

PROJECT No.: [REDACTED]

RECORD OF BOREHOLE: BH-26-07

SHEET 1 OF 4
DATUM: [REDACTED]

LOCATION: Heap Leach Valley

BORING DATE: September 18th, 19th and 27th 2007

N: -6913174 E: -411711

Note: Northing and Easting Coordinates have been determined by GPS in the field and are approximate only.

SAMPLER: HAMMER, 64kg; DROP, 762mm

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES			SAMPLE / CORE			GRADATION %			HYDRAULIC CONDUCTIVITY, k, cm/s		ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	RUN No.	RECOVERY % SAMPLE CORE	GRAVEL	SAND	FINES	10 ⁻⁸	10 ⁻⁶		
0		Ground Surface		0.00												
0.70	ENCORE Solid Stem Auger / SPT	SP, poorly graded SAND, with fines, few medium gravel, fine sand, red-brown.	[Pattern]	0.70	1	GS	18									
2.00		SC, clayey SAND, few gravel, trace cobbles, sub-rounded, moist, compact, light brown.														
3.50	ENCORE Hollow Stem Auger / SPT	No recovery.	[Pattern]	3.50												
4.00		CL, CLAY, few sand, few gravel.		4.00	2	GS	>30									
4.30		Boulder.	[Symbol]	4.30												
4.50		No recovery.		4.50												
5.00		CL, CLAY, with sand and gravel, rounded, dense, dry to moist.	[Pattern]	5.00												
5.50		No recovery.		5.50												
6.00		CL, CLAY, few sand, trace gravel, low plasticity, dry to moist, dense, one piece of black wood (2 cm x 1 cm x 1 cm).	[Pattern]	6.00	3	GS	29		4	13	83					
6.50		No recovery.		6.50												
7.00		CL, sandy CLAY, with gravel, very stiff, dry to moist.	[Pattern]	7.00												
7.50		No recovery.		7.50												

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DEPTH SCALE

1 : 40

CUSTOM LOG 6 (CARMACK COPPER) ALL 2007 HOLES.GPJ GLDR CAN_ABB_GDT 03/04/08

PROJECT No.: [REDACTED]

RECORD OF BOREHOLE: BH-26-07

SHEET 2 OF 4
DATUM: [REDACTED]

LOCATION: Heap Leach Valley
N: -6913174 E: -411711

BORING DATE: September 18th, 19th and 27th 2007

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SAMPLER HAMMER, 64kg; DROP, 762mm

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES			SAMPLE / CORE			GRADATION %			HYDRAULIC CONDUCTIVITY, k_v , cm/s		ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION	
		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/30.3m	RUN No.	RECOVERY %	GRAVEL	SAND	FINES	10 ⁻⁸	10 ⁻⁷			10 ⁻⁶
8	ENCORE Hollow Stem Auger / SPT	SC, clayey SAND, few gravel, with silt, well graded, low plasticity, some clayey silt lenses. [Nbn at 8.3 to 8.4 m]	[Pattern]	8.00	4	GS	>50			13	40	47					MH
		No recovery.		8.50													
9	ENCORE CIRCEL / SPT	CL, sandy CLAY. [Nbn]	[Pattern]	9.00	DO	50	50										11
		SC, clayey SAND. [Nf]	[Pattern]	9.20													
		GP, GRAVEL and COBBLES, with fines. [Nf]	[Pattern]	9.46													
		CL, CLAY, few gravel, fine to coarse, rounded to sub-angular, max. size 10 cm, medium plasticity, light brown. [Nbn and very few ice crystals, Vx]	[Pattern]														
10	ENCORE CIRCEL / SPT				5	GS											
11																	
12	ENCORE Diamond Drill					DO	>50										
13		Highly weathered granodiorite BEDROCK to poorly-graded sand, fine to medium, highly oxidized, ochre and red-brown.	[Pattern]	12.51													
14	ENCORE Diamond Drill																
15		Highly weathered granodiorite BEDROCK to well-graded sand, angular, oxidized, mottled ochre, black, white and brown.	[Pattern]	13.22													
16																	

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CUSTOM LOG 6 (CARMACK COPPER) ALL 2007 HOLES.GPJ GLDR_CAN_ABB.GDT 03/04/08

PROJECT No.: [REDACTED]

RECORD OF BOREHOLE: BH-26-07

SHEET 3 OF 4
DATUM: [REDACTED]

LOCATION: Heap Leach Valley

BORING DATE: September 18th, 19th and 27th 2007

N: ~6913174 E: ~411711

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SAMPLER HAMMER, 64kg; DROP, 762mm

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES		SAMPLE / CORE		GRADATION %			HYDRAULIC CONDUCTIVITY, k, cm/s				ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	RUN No.	RECOVERY %	GRAVEL	SAND	FINES	10 ⁻⁸	10 ⁻⁵		
16	Kilzone Diamond Drill	Highly weathered granodiorite BEDROCK to well-graded sand, angular, oxidized, mottled ochre, black, white and brown. (continued)	[Hatched Pattern]	20.13				[Solid Black]				WATER CONTENT PERCENT				T07-07
17												10	20	30	40	
18																
19																
20																
21		Moderately weathered and altered granodiorite BEDROCK, coarse-grained, friable to weak, very close jointing, joints are rough, planar, sub-horizontal, oxidized, ochre, black and white, weathering decreases with depth, alteration remains.	[Hatched Pattern]					[Solid Black]				WATER CONTENT PERCENT				
22	10											20	30	40		
23																
24																

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DEPTH SCALE

1 : 40

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PROJECT No.: [REDACTED]

RECORD OF BOREHOLE: BH-26-07

SHEET 4 OF 4
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DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES		SAMPLE / CORE		GRADATION %			HYDRAULIC CONDUCTIVITY, k, cm/s		ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION	
		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	RUN No.	RECOVERY %	GRAVEL	SAND	FINES			10 ⁻⁶
24	Kjane Diamond Drill	Moderately weathered and altered granodiorite BEDROCK, coarse-grained, friable to weak, very close jointing, joints are rough, planar, sub-horizontal, oxidized, ochre, black and white, weathering decreases with depth, alteration remains. (continued)													T07-07
25															
26															
27		End of BOREHOLE. Thermistor installed and backfilled with grout to ground surface.		26.23											
28															
29															
30															
31															
32															

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