

TECHNICAL SUMMARY

Navigation Serfet real time differential GPS positioning;
 Data reduction grid interval 50 metres
 Terrain clearance Helicopter 60 m
 Electromagnetic sensor 30 m
 Magnetometer / sensitivity Scintrex cesium / 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
7200 Hz	0.2 ppm	Horizontal coplanar
55000 Hz	1.0 ppm	Horizontal coplanar

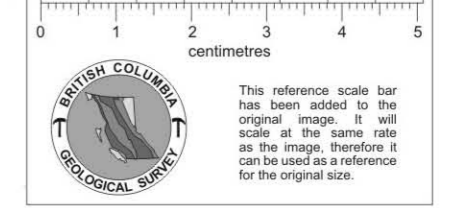
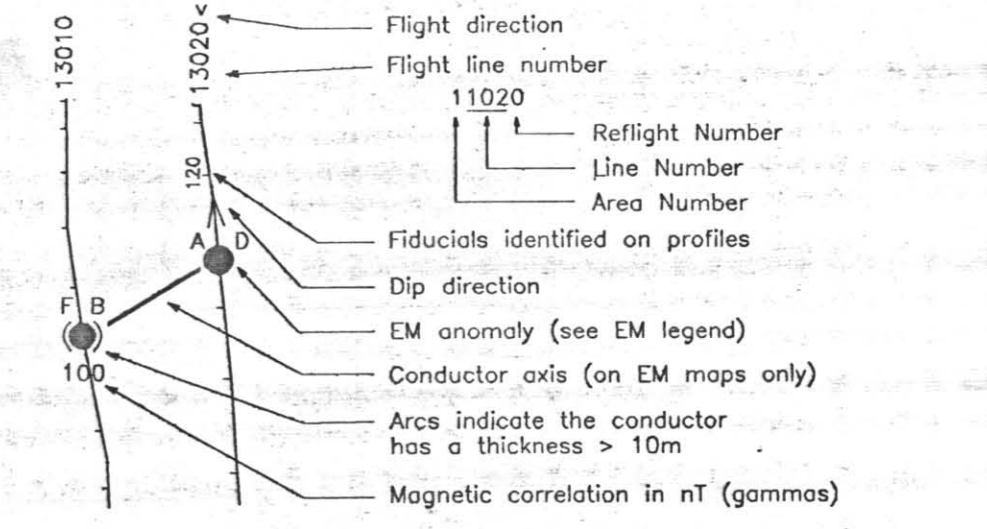


ELECTROMAGNETIC ANOMALIES

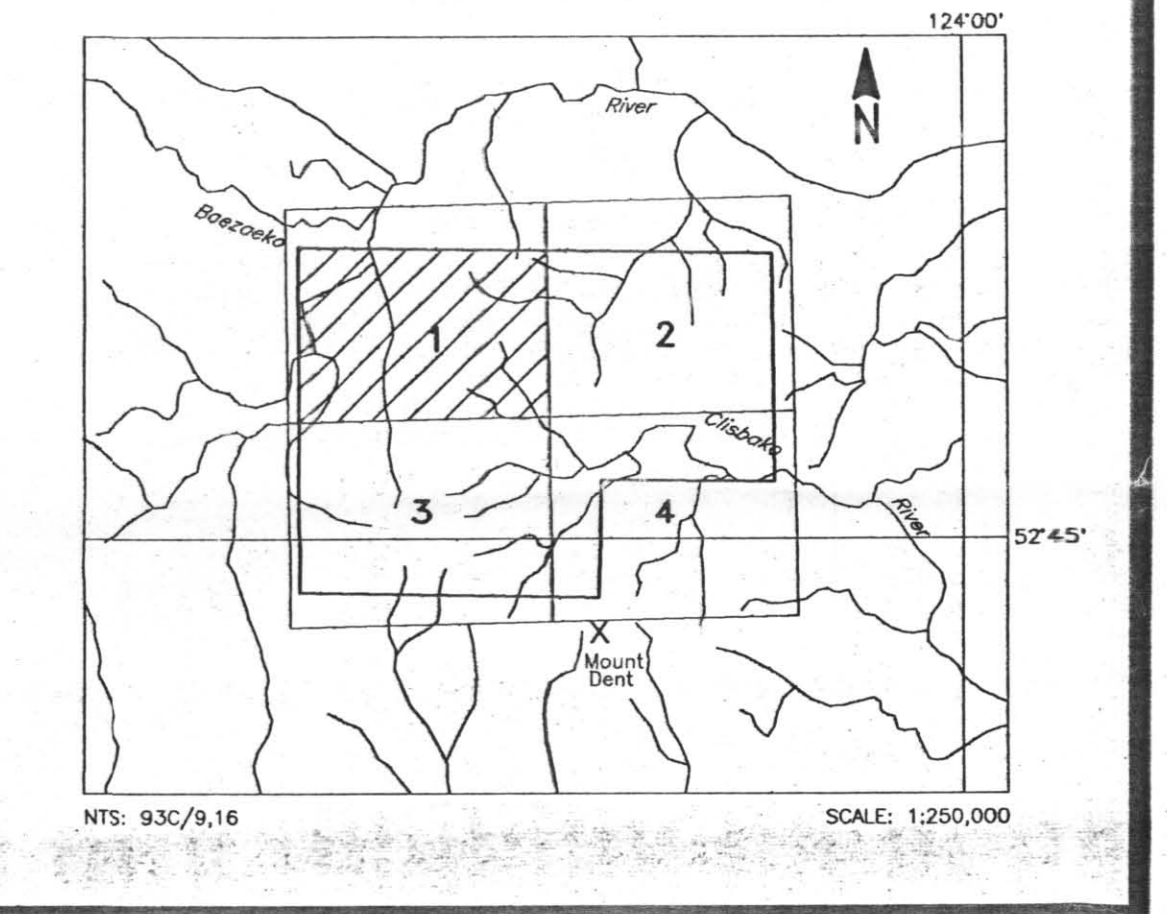
Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	○	5-10 siemens
2	○	1-5 siemens
1	○	< 1 siemens
-	*	Questionable anomaly

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 ("half 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



LOCATION MAP

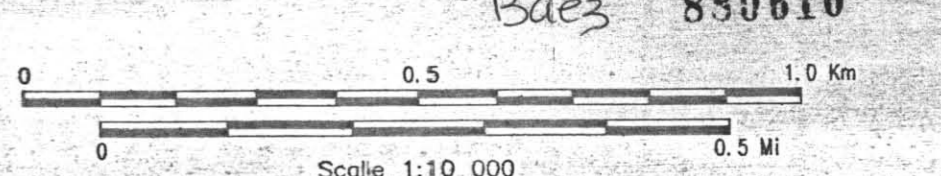


PHELPS DODGE CORPORATION OF CANADA LIMITED
MT. DENT AREA, B.C.

ELECTROMAGNETIC ANOMALIES

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

Baez 880610



DIGHEM