

PROJECT No.: [REDACTED]

# RECORD OF BOREHOLE: BH-01-07

SHEET 1 OF 3  
 DATUM: [REDACTED]

LOCATION: Heap Leach Valley Option 2

BORING DATE: August 5th, 6th, 16th and 17th 2007

N: -6913061 E: -411384

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

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 <sup>-6</sup>	10 <sup>-5</sup>			10 <sup>-4</sup>
0		Ground Surface		0.00													
0.5	ENCORE Solid Stem Auger	SP, gravelly, silty SAND, trace clay, fine to medium sand, angular to sub-angular gravel, max. size 6 cm, moist, loose to compact, brownish-grey.															
1.29																	
2.0					1	GS			8	50	42						MH
2.5					8-1												
4.0					2	GS			22	39	39						MH
5.0	ENCORE CIRREL	- 4.5 m to 6.5 m gravels are sub-rounded to sub-angular. [Vr, Nbe] SM-SC, silty SAND to clayey SAND, few to with gravel, trace cobbles, low plasticity to non-plastic, medium to coarse sand, angular to sub-angular gravel, max. size 4 cm, brownish-grey. [Nbe, Vx]															
6.5																	
7.0																	
7.5																	
8.0																	

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CUSTOM LOG 6 (CARMACK COPPER) ALL 2007 HOLES.GPJ GLDR CAN\_ABB.GDT 03/04/08

DEPTH SCALE  
 1 : 40

PROJECT No. [REDACTED]

# RECORD OF BOREHOLE: BH-01-07

SHEET 2 OF 3

LOCATION: Heap Leach Valley Option 2

BORING DATE: August 5th, 6th, 16th and 17th 2007

DATUM: [REDACTED]

N: -6913061 E: -411384

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DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES		SAMPLE / CORE		GRADATION %			HYDRAULIC CONDUCTIVITY, k, cm/s		PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	RUN No.	RECOVERY %	GRAVEL	SAND	FINES	
8		- 7.5 m to 8.5 m [Nbn and Vr, 2 cm thick ice crystals] - 7.88 m granodiorite cobbles, max. size 10 x 7 cm. [Nbn, Vr]		8.50									
9				11-2	GS				9	41	50		MH
10		ML-SM-SC, sandy SILT to silty SAND to clayey SAND, trace to few gravel, trace cobbles, well graded sand. [Nbn]											
11	ENCORE COREL	- 11.02 m to 11.07 angular gravel. - 11.30 m diorite cobbles, max. size 11 x 3 cm.											
12		CL-ML, clayey SILT to silty CLAY, with sand, trace gravel, low to medium plasticity, diorite cobbles, max. size 11 cm. [Nbn]		11.67					4	24	72		MH
13		SW, gravelly SAND, with silt, sub-rounded to sub-angular gravel, max size 6 cm, medium to coarse sand, brown. [Nbe]		12.50									
14	ENCORE SPT 3" Dia	SM-ML, silty SAND to sandy SILT, trace gravel, fine to medium sand, brownish-grey. [Nbe]		13.50									
14		SM-ML, silty SAND to sandy SILT, with minor layers of coarse sand. [Nbn]		13.80									
15	ENCORE COREL	SM-ML, silty SAND to sandy SILT, trace gravel. [Nbn]		14.50									
16				15.50									

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DEPTH SCALE

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CUSTOM LOG 6 (CARMACK COPPER) ALL 2007 HOLES.GPJ GLDR\_CAN\_ABB.GDT 03/04/08

PROJECT No.: [REDACTED]

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SHEET 3 OF 3

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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 % SAMPLE CORE	GRAVEL	SAND	FINES	WATER CONTENT PERCENT Wp  -----  Wl			
16	ENCORE CRREL	Highly weathered granodiorite BEDROCK to sandy gravel, fine to medium gravel, sub-rounded to sub-angular, medium to coarse sand, trace cobbles, oxidized, orange. [Nbn, Vx] (continued)		16.50												T07-01
17																
18																
19	ENCORE Diamond Drill	Granodiorite BEDROCK, moderately weathered, coarse grained, strong to very strong, moderately-close spaced fractures, with many healed, brownish-white.														
20																
21		End of BOREHOLE. Thermistor installed and backfilled with grout to ground surface.		20.40												
22																
23																
24																

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