PROJECT No.: [redacted]

RECORD OF BOREHOLE: BH-18-07

SHEET 1 OF 9
DATUM: [redacted]

LOCATION: Waste Rock Storage Area
N: ~6914478 E: ~412207
Note: Northing and Easting Coordinates have been determined by GPS in the field and are approximate only.

BORING DATE: September 15th, 16th and 17th, 2007

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: BLOWS/0.3m	SAMPLE / CORE: RUN No.	SAMPLE / CORE: RECOVERY % (SAMPLE / CORE)	GRADATION %: GRAVEL	GRADATION %: SAND	GRADATION %: FINES	HYDRAULIC CONDUCTIVITY, k, cm/s (10^{-6} 10^{-5} 10^{-4} 10^{-3}) / WATER CONTENT PERCENT (Wp, W, Wl; 10 20 30 40)	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
0	Kluane Diamond Drill	Ground Surface		0.00											T07-10
		PT-SP, poorly-graded SAND and PEAT, with silt, fine sand, non-plastic, with moss, plant debris, and volcanic ash.		0.82											
1		- 1.6 m [Nbe, Vc, Vs, Vr]			1	GS				13	50	37	W O	MH	
2															
3															
4		SC-SM, clayey SAND and silty SAND, few to with gravel, trace cobbles, sub-rounded to sub-angular gravel, max. size 2 cm, fine sand, low plasticity, yellow-brown, contains lenses of clean medium sand. [Nbe, Vc, Vs, Vr]													
5		- increasing clay content with depth.													
6															
7															
8		*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
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[redacted]

PROJECT No.: [redacted]

RECORD OF BOREHOLE: BH-18-07

SHEET 2 OF 9
DATUM: [redacted]

LOCATION: Waste Rock Storage Area
N: ~6914478 E: ~412207
Note: Northing and Easting Coordinates have been determined by GPS in the field and are approximate only.

BORING DATE: September 15th, 16th and 17th, 2007

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: BLOWS/0.3m	SAMPLE / CORE: RUN No.	SAMPLE / CORE: RECOVERY % (SAMPLE / CORE)	GRADATION %: GRAVEL	GRADATION %: SAND	GRADATION %: FINES	HYDRAULIC CONDUCTIVITY, k, cm/s (10^{-6} 10^{-5} 10^{-4} 10^{-3}) / WATER CONTENT PERCENT (Wp, W, Wl; 10 20 30 40)	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
8	Klusne / Diamond Drill	SC-SM, clayey SAND and silty SAND, few to with gravel, trace cobbles, sub-rounded to sub-angular gravel, max. size 2 cm, fine sand, low plasticity, yellow-brown, contains lenses of clean medium sand. [Nbe, Vc, Vs, Vr]													T07-10
9		- increasing clay content with depth. *(continued)*		9.00	2	GS							W		
10															10
11															11
12		SW-SM, well-graded, SAND and silty SAND, trace sub-angular to sub-rounded gravel, medium grey-brown. [Nf, Nbn, Nbe, ice lenses <2.5 cm up to 8 cm long]													12
14				14.00	3	GS				6	1	93		MH	
15		ML-CL, SILT and CLAY, trace to few sand, trace to few gravel, sub-rounded, max size 1.5 cm. [Nf, Nbn, Nbe]													
16		*CONTINUED NEXT PAGE*													

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DEPTH SCALE
1 : 40

[redacted]

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

PROJECT No.: [redacted]

RECORD OF BOREHOLE: BH-18-07

SHEET 3 OF 9

DATUM [redacted]

LOCATION: Waste Rock Storage Area
N: ~6914478 E: ~412207
Note: Northing and Easting Coordinates have been determined by GPS in the field and are approximate only.

BORING DATE: September 15th, 16th and 17th, 2007

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: BLOWS/0.3m	SAMPLE / CORE: RUN No.	SAMPLE / CORE: RECOVERY % (SAMPLE / CORE)	GRADATION %: GRAVEL	GRADATION %: SAND	GRADATION %: FINES	HYDRAULIC CONDUCTIVITY, k, cm/s (10^{-6} 10^{-5} 10^{-4} 10^{-3}) / WATER CONTENT PERCENT (Wp — W — Wl; 10 20 30 40)	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
16															T07-10
17															
18		ML-CL, SILT and CLAY, trace to few sand, trace to few gravel, sub-rounded, max size 1.5 cm. [Nf, Nbn, Nbe] *(continued)*													
19		- 18.60 m clay lenses up to 10 cm thick, medium grey brown.													13
20	Kbarre Diamond Drill			19.25											
21		SM, silty SAND, with gravel, medium to fine sand, medium to coarse angular gravel, max. size 3 cm, grey. [Nf, Nbn, Nbe]													
22															
23															
24		*CONTINUED NEXT PAGE*													14

