

## **DRILL TARGETS DEFINED BY GEOPHYSICS AT SALMON GUMS**

- **Salmon Gums electrical geophysics completed**
- **Geophysical anomalies identified, drill testing to commence immediately**
- **Titanic Prospect drilling completed, results pending**

**Triton Gold (ASX: "TON") is pleased to announce that ground electrical geophysical surveys on the 100% owned Lady Penrhyn prospect at the Salmon Gums Project have been completed. Several IP anomalies will be tested by reverse circulation (RC) drilling that is scheduled to commence by month end.**

Zonge Engineering and Research Organization (Australia) P/L completed 28.6 line kilometres of IP (Induced Polarisation) and 28.9 line kilometres of CSAMT (Controlled Source Audio-Frequency Magneto Tellurics) on east-west alternating lines spaced 200m apart - Figures 1 and 2.

The objectives of the survey were to map the sub-surface geology and controls on the anomalous gold intersected in the 2010 drilling, and to locate zones of potential sulphides that may be associated with gold mineralisation.

The IP 'chargeability' response is of most interest as it can reflect possible disseminated sulphide mineralisation, however other minerals can also generate a response that may reflect differing rock types within the underlying basement. Three IP chargeability anomalies ("Targets") are shown in Figure 2.

Target 1 in the north east of the grid area is the highest priority for RC testing and lies immediately west of diamond hole SGDD005 drilled in 2010 that intersected gold to 3.94 g/t in a narrow vein (0.5m wide at 155.5m). The target area includes two anomalies over approximately a one kilometre strike length, immediately south of an east-west dolerite dyke interpreted from aeromagnetics.

Target 2 is approximately 1.8km long, strikes north-south and broadly coincides with a basement magnetic horizon making it a lower priority target for drill testing. Target 3 overlies another east west dolerite dyke and is currently ranked lowest in priority.

The CSAMT technique is used to map the apparent resistivity of the ground and to derive models of geological structures from shallow depths (<50m) to 1-2km below surface depending on ground and survey conditions. Processing and interpretation of the CSAMT data is ongoing.

Reconnaissance drilling at the previously untested Titanic surface gold anomaly (Figure 1) has been completed with initial results pending, and first pass drilling at Borrowdale and Guardian is near completion. The rig will move to Target 1 at Lady Penrhyn in the next few days. The Titanic and Guardian prospects lie within tenements subject to the Tropicana Gold Belt Alliance, an agreement between Teck Australia Pty Ltd. ("Teck") and Triton Gold Limited signed in 2007.

