

RC DRILLING COMPLETED AT MOUNT BERGHAUS & ROBERTS HILL

Located north and proximal to the 10.5m ounce HEMI deposit (ASX: DEG)

Highlights

- **RC Drilling Program testing for 'Hemi-Style' intrusive systems below oxidised aircore gold intersections from aircore drilling**
- **Maiden RC drilling commissioned at Mt Berghaus and Roberts Hill using same evaluation methods as De Grey Mining Limited (ASX:DEG)**
- **11 RC holes drilled totalling 1,854m**
- **Results expected November 2024**

Mantle Minerals Limited (**ASX:MTL**) ("Mantle") ("the Company") is pleased to advise that the first deep reverse circulation drilling programme at Roberts Hill (E47/3846) and Mount Berghaus (E45/5899) is complete.

The Company completed eleven holes summarised in table 1. The program was designed to test gold mineralisation from earlier aircore drilling results, many of which contain over 0.5 grams/tonne gold in basement rocks (Table 2).

These intersections are located within oxidized and semi-oxidized rocks. Many gold deposits in the area were discovered with RC drilling below underneath similar aircore intersections, as gold mineralisation was depleted within the oxidized zone and deeper drilling intersected more gold in the fresh basement rocks below.

Tenement	Prospect	HoleID	Easting	Northing	Depth	Dip	Azimuth
E45/5899	MB	MMRC0001	652807	7705966	168	-60	45
E45/5899	MB	MMRC0002	652869	7706042	174	-60	45
E45/5899	MB	MMRC0003	653620	7707236	156	-60	135
E45/5899	MB	MMRC0004	653511	7707344	150	-60	135
E45/5899	MB	MMRC0005	653165	7707688	170	-60	135
E45/5899	MB	MMRC0006	648755	7708593	200	-60	135
E47/3846	RH	MMRC0007	641644	7698532	36	-60	135
E47/3846	RH	MMRC0008	634192	7698030	200	-60	90
E47/3846	RH	MMRC0009	633883	7698004	200	-60	90
E47/3846	RH	MMRC0010	634205	7698257	200	-60	90
E47/3846	RH	MMRC0011	633922	7698227	200	-60	90

Table 1: Drill Locations and Depth

The Company is pleased that the majority of holes were drilled to a planned depth of 200m and expects to announce the results November.

	Hole ID	Total depth (m)	Depth From (m)	Depth To (m)	Interval Width (m)	Gold g/t
Mt Berghaus	MMAC 209	56	48	52	4	0.758
Mt Berghaus	MMAC 215	78	76	78	2	0.572
Mt Berghaus	MMAC 217	99	32	36	4	0.692
Mt Berghaus	MMAC 218	116	40	44	4	3.57
Roberts Hill	MMAC 76	69	63	64	1	0.700

Table 2: Intersections Over 0.5 g/t Au from aircore drilling at Mt Berghaus and Roberts Hill (References Page 3)

