

ASX Release  
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## MANTLE MINING CORPORATION LIMITED

[www.mantlemining.com](http://www.mantlemining.com)

### Granite Castle Gold Deposit

### Excellent Results - Better Than Expected

Mantle Mining Corporation Limited (ASX: MNM), is pleased to report that it has received initial assay results from the drill program conducted at its Granite Castle Gold Deposit in the June Quarter. The results are above expectations, and the better intersections are presented below.

Hole Number	Down Hole Depth	Down Hole Interval Length	Gold Grade (g/t Au)	Silver Grade (g/t Ag)	Total Grade (g/t Au Equiv.)
<b>504</b>	from 45m	<b>5m</b>	3.08	98.5	<b>4.9</b>
<b>505</b>	from 51m	<b>3m</b>	6.26	313.6	<b>12.0</b>
<b>507</b>	from 47m	<b>8m</b>	2.08	65.3	<b>3.3</b>
<b>508</b>	from 65m	<b>3m</b>	3.92	93.0	<b>5.6</b>
509	from 52m	<b>3m</b>	1.99	40.8	<b>2.7</b>
510	from 84m	<b>2m</b>	2.84	58.3	<b>3.9</b>
511	from 69m	<b>3m</b>	1.59	42.5	<b>2.4</b>
512	from 84m	<b>2m</b>	3.93	42.3	<b>4.7</b>
513	from 98m	<b>1m</b>	1.61	6.3	<b>1.7</b>
514	from 65m	<b>2m</b>	2.25	4.8	<b>2.3</b>
<b>514</b>	from 97m	<b>5m</b>	8.64	132.2	<b>11.0</b>
<b>516</b>	from 125m	<b>7m</b>	3.48	79.7	<b>4.9</b>
518	from 105m	<b>2m</b>	2.16	98.0	<b>3.9</b>
<b>519</b>	from 134m	<b>2m</b>	3.91	84.8	<b>5.5</b>
<b>520</b>	from 98m	<b>5m</b>	2.49	102.6	<b>4.4</b>

\* AuEquiv: 1gAu = 55gAg

All results are from RC samples, where the holes were drilled at an inclination of 60 degrees into vertical/sub-vertical target zones. Holes were drilled dry and the results are uncut. The better holes are in bold. All holes for which we have results are shown.

The Granite Castle project lies about 165km west of Charters Towers, with gold mineralisation hosted in a number of lodes in the form of sheer zones scattered over an area that is a couple of kilometres square. The outcropping Granite Castle lode (reported above) extends for about 1.2km at the surface. The drill program was intended to confirm previous drill results (dating from the mid-90s), demonstrate additional depth of mineralisation and demonstrate additional strike of mineralisation. Subject to receipt of final assays and interpretation, these results are very positive steps in the direction of successfully delivering on those objectives.

Managing Director Stephen de Belle today said: "These results are extremely encouraging – both as to grade and interval lengths. I look forward to the next round of results – due in two or three weeks – and to implementation of our follow-up drill program. There are numerous targets in the immediate vicinity that offer the potential of significantly increased tonnage and we'll get moving on these in order to enable proper scoping of the scale of the prospective development at Granite Castle."

"Some of the assays that are yet to be received are from diamond drilling core samples, and these samples will also be used for metallurgical work for the development studies, so we hope for minimal delay with progressing this opportunity," Mr de Belle said.

The information in this report that relates to Exploration Results is based on information compiled by Mr P Anderton, a Director of the Company. Mr Anderton is a Member of the Australasian Institute of Mining and Metallurgy (Aus I M M). Mr Anderton has sufficient experience which is 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 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Anderton 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 Mining successfully completed its IPO in November 2006 with a \$4m capital raising.

The company has:

- **Two Advanced Gold Projects in Queensland**
  - **Great Britain Deposit**
  - **Granite Castle Deposit**
- **Highly gold prospective ground in Eastern Victoria**
- **Highly prospective uranium ground in Queensland**

Mantle Mining has assembled a high quality suite of projects, largely to the west of the historic mining precincts of Charters Towers, where the Granite Castle and Great Britain deposits contain combined JORC standard inferred resources of 290,000 oz Au. Additionally, highly prospective ground covering a six kilometre gold anomalous corridor (with rock chip values to 42gm/t Au) along a major structure has been secured in Eastern Victoria.

For further information  
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