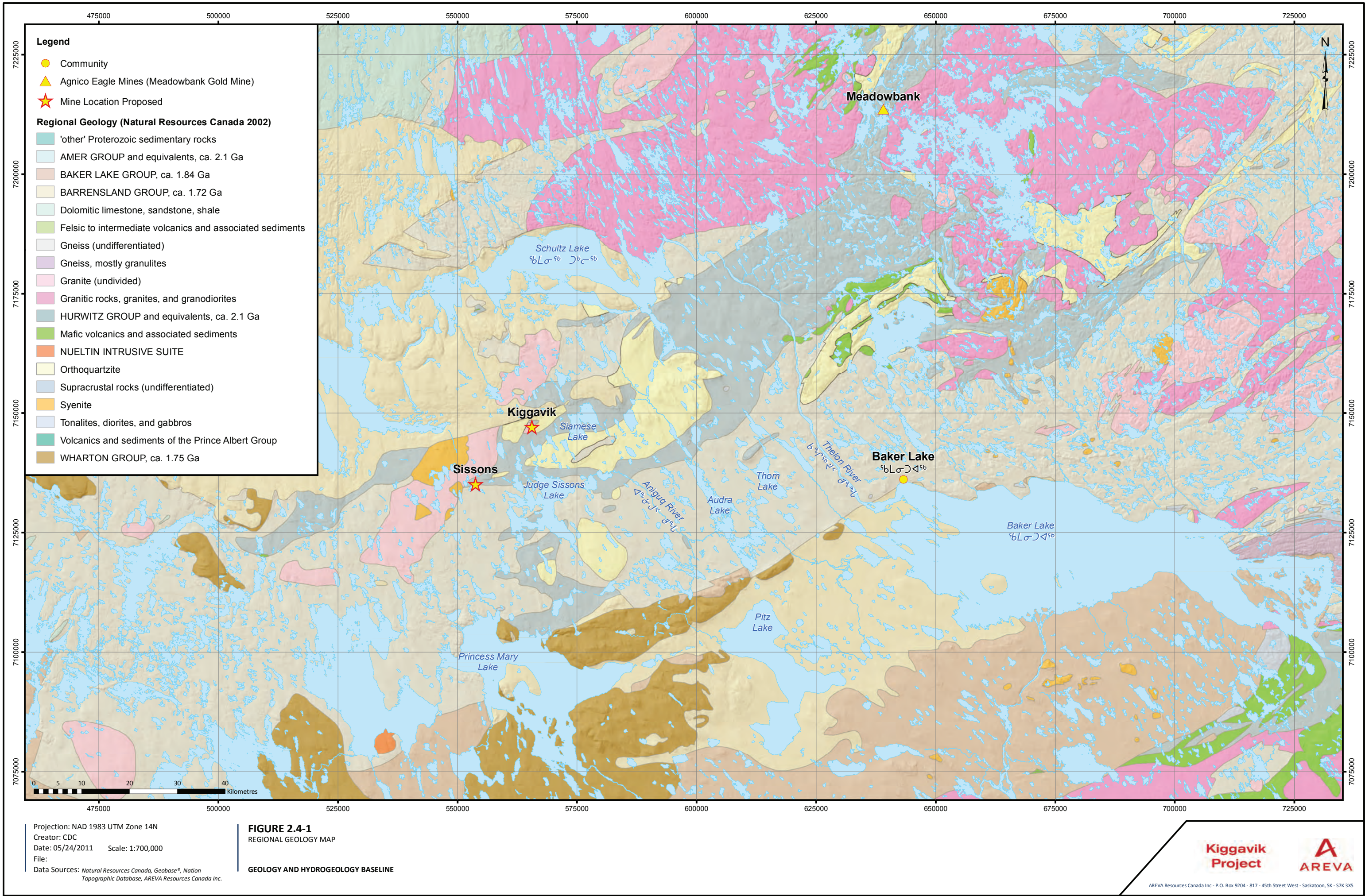
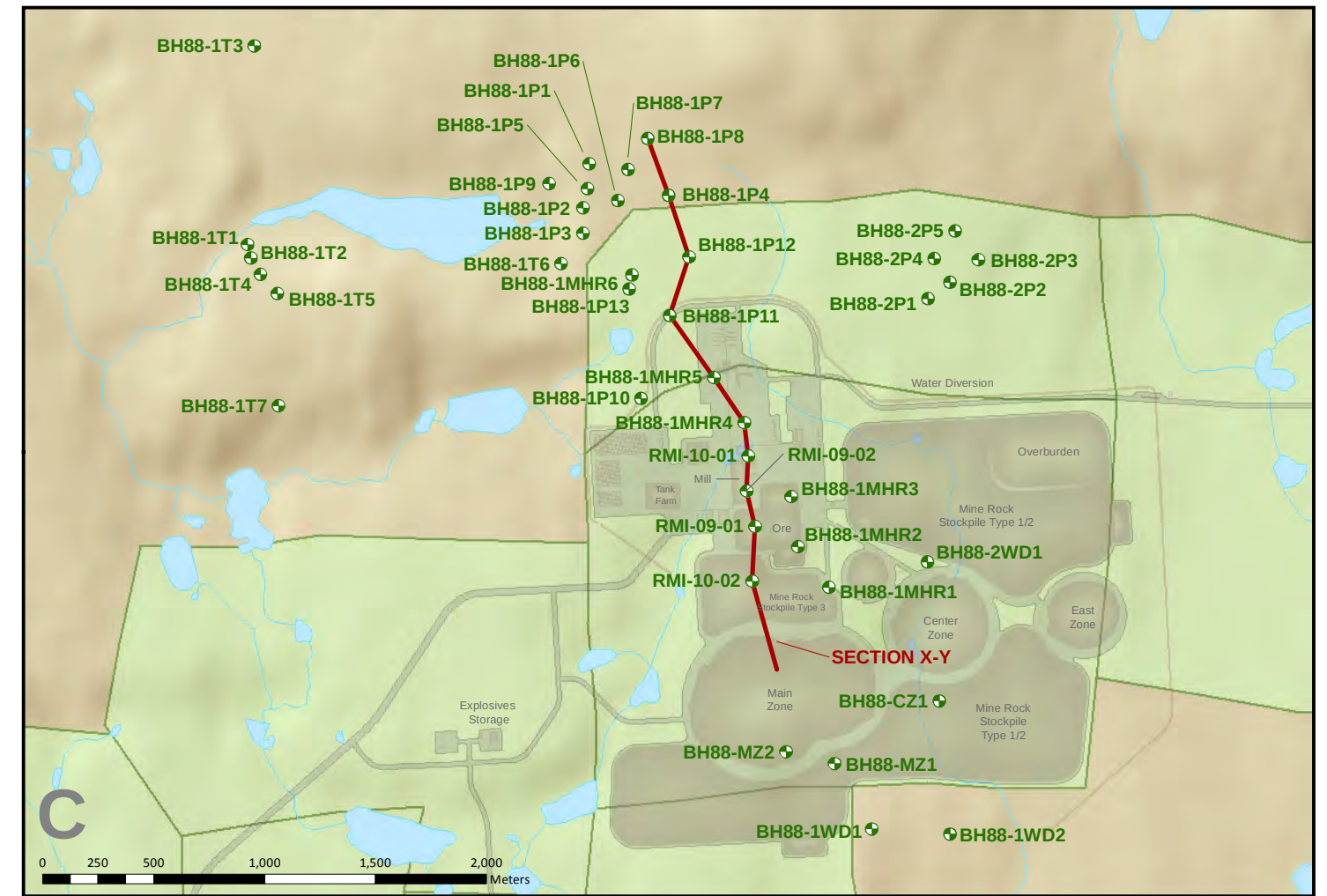
