

PROJECT No. [REDACTED]

RECORD OF BOREHOLE: BH-11-07

SHEET 1 OF 5

LOCATION: Events Pond

BORING DATE: August 17th to 26th, 2007

DATUM: [REDACTED]

N: ~6912994 E: ~411994

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														
		Volcanic Ash, fine sand, dry, greyish-white.		0.10												
		SP-SM, poorly-graded SAND to silty SAND, trace gravel, trace cobbles, rounded, loose, dry, grey-brown.		0.45												
1		SP, poorly-graded SAND, trace gravel, trace cobbles, fine sand, compact, dry, yellow-brown, mixed with lenses of fine organic silt, black, non-plastic.			1											
2					2	DO	23									
3	ENCORE Solid Stem Auger / SPT			1.90	3											
4		SW, well graded SAND, with gravel and silt, trace clay, max. size 8 cm, brown.			4	DO	13									
5					5											
6				5.10	6	DO	9									
7	ENCORE CRREL / SPT	- 6.5 m to 6.7 m GC, clayey, sandy GRAVEL. SC-GC, clayey SAND and GRAVEL, with silt, max. size 8 cm, low to medium plasticity, stiff, dark brown, oxidation stains from 6 m depth, contains scattered, fine to medium grained, clean sand lenses, clay is blue grey.			7	DO	10									
8					8											

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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-11-07

SHEET 2 OF 5
 DATUM [REDACTED]

LOCATION: Events Pond

BORING DATE: August 17th to 28th, 2007

N: -8912994 E: -411994

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 ⁴	10 ⁵			10 ⁶
8	ENCORE CORREL / SPT				9	GS			30	29	41					MH	
				8.58		10	GS			0	8	92					MH
				8.88													
9			ML-SP, SILT and poorly graded fine SAND, trace coarse sand, trace gravel, non plastic, dry, firm, dark brown and yellow-brown.		9.30												
						11	GS			0	14	86					MH
11			CL, CLAY, with sand and silt, trace to few gravel, low to moderate plasticity, dry, firm, angular to rounded, max size 3 cm, yellow-brown mottled with dark brown.														
13		ENCORE CORREL															
			SP, poorly-graded fine SAND, trace silt, dry, non-plastic, clean, very dense, yellow-brown, contains oxidation stains.		13.52												
14					14.10	DO	59										
			CL-SP, poorly-graded fine SAND and CLAY, dry, low to moderate plasticity, hard and very dense, medium brown with mottled red-brown, oxidation stains and lenses of clean medium grained, sand, up to 3 cm thick.														
15																	
15																	
16																	

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

CONTINUED NEXT PAGE

DEPTH SCALE

1 : 40

PROJECT No.: [REDACTED]

RECORD OF BOREHOLE: BH-11-07

SHEET 3 OF 5

LOCATION: Events Pond

BORING DATE: August 17th to 26th, 2007

DATUM: [REDACTED]

N: -6912994 E: -411994
 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 ⁰	10 ⁻⁴
16	ENCORE CORE	SC, clayey SAND, poorly graded fine sand, with gravel, angular to sub-rounded, max size 9 cm, dry, low to moderate plasticity, very dense, medium brown with mottled grey, white and red-brown.		16.55												
17		SC, clayey SAND, poorly graded coarse sand, few gravel, dry, low to moderate plasticity, very dense, medium brown with mottled red-brown, oxidation stains and lenses of clean medium grained, sand, up to 3 cm thick. (continued)														
18		GC, clayey SAND, well-graded sand, with gravel, angular to rounded, max size 14 cm, dry to moist, very dense, medium brown.														
19				14	GS					29	32	39				MH
20		GC-SC, clayey GRAVEL to clayey SAND, angular to rounded, max size 14 cm, wet, medium brown.		19.37												
21				20.28												
22		GC, clayey GRAVEL with sand, low plasticity, dry to moist, angular to rounded, of varying composition, medium brown.														
23																
24																

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21/08/2007

DEPTH SCALE

1 : 40

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

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PROJECT No.: [REDACTED]

RECORD OF BOREHOLE: BH-11-07

SHEET 4 OF 5
 DATUM: [REDACTED]

LOCATION: Events Pond
 N: -8912994 E: -411994

BORING DATE: August 17th to 26th, 2007

Note: North 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/S0.3m	RUN No.	RECOVERY %		GRAVEL	SAND			FINES	WATER CONTENT PERCENT	
									SAMPLE	CORE						Wp	Wi
24	ENCORE CERREL	GC, clayey GRAVEL with sand, low plasticity, dry to moist, angular to rounded, of varying composition, medium brown. (continued)		24.83													
25																	
26																	
27	ENCORE Diamond Drill	GW-SW, well graded gravelly SAND to sandy GRAVEL, with clay, trace cobbles, sub-rounded to angular, of varying composition.															
28																	
29																	
30		Recovered trace gravel. Assuming sand and fines washed during drilling.		29.52													
31																	
32																	

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CONTINUED NEXT PAGE

PROJECT No. [REDACTED]

RECORD OF BOREHOLE: BH-11-07

SHEET 5 OF 5

LOCATION: Events Pond

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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	BLOW/50.3m	RUN No.	RECOVERY %	GRAVEL	SAND	FINES	10 ⁻⁶	10 ⁻⁵		
32	ENCORE Diamond Drill	Recovered trace gravel. Assuming sand and fines washed during drilling. (continued)														
34																
35																
36																
36.40																
37		BEDROCK, highly to moderately weathered, very closely to closely jointed, joints are oxidized, weak pebbles and cobbles of granodiorite, max. size 7 cm, mottled ochre-yellow and medium brown.														
38																
39																
		Backfilled with grout to ground surface.														
39.75																
40		End of BOREHOLE.														

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DEPTH SCALE
1 : 40