

TECHNICAL SUMMARY

Navigation: Serial real time differential GPS positioning
 Data reduction grid interval: 50 metres
 Terrain clearance: Helicopter 60 m
 Electromagnetic sensor 30 m
 Magnetometer: VLF receiver 40 m
 Data sampling interval: 0.1 second
 Magnetometer: Schlöter cesium / 0.01 nT
 VLF receiver: Schlöter cesium / 0.01 nT
 Electromagnetic system: Herz 2A / 1% DIGEM*



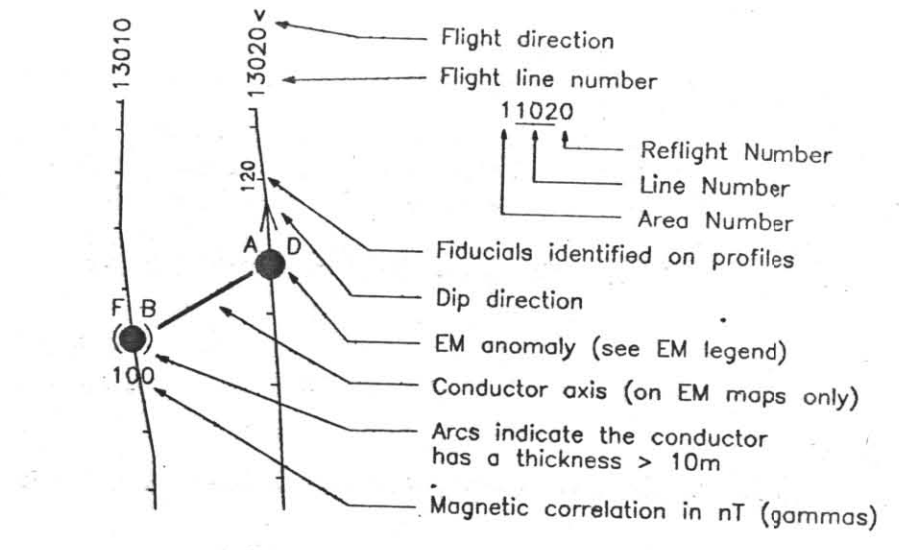
Frequency	Sensitivity	Coil Orientation
900 Hz	0.1 ppm	Vertical coaxial
5500 Hz	0.2 ppm	Vertical coaxial
900 Hz	0.1 ppm	Horizontal coplanar
7200 Hz	0.2 ppm	Horizontal coplanar
56000 Hz	1.0 ppm	Horizontal coplanar

ELECTROMAGNETIC ANOMALIES

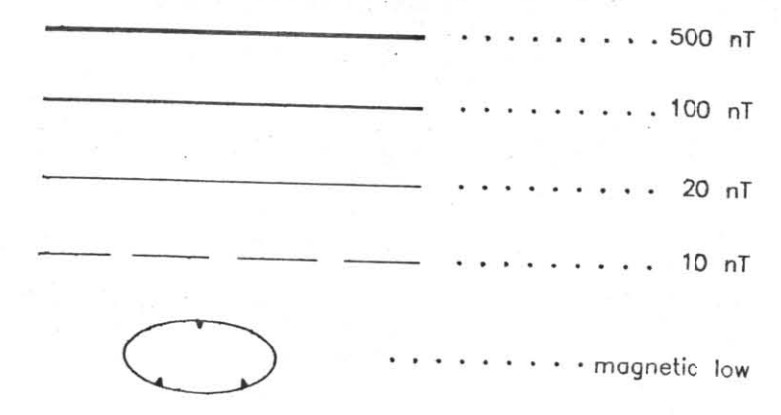
Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	<1 siemens
-	●	Questionable anomaly

Anomaly Identifier	Interpretive symbol	Conductor ("mode")
B	—	Bedrock conductor
D	—	Narrow bedrock conductor ("thin dike")
S	—	Conductive cover ("horizontal thin sheet")
H	—	Broad conductive rock unit, deep conductive weathering, thick conductive cover
E	—	Edge of broad conductor ("half space")
L	—	Edge of broad conductor ("edge of half space") Culture, e.g. power line, metal building or fence

