

# ASX Release

5 March 2018



## Successful round of drilling completed at the Bygoo tin project

Thomson Resources is pleased to announce that a new drilling program has been completed on its Bygoo tin project near Ardlethan, NSW, as flagged in the recent quarterly report. Drilling took place at the main Bygoo North project, as well as at the Bald Hill tin prospect and the Harry Smith gold prospect.

Twelve holes for 1104m were drilled at Bygoo North to confirm an evolving mineralisation model and extend the mineralisation along strike and at depth. Greisen-type alteration, potentially carrying tin mineralisation, was logged in all holes. 350 samples from individual metres have been submitted for laboratory assay.

Three holes for 170m were drilled at the historic "Maratholi" workings in the southern part of the Bald Hill tin field, 12km south of Ardlethan and on EL 8260, the same EL as the Bygoo prospects north of Ardlethan. Silica-rich greisen alteration was logged in all holes and 77 samples were selected for laboratory analysis.

Five holes for 558m were drilled at the Harry Smith gold prospect near Grong Grong, NSW on EL 8531. Multiple quartz veins were encountered in all holes, hosted by Ordovician shale and sandstone. Gold in the nearby historic workings is associated with quartz veining. 424 drill samples were taken for assay.

All samples have been submitted for laboratory assay with results expected in early April.



**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 – New drilling**

Hole	Prospect	MGA_E	MGA_N	RL	Dip	MGA_Az	Depth
BHRC01	Bald Hill	484888	6189245	240	-60	101	60
BHRC02	Bald Hill	484895	6189280	240	-60	101	54
BHRC03	Bald Hill	484907	6189310	240	-60	121	56
BNRC42	Bygoo N	484633	6208142	250	-55	180	54
BNRC43	Bygoo N	484616	6208157	252	-55	180	36
BNRC44	Bygoo N	484631	6208158	250	-55	180	48
BNRC45	Bygoo N	484658	6208123	250	-55	180	162
BNRC46	Bygoo N	484632	6208166	250	-75	0	84
BNRC47	Bygoo N	484725	6208126	250	-60	180	150
BNRC48	Bygoo N	484629	6208187	250	-55	180	72
BNRC49	Bygoo N	484656	6208172	250	-55	180	72
BNRC50	Bygoo N	484710	6207970	250	-60	0	168
BNRC51	Bygoo N	484650	6208092	250	-60	300	48
BNRC52	Bygoo N	484620	6208000	250	-60	0	120
BNRC53	Bygoo N	484648	6208025	250	-60	0	90
HSRC01	Harry Smith	480310	6170798	194	-55	245	84
HSRC02	Harry Smith	480310	6170823	192	-60	245	150
HSRC03	Harry Smith	480200	6171040	190	-60	220	138
HSRC04	Harry Smith	480140	6171050	188	-60	220	102
HSRC05	Harry Smith	480111	6171078	187	-60	220	84

Co-ordinates are in Map Grid of Australia (MGA), Zone 55. Az = bearing of hole in degrees.

### **Bygoo Tin Project**

The Bygoo Tin Project was acquired by Thomson Resources in 2015 and lies on the 100% owned EL 8260. The EL surrounds the major tin deposit at Ardlethan which was mined until 1986, with over 31,500 tonnes of tin being produced (*reference Paterson, R.G., 1990, Ardlethan tin deposits in the Australasian Institute of Mining and Metallurgy Monograph no. 14, pages 1357-1364*). There are several early-twentieth century shallow tin workings scattered up to 10km north and south of Ardlethan, and few have been tested with modern exploration. Thomson has had immediate success in drilling near two of the historic workings, Bygoo North and South, which lie towards the northern end of the tin-bearing Ardlethan Granite, 11km north of the town of Ardlethan.

At Bygoo North Thomson has intersected multiple high-grade tin intersections in a quartz-topaz-cassiterite greisen including 11m at 1.0% Sn (BNRC10), 35m at 2.1% Sn (BNRC11), 11m at 1.4% Sn (BNRC13), 11m at 2.1% Sn (BNRC20) and 29m at 1.0% Sn (BNRC33).

[For further information and the detail of the above see Thomson Resources ASX Releases of 21 November 2016 and 28 June 2017].

