

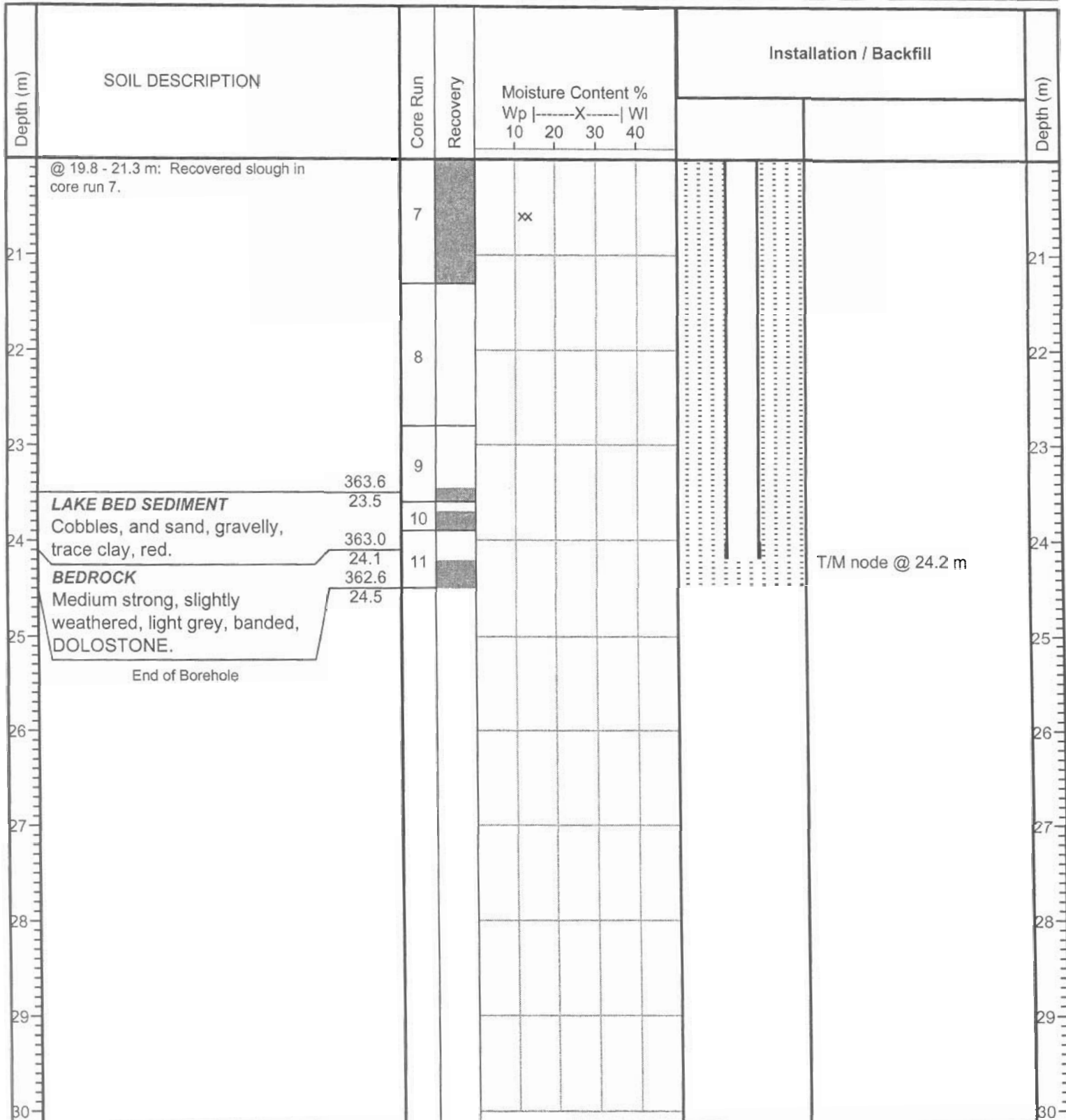
DRILL HOLE # BGC03-11

Page 3 of 3

Date Drilled: May 13, 2003
 Contractor & Rig: Mine's Diamond Drill
 Drill Method: BQ Chilled Brine Coring
 Hammer Type: N/A

