

**TECHNICAL SUMMARY**

Navigation: Serial real time differential GPS positioning  
 Data reduction grid interval: 30 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

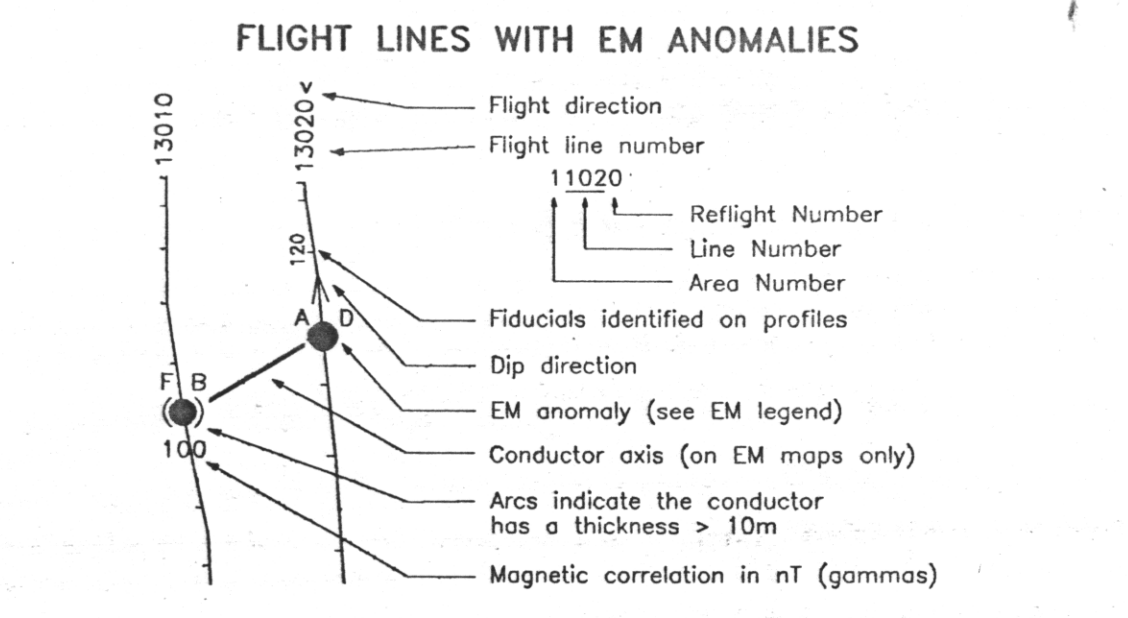


| Frequency | Sensitivity | Coil Orientation    |
|-----------|-------------|---------------------|
| 900 Hz    | 0.1 ppm     | Vertical coaxial    |
| 5500 Hz   | 0.2 ppm     | Vertical coaxial    |
| 900 Hz    | 0.1 ppm     | Horizontal coplanar |
| 7200 Hz   | 0.2 ppm     | Horizontal coplanar |
|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

