

Contractor: Hy-Tech Drilling  
 Location: Mill Site  
 Coordinates: 414,634 E, 6,817,489 N  
 Coordinate System: UTM09 NAD83  
 Hole Size HQ3

**Drillhole No.:** MW16-17  
 Drill Type: Tech 5000 Diamond Drill  
 Total Length: 31.1m  
 Elevation: 1418 m  
 Inclination: -90

Page: 1 of 2  
 Date Started: 07 Jul 16  
 Date Completed: 08 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					
										---	---	---	---		
			<b>TOPSOIL (OVBN)</b> (0 to 0.1 m) SILT, trace sand, trace gravel, fine grained, dark brown, loose, massive, moist, with roots and small sticks. (Topsoil)		SPT-01	92	X	3/5/6	11	X					
			<b>CLAY AND SILT (OVBN)</b> (0.1 to 1.6 m) CLAY and SILT, some sand, some gravel, trace cobbles and boulders, fine to coarse grained, moderately well graded, low plasticity, dark to medium greyish brown, firm, massive, moist.		SPT-02	100		50+	R						
1415								60							
5			<b>MAFIC VOLCANICLASTIC (MAFT)</b> (1.6 to 4.1 m) Medium to dark brownish grey, fine grained, foliated, medium strong, highly fractured, moderately weathered with iron oxide and clay infill. Dissolution along foliation.					75							
								40							
			<b>MAFIC VOLCANICLASTIC (MAFT)</b> (4.1 to 15.2 m) Light to medium grey, fine grained, foliated, strong to very strong, moderately to highly fractured, slightly weathered. With iron oxide and minor clay infill along fabric.					75							
1410								110							
10					UCS-386-01			110							
								110							
								110							
1405								80							
					UCS-386-02			75							
15								110							
			<b>MUDSTONE (MDU)</b> (15.2 to 31.1 m) Medium to dark grey, fine grained, foliated, strong to very strong, moderately to highly fractured, fresh to slightly weathered. Massive and veined quartz, veined calcite and pyrite.					110							
								110							
								75							
1400								150							
20								110							
								75							
1395								75							

5.1 - 13.1 m: Constant Head Test - K = 4E-07 m/s

11.1 - 22.1 m: Constant Head Test - K = 7E-07 m/s

20.1 - 31.1 m: Constant Head Test - K = 7E-07 m/s

**GENERAL REMARKS:**

Installed 1.25" monitoring well with 6 m screen. Completion zone from 20.3 - 27.7 m.

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KUDZ ZE KAYAH PROJECT**



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

**FIGURE B1-19**

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							
										--- RQD	--- RMR	20	40	60	80		
30	1390		<b>MUDSTONE (MDU)</b> (15.2 to 31.1 m) Medium to dark grey, fine grained, foliated, strong to very strong, moderately to highly fractured, fresh to slightly weathered. Massive and veined quartz, veined calcite and pyrite.	98				40									
			End of Drillhole: 31.1 m Reached TD	100				75									
				100				75									
				99				150									
				100				150									
35	1385																
40																	
45	1380																
	1375																
	1370																

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**Knight Piésold  
CONSULTING**

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**FIGURE B1-19**

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