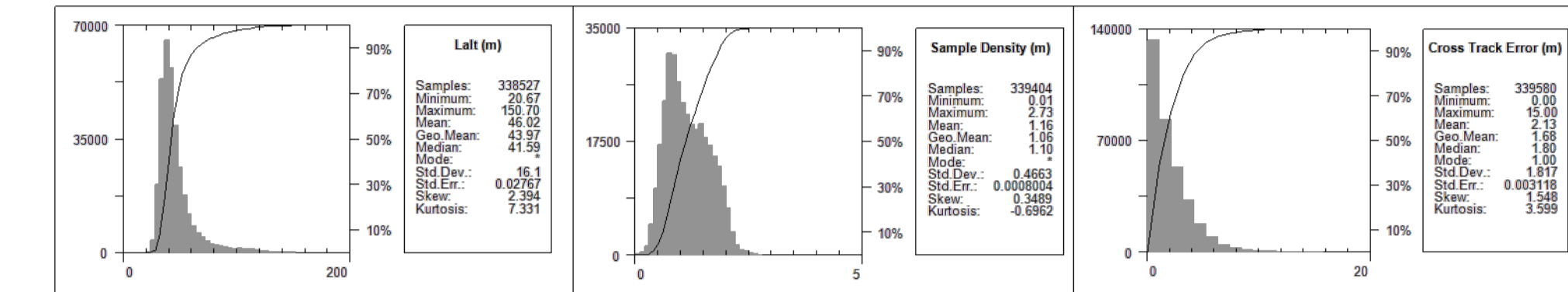
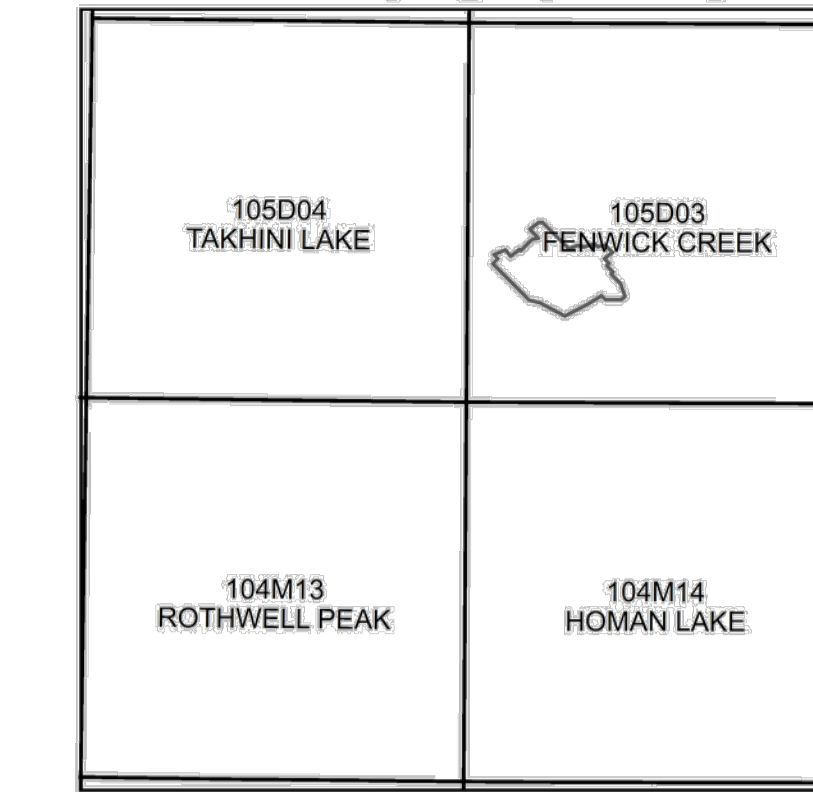


National Topographic System



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

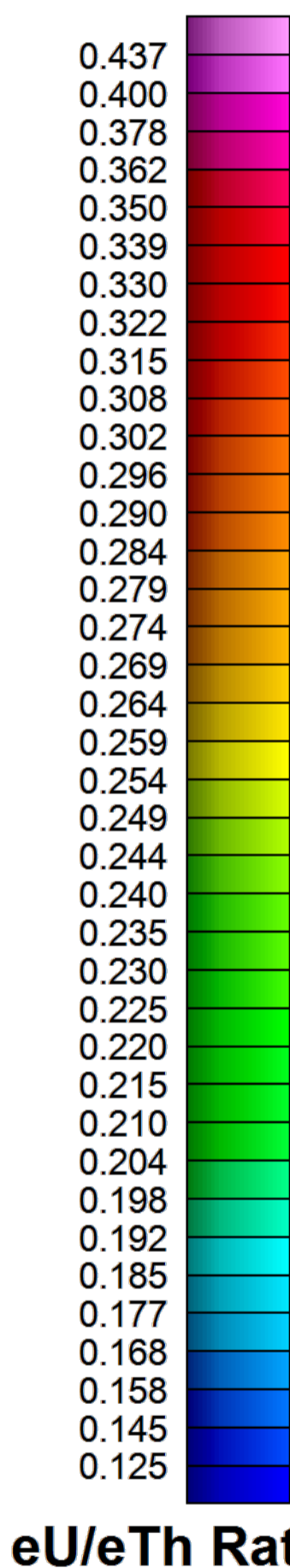
Magnetometer Sensors:	2 x Scintrex CS-3 Cesium 1 x Geometrics G-822A Cesium
Configuration:	Triple gradient boom with 3 axis compensation
Sample Rate:	20 Hz
Sensitivity:	0.0006 nT $\sqrt{\text{Hz}}$ rms
VLF-EM Receiver:	Herz Totem-2A
Sample Rate:	20 Hz
Transmitter Stations:	NML - LaMoire, ND 25.2 kHz NLK - Seattle, WA 24.8 kHz
Gamma Ray Spectrometer:	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)

Legend

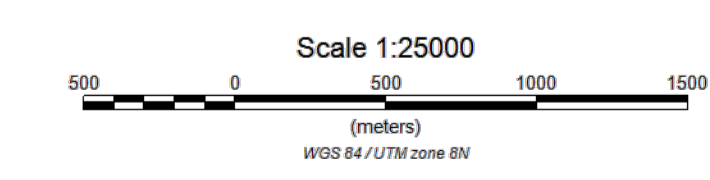
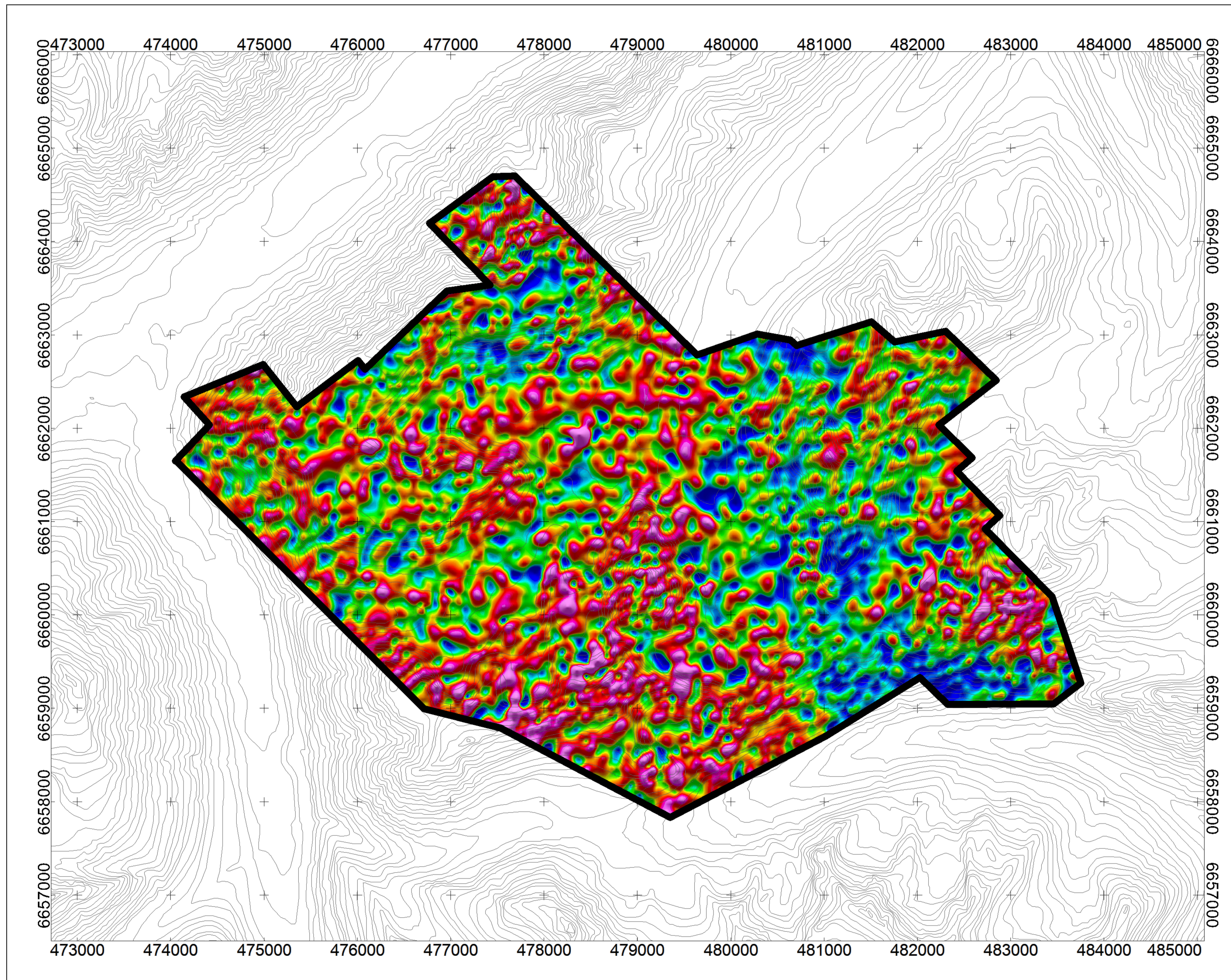
- Elevation Contours, 100 ft Intervals.....
- Pike - Warden Survey Block Boundary.....

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_bnd/tv/2007>



eU/eTh Ratio



Pike-Warden Survey Block

Radiometric Map
 Uranium over Thorium Ratio

