



ClearView Geophysics

Our Core Services

Spectral IP:

http://www.geophysics.ca/methods_IP.htm

Our high power 10kW transmitters are configured with an expanding pole-dipole array for data that have high resolution and deep penetration. Our portable 3kW transmitters are easily moved down the line for dipole-dipole arrays and shallow penetration.

Inversion models for 2D or 3D arrays can be applied to assist with the interpretation. A description of 3D IP can be found at:

<http://www.geophysics.ca/coppip.pdf>

The time domain data are also presented with calculated cole-cole spectral parameters: M-IP, Tau and 'c'. These parameters can provide information about quantity, size and variability of the anomaly source mineralization.

Refer to: http://www.geophysics.ca/Spectral_IP.pdf

Borehole IP surveys are carried out with multi-conductor cables for multiple dipoles to provide target direction. For a short presentation, refer to:

http://www.geophysics.ca/Designing_BoreholeIP_Surveys_WEB.ppt

Snowmobile-mode Cesium Magnetics:

http://www.geophysics.ca/methods_DGPS.htm

We specialize in snowmobile-mode geophysical surveys. These data are less expensive and higher quality compared to walking-mode data. Our experience with cesium magnetometer surveys in snowmobile and walking modes goes back to 1996. Production rates average 80 km per day. Lightweight and robust system design allows complete ground coverage with minimal requirement for walking-mode fill-in.

Inverse models are created with UBC Mag3D for quantitative interpretation.

Large Loop TDEM:

<http://www.geophysics.ca/tdem.htm>

Our Geonics PROTEM receivers with 3D receiver coils and TEM57-mk2 transmitters with TEM67 high power modules are ideal for deep penetrating transient electromagnetic surveys. The systems are specially modified so that we can combine two TEM57-mk2 transmitters in series with four TEM67 power modules, for a total output voltage of 480V. Fixed loops consisting of 8 km of 10 gauge copper wire can have over 15 amps of electrical current. This can be increased further by doubling-up the loop wire. These abilities allow us to provide much cleaner data than normally possible.

ClearView utilizes Lamontagne's MultiLoopIII for 3D modeling and survey planning.

Visit: <http://www.geophysics.ca>



Please visit

<http://www.geophysics.ca> for more information on these and other services offered by ClearView Geophysics Inc.

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