

Contractor: Hy-Tech Drilling  
 Location: Class A Storage Facility  
 Coordinates: 414,011 E, 6,817,774 N  
 Coordinate System: UTM09 NAD83  
 Hole Size HQ3

Drillhole No.: MW16-13  
 Drill Type: Tech 5000 Diamond Drill  
 Total Length: 27.9m  
 Elevation: 1503 m  
 Inclination: -90

Page: 1 of 2  
 Date Started: 06 Jul 16  
 Date Completed: 07 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	KEY ROCK MASS PARAMETERS				INSTRUMENTATION / WELL DETAILS	DRILLING NOTES
									BLOW COUNTS (PER 6")	SPT 'N' VALUE	RQD	RMR		
									SPT TEST 'N' VALUES - X					
									20	40	60	80		
			<b>SILTY SAND (OVBN)</b> (0 to 1.1 m) Silty SAND, some gravel, fine to medium grained, moderately well graded, non-plastic, light to medium brownish grey, loose, massive, dry.		SPT-01	78	X	3/4/6	10	X				
				100				20						
				65				10						
			<b>MUDSTONE (MDU)</b> (1.1 to 5.1 m) Medium greyish green, fine to medium grained, foliated, weak, highly fissile, breaks along fabric, slightly weathered with iron oxide staining and dissolution vugs. Mica and chlorite-rich. Clay infill on some fractures.	102				15						
				103				15						
				100				30						
			<b>MAFIC VOLCANICLASTIC (MAFTA)</b> (5.1 to 5.7 m) Medium grey with white, fine grained, foliated, medium strong, highly fractured. Iron oxide along foliation and some clay infill. Slightly to moderately weathered.	97				30						
				99				40						
			<b>MUDSTONE (MDU)</b> (5.7 to 11 m) Light to dark grey, fine grained, foliated, medium strong to strong, moderately to highly fractured, breaks along foliation. With iron oxide staining and dissolution vugs. Quartz veinlets throughout. Weakly magnetic.	100				35						
				100				60						
			<b>MAFIC VOLCANICLASTIC (MAFTA)</b> (11 to 11.6 m) Medium to dark grey, fine grained, foliated, strong, moderately fractured, with iron oxide staining and dissolution vugs along foliation. With quartz veinlets.	92				45						
				97				40						
				100				60						
			<b>MUDSTONE (MDU)</b> (11.6 to 26.8 m) Medium to dark grey with white, fine grained, foliated, strong to very strong. Moderately to highly fractured, breaks along foliation. With quartz and pyrite veinlets and clay infill on some fractures.	99				110						
				92				110						
				100				150						
				92				60						
				100				10						
				100				60						
				85				60						
				90				40						
				95				110						
				97				60						
				100				20						

3.5 - 9.9 m: Constant Head Test - K = 5E-05 m/s  
 Lost circulation: Fracture zone with dissolution  
 7.9 - 18.9 m: Constant Head Test - K = 9E-08 m/s  
 16.9 - 27.9 m: Constant Head Test - K = 1E-07 m/s

**GENERAL REMARKS:**

Installed 1.25" monitoring well with 6 m screen. Completion zone from 27.0 - 19.1 m.

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



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

**FIGURE B1-13**

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

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										SPT TEST 'N' VALUES - X					
										20	40	60	80		
1475			<b>MAFIC INTRUSION (MAFI)</b> (26.8 to 27.9 m) Medium grey, fine grained, foliated, very strong. Iron oxidation on fractured, think quartz veinlets throughout. End of Drillhole: 27.9 m Reached TD	95				60							
				99				110							

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**BMC MINERALS (NO.1) LTD.  
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**Knight Piésold  
CONSULTING**

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**FIGURE B1-13**

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