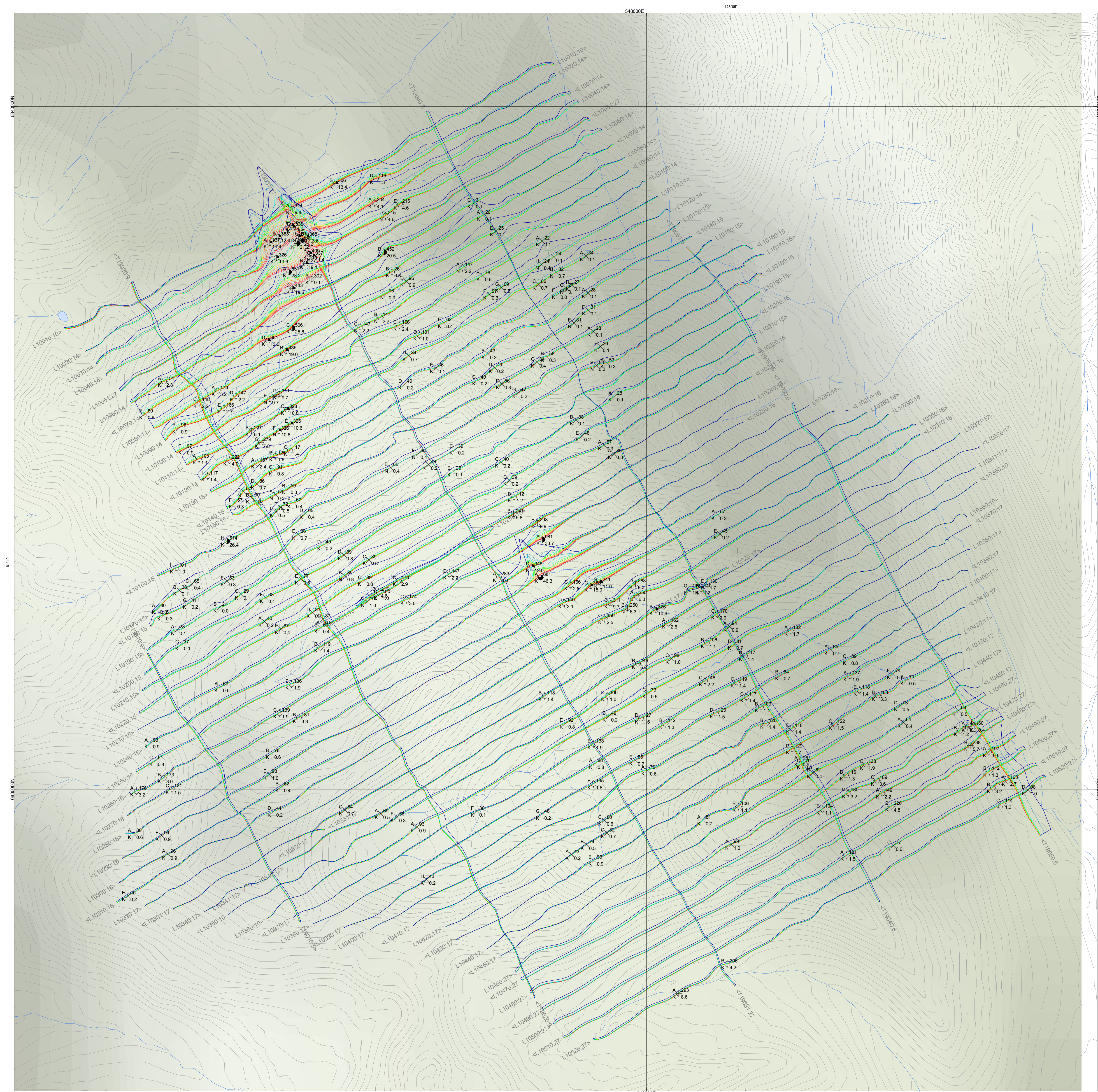




The topographic data base was derived from 1:50000 NRC (Natural Resources Canada) NTDB data

Inset data derived from Natural Resources Canada 'Atlas of Canada Base Maps'

This map accompanies the technical report entitled 'Report on a Helicopter-Borne Magnetic and Electromagnetic Survey, Ross River, Yukon', by Aeroquest Limited, September 2010

Scale 1:10,000,000

Scale 1:10,000

AEROTEM Profiles

positive excursion to top and right, 1mm=100nT

- 20 Off-Time Channel 52 µs
- 21 Off-Time Channel 80 µs
- 22 Off-Time Channel 108 µs
- 23 Off-Time Channel 135 µs
- 24 Off-Time Channel 163 µs
- 25 Off-Time Channel 191 µs
- 26 Off-Time Channel 220 µs
- 27 Off-Time Channel 248 µs
- 28 Off-Time Channel 344 µs
- 29 Off-Time Channel 398 µs
- 210 Off-Time Channel 455 µs

Off-Time Anomaly Symbols

- >50S
- 35-50S
- 20-35S
- 10-20S
- 5-10S
- 1-5S
- <1S

anomaly label

thick/m source

125 decay constant (µs)

off-time conductance (S)

Wetland

Lake

SURVEY SPECIFICATIONS:

Survey flown: June 19 - 28, 2010

Traverse/Tie line spacing: 100/1000 metres

Traverse/Tie line direction: 20°/110°

Nominal EM bird height: 30 metres

Aircraft: Aerostaircase A-Star 350 B3 (C-GSGK)

INSTRUMENTATION:

Data acquisition: ADAS

Magnetometers: Geometrics G-823A caesium vapour

Installation: Towed upper magnetic bird 18 m below the helicopter

Installation: Towed lower magnetic bird 36 m below the helicopter

Sensitivity: .001 nanoTesla

Electromagnetics: AeroTEM II system (ECHO)

Configuration: Towed bird

NAVIGATION:

Navigation: Differential Global Positioning System (DGPS)

Navigation equipment: AGNAV with MID-TECH RX400p receiver

Radar Altimeter: Terra TRA3000/TRI-30

POSITIONING

Datum: NAD83

Major Axis: 6378137.000

Eccentricity: 0.081819191

MAP PROJECTION

Projection: Universal Transverse Mercator

Central Meridian: 129°W (Zone 09)

Central Scale Factor: 0.9996

False Easting/Northing: 500,000m/0m

TerraLogic Exploration Inc.

Ross River, Yukon

AEROTEM

OFF TIME PROFILES

Sprogge Block

NTS 105H09

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September 2010

EM PROFILES