

27 October 2023

## ROBERTS HILL DRILLING COMMENCES

### HIGHLIGHTS

- Extensive Drilling program totaling 15,000m has commenced
- Program expected to take about 6 weeks
- Assays expected by early 2024
- Significant gold intersections to be followed up with reverse circulation drilling
- Drilling area within 10km of the giant Hemi gold system
- Fully funded from existing cash reserves (\$2.2m)

Mantle Minerals Limited (ASX:MTL) (“the Company”) is pleased to announce that drilling has commenced on the Roberts Hill tenement. The program is expected to take about 6 weeks to complete, and assays are expected by the end of January 2024.

The Company developed the proposed drilling program following an in-depth analysis of the geological, geochemical and geophysical aspects of both Roberts Hill and Mt Berghaus spanning 6 months. The work indicated the potential connection between the geology of Robert’s Hill and Hemi, including its satellite deposits (Figure 1). Most importantly, the geophysical data suggests that the stratigraphy of Robert’s Hill may be exhibiting a north-south trend and could connect with the stratigraphy that forms the Hemi gold trend.



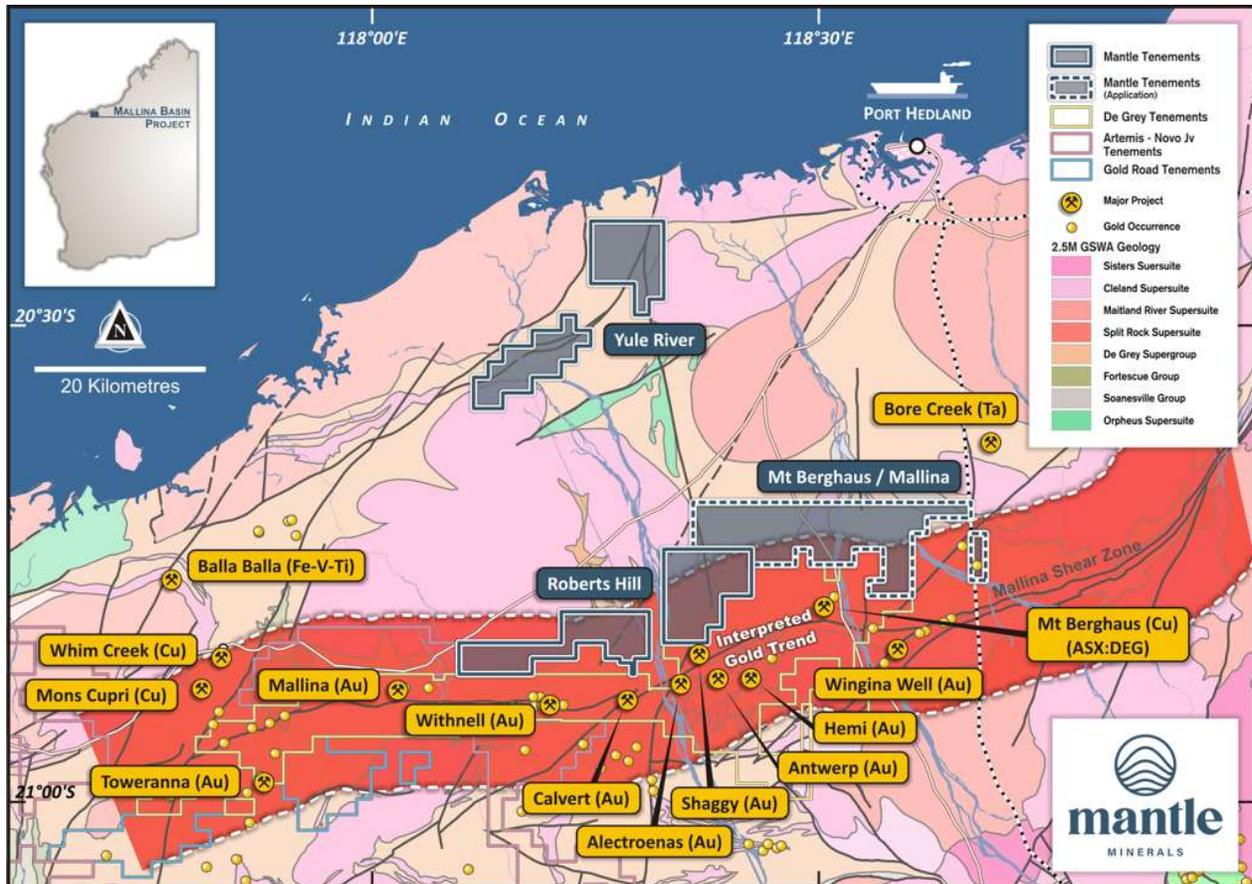
Figure 1. Drill Rig at Roberts Hill

## Background

The Hemi deposit lies at the heart of De Grey's 10.6M Oz gold mineralisation system immediately to the south of Mantle's Roberts Hill tenements. Mantle is exploring for extensions of this system at Roberts Hill.

The Roberts Hill project is located within an interpreted gold trend extending from Whim Creek and Toweranna gold mines eastwards through Hemi and potentially beyond. The area is easily accessed by 45 minutes' drive southwest of Port Hedland along the Great Northern Highway (Figure 2).

Figure 2. Project location map and proximity to the interpreted gold trend



This announcement has been authorised for release by the Mantle Minerals Limited Board of Directors.

### For Further Information, please contact:

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