



GEOLOGIC LOG OF DRILL HOLE NO.: TH05-6

CLIENT: Yukon Zinc Corporation	PROJECT NO.: [REDACTED]
PROJECT: Wolverine Feasibility Design and Environmental Assessment	DATE HOLE STARTED: 6/5/2005 FINISHED: 6/8/2005
LOCATION:	DATUM: NAD27
DIRECTION AZIMUTH: DIP (from horiz): -90	TOP OF PIPE ELEVATION: m
CO-ORDINATES: E 441882m N 6808396m	GROUND ELEVATION: 1304.5 m
MANUFACTURER'S DRILL DESIGNATION: BBS 25A	TOTAL DEPTH OF HOLE: 31.1 m
DRILLING CONTRACTOR: Advanced Drilling Ltd.	DRILLING METHOD SOIL: NQ Core ROCK: NQ Core
LOGGED BY: [REDACTED]	DRILLING FLUID: Water
CHECKED BY:	HOLE DIA.:

DEPTH (m)	SYMBOL	SAMPLE No.	LITHOLOGY	PIEZOMETER DETAILS	HYDRAULIC CONDUCTIVITY CM/SEC			DISCONTINUITY DATA	ROCK STRENGTH BASED ON POINT LOAD TEST (MPa) (a)=axial, (c)=circumferential	TEMPERATURE	FIELD/LAB DATA									
					10-6	10-4	10-2				SEE BOTTOM OF FORM FOR CODES	Dip Angle 30 60	SPT/LPT N ●	CORE RECOVERY %	WATER CONTENT % ○					
																R.Q.D. %				
1			TOPSOIL. - Peat and organics.																	
1.8			PEAT, with greenish grey gravel and minor clay matrix.																	
2.7			CLAY, gravelly, some sand, grey.																	
3.7			CLAY, some fine sand, grey.																	
4.3			CLAY and SAND, coarse sand, green to grey.																	
4.9			CLAY, gravelly.																	
6.7			- LPT N = 59 blows at 6.10 m depth.																	
7			SILT-SAND-GRAVEL-COBBLE, low plastic silt, some fine to coarse gravel, cobbles and pebble sized clasts of green metavolcanic rock, trace sand, angular to subangular gravel, green to black, moist (TILL-LIKE).																	
9			- LPT N = 52 blows at 9.20 m depth.																	
10.4		1	ARGILLITE, very fractured with abundant quartz veins, slightly weathered and stained fracture surfaces, moderately graphitic (20%).																	
12			- LPT N = 16 blows at 12.20 m depth.																	
18																				
19																				
20																				

KC:ROCK-SI@4 WOLVERINE TEST HOLES - NOV 17 09 1 ROCK-LOG.GDT 28/05

DISCONTINUITY CODES: B: BEDDING D: DRILL BRK F: FAULT G: GNEISS'Y J: JOINT M: SCHIST'Y S: SHEAR T: TENSION CRK
 [Symbol] CORE LOSS [Symbol] FRACTURED/BROKEN CORE DIP ANGLES MEASURED WITH RESPECT TO



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DEPTH (m)	SYMBOL	SAMPLE No.	LITHOLOGY	PIEZOMETER DETAILS	HYDRAULIC CONDUCTIVITY CM/SEC			DISCONTINUITY DATA	ROCK STRENGTH BASED ON POINT LOAD TEST (MPa) (a)-axial; (d)-diametrical	TEMPERATURE	FIELD/LAB DATA									
					10-6	10-4	10-2				SEE BOTTOM OF FORM FOR CODES	Dip Angle 30 60	SPT/LPT N			WATER CONTENT %				
								CORE RECOVERY %					R.Q.D. %							
			(continued from previous page)																	
21																				
22																				
23																				
24																				
25			25.0 1,279.5 QUARTZ, mostly quartz veins.																	
26																				
27																				
28																				
29																				
30																				
31			31.1 1,273.4 End of Hole at: 31.1 m																	
32																				
33			Notes:																	
34			1. The SPT/LPT N values indicated are the field measured LPT N values.																	
35			2. Piezometer stickup length is as follows: - TH05-6A = 0.67 m; - TH05-6B = 1.10 m;																	
36			3. Water levels measured in piezometer TH05-6A and B after installation were 29.00 m and 5.79 m, respectively.																	
37			4. Shelby tube sampling was conducted between the ground surface and 5.8 m depth.																	
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KC ROCK-SIG4 WOLVERINE TEST HOLES - NOV 17 GPJ ROCK-LOG.GDT 2/8/06

DISCONTINUITY CODES: B: BEDDING D: DRILL BRK F: FAULT G: GNEISS'TY J: JOINT M: SCHIST'TY S: SHEAR T: TENSION CRK
 CORE LOSS FRACTURED/BROKEN CORE DIP ANGLES MEASURED WITH RESPECT TO