

Drill Program under way in Stacpoole Gold Zone

Mantle Mining Corporation Limited (ASX: MNM) ('Mantle' or 'the Company') provides the following update.

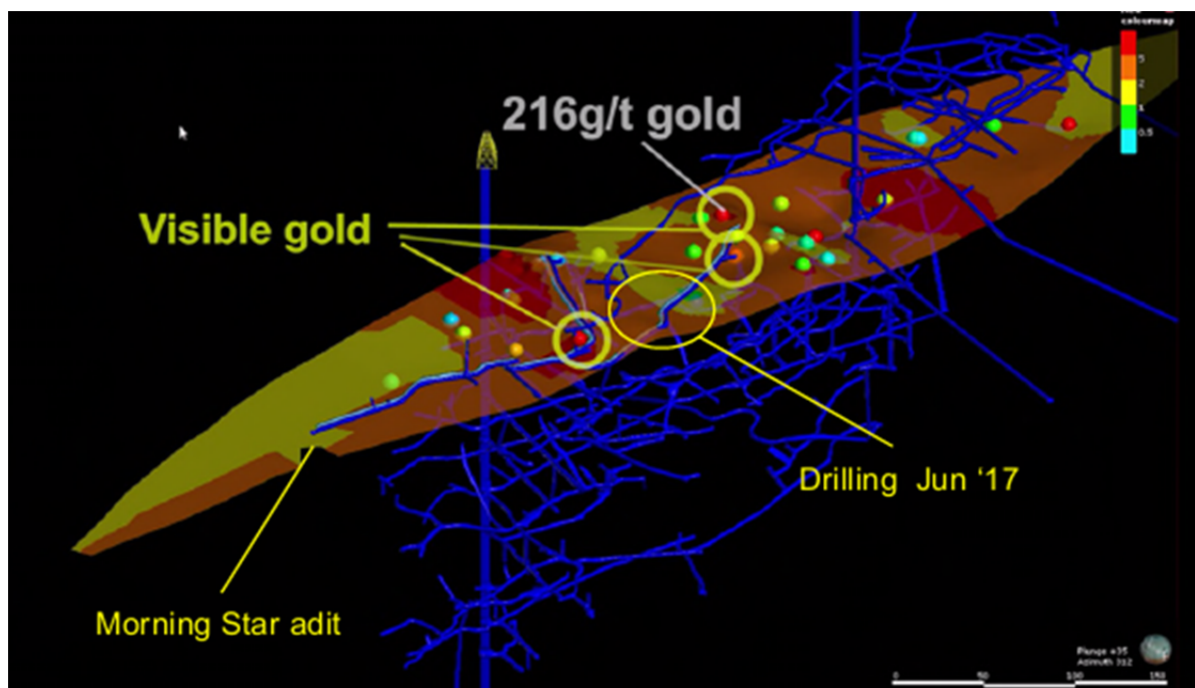
Highlights

- Rehabilitation of the Morning Star adit has been completed ahead of plan, allowing re-entry for diamond drilling.
- Drilling has commenced on the high-grade Stacpoole gold zone, identified as a near surface, untested reef with significant potential - three holes drilled to date.
- In addition, the Company advises that the penultimate payment has been made to Chillee Limited, the prior ranking secured creditor of Morning Star Gold NL ("MCO").

Morning Star Adit Refurbishment

The Morning Star adit has been refurbished allowing safe access for diamond drilling. Diamond drilling will initially consist of drilling on the northern limits of the Morning Star adit (*refer to figure 1.*), with the aim of confirming the location and potential size of the Stacpoole zone between two areas of previous drilling. This drilling will be followed by detailed geological logging and assaying the prospective sections of the recovered diamond drill core. The aim of the program is to identify a sizable block amenable for bulk sampling and trial mining.

Figure 1. Northern component of Morning Star adit being used for a drill platform



Program to date

It is planned to drill approximately 15 vertical holes from the Morning Star adit, and as of 30 May 2017, 3 holes have been drilled totalling 50 metres. Figure 2 shows the drill rig in the Morning Star adit. The drill program may be extended following analysis of results from these 15 holes.

Figure 2. Diamond drilling in the Morning Star adit



Testing of Stacpoole zone

As detailed by an earlier ASX release (refer ASX Release dated 13 February 2017 “**High-grade Stacpoole gold zone at Morning Star**”, referred to below as the “**ASX Release**”), the Stacpoole zone has been identified by a number of previous Morning Star operators as a high priority target, however it has never been fully tested despite having been repeatedly identified as such.

The structural reinterpretation and meticulous historical review undertaken by Mantle and its technical team, which formed the basis for the ASX Release, compiled all the information on the Stacpoole zone over the history of the mine and confirmed that the Stacpoole zone is a highly prospective high-grade gold target that required testing and may well be easily extracted – refer to Figure 1 (an extract from ASX Release).

CEO Tom de Vries says “*The Stacpoole zone is one of a number of targets identified by Dr Valenta and his team. However the Stacpoole zone has the advantage of being near to surface and in close proximity to the Morning Star adit. Progress to date has been excellent with the safe rehabilitation of the Morning Star adit and the introduction of a unique diamond drill rig capable of drilling in the confined spaces of the adit. Early signs from the drilling are promising and the drilling is ongoing*”

Revised Payment Schedule for Morning Star Gold

The Company advises that it has paid in full the penultimate payment due under the revised payment schedule for MCO to Chillee Limited (as detailed in an earlier ASX release dated 29 March 2017).

Competent Persons Statement:

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr Richard Valenta, Non-Executive Director of Mantle Mining Corporation Ltd. Dr Valenta is a Fellow of the Australasian Institute of Mining and Metallurgy and has sufficient experience 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”. Dr Valenta consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

About Mantle Mining:

Mantle is focused on the return to production of the Morning Star mine - **an advanced high-grade gold exploration play, with significant infrastructure, tenement footprint and prospectivity, well positioned for near-term trial mining**

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Disclaimer:

Statements in this document that are forward-looking and involve numerous risk and uncertainties that could cause actual results to differ materially from expected results are based on the Company’s current beliefs and assumptions regarding a large number of factors affecting its business. There can be no assurance that (i) the Company has correctly measured or identified all of the factors affecting its business or their extent or likely impact; (ii) the publicly available information with respect to these factors on which the Company’s analysis is based is complete or accurate; (iii) the Company’s analysis is correct; or (iv) the Company’s strategy, which is based in part on this analysis, will be successful.