

TECHNICAL SUMMARY

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

| Frequency | Sensitivity | Coil Orientation |
|-----------|-------------|---------------------|
| 900 Hz | 0.1 ppm | Vertical coaxial |
| 5000 Hz | 0.2 ppm | Vertical coaxial |
| 900 Hz | 0.1 ppm | Horizontal coplanar |
| 7200 Hz | 0.2 ppm | Horizontal coplanar |
| 50000 Hz | 1.0 ppm | Horizontal coplanar |

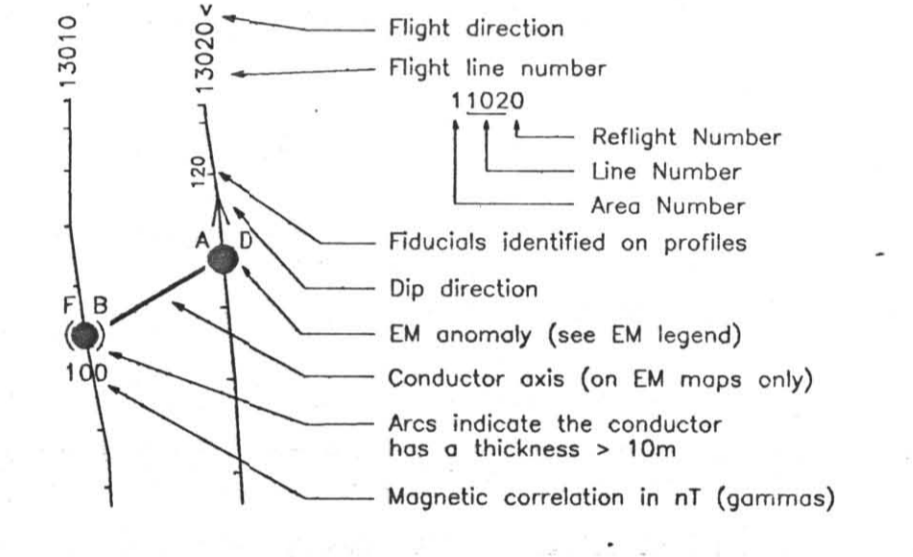


ELECTROMAGNETIC ANOMALIES

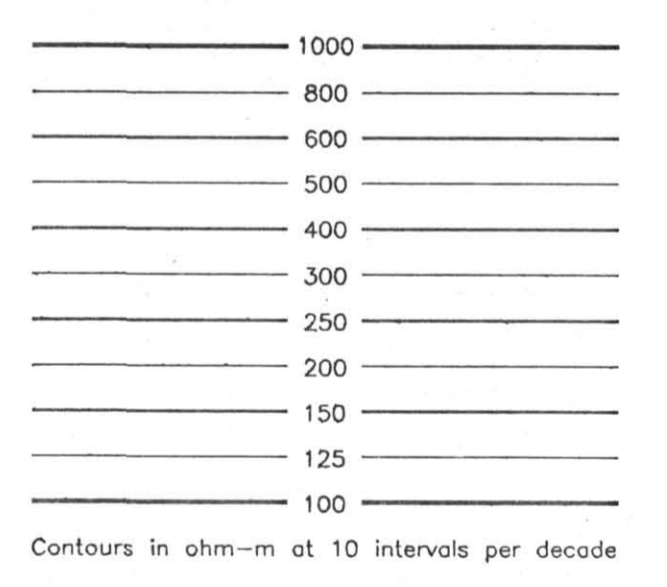
| Grade | Anomaly | Conductance |
|-------|---------|----------------------|
| 7 | ● | >100 siemens |
| 6 | ● | 50-100 siemens |
| 5 | ● | 20-50 siemens |
| 4 | ● | 10-20 siemens |
| 3 | ● | 5-10 siemens |
| 2 | ● | 1-5 siemens |
| 1 | ● | < 1 siemens |
| - | * | Questionable anomaly |

| Anomaly Identifier | Interpretive Symbol | Conductor (model) |
|--------------------|---------------------|---|
| B | — | Bedrock conductor |
| D | — | Narrow bedrock conductor (thin sheet) |
| 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 |

