

**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 / sensitivity : : : : : Scintrex cesium / 0.01 nT  
 VLF receiver / sensitivity : : : : : Herz 2A / 1%  
 Electromagnetic system : : : : : DIGHEM\*

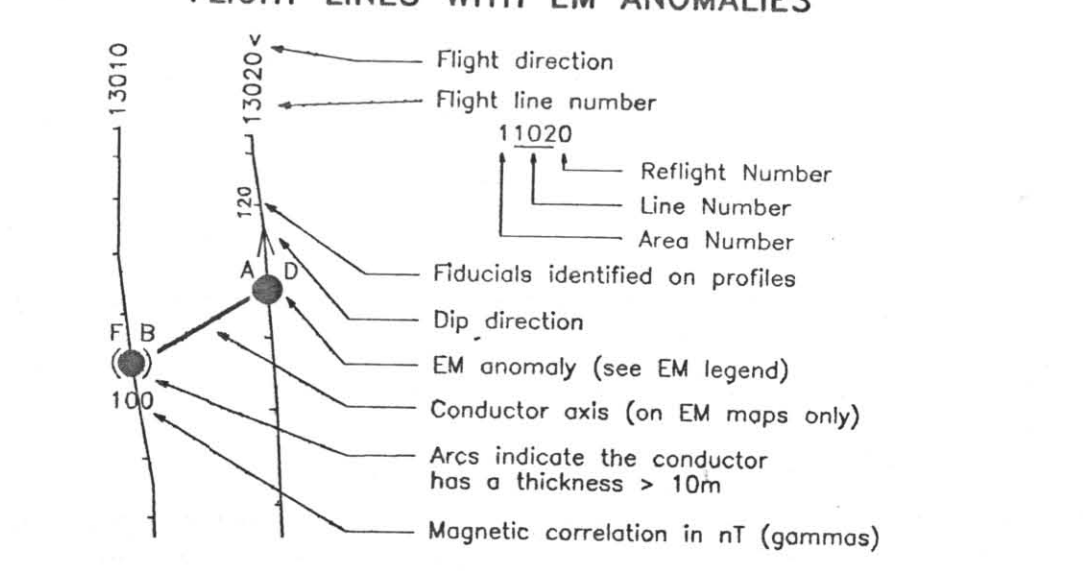
Frequency	Sensitivity	Coil Orientation
900 Hz	0.1 ppm	Vertical coplanar
5000 Hz	0.2 ppm	Vertical coplanar
8000 Hz	0.1 ppm	Horizontal coplanar
7200 Hz	0.2 ppm	Horizontal coplanar
55000 Hz	1.0 ppm	Horizontal coplanar

**ELECTROMAGNETIC ANOMALIES**

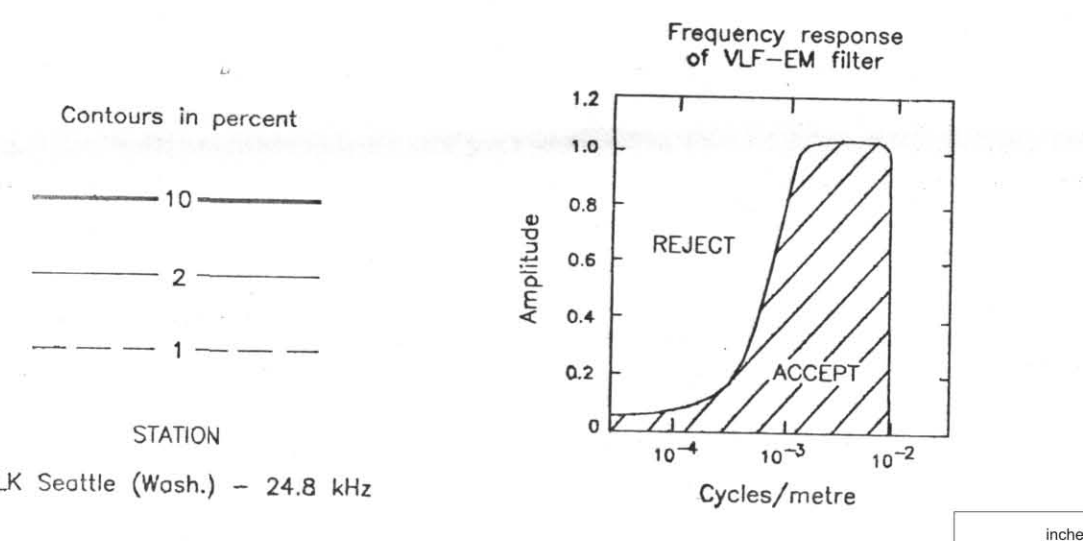
Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	<1 siemens
-	*	Questionable anomaly

