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## **Appendix L**

***Works Programme Budget for Exploration 2008-2009***

**ZZ Exploration Pty Ltd**

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# ZZ Exploration P/L 2008 - 09 Work Programme

## Regional Exploration

EL 18/2003

### *Target 1 – Nickel Mineralisation*

Nickel mineralisation similar to the Avebury deposit, which lies 1km to the west. Mineralisation targeted comprises disseminated nickel sulphide associated with Blackwall alteration, hosted close to the margin of thermally metamorphosed ultramafics.

#### *Strategy*

1. Complete ground test work i.e. soil sampling and ground magnetometer work
2. Ground work to consist of:
  - 100m spaced NE-SW lines with site spacing 5m to cover area of airborne magnetic anomalies (need to ensure lines begin and finish in background values).
  - Soil sample at 20-25m intervals along the magnetic survey lines over the magnetic features and passing into background. Sample suite to be a multi-element:  
  
Cu, Pb, Zn, Ag, Mg, Ca, Cr, Co, Ni, As, Bi, Au (geochem with >5ppb), Fe, S, Ti, Mn, Al, K, Na, V  
  
This covers all eventualities apart from tin and tungsten which may be added.
3. Interpret geochemical and geophysical data to plan a drillhole test of each of any significant anomalies. Target the contact of ultramafics or indications of blackwall alteration (Avebury signature)
4. Drill-holes: 3 by 200m as initial tests. Depending on outcome may need additional holes.

#### *Budget*

1. Geochemical sampling : 20 line kms with approx 25 samples per line
2. Geophysical work : 20 line kms
3. Drilling : 3 by 200m diamond drill holes

## *Risks*

1. Inaccessible ground for drill rig
2. Extensive line cutting needed
3. No anomaly of any sorts to aid drill-hole targeting
4. No mineralisation when drilled
5. Possible deep weathering/bad drilling ground
6. Favourable results may result in additional holes and/or downhole geophysics

## ***Target 2 – Detailed Seismic Interpretation***

ZZ Exploration P/L propose to complete a detailed study on the all the data produced from the 2007 seismic survey by competent industry specialists.

- Review and (if practicable) carry out the recommendations from Finlay (2007) including proposing to the Tasmanian Government a carefully planned government-industry collaborative geophysical and stratigraphic drilling programme to enhance knowledge of the Zeehan mineral district and to test the possibility of Permo-Triassic rocks below the western part of the Zeehan region.

## *Strategy*

1. Fully process the seismic data to resolve basement structures that might be responsible for the formation of stratabound Pb/Zn mineralisation.

## *Budget*

1. Processing of seismic data and technical interpretation

## ***Target 3 – Old Mines Survey***

ZZ Exploration P/L plan to continue its old workings survey from 2007. This will involve locating existing old workings within EL18/2003. The dumps will then be prioritised to be extracted for feed to the Zeehan Zinc gravity plant.

## *Strategy*

1. Continue follow on work from the 2007 Old Working Survey
2. Collect samples to identify mineralisation types i.e. testing for major minerals that occur in the surrounding area including Nickel.
3. Prioritise dumps in order of volume, grade and access to dumps.
4. Apply for approval/mining lease to extract material from dumps.