

# ASX Release

9 June 2014



## VTEM SURVEY COMMENCED AT THOMSON PROJECTS

Thomson Resources (ASX: TMZ) is pleased to announce the commencement of an airborne “VTEM” survey in NSW. The survey is targeting volcanogenic massive sulphide deposits (“VMS”) with potential for copper-lead-zinc-gold-silver at the Havilah, Lachlan Downs, Furneys and Kenilworth prospects. The survey will also target tin-tungsten mineralisation at Wilgaroon, as it is expected to be associated with conductive pyrrhotite.

### **VTEM**

VTEM (Versatile Time-domain Electro Magnetic geophysical system) is widely considered the best helicopter TEM massive sulphide detection and imaging tool with notable successes including the discovery of the Mallee Bull deposit in the Cobar Basin.

### **Havilah**

The Havilah base and precious metal project (EL 7391) is located approximately 20 kilometres southeast of Mudgee, central NSW. It lies within Silurian rocks of the eastern Lachlan Fold Belt, known for VMS deposits such as Woodlawn, Captains Flat, Lewis Ponds and Sunny Corner.

At Havilah, previous work has defined Zn, Pb, Au and Ag anomalism in soil and rock chip sampling coincident with a strong sericite-pyrite-silica alteration zone. Historical drilling to the south of the main alteration zone also intersected anomalous lead, zinc and gold (see Thomson’s March 2014 Quarterly report).

### **Byrock**

The survey will cover areas of ELs 7642, 7643 and 8136, west of Byrock in an area where both Silurian-Devonian Cobar Super Group as well as older Ordovician rocks have been mapped. The area features several distinct magnetic anomalies, one of which (on Lachlan Downs station) has been drilled with two holes: one in 1971 by AMAX and one in 1978 by CRAE. Both holes returned anomalous copper, lead and zinc, but neither tested the full extent of the anomaly (they were drilled in opposite directions).

### **Furneys**

The Furneys target on EL 8251 lies 33km due north of the CBH mine at Endeavor near Cobar. Surface lead-zinc anomalism extends for over 600m and has been lightly drilled, with several holes returning significant lead-zinc-silver anomalism.

## Wilgaroon

The Wilgaroon tin-tungsten prospect lies on EL 8011, 55km north of Cobar. The tin-tungsten deposit type is often associated with the sulphide mineral pyrrhotite and the single hole drilled previously in the area intersected 250m of low grade cassiterite (tin) – sulphide mineralisation.



Figure 1: Thomson Projects in NSW.

## Thomson Resources Ltd

A handwritten signature in blue ink, appearing to read 'Eoin Rothery'.

### Eoin Rothery

Chief Executive Officer

*The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Eoin Rothery, (MSc), who is a member of the Australian Institute of Geoscientists. Mr Rothery is a full time employee of Thomson Resources Ltd. Mr Rothery has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Rothery consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*