Anomaly Identifier	Interpretive symbol	Interpretive symbol
—	—	Conductor ("model")
—	—	Bedrock conductor
—	—	Horizon bedrock conductor ("thin slice")
—	—	Conductive cover (Horizontal thin sheet)
—	—	Broad conductive rock unit, deep conductive weathering, thick conductive cover ("roof space")
—	—	Edge of broad conductor ("edge of roof space")
—	—	Culture, e.g. power line, metal building or fence

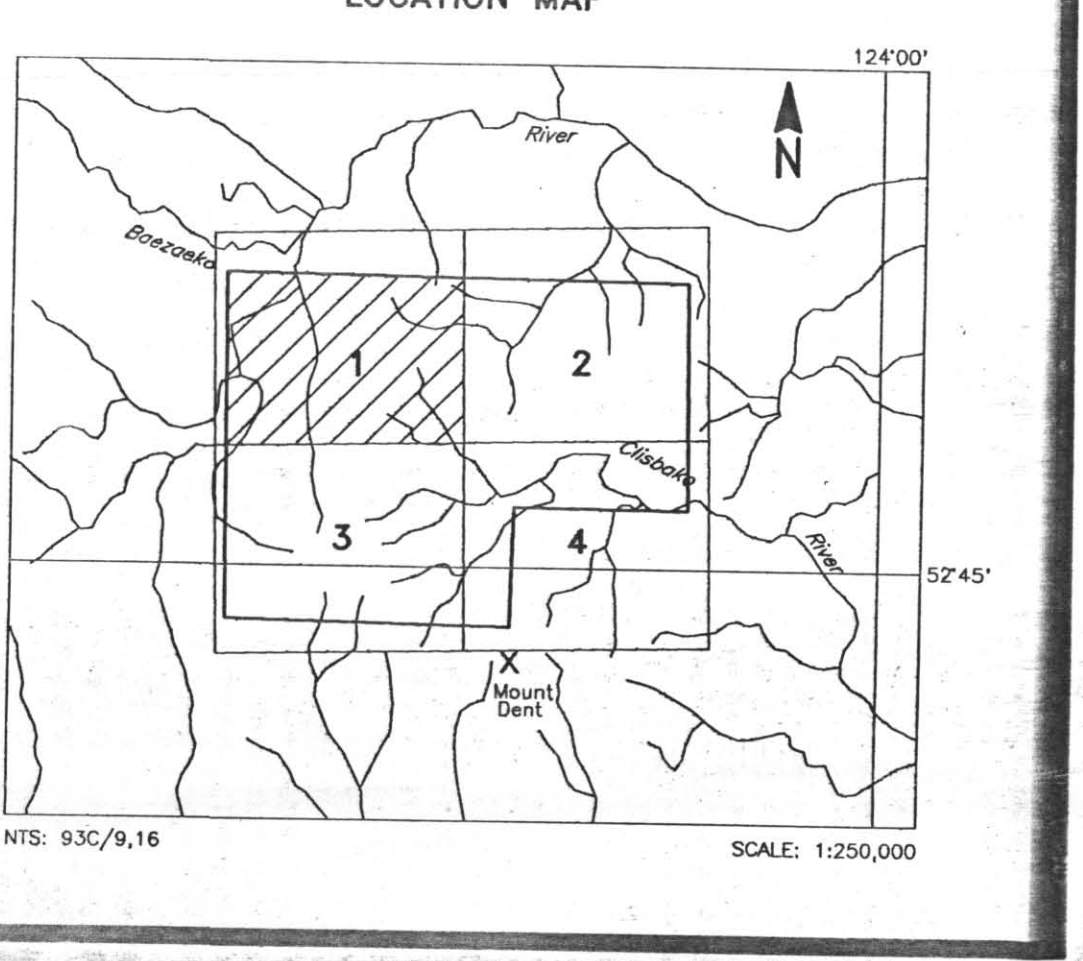
**FLIGHT LINES WITH EM ANOMALIES**



**VLF CONTOURS**



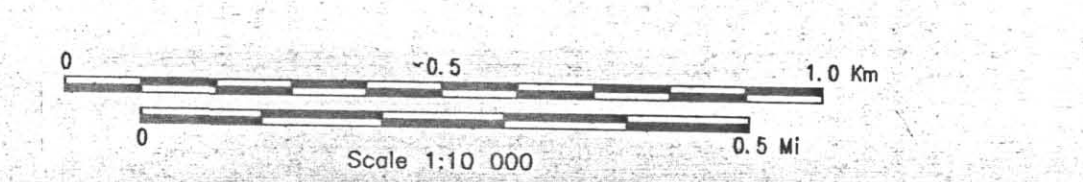
**LOCATION MAP**



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

**FILTERED VLF**

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



**DIGHEM**  
 Quality and Service in Airborne Geophysics