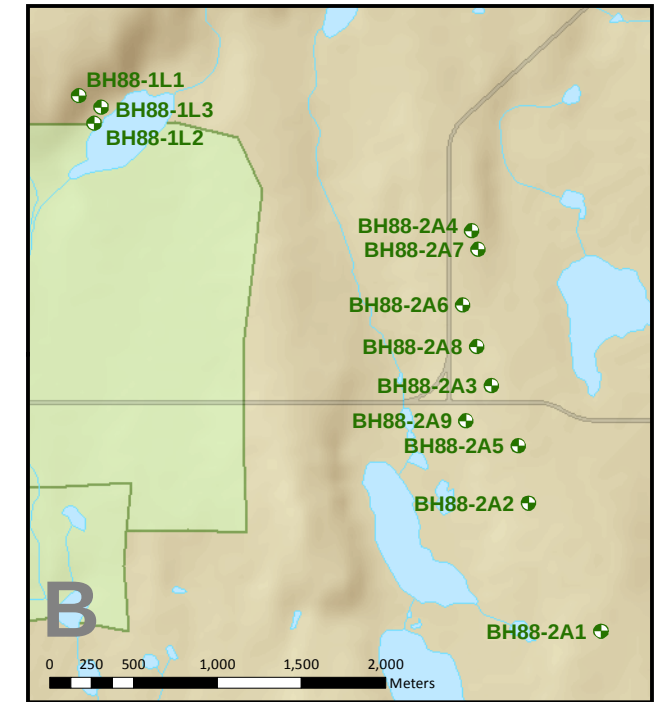
