



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_{Faxial} , (σ)=diametrical)	TEMPERATURE	FIELD/LAB DATA									
					10-6	10-4	10-2				SPT/LPT N ●	WATER CONTENT % ○	CORE RECOVERY %			R.Q.D. %				
													25	50	75	5	10	15		
0-307.8			<p>TOPSOIL - organics.</p> <p>OVERBURDEN consisting of SILT/CLAY, SAND, GRAVEL, COBBLE, with occasional boulders.</p> <p>- SPT N = 20+ blows over first 6" at 1.52 m depth.</p> <p>- SPT N = 20+ blows over first 6" at 3.05 m depth.</p>																	
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KC ROCK-SIG @ WOLVERINE TEST HOLES - NOV 17.GPJ ROCK-LOG.GDT 2/8/05

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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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 %						
					30	60	Dip Angle				CORE RECOVERY %			R.Q.D. %						
(continued from previous page)											25	50	75	5	10	15				
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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.																	
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35			- 80% of core run is gouge; carbonaceous between 35.1 m and 38.1 m depth.																	
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37																				
38			38.1 1,269.9 End of Hole at: 38.1 m	Piezometer 10A																
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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.																	
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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