

Quarter ending 31 March 2016

# Quarterly Report



## Highlights

- Bygoo North Tin drilling continues to deliver excellent results
- New high grade tin discovery at Bygoo South
- Thomson Resources named as finalist for “Explorer of the Year”
- Further drilling planned at Bygoo; drilling also planned for Wilga Downs VMS

## BYGOO NORTH TIN PROSPECT

Thomson Resources (ASX:TMZ) has now carried out three drilling programs at its Bygoo North discovery, including one in the latest quarter (see Thomson’s ASX release of April 21<sup>st</sup>). Each program has intersected high grade tin on an east-west trending greisen in the roof zone of the Ardlethan granite. The zone is open to the east, west and down dip and has clear exploration upside. Further drilling is planned.

Significant intersections recorded to date are (listed from west to east):

Hole	Easting	Depth	DH Width	True Width	Intercept
BNRC10	484629	58	11	7	11m at 1.0% Sn
BNRC11	484648	35	35	10	35m at 2.1% Sn
BNRC20	484661	66	11	8	11m at 2.1% Sn
BNRC13	484673	71	11	9	11m at 1.4% Sn
BNRC04	484685	108	14	6	14m at 1.3% Sn
BNRC18	484701	85	4	4	4m at 2.4% Sn
BNRC03	484724	109	23	NA	23m at 0.9% Sn
BNRC19	484724	113	8	5	8m at 1.7% Sn

These intersections are believed to lie within the east-west greisen zone with the “True Width” estimated by 3D modelling of the zone.

In addition, there are several intersections of high grade tin outside this zone which represent targets for further follow up (e.g. a lower intercept in BNRC13 of 10m at 2.0% Sn from 108m down hole).

## **BYGOO SOUTH TIN PROSPECT**

Thomson has also commenced exploration at other prospects in the Bygoo area, with immediate success at Bygoo South. Drilling under shallow historical workings yielded an intercept of **8m at 1.3% Sn** from 57m down hole (see ASX Release of April 21<sup>st</sup>, 2016). Further drilling is needed under the old workings as well as in the 400m gap zone between the North and South prospects. Drilling is also being planned for the Big Bygoo prospect which lies a further 1500m to the south towards the Ardlethan tin mine.

## **NSW EXPLORER OF THE YEAR**

The NSW Minerals Council has announced that Thomson Resources is one of four finalists for the award. The winner will be announced on May 4<sup>th</sup> at the 2016 NSW Minerals Council Exploration Forum to be held in Parliament House, Sydney.

## **WILGA DOWNS VMS (Copper-Zinc) PROSPECT**

Thomson is well advanced in planning to drill its outstanding copper-zinc VMS prospect at Wilga Downs on EL 8136. The prospect lies in the same age rocks as the Tritton copper VMS deposit – the Early Ordovician Narrama Formation. The lithologies, metamorphosed siltstone and basalt, are also similar to the Tritton area. Like Tritton, the prospect is marked by magnetic highs and strong ground and airborne electromagnetic (EM) geophysical anomalies.

The prospect has had only two drill holes in the vicinity, drilled in the 1970s by AMAX and CRAE, but neither tested the EM anomaly. Significantly, both had anomalous copper, lead and zinc (up to 0.2% Cu, 0.5% Pb and 0.7% Zn) indicating a potential halo to economic mineralisation. The planned drilling targets the centre of the conductive plate modelled from the ground EM survey.

Details of the historical and planned drilling and EM anomalies were released in Thomson's announcement of 22 July 2015.

## **CO-OPERATIVE DRILLING GRANTS**

Thomson has reapplied for grants in Round 2 of the NSW Government's New Frontiers Cooperative Drilling program. Grants were awarded to three of Thomson's projects in Round 1 (Mt Jacob, Cuttaburra A and B), but were not sufficiently attractive to support drilling at that time. Round 2 promises increased support to 100% of direct drilling costs and will help a decision to develop these promising projects.

Details of the Round 1 drilling grants were released in Thomson's quarterly report for September 2014.

## Tenement Holdings

Thomson is exploring 729 square kilometres over nine granted titles, with an interest in six other tenements (513 square km) under joint venture arrangements with companies including Kidman Resources (ASX:KDR), Silver Mines Ltd (ASX:SVL) and Variscan Mines Ltd (ASX:VAR) as well as private investors.

