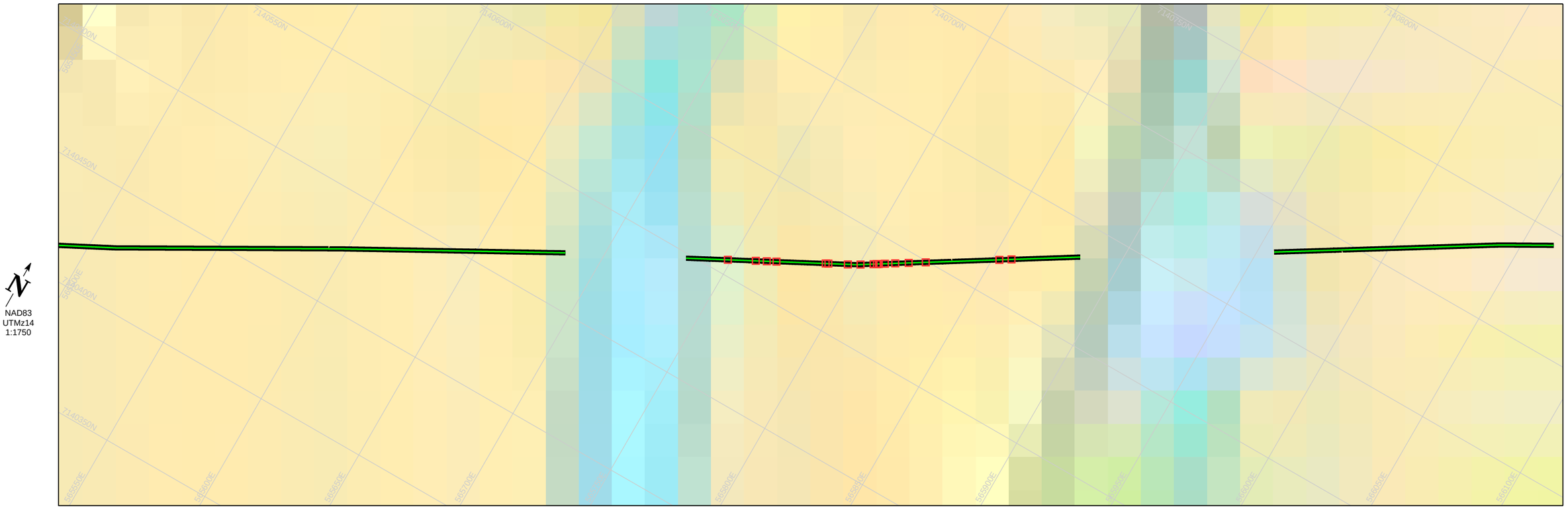
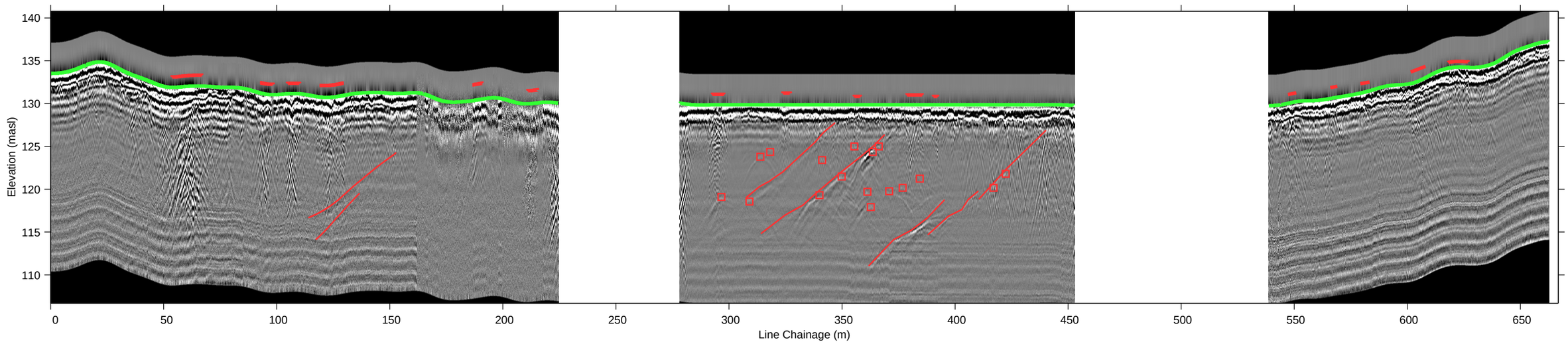
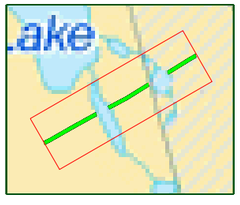






LEGEND

- Ground Surface
- Weathered Bedrock Location
- Bedrock Surface
- Bedrock Surface (Inferred)
- Bedrock Fault
- Bedrock Anomaly

CLIENT

AREVA

EBA Engineering Consultants Ltd.

