



NORTON GOLD BULK SAMPLING PROGRAM COMPLETED

ASX ANNOUNCEMENT

24 MAY 2016

Mantle Mining Corporation Limited (ASX: MNM, MNMOB and MNMOC) ('Mantle' or 'the Company') is pleased to advise that the bulk sampling program at the Norton Gold Mine has been completed. This consisted of:

- Four more bulk samples totalling approximately 36 tonnes were taken from Frampton Shear, Chandler Shear, High Grade Stockpile and Low Grade Stockpile.
- Each of these bulk samples was crushed, screened and bagged on site to produce 3 size fractions for each, those being -75mm+25mm, -25mm+8mm and -8mm fines.
- The 2 largest size fractions have been sent for Ore Sorting at Steinert in Melbourne with the 3rd finer fraction dispatched directly to Gekko Systems (Gekko) in Ballarat for general process testing.

The definitive Final Testing Phase and Equipment Design Phase, currently underway, consist of:

- Further Ore Sorter testing for optimal waste rock removal and high grade ore selection processes,
- Ore Sorted product fractions sent to Gekko for processing and analysis,
- Finalisation of the process Flow Sheet and Equipment Specification,
- Key equipment to be ordered progressively as specifications are set by the testing results,
- Site layout of processing plant confirmed and footings laid ready for plant delivery.

Managing Director Ian Kraemer noted "These are key steps before ramp up to production. An ordered approach ensures de-risked outcomes are appropriately optimised. Mine to Mill equipment specification is a major factor in delivering successful outcomes at Norton. And this is vital in underscoring further growth through our Morning Star gold operations in Victoria. Mantle is poised on becoming a gold producer of note."

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Mantle Mining Corporation Limited is an ASX listed emerging gold miner with projects located in Queensland and Victoria. The Company is undergoing an exciting transformation with a dedicated team of experienced in-house and consultant personnel to become a significant gold producer.

As noted above, the **Norton Project** is well underway with the bulk samples (Figure 1) having arrived in Melbourne and Ballarat on Monday 23rd May 2016 for testing. Site security fencing is about to be installed, the temporary site office will be relocated to its permanent position and a vehicle park up area constructed nearby. This will free up the processing plant site for marking out and equipment footings construction. As progress is achieved, ASX announcements will follow to keep shareholders updated.



Figure 1 – Norton Bulk Sampling - (a) Bulk Sampling Frampton Shear (b) Setting up Crushing and Screening Equipment (c) Bagged Bulk Samples ready to be loaded

Mantle notes that VALMIN Code 2015 Edition became effective on 30 January 2016 and becomes mandatory for all public reporting by members of the AusIMM from 1 July 2016. In preparation for future announcements and in application to previously announced schedules and scoping studies for the Norton and Morning Star Projects, Mantle wishes to advise that Mr Ian Kraemer is Mantle's 'Practitioner' as defined in the 2015 edition of the 'Australasian Code for Public Reporting of Technical Assessments and Valuations of Mineral Assets'. Mr Kraemer, who is a Fellow of the Australasian Institute of Mining and Metallurgy, has sufficient experience relevant to the reporting of Technical Assessment and Valuation of the Mineral Assets at both the Norton and Morning Star Projects.