

**APPENDIX VI
WEST TWIN OUTLET CHANNEL AREA
BOREHOLE LOGS
AND
GEOTHERMAL MONITORING DATA**

DRILL HOLE # BGC03-23

Date Drilled: May 24, 2003
Contractor & Rig: Mine's Diamond Drill
Drill Method: BQ Chilled Brine Coring
Hammer Type: N/A

Location: West Twin Lake Outlet Dam
Elevation: 372.0 m
Co-ord: 13714.2N, 18301.4E (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 % Wp -----X----- Wl 10 20 30 40	Installation / Backfill		Depth (m)
0	Ground Surface 372.0 TILL Cobbles, gravelly, some sand, red, frozen. No visible ice. Clasts are of various geological origin and sub rounded to sub angular. @ 1.5 m: 75 mm zone of sand, silty. @ 2.1 m: Red surface water returns.						0
1		1		x		T/C node @ 0.25 m	1
2		2				T/C node @ 0.86 m	2
3		3				25 mm solid PVC pipe.	3
4		4				T/C node @ 1.47 m	4
5		5				Stick-up 0.57 m	5
6		6				T/C node @ 2.08 m	6
7		7				T/C node @ 2.69 m	7
8		8				T/C node @ 3.30 m	8
9		9					9
10							10
	BEDROCK Light grey, bonded, medium strong, fresh, DOLOSTONE. End of Borehole					Metal surface protector.	



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: 3.7 m

DRILL HOLE # BGC03-24**Date Drilled:** May 24, 2003**Contractor & Rig:** Mine's Diamond Drill**Drill Method:** BQ Chilled Brine Coring**Hammer Type:** N/A**Location:** West Twin Lake Outlet Dam**Elevation:** 371.4 m**Co-ord:** 13815.9N, 18349.5E (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 % Wp -----X----- Wl 10 20 30 40	Installation / Backfill		Depth (m)
0	Ground Surface 371.4						0
0	TILL Boulders, some cobbles, some gravel, trace sand, trace silt, larger clasts are from various geological origins, red, frozen. @ 0.3 m: Water returns are red and silty. @ 1.68 m: Water return grey. Shale of cobble and gravel sizes angular. @ 1.7 m: 50% visible ice to 2.1 m.	1				Metal surface protector.	0
1		2					1
1		3				T/C node @ 1.0 m	1
2		4		x		T/C node @ 1.82 m	2
2						T/C node @ 2.43 m	2
3		5		x			3
3	@ 3.0 m Water return is red. Gravel, cobbly some silt, red, frozen, large clasts are from various geological origin.						3
4	BEDROCK Shale, highly fractured, angular gravel and sand sized fragments grey.	6				T/C node @ 3.65 m	4
4		7				T/C node @ 4.4 m	4
5	BEDROCK Medium strong, fresh, DOLOSTONE.						5
5	End of Borehole					25 mm solid PVC pipe.	5
6						Stick-up 0.61 m.	6
7							7
8							8
9							9
10							10


BGC ENGINEERING INC.
 AN APPLIED EARTH SCIENCES COMPANY

Calgary, AB

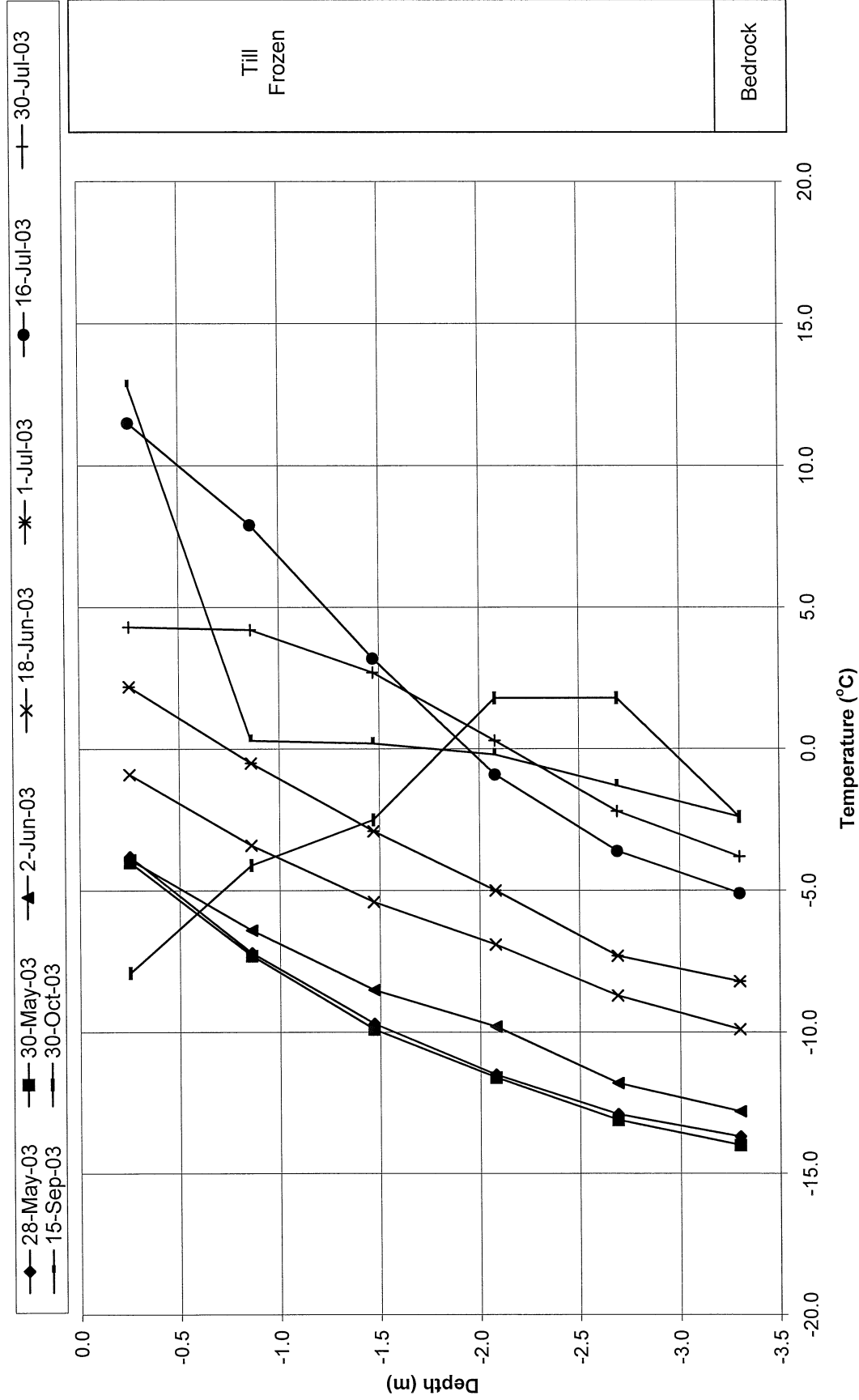
Phone (403) 250-5185

CLIENT: Nanisivik Mine, a Division of CanZinco Ltd.

PROJECT: Geotechnical Investigation

Final Depth: 4.4 m

**Geothermal Monitoring
WTL Outlet Structure
Thermocouple BGC03-23**



**Geothermal Monitoring
WTL Outlet Structure
Thermocouple BGC03-24**

