

# AgTEM-Cart

Continuous acquisition with Monex Geoscope TerraTEM24 with dual moment 50 Amp Transmitter.

Quickly survey in and out of active mining areas.

The assembly is tensioned using a winch and sailing rigging parts.



Groundwater, soil and rock properties are mapped deep into the earth using EmRT (Electromagnetic Resistivity Tomography) as AgTEM-Cart is towed.

## Equipment & Survey

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Google earth

3 to 20km/hr depending on terrain.

Compared to conventional EM survey, acquisition occurs 100% of the time more than making up for small loop area.

Fibreglass and Kelvar construction with patented structural design & deflectable yet self correcting transmitter loop shape.

So that AgTEM-cart can see both deeply and with a small footprint, a receiver loop is rigidly positioned in the cart core precisely where it does not inductively couple with the transmitter loop.

Booms Retract

Survey in culturally cluttered environments with focused signal and interactive sampling and management of effects of fences and other cultural interference.

Exceptional off-road capability

Designed for road and international air shipping

For deepest, most detailed data acquisition, use with a leap-frogged distributed array of sensors such as the ARMIT sensor is recommended.

ARMIT prototype

To see deeper the cart can be augmented with more distant receivers mounted on a gimbal boom extending from either the towing vehicle, or from a separate vehicle with GPS-sync. Remote receivers can even be hand carried.

\* AgTEM-Cart design will change over time and can be adapted to clients requirements.

Addition of a gimbal boom mounted receiver loop enhances deeper investigation