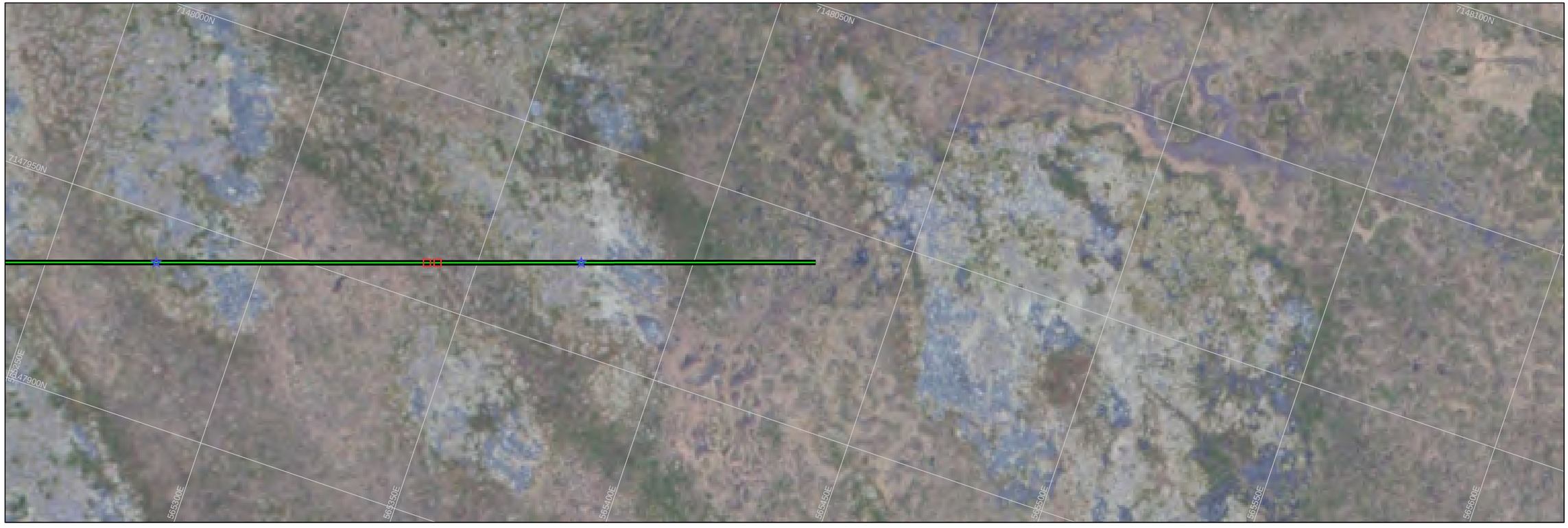
Areva Kiggavik Project
2008–2009 Subsurface GPR Survey

2008 Mill Site Data
Profile 2008–5
Proposed Sik Sik Lake Dam Location

Project No.	DWN	CHKD	REV
V33101016	RJM	NSP	0

OFFICE	DATE
Calgary	Oct. 15, 2009

Figure A16



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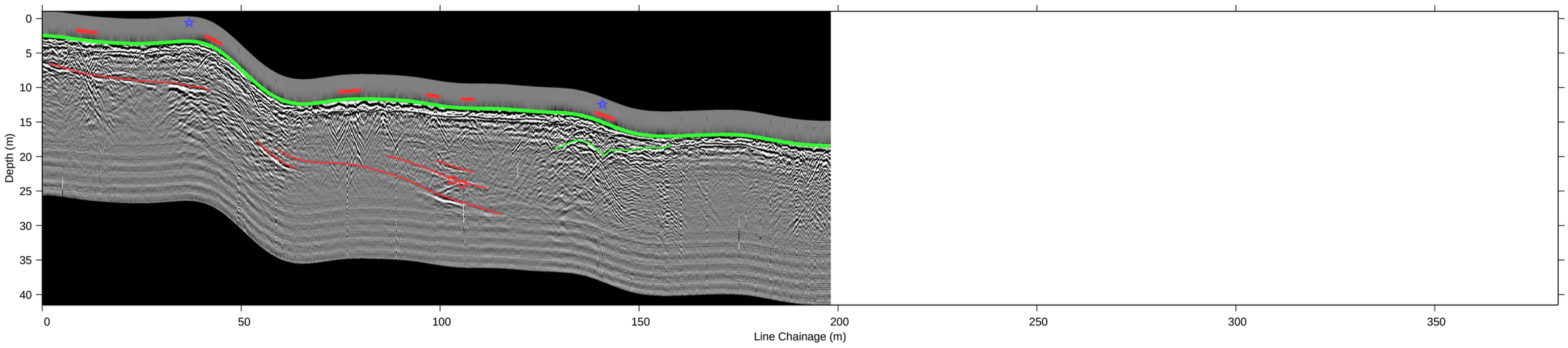

