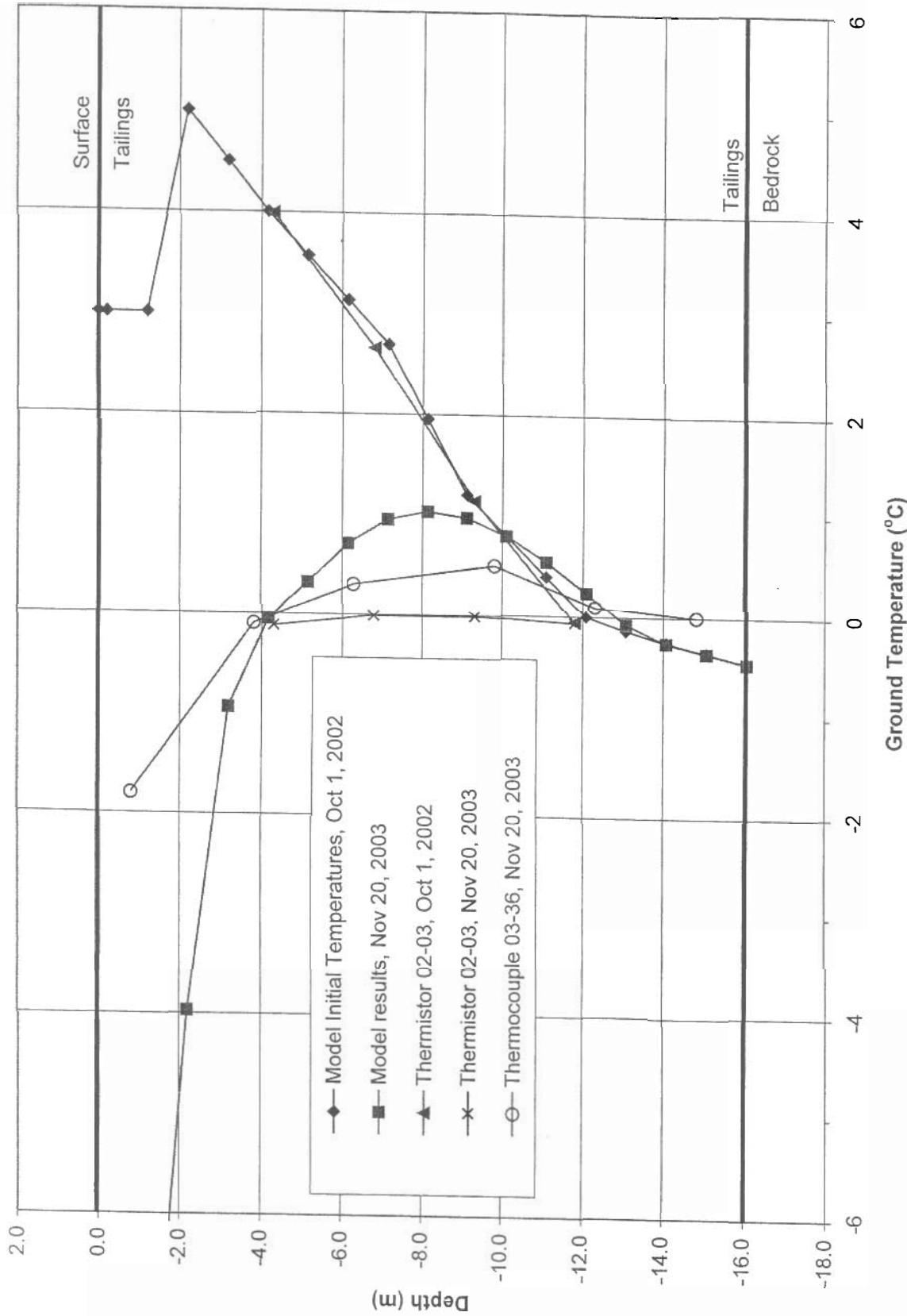
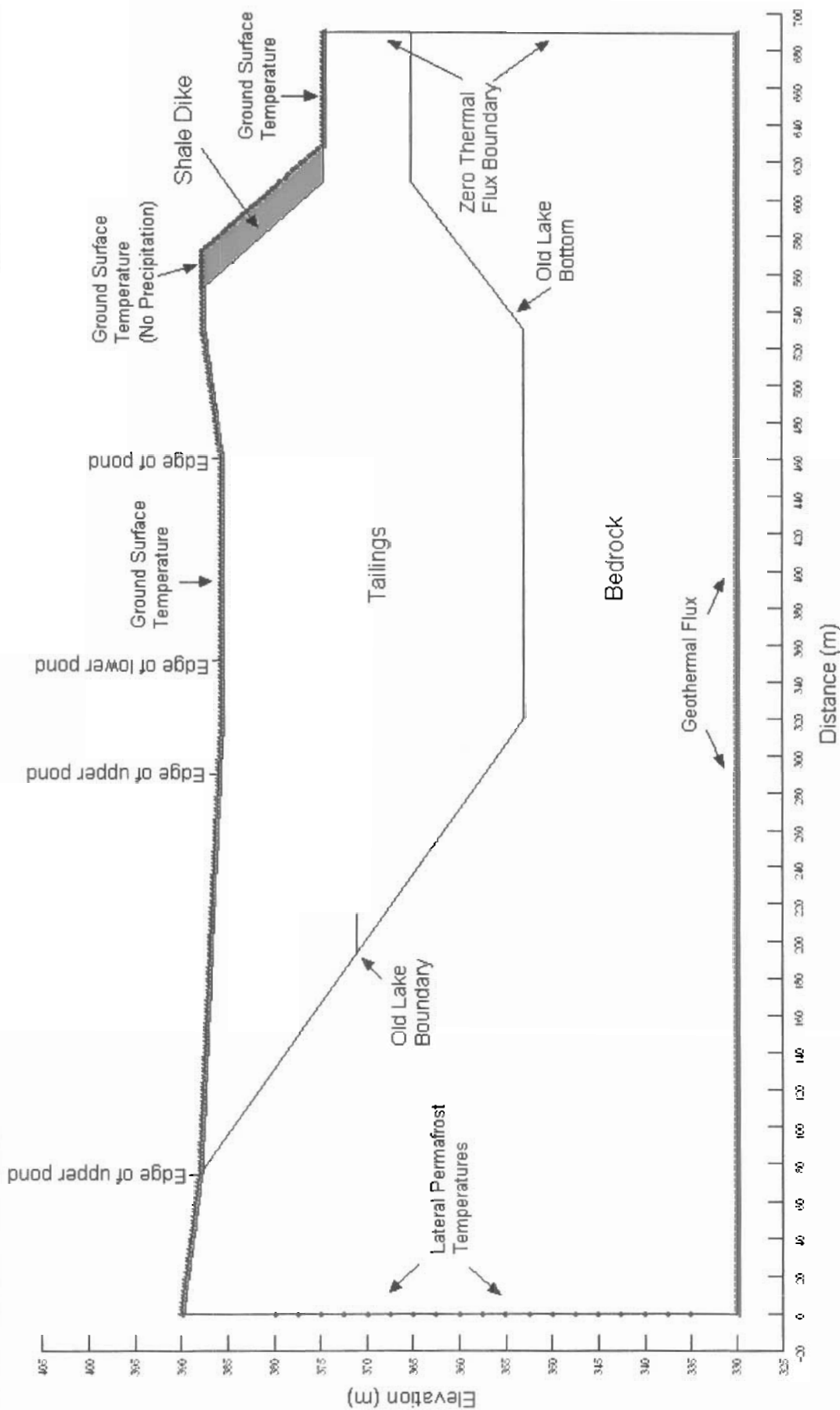




