

## DRILLING AT MOONBI GOLD TARGET INTERCEPTS SULPHIDES AND CHALLENGER STYLE HOST ROCKS WITH GOLD POTENTIAL

- Sulphides indicative of Challenger-style gold potential intercepted in first five holes drilled at the 4x4 km Moonbi gold target located on Marmota's 100% owned Indooroopilly project
- Strong similarities observed in rocks intercepted to those at the nearby producing Challenger gold mine
- Reverse Circulation drilling at Moonbi target co-funded by SA Government PACE Initiative

### Moonbi prospect (SA)

(Marmota Energy Limited (ASX: MEU) 100%)

Marmota Energy (ASX:MEU) is pleased to announce that sulphides indicative of Challenger-style gold mineralisation have been intercepted in the first holes drilled at Company's 100% owned Moonbi gold target.

### Exploration model

The Moonbi gold target is a magnetic high with coincident gold and copper-in-calcrete anomalies extending over an area of 4km x 4km, open to the south and east. As with the nearby Challenger gold resource and other significant Archaean age lode gold sites in the region, the Moonbi target lies on the edge of a regional-scale gravity high.

The host rock at Challenger is Christie Gneiss comprising of feldspar, quartz, cordierite, garnet and biotite. The high grade gold mineralisation at Challenger is found in combination with disseminated arsenopyrite, loellingite and pyrrhotite, closely related to veins that bear coarse quartz, feldspar, garnet and biotite. The bedrock at Moonbi is similar to that at Challenger and Marmota's drilling shows that the mineralisation style is also similar (see below).

Marmota regards the Moonbi target to have high potential for Challenger-style gold with the Company being awarded collaborative South Australian Government PACE funding for drilling.

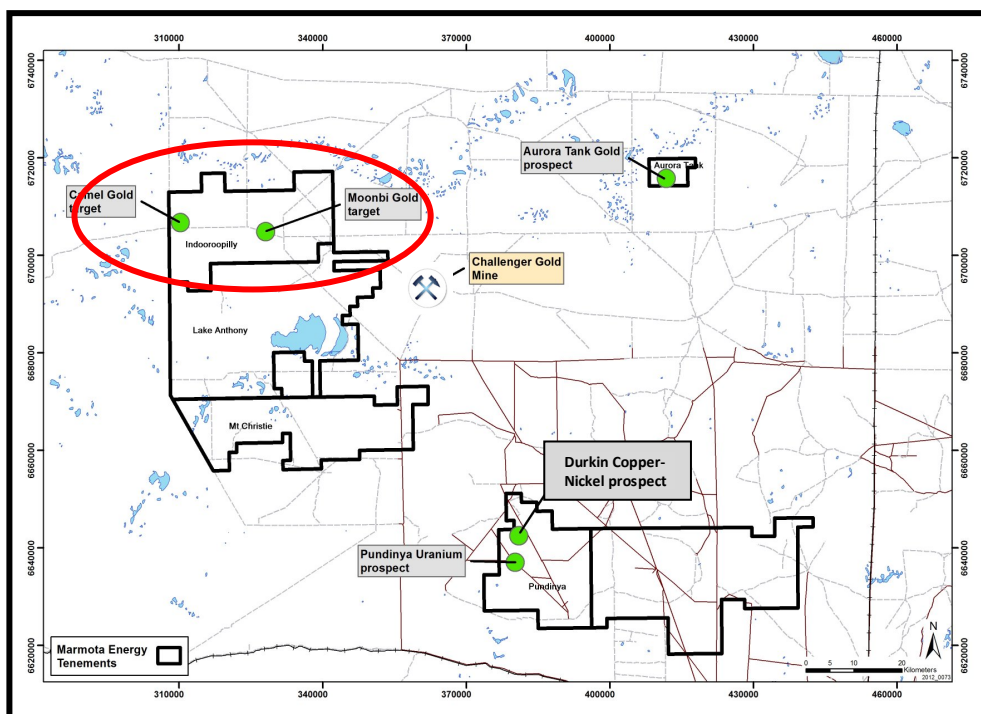


Figure 1: Indooroopilly location map

### RC Drilling program update

The Company's first five vertical Reverse Circulation (RC) drillholes at Moonbi have been advanced to a maximum depth of 162m (MRC001). Lithologies encountered are distinctly Archaean Christie Gneiss, with dominant minerals noted to be similar to those observed at Challenger. Weathered basement rocks occur at very shallow depths, as shallow as 2m below surface in MRC005. Sulphides were encountered at 25m in MRC005 and were present throughout the hole. **Sulphides potentially related to gold mineralisation have been encountered in all five holes.** Preliminary on-site geological observations of the sulphides present identified them to be arsenopyrite and pyrite.

