



GEOLOGIC LOG OF DRILL HOLE NO.: TH05-7

CLIENT: Yukon Zinc Corporation	PROJECT NO.: [REDACTED]
PROJECT: Wolverine Feasibility Design and Environmental Assessment	DATE HOLE STARTED: 8/6/2005 FINISHED: 8/8/2005
LOCATION:	DATUM: NAD27
DIRECTION AZIMUTH: DIP (from horiz): -90	TOP OF PIPE ELEVATION: m
CO-ORDINATES: E 442660m N 6808160m	GROUND ELEVATION: 1305 m
MANUFACTURER'S DRILL DESIGNATION: BBS 25A	TOTAL DEPTH OF HOLE: 31.4 m
DRILLING CONTRACTOR: Advanced Drilling Ltd.	DRILLING METHOD SOIL: HQ Core ROCK: HQ 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; (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. %									
										0	6	12	25	50	75	5	10	15
0.304.8			TOPSOIL - organics.															
1			SILT-SAND-GRAVEL-COBBLE, with occasional boulders.															
2		1	- LPT N = 101 blows at 1.52 m depth.															
3		2	- LPT N = 81 blows at 3.05 m depth.															
4																		
5		3	- LPT N = 29+ blows for first 6" at 4.57 m depth.															
6		4	- LPT N = 30+ blows for first 5" at 6.1 m depth.															
7																		
8																		
9		5	- LPT N = 35+ blows for first 6" at 9.14 m depth.															
10																		
11																		
12			- LPT N = 30+ blows for first 1" at 12.19 m depth.															
13																		
14																		
15			- LPT N = 32+ blows for first 4" at 15.24 m depth.															
16																		
17																		
18																		
19			- LPT N = 21+ blows for first 2" at 18.29 m depth.															
20																		

KC ROCK-S@4 - WOLVERINE TEST HOLES - NOV 17 09J1 ROCK-LOG.GDT 28/06

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) <small>(a)=axial; (d)=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. %																			
(continued from previous page)																															
21			- LPT N = 37+ blows for first 3" at 21.34 m depth.																												
22																															
23																															
24																															
24.4																															
24.4			1,280.6																												
25			- LPT N = 21+ blows for first 3" at 24.38 m depth.																												
25			BEDROCK.																												
26		ARMS	- Grey, laminated, strongly foliated, siliceous argillite, angular gravel, with quartz veins between 24.4 m and 27.4 m depth.																												
27																															
28		ARMS	- Same as above, with some black graphitic argillite.																												
29																															
30																															
31																															
31.4			1,273.6																												
32			End of Hole at: 31.4 m																												
33			Notes:																												
34			1. The SPT/LPT N values indicated are the field measured LPT N values.																												
35			2. Piezometer stickup length for TH05-07A is ___ m. Water level could not be measured in piezometer TH05-7A due to gasoline in piezometer.																												
36			3. Piezometer TH05-7B was not installed in overburden because the 70' casing could not be removed.																												
37			4. ARMS = massive argillite.																												
38																															
39																															
40																															
41																															
42																															
43																															
44																															
45																															

KC: ROCK-S@4 WOLVERINE TEST HOLES - NOV 17.GPJ Rock-LOG.GDT 2/8/05

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 CORE LOSS FRACTURED/BROKEN CORE DIP ANGLES MEASURED WITH RESPECT TO