



ASX Announcement

18 February 2011

About Artemis Resources

Artemis Resources is an ASX-listed mineral exploration company with a focus on gold.

Key Projects

Gold

Mt Clement (WA)
Yandal (WA)

Rare Metals

Yangibana (WA)
Buchanan's Creek (QLD)

Uranium

Mundong Well (WA)
TAG II/IV (Niger, Africa)

Artemis' corporate strategy is to maximise shareholder returns through a combination of exploration success and quality project acquisition.

Gold forms a central platform for the Company's growth strategy.

Australian Securities Exchange

Code: ARV
Options: ARVOB

Artemis Contact

David W. Price
Executive General Manager
Tel: +61 2 9299 8820

www.artemisresources.com.au

Media Contact

David Brook
Professional Public Relations
Tel: +61 8 9388 0944
Mob: +61 (0) 415 096 804

Artemis Commences Drilling at Yandal Gold Project

- Drilling aims to test numerous gold targets and extend known gold mineralisation.
- Significant potential to increase size of gold deposits.
- Located in rich gold belt within 30 km of Bronzewing gold mine.

Australian resources company, Artemis Resources Ltd (**ASX: ARV**) is pleased to announce the commencement of drilling at the 100% owned Yandal Gold Project in Western Australia.

The Yandal Gold Project is situated within the highly productive Yandal gold belt in Western Australia which has produced more than 12 million ounces of gold. The Yandal Project lies 90km south of the Jundee Gold Mine (5.4 million ounces) and 30km north of the Bronzewing Gold Mine (2.3 million ounces) (See figure 1 below).

In 2010 independent mining consultants Southern Geoscience identified 12 gold targets at Yandal. Southern Geoscience concluded that the Yandal Project has a high potential to host gold. The current programme is focused on testing the Lowlands gold target (See figure 2 below).

Drilling by previous explorers has shown the presence of good grades at Lowlands. Intersections from past drilling include:

- 24m at 3.2g/t Au (Hole L89)
- 5m at 10.0g/t Au (Hole L34)
- 8m at 6.3g/t Au (Hole L68)
- 14m at 4.0g/t Au (Hole L24)



The Yandal Project is host to the Lowlands, Slav Well, Forked Stick, 6 Mile Well and International gold deposits, each of which has been drilled by previous explorers. Gold mineralisation remains open at all deposits and the Company considers potential exists to increase the size of these deposits substantially with additional drilling.

The Yandal Project has a strategic location within 30km of a 3mtpa gold mine plant at Navigator Resources' Bronzewing Mine.

The drilling is aimed at extending the known Lowlands gold mineralisation and also to test for repetitions of the Lowlands style gold mineralisation in the vicinity of the Lowlands prospect.

The drill programme will consist of 17 RC holes. One vertical hole to 250m will be drilled through the northeast corner of the deposit to test for stacked lenses in the footwall. Other tested surrounding sites have known gold within the same prospective sheared mafic host unit.

Subject to weather conditions, the drilling programme is expected to be completed by the end of March 2011.