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

DEPTH SCALE
1 : 40

[redacted]

PROJECT No.: [redacted]

RECORD OF BOREHOLE: BH-18-07

SHEET 4 OF 9

DATUM: [redacted]

LOCATION: Waste Rock Storage Area
N: ~6914478 E: ~412207
Note: Northing and Easting Coordinates have been determined by GPS in the field and are approximate only.

BORING DATE: September 15th, 16th and 17th, 2007

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: BLOWS/0.3m	SAMPLE / CORE: RUN No.	RECOVERY % (SAMPLE / CORE)	GRADATION %: GRAVEL	GRADATION %: SAND	GRADATION %: FINES	HYDRAULIC CONDUCTIVITY, k, cm/s (10^{-6} 10^{-5} 10^{-4} 10^{-3}) / WATER CONTENT PERCENT (Wp, W, Wl; 10 20 30 40)	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
24	Klusne / Diamond Drill	SM, silty SAND, with gravel, medium to fine sand, medium to coarse angular gravel, max. size 3 cm, grey. [Nf, Nbn, Nbe] *(continued)*													T07-10
25				25.33											
26		ML-SM, sandy SILT and silty SAND, low plasticity, medium to coarse sand. [Vx, ice <2 cm up to 8 cm, with soil inclusions]													
27					4	GS							O		
28															15
29				29.05											
30		SC-CL, clayey SAND to CLAY, with gravel, sub-angular to sub-rounded, low to medium plasticity, medium grey-brown. [Nbn, Vr, Vx, ice <2.5 cm up to 10 cm]													
31															
32		*CONTINUED NEXT PAGE*													

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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-18-07

SHEET 5 OF 9
DATUM: [redacted]

LOCATION: Waste Rock Storage Area
N: ~6914478 E: ~412207
Note: Northing and Easting Coordinates have been determined by GPS in the field and are approximate only.

BORING DATE: September 15th, 16th and 17th, 2007

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: BLOWS/0.3m	SAMPLE / CORE: RUN No.	SAMPLE / CORE: RECOVERY % (SAMPLE / CORE)	GRADATION %: GRAVEL	GRADATION %: SAND	GRADATION %: FINES	HYDRAULIC CONDUCTIVITY, k, cm/s (10^{-6} 10^{-5} 10^{-4} 10^{-3}) / WATER CONTENT PERCENT (Wp, W, Wl; 10 20 30 40)	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
32	Kbarne / Diamond Drill	SC-CL, clayey SAND to CLAY, with gravel, sub-angular to sub-rounded, low to medium plasticity, medium grey-brown. [Nbn, Vr, Vx, ice <2.5 cm up to 10 cm] *(continued)*													T07-10
33															16
34															
35															
36															
37															
38				38.20											17
39		CL, CLAY, trace sand, trace gravel, low to medium plasticity, varved, grey. [Nbn]													
40		*CONTINUED NEXT PAGE*													

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DEPTH SCALE
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CUSTOM LOG 6 (CARMACK COPPER) ALL 2007 HOLES.GPJ GLDR_CAN_ABB.GDT 03/04/09

PROJECT No.: [redacted]

RECORD OF BOREHOLE: BH-18-07

SHEET 6 OF 9

DATUM [redacted]

LOCATION: Waste Rock Storage Area

N: ~6914478 E: ~412207

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

BORING DATE: September 15th, 16th and 17th, 2007

PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION: T07-10

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: BLOWS/0.3m	SAMPLE / CORE: RUN No.	RECOVERY % (SAMPLE / CORE)	GRADATION %: GRAVEL	GRADATION %: SAND	GRADATION %: FINES	HYDRAULIC CONDUCTIVITY, k, cm/s / WATER CONTENT PERCENT (Wp, W, Wl)	ADDITIONAL LAB. TESTING
40	Kluane Diamond Drill	CL, CLAY, trace sand, trace gravel, low to medium plasticity, varved, grey. [Nbn] *(continued)*			5	GS							Wp, W, Wl	
41														
42														
43														
44														
45														
46														
47														
48		*CONTINUED NEXT PAGE*												

HYDRAULIC CONDUCTIVITY, k, cm/s: 10^{-6} 10^{-5} 10^{-4} 10^{-3}

WATER CONTENT PERCENT: 10 20 30 40

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

DEPTH SCALE
1 : 40

[redacted]

PROJECT No.: [redacted]

RECORD OF BOREHOLE: BH-18-07

SHEET 7 OF 9

LOCATION: Waste Rock Storage Area
N: ~6914478 E: ~412207
Note: Northing and Easting Coordinates have been determined by GPS in the field and are approximate only.

