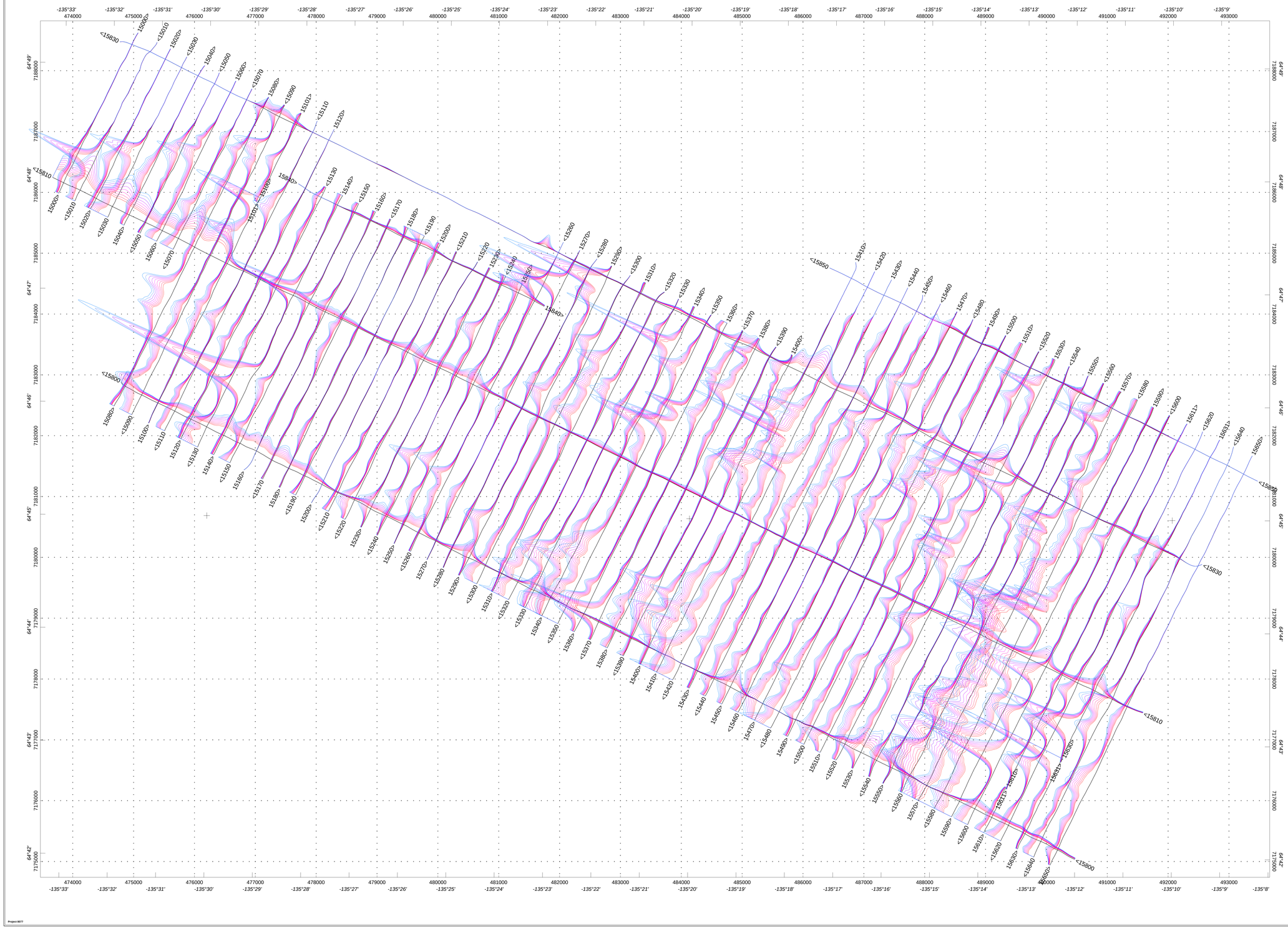

Survey Specifications:

- Aster B3 helicopter
- Flight Line Spacing: 100 metres
- Nominal terrain clearance 75 metres
- EM Loop is 42 metres under helicopter
- Magnetic sensor is 15 metres under helicopter

Instruments:

- Geotech Time Domain Electromagnetic System (VTEM) with concentric Rx/Tx geometry,
- Transmitter Loop Diameter 26 m, Base Frequency 30 Hz
- Peak Current 180 Amps
- Transmitter Wave Form: Trapezoid, Pulse Width 7.5 ms
- Geometrics Optically-pumped,
- High Sensitivity Cesium Magnetometer
- Mag Resolution 0.02 nT at 10 samples/sec

PRELIMINARY

- 0.120 ms, 1mm = 1 pV/A/m^4
- 0.141 ms, 1mm = 1 pV/A/m^4
- 0.167 ms, 1mm = 1 pV/A/m^4
- 0.198 ms, 1mm = 1 pV/A/m^4
- 0.234 ms, 1mm = 1 pV/A/m^4
- 0.281 ms, 1mm = 1 pV/A/m^4
- 0.339 ms, 1mm = 1 pV/A/m^4
- 0.406 ms, 1mm = 1 pV/A/m^4
- 0.484 ms, 1mm = 1 pV/A/m^4

Scale 1:20000

250 0 250 500 750 1000

UNIVERSITY
WGS 84 / UTM zone 8N

Archer Cathro & Associates Ltd.
Nick Block
Yukon, Canada

Geotech VTEM System
Electromagnetic Profiles
Time Gates 0.120 - 0.484 ms

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