



GEOLOGIC LOG OF DRILL HOLE NO.: TH05-10

CLIENT: Yukon Zinc Corporation	PROJECT NO.: [REDACTED]
PROJECT: Wolverine Feasibility Design and Environmental Assessment	DATE HOLE STARTED: 8/19/2005 FINISHED: 8/25/2005
LOCATION:	DATUM: NAD27
DIRECTION AZIMUTH: DIP (from horiz): -90	TOP OF PIPE ELEVATION: m
CO-ORDINATES: E 442328m N 6808233m	GROUND ELEVATION: 1308 m
MANUFACTURER'S DRILL DESIGNATION: BBS 25A	TOTAL DEPTH OF HOLE: 38.1 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 SEE BOTTOM OF FORM FOR CODES Dip Angle 30 60	ROCK STRENGTH BASED ON POINT LOAD TEST (MPa) (σ_{axial} , (σ)=diametrical)	TEMPERATURE	FIELD/LAB DATA							
					10-6	10-4	10-2				SPT/LPT N	WATER CONTENT %						
											CORE RECOVERY %	R.Q.D. %						
									0	6	12	25	50	75	5	10	15	
0-2			TOPSOIL - organics.															
2-307.8			OVERBURDEN consisting of SILT/CLAY, SAND, GRAVEL, COBBLE, with occasional boulders. - SPT N = 20+ blows over first 6" at 1.52 m depth. - SPT N = 20+ blows over first 6" at 3.05 m depth.															
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2																		
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Piezometer 10B

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

KC. ROCK-SIG@ WOLVERINE TEST HOLES - NOV 17.GPJ ROCK-LOG.GDT 2/8/05



GEOLOGIC LOG OF DRILL HOLE NO.: TH05-10

DEPTH (m)	SYMBOL	SAMPLE No.	LITHOLOGY	PIEZOMETER DETAILS	HYDRAULIC CONDUCTIVITY CM/SEC			DISCONTINUITY DATA	ROCK STRENGTH BASED ON POINT LOAD TEST (MPa) <small>(a)=axial; (c)=diametrical</small>	TEMPERATURE	FIELD/LAB DATA						
					10-6	10-4	10-2	SEE BOTTOM OF FORM FOR CODES			SPT/LPT N			WATER CONTENT %			
											Dip Angle	CORE RECOVERY %			R.Q.D. %		
						30	60				25	50	75	5	10	15	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
32			32.0 1,276.0 BEDROCK.										20			0	
33			- Carbonaceous between 32.6 m and 35.1 m depth.														
34																	
35			- 80% of core run is gouge; carbonaceous between 35.1 m and 38.1 m depth.														
36																	
37																	
38			38.1 1,269.9 End of Hole at: 38.1 m	Piezometer 10A													
39																	
40			Notes:														
41			1. The SPT/LPT N values indicated are the field measured SPT N values.														
42			2. Piezometer stickup lengths are as follows: - TH05-10A = 0.54 m; - TH05-10B = 0.60 m.														
43			3. Water levels measured in piezometers TH05-10A and B after installation were 1.09 m and 5.49 m, respectively.														
44																	
45																	

KC: ROCK-SIG/4 WOLVERINE TEST HOLES - NOV 17/01 ROCK-LOG.GDT 2/0/06

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