

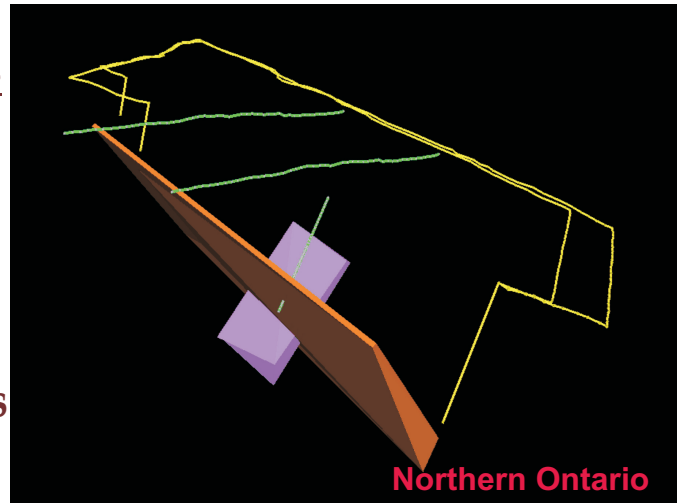
EMIGMA 11

For Vista/W7 /W8.1/ W10/W11

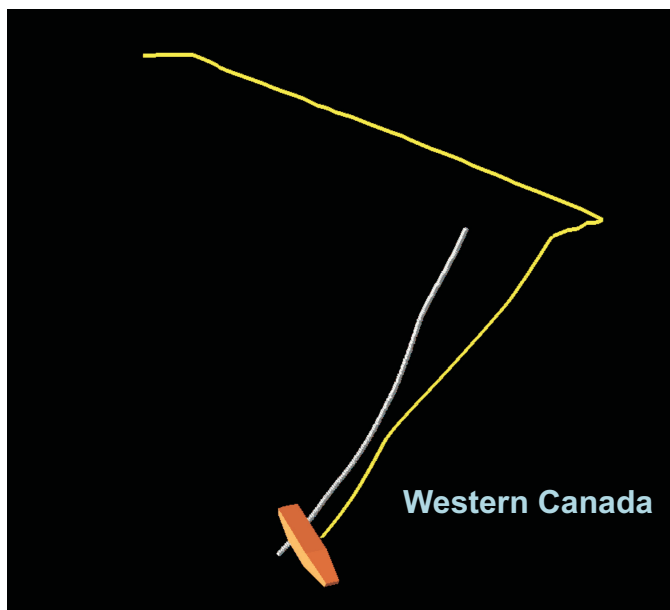
Resistivity/ IP / MMR *ground , surface to borehole, crosshole*

Surface and Borehole MMR Surveys

- DC and low frequency MMR
- Arbitrary Surface Grounded Source
- Surface and borehole measurements
- Merging of ground and borehole surveys
- Freespace and conducting background models
- Accurate Simulation of 3D source fields
- 4 forward modeling algorithms
- Flexible plotting and data contouring
- 3D visualization and survey design tools



MMR Ground and Borehole Survey with Model



Surface to Borehole Spectral IP

Surface to Borehole Cross-borehole IP

Resistivity and IP

- Surface electrode to borehole electrode sources
- TX/RX Inhole electrodes
- Conductive and Polarizable Backgrounds
- Accurate Simulation of 3D source fields
- Flexible plotting and data contouring
- 3D visualization tools

