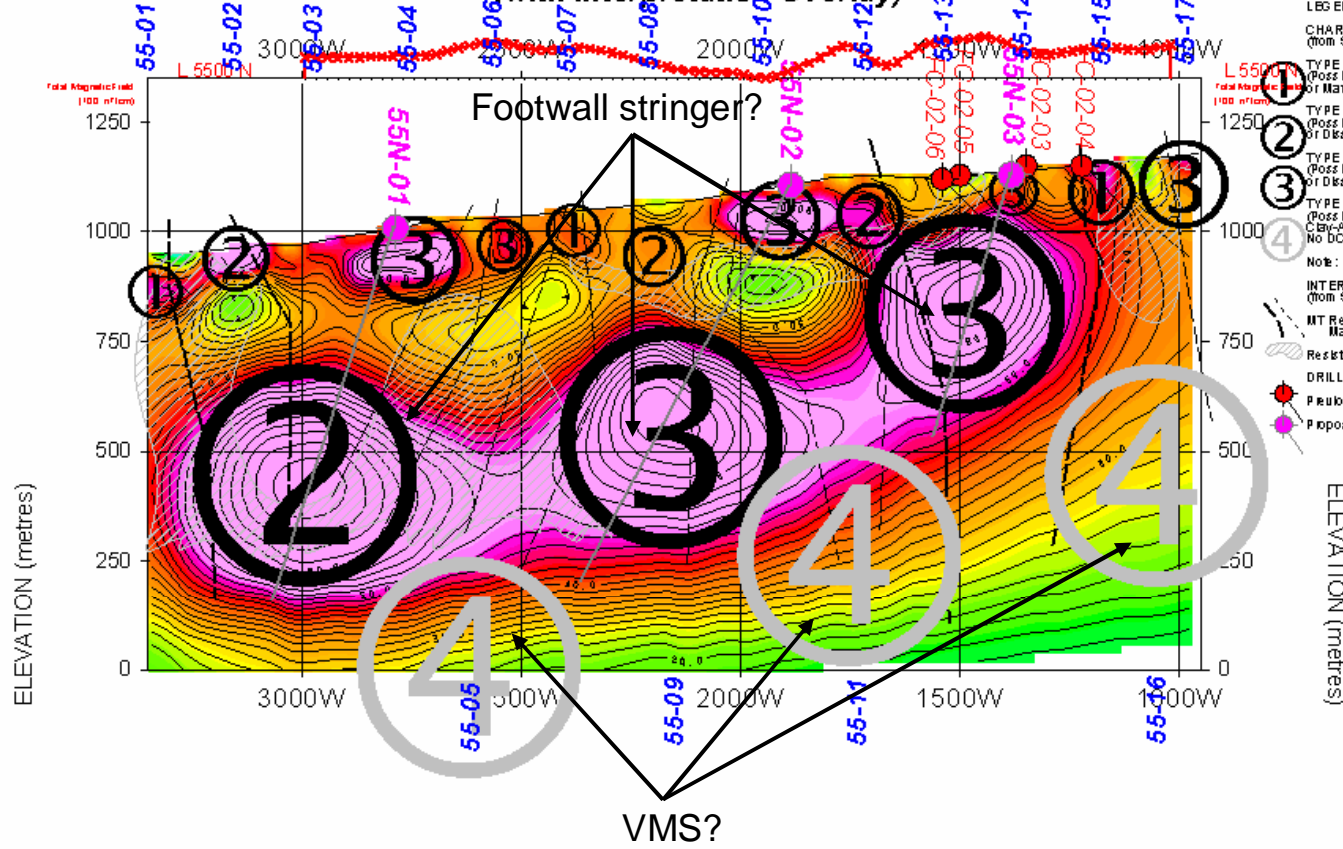


# LINE 5500N - UNCONSTRAINED UBC SMOOTH 2D CHARGEABILITY (with Interpretation Overlay)



**LEGEND**

**CHARGEABILITY TARGET & TYPE**  
(from Smooth IP + DC 2D Inversion)

- ① TYPE I: IP High/Res Low  
(Possible Stringer to Massive Stippled or Macro-lyric Dks Stippled)
- ② TYPE II: IP High/Contact Res Lk.  
(Possible Thin Stringer Stippled or Dks. Stippled at Contact)
- ③ TYPE III: IP High/Res High  
(Possible Disseminated Stippled or Disseminated Magnetite)
- ④ TYPE IV: Res Low (MT Only)  
(Possible Stippled Mineralized, Clay-Altered or Structural Zone - No DCIP Response Possibly due to Depth)

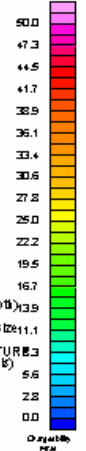
Note: Foot Size Proportional to Target Size 1:1

**INTERPRETED RESISTIVITY STRUCTURE**  
(from Smooth DC and IP/MT 2D Model)

- MT Resistivity Break or Contact Major, Minor
- Resistivity Low Feature or Layer

**DRILL HOLES**

- Pebbles
- Proposed



**SURVEY SPECIFICATIONS:**

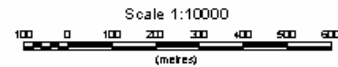
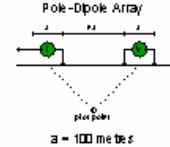
Quantec TITAN-24 Distributed Array System  
 Coordinate System: Mine Grid Coordinates  
 Dipole Spacing: 100 metres Array: Pole-dipole  
 Operators: QGI - NMaik on em-DMacGillivray  
 Transmitter: ZERO G-GT-10 (10 kW) + ZMG-20

**PROCESSING HISTORY:**

Data Acquisition: Full Waveform Sampling (240 samples/s)  
 Time-Series Processing: Robust Statistics  
 Processing Platform: QGI Quicklay(tm)  
 Inversion: Unconstrained Smooth UBC 2D IP  
 UBC Model misfit: Convergence to Npts, Max:50 iters

**PLOTTING PARAMETERS:**

Grid Cell Size: 20 metres  
 Griding: Bi-directional  
 Filter Applied: 2X Hanning Filter  
 Contours: Linear (2 & 10 mrad)  
 Colour Zoning: Equal Area (Colour.tb)



**BARKER MINERALS LTD.**  
 FRANK CREEK PROPERTY  
 Caribou Lake, near Williams Lake, BC

TITAN-24 ARRAY DC RESISTIVITY/IP SURVEY

LINE 5500N

Unconstrained Smooth UBC 2D IP Inversion

Survey Date: May-June, 2004

Services & Processed by:  
**QUANTEC GEOSCIENCE INC.**

