



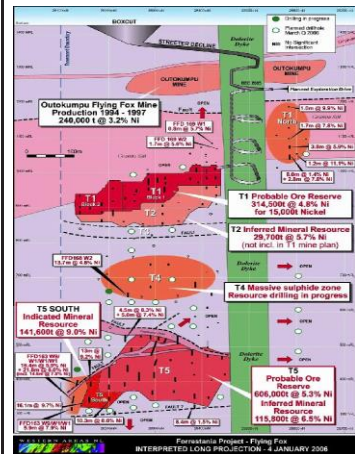
Atlantis DHEM System - Base Metal Exploration

Atlantis B-Field DHEM System

Atlantis is a unique 3-component borehole tool for the low-noise measurement of magnetic (B) fields in TEM, MMR and other electrical geophysical surveys or geomagnetic applications. Atlantis is fully integrated with EMIT's SMARTem receiver system for automated low-noise data acquisition and superior performance, even in electrically noisy environments.

In TEM surveys Atlantis can detect good conductors further from a borehole than conventional dB/dt measurements and can easily discriminate good conductors from weaker ones. Importantly, the cross-hole sensors have the same instrument noise level as the axial sensor.

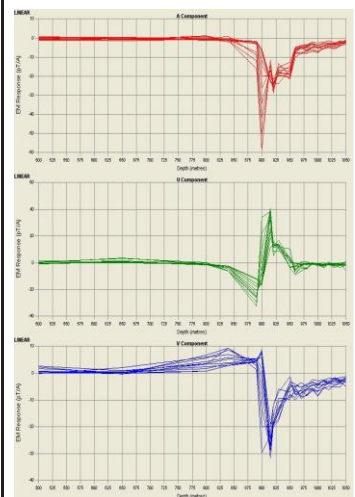
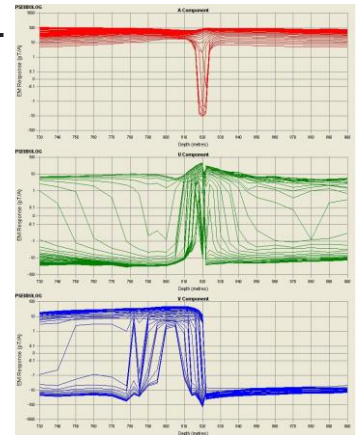
Atlantis measures borehole azimuth and inclination. A unique suite of products are available from an Atlantis survey, including full off-time and on-time responses. Atlantis data can be interpreted using EMIT's Maxwell software and other packages.



Western Areas NL, Flying Fox Deposit, W.A.

An Atlantis survey in December 2005 was responsible for the siting of a drill wedge into the Flying Fox T4 Deposit that intersected nickel mineralisation of 13.65m at 4.6% Ni in hole FFD168W2. Shown here (right) is the Atlantis data from FFD168, collected at a base frequency of 0.5 Hz, clearly showing the off-hole anomaly from T4. Interpretation of the Atlantis data by Newexco Services Pty Ltd led to the drilling of FFD168W2. Consultants Newexco explained that "Atlantis data made the interpretation of the additional massive sulphides unambiguous. B field data clearly showed the highly conductive parts of the target."

Data collected by Vortex Geophysics and provided courtesy of Western Areas NL and Newexco Services.



Inco Exploration, Sudbury, Ontario

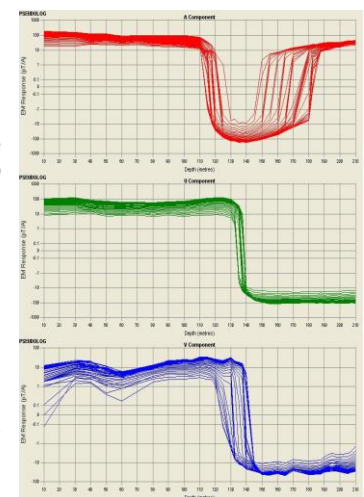
Inco Exploration has been using an Atlantis system in the Sudbury Basin since late 2004 to define nickel exploration targets. Shown here (left) is an example of late-time EM data from the Sudbury area. It was acquired at a base frequency of 3 Hz in a borehole which intersected the edge of Cu/NiS bodies between 900 and 950m depth.

Data provided courtesy of Inco Exploration, Sudbury.

BHP Billiton, Leinster Area, W.A.

BHP Billiton has been using Atlantis systems in the Leinster-Mount Keith area to define nickel resources. Shown here (right) is Atlantis data, gathered at a base frequency of 1Hz, illustrating the EM response of an off-hole target in conductive terrain.

Data collected by Geoforce Pty Ltd and provided courtesy of BHP Billiton.



Independence Group, Long/Victor Nickel Mine, W.A. - A New \$470M Resource

EMIT's products have been part of significant exploration success in the mining sector. One such example is at Independence Group's (IGO) Long/Victor Nickel Mine at Kambalda, Western Australia. DHEM surveys with the Atlantis borehole magnetometer system have been a standard part of in-mine exploration at Long since Atlantis was developed in 2004. One Atlantis system has been operating continuously at Long since that time.

In March 2005, IGO announced the discovery of the McLeay Shoot at the Long Nickel Mine. Geophysics has made a significant contribution to the discovery and ongoing delineation of McLeay and the main geophysical tool involved is Atlantis. As of January 2006 McLeay is a resource of 23,600 tonnes of nickel metal, currently valued at \$A470M. It remains open to the north, south and east. Mining is being planned.

IGO: "Atlantis allows us to make more effective decisions in our mine, and is an integral part of our exploration effort. IGO is pleased to take a lead role in the deployment of Atlantis and the continual improvement of the associated tools and software."

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