



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.																	
2			1.8 1,302.7 PEAT, with greenish grey gravel and minor clay matrix.																	
3			2.7 1,301.8 CLAY, gravelly, some sand, grey.																	
4			3.7 1,300.8 CLAY, some fine sand, grey.																	
5			4.3 1,300.2 CLAY and SAND, coarse sand, green to grey.																	
6			4.9 1,299.6 CLAY, gravelly.																	
7			6.7 1,297.8 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).																	
8			- LPT N = 59 blows at 6.10 m depth.																	
9																				
10		1	10.4 1,294.1 ARGILLITE, very fractured with abundant quartz veins, slightly weathered and stained fracture surfaces, moderately graphitic (20%).																	
11			- LPT N = 52 blows at 9.20 m depth.																	
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17																				
18																				
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KC: ROCK-SI@4 WOLVERINE TEST HOLES - NOV 17 05 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
 CORE LOSS FRACTURED/BROKEN CORE DIP ANGLES MEASURED WITH RESPECT TO



GEOLOGIC LOG OF DRILL HOLE NO.: TH05-6

DEPTH (m)	SYMBOL	SAMPLE No.	LITHOLOGY	PIEZOMETER DETAILS	HYDRAULIC CONDUCTIVITY CM/SEC			DISCONTINUITY DATA SEE BOTTOM OF FORM FOR CODES Dip Angle 30 60	ROCK STRENGTH BASED ON POINT LOAD TEST (MPa) (a)-axial; (d)-diametrical	TEMPERATURE	FIELD/LAB DATA								
					10-6	10-4	10-2				SPT/LPT N CORE RECOVERY %			WATER CONTENT % 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