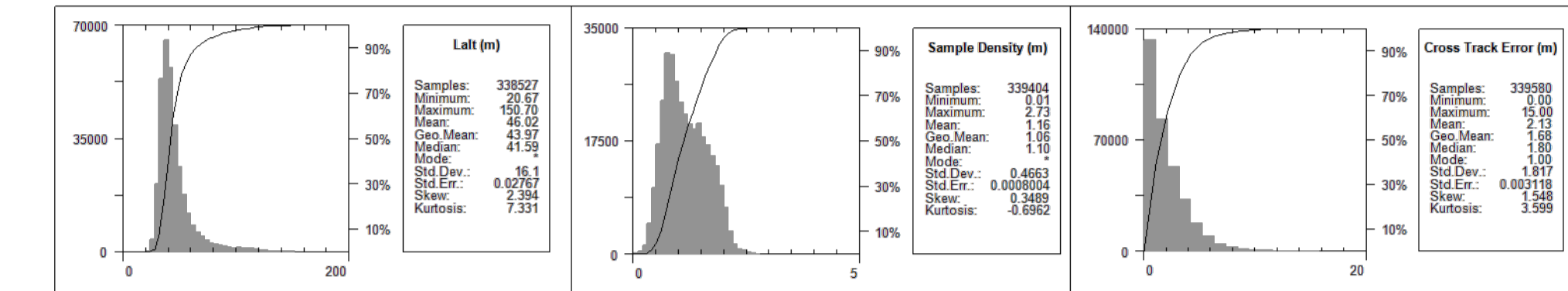
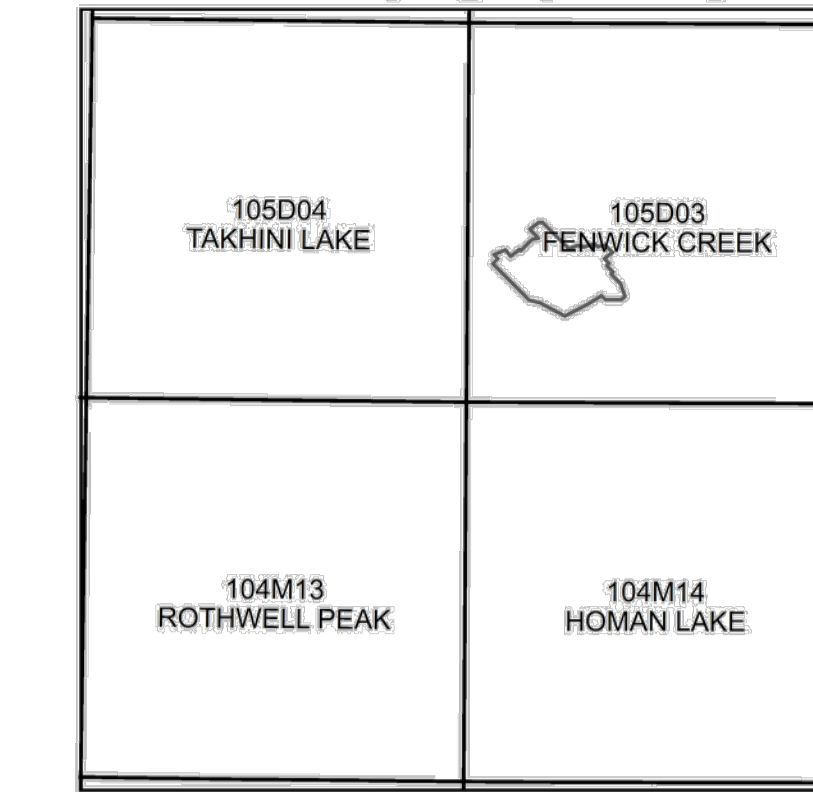


National Topographic System

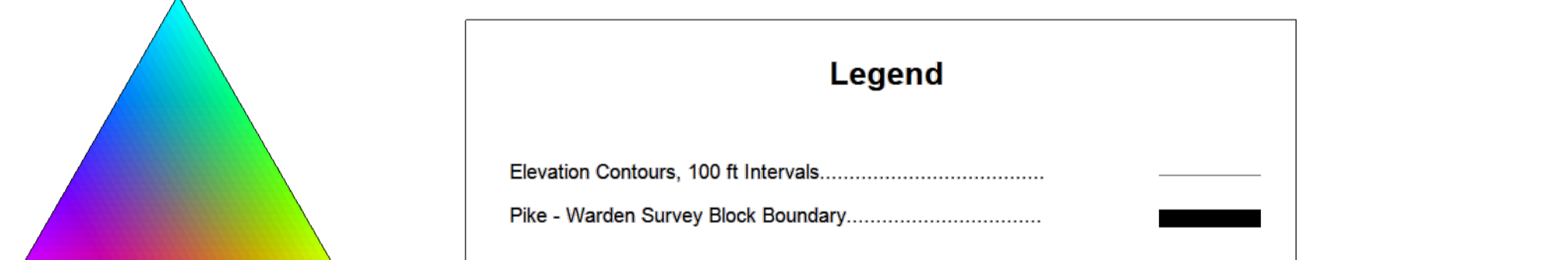


MAP PROJECTION
 Projection: Universal Transverse Mercator Zone 8N
 Datum: WGS 84
 Local Datum Transform: World