Location: Surface Cell
 Elevation: 387.1 m
 Co-ord: 13529.6N, 17371.1E (Mine Grid)
 Logged by: G. Ferris

Project No. 0255-008-03
 Reviewed by: J. Cassie
 Notes: Thermistor installed, Tag #25-3



BGC ENGINEERING INC.
 AN APPLIED EARTH SCIENCES COMPANY

Calgary, AB

Phone (403) 250-5185

CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 24.5 m

DRILL HOLE # BGC03-12

Page 1 of 2

Date Drilled: May 14, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: Surface Cell

Elevation: 387.6 m

Co-ord: 13506.5N, 17429.5E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-03

Reviewed by: J. Cassie

Notes: Vibrating Wire Piezometer Installed

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content %				Installation / Backfill		Depth (m)
				Wp	X	WI				
0	Ground Surface 387.6									0
0	SHALE (FILL) 387.3									0
0.3	SHALE and dolostone, cobbles, trace gravel.	1		x					Metal surface protector.	0.3
0.9	TAILINGS 386.7									0.9
0.9	SAND, some silt, frozen, friable, no visible ice (unless noted).	2							Stick-up of 0.9 m.	0.9
1.6	SHALE (FILL) 386.0	3								1.6
1.6	Cobbles, gravelly, no visible ice.									1.6
2	TAILINGS	4							25 mm solid PVC pipe.	2
2	SAND, and silt, fine grained, frozen, bonded, no visible ice (unless noted).									2
3	@ 0.4 m: 20 mm thick silt zone with 30% ice.	5								3
3	@ 0.7 m: 25 mm thick silt zone with 40% ice.									3
4	@ 2.1 m: Medium grained sand.									4
4	@ 3.75 m: 12.5 mm thick zone of silt, some sand.			x						4
5	@ 4.0 m: Interbeds of sand (medium), some silt and silt, some sand. Silt, has 3% visible ice in lenses about 1 mm thick.	6		x					Heat trace cable installed in center of PVC casing.	5
5		7								5
6				x						6
7	@ 7.3 m: 25 m thick silt zone with 30% visible ice.	8								7
7	@ 7.3 m: SILT, sandy, 3% visible ice.								Backfilled with slough and crusher reject.	7
8	@ 8.15 m: 75 mm thick zone of silt with 70% visible ice.	9								8
8	@ 8.9 m: 25 mm thick zone of silt with 30% visible ice.			x						8
9	@ 9.0 m: 25 mm thick zone of silt with 30% visible ice.	10								9
9	@ 9.4 m: 15% visible ice as lenses in a silt, some sand matrix.									9
10		11								10



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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 19.8 m

DRILL HOLE # BGC03-12

Page 2 of 2

Date Drilled: May 14, 2003
Contractor & Rig: Mine's Diamond Drill
Drill Method: BQ Chilled Brine Coring
Hammer Type: N/A

Location: Surface Cell
Elevation: 387.6 m
Co-ord: 13506.5N, 17429.5E (Mine Grid)
Logged by: G. Ferris

Project No. 0255-008-03
Reviewed by: J. Cassie
Notes: Vibrating Wire Piezometer Installed

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content % Wp -----X----- Wl 10 20 30 40	Installation / Backfill		Depth (m)
10.15	@ 10.15 m: SAND, silty, fine, no visible ice.			x			10.15
10.9 - 11.4	@ 10.9 - 11.4 m: 10% visible ice as lenses.						10.9 - 11.4
11.4 - 12.2	@ 11.4 - 12.2 m: SILT, trace sand, 40% visible ice as lenses, lenses were about 4 mm thick.	12					11.4 - 12.2
12.2	ICE			x			12.2
12.2							12.2
13		13					13
14							14
14.6	TAILINGS						14.6
14.6	No sample recovered below 14.6 m. At 14.6 m drill string advanced with no applied head pressure.						14.6
16.8	@ 16.8 m: Artesian pressure encountered.	14					16.8
19.8	End of Borehole						19.8