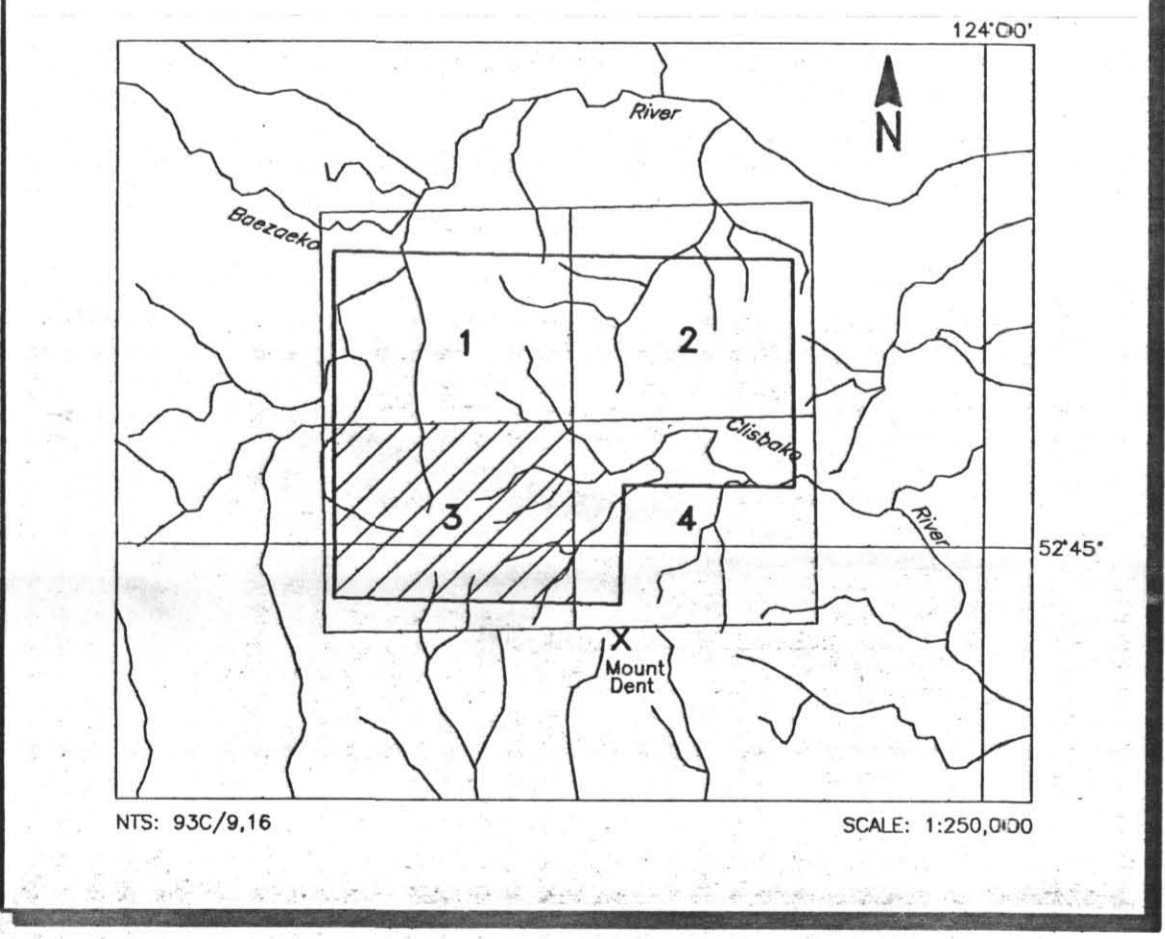
FLIGHT LINES WITH EM ANOMALIES



RESISTIVITY CONTOURS



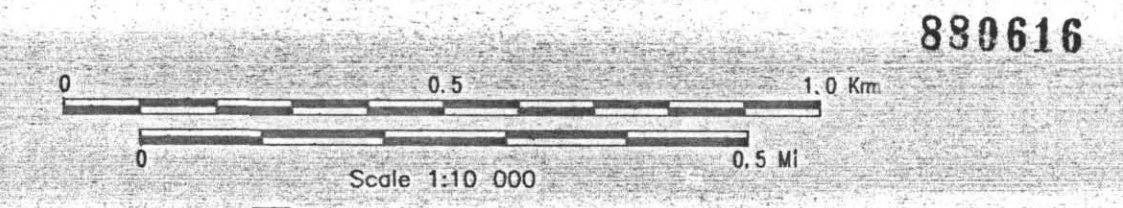
LOCATION MAP



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: 3
DIGHEM SURVEYS & PROCESSING INC.



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