

Thomson Resources – Tin Projects

Presentation at NSW Trade and Investment Centre: 7 October, 2014



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Competent Person Statement

The information in this report that relates to 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.













- The Wagga Tin Belt Granites
 –numerous tin occurrences
- Biggest deposit Ardlethan with 35,000 tonnes of tin produced.
- Wilgaroon 20km northeast of the Endeavor mine near Cobar
- Hosted in the Ordovician Lachlan Fold Belt
- similar age to Ardlethan's
 410 +/- 2 .5 Ma: Wilgaroon
 dated at 408 +/- 16Ma.





- Wilgaroon Granite Highly evolved geochemistry among the Wagga Tin Granites – similar to Ardlethan Mine Granite
- Both S-type granites with high Rb, low Sr, TiO2; similar tin chemistry also
- Only one previous hole, 1996; 1km outboard of granite - 250m of tintungsten alteration and veing - including best assays of 2.5% Sn, 1.4% W, 0.1% Cu, and 0.2g/t Au.





- Drill hole 1km away from granite: only small felsic porphyrys intersected, intruding sediments
- Granite shows up as magnetic low
- The magnetic high probably due to disseminated pyrrhotite







- Recently flown VTEM image superimposed on magnetics
- Granite shows up as conductivity low purple and blue colours
- Low under magnetic high indicates possible granite extension with mineralised potential











Positive Investment Strategy

- New Frontier greenfields exploration
- Experienced and skilled board and management team
- Discovery record IRG field discovered under cover
- Strong portfolio in NSW; a relatively underexplored state
- Significant tin projects: drill targets defined
- No debt; tightly held stock





SLIDE NOTES

- Slide 1: Cover Photo the Thomson area in northwest NSW
- Slide 2: Disclaimer please read when you have time
- Slide 3: Thomson Projects in NSW. Thomson has discovered gold systems in NW NSW and picked up projects with copper potential near Byrock and Mudgee. A recent VTEM survey has picked has picked up strong conductive anomalies in each of the latter two indicating copper potential. Many of the projects also have tin potential e.g. the Mt Jacob area near Kempsey which is primarily a gold play.
- Slide 4: The Mt Jacob Intrusion Related Gold System. A 3km thermal anomaly (growth of the mineral biotite) encloses a semicircular magnetic anomaly (growth of the iron sulphide mineral pyrrhotite) and a 1km long surface gold anomaly in soil and rock. Scattered around that are tin and copper skarns. All of the above are thought to relate to an as yet unseen granitic intrusion which has potential to host an intrusion-Related Gold deposit.
- Slide 5: Schematic section to illustrate the relationships. There are two mineralised horizons dipping to the left the tin-copper skarn at Basin one, and below that a gold bearing conglomerate.
- Slide 6: A drill section through the Basin One tin-copper skarn, showing proposed holes to take the deposit to JORC status. Currently Thomson has declared an exploration target for the occurrence. This is 1.8 to 4.9 million tonnes with grades of between 0.1%-0.2% Sn and 0.25%-0.5% Cu (between 1,800 and 10,000 tonnes of tin and between 4,500 and 24,000 tonnes of copper). The potential quantity and grade is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.





SLIDE NOTES

- Slide 7: Thomson Projects in NSW (repeat to show location of Wilgaroon and Victory Tin)
- Slide 8: The Wagga Tin Belt granites in NSW. Ardlethan is shown NSW's biggest tin mine which has produced around 35,000 tonnes of tin (worth about \$700 million at \$20,000 per ton of tin).
- Slide 9: A chemical diagram of analyses of the Wagga Tin Belt granites. Ardlethan and Thomson's Wilgaroon are the two most "evolved" highest Rb/Sr ratios and lowest TiO2. That chemistry means high prospectivity for tin mineralisation
- Slide 10: The Wilgaroon area. This is a magnetic image showing the position of the Wilgaroon granite in the light blue colours. A magnetic high to the east is highlighted by a yellow circle this is where the only drill hole on this entire area has been drilled. Straits Resources drilled the hole in 1996 and it intersected sedimentary rocks intruded by small porphyries and veins with 250m of tin-tungsten alteration including best assays of 2.5% Sn, 1.42% W, 0.1% Cu, and 0.2g/t Au. The average assays from 250 to 500m depth were highly anomalous 338ppm Sn and 197 ppm W. Note this hole did not hit the Wilgaroon granite and was drilled 1km away from the inferred granite margin.
- Slide 11: The same image as Slide 10, but with Thomson's recent VTEM survey superimposed. A bit hard to see, but the Wilgaroon granite again shows up as a conductivity low (purple colour) and the survey shows a possible extension of the granite to underneath the magnetic high (again the yellow circle). This places the granite margin much further east than seen in the magnetics and gives us a prime drill target the margin should be a better location to host a deposit.
- Slide 12: Thomson Projects in NSW (repeat to show location of Wilgaroon and Victory Tin)





SLIDE NOTES

Slide 13: Schematic section of the Victory Tin occurrence. The historic Victory Tin workings are small and historically produced about 12 tons of tin and tungsten. These veins may represent a root zone to an eroded greisen. 4km to the south of the old workings, Union Corporation defined a coherent anomaly over an area of 600m x 300m. Tin values up to 3.4% Sn were recorded in stream sediment sampling (many over 0.5% Sn) and up to 0.1% Sn in shallow rotary air blast (RAB) drilling. The RAB follow up was mainly on outcropping granite which was not mineralised - Union Corporation concluded that the source was concealed beneath the Ordovician rocks to the north and closer to the Victory Tin Mine. No exploration has been done in the area since 1981.

Slide 14: Thomson Resources Summary Information.