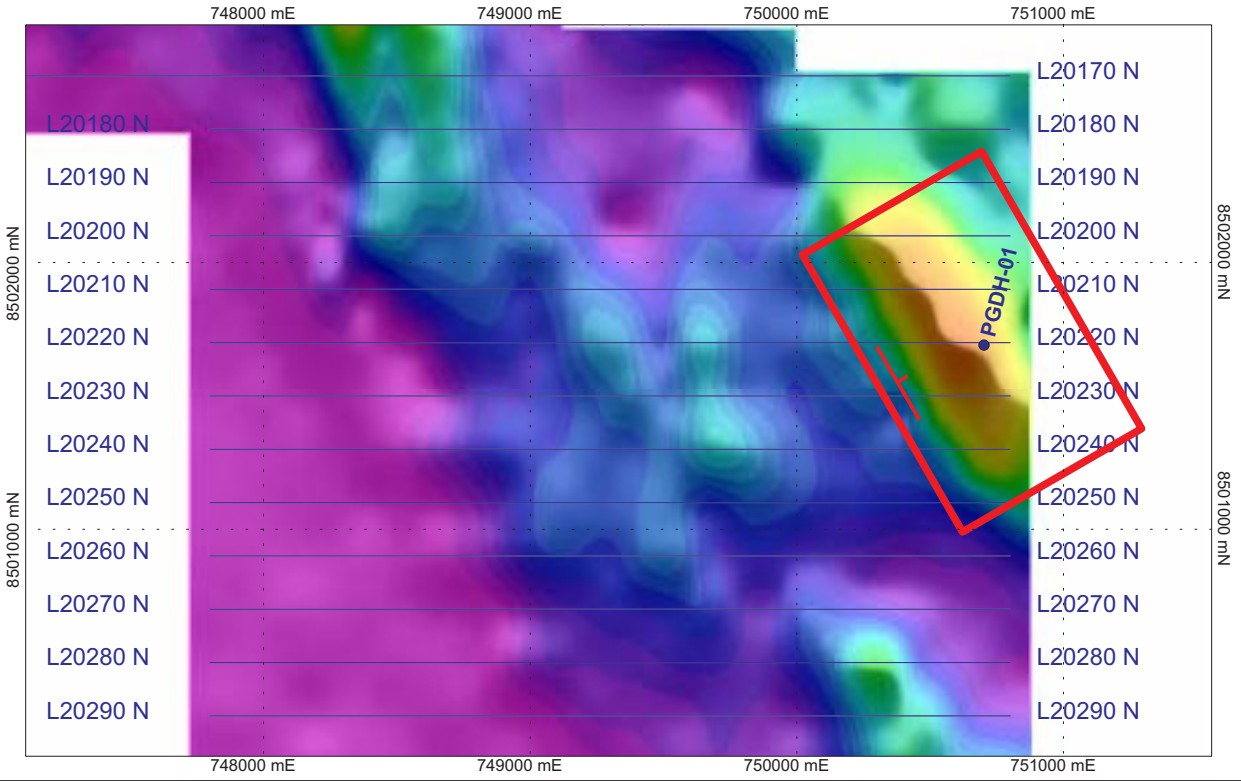
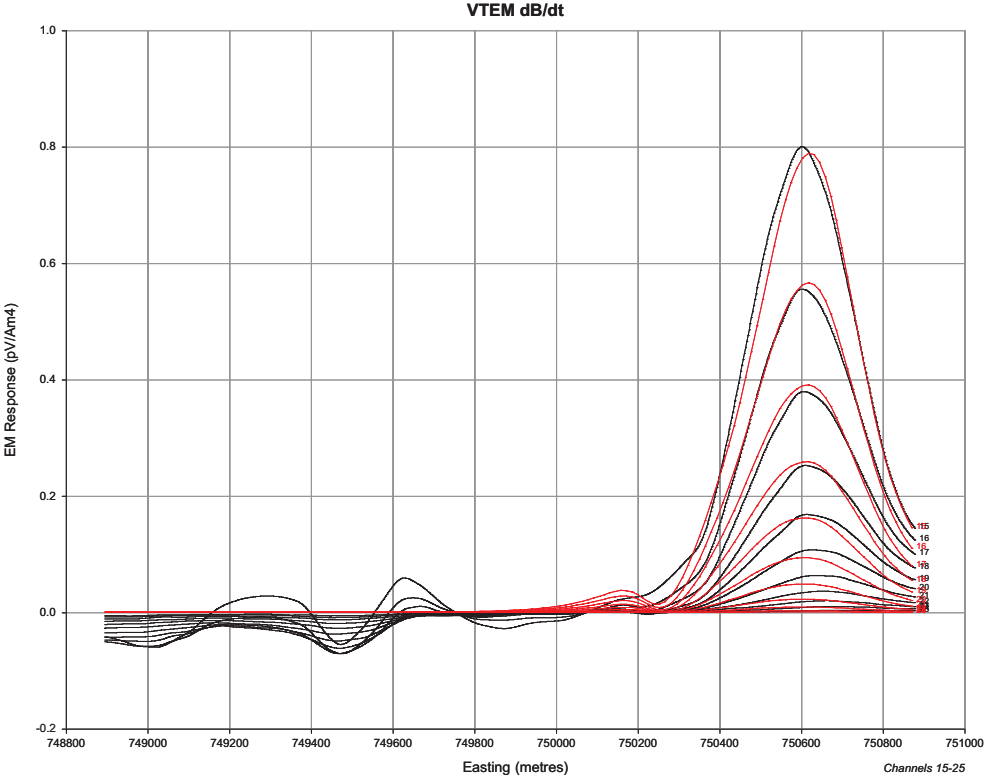


