

ASX RELEASE

Additional Sampling Completed from Phase One Drilling Program at the Murphy Project in the Northern Territory

Phase Two Drilling Program has Commenced on Western part of Project

Highlights:

- 94 metres of additional core samples from the wide hematite-chlorite altered zone intersected in MURD002 have now been sampled and submitted to the lab, with results expected within two weeks
- The presence of copper minerals chalcocite and chalcopyrite has been noted in the new sampling
- Previously reported intervals (copper up to 1.04% and U308 up to 107.4ppm) were based on sampling of only 35% of the 157 metre downhole intersection (approximately 100m true width) of altered mafic intrusive
- Magnetic susceptibility measurements have confirmed that the alteration is associated with a drop in magnetic susceptibility of approximately two orders of magnitude
- The 2009 Phase two drilling program has commenced. Drilling will test a number of targets in the western part of the Murphy tenement area

Bondi Mining Ltd (“Bondi” - ASX symbol – BOM) is pleased to announce that it has completed a program of additional study and sampling of the phase one drilling. The aim of this additional work was to establish the overall copper and uranium signature of the hematite-chlorite altered interval drilled in MURD002.

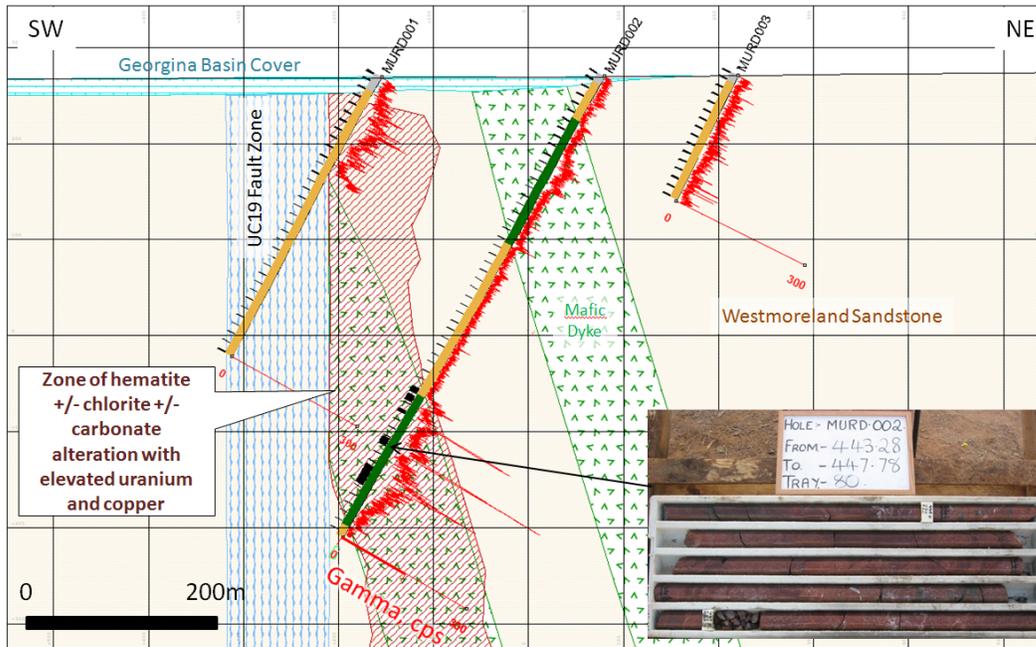


Fig.1. Cross section showing interpreted geology and gamma log results from the UC19 area. Black regions on the drill traces show areas sampled for the previously reported set of results. The entire interval from 385 metres to 542 metres has now been sampled.

As previously reported, drillhole MURD002 intersected a broad interval of hematite-chlorite alteration at a depth of approximately 400 metres within a mafic intrusive. However, reinterpretation of airborne magnetics in light of the drill results has also shown that similar mafic intrusives occur very close to the surface in the UC19 area, and there is a strong likelihood that the copper and uranium-bearing alteration system may come closer to the surface (as shallow as 10-20 metres) in the area.

Bondi's field crew is now on site at the Murphy project and drilling has commenced. This phase will concentrate on new targets in the western part of the Murphy project area.

The Murphy project is the subject of a Letter of Agreement between Bondi and Japan Oil, Gas and Metals National Corporation (JOGMEC) wherein JOGMEC can earn a 51% undivided interest in the project by funding AUD \$3 million in exploration over four years. Bondi is the operator of the exploration program. The project has also received the support of two drilling grants of \$100,000 each from the NT Government under the "Bringing Forward Discovery Program".

Bondi Mining Ltd is a Brisbane-based exploration company with a focus on high-grade cycle-proof uranium targets with world class size potential. Bondi's Australian uranium portfolio is currently focused on the Murphy project in the Northern Territory, and the company is currently undertaking generative programs aimed at augmenting its current portfolio, with a strong focus on resource-visible projects. The company also retains a significant land holding in the gold-prospective Georgetown region of Queensland.

All queries to:

Rick Valenta, Managing Director (07) 3369 4000

info@bondimining.com.au

www.bondimining.com.au

The exploration data and results contained in this report are based on information reviewed by Dr Rick Valenta, a fellow of the Australian Institute of Mining and Metallurgy. He is Managing Director of the Company and has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Dr Valenta has consented to the inclusion in this release of the matters based on his information in the form and context in which it appears.