





## Fact Sheet: SkyTEM<sup>512</sup> at Caber

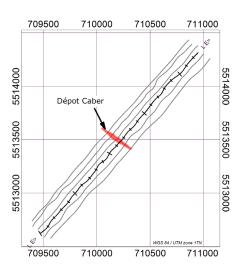
## **Overview**

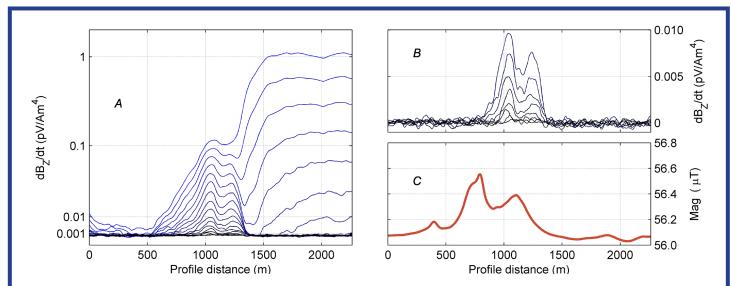
In February 2014 SkyTEM conducted a test survey mapping the well-known Caber deposit 30 km west of Matagami in Québec, Canada. The massive sulphide deposit is located at an approximate depth of 150 m and is partly covered by conductive overburden.

The survey was flown with the recently developed SkyTEM<sup>512</sup> system, which has the highest dipole moment of all SkyTEM systems. The results presented below demonstrate the high spatial resolution and low noise properties which characterize SkyTEM data.

## **Key Facts**

- 536 m² transmitter area
- 12 turns transmitter coil
- 775,000 NIA peak dipole moment
- Superior late-time signal to noise ratio and depth penetration
- Patented MultiMoment® technology ensures detailed shallow resolution and depth penetration





The High Moment gates presented in panel **A** cover the time range from 200 µs to 10 ms and clearly resolve the Caber Anomaly in the central part of the profile. The magnified view in panel **B** displays only late gates, which cover the time range from 1.6 to 10 ms. The low noise level allows for a high signal to noise ratio and late time anomaly definition. Panel **C** displays the simultaneously recorded magnetic data supporting the exact location of the EM anomaly.

