

PROJECT No.: [REDACTED]

RECORD OF BOREHOLE: BH-17-07

SHEET 1 OF 4

LOCATION: Heap Leach Embankment

BORING DATE: September 13th to 15th and 28th, 2007

DATUM: [REDACTED]

N: -6913099 E: -411792

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_v cm/s		ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	RECOVERY %	GRAVEL	SAND	FINES	WATER CONTENT PERCENT	Wp	Wi		
0		Ground Surface		0.00												T07-02
1	ENCORE Solid Stem Auger / SPT	SC, clayey SAND, with silt, with sub-rounded gravel, trace of organics at 0.4 m, moist, loose to compact, dark brown.	[Strata Plot]	1.00	1	GS			19	42	39				MH, GS	1
2																
3	ENCORE Solid Stem Auger / SPT	SC, clayey SAND, with gravel, with silt, moist, compact, light brown.	[Strata Plot]	1.56	2	GS			23	38	38				MH	3
4																
5	ENCORE Solid Stem Auger / SPT	SC, clayey SAND and CLAY, with sub-rounded gravel, fine to medium sand, compact, light brown.	[Strata Plot]	3.00		DO	13									5
6																
7	ENCORE Hollow Stem Auger / SPT	CL, gravelly CLAY with fine to coarse sand, dry to moist, stiff, light brown.	[Strata Plot]	3.30		DO	14									7
8																
9	ENCORE Hollow Stem Auger / SPT	SC, clayey SAND with gravel, dry to moist, compact, light brown.	[Strata Plot]	4.50		DO	19									9
10																
11	ENCORE Hollow Stem Auger / SPT	CL, CLAY, few sand and gravel.	[Strata Plot]	5.50	3	GS									C, DS	11
12																
13	ENCORE Hollow Stem Auger / SPT	No recovery.	[Strata Plot]	5.90												13
14																
15	ENCORE Hollow Stem Auger / SPT	SC, clayey SAND with gravel, sub-rounded to sub-angular, light brown. [Nbn]	[Strata Plot]	6.50		DO	21									15
16																
17	ENCORE Hollow Stem Auger / SPT	No recovery.	[Strata Plot]	7.00												17
18																
19	ENCORE Hollow Stem Auger / SPT	SC, clayey SAND with silt, with rounded gravel, light brown. [Nbn]	[Strata Plot]	7.50	4	GS	36		17	41	42				MH	19
20																
21	CONTINUED NEXT PAGE															21

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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-17-07

SHEET 2 OF 4
DATUM: [REDACTED]

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		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	RECOVERY %	GRAVEL	SAND	FINES	WATER CONTENT PERCENT		
8	ENCORE Hollow Stem Auger / SPT	No recovery.		8.00									T07-02	
8.50		SC, clayey SAND with sub-rounded to rounded gravel, light brown. [Nbn, Vc, Vx]		DO	45									
9.00		- 9.0 m to 9.1 m, fine sand.												
9.50	ENCORE CIRREL	SC, clayey SAND with sub-angular to rounded gravel, dark brown. [Nbn, Nf]	[Hatched Pattern]	5	GS								DS	
10.50				6	GS			22	38	40				
11.70		Boulder.												NH
12.00														
13.00		SC, clayey SAND with sub-angular to rounded gravel, dark brown. [Nbn, Nf]		7	GS									
15.00		CL, CLAY, interlayered sand and gravel layers, light to dark grey. [Nf, Nbn, Vx and Vc]												
16	CONTINUED NEXT PAGE													

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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-17-07

SHEET 3 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 % SAMPLE CORE	GRAVEL	SAND	FINES			10 ⁻⁸	10 ⁻⁶
16	ENCORE CORREL	CL, CLAY, interlayered sand and gravel layers, light to dark grey. [Nf, Nbn, Vx and Vc] (continued)	[Hatched Pattern]	17.00	8	GS										
17																
18		CH, CLAY, trace to few gravel, trace sand, fine to coarse sub-rounded to rounded gravel, high plasticity, light and dark grey layers, varved. [Nf, Vc]		19.00	9	GS				0	4	96				
19																
20	Klume Diamond Drill	CL, CLAY, interlayered with sand and gravel, max. size 7 cm, medium brown. [Nbn, Vc]	[Hatched Pattern]	21.43												
21																
22																
23		Weathered granodiorite BEDROCK to coarse sand.														
24																

T07-02

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64 MH

21

24

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DEPTH SCALE

1 : 40

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		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	RECOVERY %	GRAVEL	SAND	FINES	WATER CONTENT PERCENT		
24	Kjursie Diamond Drill	Weathered granodiorite BEDROCK to coarse sand. (continued)	[Pattern]	24.71										T07-02
25		Moderately weathered to fresh, black and white, coarse grained granodiorite BEDROCK, loosely spaced, planar joints.	[Pattern]											
27			[Pattern]											
29.28		End of BOREHOLE. Thermistor installed and backfilled with grout to ground surface.		29.28										

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