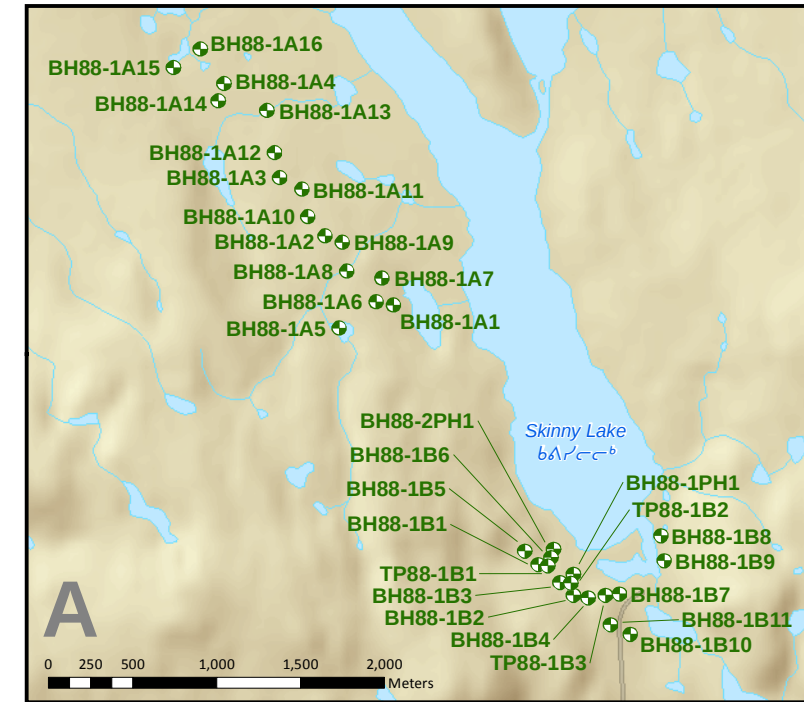
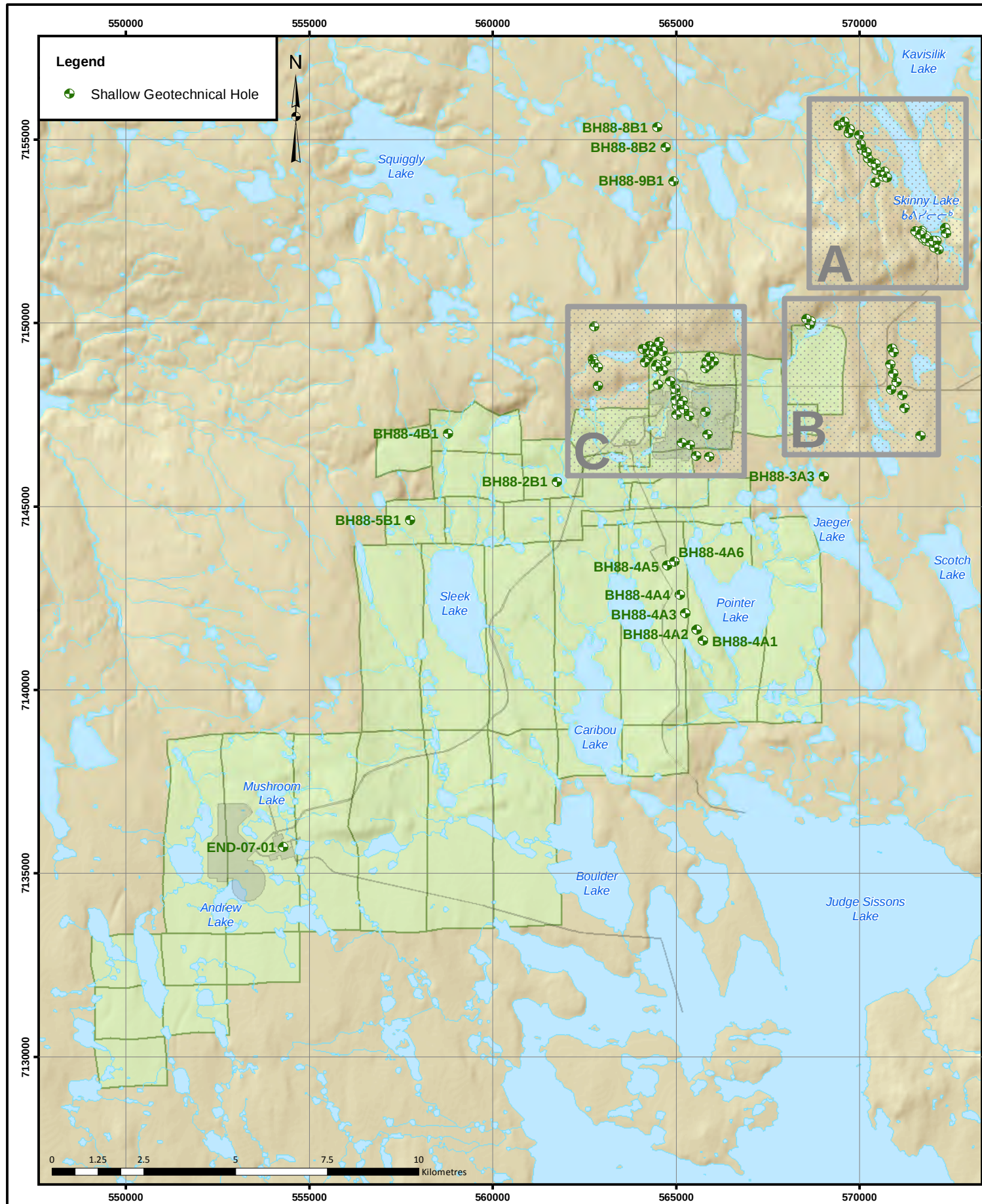