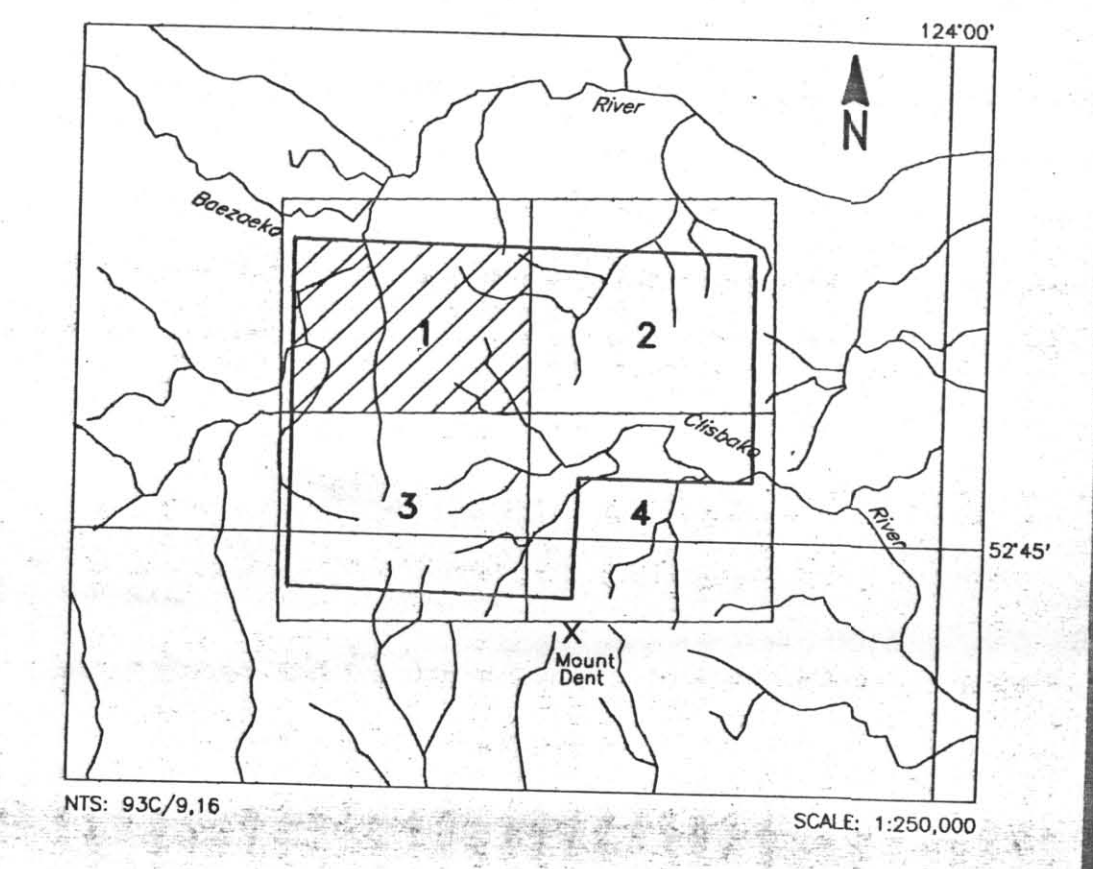
FLIGHT LINES WITH EM ANOMALIES



TOTAL FIELD MAGNETIC CONTOURS



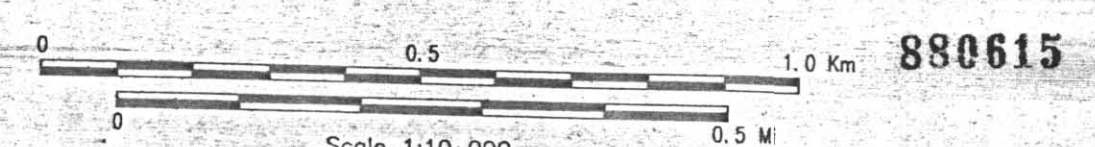
LOCATION MAP



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

TOTAL FIELD MAGNETICS

DIGEM SURVEY	NTS: 93C/9,16	GEOPHYSICIST: [Signature]
DATE: NOVEMBER 1993	JOB: 1157	SHEET: 1
DIGEM SURVEYS & PROCESSING INC.		



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