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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 19.8 m

DRILL HOLE # BGC03-13

Page 1 of 2

Date Drilled: May 15, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: Surface Cell

Elevation: 386.3 m

Co-ord: 13442.4N, 17371.2E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-03

Reviewed by: J. Cassie

Notes: Thermistor Installed, Tag #20-1

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content %				Installation / Backfill		Depth (m)
				Wp	X	WI				
0	Ground Surface	386.3								0
	SHALE (FILL)	0.0								
	Gravel, some sand, trace cobble.	385.8	1						Metal surface protector.	
		0.5								
1	TAILINGS	385.4		x						
	SAND, some silt, medium to fine, frozen, bonded, no visible ice (unless noted).	0.9							T/M node @ 1.1 m	1
2	ICE	384.5	2							
	TAILINGS	1.8							Stick-up of 0.7 m	2
	SILT, and sand, frozen, bonded, no visible ice (unless noted).									
3	@ 0.6 - 0.9 m: 5 - 10% visible ice, two 75 mm thick silt zones.		3	x						3
	@ 3.35 m: 4 - 12 mm thick silt, trace sand zone, interbedded until 3.65 m.		4	x					T/M node @ 3.6 m	4
4			5							
	@ 4.5 - 4.6 m: 5% visible ice.		6						25 mm solid PVC pipe.	4
	@ 4.6 - 4.9 m: SAND, some silt, no visible ice, bonded.		7	x						
5	@ 4.9 m: SILT, and sand.		8							5
6			9							
	@ 6.6 m: SAND, trace silt.		10	x					T/M node @ 6.1 m	6
7			11							7
8	@ 7.9 - 8.45 m: 2% visible ice.								T/M node @ 7.6 m	8
	@ 8.45 - 8.5 m: SILT, trace sand, 30% visible ice as lenses up to 4 mm wide.									
	@ 8.5 m: SILT, and sand.									
9										9
10									T/M node @ 9.6 m	10



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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 16.5 m

DRILL HOLE # BGC03-13

Page 2 of 2

Date Drilled: May 15, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: Surface Cell

