

Contractor: Hy-Tech Drilling
 Location: Overburden Stockpile
 Coordinates: 415,395 E, 6,817,229 N
 Coordinate System: UTM09 NAD83
 Hole Size HQ3

Drillhole No.: MW16-16
 Drill Type: Tech 5000 Diamond Drill
 Total Length: 40.3m
 Elevation: 1393 m
 Inclination: -90

Page: 1 of 2
 Date Started: 18 Jul 16
 Date Completed: 19 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					
										---	---	---	---		
			SILTY SAND (OVBN) (0 to 1.8 m) Silty SAND, some gravel, fine to medium grained, moderately well graded, medium brown, compact, massive, moist.		SPT-01	45	X	2/4/3	7	X					
			SANDY GRAVEL (OVBN) (1.8 to 3.3 m) Sandy GRAVEL, some silt, medium to coarse grained, angular, light brown, loose, massive, dry.		SPT-02	60	X	11/50+	R						
			GRAVELLY SILT (OVBN) (3.3 to 3.9 m) Gravelly SILT, some sand, angular, well graded, medium plasticity, medium brownish grey, stiff, massive, wet.		SPT-03	62	X	2/4/5	9	X					
			MAFIC VOLCANICLASTIC (MAFT) (3.9 to 12.7 m) Light to medium greenish grey with orangish brown, fine grained, foliated. Strong, moderately fractured, moderately weathered with iron oxide staining and clay infill. Dissolution features along fractures.	100											
				99	UCS-397-01										
				72											
				100											
				92											
				100											
				84											
			MUDSTONE (MDU) (12.7 to 16.6 m) Dark grey with white, fine grained, foliated. Carbonaceous mudstone with banded calcite. Medium strong to strong, moderately to highly fractured, moderately weathered with iron oxidation and dissolution along fractures.	43											
				100											
				98											
				100											
			MAFIC VOLCANICLASTIC (MAFT) (16.6 to 22.2 m) Light to medium grey, fine grained, foliated, strong to very strong, minor fracturing, fresh to slightly weathered with iron oxide staining and a few quartz veins. Minor dissolution along fractures.	100											
				100											
				100											
				100											
				100											
				100											
				92											

6.0 - 13.3 m: Constant Head Test - K = 1E-06 m/s

11.3 - 22.3 m: Constant Head Test - K = 4E-06 m/s

20.3 - 31.3 m: Constant Head Test - K = 1E-06 m/s

GENERAL REMARKS:

Installed 1.25" monitoring well with 6 m screen. Completion zone from 32.17-38.17 m

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

**Knight Piésold
CONSULTING**

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

FIGURE B1-18

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						
											---	---	---	---			
30	1365		MUDSTONE (MDU) (22.2 to 32.3 m) Dark grey with white, fine grained, foliated, medium strong to strong. Carbonaceous mudstone with banded calcite. Moderately to highly fractured, fresh to slightly weathered with iron oxide staining and minor dissolution. With quartz and calcite veinlets.	69				30									
				86				80									
				100				125									
				93				80									
				96				80									
35	1360		MAFIC VOLCANICLASTIC (MAFT) (32.3 to 35.4 m) Light greenish grey mafic tuff, fine grained, foliated, strong. Moderately fractured, fresh to slightly weathered with iron oxide staining and sulphide veinlets.	90				80									
				93				90									
				97				110									
				99				110									
40	1355		MUDSTONE (MDU) (35.4 to 40.3 m) Dark grey with white, fine grained, foliated, very strong. Carbonaceous mudstone with banded calcite. Moderately fractured, fresh, clay infill on some fractures. With quartz and sulphide veinlets.	83				110									
			End of Drillhole: 40.3 m Reached TD														
	1350																
45																	
	1345																

29.3 - 40.3 m: Constant Head Test - K = 3E-06 m/s

GENERAL REMARKS:

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FIGURE B1-18

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