



Geotech VTEM survey AAS26  
for Frontier Resources, March 2012

Transmitter loop diameter: 26 m  
Effective coil area: 2123 m<sup>2</sup>  
Number of turns: 4  
Transmitter base frequency: 25 Hz  
Peak current: 189 A  
Pulse width: 6.37 ms  
Waveform shape: trapezoid  
Peak dipole moment: 401,382 A·m  
Average EM field terrain clearance: 43 m

X-Coil diameter: 0.32 m  
Number of turns: 245  
Effective coil area: 19.69 m<sup>2</sup>  
Z-Coil diameter: 1.2 m  
Number of turns: 100  
Effective coil area: 113.04 m<sup>2</sup>

— Tx-Rx flying height  
— DTM topo surface

250 0 250 500  
(meters)

line 11170

Dagular VTEM survey

conductivity depth section  
(using dBdt z data)

25.7  
5.4  
3.1  
2.5  
2.2  
1.8  
1.4  
1.0  
0.5  
0.2  
-0.1

**conductivity**  
mS/m