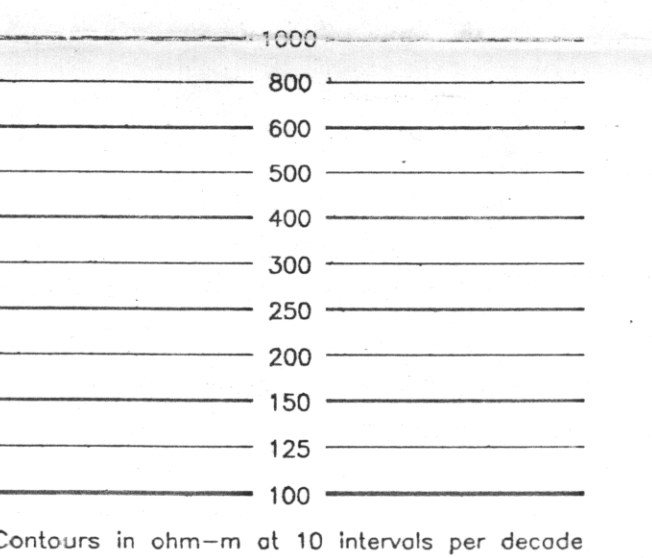
**ELECTROMAGNETIC ANOMALIES**

| 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 |

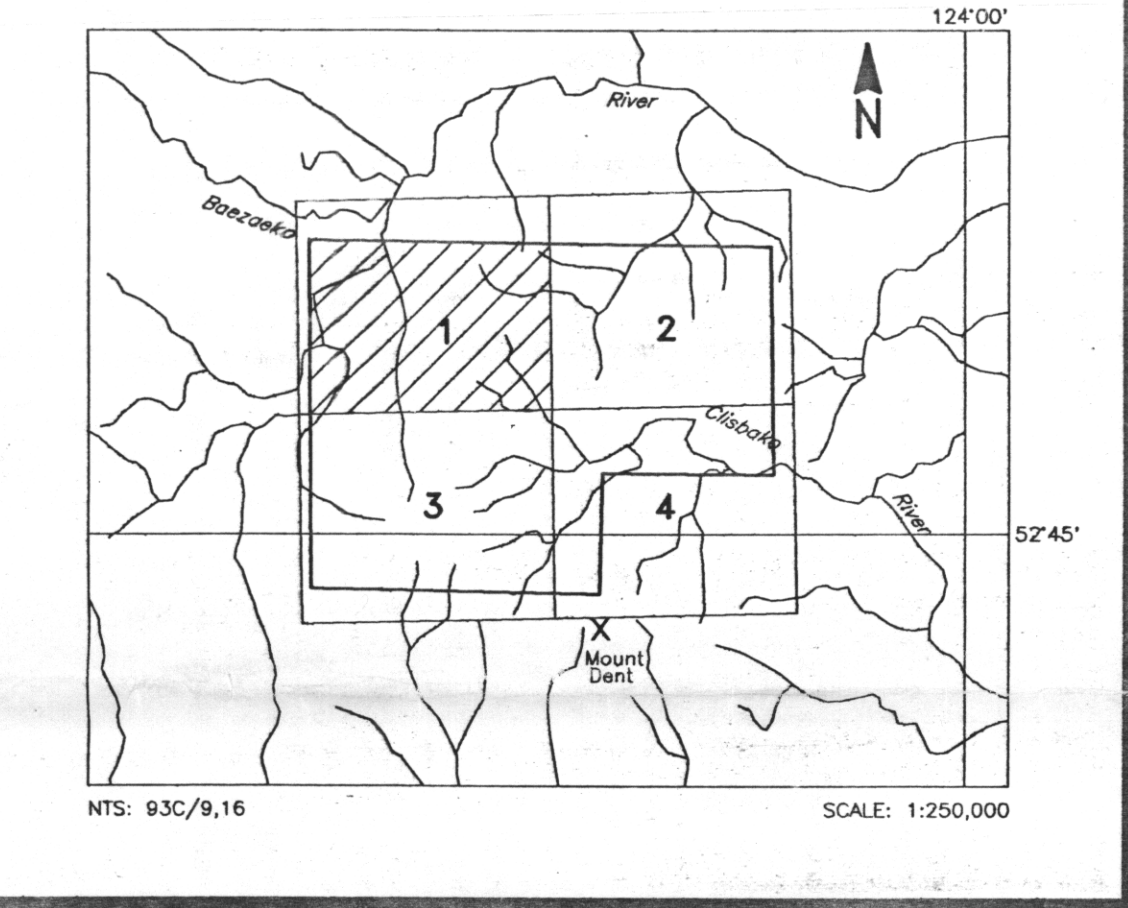
| Anomaly Identifier | Interpretive symbol | Conductor (model)   |
|--------------------|---------------------|---|
| ●                  | B                   | Bedrock conductor   |
| ○                  | D                   | Narrow bedrock conductor ("thin wire")  |
| ○                  | S      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



**RESISTIVITY CONTOURS**



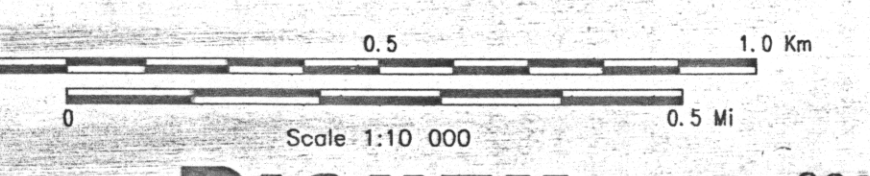
**LOCATION MAP**



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

**RESISTIVITY**  
**900 Hz COPLANAR**

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



**DIGHEM**  
 Quality and Service in Airborne Geophysics

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