Plan View (VTEM dB/dt Ch15)



Model Response
Line 20220 (background response removed)



Survey Parameters

Contractor	: Geotech Airborne Ltd
Equipment	
Aircraft	: AS350-BA Helicopter
System	: VTEM
Receiver Area	: 113.1 m ² (1.2m diameter, 100 turns)
Transmitter Area	: 2124 m ² (26m diameter, 4 turns)
Survey Specifications	
Line Spacing	: 200 m
Station Spacing	: ~3 m
EM Loop Clearance	: 42 m
Base Frequency	: 25 Hz
Duty Cycle	: 37.4%
Waveform	: Trapezoid, Pulse Width (7.47 millisecc)
Current	: 200 A
Peak Dipole Moment	: 424,528 NIA

Model Parameters

Name	: PG-M1
East (centre)	: 750656 mE
North (centre)	: 8501700 mN
Depth (centre)	: 98 m
Dip	: 6.5°
Dip Direction	: 060°
Strike Length	: 1200 m
Depth Extent	: 780 m
Cond-Th	: 2.4 Siemens

Drill Hole Parameters

Hole ID	: PGDH-01
Collar East	: 750700 mE
Collar North	: 8501700 mN
RL	: 170mm
Azimuth	: 270°
Dip	: 80°
Depth Intersection	: 105 m
Depth EOH	: 150 m

Surveying/Modelling Comments

The anomaly on the eastern edge of Block 2 is not evident in times later than 2 milliseconds, which indicates a very weak conductor. The eastern tail of the anomaly profile is missing, but a slight migration of the anomaly peak to the east suggests a shallow ENE dip.

For the time interval over which this anomaly was modelled (Ch 15 to 25) there is a significant background EM response, which was removed prior to modelling.

The extensive strike extent (open to the southeast) and depth extent, coupled with shallow depth to top of the model makes this a low risk target for drilling. The proposed hole is aimed at the centre of the model, but shallower holes could be targeted up-dip, where the topography is lower.



Southern Geoscience Consultants Pty Ltd
ACN 067 552 461

HADDINGTON RESOURCES LTD
SHOOBRIDGE PROJECT
Phillip Greets Prospect
VTEM Modelling Results

Author: K. A. Blundell
Supervisor: W. S. Peters
Date: 22/10/2009

Perspective View