Marmota is very pleased with the results thus far because **the presence of significant levels of arsenopyrite throughout the drill holes is considered to be very encouraging as this is typical of the Challenger ore zone.**

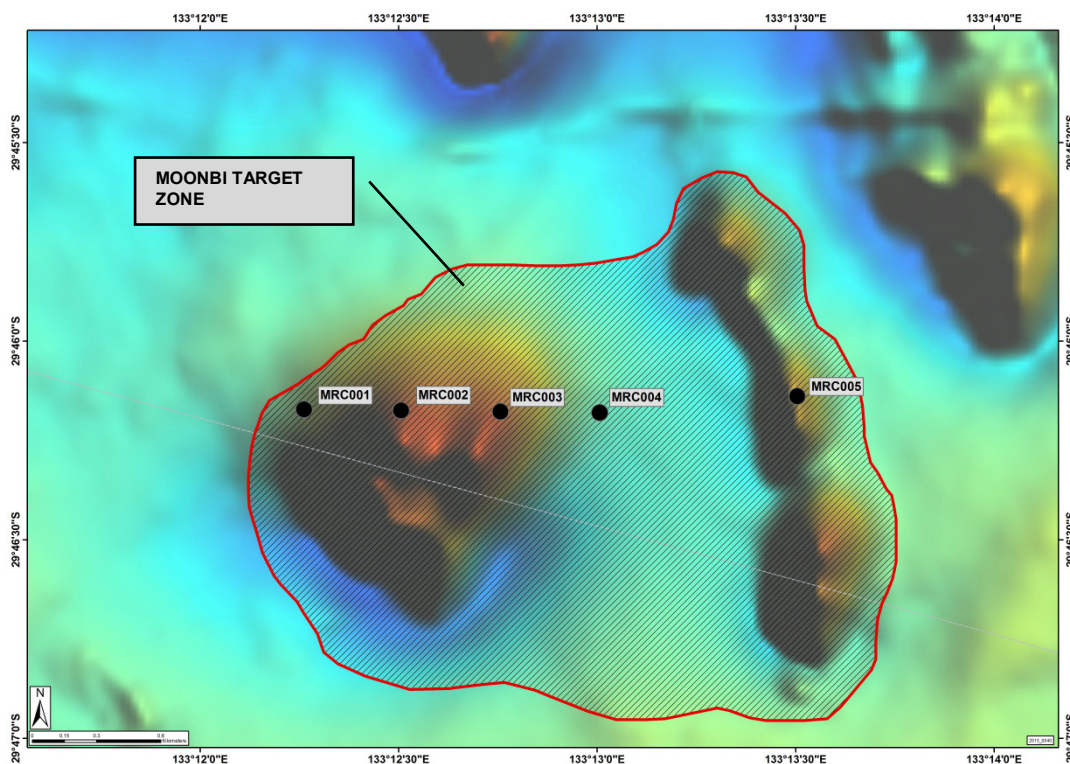


Figure 2: Moonbi target, drill holes that have intercepted sulphides potentially related to gold mineralisation

### Next phase of drilling

Drilling is continuing at Moonbi with the rig moving to the southern end of the target zone to test further shallow features. The program is expected to continue for another week with samples from the drilling to be processed for laboratory assay.

### SA Government collaborative funding awarded to support drilling at Indooroopilly

The project is recognised by Marmota and SA's Department for Manufacturing, Innovation, Trade, Resources and Energy as having high mineralisation potential and an allocation of \$65,000 in funding to assist in drilling has been awarded.

*The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr D J Calandro, who is a Member of the Australian Institute of Geoscientists. Mr Calandro is employed full time by the Company as Managing Director and, has sufficient experience in the style of mineralisation and type of deposit under consideration and qualifies 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 Calandro consents to the inclusion of the information in this report in the form and context in which it appears.*

  
**Dom Calandro**  
**MANAGING DIRECTOR**

16 May 2013

Cautionary Statement: Early stage exploration at the Moonbi prospect is underway, there has been insufficient exploration to define the extent of exploration potential at the target area. Samples from drilling to be submitted for laboratory assay.