



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

July 06, 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. 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 June 29, 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	834	1406
Vesicular Basalt	Shoveling (loose)	713	1202

**2.0 Dry Sieve Analysis (ASTM C136) & Moisture Content (ASTM D2216)**

The moisture content was determined to be 0.1%. \*Please see attached Sieve (ASTM C136).

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, RTMgr (P)  
 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**

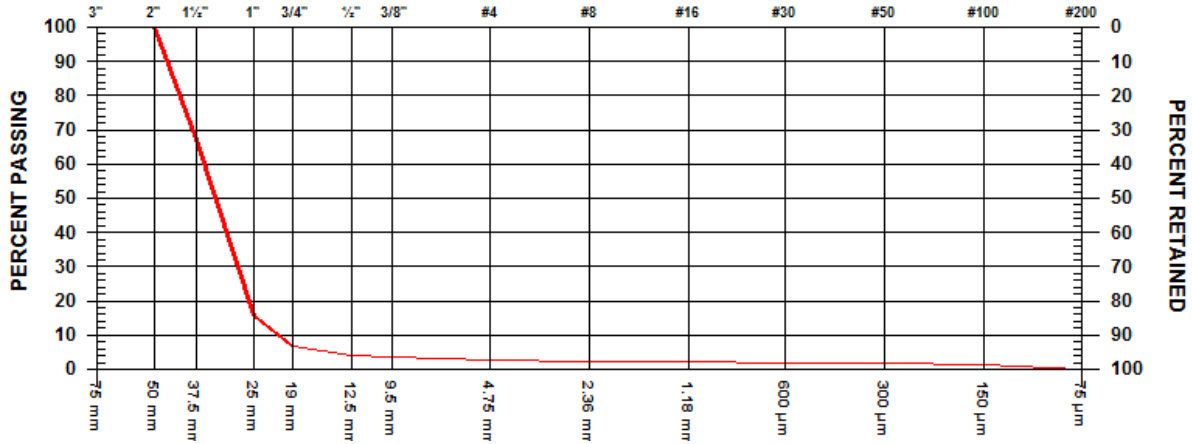
PROJECT NO. 002-22867-3  
CLIENT CAN LAVA MINING CORP.  
C.C.

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

PROJECT 2018 MATERIALS TESTING  
CONTRACTOR

SIEVE TEST NO. 2      DATE RECEIVED Jun 29, 2018      DATE TESTED Jul 06, 2018      DATE SAMPLED Jun 29, 2018

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



GRAVEL SIZES	PERCENT PASSING	GRADATION LIMITS
3" 75 mm		
2" 50 mm	100.0	
1 1/2" 37.5 mm	67.1	
1" 25 mm	15.9	
3/4" 19 mm	6.6	
1/2" 12.5 mm	4.0	
3/8" 9.5 mm	3.4	

SAND SIZES AND FINES	PERCENT PASSING	GRADATION LIMITS
No. 4 4.75 mm	2.8	
No. 8 2.36 mm	2.4	
No. 16 1.18 mm	2.1	
No. 30 600 µm	1.9	
No. 50 300 µm	1.6	
No. 100 150 µm	1.2	
No. 200 75 µm	0.2	

COMMENTS  
TEST METHOD: ASTM C136.

Reporting of these test results constitutes a testing service only. Engineering interpretation or evaluation of test results is provided only on written request.

