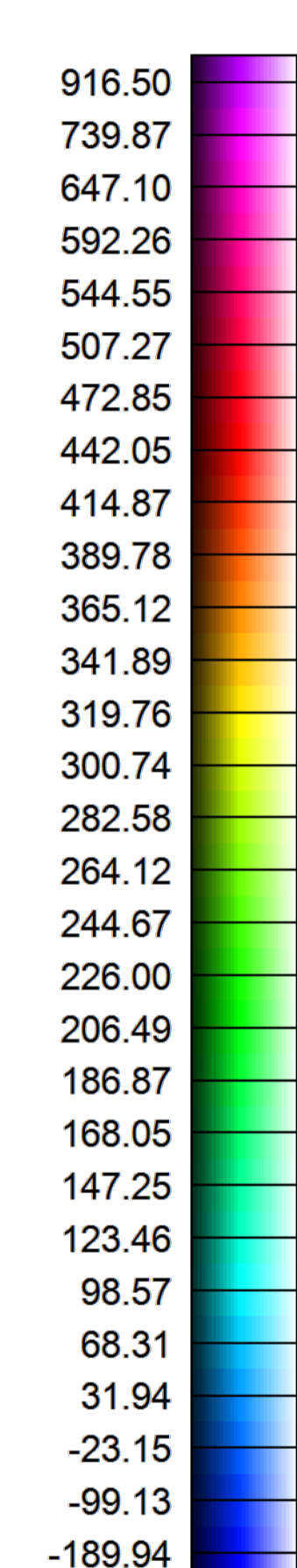
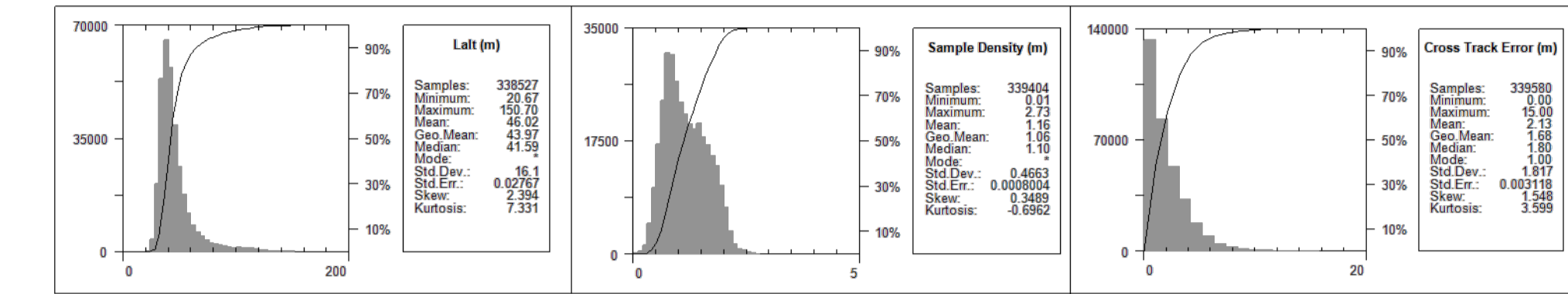
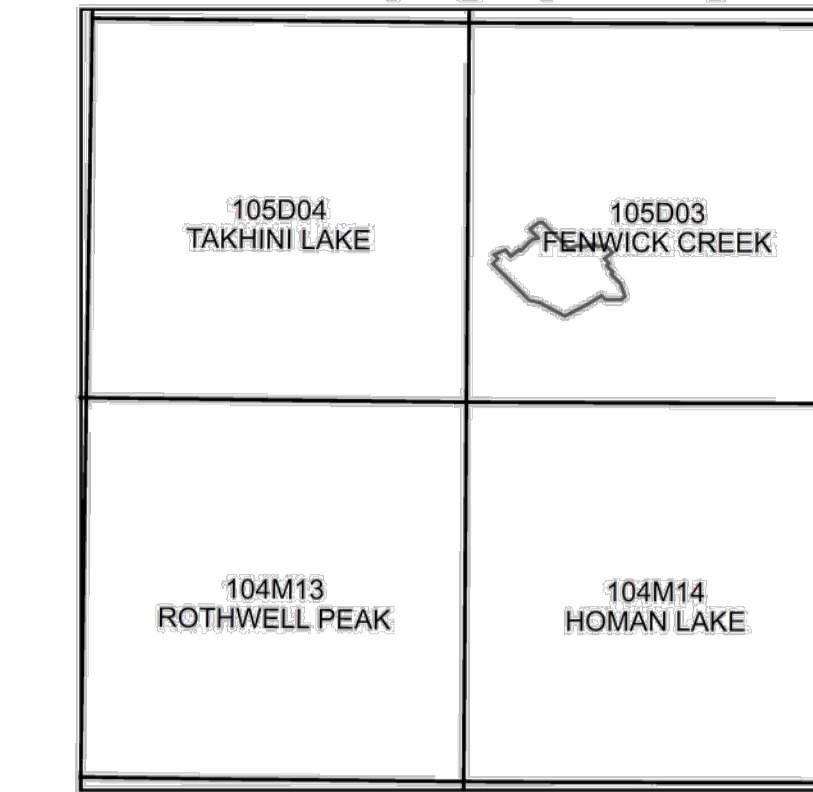


