

Square: Grid North  
 Star: True North  
 Arrow: Magnetic North

Angles presented are approximate mean  
 divisions for centre of NTS sheet.  
 Use diagram for reference only.

Grid North - True North : 1.59°  
 Grid North - Magnetic North : 30.35°  
 Annual change decreasing 4.1'

### TOTAL MAGNETIC INTENSITY

Total magnetic intensity contour data, measured  
 by a cesium high sensitivity magnetometer  
 at an average sensor elevation of 45m,  
 and corrected for diurnal variation.

Map contours are in nanoTeslas,  
 and are multiples of those listed below:

- 2 nT
- 10 nT
- 50 nT
- 250 nT
- 1000 nT

### FLIGHT PATH

Navigation and flight path recovery was conducted  
 using a Global Positioning System (GPS)  
 satellite navigation system.

Lines were flown at an azimuth of 30 - 210°,  
 with an average line spacing of 200m.

Average helicopter-terrain clearance of 60m  
 was monitored by radar and barometric altimeters.

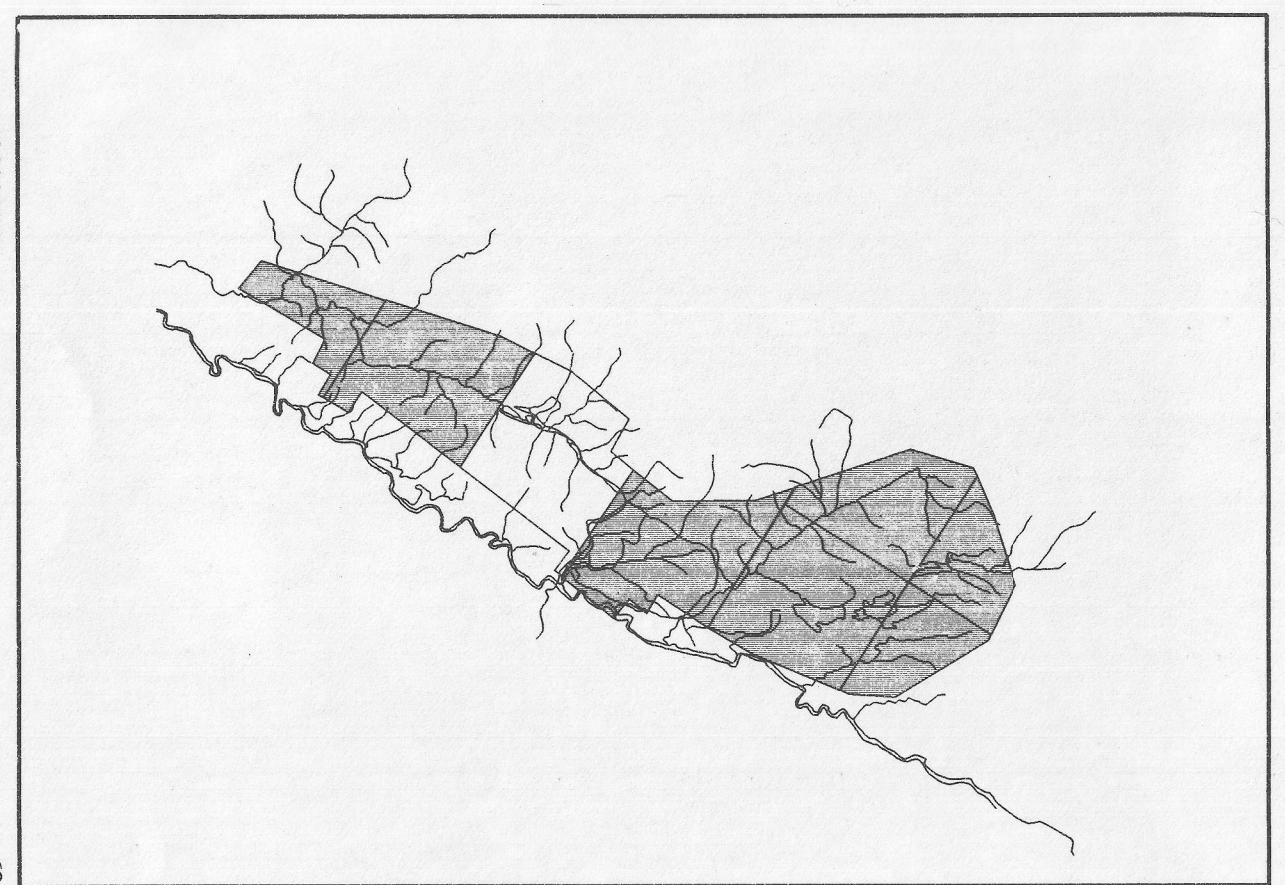
### EM ANOMALIES

EM anomalies selected by computer algorithm  
 and manually confirmed. Selection is based  
 on the response correlation to theoretical  
 sources such as a steeply dipping conductor.

Calculation of conductance is based on the  
 response of the 4600 Hz coaxial data, and  
 forms the basis for anomaly classification.

Letter codes are used to identify individual  
 anomalies on a line, and the inphase amplitude  
 of the 4600 Hz response is annotated opposite.

- 0 - 1 mhos
- 1 - 2 mhos
- 2 - 4 mhos
- 4 - 8 mhos
- 8 - 16 mhos
- 16 - 32 mhos
- > 32 mhos

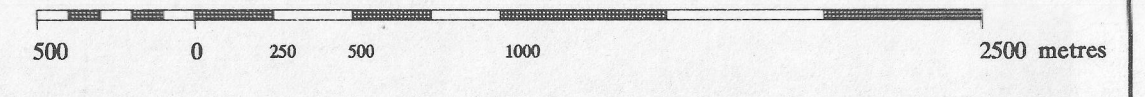


ANVIL RANGE MINING CORPORATION

### TOTAL MAGNETIC INTENSITY

FARO, E6  
 YUKON

SCALE 1:24 000



Date Flown : JUNE - JULY 1996  
 NTS : 105/K/3,5,6  
 Project : J9650 Map Ref : 1 - 3