



MAP PROJECTION
 Projection: Universal Transverse Mercator Zone 8N
 Datum: WGS 84
 Local Datum Transform: World

MOUNT VIC NORTH SURVEY SPECIFICATIONS
 Survey Dates: August 7 to August 10, 2020
 Survey Base: Carmacks, YT
 Aircraft Type: Airbus AS350 helicopter
 Registration: C-GSVY
 Survey Technology: Magnetic and Radiometric Survey
 Mean Flight Height: 42.2 meters
 Survey Line Spacing: 50 meters
 Survey Line Direction: 170°/350°
 Tie Line Spacing: 500 meters
 Tie Line Direction: 080°/260°

AIRBORNE SURVEY SYSTEM
 Magnetometer Sensor: Scintrex CS-3 Cesium
 Configuration: Stinger with 3 axis compensation
 Sample Rate: 20 Hz
 Sensitivity: 0.0006 nT $\sqrt{\text{Hz}}$ rms

Gamma Ray Spectrometer: Pico Envirotec AGRS
 Downward-Looking Crystals: 16.8 litres of NaI(Tl)
 Upward-Looking Crystal: 4.2 litres of NaI(Tl)
 Sample Rate: 1 Hz (Resampled to 20 Hz)

Legend

- Water Bodies.....
- Elevation Contours, 100 ft Interval.....
- Mount Vic North Survey Block Boundary.....

DATA REFERENCE
 Calculated Vertical Gradient (CVG) is the first vertical derivative of Residual Magnetic Intensity (RMI). Refer to report for details. CVG is represented as a grid and drawn with a histogram-equalized colour shade; sun illumination inclination at 45° and declination at 045°.

TOPOGRAPHIC REFERENCE
 National Topographic Data Base (NTDB), Canada. Ottawa, ON: Government of Canada, Natural Resources Canada, Center for Topographic Information.
 URL <http://ftp.geogratis.gc.ca/pub/nrcan_mcan/vector/ntdb_bndt/>[2007]

CVG (nT/m)