## Corporate

Exploration expenditure incurred during the quarter totalled \$92,000. Cash at the end of the quarter was \$178,000. Thomson has continued to implement cost cutting measures with further substantial cuts made to salaries, overheads and directors fees.

Thomson has no debt and had 95,303,306 shares on issue at quarter end; and issued a further 1,241,850 ordinary shares at 5.0 cents per share on 7 April 2016 to Australian Mineral and Waterwell Drilling PL as consideration for drilling charges.

### Thomson Resources Ltd



#### 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.*

#### **Further Notes re Table on page 1:**

BNRC003 was drilled sub-parallel to the greisen zone from west to east and a true width can't be estimated for that hole. "Depth" is that from ground surface to the top of the intersection in each hole. "Easting" is quoted in the Map Grid of Australia metres, zone 55. "DH Width" is the down-hole width in metres. Details for all drilling was given in Thomson releases of April 21<sup>st</sup>, 2016; October 21<sup>st</sup>, 2015 and 13<sup>th</sup> July, 2015.

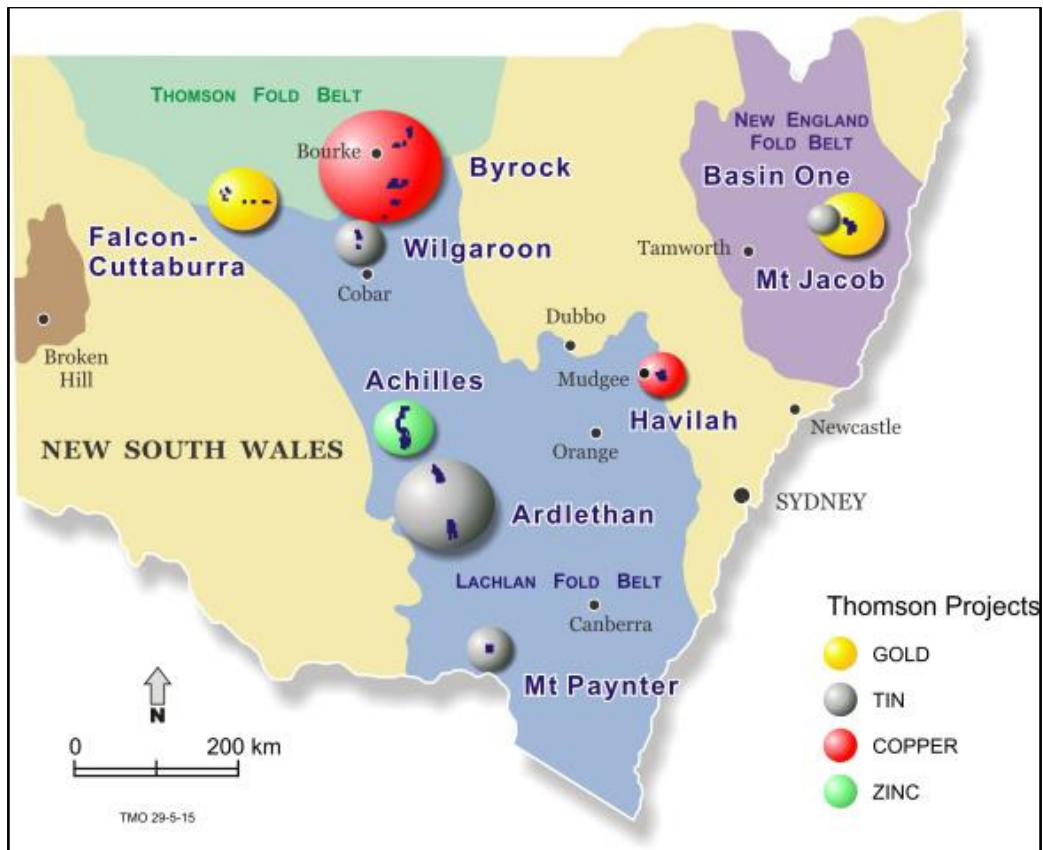


Figure 1: Thomson Projects in NSW