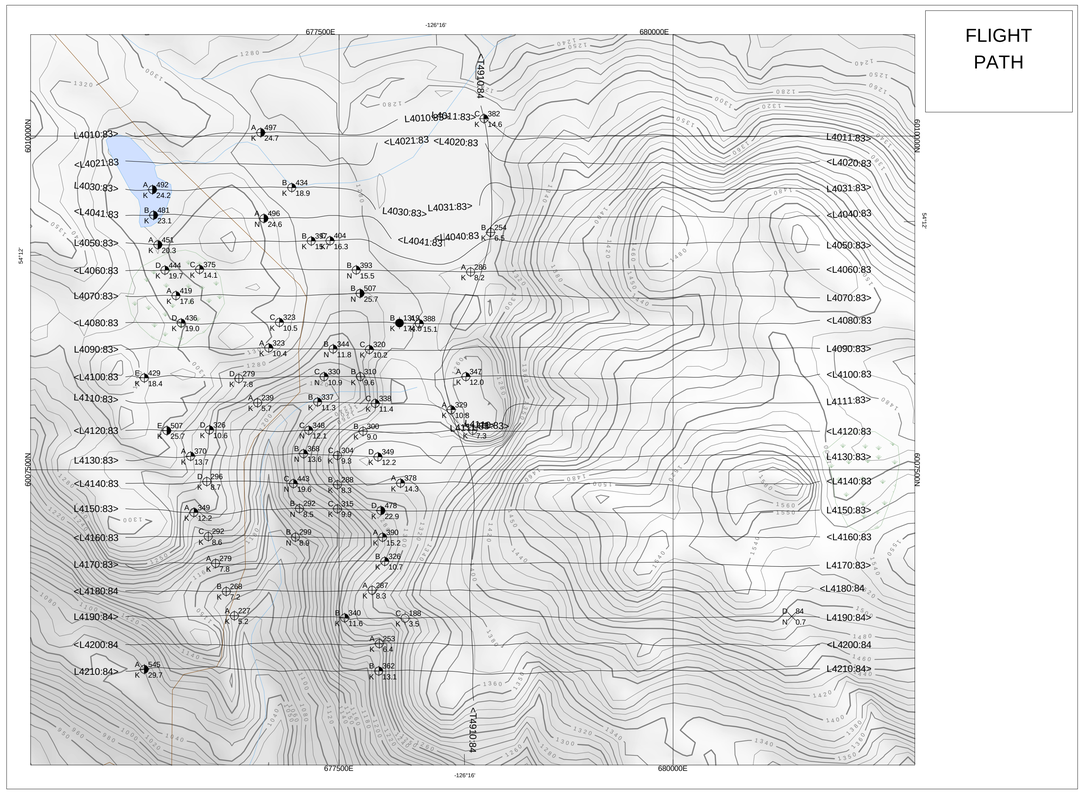
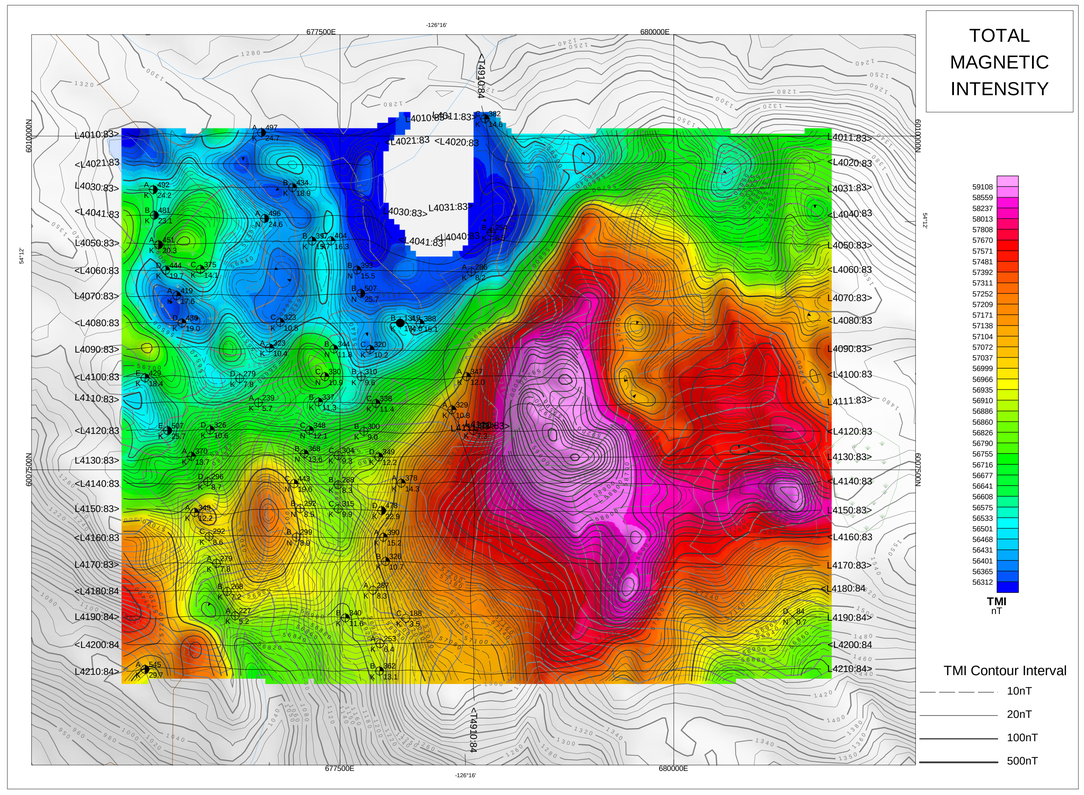
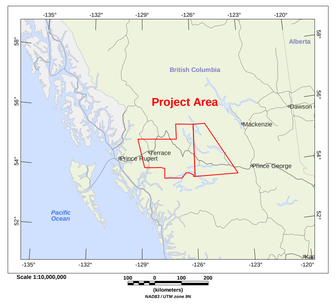


