

Contractor: Hy-Tech Drilling  
 Location: Krakatoa Pit  
 Coordinates: 414,976 E , 6,814,702 N  
 Coordinate System: UTM09 NAD83  
 Hole Size HQ3

**Drillhole No.:** MW16-15D  
 Drill Type: Tech 5000 Diamond Drill  
 Total Length: 42.2m  
 Elevation: 1402 m  
 Inclination: -90

Page: 1 of 2  
 Date Started: 04 Jul 16  
 Date Completed: 05 Jul 16  
 Logged by: [REDACTED]  
 Reviewed by: [REDACTED]

DEPTH - (m)	ELEVATION - (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	RUN RECOVERY (%)	SAMPLE NO.	SAMPLE REC. (%)	SAMPLE TYPE	UCS BLOW COUNTS (PER 6")	SPT 'N' VALUE	KEY ROCK MASS PARAMETERS				INSTRUMENTATION / WELL DETAILS	DRILLING NOTES
										SPT TEST 'N' VALUES - X					
										20	40	60	80		
			<b>TOPSOIL (OVBN)</b> (0 to 0.1 m) Sandy SILT, some gravel, well graded, dark brown, loose, massive, moist, containing sticks and roots. (Topsoil)		SPT-01	73	X	9/50+	R						
			<b>SILT AND SAND (OVBN)</b> (0.1 to 3.7 m) SILT and SAND, some gravel, trace cobbles and boulders, fine to coarse grained, well graded, medium brown, compact, laminated, wet.		SPT-02	29	X	20/21/34	55						
			<b>SILTY, GRAVELLY SAND (OVBN)</b> (3.7 to 5.7 m) Silty, gravelly SAND, fine to coarse grained, angular, well graded, low plasticity, medium greyish brown, loose, massive, wet to saturated.		SPT-03	83	X	8/13/10	23						
			<b>STRINGER &amp; DISSEMINATED SULPHIDE (OI)</b> (5.7 to 6.2 m) Light to medium brownish grey, fine to medium grained, foliated. Medium strong, moderately fractured, slightly to moderately weathered. Heavily disseminated sulphides. With clay and iron oxide on fractures.		SPT-04	10	X	8/3/2	5						
			<b>VOLCANICLASTIC RHYOLITE (RHVY)</b> (6.2 to 17 m) Light to dark greenish grey, fine to medium grained, foliated, strong to very strong, moderately to highly fractured, fresh to slightly weathered. With calcite and pyrite veinlets, clay infill on fractures.		SPT-05	95	X	4/2/1	3						
				100				40							
				79				110							
				99				150							
				100	UCS-381-01			75							
				77				75							
				96				75							
				83	UCS-381-02			110							
				89				110							
				88				110							
				70				150							
				94				75							
				60				75							
				40				0.5							
				89				75							
				98				110							
				91				110							
				91				150							

10.2 - 18.2 m: Constant Head Test - K = 4E-07 m/s

16.2 - 27.2 m: Constant Head Test - K = 5E-07 m/s

**GENERAL REMARKS:**

Installed 1.25" monitoring well with 6 m screen. Completion zone from 28.8 - 36.6 m.

**BMC MINERALS (NO.1) LTD.  
KUDZ ZE KAYAH PROJECT**

**Knight Piésold  
CONSULTING**

Project No. [REDACTED] Ref. No. 1 Rev. 0

**FIGURE B1-16**

Contractor: Hy-Tech Drilling  
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DEPTH - (m)	ELEVATION - (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	RUN RECOVERY (%)	SAMPLE NO.	SAMPLE REC. (%)	SAMPLE TYPE	UCS	BLOW COUNTS (PER 6")	SPT 'N' VALUE	KEY ROCK MASS PARAMETERS				INSTRUMENTATION / WELL DETAILS	DRILLING NOTES	
											SPT TEST 'N' VALUES - X						
											---	---	---	---			
1375			<b>VOLCANICLASTIC RHYOLITE (RHYV)</b> (24.2 to 28.2 m) Light greenish grey, fine to medium grained, foliated, strong to very strong, moderately fractured, fresh, Quartz-rich, weakly magnetic, with veined and disseminated sulphides. Minor dissolution features throughout.	100				75									
				100				110									
				100				90									
30			<b>RHYOLITE TUFF MUDSTONE (MDST)</b> (28.2 to 35.8 m) Medium to dark grey, fine to coarse grained, foliated, strong, moderately fractured, fresh, Rhyolite tuff-dominant mudstone with veined and disseminated sulphides. Quartz rich, weakly magnetic.	67				65									
				100				90									
				102				90									
1370				100				90									
				100				90									
35				59				0.5									
				100				90									
				99				70									
1365			<b>VOLCANICLASTIC RHYOLITE (RHYV)</b> (35.8 to 42.2 m) Light grey, fine to medium grained, foliated, strong, minor fracturing, fresh, no infill. With quartz and calcite veinlets and disseminated sulphides.	100				80									
				100				120									
40				100				90									
				100				90									
1360			End of Drillhole: 42.2 m Reached TD														
45																	
1355																	

27.2 - 42.2 m: Constant Head Test - K = 2E-06 m/s

**GENERAL REMARKS:**

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[REDACTED]	1	0

**FIGURE B1-16**

Logging conducted according to the ASTM 2488 standard and the Canadian Foundation Engineering Manual, 4th Edition, 2006.