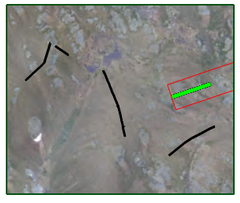

LEGEND

- Ground Surface
- Weathered Bedrock Location
- Bedrock Surface
- Bedrock Surface (Inferred)
- Bedrock Fault
- Bedrock Anomaly

CLIENT

AREVA

EBA Engineering Consultants Ltd.

Areva Kiggavik Project
2008–2009 Subsurface GPR Survey

2008 Mill Site Data
Profile 2008–6
Proposed Takn Farm Location

Project No.	DWN	CHKD	REV
V33101016	RJM	NSP	0

OFFICE	DATE
Calgary	Oct. 15, 2009

Figure A17

PHOTOGRAPHS

Photo 1
2008 GPR survey in progress. Each person would handle an antenna, which was stepped 10 cm at a time along a tape measure stretched out on the ground.

Photo 2
View of the pulseEKKO GPR System, with 50 MHz antennas, used in the 2008 GPR survey.

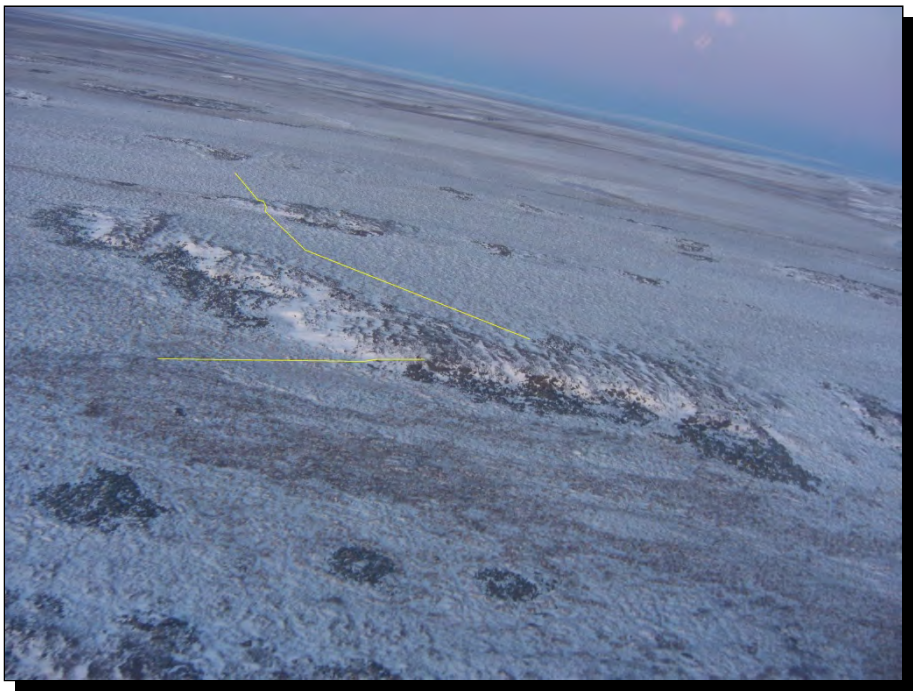

Photo 3
Aerial view of approximate locations of GPR profiles 2008-3 and 2008-4 in the proposed Accommodations Complex area, looking approximately SW.