Elevation: 386.3 m

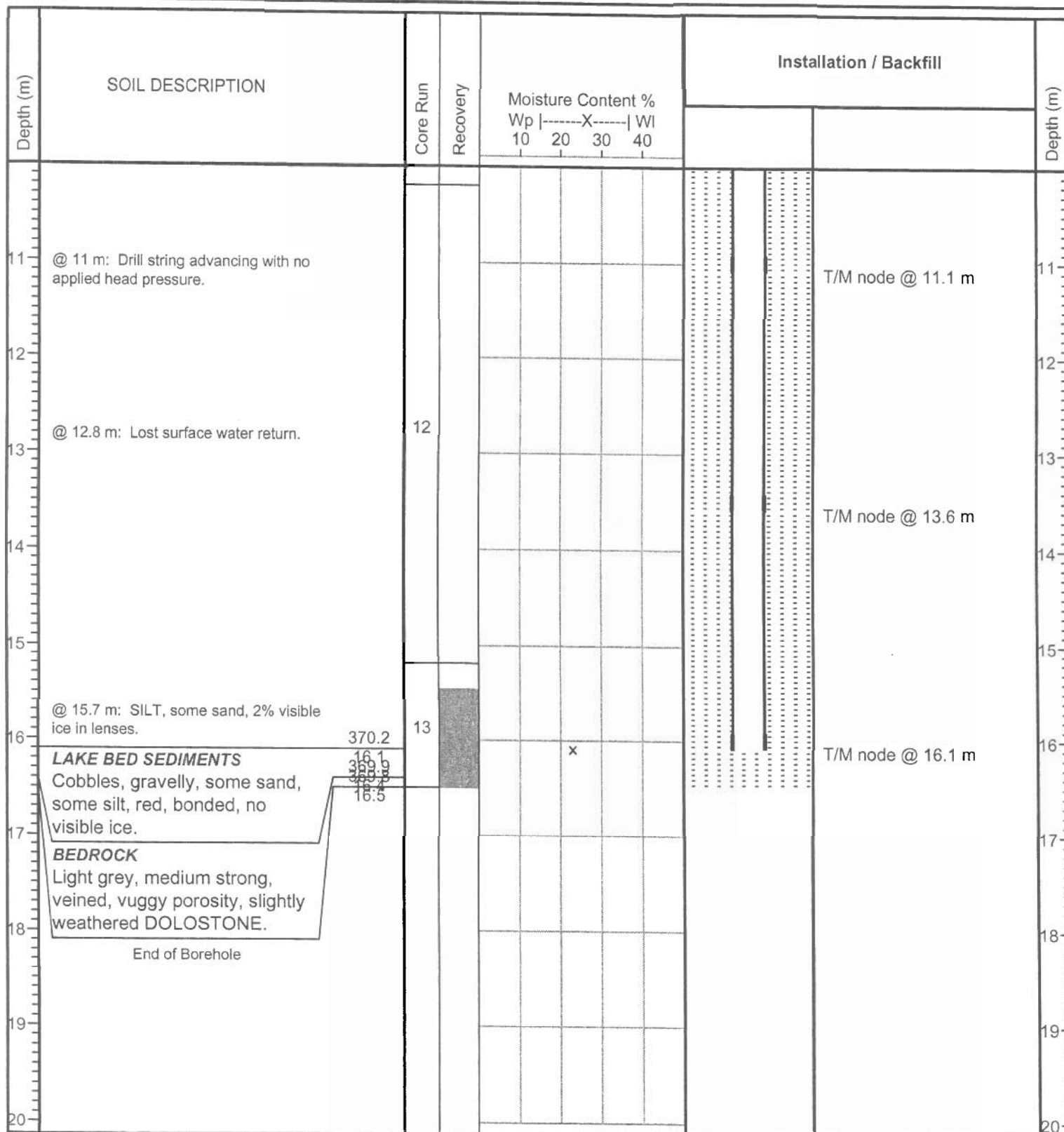
Co-ord: 13442.4N, 17371.2E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-03

Reviewed by: J. Cassie

Notes: Thermistor Installed, Tag #20-1



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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 16.5 m

DRILL HOLE # BGC03-14

Date Drilled: May 17, 2003
 Contractor & Rig: Mine's Diamond Drill
 Drill Method: BQ Chilled Brine Coring
 Hammer Type: N/A

Location: Surface Cell
 Elevation: 386.7 m
 Co-ord: 13428.5N, 17384.3E (Mine Grid)
 Logged by: G. Ferris

Project No. 0255-008-03

Reviewed by: J. Cassie

Notes: Vibrating Wire Piezometer Installed

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content %				Installation / Backfill		Depth (m)
				Wp	X	WI				
0	Ground Surface	386.7								0
0	SHALE (FILL)	0.0	1						Metal surface protector.	0
	Gravel, cobbly, some sand, frozen, bonded.		2							
1	TAILINGS	385.8	3							1
	SILT, trace sand, frozen, bonded, 40 % visible ice as lenses, up to 4 mm thick. @ 0.45 m: Friable.	0.9	4						Stick-up of 0.7 m	
2	Below 1.2 m: SAND, some silt, medium, no visible ice.								25 mm solid PVC pipe.	2
3	@ 2.1 m: medium to coarse sand, trace silt.		5	x						3
4	@ 3.65 m: SAND, some silt, medium to fine.		6						Backfilled with slough and shale.	4
5				x					Heat trace installed inside PVC casing.	5
6									@ 4.6 m: 25 mm screened PVC pipe down to 12.2 m.	6
7	@ 6.7 m: 10 mm thick layered zones of light grey medium sand, some silt, and dark grey coarse sand, trace silt.		7							7
8				x						8
9	@ 9.1 m: Drill advances with no applied head pressure.									9
10										10



