



TECHNICAL SUMMARY

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

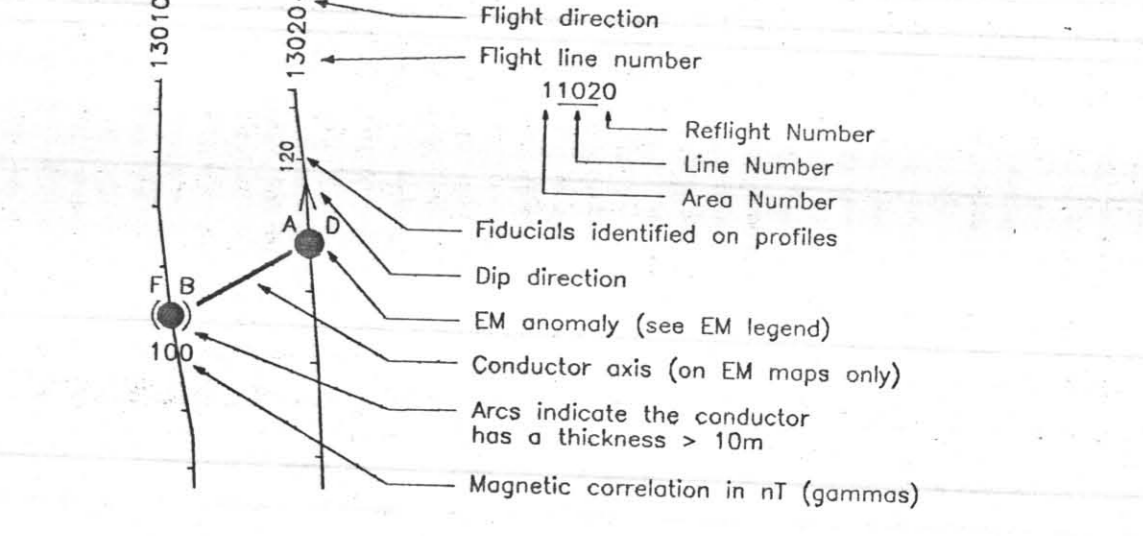
Frequency	Sensitivity	Coil Orientation
900 Hz	0.1 ppm	Vertical coaxial
5500 Hz	0.2 ppm	Vertical coaxial
900 Hz	0.1 ppm	Horizontal coplanar
200 Hz	0.2 ppm	Horizontal coplanar
900 Hz	0.2 ppm	Horizontal coplanar
5500 Hz	1.0 ppm	Horizontal coplanar

ELECTROMAGNETIC ANOMALIES

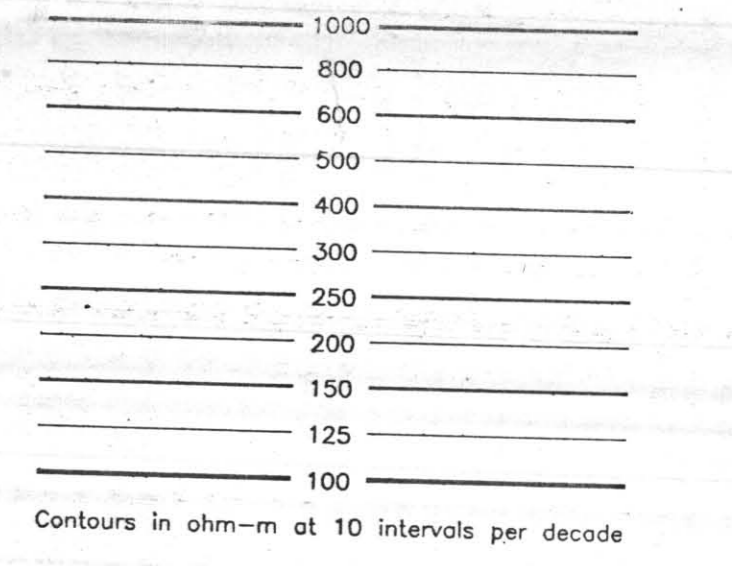
Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	< 1 siemens
-	*	Questionable anomaly