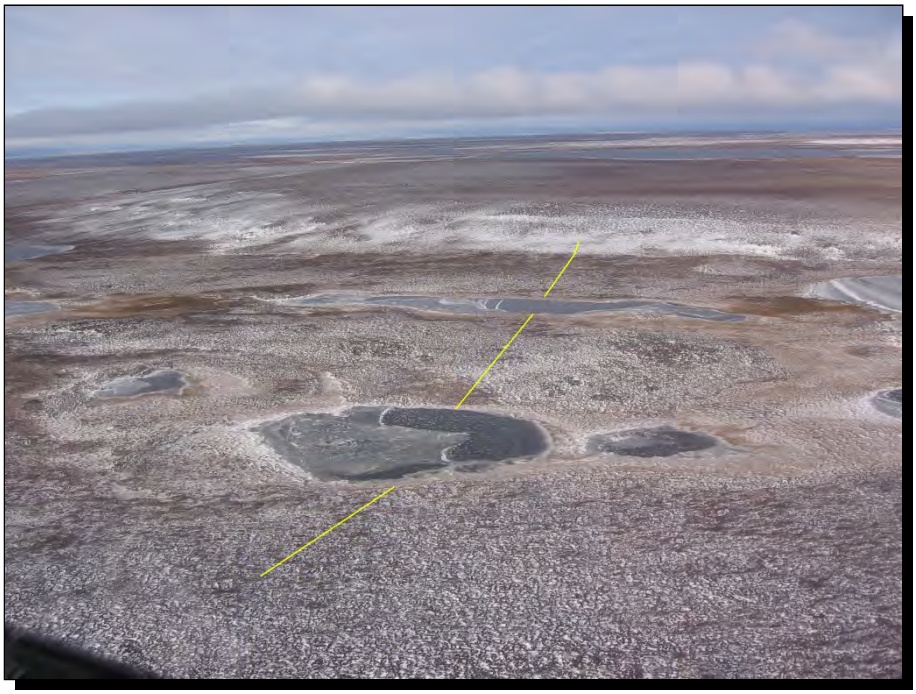

Photo 4
Aerial view of approximate location of GPR profile 2008-5 in the proposed Sik Sik Lake Dam area, looking approximately SW.

Photo 5
View of the Ramac GPR system used in the 2009 GPR survey.

APPENDIX

APPENDIX A SUGGESTED DRILL TARGET LOCATIONS

Lat	Long	Min Drill Depth	Reason
64.44586783	-97.62268380	16.7	bedrock depth (13.2m?); bedrock/soil condition
64.45399026	-97.62890144	20.3	what are we seeing at 6.4m (210smp), 11.4m (350smp) and 16.7m (500smp)?
64.45503098	-97.62862294	14.9	soil condition right at surface (thawed?); bedrock at 6m?; bedrock condition
64.45431758	-97.62186417	27.4	soil conditions; bedrock at 22.1m?
64.45264347	-97.63600200	13.2	typical-looking data (ie. "control point"); bedrock at 13.2m?; nature of soil
64.44583529	-97.63170287	9.6	shallow bedrock location (4.3m?); bedrock condition
64.44453568	-97.63074889	34.5	possibly very deep bedrock (27.4m?), or very fractured bedrock; if deep, nature of overburden
64.44371928	-97.63013532	27.4	possibly very deep bedrock (25.6m?), or very fractured bedrock; if deep, nature of overburden
64.44582448	-97.62303159	27.4	bedrock location (6.8m?); if @6.8, then what are we seeing in bedrock at 11.4m and 17.1m? -- two linear dipping sources of strong diffractions
64.44636392	-97.62469796	41.6	multiple dipping anomalies; where is bedrock? (suspected to be very deep); what is condition of bedrock (if shallow), or overburden (if deep)?; strong shallow point diffractor at this location
64.44618435	-97.62566279	27.4	multiple dipping anomalies; where is bedrock? (suspected to be very deep); what is condition of bedrock (if shallow), or overburden (if deep)?
64.44606106	-97.62628478	32.7	multiple dipping anomalies; where is bedrock? (suspected to be very deep); what is condition of bedrock (if shallow), or overburden (if deep)?
64.44548111	-97.62915001	32.7	confirmation of bedrock at 22.1m; condition of overburden
64.44489013	-97.63269212	9.6	confirmation of shallow bedrock (possibly right at surface?); bedrock competence -- weathered?
64.44213910	-97.64758089	16.7	confirmation of bedrock at 13.2m; condition of overburden
64.44064441	-97.65614005	20.3	confirmation of bedrock at 18.5m; source of linear reflection at 9.6m (300sample)?
64.44220384	-97.64587822	16.7	distinct surface anomaly -- thawed permafrost zone?; ground conditions in top 10m
64.44072540	-97.64472756	23.8	source of linear anomaly at 9.6m (300sample)?; bedrock or anomaly at 20.3m (600 sample)?
64.44850677	-97.64341004	16.8	bedrock depth (2.8m?) and condition
64.45072351	-97.64348087	16.8	nature of linear reflector at 11.2m (300sample) depth; bedrock conditions below that
64.45100245	-97.64142159	11.2	near surface soil conditions; confirmation of bedrock @ ~8.4m

APPENDIX

APPENDIX B EBA GENERAL CONDITIONS

GEOPHYSICAL REPORT – GENERAL CONDITIONS

This report incorporates and is subject to these "General Conditions".