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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 12.2 m

DRILL HOLE # BGC03-14

Date Drilled: May 17, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: Surface Cell

Elevation: 386.7 m

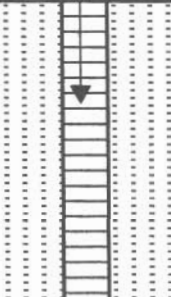
Co-ord: 13428.5N, 17384.3E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-03

Reviewed by: J. Cassie

Notes: Vibrating Wire Piezometer Installed

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content % Wp -----X----- Wl 10 20 30 40	Installation / Backfill		Depth (m)
11	@ 10.7 m: Artesian pressure encountered.	8				@ 10.84 m Vibrating wire piezometer installed s/n VW 0446 (Sept. 2003)	11
12	@ 11.5 m: SILT, trace sand, thawed, moist-wet.			x			12
	End of Borehole	374.5 12.2					
13							13
14							14
15							15
16							16
17							17
18							18
19							19
20							20

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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 12.2 m

DRILL HOLE # BGC03-15

Date Drilled: May 17, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: Surface Cell

Elevation: 387.5 m

Co-ord: 13411.5N, 17385.4E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-03

Reviewed by: J. Cassie

Notes: Thermistor Installed, Tag # 15-2

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content %				Installation / Backfill		Depth (m)
				Wp	X	WI				
	Ground Surface	387.5								
0	SHALE (FILL) Cobbles, some gravel, frozen, no surface water return.	0.0	1						Metal surface protector.	0
1	@ 1.4 m: 250 mm zone with 30% visible ice as lenses, bonded.	386.1	2						Stick-up of 0.7 m	1
2	TAILINGS SAND, some silt, medium to coarse, frozen, friable, no visible ice (unless noted). @ 1.8 - 2.2 m: SILT, some sand.	1.4	3	x					25 mm solid PVC pipe.	2
3				x					T/M node @ 2.7 m	3
4			4						T/M node @ 3.7 m	4
5			5						T/M node @ 4.7 m	5
6	@ 6.1 m: SAND, silty, medium.		6						T/M node @ 5.7 m	6
7			7						T/M node @ 6.7 m	7
8									T/M node @ 7.7 m	8
9	@ 9.1 m - 10.7 m: Thawed tailings and artesian water pressure encountered in borehole.		8						Backfilled with slough.	9
10									T/M node @ 9.7 m	10


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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 16.6 m

DRILL HOLE # BGC03-15

Date Drilled: May 17, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: Surface Cell

Elevation: 387.5 m

Co-ord: 13411.5N, 17385.4E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-03

Reviewed by: J. Cassie

Notes: Thermistor Installed, Tag # 15-2

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content %				Installation / Backfill		Depth (m)
				Wp	X	WI				
				10	20	30	40			
11	@ 11.0 - 11.4 m: SILT, some sand.				x					11
	@ 11.4 - 11.6 m: Trace sand, 7% visible ice as lenses up to 4 mm thick.	9			x					
	@ 11.7 m: 3 - 5% visible ice.									
12	@ 12.4 - 12.5 m: 15% visible ice.									12
	@ 12.5 - 12.8 m: 3 - 5% visible ice.	10			x					
13	@ 12.95 - 13.3 m: 5% visible ice, lenses 1- 2 mm thick.									13
	@ 13.33 m: SAND, some silt, medium, 2% visible ice.									
14	@ 13.4 to 14.0 m: Driller notes drill rods need to be held up. Probable thawed tailings.	11								14
15	@ 14.9 m: No visible ice.									15
	@ 15.1 m: SILT, some sand, 5% visible ice.									
	@ 15.4 m: Trace sand.	12								
	@ 15.8 m: 2% visible ice as lenses.									
16	371.4									16
	370.9									
	16.2									
	16.6	13			x					
17	LAKE BED SEDIMENTS									17
	Cobbles, some sand, some gravel, red, frozen, bonded, no visible ice.									
	BEDROCK									
	Light grey, medium strong, frost shattered, slightly weathered DOLOSTONE.									
18	End of Borehole									18
19										19
20										20

