

Contractor: Hy-Tech Drilling
 Location: Class B Storage Facility
 Coordinates: 415,278 E, 6,816,530 N
 Coordinate System: UTM09 NAD83
 Hole Size HQ3

Drillhole No.: MW16-12D
 Drill Type: Tech 5000 Diamond Drill
 Total Length: 28.2m
 Elevation: 1369 m
 Inclination: -90

Page: 1 of 2
 Date Started: 20 Jul 16
 Date Completed: 21 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					
										---	---	---	---		
0	1369		TOPSOIL (OVBN) (0 to 0.1 m) Dark brown, moist, containing sticks and roots. (Topsoil)		SPT-01	83	X	2/1/2	3	X					
0.1			CLAY (OVBN) (0.1 to 3.7 m) CLAY, some gravel, gap graded, low plasticity, brownish grey, organic scent, very soft to soft, massive, moist to wet.		SPT-02	18	X	1/2/2	4	X					
3.7			CLAY AND GRAVEL (OVBN) (3.7 to 7.2 m) CLAY and GRAVEL, some silt, well graded, grey, compact, massive, wet.		SPT-03	90	X	7/12/7	19	X					
7.2					SPT-04	20	X	7/9/11	20	X					
7.2					SPT-05	35	X	2/6/15	21	X					
7.2	1360		MAFIC VOLCANICLASTIC (MAFT) (7.2 to 13.1 m) Light to medium grey, fine grained, foliated, strong to very strong. Moderately fractured, fresh, trace clay infill. Biotite along foliation.	100					80						
8.7				87					80						
9.6				96	UCS-398-01				80						
10.0				100					110						
10.0				100					80						
13.1	1355		MUDSTONE (MDU) (13.1 to 14.6 m) Light to medium grey, fine grained, foliated, strong, moderately fractured. Fresh, with trace clay infill.	100					80						
14.6			MAFIC INTRUSION (MAFI) (14.6 to 21.2 m) Light to medium grey, fine grained, foliated, strong to very strong. Moderately fractured, fresh, with clay infill. Interbedded with carbonaceous mudstone. With sulphide and quartz veinlets.	100					110						
14.6				100					150						
14.6				100					80						
14.6	1350			100					90						
21.2			MUDSTONE (MDU) (21.2 to 26.2 m) Medium to dark grey, fine grained, foliated, strong. Moderately fractured, fresh, minor clay infill and dissolution vugs along fractures. Weakly magnetic, with disseminated sulphides.	100					80						
21.2				100					90						
21.2	1345			100					80						

8.2 - 19.2 m: Constant Head Test - K = 8E-06 m/s

17.2 - 28.2 m: Constant Head Test - K = 3E-06 m/s

GENERAL REMARKS:

Installed 1.25" monitoring well with 6 m screen. Completion zone from 21.0-27.0 m

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

**Knight Piésold
CONSULTING**

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

FIGURE B1-11

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

Contractor: Hy-Tech Drilling
 Location: Class B Storage Facility
 Coordinates: 415,278 E, 6,816,530 N
 Coordinate System: UTM09 NAD83
 Hole Size HQ3

Drillhole No.: MW16-12D
 Drill Type: Tech 5000 Diamond Drill
 Total Length: 28.2m
 Elevation: 1369 m
 Inclination: -90

Page: 2 of 2
 Date Started: 20 Jul 16
 Date Completed: 21 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		
30	1340		MAFIC VOLCANICLASTIC (MAFT) (26.2 to 28.2 m) Light to medium grey, fine to medium grained, foliated, strong. Moderately fractured, fresh, no infill. Mafic tuff with minor interbedded carbonaceous mudstone. With calcite veinlets and small (< 1cm) dissolution vugs. Disseminated sulphides throughout. End of Drillhole: 28.2 m Reached TD	100				80							
				95				80							

GENERAL REMARKS:

Installed 1.25" monitoring well with 6 m screen. Completion zone from 21.0-27.0 m

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

Knight Piésold
 CONSULTING

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

FIGURE B1-11

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