

Quarter ending 31 December 2016

Quarterly Report



Highlights

- **A fourth drilling program at Bygoo**
- **Positive preliminary Bygoo metallurgical results received**
- **Progress in copper-gold joint ventures**

BYGOO DRILLING

In December 2016, Thomson Resources carried out follow-up drilling at the Bygoo prospects. Nine holes were drilled for an advance of 1,000 metres before rain forced an abandonment of the program. Assay results are expected in February 2017.

The holes were targeted to define the extent of the known mineralisation at Bygoo South (Figure 1), identify mineralisation at Bygoo Central, and test an offset in the mineralised trend at Bygoo North (Figure 2). Previous drilling at Bygoo North identified a possible 20m offset in the main greisen zone and the follow-up drilling was designed to verify this apparent offset.

The drilling program will be resumed once the assay results have been received and interpreted.

BYGOO METALLURGY

Preliminary results from metallurgical analysis have been received. A bulk sample of 26.3 kg sample taken from drill hole BNR0011, interval 51–52m, was processed at the ALS laboratory in Burnie, Tasmania. The laboratory summarised the results of their testing as:

- An excellent gravity response between 0.038 and 0.425mm, 67% Sn at 84% recovery.
- The >0.425mm (coarse) fraction required a regrind to improve liberation of Sn.
- Gravity concentrates contain fluorine (sourced from topaz). This would need to be reduced as fluorine is a penalty in tin concentrate.
- It is likely that the product can be dressed to remove topaz using flotation.

Tenement Holdings and Joint Ventures

Thomson has interests in 14 granted ELs and one EL application covering 1316 square km in total. Ten of these covering 982 sq.km have been farmed out in joint-venture arrangements with companies including Kidman Resources (ASX:KDR), Silver City Minerals (ASX:SCI), Silver Mines Ltd (ASX:SVL) and Variscan Mines Ltd (ASX:VAR) as well as private investors.

Significant progress was made by Silver City Minerals, who drilled a hole at the Wilga Downs prospect (EL 8136) to a depth of 426.8 metres, after conducting gravity and detailed ground electromagnetic surveys. The hole intersected a siliceous shear zone with abundant chlorite, sericite and graphite hosting stringers and veinlets of iron and copper sulphides. Downhole EM is planned as the hole is thought to have passed to the south of the main anomaly.

Silver Mines Ltd also progressed the Havilah joint venture (EL 7391) with a high resolution aeromagnetic survey. Ground work is planned to follow up.

Corporate

Exploration expenditure incurred during the quarter totalled \$62,000. Cash at the end of the quarter was \$105,000. An \$81,615 grant for eligible Research and Development activities under the Commonwealth Governments R & D Tax Incentive scheme was received in October. In addition a joint venture contribution of \$80,000 was received post quarter-end. This is the first of a number of payments expected during 2017 under the recently announced (21 November 2016) Bygoo Farm-In Agreement.

Thomson had 99,105,156 shares on issue at quarter end.

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.

Table 1 –Drill Locations at Bygoo North and South

Hole	MGAE	MGAN	Prospect	RL	Dip	Az	Depth
BNRC025	484631	6207850	Bygoo South	255	-50	169	144
BNRC026	484594	6207890	Bygoo Central	254	-60	169	96
BNRC027	484576	6207812	Bygoo South	255	-60	169	66
BNRC028	484631	6207734	Bygoo South	255	-50	350	96
BNRC029	484660	6207742	Bygoo South	255	-50	349	109
BNRC030	484660	6207717	Bygoo South	255	-60	349	129
BNRC031	484665	6207794	Bygoo South	254	-60	214	114
BNRC032	484680	6208114	Bygoo North	248	-60	169	144
BNRC033	484660	6208070	Bygoo North	252	-60	169	102