T/M node @ 11.7 m

T/M node @ 14.2 m

T/M node @ 16.5 m

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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 16.6 m

DRILL HOLE # BGC03-18

Date Drilled: May 20, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: South Toe of the WT Dike

Elevation: 373.0 m

Co-ord: 13456.1N, 17563.6E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-03

Reviewed by: J. Cassie

Notes: Thermocouple Installed

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content %				Installation / Backfill		Depth (m)
				Wp	X	WI				
				10	20	30	40			
0	Ground Surface 373.0									0
	SHALE (FILL) 0.0									
	Cobbles, some gravel. 372.5									
	TAILINGS 0.5									
1	SAND, some silt, medium, frozen, bonded, no visible ice (unless noted).	1								1
	@ 1.7 m: SILT, and sand.			x						
2	@ 2.15 - 2.4 m: SILT, trace sand, 40% visible ice as lenses up to 6 mm thick.	2								2
	@ 2.4 - 2.7 m: 20% visible ice as lenses.									
3	@ 3.05 m: SAND, trace silt.	3								3
4				x						4
	@ 5.3 m: SAND, medium with 10 mm thick coarse sand.									
5	@ 5.8 m: SILT, trace sand.	4								5
	@ 5.95 - 6.1 m: 5% visible ice as lenses.									
	@ 6.4 - 6.55 m: 5% visible ice as lenses.									
6	@ 7.0 m: Red surface water return.	5								6
	@ 7.3 m: Water return creamy red, smooth drilling.	6								
	366.3	7								
	LAKE BED SEDIMENTS 6.7									
7	SILT, clayey, red, frozen, friable. 7.0									7
	BEDROCK	8								
8	Highly frost shattered, silt and clay mixed joints of bedrock, medium strong DOLOSTONE. 364.5									8
	End of Borehole 8.5									
9										9
10										10


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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 8.5 m

DRILL HOLE # BGC03-19

Date Drilled: May 20, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: South Toe of the WT Dyke

Elevation: 373.0 m

Co-ord: 13502.3N, 17581.8E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-03

Reviewed by: J. Cassie

Notes: Thermistor Installed, Tag #10-1

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content %				Installation / Backfill		Depth (m)
				Wp	X	WI				
	Ground Surface	373.0								
0	SHALE (FILL)	0.0								0
	Gravel, cobbly, trace sand, frozen.	372.2	1						T/M node @ 0.3 m Metal surface protector	
1	TAILINGS	0.8								1
	SAND, some trace silt, frozen, bonded, no visible ice (unless noted).		2						T/M node @ 1.3 m	
2	@ 1.4 - 1.5 m: 1% visible ice.									2
	@ 1.8 m: 50 mm thick zone of silt with 60% visible ice as lenses.		3						T/M node @ 2.3 m	
3	@ 1.9 m: SAND, some silt, medium grained.								Backfilled with gravel sized shale.	3
	@ 2.3 m: SAND, and silt.								T/M node @ 3.3 m	
4	@ 2.7 - 2.9 m: SILT, trace sand, 50% visible ice as lenses.		4							4
	@ 3.65 m: 3 - 5% visible ice as lenses, silt, trace sand.								T/M node @ 4.3 m	
5			5							5
	@ 5.2 m: 5% visible ice as lenses, silt, bonded, with medium grained sand.									
6	@ 5.6 m: SAND, trace silt, no visible ice.		6						25 mm solid PVC pipe	6
7	@ 6.7 m: Some silt.		7							7
									T/M node @ 6.8 m	
8	@ 7.6 m: SILT, sandy, 3% visible ice to 8.5 m.		8							8
9			9							9
		363.6							T/M node @ 9.3 m	
	LAKE BED SEDIMENTS	9.4								
	SILT, and clay, red, frozen, friable.	363.2								
10		9.8								10


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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 9.8 m

DRILL HOLE # BGC03-20

Page 1 of 2

Date Drilled: May 21, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: Surface Cell

