

**TECHNICAL SUMMARY**

Navigation: Serfet real time differential GPS positioning  
 Date reduction grid interval: 50 metres  
 Terrain clearance: Helicopter 60 m  
 Data sampling interval: 0.1 second  
 Magnetometer / sensitivity: Scintrex cesium / 0.01 nT  
 VLF receiver / sensitivity: Herz 2A / 1%  
 Electromagnetic system: DICHEM

Frequency	Sensitivity	Coil Orientation
900 Hz	0.1 ppm	Vertical coplanar
5500 Hz	0.2 ppm	Vertical coplanar
900 Hz	0.1 ppm	Horizontal coplanar
7200 Hz	0.2 ppm	Horizontal coplanar
56000 Hz	1.0 ppm	Horizontal coplanar

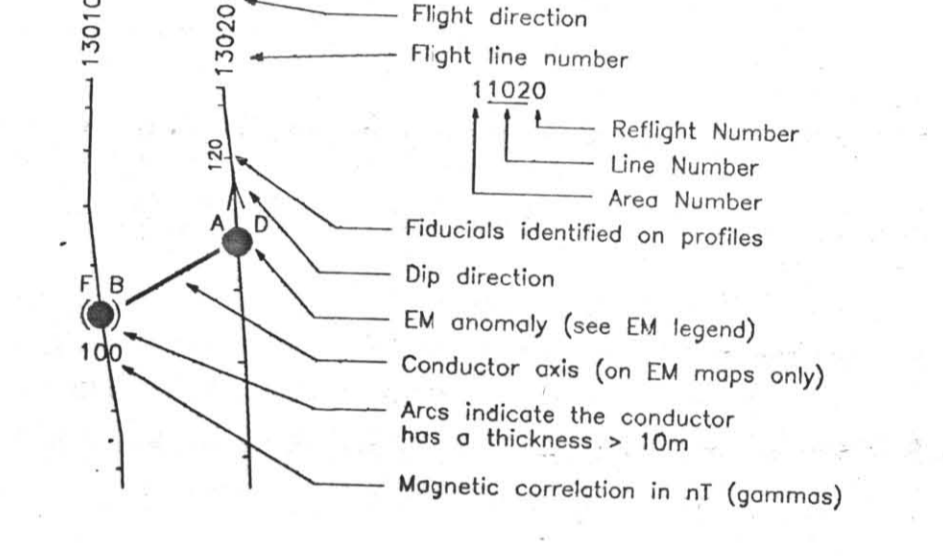


**ELECTROMAGNETIC ANOMALIES**

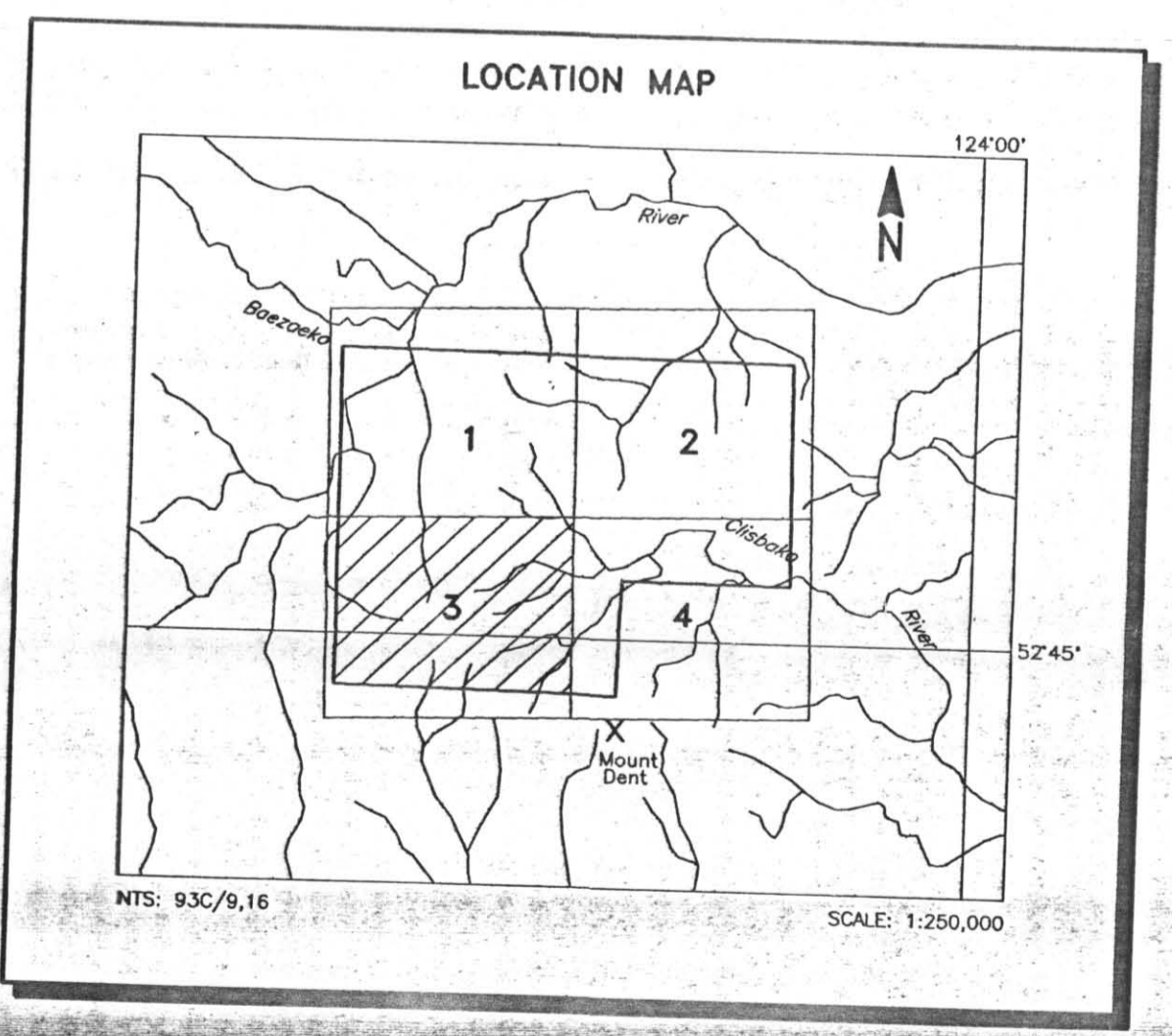
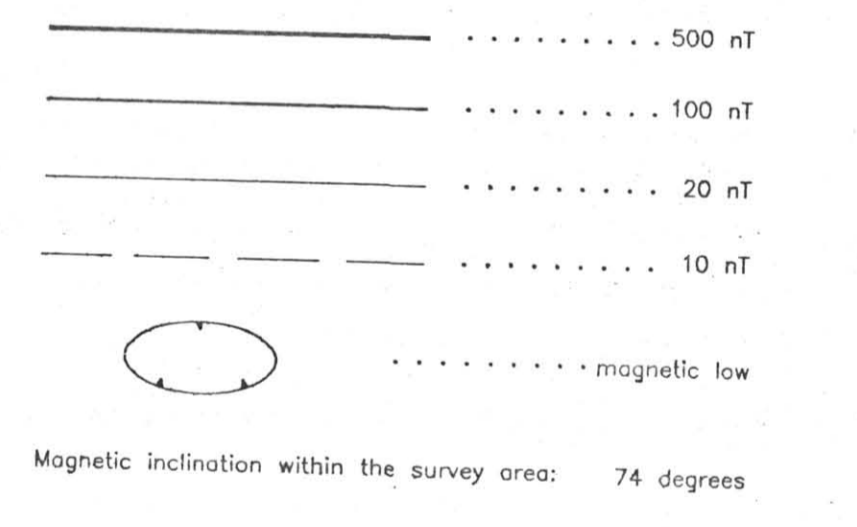
Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	<1 siemens
-	*	Questionable anomaly

Anomaly Identifier	Interpretive symbol	Conductor ("model")
B	—	Bedrock conductor
D	—	Narrow bedrock conductor ("thin die")
S	—	Conductive cover ("horizontal thin sheet")
H	—	Broad conductive rock unit, deep conductive weathering, thick conductive cover ("half space")
E	—	Edge of broad conductor ("edge of half space")
L	—	Galena +/− power line, metal building or fence

**FLIGHT LINES WITH EM ANOMALIES**



**TOTAL FIELD MAGNETIC CONTOURS**



**PHELPS DODGE CORPORATION OF CANADA LIMITED**  
 MT. DENT AREA, B.C.

**TOTAL FIELD MAGNETICS**

DICHEM SURVEY: NTS: 93C/9,16      GEOPHYSICIST: *[Signature]*  
 DATE: NOVEMBER 1993      JOB: 1157      SHEET: 3  
 DIGHEM SURVEYS & PROCESSING INC.