Projection: NAD 1983 UTM Zone 14N
 Creator: CDC Revised: TL
 Date: 07/17/2014
 File:
 Data Sources: Natural Resources Canada, Geobase®, Nation
 Topographic Database, AREVA Resources Canada Inc.

FIGURE 3.1-1
 LOCATION MAP OF SHALLOW GEOTECHNICAL BOREHOLES
 ENVIRONMENTAL IMPACT STATEMENT
 APPENDIX 5B

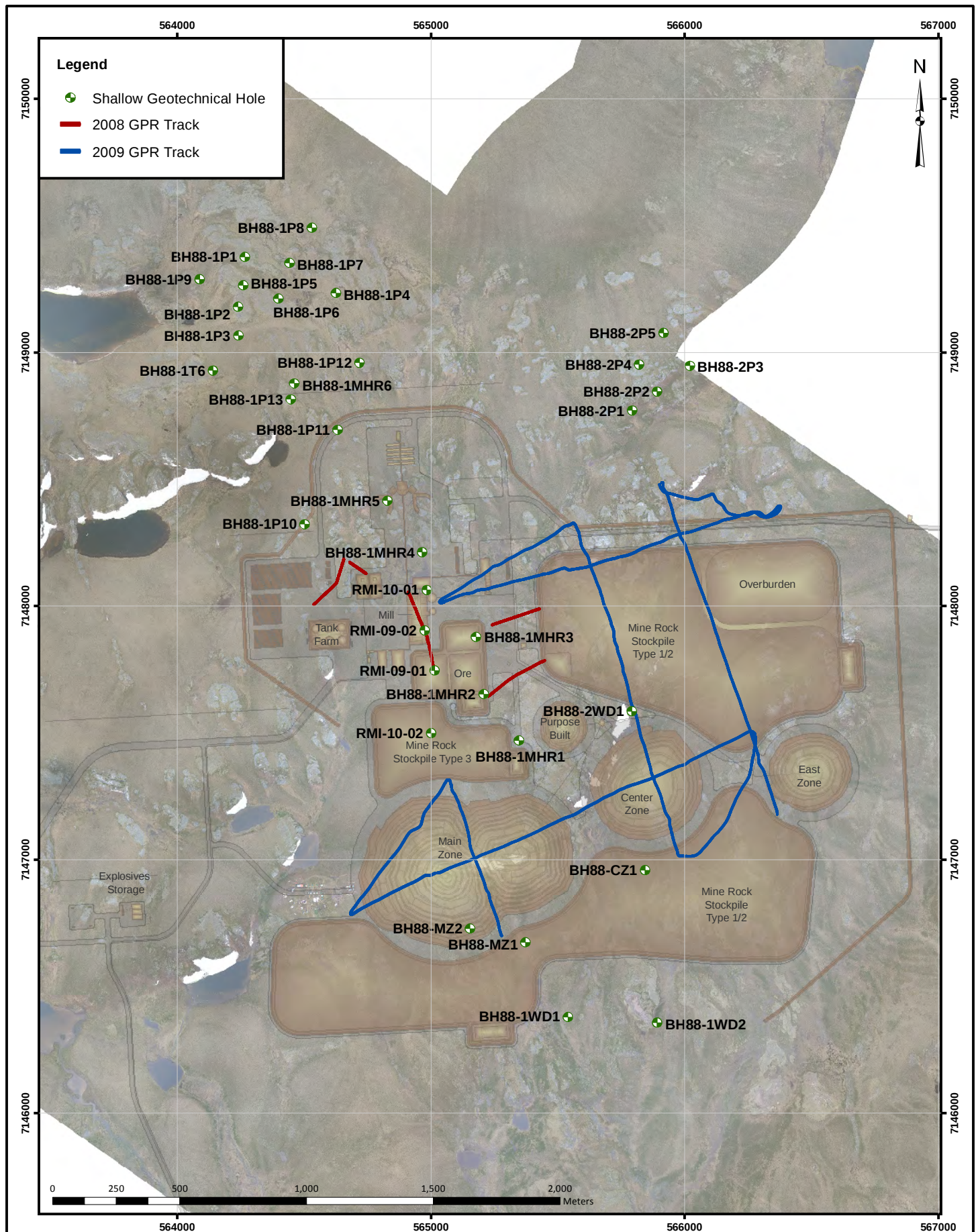
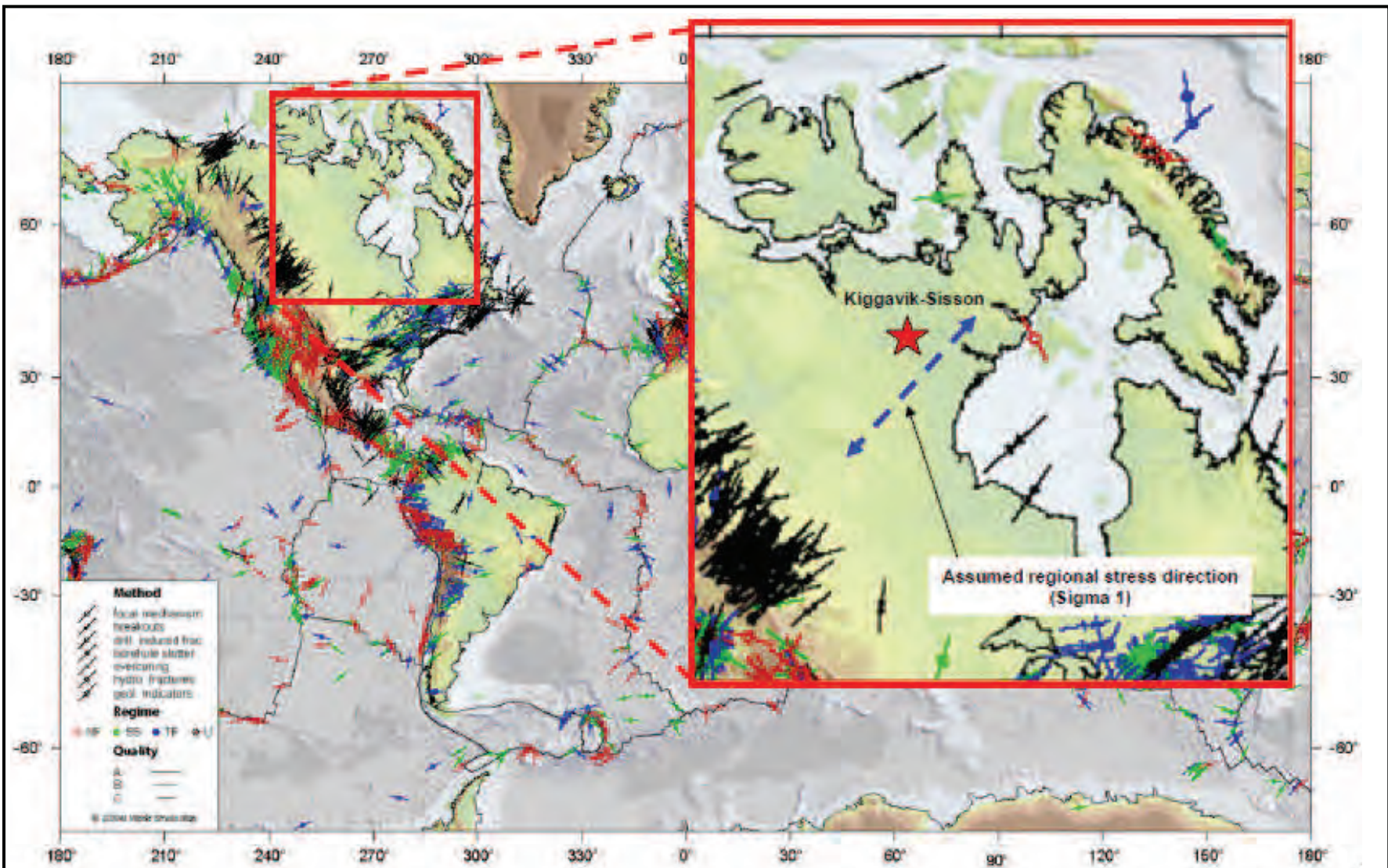