Elevation: 386.5 m

Co-ord: 13593.9N, 17212.1E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-003

Reviewed by: J. Cassie

Notes: Thermistor Installed, Tag #20-2

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content %				Installation / Backfill		Depth (m)
				Wp	X	WI				
0	Ground Surface	386.5								0
0	SHALE (FILL)	0.0								0
0.3	Gravel, some sand, some cobbles, frozen, no visible ice.	386.1								0.3
1	TAILINGS									1
1	SAND, silty, medium to coarse, frozen, bonded, no visible ice (unless noted).									1
2	@ 1.7 m: 50 mm zone of sand, trace silt, 40% ice as lenses.									2
2	2.05 m: 75 mm zone of silt, sandy, 1% ice as lenses.	384.0			x					2
3	ICE	2.5								3
3	estimated 5% soil.									3
4	@ 5.0 m: 50% silt.									4
4	TAILINGS	382.4								4
4.1	SILT, trace sand, frozen, bonded, 30% visible ice as lenses.	381.8			x					4.1
4.7		381.3								4.7
5	ICE	5.2								5
5	TAILINGS				x					5
5	SILT, trace sand, frozen, bonded, no visible ice (unless noted).									5
6	@ 5.8 - 8.22 m: No recovery except ice chips in return water.									6
7										7
8										8
8	@ 8.3 m: 30% visible ice to 8.5 m.									8
8	@ 8.5 m: 70% visible ice to 8.8 m.									8
9	@ 8.8 m: 50% visible ice to 10.05 m.				x					9
9					x					9
10	@ 10.05 m: Sandy.									10
10		11								10



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Phone (403) 250-5185

CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 20.0 m

DRILL HOLE # BGC03-20

Date Drilled: May 21, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: Surface Cell

Elevation: 386.5 m

Co-ord: 13593.9N, 17212.1E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-003

Reviewed by: J. Cassie

Notes: Thermistor Installed, Tag #20-2

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content % Wp -----X----- Wl 10 20 30 40	Installation / Backfill		Depth (m)
11				x			11
12	@ 11.9 m: Driller noted hard drilling.	12				T/M node @ 11.1 m	11
13	@ 13.4 m: Drill advances with no head pressure applied.					T/M node @ 13.1 m	13
14	@ 14.3 m: Artesian pressure.					T/M node @ 14.6 m	14
15							15
16		13					16
17						T/M node @ 17.1 m	17
18							18
19	@ 18.9 m: Drill needs pressure to advance. Sand, some silt, frozen, bonded, no visible ice.						19
	@ 19.0 m: Silt, trace sand.	367.2					
	LAKE BED SEDIMENTS	19.3					
	SAND, some silt, frozen, friable, no visible ice.	366.5		x		T/M node @ 19.6 m	
20		20.0		x			20


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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 20.0 m

DRILL HOLE # BGC03-21

Date Drilled: May 22, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: Surface Cell

Elevation: 387.3 m

Co-ord: 13734.9N, 17327.9E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-03