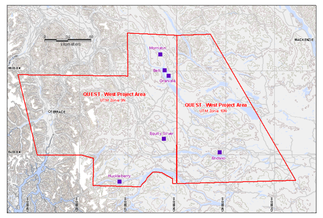


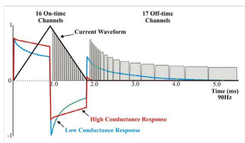
Grid North
NAD83 - Zone 9

The topographic data base was sourced from 1:250000 NRC (Natural Resources Canada) NTDB data
Topo contours derived from NASA SRTM (Shuttle Radar Topography Mission) data
Inset data derived from Natural Resources Canada 'Atlas of Canada Base Maps'

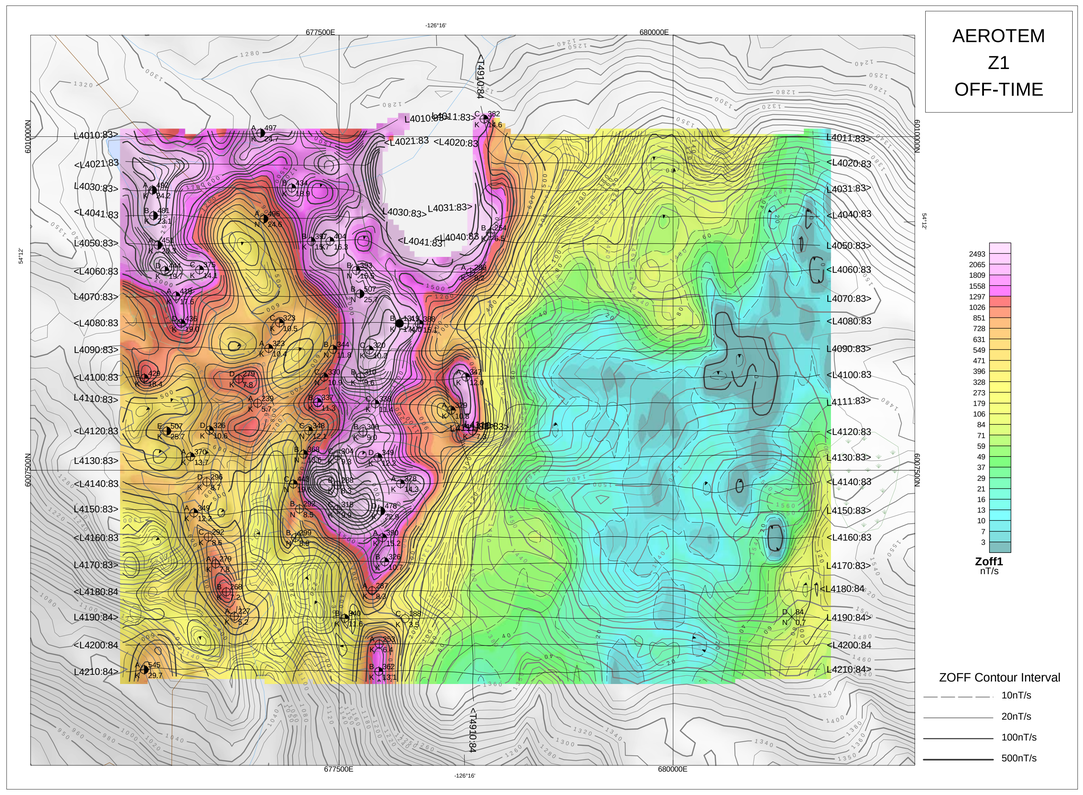
This map accompanies the technical report entitled 'Report on a Helicopter-Borne Magnetic and Electromagnetic Survey, Quest West, BC', by Aeroquest Surveys, January 2009

