GEOTECH
AIRBORNE GEOPHYSICAL SURVEYS

SURVEY SPECIFICATIONS:

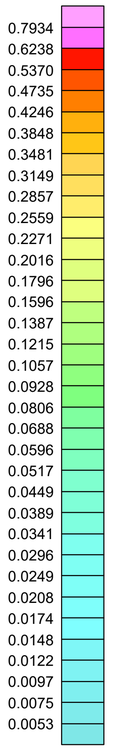
- **Survey Date: September 8th to September 14th, 2021**
- **Survey Base: Fireweed Camp Mac Pass, Yukon**
- **Aircraft: Aerospatiale A-Star 350 B3 (C-FKOI)**
- **Survey Line Spacing: 200 Meters**
- **Survey Line Direction: N 63° E / N 243° E**
- **Tie Line Spacing: 2000 Meters**
- **Tie Line Direction: N 333° E / N 153° E**
- **Mean Terrain Clearance: 159 Meters**
- **EM Transmitter Loop: Mean terrain clearance of 122 meters**
- **Magnetic Sensor: Mean terrain clearance of 146 meters**

INSTRUMENTS

- **Geotech Time Domain Electromagnetic System (VTEM)**
- **Concentric Rx/Tx Geometry**
- **Z-Coil Diameter 1.2m**
- **Transmitter Loop: Diameter 17.6 Meters**
- **Dipole Moment: 296,126 nIA**
- **Transmitter Wave Form: Trapezoid, Pulse Width 3.55 ms, Base Frequency 30 Hz**
- **Geometrics High Sensitivity Caesium Magnetometers**
- **Mag Resolution: 0.02 nT at 10 samples/sec**

MAP PROJECTION

- **Datum: WGS84**
- **Projection: Universal Transverse Mercator**
- **Central Meridian: 129°W (Zone 9N)**
- **Central Scale Factor: 0.9996**
- **False Easting/Northing: 500,000m/0m**
- **Major Axis: 6378137.000**
- **Inverse Flattening: 298.25722**



B-Field 2.021 ms
(pV*ms)/(A*m^4)

TOPOGRAPHIC LEGEND:

- Roads
- Streams / Rivers
- Contours
- Lakes / Ponds

Scale 1:25000
250 0 250 500 750 1000 1250
(meters)
WGS 84 / UTM zone 9N

The topographic data base was derived from 1:250,000 CANVEC data
Background shading is derived from ASTER GDEM (https://gdex.cr.usgs.gov/gdex/)
Inset data derived from Geocommunities (www.geocomm.com)

Snowline Gold Corp
Ursa Project
Forks Airstrip, Yukon

Geotech VTEM System

VTEM B-Field Z Component
Channel 36, Time Gate 2.021 ms

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