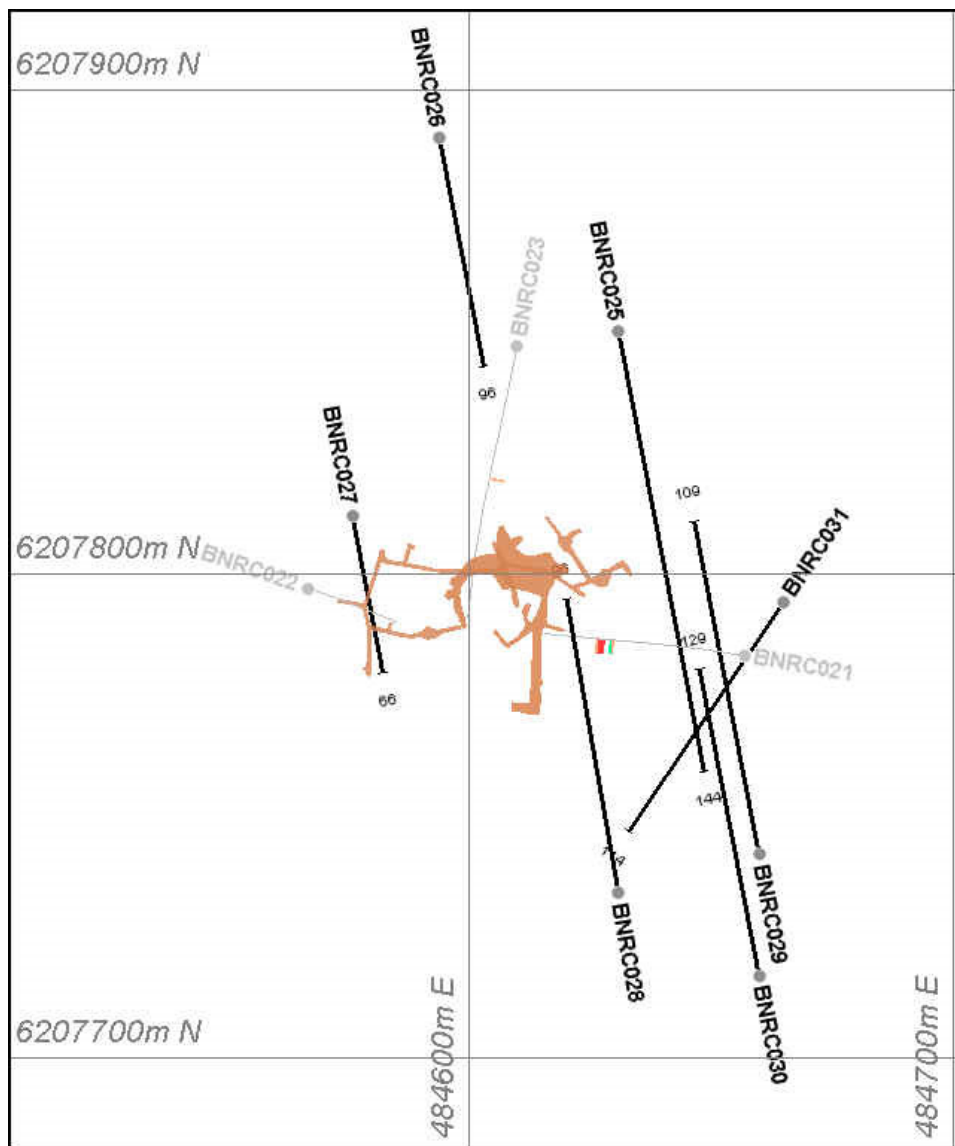


Figure1: Recent drilling at Bygoo South. The old Smith's workings (level drives) are shown in orange. BNRC21, drilled previously and shown in grey, intercepted 8m at 1.3% Sn (see ASX Release 21 April 2016).

