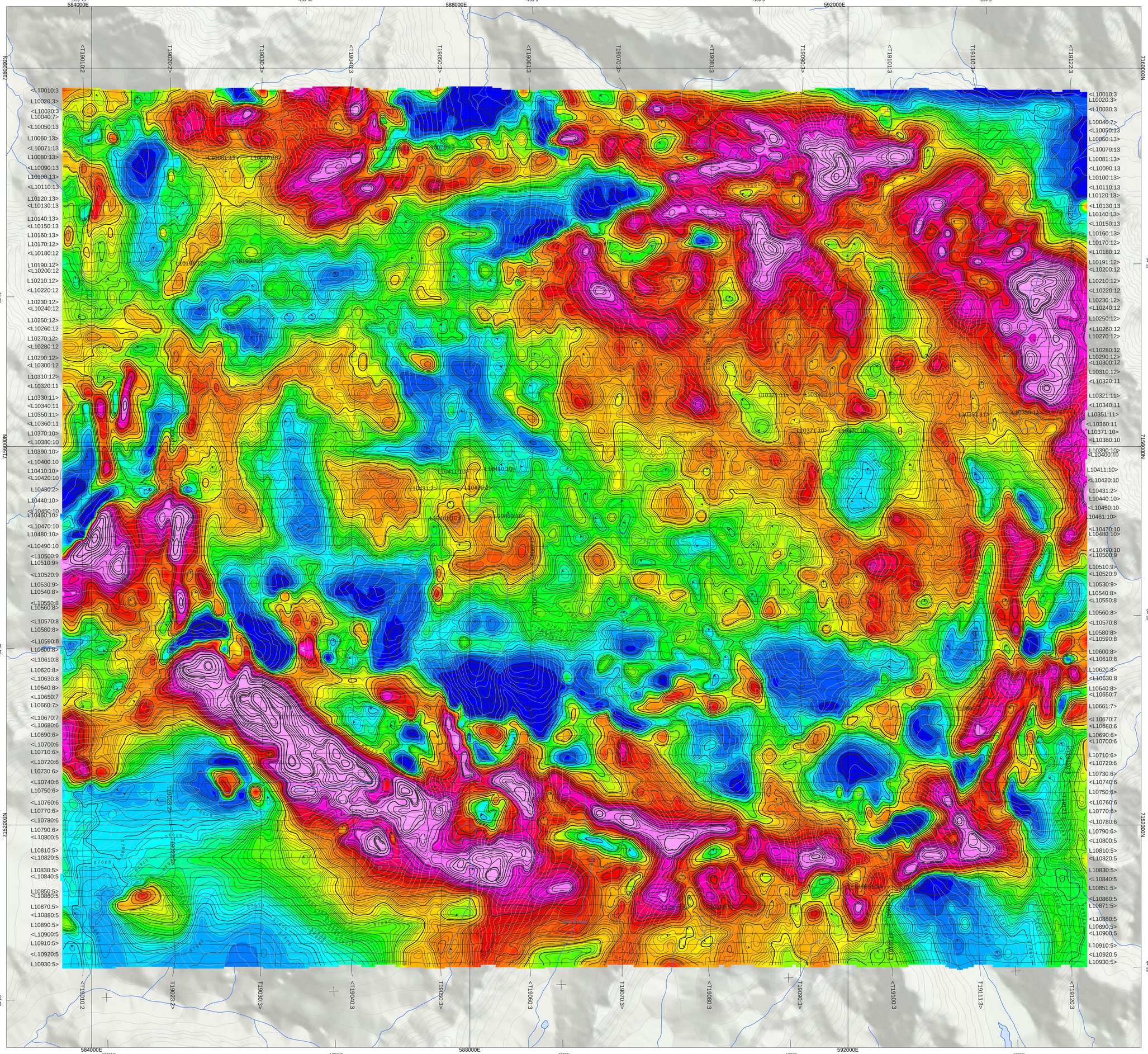
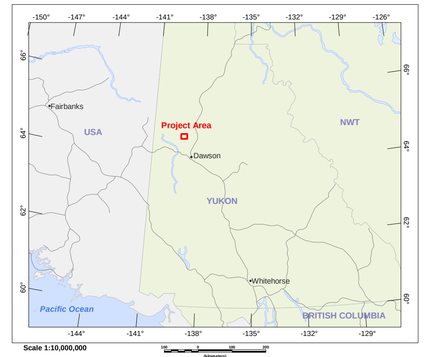


Grid North
NAD83-Zone7

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 Gradiometer and Gamma Ray Spectrometer Survey, Borealis Project, Dawson Area, Yukon', by Aeroquest Limited, September 2007.



TMI Contour Interval

- 5nT
- 10nT
- 50nT
- 250nT

60402.9
58459.7
58271.8
58163.5
58095.6
58044.4
57997.5
57959.3
57928.5
57903.1
57881.7
57861.1
57842.8
57826.6
57811.8
57798.1
57785.3
57772.4
57760.3
57748.7
57737.6
57726.4
57715.7
57705.3
57695.3
57685.3
57675.3
57665.6
57656.1
57646.6
57636.0
57625.7
57615.4
57605.0
57594.7
57584.0
57570.9
57548.8
57513.8
56840.2
TMI
nT

SURVEY SPECIFICATIONS:
- Survey flown: July 25 - August 3, 2007
- Traverse line spacing: 100 metres
- Traverse line direction: E-W (90°)
- Nominal HeliTAG bird height: 30 metres
- Aircraft: Aerospatiale A-Star 350B2 (C-GPTY)

INSTRUMENTATION:
- Data acquisition: HeliTAG - Tri-Directional Total Field/Gradient
- Magnetometers: 4 x G823A Cesium Vapour sensors
  - Installation: Towed bird (30m nominal ground clearance)
  - Sensitivity: .004 nanoTesla
  - Sample Interval: 10 Hz
- Gamma Ray Spectrometer: PicoEnvirotec AGRS GRS 10-5
  - Downward looking crystal vol. - 16.8L (1024cu in)
  - Upward looking crystal vol. - 4L (256cu in)
  - Sample Interval: 1.0 seconds
  - Channels: 256
  - Installation: In helicopter

NAVIGATION:
- Navigation: Differential Global Positioning System (DGPS)
- Navigation equipment: AGNAV with MID-TECH RX400p receiver
- Radar Altimeter: Terra TRA3000/TRI-30

DATA PROCESSING
- Magnetics: diurnal, tieline and micro-leveling corrections

POSITIONING
- Datum: NAD83
  - Major Axis: 6378137.000
  - Eccentricity: 0.081819191

MAP PROJECTION
- Projection: Universal Transverse Mercator
- Central Meridian: 141°W (Zone 7)
- 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 7N

Copper Ridge Explorations Inc.
Dawson Area, Yukon

TOTAL MAGNETIC INTENSITY

Borealis Project

NTS 011B06, 11

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September 2007

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