



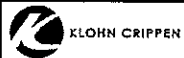
# GEOLOGIC LOG OF DRILL HOLE NO.: TH05-8

CLIENT: Yukon Zinc Corporation	PROJECT NO.: ██████████
PROJECT: Wolverine Feasibility Design and Environmental Assessment	DATE HOLE STARTED: 8/2/2005 FINISHED: 8/5/2005
LOCATION:	DATUM: NAD27
DIRECTION AZIMUTH:                      DIP (from horiz): -90	TOP OF PIPE ELEVATION: m
CO-ORDINATES: E 442565m N 6808139m	GROUND ELEVATION: 1290 m
MANUFACTURER'S DRILL DESIGNATION: BBS 25A	TOTAL DEPTH OF HOLE: 30.8 m
DRILLING CONTRACTOR: Advanced Drilling Ltd.	DRILLING METHOD SOIL: HQ Core ROCK: HQ Core
LOGGED BY: ██████████	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, (d)=diametrical	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					0	6	12	25	50	75	5	10	15	
0.2			TOPSOIL - organics.															
1			SILT-SAND-GRAVEL-COBBLE, low plastic silt, fine to coarse sand and gravel, occasional boulders, flat, subrounded to subangular gravel, grey to green, dry to moist (TILL-like).															
2			- LPT N = 20+ blows for first 6" at 1.52 m depth.															
3		1	- LPT N = 47 blows for 12" at 3.05 m depth.															
4																		
5		2	- LPT N = 48+ blows over first 12" at 4.57 m depth.															
6																		
7		3	- LPT N = 42+ blows over first 10" at 6.10 m depth.															
8																		
9																		
10		4	- LPT N = 50+ blows over first 12" at 9.14 m depth.															
11																		
12			- LPT N = 30+ blows over first 6" at 12.19 m depth.															
13																		
14																		
15																		
16		5	- LPT N = 60 blows over first 6" at 15.24 m depth.															
17																		
18																		
19		6	- LPT N = 80+ blows over first 9" at 18.29 m depth.															
20																		
			19.8															

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



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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) (a)=axial; (c)=diametrical	TEMPERATURE	FIELD/LAB DATA						
					10-6	10-4	10-2	SEE BOTTOM OF FORM FOR CODES			SPT/LPT N	WATER CONTENT %					
			(continued from previous page)					Dip Angle			CORE RECOVERY %			R.Q.D. %			
								30 60		0 6 12	25 50 75	5 10 15					
21			1,270.2 BEDROCK. - Weak bedrock encountered at 19.8 m depth.														
22																	
23																	
24				Piezometer 8B													
25			- Black, well foliated, massive and highly fractured argillite encountered between 24.4 m and 27.4 m depth.														
26		ARMS										33				0	
27																	
28			- Black, weakly foliated, massive argillite (mudstone) encountered between 27.4 m and 29.4 m depth. Note: last 30 cm of core run encountered milky white bull quartz vein.														
29		ARMS/ QTVN										80				6	
30				Piezometer 8A													
31			30.8 1,259.2 End of Hole at: 30.8 m														
32			Notes:														
33			1. The SPT/LPT N values indicated are the field measured LPT N values.														
34			2. Piezometer stickup lengths are as follows:														
35			- TH05-8A = 0.20 m;														
36			- TH05-8B = 0.17 m.														
37			3. Water levels measured in piezometers TH05-8A and B after installation were artesian.														
38			4. ARMS = massive argillite; QTVN = quartz vein.														
39																	
40																	
41																	
42																	
43																	
44																	
45																	

KC-ROCK-SIGMA 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