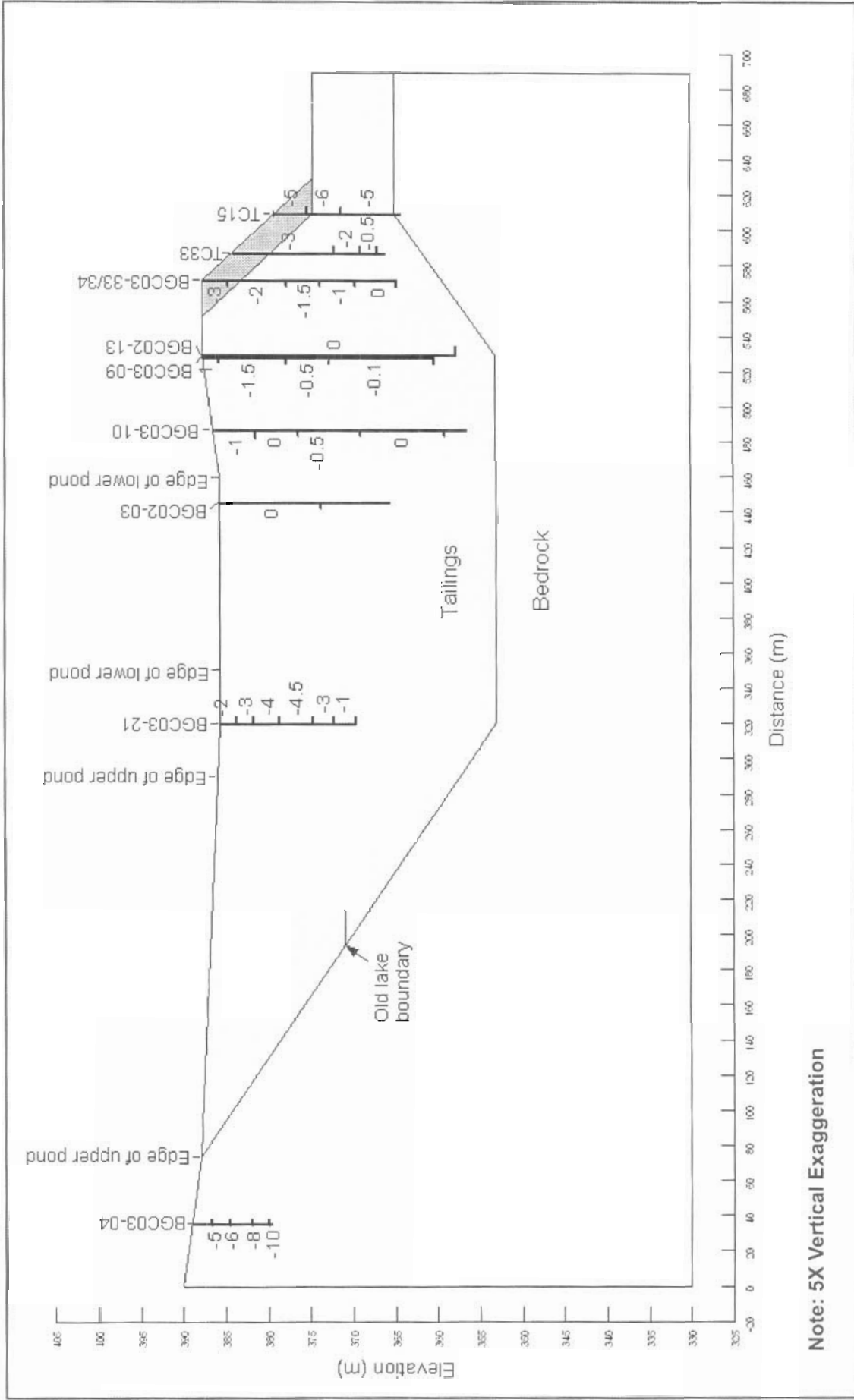
DATE: JAN 2004	DRAWN	SLF
AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.		
BGC BGC ENGINEERING INC. AN APPLIED EARTH SCIENCES COMPANY Calgary, Alberta Phone: (403) 250-5185		
CLIENT		
NANISIVIK MINE, A DIVISION OF CANZINCO LTD.		
PROJECT No. 0255-008-03		
DWG. No. IX - 2		
REV. 0		
PROJECT ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS		
TITLE 1D CALIBRATION TEST RESULTS		

AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.

