

PROJECT No.: [REDACTED]

RECORD OF BOREHOLE: BH-07-07

SHEET 1 OF 5

LOCATION: Waste Rock Storage Area

BORING DATE: September 3rd, 4th, 13th and 14th, 2007

DATUM: [REDACTED]

N: -6914359 E: -411901

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	RECOVERY %	GRAVEL	SAND	FINES	WATER CONTENT PERCENT		
0		Ground Surface		0.00										
0.95	ENCORE COREL	OL, organic SILT and PEAT, sandy, trace gravel, angular, max size 2 cm, non-plastic to low plasticity, wet, black. - [0.65 m Nbn, Vx]		0.95										
1.22		SP, poorly graded SAND, fine, yellow-brown. [Nbn, Vx]		1.22										
1.70		OL, organic SILT and PEAT, sandy, trace gravel, angular, max size 2 cm, non-plastic to low plasticity, black. [Nbn, Vx]		1.70										
1.70 - 7.63	ENCORE COREL	SM-SC, silty SAND to clayey SAND, with gravel, trace cobbles, well-graded, angular to rounded, max size 2 cm, low to moderate plasticity, yellow-brown. [Nf to Nbe <2.5 cm, Vc and Vx]			11-1	GS								
7.63		SM, silty SAND, few to trace gravel, trace cobbles and boulders, well-graded, angular to sub-angular, non-plastic. [Nf to Nbe, Vc and Vx]		7.63					17 14	46 49	37 37			

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DEPTH SCALE

1 : 40

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

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PROJECT No.: ██████████

RECORD OF BOREHOLE: BH-07-07

SHEET 2 OF 5
DATUM: ██████████

LOCATION: Waste Rock Storage Area
N: -6914359 E: -411901

BORING DATE: September 3rd, 4th, 13th and 14th, 2007

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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 ----- W ----- Wl					
							20 40 60 80						10 ⁶	10 ⁵	10 ⁴	10 ³		
8																		
9																		
10																		
11																		
11.08				10.98	2	GS				2	82	16						MH PS, DS, C
12																		
12.08					3	GS				0	4	96						MH
12.18					4	GS				2	9	89						M
13																		
14																		
14.18																		
15																		
15.89																		
16																		

SM, silty SAND, few to trace gravel, trace cobbles and boulders, well-graded, angular to sub-angular, non-plastic. [Nf to Nbe, Vc and Vx] (continued)

CL. CLAY, trace to few sand, trace gravel, angular, max. size 1 cm, medium plasticity, visible ice and with soil inclusions 1 to 3 cm. [Nbe]

SC, clayey SAND, trace gravel, well-graded, angular, max size 1 cm, low plasticity, medium brown and grey. [Nf to Nbn]

SP-SM, silty SAND to poorly graded, fine SAND, non-plastic to low plasticity, greenish-grey.

SC-GC, clayey SAND and clayey GRAVEL, well-graded, angular to sub-rounded, low plasticity to non-plastic, yellow and medium brown mottled with variegated colour. [Nf and Nbe, Vx and Vc]

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

DEPTH SCALE

1 : 40

PROJECT No.: [REDACTED]

RECORD OF BOREHOLE: BH-07-07

SHEET 3 OF 5

LOCATION: Waste Rock Storage Area

BORING DATE: September 3rd, 4th, 13th and 14th, 2007

DATUM: [REDACTED]

N: ~6914359 E: ~411901

Note: Nothing and Easing 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 ⁻⁶
16	Kvaena Diamond Drill	SC-GC, clayey SAND and clayey GRAVEL, well-graded, angular to sub-rounded, low plasticity to non-plastic, yellow and medium brown mottled with variegated colour. [Nf and Nbe, Vx and Vc] (continued)	[Pattern]												
17															
18															
19															
20															
21															
22															
23		SM-SC, silty, clayey SAND with gravel, well-graded, angular to sub-rounded, non-plastic to low plasticity, trace organics, medium to dark grey, organic smell. [Nf to Nbn]		22.88											
24					1-3 5	GS			17	51	32				

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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]

RECORD OF BOREHOLE: BH-07-07

SHEET 4 OF 5

LOCATION: Waste Rock Storage Area

N: -6914359 E: -411901

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DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES		SAMPLE / CORE		GRADATION %			HYDRAULIC CONDUCTIVITY, $k, \text{cm/s}$		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	Kvaerner Diamond Drill	SC-GC, clayey SAND and GRAVEL, well-graded, angular to sub-rounded, low plasticity to non-plastic, yellow and medium brown mottled with variegated colour, contains lenses of fine sand and coarse sand. [Nbn]		24.40	6									
25														
26														
27														
28		Granodiorite BEDROCK, coarse grained, highly jointed, weak, variably weathered, mottled brown, black, white and ochre.		27.76										
29														
30		Granodiorite BEDROCK, coarse grained, fresh, moderately strong, very closely jointed, small fault zone with gouge at 33.05 m to 33.10 m, mottled black, brown and white and scattered pink.		29.81										
31														
32														

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

DEPTH SCALE
1 : 40

PROJECT No.: [REDACTED]

RECORD OF BOREHOLE: BH-07-07

SHEET 5 OF 5

LOCATION: Waste Rock Storage Area

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DATUM: [REDACTED]

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DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES		SAMPLE / CORE		GRADATION %			HYDRAULIC CONDUCTIVITY, $k, \text{cm/s}$				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			
33	Kluge Diamond Drill	Granodiorite BEDROCK, coarse grained, fresh, moderately strong, very closely jointed, small fault zone with gouge at 33.05 m to 33.10 m, mottled black, brown and white and scattered pink. (continued)														
34				End of BOREHOLE. Backfilled with grout to ground surface.	33.06											

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