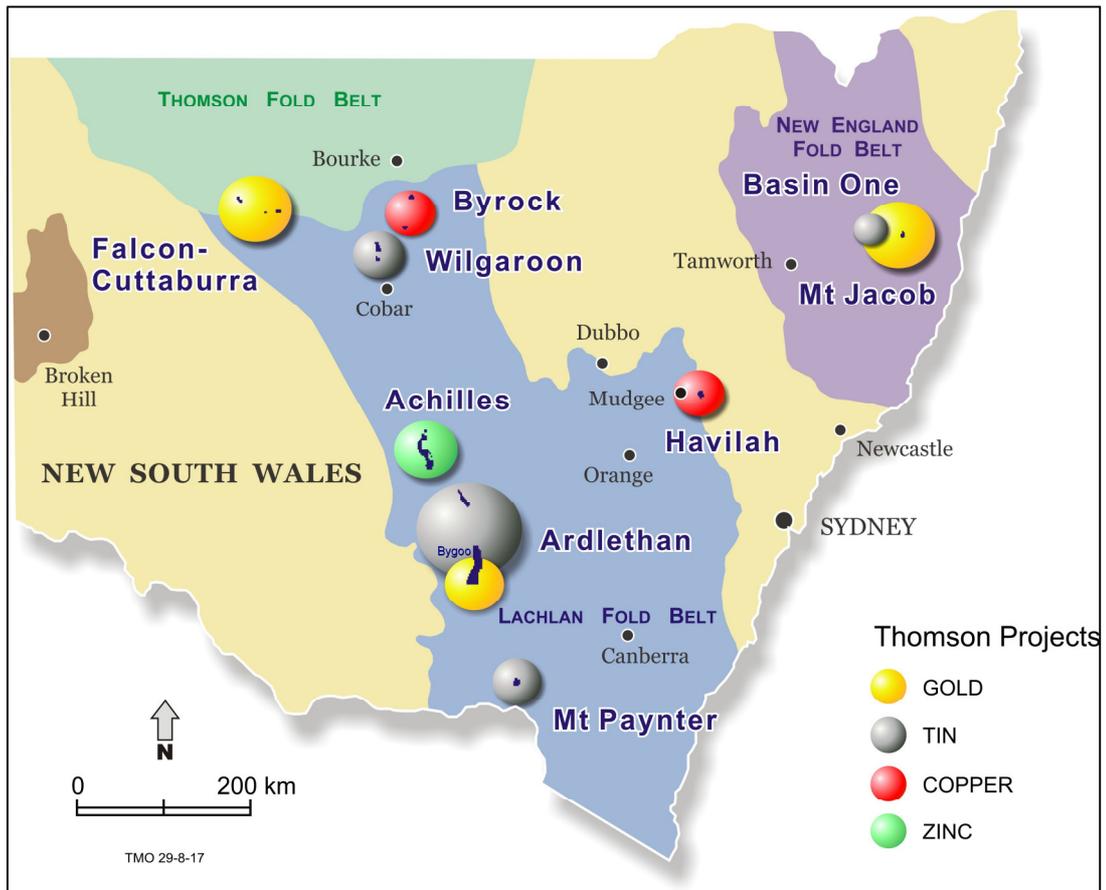


Figure 1. Thomson Projects in NSW. The Bygoo prospect is near Ardlethan, central, NSW.

**JORC Code, 2012 Edition – Table 1 report**  
**Section 1 Sampling Techniques and Data**

Criteria	Commentary
<i>Sampling techniques</i>	Samples were 1m riffle splits.
<i>Drilling techniques</i>	Holes were reverse circulation
<i>Drill sample recovery</i>	Recoveries are estimated at 60-100%.
<i>Logging</i>	All holes were logged for geology.
<i>Sub-sampling techniques and sample preparation</i>	No sub-sampling was carried out.
<i>Quality of assay data and laboratory tests</i>	Duplicates and standards have been submitted along with the samples.
<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 are expected to be in the range 3-7m. DGPS data was collected later and hole locations will be updated in the final results release.
<i>Data spacing and</i>	The data spacing is irregular.

Criteria	Commentary
<i>distribution</i>	
<i>Orientation of data in relation to structure</i>	Most holes were drilled at 60 degrees testing a model of steeply dipping veins and greisen, with a few at shallower or steeper dips for specific targets.
<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, or EL 8531 held by Thomson. Both EIs are subject to the Bei Sur Joint Venture (see announcement of 16 October 2017).
<i>Exploration done by other parties</i>	None is relevant to the announcement
<i>Geology</i>	Geology is described in the body of the release.
<i>Drill hole Information</i>	Drill holes are listed in Table 1
<i>Data aggregation methods</i>	No aggregation has been employed. Results are not available.
<i>Relationship between mineralisation widths and intercept lengths</i>	Results are not yet available.
<i>Diagrams</i>	No diagrams have yet been compiled.
<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>	Data compilation is planned in conjunction with the receipt of assay results.