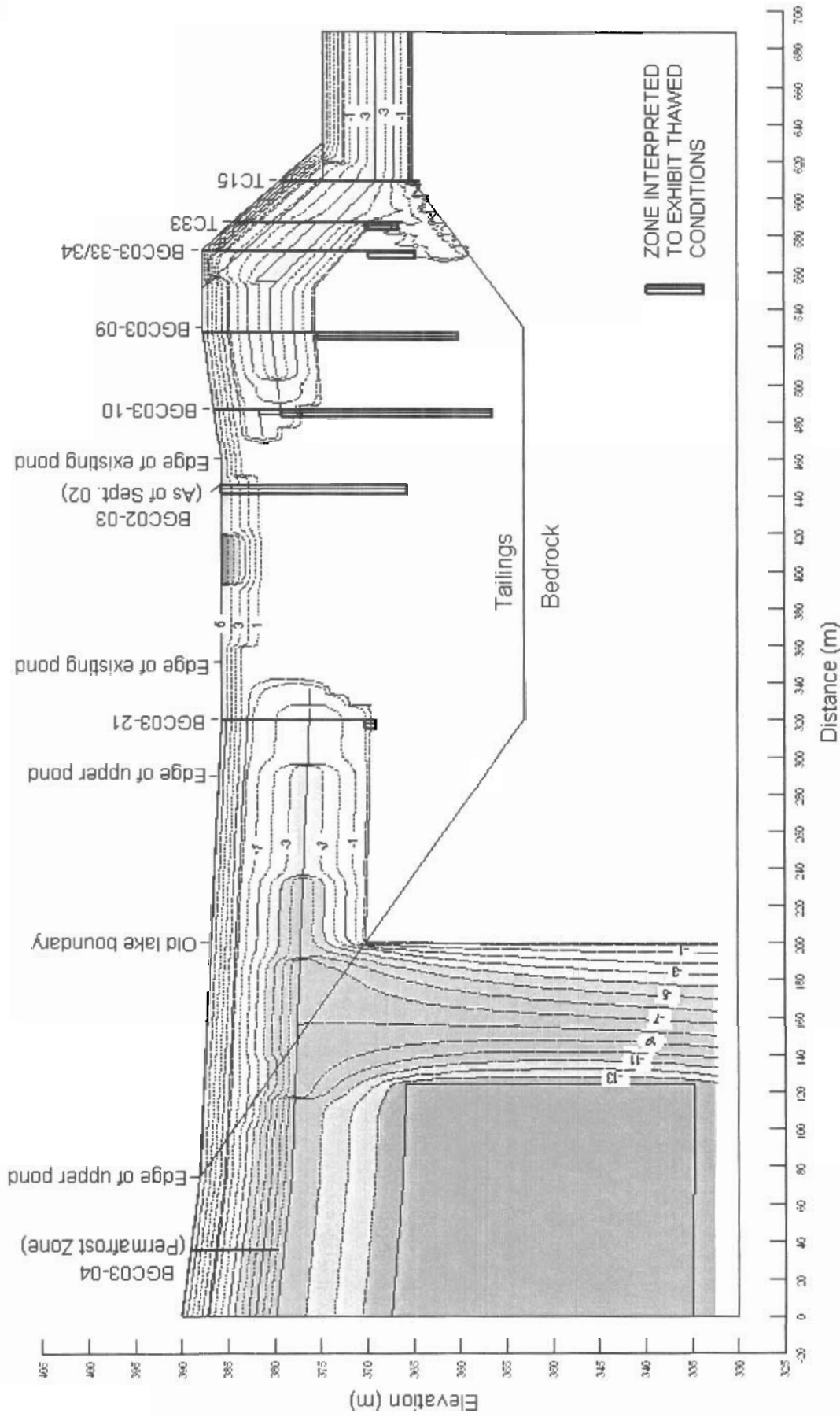


Note: 5X Vertical Exaggeration

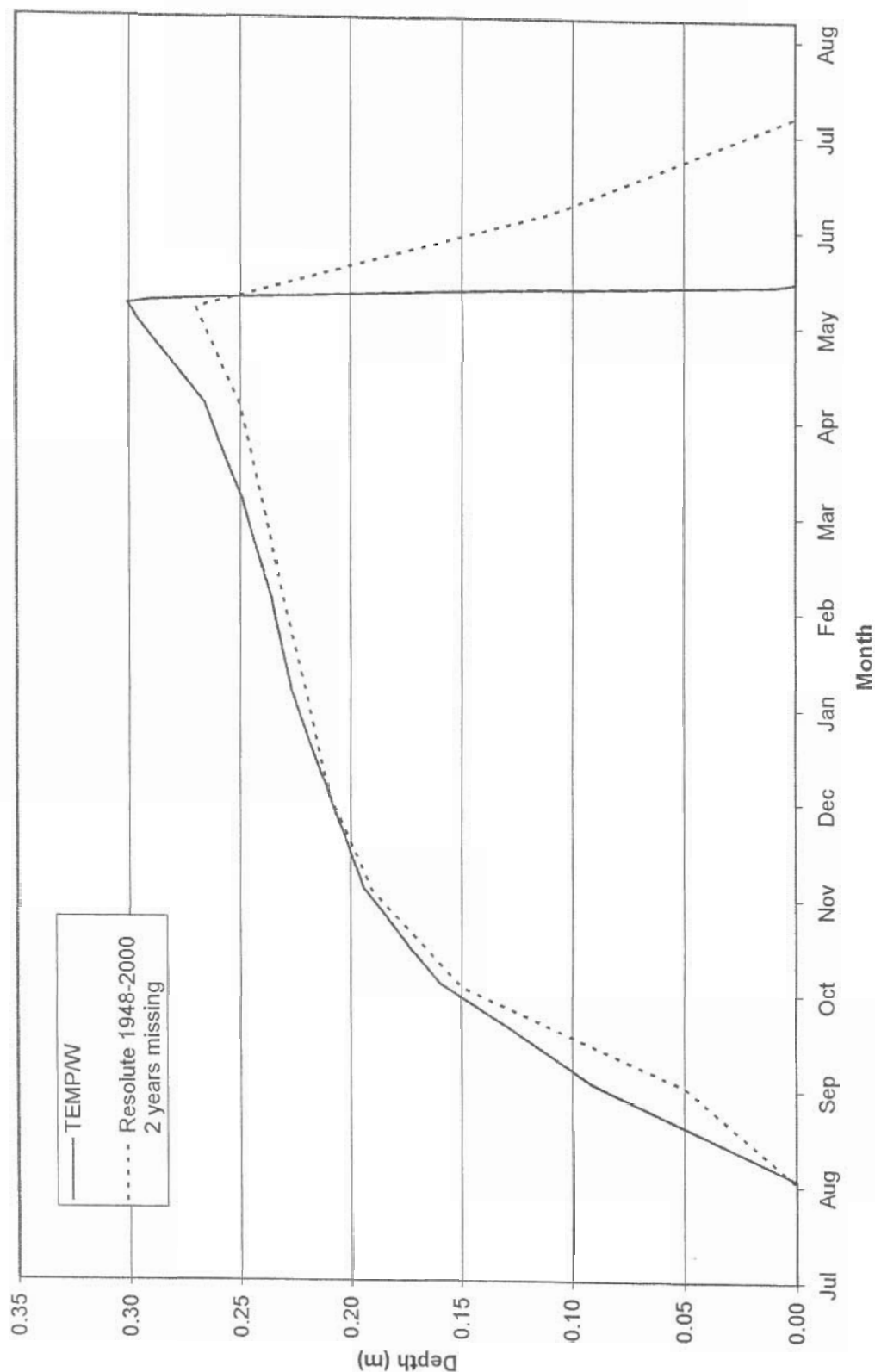
DATE: JAN 2004	DRAWN	SLF	PROJECT	ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS
BGC ENGINEERING INC. AN APPLIED EARTH SCIENCES COMPANY Calgary, Alberta Phone: (403) 250-5185			TITLE	COMPONENTS & BOUNDARY CONDITIONS FOR 2D MODEL
BGC CLIENT NANISIVIK MINE, A DIVISION OF CANZINCO LTD.			PROJECT No.	0255-008-03
AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.			DWG. No.	IX-3
			REV.	0



DATE: JAN 2004		DRAWN	SLF
AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.			
BGC AN APPLIED EARTH SCIENCES COMPANY Calgary, Alberta Phone: (403) 250-5185 CLIENT NANISIVIK MINE, A DIVISION OF CANZINCO LTD.		PROJECT No. 0255-008-03	
PROJECT		ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS	
TITLE		THERMAL INSTRUMENTATION AND TEMPERATURE PROFILES	
DWG. No.		IX-4	
REV.		0	

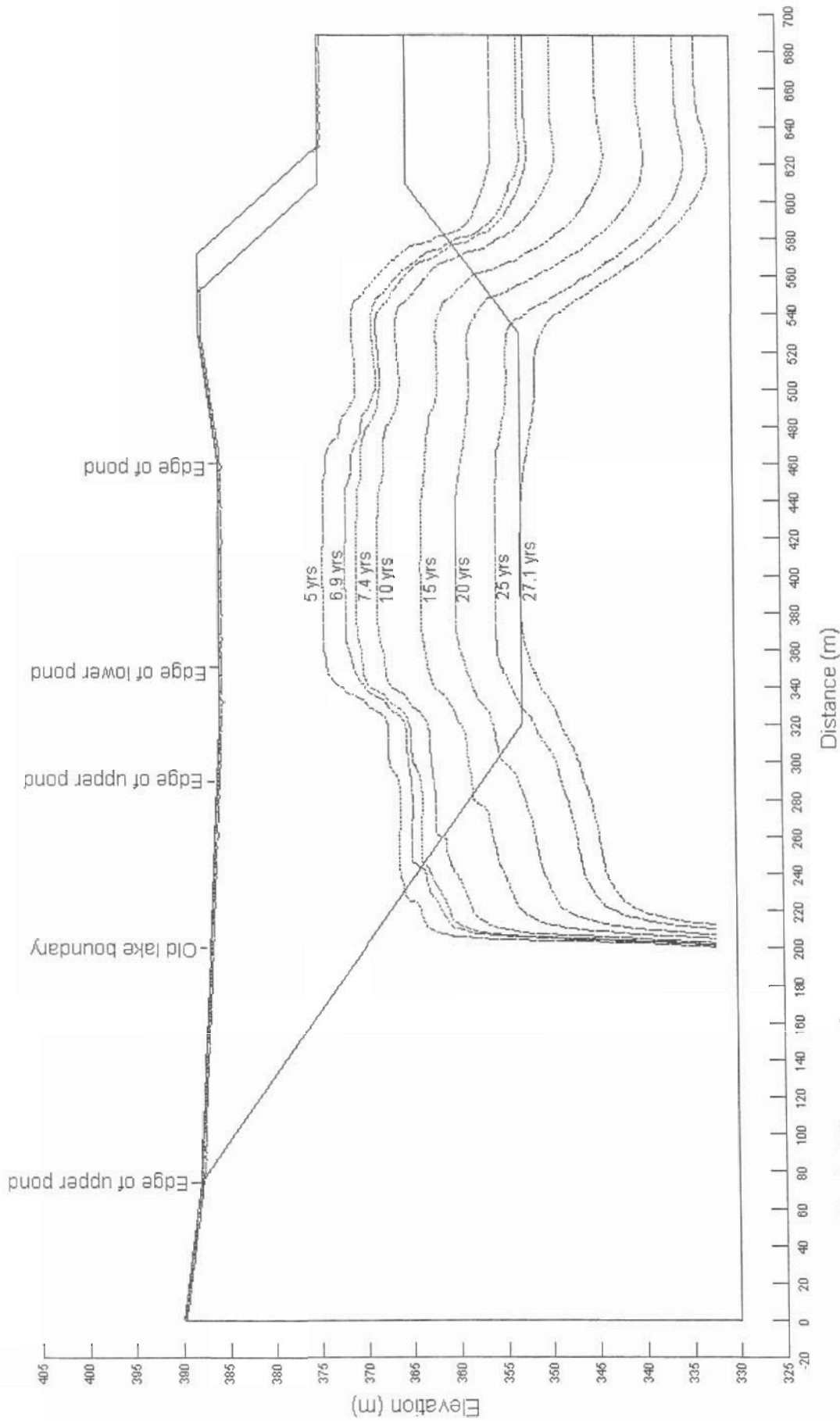


DATE: JAN 2004	DRAWN	SLF
AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.		
BGC BGC ENGINEERING INC. AN APPLIED EARTH SCIENCES COMPANY Calgary, Alberta Phone: (403) 250-5185		
CLIENT NANISIVIK MINE, A DIVISION OF CANZINCO LTD. PROJECT No. 0255-008-03 DWG. No. IX-5 REV. 0		
PROJECT ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS TITLE BASE CASE MODEL INITIAL THERMAL REGIME		



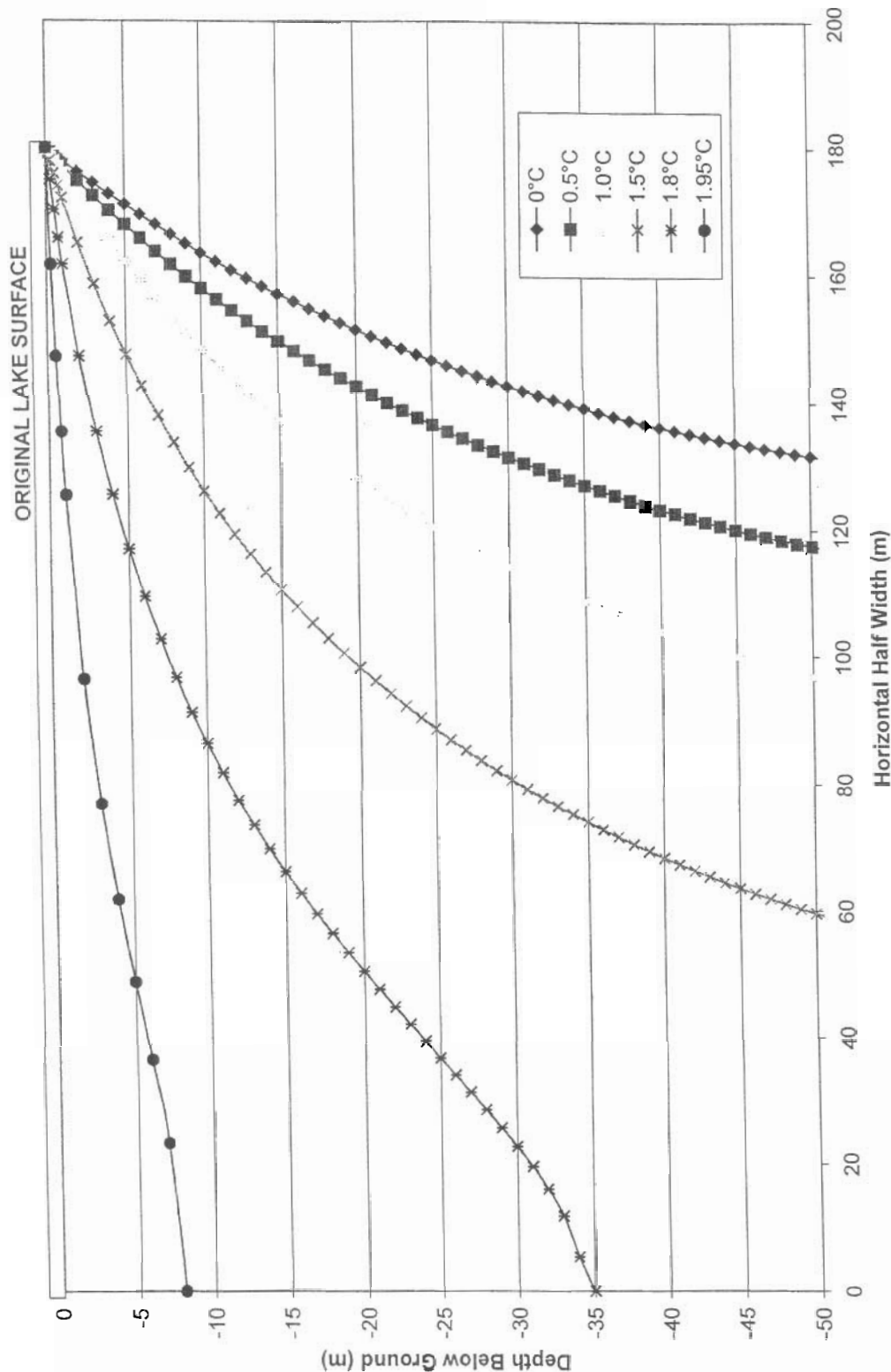
DATE: JAN 2004	DRAWN SLF	PROJECT ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS	
AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.		BGC ENGINEERING INC. AN APPLIED EARTH SCIENCES COMPANY Calgary, Alberta Phone: (403) 250-5185	
		TITLE CALCULATED AND RECORDED SNOW DEPTH ACCUMULATIONS	
		PROJECT No. 0255-008-03	DWG. No. IX-6 REV. 0

CLIENT NANISIVIK MINE, A DIVISION OF CANZINCO LTD.

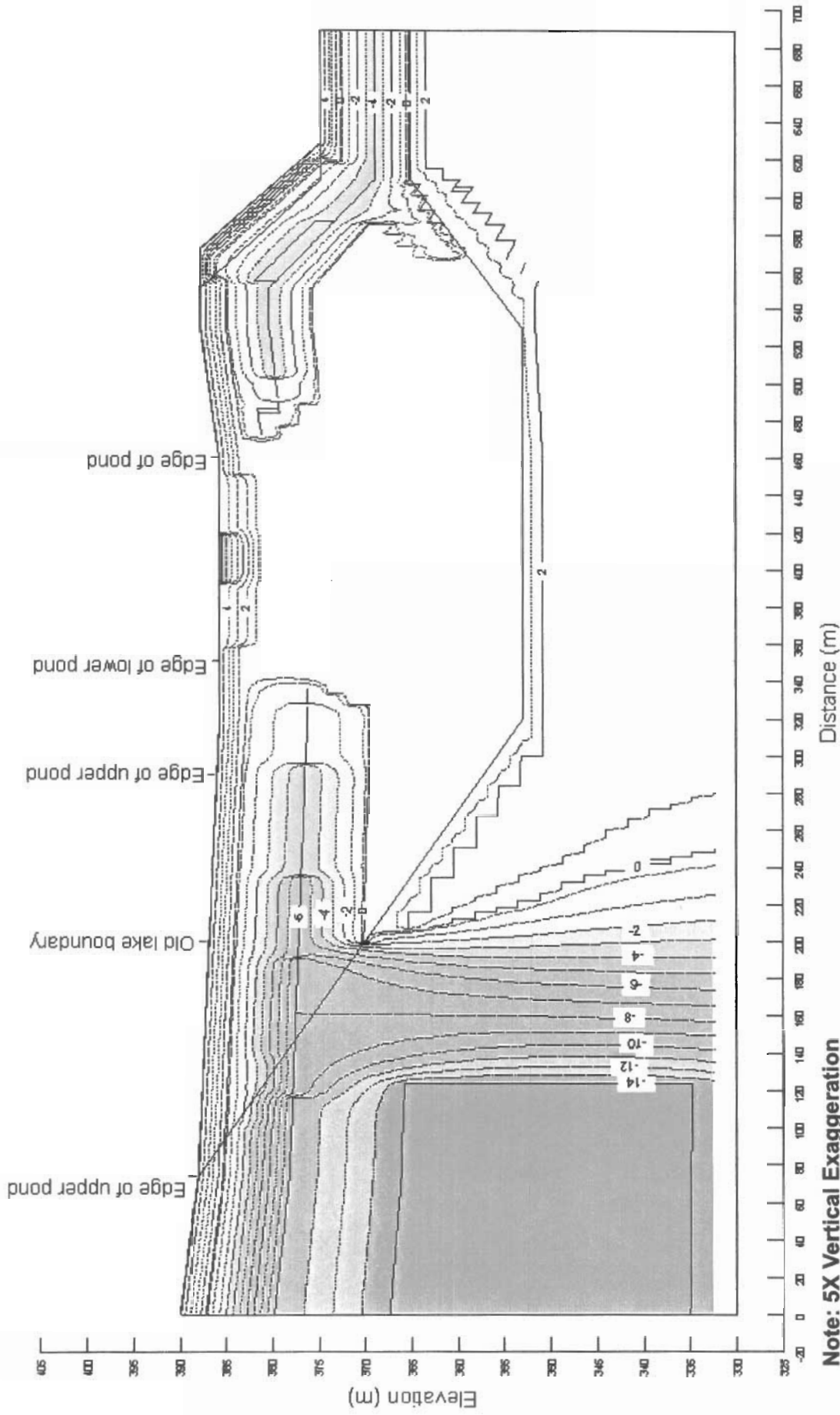


Note: 5X Vertical Exaggeration

DATE: JAN 2004	DRAWN SLF	 BGC ENGINEERING INC. AN APPLIED EARTH SCIENCES COMPANY Calgary, Alberta Phone: (403) 250-5185	PROJECT ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS
AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.		CLIENT NANISIVIK MINE, A DIVISION OF CANZINCO LTD.	TITLE BASE CASE TIME LAPSE OF -0.2°C ISOTHERM PROJECT No. 0255-008-03 DWG. No. IX-7 REV. 0

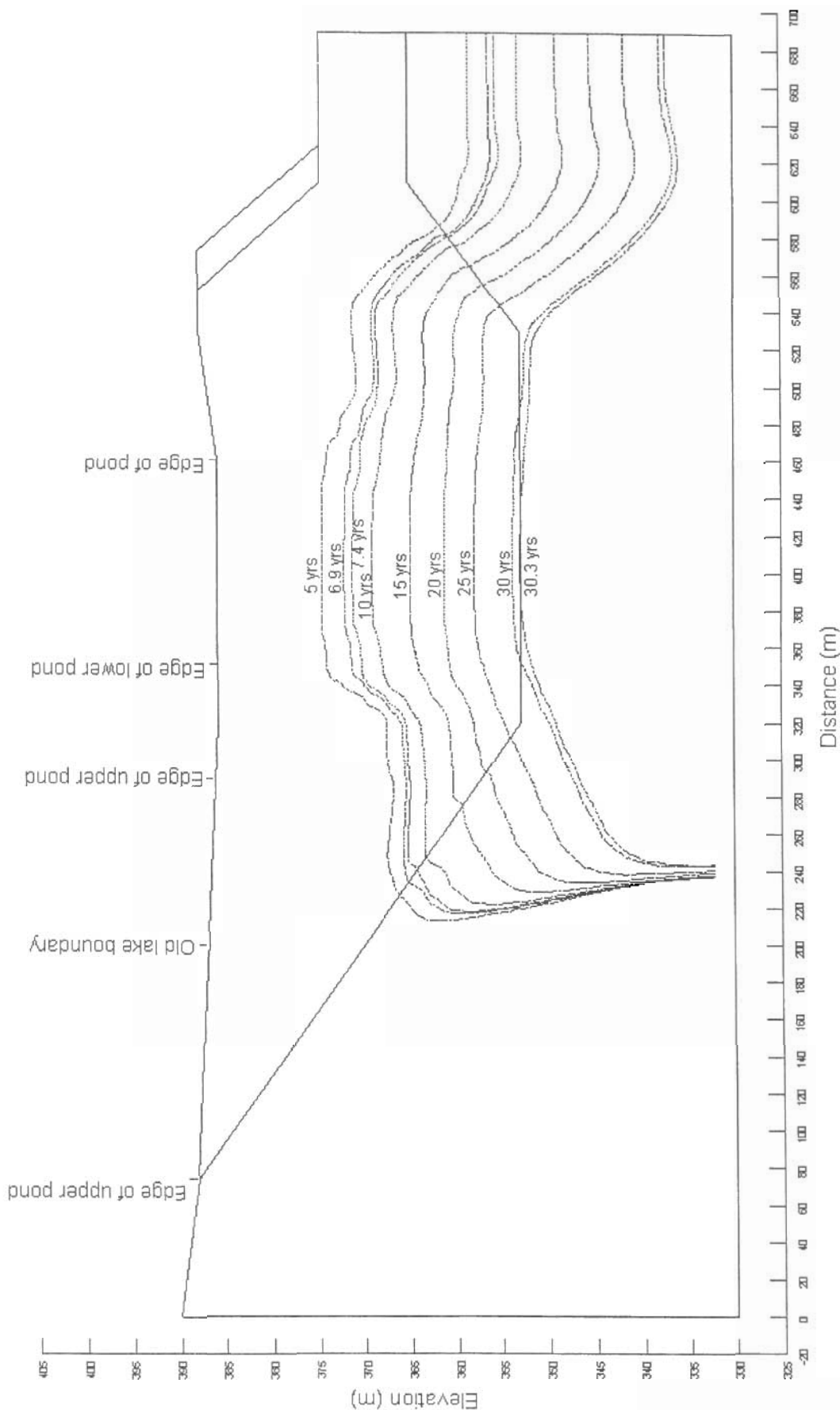


DATE: JAN 2004		DRAWN	SLF
AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.			
		BGC ENGINEERING INC. AN APPLIED EARTH SCIENCES COMPANY Calgary, Alberta Phone: (403) 250-5185	
CLIENT		NANISIVIK MINE, A DIVISION OF CANZINCO LTD.	
PROJECT		ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS	
TITLE		THERMAL REGIME OF TALIK BELOW THE TAILINGS	
PROJECT No.		0255-008-03	
DWG. No.		IX-9	
REV.		0	



Note: 5X Vertical Exaggeration

DATE: JAN 2004	DRAWN: SLF	PROJECT: ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS	
BGC BGC ENGINEERING INC. AN APPLIED EARTH SCIENCES COMPANY Calgary, Alberta Phone: (403) 250-5185		TITLE: WARMER ORIGINAL TALIK TEMPERATURES, THERMAL CONTOURS	
CLIENT: NANISIVIK MINE, A DIVISION OF CANZINCO LTD.		PROJECT No. 0255-008-03	DWG. No. IX-10
AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.		REV. 0	



DATE: JAN 2004

DRAWN SLF

AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.

BGC ENGINEERING INC.

AN APPLIED EARTH SCIENCES COMPANY

Calgary, Alberta

Phone: (403) 250-5185

CLIENT NANISIVIK MINE, A DIVISION OF CANZINCO LTD.

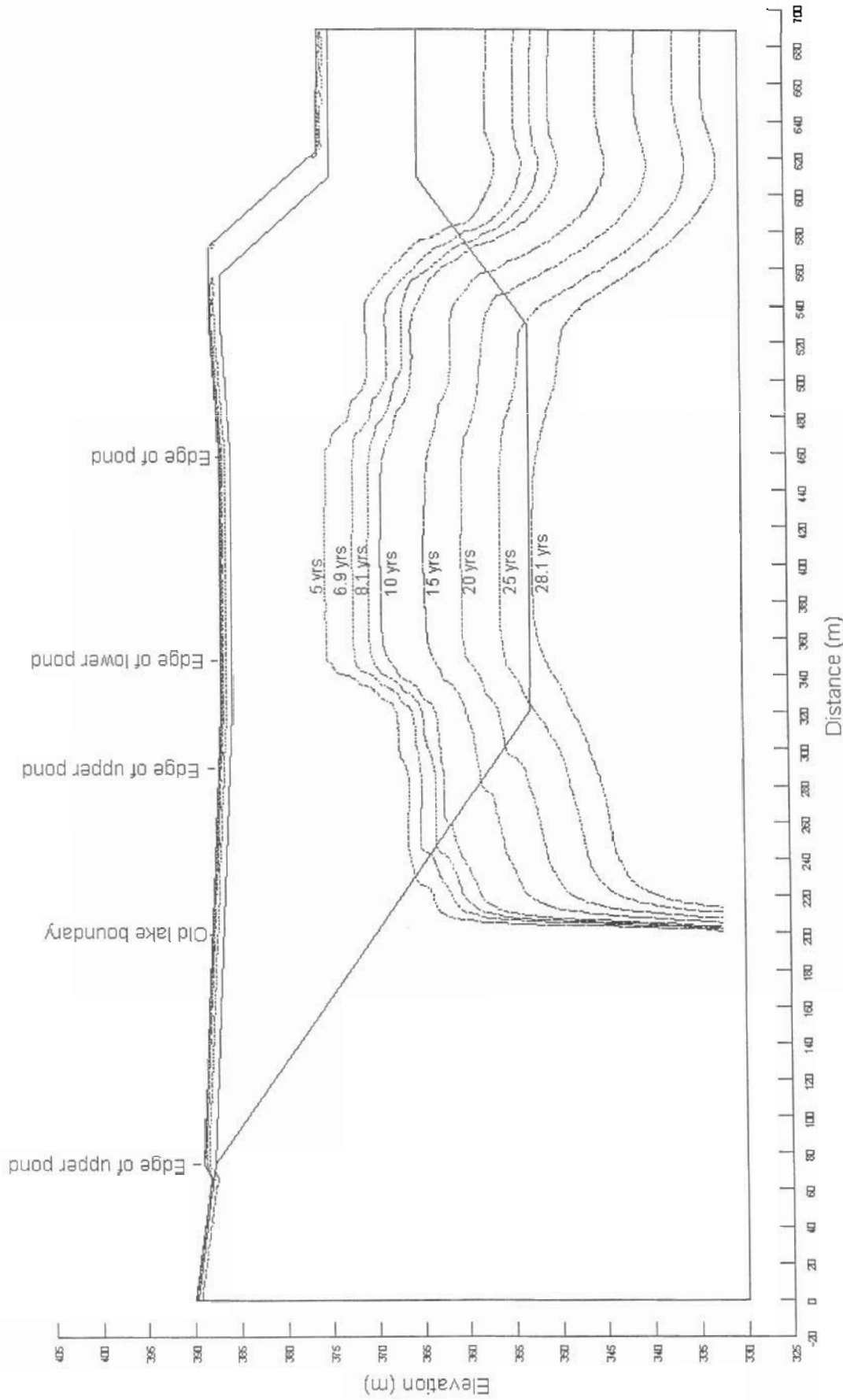
PROJECT ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS

TITLE WARMER TALIK TEMPERATURES MODEL, TIME LAPSE OF -0.2°C ISOTHERM

PROJECT No. 0255-008-03

DWG. No. IX-11

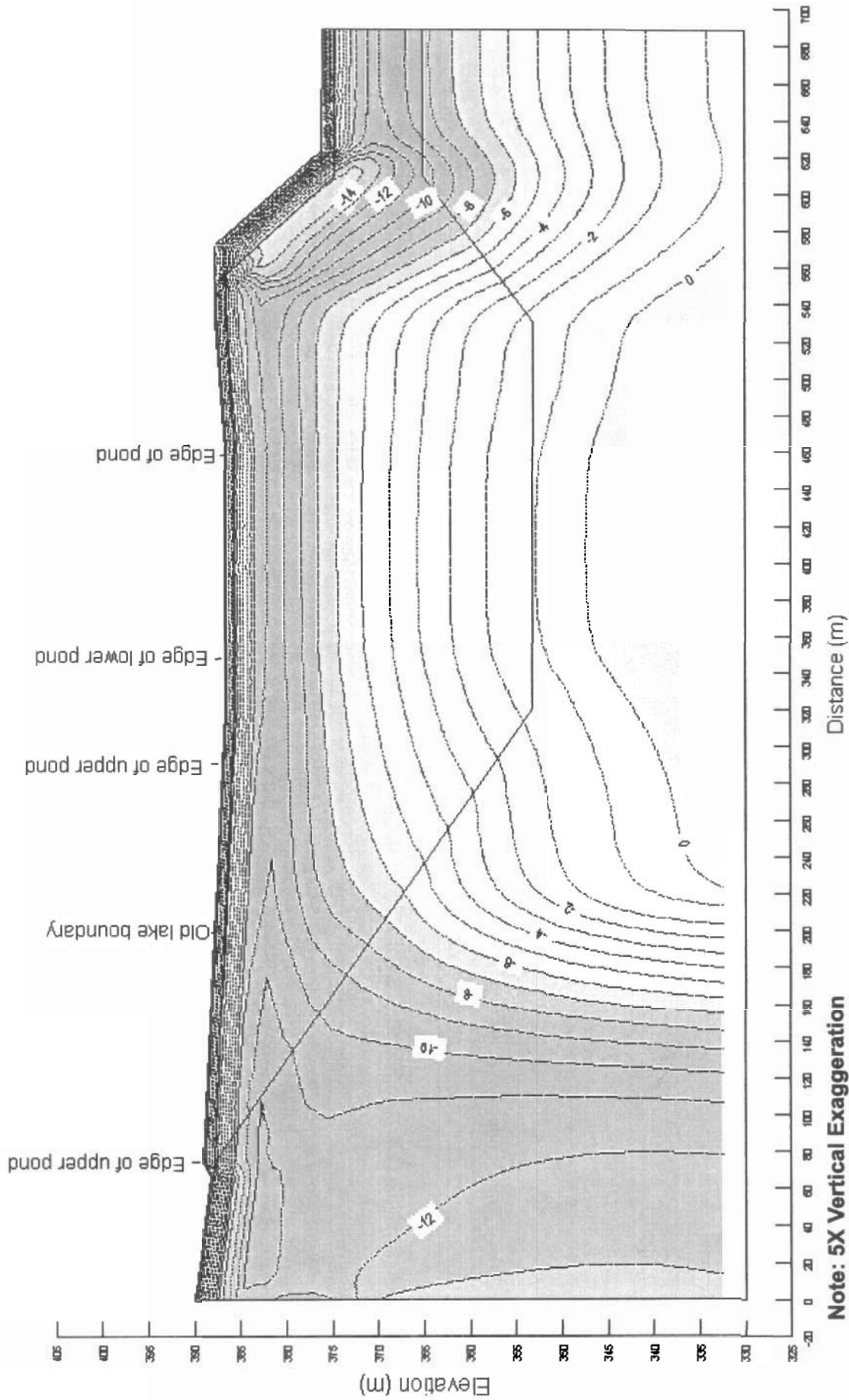
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Note: 5X Vertical Exaggeration

DATE: JAN 2004	DRAWN SLF	PROJECT ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS
BGC ENGINEERING INC. AN APPLIED EARTH SCIENCES COMPANY Calgary, Alberta Phone: (403) 250-5185		TITLE SHALE COVER MODEL, TIME LAPSE OF -0.2°C ISOTHERM
CLIENT NANISIVIK MINE, A DIVISION OF CANZINCO LTD.		PROJECT No. 0255-008-03 DWG. No. IX-12 REV. 0

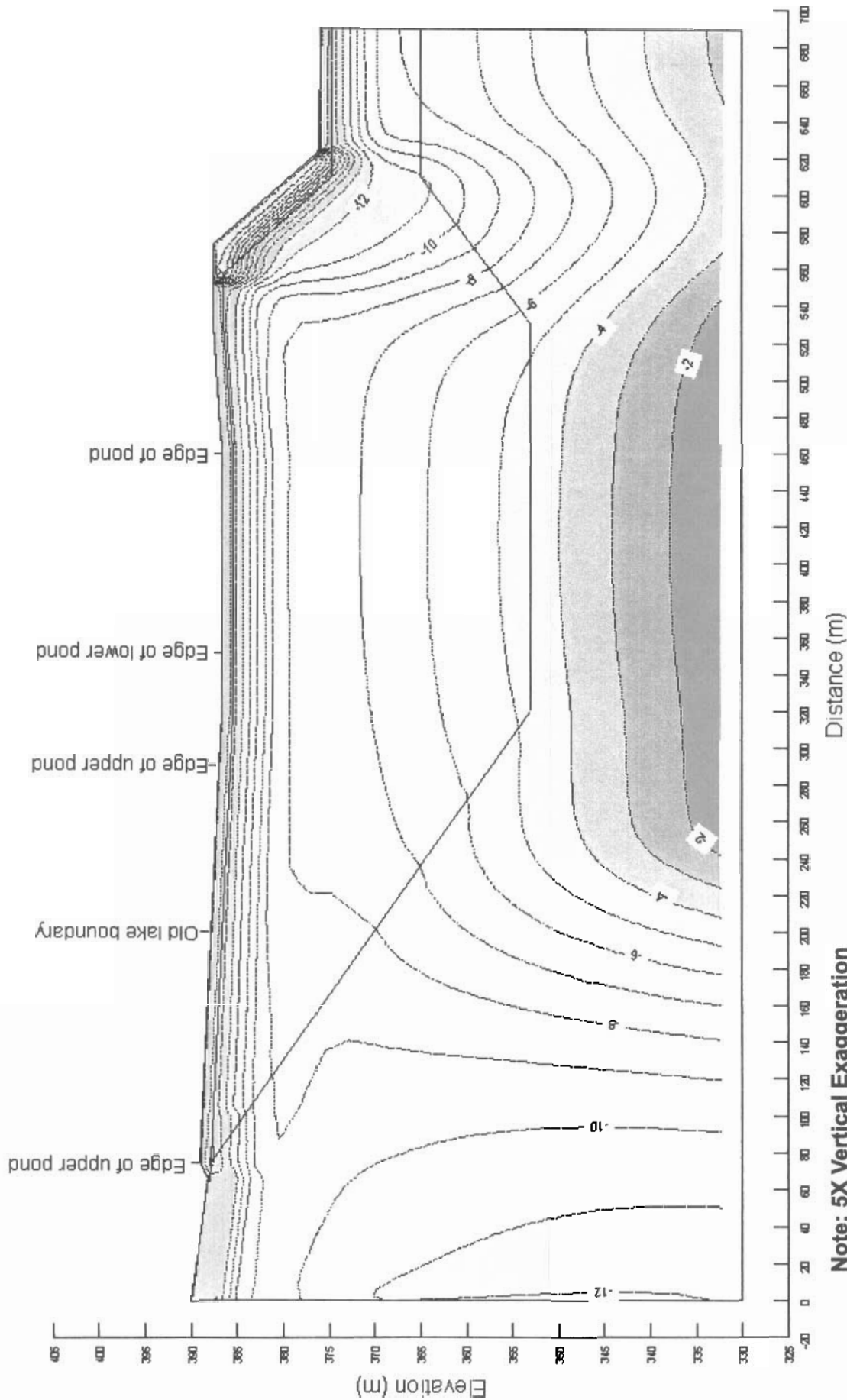
AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.