1.0 USE OF REPORT

This geophysical report pertains to a specific site, a specific development, and a specific scope of work. It is not applicable to any other sites, nor should it be relied upon for types of development other than those to which it refers. Any variation from the site or proposed development would necessitate a supplementary investigation and assessment.

This report and the assessments and recommendations contained in it are intended for the sole use of EBA's client. EBA does not accept any responsibility for the accuracy of any of the data, the analysis or the recommendations contained or referenced in the report when the report is used or relied upon by any party other than EBA's client unless otherwise authorized in writing by EBA. Any unauthorized use of the report is at the sole risk of the user.

This report contains figures, maps, drawings and sketches that represent processed geophysical data collected at a specific site. This processed data will have inherent interpretation assumptions and accuracies that are discussed in the report. Consequently, the report can only be considered in its entirety and individual figures, maps, drawings and sketches shall not be distributed without the text of the report unless authorized in writing by EBA.

This report is subject to copyright and shall not be reproduced either wholly or in part without the prior, written permission of EBA. Additional copies of the report, if required, may be obtained upon request.

2.0 ALTERNATE REPORT FORMAT

Where EBA submits both electronic file and hard copy versions of reports, drawings and other project-related documents and deliverables (collectively termed EBA's instruments of professional service), the Client agrees that only the signed and/or sealed versions shall be considered final and legally binding. The original signed and/or sealed version archived by EBA shall be deemed to be the original for the project.

Both electronic file and hard copy versions of EBA's instruments of professional service shall not, under any circumstances, no matter who owns or uses them, be altered by any party except EBA. EBA's instruments of professional service will be used only and exactly as submitted by EBA.

Electronic files submitted by EBA have been prepared and submitted using specific software and hardware systems. EBA makes no representation about the compatibility of these files with the Client's current or future software and hardware systems.

3.0 ENVIRONMENTAL AND REGULATORY ISSUES

Unless stipulated in the report, EBA has not been retained to investigate, address, or consider and has not investigated, addressed, or considered any environmental or regulatory issues associated with the development of the site.

4.0 NATURE AND EXACTNESS OF SOIL AND ROCK DESCRIPTIONS

Classification and identification of soils and rocks are based upon commonly accepted systems and methods employed in professional geotechnical practice. This report contains descriptions of the systems and methods used. Where deviations from the system or method prevail, they are specifically mentioned.

Classification and identification of geological units are judgemental in nature as to both type and condition. EBA does not warrant conditions represented herein as exact, but infers accuracy only to the extent that is common in practice.

Where subsurface conditions encountered during development are different from those described in this report, qualified geotechnical personnel should revisit the site and review recommendations in light of the actual conditions encountered.

5.0 LOGS OF TESTHOLES

The testhole logs are a compilation of conditions and classification of soils and rocks as obtained from field observations and laboratory testing of selected samples. Soil and rock zones have been interpreted. Change from one geological zone to the other, indicated on the logs as a distinct line, can be, in fact, transitional. The extent of transition is interpretive. Any circumstance which requires precise definition of soil or rock zone transition elevations may require further investigation and review.

6.0 STRATIGRAPHIC AND GEOLOGICAL INFORMATION

The stratigraphic and geological information indicated on drawings contained in this report are inferred from logs of test holes and/or soil/rock exposures. Stratigraphy is known only at the locations of the test hole or exposure. Actual geology and stratigraphy between test holes and/or exposures may vary from that shown on these drawings. Natural variations in geological conditions are inherent and are a function of the historic environment. EBA does not represent the conditions illustrated as exact but recognizes that variations will exist. Where knowledge of more precise locations of geological units is necessary, additional investigation and review may be necessary.

7.0 SURFACE WATER AND GROUNDWATER CONDITIONS

Surface and groundwater conditions mentioned in this report are those observed at the times recorded in the report. These conditions vary with geological detail between observation sites; annual, seasonal and special meteorologic conditions; and with development activity. Interpretation of water conditions from observations and records is judgmental and constitutes an evaluation of circumstances as influenced by geology, meteorology and development activity. Deviations from these observations may occur during the course of development activities.