	Jigging	808	1362
Vesicular Basalt	Shoveling (loose)	704	1187

**2.0 Moisture Content (ASTM D2216)**

The moisture content was determined to be 10.9%.

**3.0 Sieve Analysis (ASTM C136)**

GRAVEL SIZES			PERCENT PASSING	GRADATION LIMITS	SAND SIZES AND FINES			PERCENT PASSING	GRADATION LIMITS
3"	75	mm	100.0		No. 4	4.75	mm	3.2	
2"	50	mm							
1 1/2"	37.5	mm			40.7				
1"	25	mm			4.9				
3/4"	19	mm			3.8				
1/2"	12.5	mm			3.6				
3/8"	9.5	mm			3.5				
					No. 50	300	µm	1.7	
					No. 100	150	µm	1.1	
					No. 200	75	µm	0.6	

\*Please see attached sieve.

Should you have any questions or concerns, please contact the undersigned.

Sincerely,

**exp** Services Inc.



Tyson Gash, CCIL Certified  
Laboratory Supervisor, Materials

**Reviewed by:**



Kevin Bowyer, CTech  
Assistant Manager, Materials





exp Services Inc.  
275-3001 Wayburne Drive  
Burnaby, BC V5G 4W3  
604-874-1245

Kamloops Branch  
250-372-5321



CERTIFIED TESTING  
LABORATORY

**SIEVE ANALYSIS REPORT**  
**8 16 30 50 SERIES**

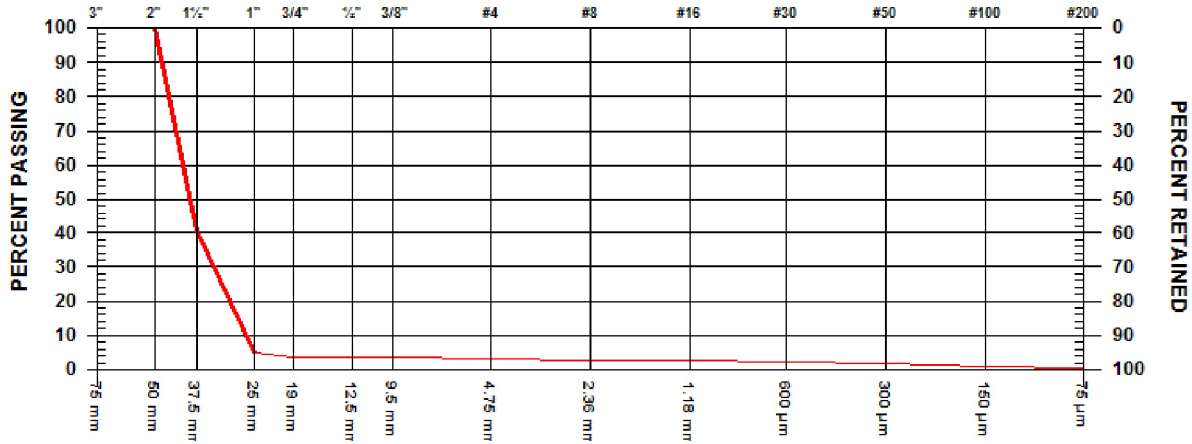
PROJECT NO. 002-22867-3  
CLIENT CAN LAVA MINING CORP.  
C.C.

TO  
CAN LAVA MINING CORP.  
BC  
ATTN: MR. KEN WAWRYK

PROJECT 2018 MATERIALS TESTING  
CONTRACTOR

SIEVE TEST NO. 1 DATE RECEIVED Mar 06, 2018 DATE TESTED Mar 08, 2018 DATE SAMPLED Mar 06, 2018

SUPPLIER CANLAVA MINING CORP.      SAMPLED BY CLIENT  
SOURCE NAZKO PIT, BC      TESTED BY L. JEAN, ASCT  
SPECIFICATION      TEST METHOD WASHED  
MATERIAL TYPE VESICULAR BASALT



GRAVEL SIZES	PERCENT PASSING	GRADATION LIMITS
3" 75 mm		
2" 50 mm	100.0	
1 1/2" 37.5 mm	40.7	
1" 25 mm	4.9	
3/4" 19 mm	3.8	
1/2" 12.5 mm	3.6	
3/8" 9.5 mm	3.5	

SAND SIZES AND FINES	PERCENT PASSING	GRADATION LIMITS
No. 4 4.75 mm	3.2	
No. 8 2.36 mm	2.9	
No. 16 1.18 mm	2.6	
No. 30 600 µm	2.2	
No. 50 300 µm	1.7	
No. 100 150 µm	1.1	
No. 200 75 µm	0.6	

COMMENTS  
TEST METHOD: ASTM C136.