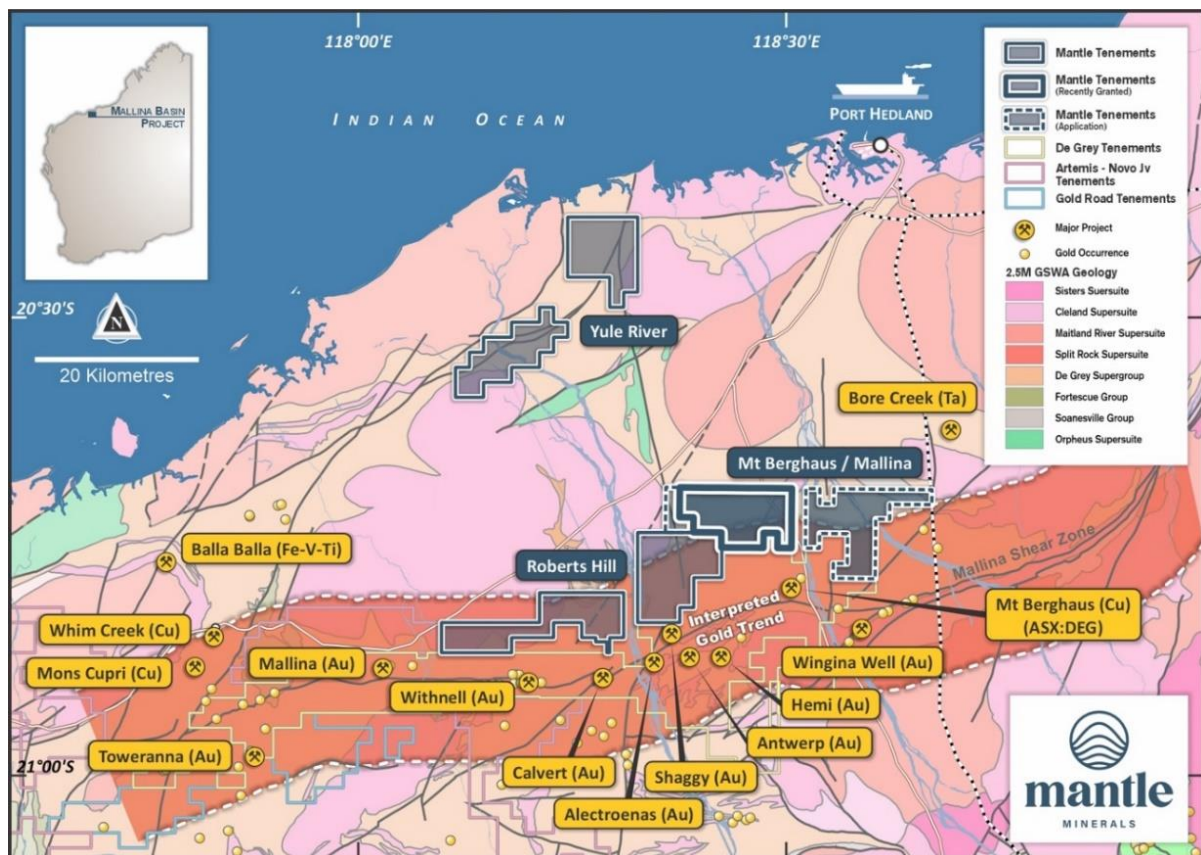


Figure 2: Roberts Hill and Mount Berghaus exploration tenements

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

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Competent Person Statement

The information within this announcement that relates to Exploration Results and Geological data at the Mt Berghaus and Roberts Hill Projects are based on information compiled by Mr. Chris Storey and is subject to the individual consents and attributions provided in the original market announcements and reports referred to in the text of this announcement. Mr. Storey is not aware of any other new information or data that materially affects the information included in the original market announcements or reports referred, and that all material assumptions and technical parameters have not materially changed.

Mr. Storey is a consultant to the Company and he has sufficient experience relevant to the styles of mineralisation and types of deposits under consideration and to the activities currently being undertaken to qualify as a Competent Person(s) as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results Mineral Resources and Ore Reserves and he consents to the inclusion of the above information in the form and context in which it appears in this report.

Forward-Looking Statement Disclaimer

This announcement contains forward-looking statements that involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions, or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions, and strategies described in this announcement. No obligation is assumed to update forward-looking statements if these beliefs, opinions, and estimates should change or to reflect other future developments.

References

For more information on the results disclosed in Table 2, please refer to the Company's ASX Announcements:

11 June 2024	Mount Berghaus Gold Results
14 February 2024	Roberts Hill Drill Results
25 January 2022	Anomalous Gold Intersected at Roberts Hill

Hemi Gold Deposit

The Hemi Gold Mineral Resource was last updated by De Grey Mining Limited (ASX: DEG) on 21 November 2023. The estimate is for 255Mt @ 1.3g/t Au for 10.5Moz, which can be broken down into 166Mt @ 1.3g/t Au Indicated for 6.9 Moz, and 89Mt @ 1.3g/t Au for 3.6 Moz Inferred.

The Company confirms that it is not aware of any new information or data that materially affects the information included in De Grey's reported Mineral Resources referenced in this market announcement. To the Company's full knowledge all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed.