

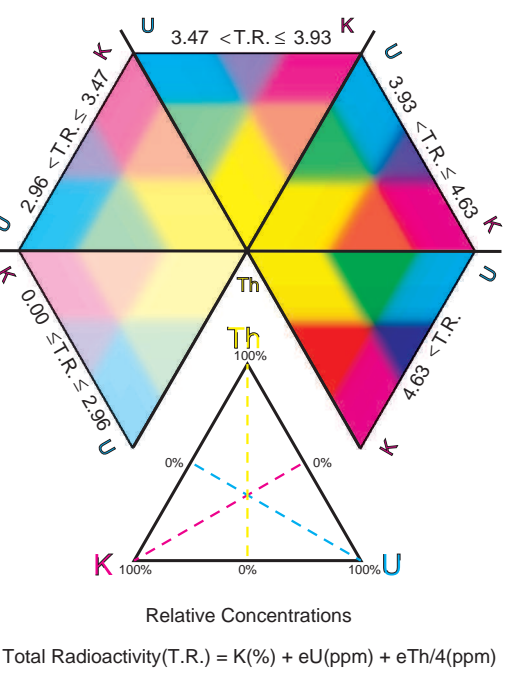
Magnetic Gradient and Radiometric Survey

Search Project Phase II

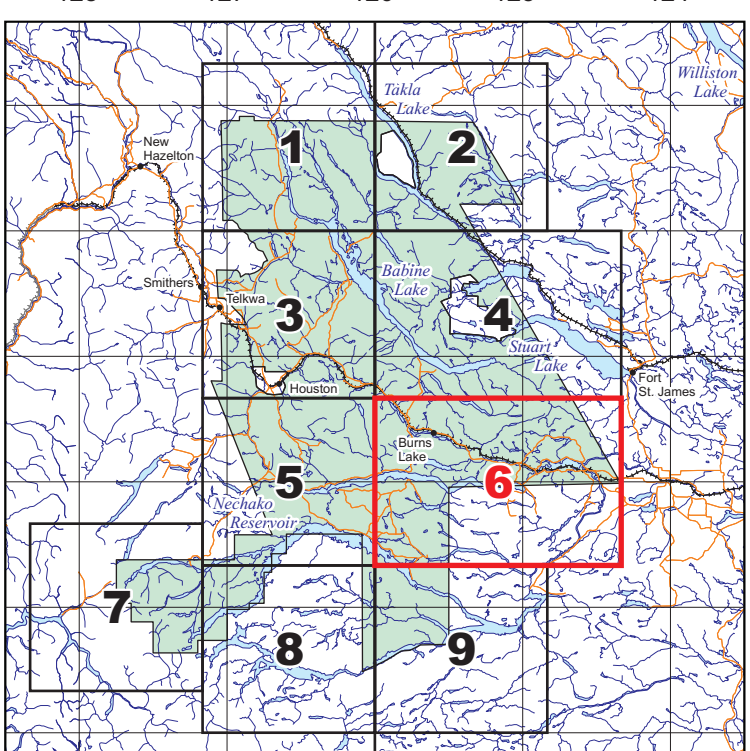
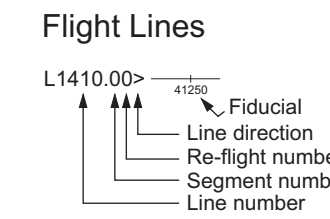
British Columbia - 2016

Geoscience BC Map 2017-03-36

RADIOMETRIC TERNARY



- Legend**
- Hydrography / Wetlands
 - Permanent snow
 - Elevation contour
 - Roads
 - Trails
 - Railway
 - Pipelines
 - Power transmission line
 - Built-up area / Settlement
 - Airfield
 - Mine



Survey and Processing Specifications

| | |
|-------------------------------------|---|
| Traverse Line Spacing | 250 m |
| Traverse Line Direction | along bearing 90° - 270° |
| Control Line Spacing | 2000 m |
| Control Line Direction | along bearing 0° - 180° |
| Altitude | 80 m above terrain (AGSL) |
| Flying Speed | 120 knots |
| Magnetometer Sensor | Geometrics G-822, cesium split beam |
| Magnetometer Sensitivity | 0.01 nT |
| Magnetometer Sample Rate | 10 Hz |
| Spectrometer | Exploranium GR-820 |
| Spectrometer Crystal Volume | 80.4 litres downward, 8.4 litres upward |
| GPS Receiver | Trimble 72 channel Novatel OEM73 |
| Aircraft | Cessna Grand Caravan 200B (3) C-440, C-441, and C-442 |
| Magnetic Inclination at 54°N, 126°W | 73.55° |
| Magnetic Declination at 54°N, 126°W | 35.34° |
| Total Magnetic Field | 55980.0 nT |
| GPS Ground Station 1 (WGS-84) | 54°14'21.6188"N, 126°46'24.0776"W, 55980.0 m |
| GPS Ground Station 2 (WGS-84) | 54°15'03.3687"N, 126°43'07.8811"W, 749.873 m |
| GPS Ground Station 3 (WGS-84) | 54°49'13.1488"N, 127°11'17.2351"W, 513.510 m |
| Magnetic Ground Station 1 (WGS-84) | 54°14'21.6188"N, 126°46'24.0776"W, 55980.0 m |
| Magnetic Ground Station 2 (WGS-84) | 54°15'03.3687"N, 126°43'07.8811"W, 749.873 m |
| Magnetic Ground Station 3 (WGS-84) | 54°49'13.1488"N, 127°11'17.2351"W, 513.510 m |
| Data Flown | July 7 - October 11, 2016 |
| Grid Cell Size | 50 m |
| CRP Model | 2015 |
| Date | 2016 |
| Projection | UTM 9N UTM 10N |

Scale 1 : 100 000