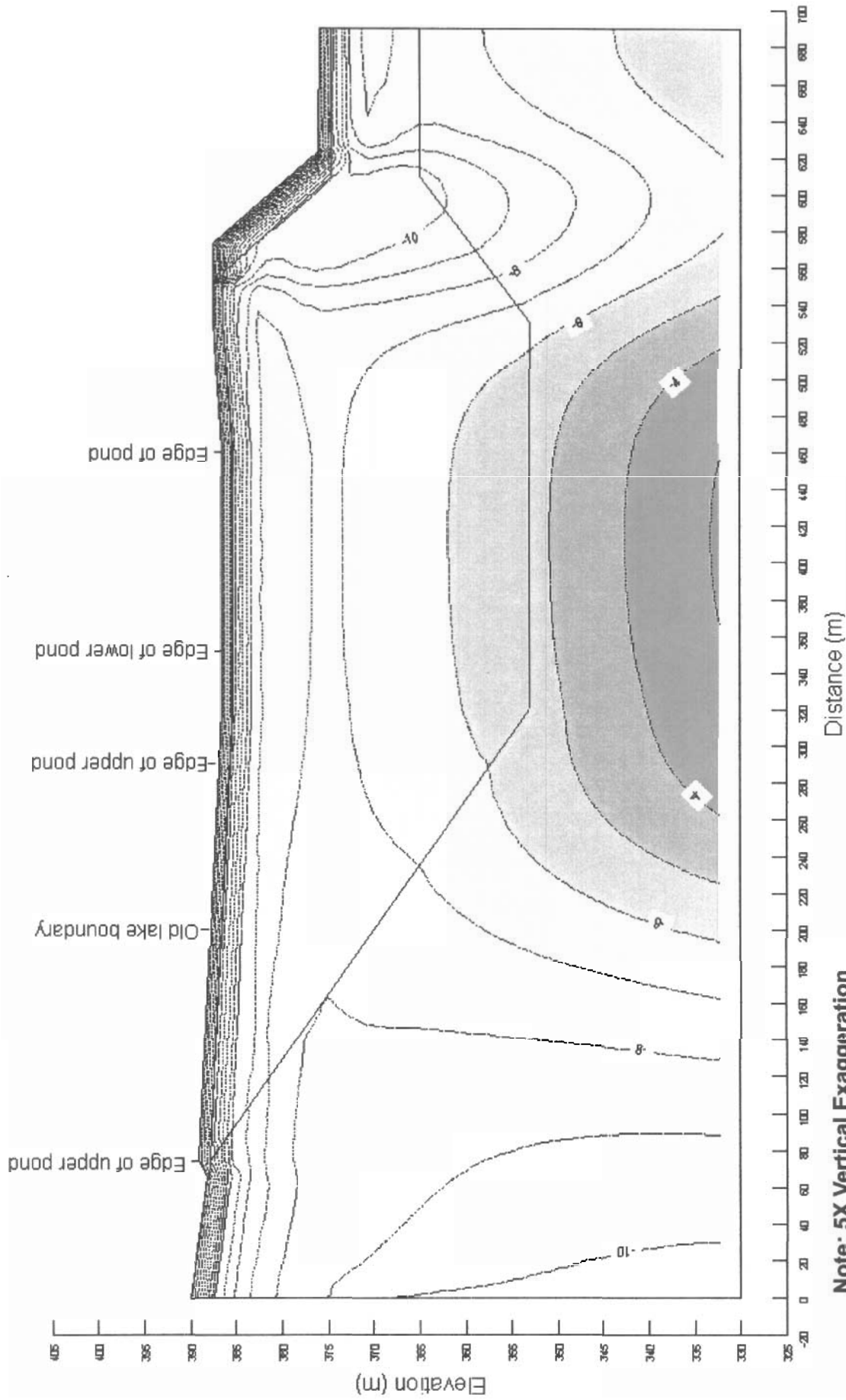
Note: 5X Vertical Exaggeration

DATE: JAN 2004	DRAWN SLF	PROJECT ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS
AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.		TITLE TEMPERATURE PROFILE AT TOTAL TAILINGS FREEZE-BACK (~28 YEARS) PROJECT No. 0255-008-03 DWG. No. IX-13 REV. 0
CLIENT NANISIVIK MINE, A DIVISION OF CANZINCO LTD.		

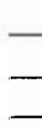
BGC
AN APPLIED EARTH SCIENCES COMPANY
Calgary, Alberta Phone: (403) 250-5185



DATE: JAN 2004		DRAWN	SLF
AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OR ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.			
BGC AN APPLIED EARTH SCIENCES COMPANY Calgary, Alberta Phone: (403) 250-5185		PROJECT ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS TITLE THERMAL REGIME AFTER 50 YEARS OF GLOBAL WARMING	
CLIENT NANISIVIK MINE, A DIVISION OF CANZINCO LTD.		PROJECT No. 0255-008-03	DWG. No. IX-14
		REV. 0	



Note: 5X Vertical Exaggeration

DATE: JAN 2004	DRAWN SLF	 BGC ENGINEERING INC. AN APPLIED EARTH SCIENCES COMPANY Calgary, Alberta Phone: (403) 250-5185	PROJECT ASSESSMENT OF SURFACE CELL AND TEST CELL TALIKS
AS A MUTUAL PROTECTION TO OUR CLIENT, THE PUBLIC AND OURSELVES, ALL REPORTS AND DRAWINGS ARE SUBMITTED FOR THE CONFIDENTIAL INFORMATION OF OUR CLIENT FOR A SPECIFIC PROJECT AND AUTHORIZATION FOR USE AND/OR PUBLICATION OF DATA, STATEMENTS, CONCLUSIONS OF ABSTRACTS FROM OR REGARDING OUR REPORTS AND DRAWINGS IS RESERVED PENDING OUR WRITTEN APPROVAL.		CLIENT NANISIVIK MINE, A DIVISION OF CANZINCO LTD.	TITLE THERMAL REGIME AFTER 100 YEARS OF GLOBAL WARMING
		PROJECT No. 0255-008-03	REV. 0