



# Gold Aura Limited

A.B.N. 75 067 519 779



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## **CROYDON MINERALISATION TYPICAL OF LARGE TIN MINERALISED SYSTEMS SUCH AS THAT AT THE WORLD CLASS RENISON TIN MINE, TASMANIA**

### **KEY POINTS**

- Detailed investigation of the Croydon mineralisation intersected at Anomalies A1 and A2 strongly suggests it is a tin granite-sourced system that has analogies to economic tin deposits in Tasmania and Bolivia.
- The resulting revised mineralisation model further enhances the G1 and G3 gravity anomalies as high priority drill targets.

### **DETAILS**

Detailed investigation of the data generated from exploration at aeromagnetic Anomalies A1 and A2 within the Croydon Zinc Project area, undertaken in conjunction with the CODES Centre of Excellence, University of Tasmania, has established the following;

- The mineralogy is typical of that displayed in granite-associated, economic, tin mineralised systems.
- These systems are characterised by tin/sulphide mineralisation developed within and immediately adjacent to the granite source and the development of separate zones of base metal (+/- gold) mineralisation developed distal to the granite source. Vein systems distal to the granite source commonly contain magnetic pyrrhotite (as at Anomalies A1 and A2).
- Economic tin systems of this type have been mined at the world class Renison Tin Mine in Tasmania (the largest underground tin mine in the world) and at several locations in Bolivia. Base metal resources (particularly zinc) in the Zeehan area of Tasmania are believed to be related to this granite related mineralisation style.
- Anomalies A1 and A2 are associated with low order residual gravity anomalism which is interpreted to be reflecting the presence of the higher density polymetallic veining.
- While previously it had been interpreted that the granite source was at depth below the deepest drill intersection, an alternative interpretation is that the granite source is located laterally to the area drilled. In particular, the high priority residual gravity anomalies (G1 and G3) that lie adjacent to the area drilled may specifically represent high density tin/sulphide mineralised uppermost lobes of the granite source (but not the main granite body which would have an overall negative gravity response) and this forms the basis for the updated mineralisation model (see accompanying updated model).
- Specifically these gravity anomalies are located some 5.0 km to the north-west of Anomaly A2 (G1) and some 4.0 km to the east-south-east of Anomaly A2 (G3).
- Under either interpretation, the gravity anomalies are considered to offer the optimum targets for drill testing.