FIGURE 3.1-2
KIGGAVIK AREA GPR COVERAGE AND LOCATIONS OF
SHALLOW GEOTECHNICAL BOREHOLES

ENVIRONMENTAL IMPACT STATEMENT
APPENDIX 5B

**Kiggavik
Project**



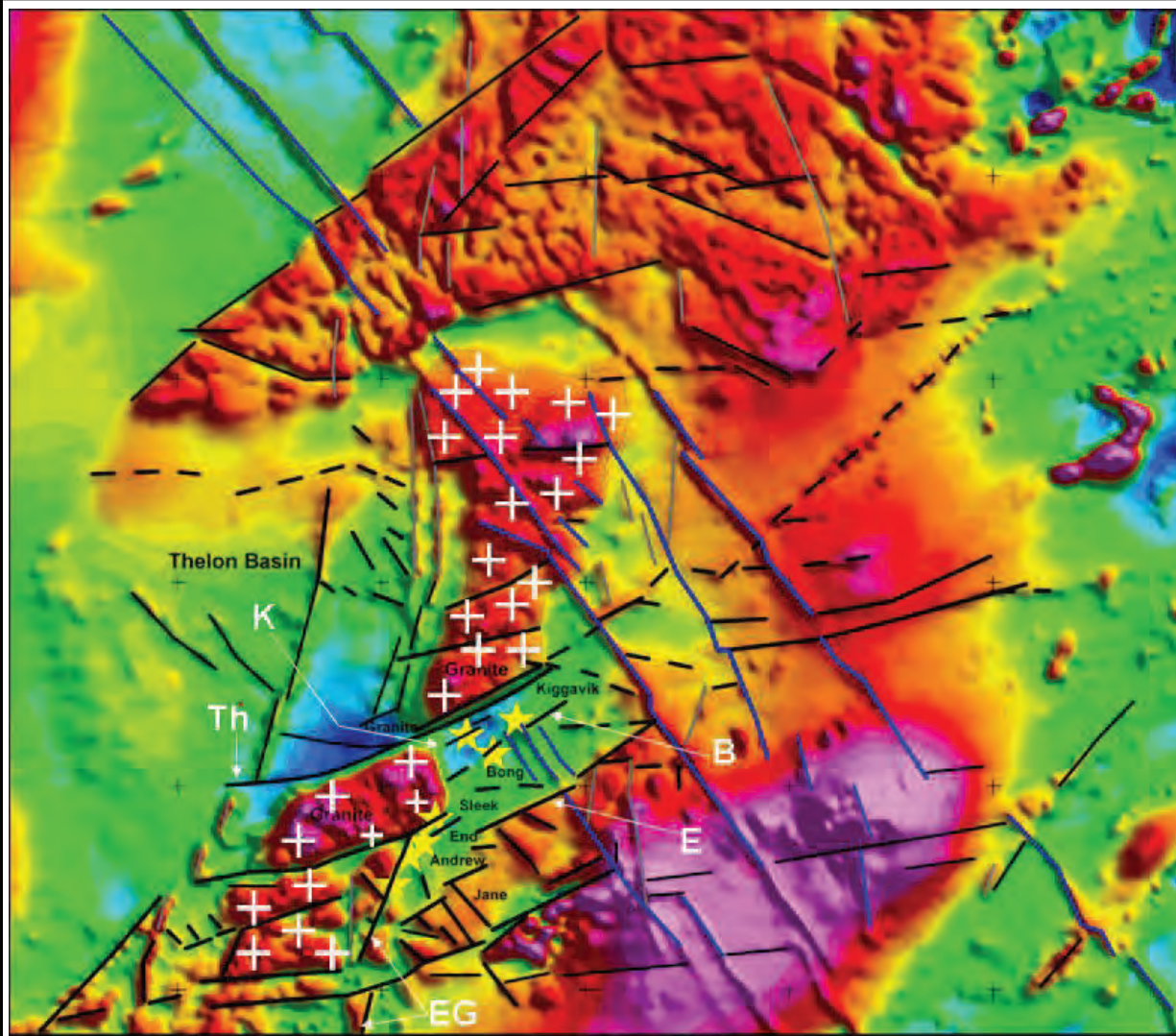


Technical Appendix 5B
Geology and Hydrogeology Baseline
December 2011

Figure 4.1-1
Regional Stress Fields

**Kiggavik
Project**





Black line: discontinuities which would belong to the dextral faults system (NE-SW, WSW-ESE, E-W, WNW-ESE striking-trend) and to the minor conjugate sinistral system (NW-SE)

Grey line: discontinuities which would correspond to the late faulting

Blue line: Discontinuities which would correspond to the diabase dykes

White cross: granite

Yellow stars ores bodies

Th = Thelon Fault

K = Kiggavik Fault

B = Bong Fault

E = End Fault

EG = End-Andrew-Jane-Alpha-Golf Fault

Airmag map from the regional magnetic survey performed by the Geological Survey of Canada

