



GEOLOGIC LOG OF DRILL HOLE NO.: TH05-2

CLIENT: Yukon Zinc Corporation	PROJECT NO.: [REDACTED]
PROJECT: Wolverine Feasibility Design and Environmental Assessment	DATE HOLE STARTED: 6/1/2005 FINISHED: 6/5/2005
LOCATION:	DATUM: NAD27
DIRECTION AZIMUTH: DIP (from horiz): -90	TOP OF PIPE ELEVATION: m
CO-ORDINATES: E 441875m N 6808453m	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, (b) = diametrical	TEMPERATURE	FIELD/LAB DATA							
					10-6	10-4	10-2				SEE BOTTOM OF FORM FOR CODES	SPT/LPT N			WATER CONTENT %			
					Dip Angle		30 60					CORE RECOVERY %			R.Q.D. %			
								0 6 12		25 50 75			5 10 15					
1			TOPSOILS. - Peat and organics.															
2			- Peat, saturated, with coarse sand in clay matrix between 1.8 m and 2.4 m depth.															
3			2.4 1,302.1 SAND, coarse, some gravel, greenish grey.															
4			3.5 1,301.0 GRAVEL, fine to coarse, sandy, with clay/mud, very dense, green.															
5			4.4 1,300.1 5.0 1,299.5 - Encountered obstruction during drilling at about 3.5 m depth. Drilled with tricone bit from 3.5 m to 3.7 m depth.															
6			CLAY and COBBLES.															
7		1	SILT-SAND-GRAVEL-COBBLE, mostly fine to coarse gravel, some silt to silty, low plastic silt, trace to some sand, flat, angular to subrounded gravel, yellow to grey, moist.															
8			- Boulder sized clasts of light green metavolcanic rocks recovered.															
9																		
10		2																
11																		
12																		
13		3																
14																		
15																		
16		4																
17																		
18																		
19		5																
20																		

KC_ROCK-SI@4 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



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					10-6	10-4	10-2				SEE BOTTOM OF FORM FOR CODES	SPT/LPT N			WATER CONTENT %					
					Dip Angle			30				60	CORE RECOVERY %			R.Q.D. %				
											0	6	12	25	50	75	5	10	15	
21																				
22																				
23																				
24			23.5 1,281.0 ARGILLITE, moderately weathered, foliated, with three quartz veins 15 cm to 20 cm thick.																	
25																				
26																				
27																				
28																				
29																				
30																				
31			31.1 1,273.4 End of Hole at: 31.1 m																	
32																				
33			Notes:																	
34			1. Piezometer stickup lengths are as follows:																	
35			- TH05-2A = 0.66 m;																	
36			- TH05-2B = 0.66 m.																	
37			2. Water levels measured in piezometers TH05-2A and B after installation were artesian.																	
38			3. Shelby tube sampling was conducted between the ground surface and 5.0 m depth.																	
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KC ROCK-SIG WOLVERINE TEST HOLES - NOV 17.GPJ ROCK-LOG.GDT 2/6/06

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