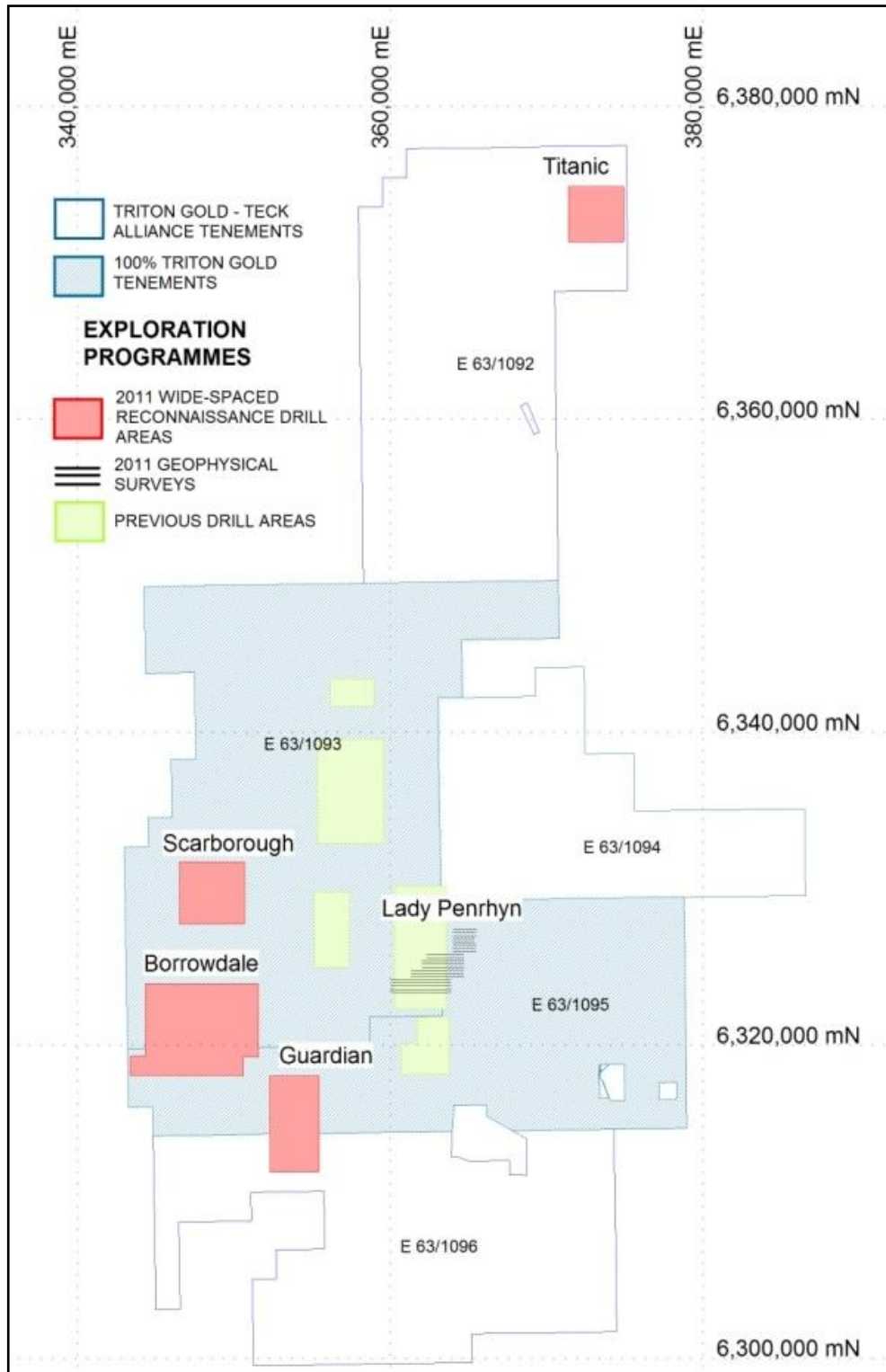


Figure 1. Salmon Gums Project - location of Lady Penrhyn geophysics grid and current drilling programmes.



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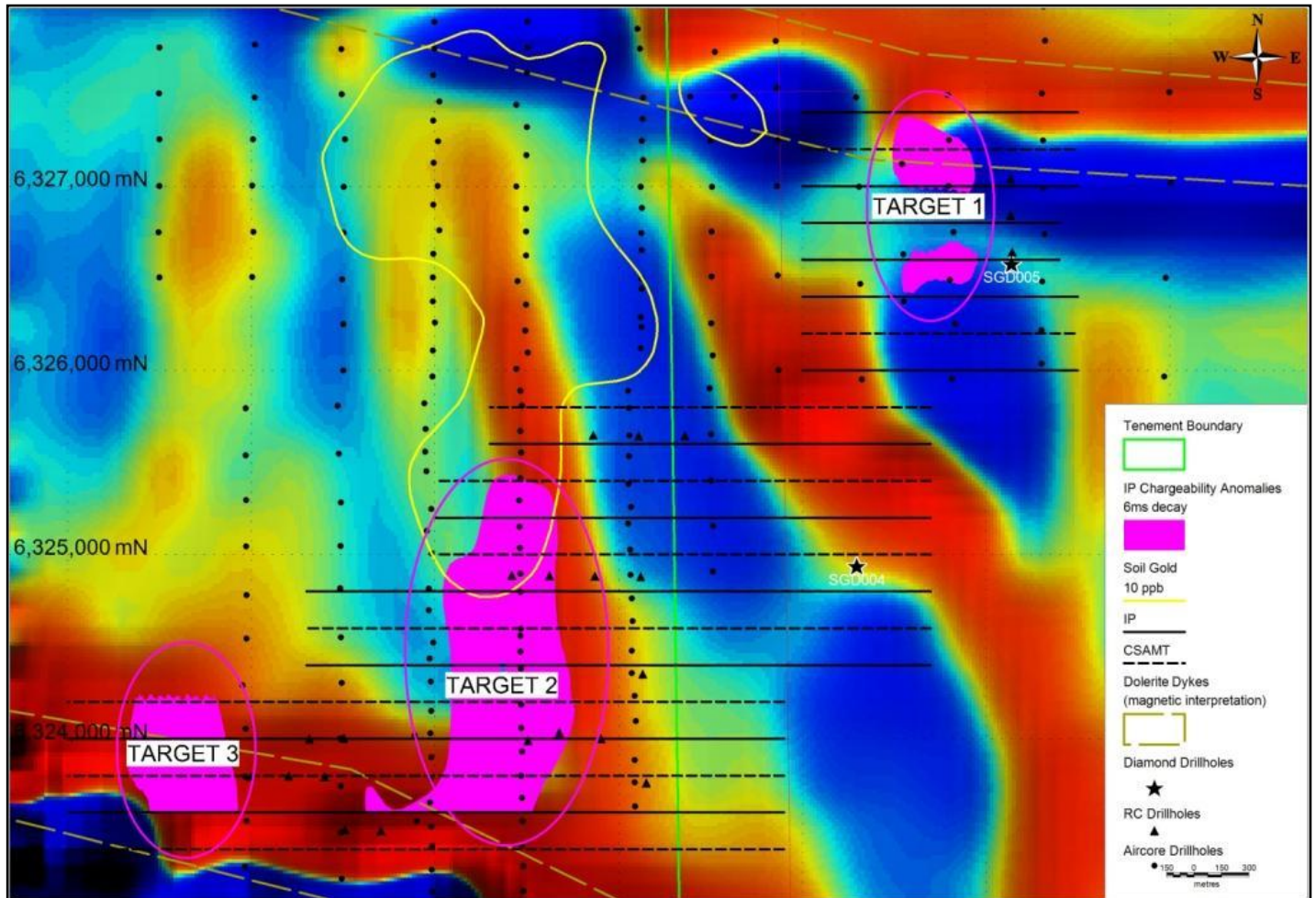


Figure 2. Lady Penrhyn IP chargeability targets on total magnetic intensity image (RTP)

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## Competent Persons Statement

*The information in this report that relates to Exploration Results based on information compiled by Mr Lance Govey, who is a Member of the Australian Institute of Mining and Metallurgy. Mr Govey is the Managing Director and a full-time employee of the company, and has sufficient experience which is relevant to the style of mineralisation under consideration and to the activity which he is undertaking 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 Govey consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

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