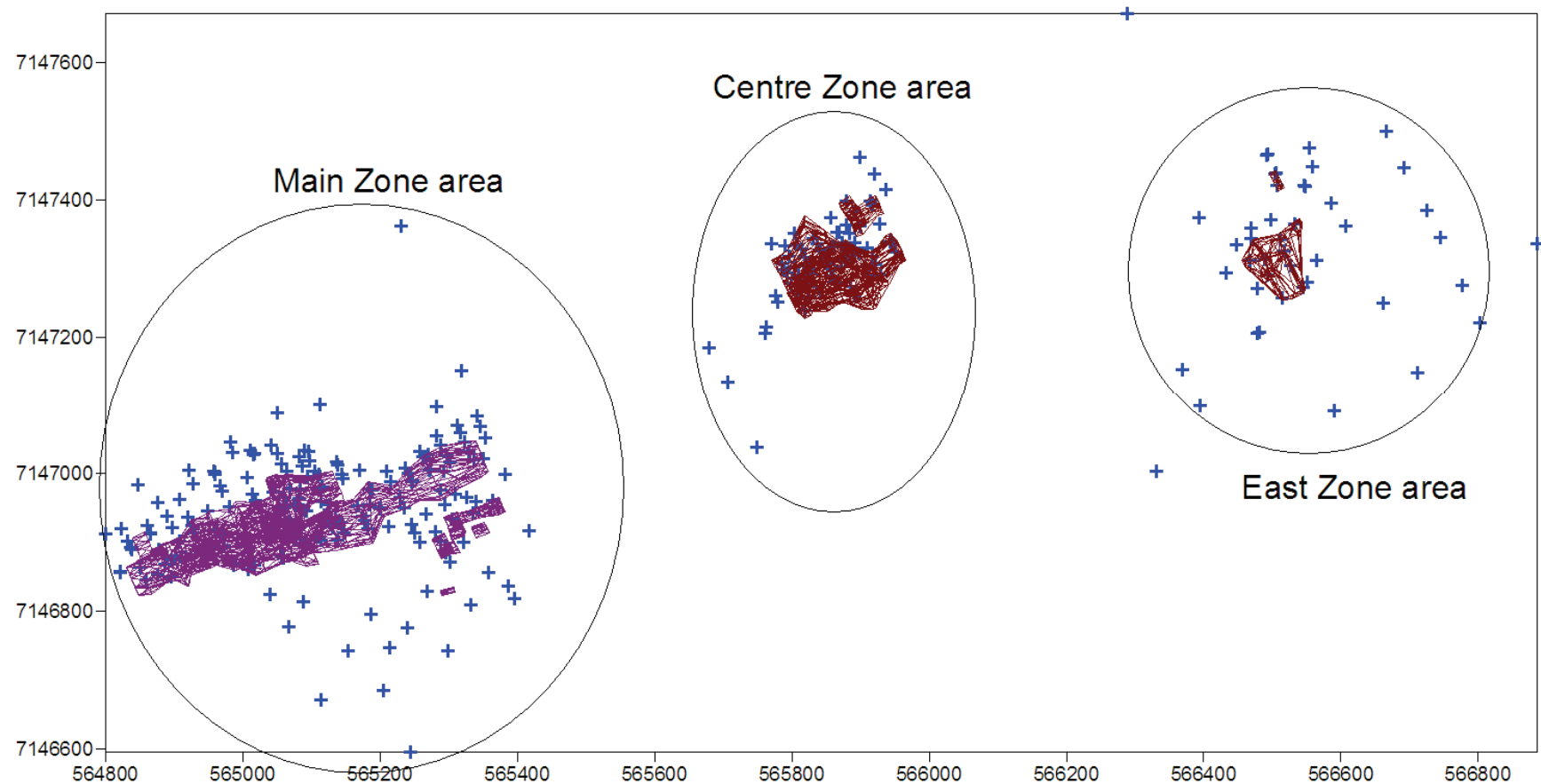
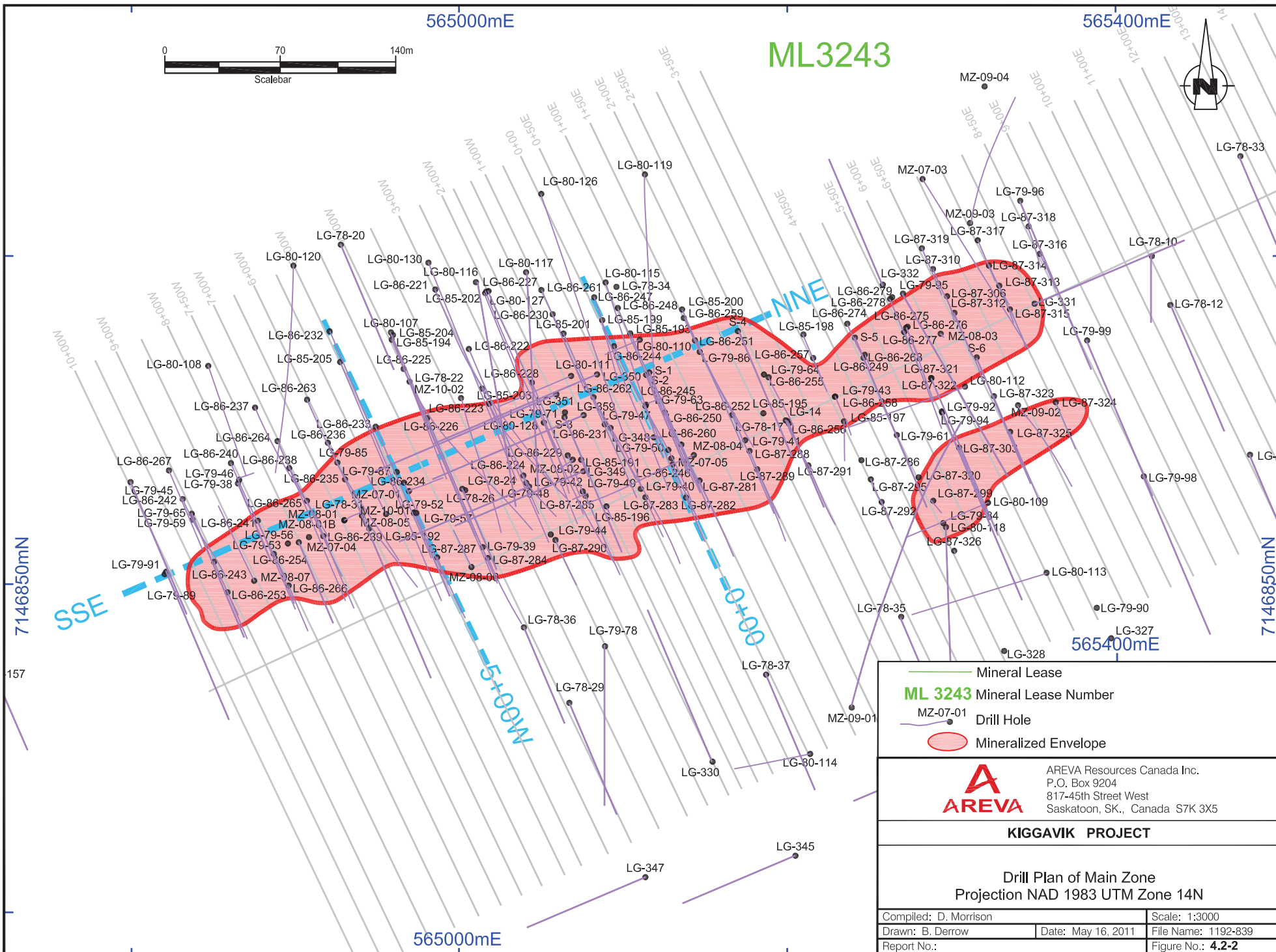
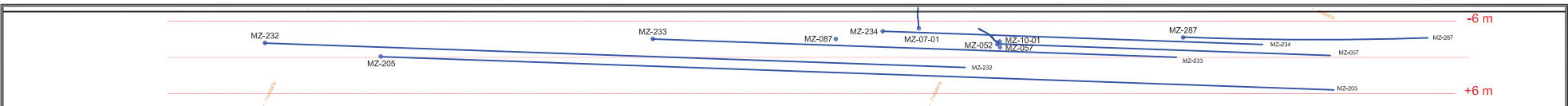


