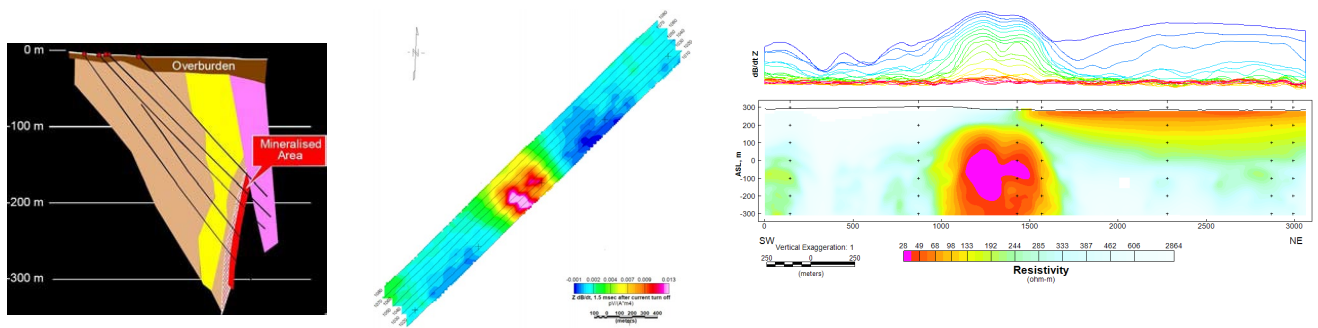


## Advanced helicopter time-domain EM system TargetEM with 15 Hz base frequency detects Caber and Caber North deposits

TargetEM system developed by Expert Geophysics Limited is an advanced airborne time-domain electromagnetic system operating at a low base frequency (15 Hz / 12.5 Hz). The patent-pending low noise three component receiver together with the high dipole moment of ~ 500,000 NIA provide the industry's highest data quality. The system's exceptional capabilities have been demonstrated through the successful detection of the Caber and Caber North conductors located in Québec, Canada.

### Caber deposit

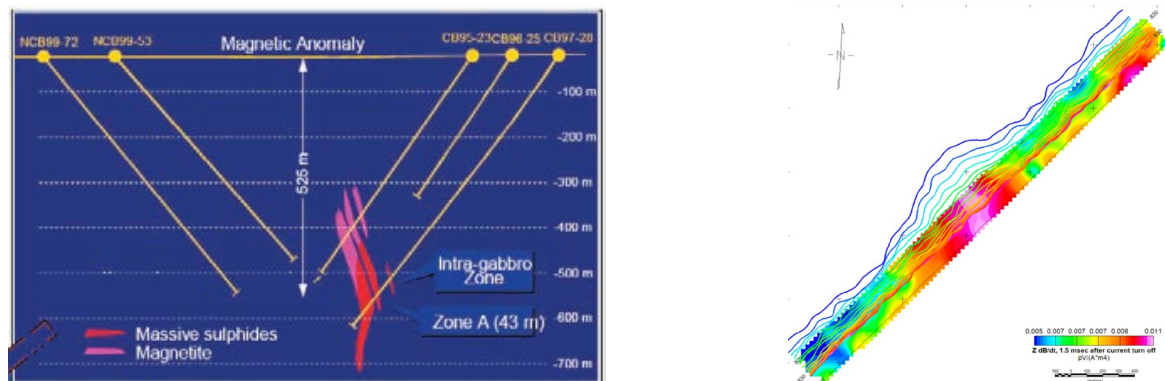
The Caber copper-zinc volcanic massive sulfide deposit, containing 1.3 MT at 1.3% Cu and 5.5% Zn, is located at a depth of 150 m under a conductive overburden cover of approximately 10 m.



Caber deposit geology, TargetEM dB/dt Z grid and resistivity section along L1040

### Caber North deposit

The Caber North deposit (1.3 Mt @ 4.0% Zn, 1.7% Cu) is buried at more than 300 meters depth under conductive overburden.



Caber North deposit geology, TargetEM dB/dt Z grid with late times data profiles along L830

### TargetEM system specification (Caber deposits survey)

- Transmitter:** Base frequency – 15 Hz, Dipole moment - 490,000 NIA, Transmitter pulse – rectangular, 5.8 ms
- Receiver:** 3 orthogonal coils (X, Y and Z)
- Data:** Full waveform recording at digitizing rate 73,728 Hz, dB/dt, B-field, VLF, optional AFAMG data