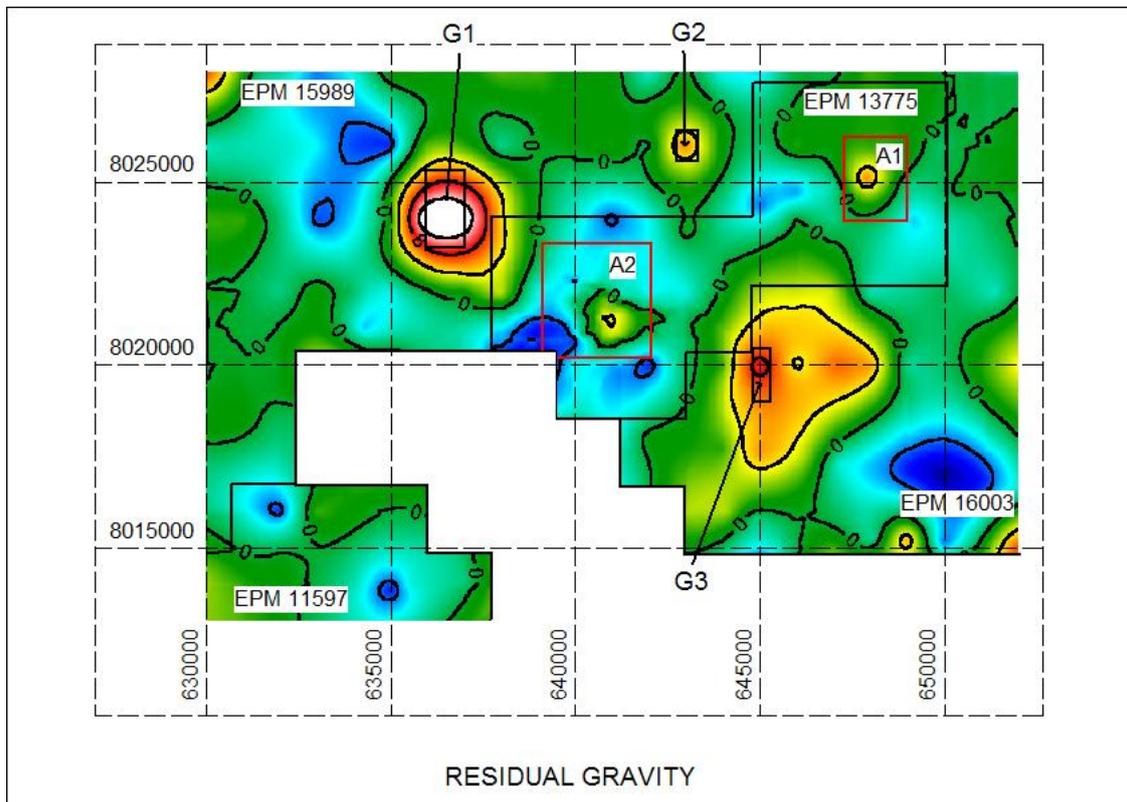
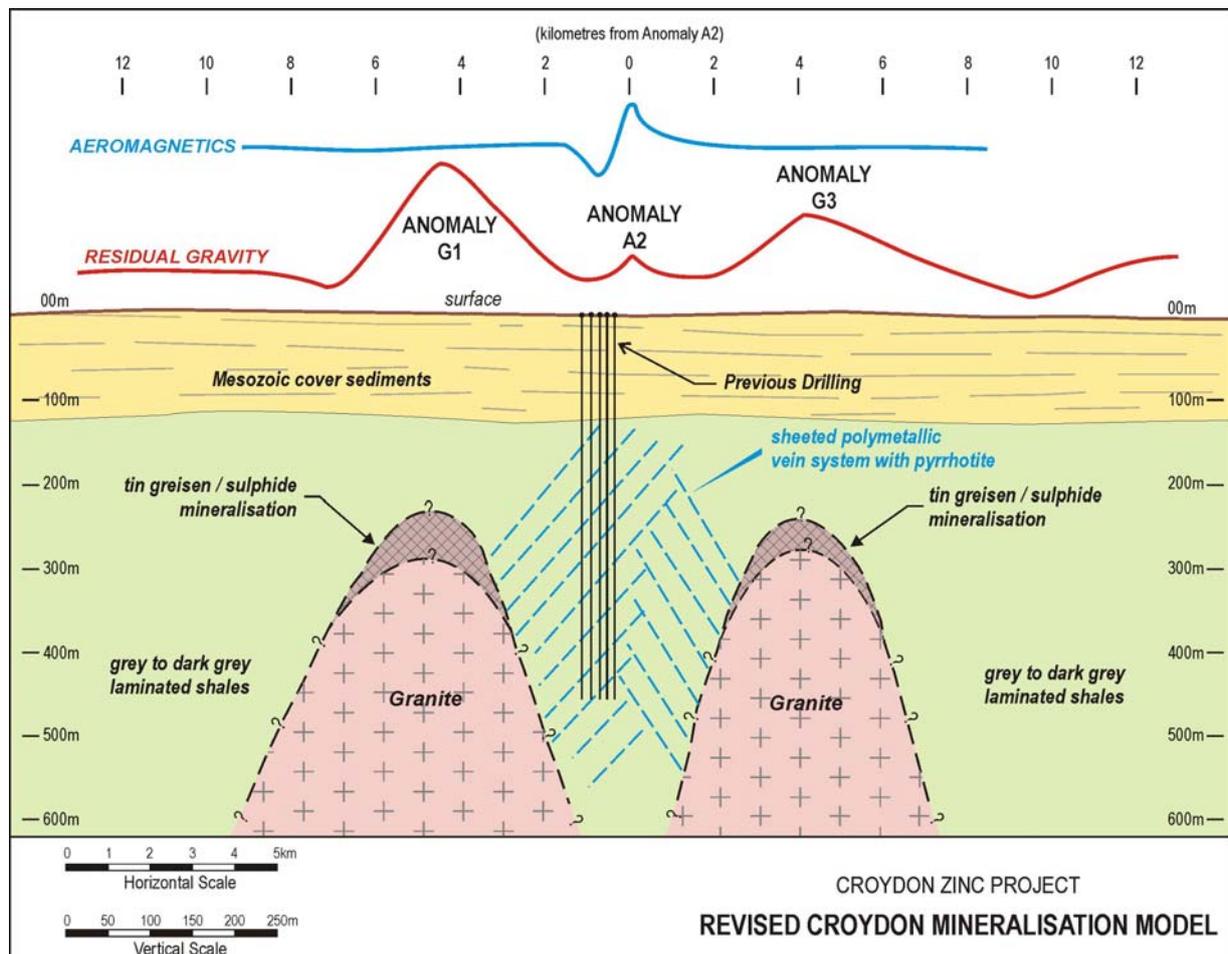


Figure 1: Location of Residual Gravity Anomalies G1, G2 and G3 (Blue areas lowest – yellow-red-white areas progressively higher)



**CROYDON EXPLORATION PROGRAM**

The planned exploration program for the gravity anomalies is as follows;

- Detailed gravity traversing in the G3 anomalous areas to better define the anomalism.
- IP traversing in the G1 and G3 anomalous areas to determine if sulphides are likely to be present as interpreted.
- Drilling of specific selected targets identified within anomalies G1 and G3.

**ABOUT GOLD AURA LIMITED (ASX code GOA)**

GOA's principal activity is the global exploration for world class mineral resources. Its current focus is directed towards follow-up investigations of the polymetallic systems within the Croydon Zinc Project area, North Queensland; the BacTech funded exploration program at Fergusson Island in PNG; and the commencement of exploration at Sao Chico in Brazil.

For further information please contact;

Ken Chapple,

Managing Director

 +61 7 3833 3833  Mb 0418 758 301

or visit Gold Aura's website at [www.goldaura.com.au](http://www.goldaura.com.au).

*The information contained in this report relating to exploration results is based on information compiled by Mr Ken Chapple, Managing Director of Gold Aura Limited. Mr Chapple is a Member of the Australasian Institute of Mining and Metallurgy and has the relevant experience in relation to the mineralisation being reported upon to qualify as a Competent Person as defined in the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Chapple consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*