Reviewed by: J. Cassie

Notes: Thermistor Installed, Tag #15-1

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content %				Installation / Backfill		Depth (m)
				Wp	X	WI				
				10	20	30	40			
0	Ground Surface	387.3								0
	SHALE (FILL)	0.0								
	Gravel, cobbly, some sand.	386.8								
	TAILINGS	0.5	1						Metal surface protector	
1	SAND, trace silt, fine, frozen, bonded, 15% visible ice.	386.2							25 mm solid PVC pipe.	1
	ICE	1.1								
	@ 1.3 m: 250 mm zone of tailings, silt, with 35% visible ice as lenses.		2						T/M node @ 2.0 m	2
2	@ 2.1 m: 65 mm zone of tailings, silt, with 70% visible ice as lenses.									
3	@ 3.9 m: SAND, trace silt, 30% visible ice as lenses.	383.7	3						T/M node @ 3.0 m	3
	TAILINGS	3.6							Backfilled with gravel sized shale.	
4	SILT, trace sand, bonded, frozen, 15% visible ice as lenses.			x					T/M node @ 4.0 m	4
5	@ 4.0 m: SAND, trace silt, medium, no visible ice, bonded.		4		x				T/M node @ 5.0 m	5
	@ 5.5 m: 175 mm zone of ice with 40% soil.									
	@ 5.3 m: 175 mm zone of ice with 40% soil.	381.5			x				T/M node @ 6.0 m	6
6	ICE AND TAILINGS	5.8	5						T/M node @ 7.0 m	7
	(silt, some clay, trace sand), 35% soil.									
7										
	TAILINGS	379.8	6							
8	SILT, some clay, trace sand, frozen, bonded, 3% visible ice.	7.5								
9	@ 8.7 m: Sandy, 20% visible ice.					x			T/M node @ 9.0 m	9
	@ 9.75 m: 15% visible ice.		7							
10	@ 9.8 m: No visible ice.									10


BGC ENGINEERING INC.
 AN APPLIED EARTH SCIENCES COMPANY

Calgary, AB

Phone (403) 250-5185

CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 16.1 m

DRILL HOLE # BGC03-21

Date Drilled: May 22, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: Surface Cell

Elevation: 387.3 m

Co-ord: 13734.9N, 17327.9E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-03

Reviewed by: J. Cassie

Notes: Thermistor Installed, Tag #15-1

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content %				Installation / Backfill		Depth (m)
				Wp	X	WI				
				10	20	30	40			
11	@ 10.4 m: 35% visible ice.				x					11
12	@ 11.2 - 11.7 m: No visible ice.	8							T/M node @ 11.0 m	11
	375.6									
12	ICE									12
	3% soil.									
13	@ 12.0 m: 175 mm zone of 40% soil in ice.									13
13	@ 13.4 m: 725 mm zone of 70% soil in ice.	9							T/M node @ 13.5 m	13
	373.7									
14	TAILINGS									14
	13.6									
14	SILT, and sand, frozen, bonded, 25% visible ice.	10								14
15	@ 14.1 m: 475 mm zone with no visible ice.				x					15
15	@ 14.6 m: 50% visible ice.									15
	372.3									
15	ICE									15
	15.0									
16		11								16
	371.3									
16	SHALE								T/M node @ 16.0 m	16
	16.1									
17	Dark grey to black, sand and gravel.									17
	Interpreted to be surfacing layer of original E/W Causeway. Not bedrock.									
	End of Borehole									
18										18
19										19
20										20



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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 16.1 m

DRILL HOLE # BGC03-22

Date Drilled: May 23, 2003

Contractor & Rig: Mine's Diamond Drill

Drill Method: BQ Chilled Brine Coring

Hammer Type: N/A

Location: Test Cell Dike

Elevation: 374.5 m

Co-ord: 13450.0N, 17810.0E (Mine Grid)

Logged by: G. Ferris

Project No. 0255-008-03

Reviewed by: J. Cassie

Notes: Thermistor Installed, Tag #30-2

Depth (m)	SOIL DESCRIPTION	Core Run	Recovery	Moisture Content %				Installation / Backfill		Depth (m)
				Wp	-----X-----	WI				
0	Ground Surface 374.5									0
0	SHALE (FILL) Gravel, some cobbles, angular frozen.									0
1		1								1
1	@ 1.5 m: Cobbly.									1
2		2								2
2										2
3		3								3
3										3
4		4								4
4	TAILINGS SAND, trace silt, medium to coarse, frozen, bonded, no visible ice.									4
4										4
5		5								5
5	SHALE Gravel, cobbly, some sand, frozen.									5
6		6								6
6	TAILINGS SAND, silty, medium, frozen, bonded, no visible ice (unless noted).									6
7	@ 6.4 m: Trace silt.									7
7	@ 7.6 m: Driller noted soft drilling conditions.	7								7
8	@ 7.9 m: Trace silt, 25 mm thick bands of silt.	8								8
9										9
9		9								9
10										10
10										10


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CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 27.4 m