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

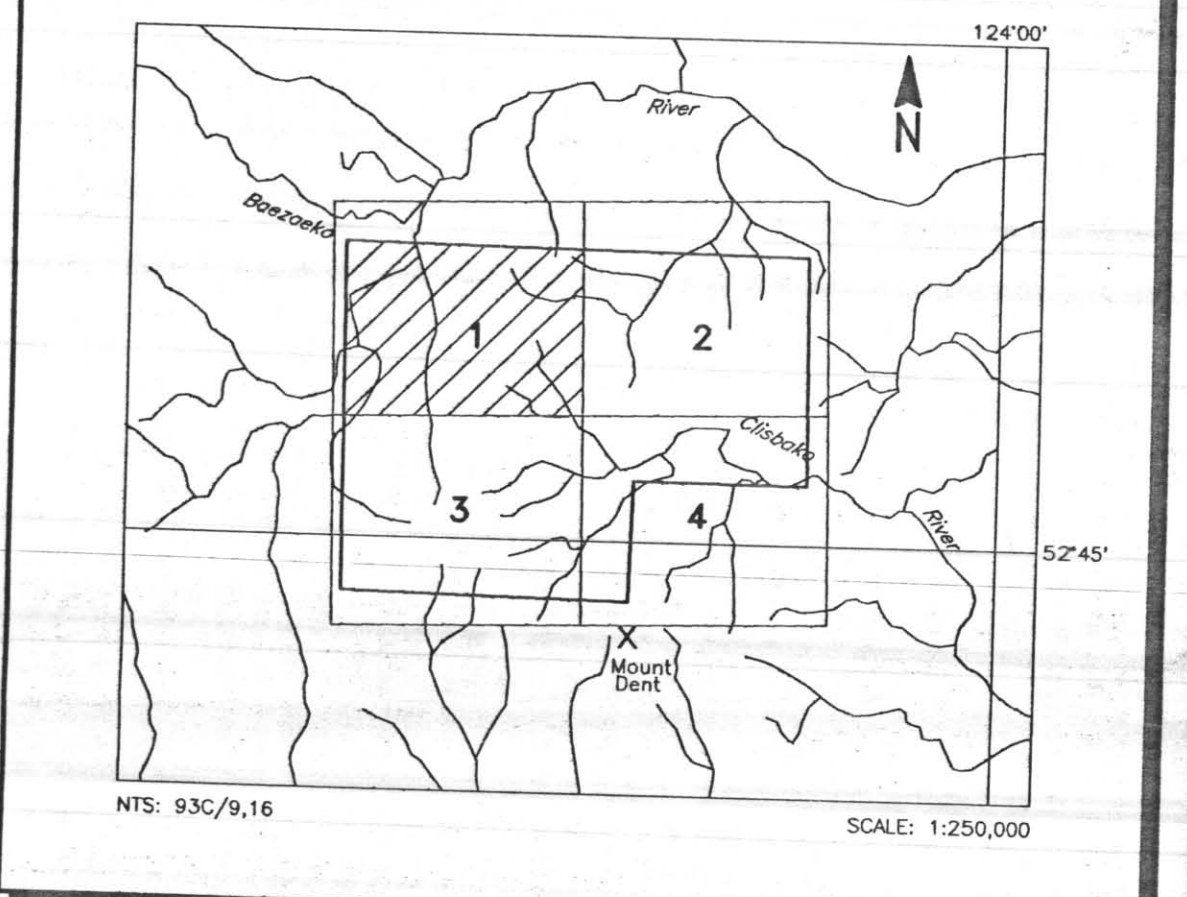
FLIGHT LINES WITH EM ANOMALIES



RESISTIVITY CONTOURS



LOCATION MAP



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

RESISTIVITY
7200 Hz COPLANAR

DIGHEM SURVEY: NTS: 93C/9.16 GEOPHYSICIST: [Signature]
 DATE: NOVEMBER 1993 JOB: 1157 SHEET: 1
 DIGHEM SURVEYS & PROCESSING INC.