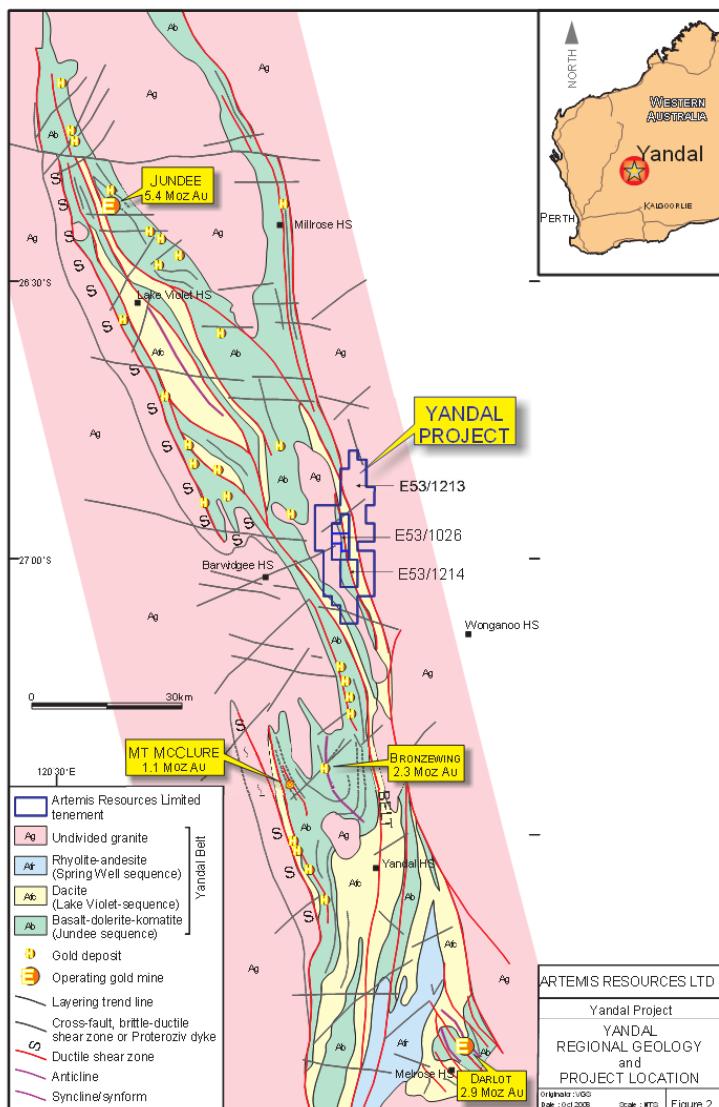


Figure 1: Yandal, Greenstone Belt showing project location and gold mineralised centres including four multi million once deposits

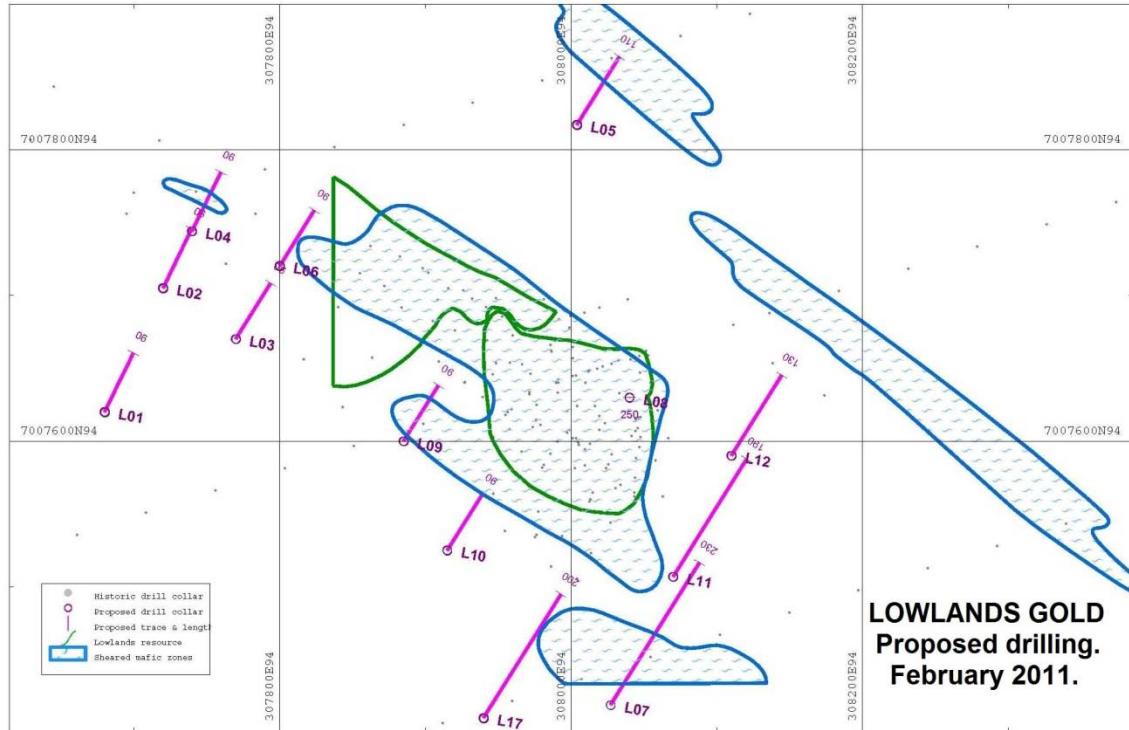


Figure 2: A plan of the Lowlands gold deposit projected to surface. The mineralised bodies are shown in green and the distribution of the prospective host rocks in blue. The deposit is open to the south, west and east hence the drilling pattern.