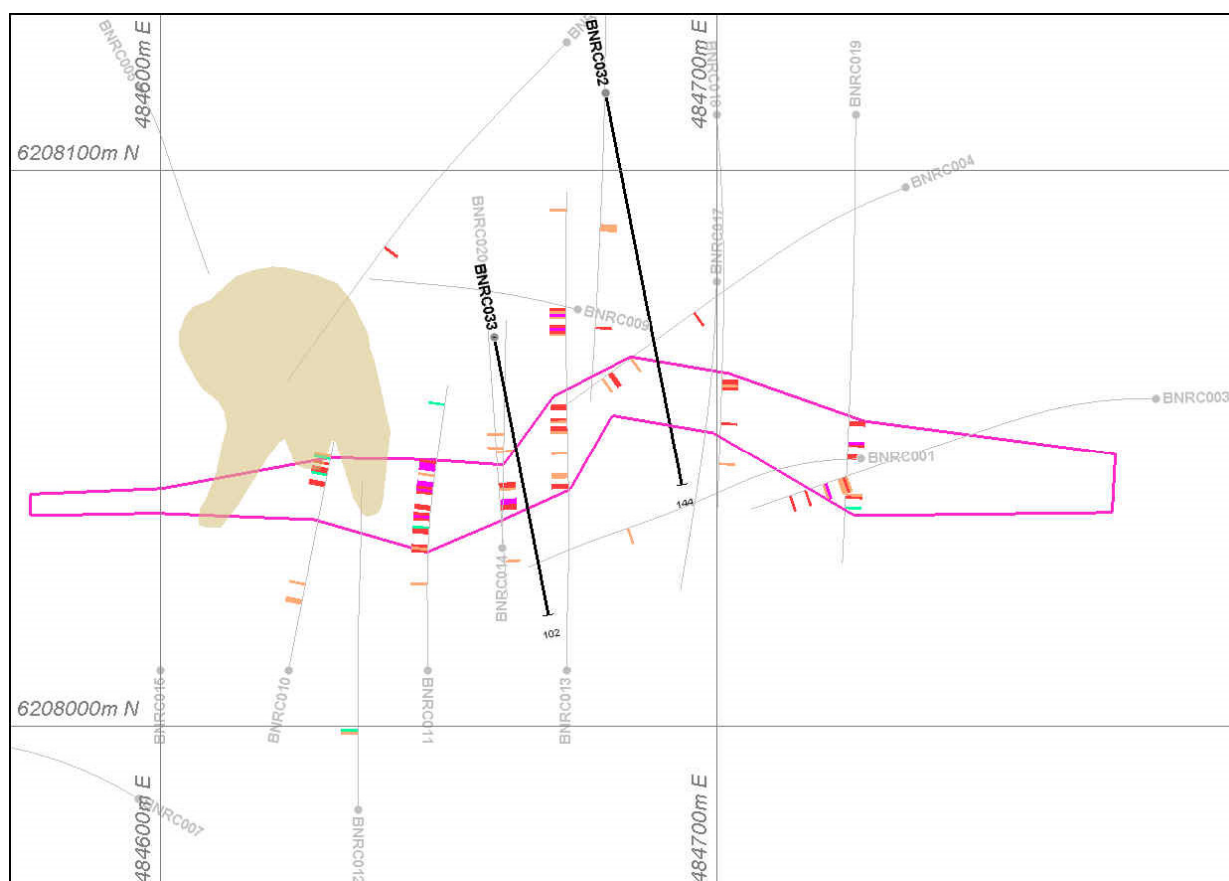


Figure 2: Recent drilling at Byggo North. The old Dumbrell's shallow pit is shown in pale brown. Tin intercepts of greater than 0.5% Sn are shown on the drill traces of previous holes. The Main Greisen is outlined in pink.

JORC Code, 2012 Edition – Table 1 report

Section 1 Sampling Techniques and Data

Criteria	Commentary
Sampling techniques	1m intervals were bagged as they were returned from drilling. A three tier hand held riffle splitter was then used to procure laboratory samples in calico bags.
Drilling techniques	Holes were all collared and drilled reverse circulation (RC). Drilling was carried out by Australian Mineral & Waterwell Drilling Pty Ltd.
Drill sample recovery	Recoveries are estimated at 60-100%.
Logging	All holes were logged for geology.
Sub-sampling techniques and sample preparation	No sub-sampling was carried out.
Quality of assay data and laboratory tests	Duplicates and standards were submitted along with the samples. Initial assessment indicates good quality. Samples were dried and pulverized to <75 microns at SGS laboratories in West Wyalong and dispatched for assay to SGS laboratories at Perth Airport. The assay method was XRF78S, where the samples are fused to a glass bead using a lithium metaborate/tetraborate flux

Criteria	Commentary
	and irradiated by XRF. Metallurgical analysis was carried out by ALS at Burnie and the information quoted in the report above is from a preliminary testing summary. Full details are expected to be included in a final report.
<i>Verification of sampling and assaying</i>	No independent verification has been carried out.
<i>Location of data points</i>	Drill hole location was by hand held GPS; errors estimated to be less than 5m.
<i>Data spacing and distribution</i>	The data spacing is irregular.
<i>Orientation of data in relation to structure</i>	All holes were drilled at a 60 degree dip testing a model of steeply dipping veins and greisen.
<i>Sample security</i>	No particular security measures were taken.
<i>Audits or reviews</i>	No independent audit or review undertaken as this was not thought to be required at this stage.

Section 2 Reporting of Exploration Results

Criteria	Commentary
<i>Mineral tenement and land tenure status</i>	All drill holes reported occur within NSW Exploration Licence EL 8260 held by Riverston Tin Pty Ltd, wholly owned by Thomson Resources Ltd.
<i>Exploration by other parties</i>	Historic drilling was detailed in Thomson's announcement of April 10, 2015.
<i>Geology</i>	Geology is described in the body of the release.
<i>Drill hole Information</i>	Drill holes are listed in Table1 and shown on Figures 1 and 2. RL (reduced level) elevation above the Australian Height Datum was calculated by matching hand held GPS RLs to NSW land contour information and NASA shuttle radar topography mission (SRTM) data, supported by more recent Differential GPS.
<i>Data aggregation methods</i>	Data has not been aggregated.
<i>Relationship between mineralisation widths and intercept lengths</i>	All widths quoted are downhole widths. Assessment of true width is ongoing as part of the modelling exercise. Greisen zones appear to be between 5 to 15m true width in the current model.
<i>Diagrams</i>	Plan views are provided.
<i>Balanced reporting</i>	All drilling carried out is tabulated and shown.
<i>Other substantive exploration data</i>	No significant exploration data has been omitted.
<i>Further work</i>	Modelling is continuing and further drilling is being planned.