Processing, Imaging & Interpretation Suite for Mining, Oil & Gas, Near Surface

Exploration, Environmental, UXO, Geotechnical, Delineation

EMIGMA 11

Vista/W7 /W8.1/ W10/W11

Resistivity/ IP / MMR /MIP *ground , surface to borehole, crosshole*

Surface IP/Resistivity Surveys

Resistivity, IP , MMR, MIP data

Time Domain or Frequency Domain

Dipole-dipole, pole-dipole, pole-pole

- gradient, Schlumberger, Wenner

Fast and Accurate 2D/3D resistivity modeling

- arbitrary contrast and aspect ratios

Fast and Accurate Full-solution 3D IP modeling

- Cole-Cole IP characterization

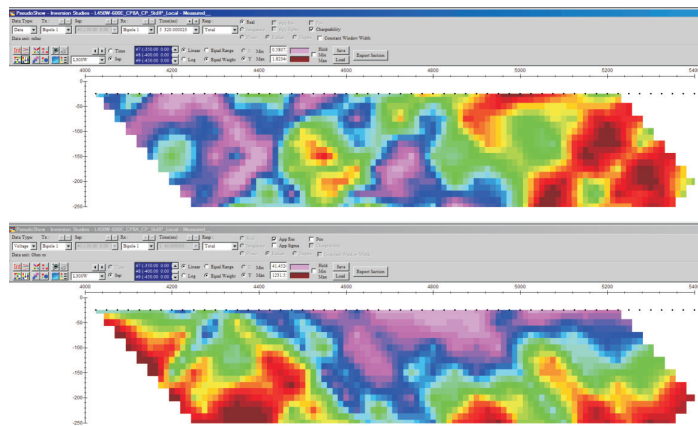
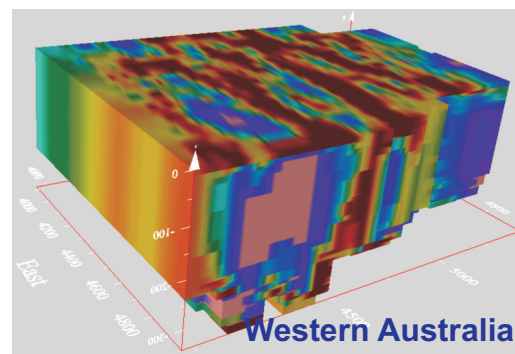
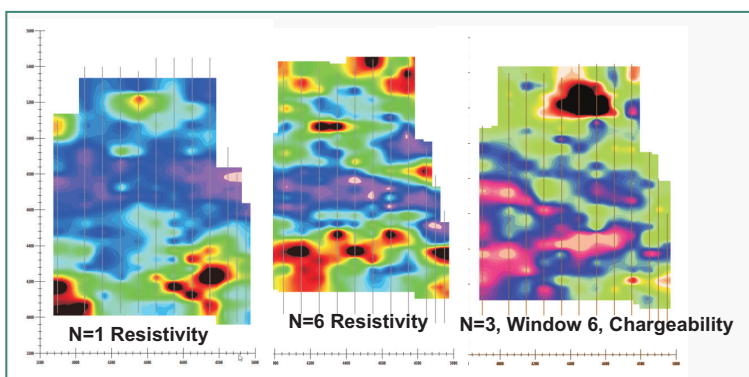
- including Magnetic and EM effects

- Unlimited bodies (prisms and/or polyhedra)

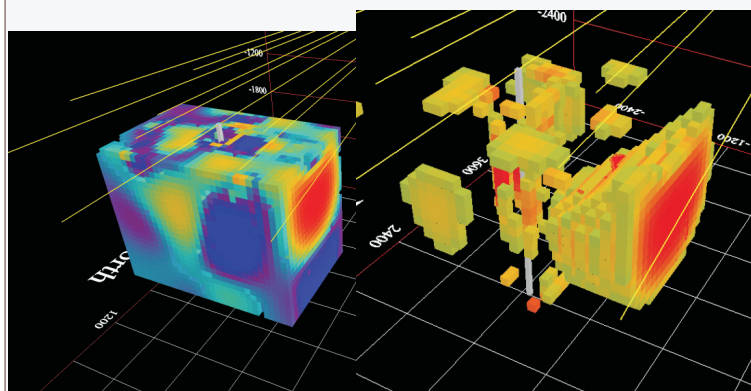
- Accurate multiple-body interactions for proper
current flow calculations

- Topography effects

1D & 3D Resistivity Inversions

**Apparent Rho and Chargeability****3D Resistivity Ground Survey**

Surface to Borehole Multiple TX and Boreholes



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