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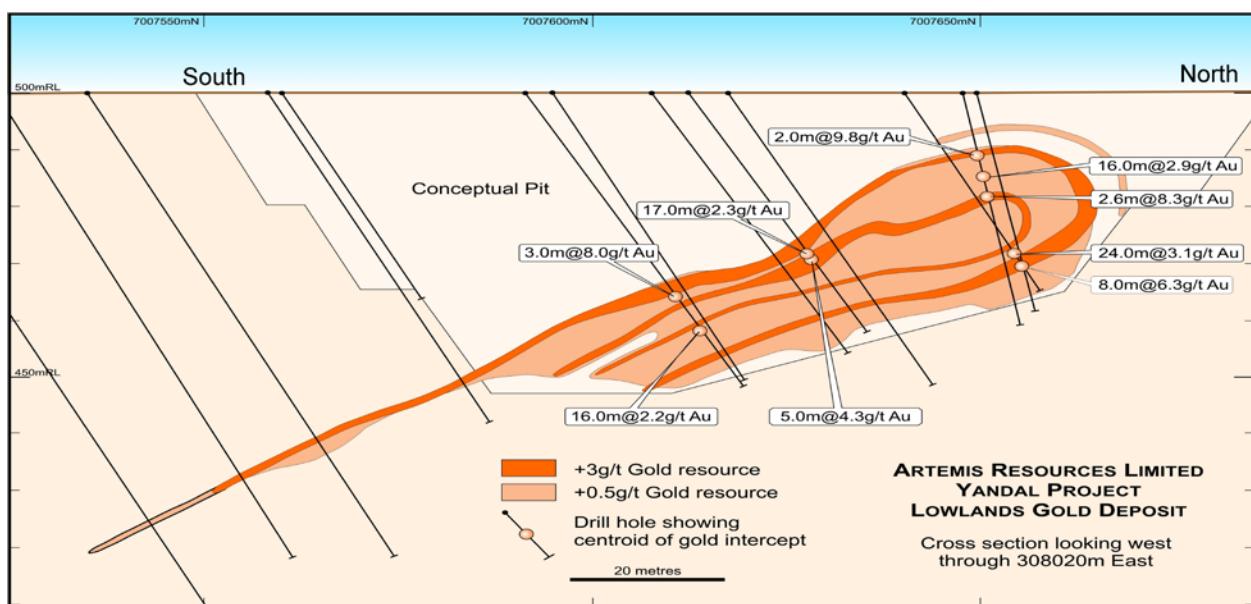
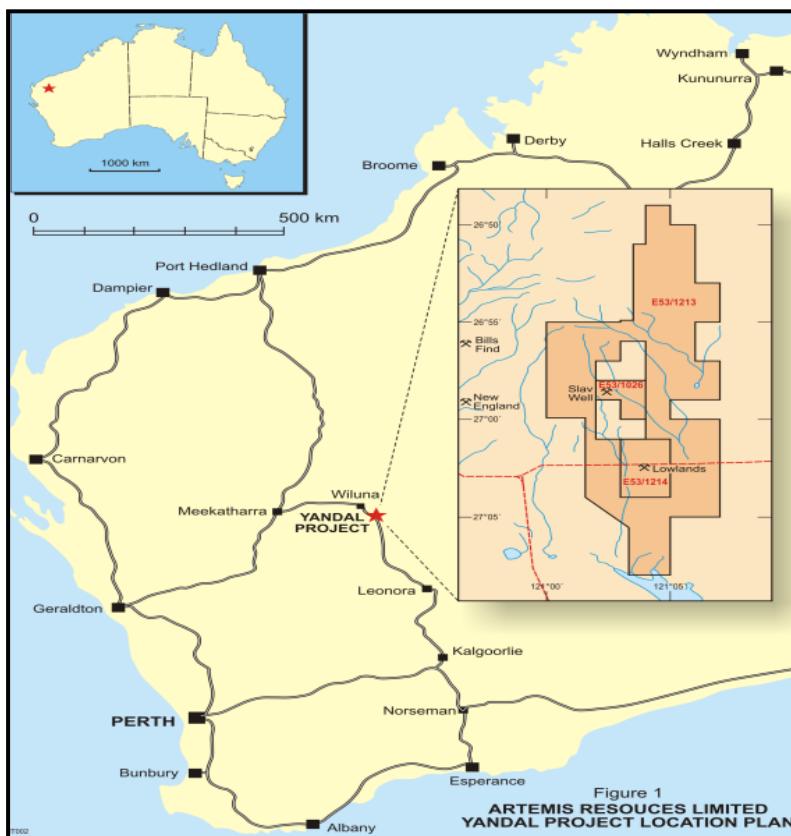


Figure 3: Yandal - Lowland Gold Deposit – Cross section

ABOUT ARTEMIS RESOURCES

Artemis Resources Limited is a maturing resources exploration company with a focus on its prospective Mount Clement and Yandal gold projects in Western Australia. The Company also has exposure to rare earths through its Yangibana (Western Australia) and Buchanan's Creek (Queensland) projects and Uranium through its Mundong Well and TAG II/IV projects in Western Australian and West Africa respectively. Its projects were targeted because of their quality, exploration potential and close proximity to existing important deposits or producing mines.



For further information, please contact:

David W. Price
Executive General Manager
 Office: +61 (0)2 82212255
 Email: info@artemisresources.com.au
 Site: www.artemisresources.com.au

David Brook
Professional Public Relations
 T: 61 8 9388 0944/ 0415 096 804
 E: david.brook@ppr.com.au
 Web

The information in this document that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr. David W. Price, who is a Fellow of The Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists. Mr. Price 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. Price, who is an officer of the Company, consents to the inclusion in the report of the matters based on his information in the form and context in which it appears