National Topographic System



MAP PROJECTION

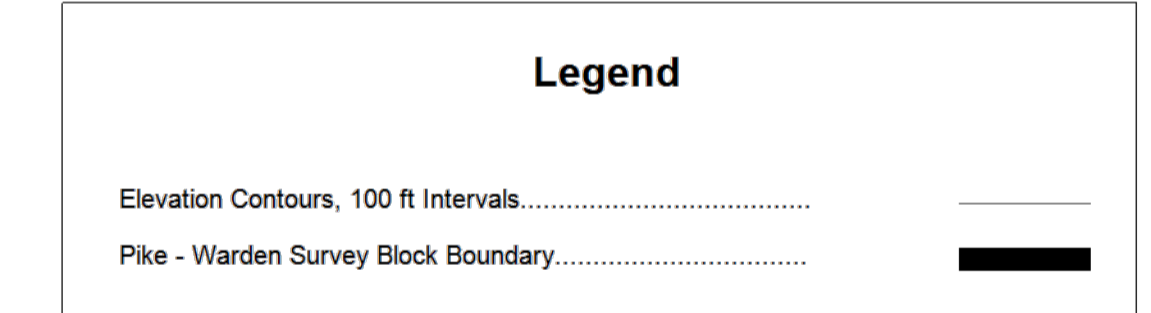
Projection: Universal Transverse Mercator Zone 8N
Datum: WGS 84
Local Datum Transform: World

PIKE-WARDEN SURVEY SPECIFICATIONS

Survey Dates: July 8 and July 9, 2021
 Survey Base: Mt. Skukum camp, BC
 Aircraft Type: Airbus AS350 helicopter
 Registration: C-GSVY
 Survey Technology: Gradient magnetic, VLF-EM, and radiometric survey
 Total Line km: 395 km
 Mean Survey Height: 46.0 meters
 Survey Line Spacing: 100 meters
 Survey Line Direction: 135°/315°
 Tie Line Spacing: 1000 meters
 Tie Line Direction: 045°/225°

AIRBORNE SURVEY SYSTEM

Magnetometer Sensors: 2 x Scintrex CS-3 Cesium
 1 x Geometrics G-822A Cesium
 Configuration: Triple gradient boom with 3 axis compensation
 Sample Rate: 20 Hz
 Sensitivity: 0.0006 nT · Hz rms
 VLF-EM Receiver: Herz Totem-2A
 Sample Rate: 20 Hz
 Transmitter Stations: NML – LaMoure, ND 25.2 kHz
 NLK – Seattle, WA 24.8 kHz
 Gamma Ray Spectrometer: Pico Envirotec AGRS-5
 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)