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°

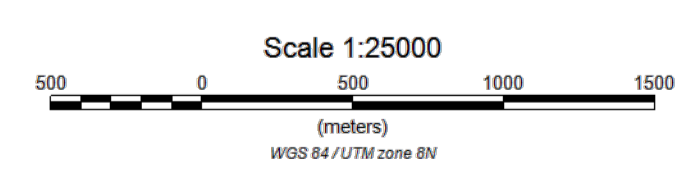
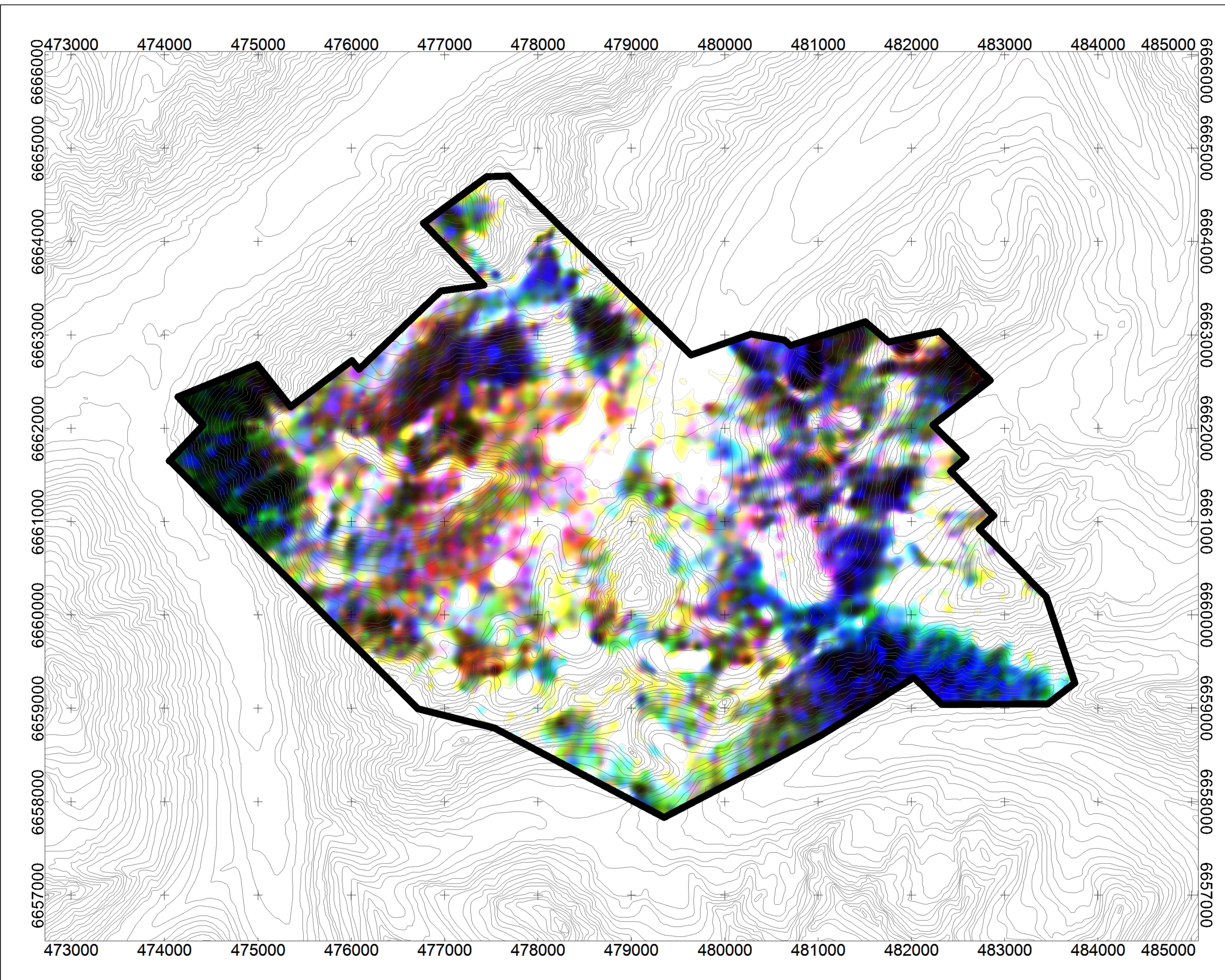
AIRBORNE SURVEY SYSTEM
 Magnetometer Sensors: 2 x Scintrex CS-3 Cesium
 1 x Geometrics G-822A Cesium
 Configuration: Triple gradient boom with 3 axis compensation
 Sample Rate: 20 Hz
 Sensitivity: 0.0006 nT /Hz rms
 VLF-EM Receiver: Herz Totem-2A
 Sample Rate: 20 Hz
 Transmitter Stations: NML – LaMoire, ND 25.2 kHz
 NLK – Seattle, WA 24.8 kHz

Gamma Ray Spectrometer:
 Downward-Looking Crystals: Pico Envirotec AGRS-5
 Upward-Looking Crystal: 16.8 litres of NaI(Tl)
 4.2 litres of NaI(Tl)
 Sample Rate: 1 Hz (Resampled to 20 Hz)



DATA REFERENCE
 Radiometric data have been corrected for effective height, lag, aircraft, cosmic, radon, stripping ratios, and attenuations, and then converted to apparent radioelement concentrations. Radiometric data are represented as a grid and drawn with a histogram-equalized colour shade; sun illumination inclination at 0° and declination at 00°.

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>



Pike-Warden Survey Block

Radiometric Map
 Ternary Image

