352000E

-131°50'

356000E

6944000N

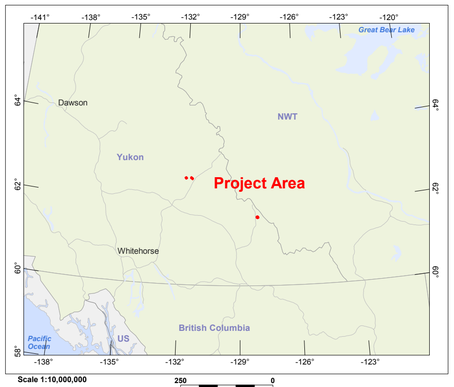
62°35'

Grid North
NAD83-Zone9

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

250 0
(kilometers)
NAD83 / UTM zone 9N

Off-Time Anomaly Symbols

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

anomaly label A 125 decay constant (µs)
thick/thin source K 36 off-time conductance (S)

AeroTEM Profiles

positive excursion to top and right, 1mm=200nT/s

- Z0 Off-Time Channel 30 µs
- Z1 Off-Time Channel 58 µs
- Z2 Off-Time Channel 85 µs
- Z3 Off-Time Channel 113 µs
- Z4 Off-Time Channel 141 µs
- Z5 Off-Time Channel 169 µs
- Z6 Off-Time Channel 210 µs
- Z7 Off-Time Channel 266 µs
- Z8 Off-Time Channel 321 µs
- Z9 Off-Time Channel 377 µs
- Z10 Off-Time Channel 446 µs

Lake

SURVEY SPECIFICATIONS:
- Survey flown: June 19 - 28, 2010
- Traverse/Tie line spacing: 100/1000 metres
- Traverse/Tie line direction: 55°/145°
- Nominal EM bird height: 30 metres
- Aircraft: Aerospatiale 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

1:10,000

200 0 200 400 600
(meters)
NAD83 / UTM zone 9N

TerraLogic Exploration Inc.
Ross River, Yukon

AEROTEM
OFF TIME PROFILES

Kiwi Block

NTS 105J12

AEROQUEST
7687 Bath Road, Mississauga, ON, CANADA L4T 3T1
Tel: (905) 672-9129 Fax: (905) 672-7083
www.aeroquest.ca

September 2010

EM PROFILES

EM PROFILES_10k_Kiwi Block.map, AQL Job no. 10048