

PROJECT No.: [REDACTED]

# RECORD OF BOREHOLE: BH-06-07

SHEET 1 OF 6  
 DATUM: [REDACTED]

LOCATION: Sediment Pond

BORING DATE: August 8th and 26th to September 3rd, October 1st 2007

N: -6912805 E: -412150

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/30.3m	RUN No.	RECOVERY % SAMPLE CORE	GRAVEL	SAND	FINES	WATER CONTENT PERCENT Wp   ———— W ————   WI			
0		Ground Surface		0.00												T07-06
1		SM, silty SAND, trace gravel, trace clay, fine to medium sand, sub-rounded to sub-angular gravel, damp, loose, dark grey to brownish-grey with wood and roots.			1	GS										
2	ENCORE Solid Stem Auger			1.52												
3		SP, poorly graded SAND, with gravel, few fines, fine to medium sand, sub-angular to sub-rounded gravel, damp, loose to compact, light brown.			2	GS			25	64	11				MH	
4					3	GS										
5		- max size 1 cm, compact.			4	GS	29		22	71	7				MH	
6	ENCORE Hollow Stem Auger / SPT	SP-GW, sandy GRAVEL to gravelly SAND, trace silt and clay, fine to medium sand, medium to coarse gravel, rounded to sub-rounded, max. size 7 cm, brownish-grey. [Nf, Nbn]		5.02												
7	ENCORE CIBREL	SP-SM, silty SAND, trace gravel, fine to medium sand, sub-rounded to rounded gravel, max. size 7 cm, greyish-brown. [Vx, Nf]		5.76	6	GS	>50		0	64	36				MH	
8	ENCORE Diamond Drill / SPT	SC, clayey SAND, with gravel, trace cobbles, trace silt, fine to medium sand, rounded to sub-rounded, max. size 7cm, greyish, cobbles and gravel of diorite, granodiorite, volcanics. [Vx, Vc]		6.22												

YWB

NOV 09 2009

QZ08 084

CONTINUED NEXT PAGE

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-06-07

SHEET 2 OF 6

LOCATION: Sediment Pond

BORING DATE: August 8th and 26th to September 3rd, October 1st 2007

DATUM: [REDACTED]

N: -6912805 E: -412159

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 %	GRAVEL	SAND	FINES			10 <sup>-8</sup>	10 <sup>-5</sup>	10 <sup>-2</sup>
8	ENCORE Diamond Drill / SPT	SC, clayey SAND, with gravel, trace cobbles, trace silt, fine to medium sand, rounded to sub-rounded, max. size 7cm, greyish, cobbles and gravel of diorite, granodiorite, volcanics. [Vx, Vc] (continued)	[Strata Plot]	9.30	7	GS	98		27	38	35				MH	T07-06	
9																	
10		SC, clayey, gravelly SAND, fine sand, sub-angular to sub-rounded, max. size 7 cm, brownish-grey. [Nbe, Vx]															
11																	
12		No Sample.															
13																	
14	ENCORE Diamond Drill	Drilled pieces of diorite, granite and volcanics.		13.41													
14		GC-GM, clayey, silty GRAVEL, sub-angular to sub-rounded, low plasticity, grey, cold.		13.71	8	GS	>50		37	32	31						
15		No Sample.			14.17												
15		SC-SM, clayey silty SAND, with sub-angular to sub-rounded gravel, low plasticity, grey, cold.			15.00		GS	>50									
16		Drilled pieces of volcanic rock (boulder).		15.46													
		CONTINUED NEXT PAGE															

YWB  
NOV 09 2009  
0208 084

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-06-07

SHEET 3 OF 6  
 DATUM: [REDACTED]

LOCATION: Sediment Pond  
 N: ~6912805 E: ~412159

BORING DATE: August 8th and 26th to September 3rd, October 1st 2007

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	RUN No.	RECOVERY % SAMPLE CORE	GRAVEL	SAND	FINES		
16		Drilled pieces of volcanic rock (boulder). (continued)												
17				16.52										
18		GC, clayey GRAVEL, sub-rounded to rounded, fines washed by drilling method, max. size 6 cm, diorite volcanics, quartz.												
19		Drilled boulder of diorite.		19.13										
20	ENCORE Diamond Drill	SC-GC, clayey SAND and GRAVEL, sub-angular to sub-rounded, low plasticity to non-plastic, grey.		19.47										
21		Drilled diorite and volcanics boulder.												
22		CL, CLAY with gravel and fine sand, low to medium plasticity, grey.		22.12										
		SC-GC, clayey SAND and GRAVEL, sub-angular to sub-rounded, low plasticity to non-plastic, grey.												
		Drilled granite boulder.		22.60										
		No sample recovered.												
23				23.00										
		CL, CLAY, few fine sand, damp, low plasticity, grey to dark grey.			9	GS			0	6	94			