BORING DATE: September 15th, 16th and 17th, 2007

DATUM [redacted]

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: BLOWS/0.3m	SAMPLE / CORE: RUN No.	SAMPLE / CORE: RECOVERY % (SAMPLE / CORE)	GRADATION %: GRAVEL	GRADATION %: SAND	GRADATION %: FINES	HYDRAULIC CONDUCTIVITY, k, cm/s; WATER CONTENT PERCENT (Wp, w, Wl)	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
48	Sonic / Diamond Drill	CL, CLAY, trace sand, trace gravel, low to medium plasticity, varved, grey. [Nbn] *(continued)*													T07-10
49															
50															
51															
52															
53				53.23											
54		SC-GC, clayey SAND and GRAVEL, sub-angular, organic debris and organic lenses, organic odour, dark grey. [Nbn, Vc, ice]			6										
55															
56		*CONTINUED NEXT PAGE*													

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DEPTH SCALE
1 : 40

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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-18-07

SHEET 8 OF 9
DATUM: [redacted]

LOCATION: Waste Rock Storage Area
N: ~6914478 E: ~412207
Note: Northing and Easting Coordinates have been determined by GPS in the field and are approximate only.

BORING DATE: September 15th, 16th and 17th, 2007

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	SOIL PROFILE: STRATA PLOT	SOIL PROFILE: ELEV. / DEPTH (m)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: BLOWS/0.3m	SAMPLE / CORE: RUN No.	SAMPLE / CORE: RECOVERY % (SAMPLE / CORE)	GRADATION %: GRAVEL	GRADATION %: SAND	GRADATION %: FINES	HYDRAULIC CONDUCTIVITY, k, cm/s (10^{-6} 10^{-5} 10^{-4} 10^{-3}) / WATER CONTENT PERCENT (Wp — W — Wl; 10 20 30 40)	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
56	Kluane Diamond Drill	SC-GC, clayey SAND and GRAVEL, sub-angular, organic debris and organic lenses, organic odour, dark grey. [Nbn, Vc, Ice] *(continued)*													T07-10
57															
58															
59															
60															
61															
62															
63															
64		*CONTINUED NEXT PAGE*													

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DEPTH SCALE
1 : 40

[redacted]

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

PROJECT No.: [redacted]

RECORD OF BOREHOLE: BH-18-07

SHEET 9 OF 9
DATUM: [redacted]

LOCATION: Waste Rock Storage Area
N: ~6914478 E: ~412207
Note: Northing and Easting Coordinates have been determined by GPS in the field and are approximate only.

BORING DATE: September 15th, 16th and 17th, 2007

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE: DESCRIPTION	STRATA PLOT	ELEV. / DEPTH (m)	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: BLOWS/0.3m	SAMPLE / CORE: RUN No.	SAMPLE / CORE: RECOVERY % (SAMPLE / CORE)	GRADATION %: GRAVEL	GRADATION %: SAND	GRADATION %: FINES	HYDRAULIC CONDUCTIVITY, k, cm/s (10^{-6} 10^{-5} 10^{-4} 10^{-3}) / WATER CONTENT PERCENT (Wp, w, Wl; 10 20 30 40)	ADDITIONAL LAB. TESTING	PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION
64	Klaene Diamond Drill	SC-GC, clayey SAND and GRAVEL, sub-angular, organic debris and organic lenses, organic odour, dark grey. [Nbn, Vc, ice] *(continued)*													T07-10
65				65.38											
		Highly weathered granodiorite BEDROCK, coarse grained, friable.													
66				66.14											
67		Granodiorite BEDROCK with pegmatitic zones, fresh to slightly weathered, oxidized, very close to closely jointed, coarse-grained, joints are sub-horizontal, planar, rough and oxidized.													
68															
69		End of BOREHOLE. Thermistor installed and backfilled with grout to ground surface.		68.90											
70															
71															
72															

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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