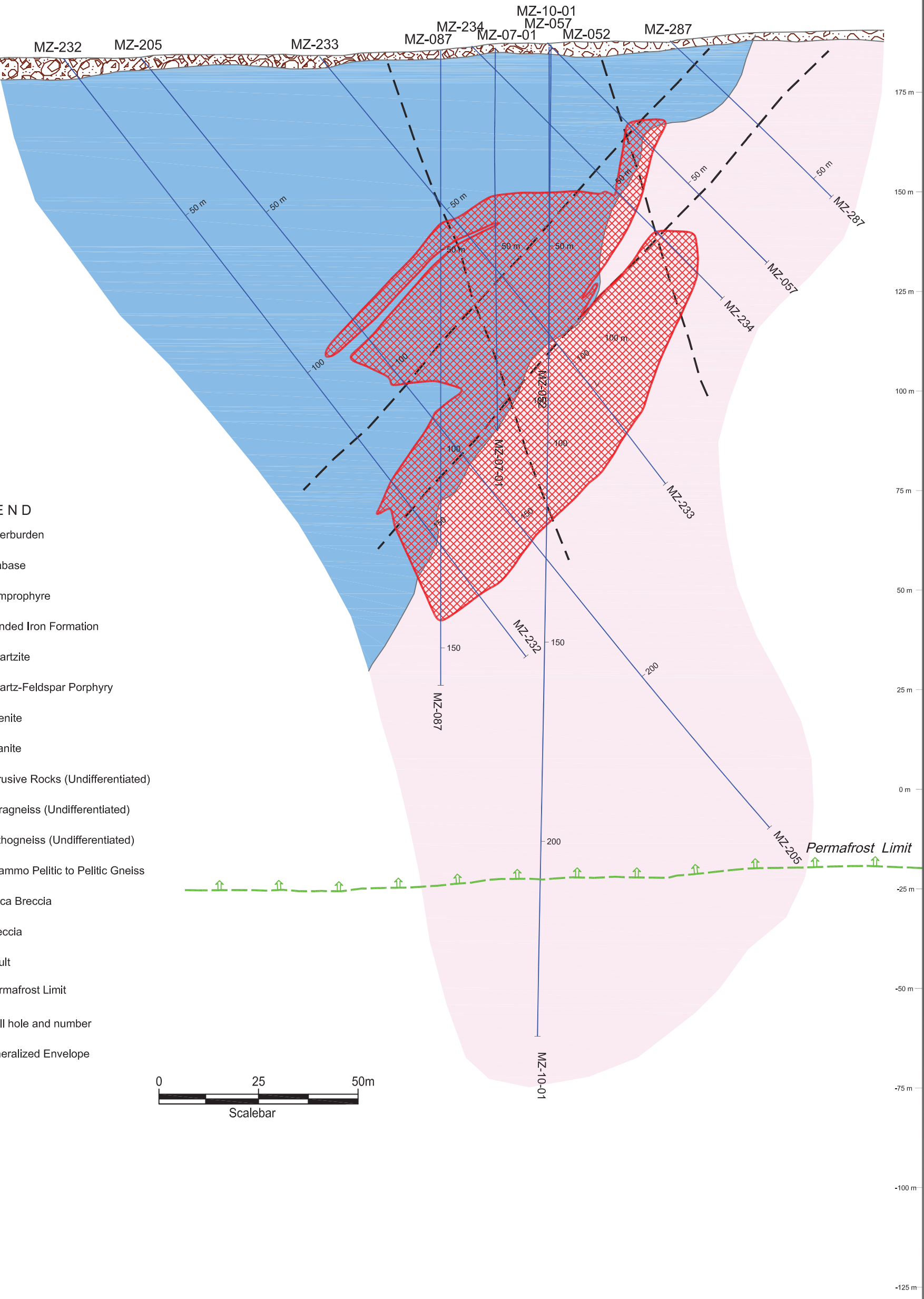
Figure 4.2-1

Locations of historical and recent drillholes in the
Main Zone, Centre Zone and East Zone areas



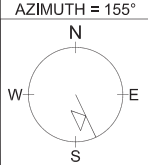


NW SE



LEGEND

- Overburden
- Diabase
- Lamprophyre
- Banded Iron Formation
- Quartzite
- Quartz-Feldspar Porphyry
- Syenite
- Granite
- Intrusive Rocks (Undifferentiated)
- Paragneiss (Undifferentiated)
- Orthogneiss (Undifferentiated)
- Psammo Pelitic to Pelitic Gneiss
- Silica Breccia
- Breccia
- Fault
- Permafrost Limit
- MZ-10-01 Drill hole and number
- Mineralized Envelope





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KIGGAVIK PROJECT
Main Zone Deposit
Cross Section Line 5+00W

Compiled: R. Zerff / D. Morrison	Scale: 1:1000
Drawn: B. Derrow	Date: May 16, 2011
Report No.:	File Name: 1192-840
	Figure No.: 4.2-3