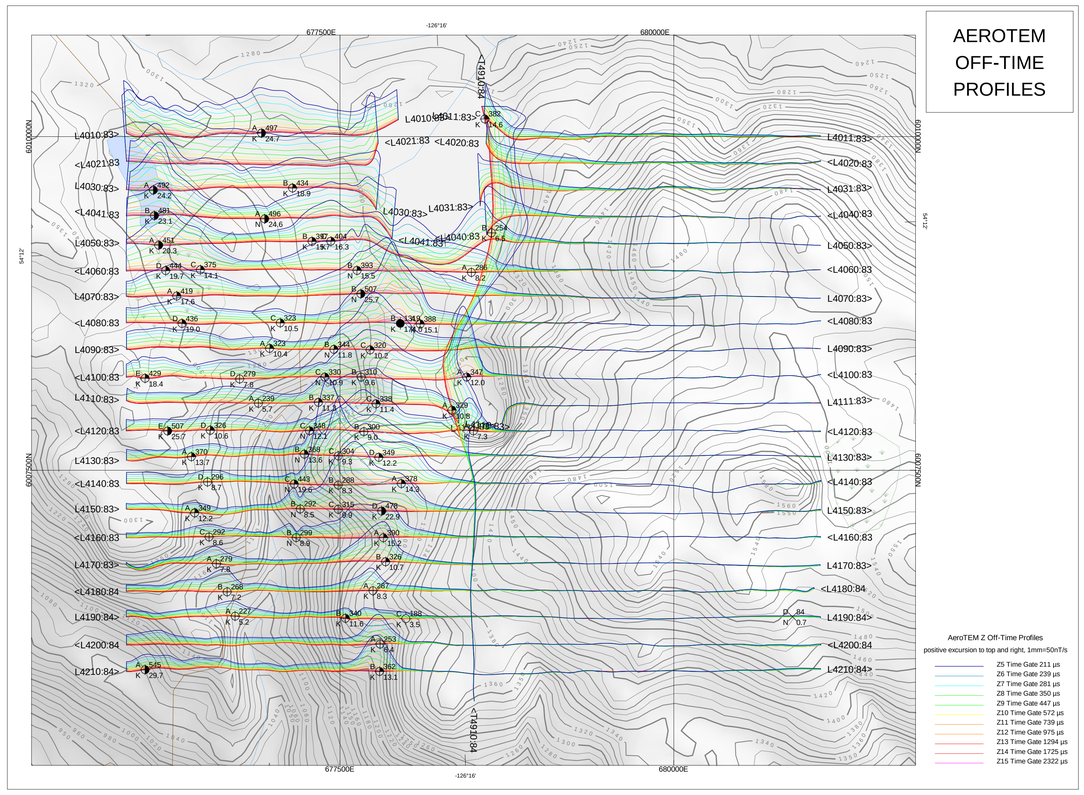






Schematic of Transmitter and Receiver waveforms



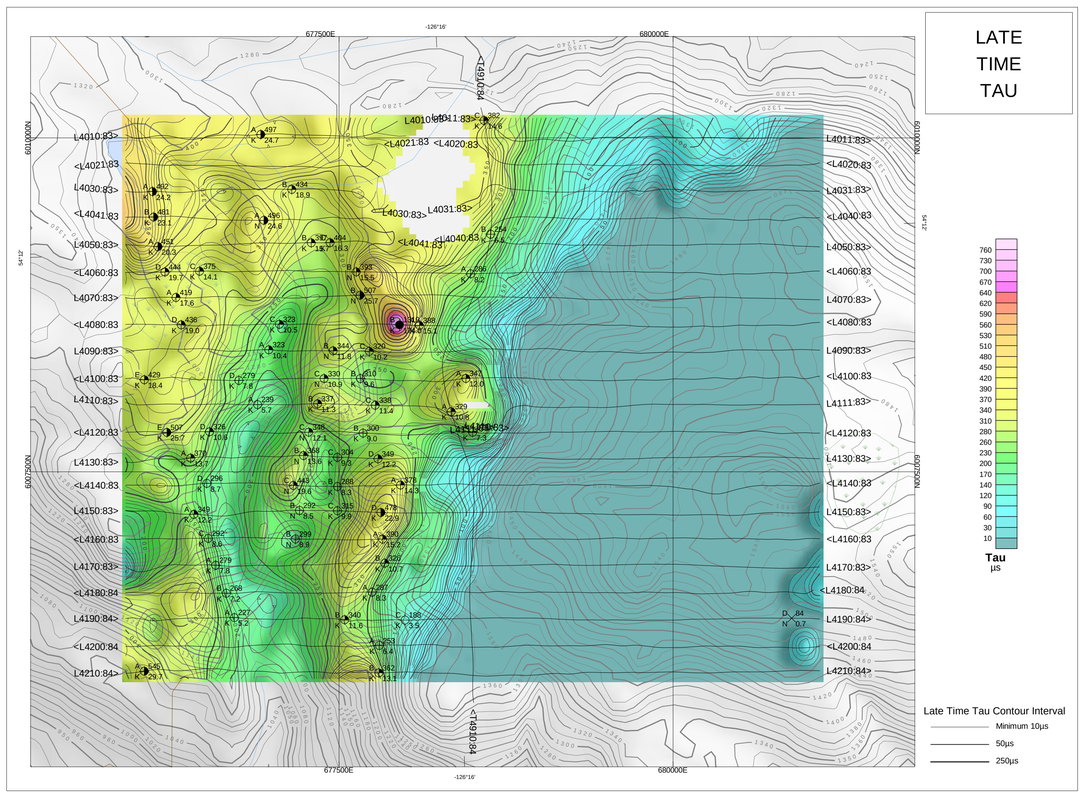


- Building
- Rail
- Roads / Trails
- Pipeline
- Transmission Line
- Sand
- Built Up Area
- Mining Area
- Mining Claims
- Wetland
- Lake

Off-Time Anomaly Symbols

- >50S
- 35-50S
- 20-35S
- 10-20S
- 5-10S
- 1-5S
- <1S
- Cultural Sources.....

anomaly label — decay constant (µs)
thicK/thiN source — off-time conductance (S)



Geoscience BC

SURVEY SPECIFICATIONS:
- Survey flown: October 17, 2008
- Traverse line spacing: 200 metres
- Traverse line direction: 90°/270°
- Nominal EM bird height: 30 metres
- Aircraft: Aerospatiale Lama 315B (C-GWAO)

INSTRUMENTATION:
- Data acquisition: ADAS & RMS DGR-33
- Magnetometer: Geometrics G-823A caesium vapour
- Installation: Towed bird 31 m above EM bird
- Sensitivity: .001 nanoTesla
- Electromagnetics: AeroTEM III System (Mike)
- 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 9)
- Central Scale Factor: 0.9996
- False Easting/Northing: 500,000m/0m

scale 1:20,000
250 0 250 500 750 1000 1250 1500
(meters)
NAD83 / UTM zone 9N

Geoscience BC
British Columbia

Equity Silver Infill Block

NTS 093L01

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www.aeroquest.ca

January 2009

Equity_20k.map