



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'Y J: JOINT M: SCHIST'Y S: SHEAR T: TENSION CRK
 CORE LOSS 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 SEE BOTTOM OF FORM FOR CODES Dip Angle 30 60	ROCK STRENGTH BASED ON POINT LOAD TEST (MPa) (a)=axial; (d)=diametrical	TEMPERATURE 0 6 12	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			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.															
39																		
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44																		
45																		

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