



The topographic data base was derived from 1:50,000 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 Property, Dawson Area, Yukon', by Aeroquest Limited, October 2007.

Grid North
NAD83-Zone7

Scale 1:10,000,000

Scale 1:20,000
(meters)
NAD83 / UTM zone 7N

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 CRS 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, tie-line 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
(meters)
NAD83 / UTM zone 7N

Copper Ridge Explorations Inc.
Dawson Area, Yukon

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OF TMI**

Borealis Property

NTS 116B06, 11

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