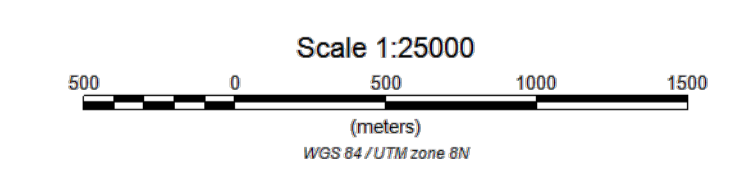
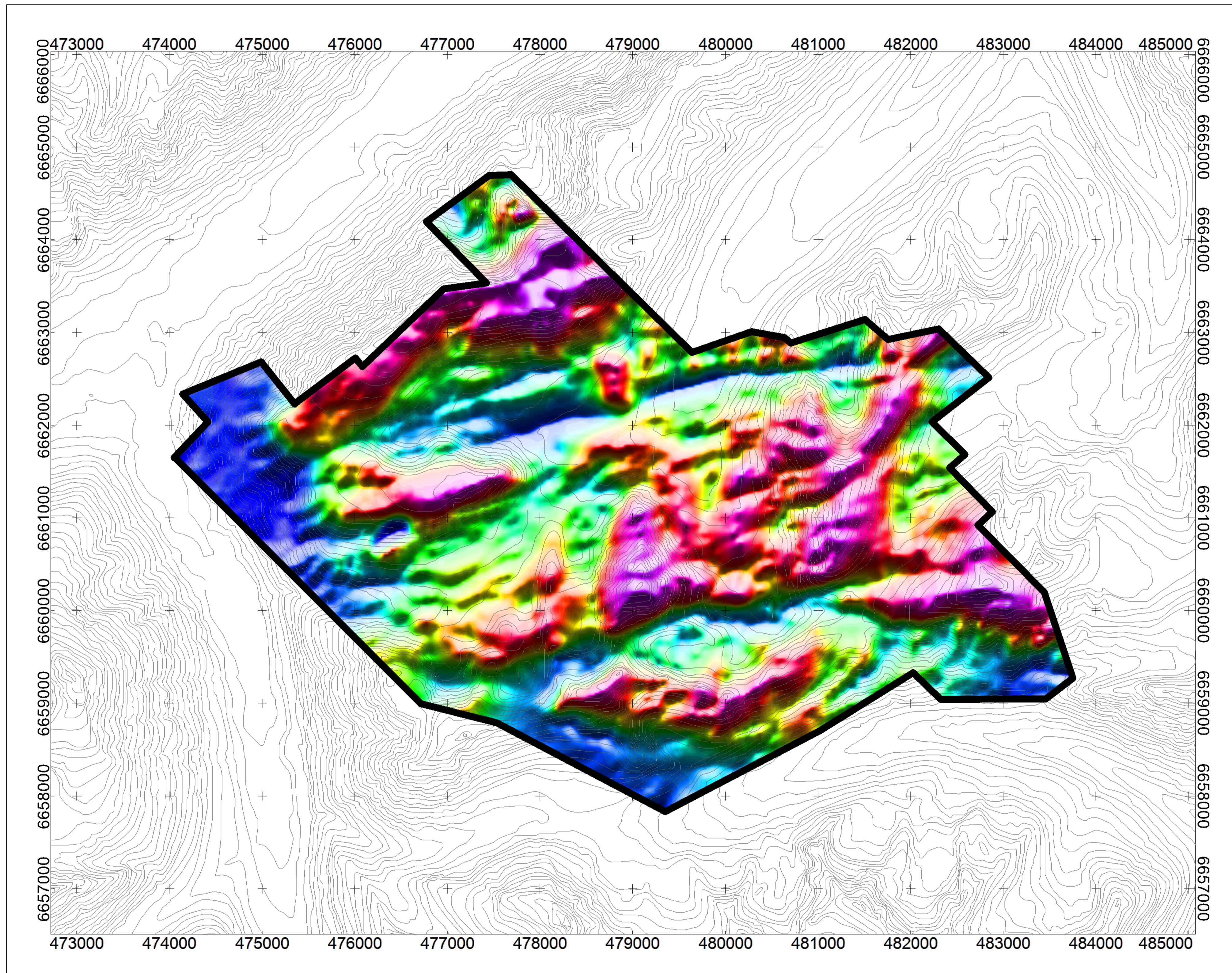
DATA REFERENCE

Gradient enhanced Reduced to Magnetic Pole (RTPge) is derived from the gradient enhanced Residual Magnetic Intensity (RMge). Refer to report for details. RTPge is represented as a grid and drawn with a histogram-equalized wet-look colour shade; sun illumination inclination at 0° and declination at 000°.

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]

RTPge (nT)



Pike-Warden Survey Block

Magnetic Map
 Gradient Enhanced Reduced to Magnetic Pole