T07-06

21

YWB

NOV 09 2009

QZ08084

10

MH

CONTINUED NEXT PAGE

DEPTH SCALE

1 : 40

CUSTOM LOG 8 (CARMACK COPPER) ALL 2007 HOLES.GPJ GLDR.CAN.ABB.GDT 03/04/08

PROJECT No. [REDACTED]

# RECORD OF BOREHOLE: BH-06-07

SHEET 4 OF 6

LOCATION: Sediment Pond

BORING DATE: August 8th and 26th to September 3rd, October 1st 2007

DATUM: [REDACTED]

N: -6912805 E: -412159

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 %	GRAVEL	SAND	FINES		
24		- 24.1 m to 24.6 m varves.			9	GS			0	8	94			T07-06
25														
26														
27														
28	ENCORE Diamond Drill	CL. CLAY, few fine sand, damp, low plasticity, grey to dark grey. (continued)												
29														
30		- 30.0 m to 30.5 m varves.												
31														
32														

YWB  
NOV 09 2009  
QZ08084

CONTINUED NEXT PAGE

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-06-07

SHEET 5 OF 6

LOCATION: Sediment Pond

BORING DATE: August 8th and 26th to September 3rd, October 1st 2007

DATUM: [REDACTED]

N: ~6912805 E: ~412159

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	BLOW/50.3m	RUN No.	RECOVERY %	GRAVEL	SAND	FINES			10 <sup>-6</sup>	10 <sup>-5</sup>	10 <sup>-4</sup>	10 <sup>-3</sup>														
32	ENCORE Diamond Drill	CL, CLAY, few fine sand, damp, low plasticity, grey to dark grey. (continued)	[Strata Plot]	[Elev. Depth]	[Number]	[Type]	[Blow/50.3m]	[Run No.]	[Recovery %]	[Gravel]	[Sand]	[Fines]	[Hydraulic Conductivity]	[Water Content Percent]	[Additional Lab. Testing]	T07-06																
33																																
34																																
35																																
36																	GP, poorly graded GRAVEL, trace cobbles, sub-angular.	36.20														
37																	SW, well graded SAND, with fines and gravel. [Nbn].															
37																	SP, poorly graded SAND, trace fines, coarse, brown and red. [N]	36.90														
38																	SC, clayey SAND, light grey, at 37.6 m to 37.9 m trace angular fine gravel. [Nt, Nbn]	37.20														
38																	Kilane Diamond Drill	Weathered granite BEDROCK to coarse sand and gravel.	[Strata Plot]	[Elev. Depth]	[Number]	[Type]	[Blow/50.3m]	[Run No.]	[Recovery %]	[Gravel]	[Sand]	[Fines]	[Hydraulic Conductivity]	[Water Content Percent]	[Additional Lab. Testing]	24
39																																
40																																

YWB  
NOV 09 2009  
QZ08 084

DEPTH SCALE

1 : 40

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

CONTINUED NEXT PAGE

PROJECT No. [REDACTED]

# RECORD OF BOREHOLE: BH-06-07

SHEET 6 OF 6

LOCATION: Sediment Pond  
N: -6912805 E: -412159

BORING DATE: August 8th and 26th to September 3rd, October 1st 2007

DATUM: [REDACTED]

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 %	GRAVEL	SAND	FINES			WATER CONTENT PERCENT	
															Wp	Wt
40	Kjarsne Diamond Drill	Granodiorite BEDROCK, fresh, strong, coarse. (continued)	[Pattern]													
41																
42																
43				43.00												
44		End of BOREHOLE. Thermistor installed and backfilled with grout to ground surface.														
45																
46																
47																
48																

T07-06

YWB  
NOV 09 2009  
Q Z 08 084

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

DEPTH SCALE  
1 : 40