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**ASX RELEASE**

**Murphy Project Northern Territory**

**Phase Two Reconnaissance Drilling Yields Encouraging Results**

**Phase Three Drilling at UC19 target to commence in late November**

**HIGHLIGHTS:**

- **Phase two drilling has returned anomalous uranium at the unconformity between Westmoreland Sandstone and underlying reduced Murphy Metamorphics.**
- **Drilling has confirmed extensive areas of untested unconformity with underlying basement metamorphics and confirmed modelled depths to the unconformity**
- **A ground magnetic program has been completed over the planned area of phase three drilling at the UC19 target where a wide zone of anomalous uranium and copper in hematite alteration was intersected in phase one drilling**
- **Phase three step-out drilling at UC19 is scheduled to begin in late November.**

**Bondi Mining Ltd ("Bondi" - ASX symbol – BOM)** is pleased to report the results of phase two drilling at its Murphy Uranium Project in the Northern Territory. The phase two program was aimed at testing for the presence of reduced basement metasediments of the Murphy Metamorphics under the Westmoreland Sandstone, as well as testing for the presence of Siegal Volcanics and mafic intrusives. The presence of reduced basement rocks is a very important component of the model for formation of high grade unconformity-related uranium deposits (for example, Ranger and Jabiluka).

"These are the first four holes in the previously unexplored Murphy West area, and their objective was to help us gain an understanding of the geology of that area and its prospectivity for unconformity uranium", said Dr Rick Valenta, Managing Director of Bondi Mining Ltd. "The fact that we have proven the presence of reduced metasediments in the basement is a big boost to the prospectivity of the area, and it is even more encouraging to have intersected anomalous uranium and a typical suite of associated elements right at the unconformity".

Drillholes MURD011 and MURD012 were drilled in areas where the aeromagnetic data suggested the presence of layered metamorphic rocks in the basement. Both holes intersected basement metasediments, with a wide sequence of dark, reduced metasediments in MURD012. A drilling sample of Westmoreland Sandstone within 1 metre of the unconformity returned 44.3ppm U3O8, along with elevated lead, zinc, arsenic, nickel and phosphorous. Background values of uranium in the Westmoreland Sandstone are typically less than 1.5 ppm U3O8, so the presence of uranium at over 30

times background near the unconformity with underlying reduced metasediments is extremely significant.

Drillhole MURD013 was sited to test the contact between Westmoreland Sandstone and an interpreted large mafic intrusive body in close proximity to a major northwest-trending structure. The contact between Westmoreland Sandstone and the mafic intrusive was very weakly anomalous in uranium, and zones of hematitic alteration and weakly anomalous copper similar to those seen in MURD002 were also seen in hole MURD013 within the mafic intrusive.

Drillhole MURD014 was drilled to attempt to intersect the Siegal Volcanics, but the hole encountered problems and was terminated within Antrim Plateau Basalts at a depth of 323 metres

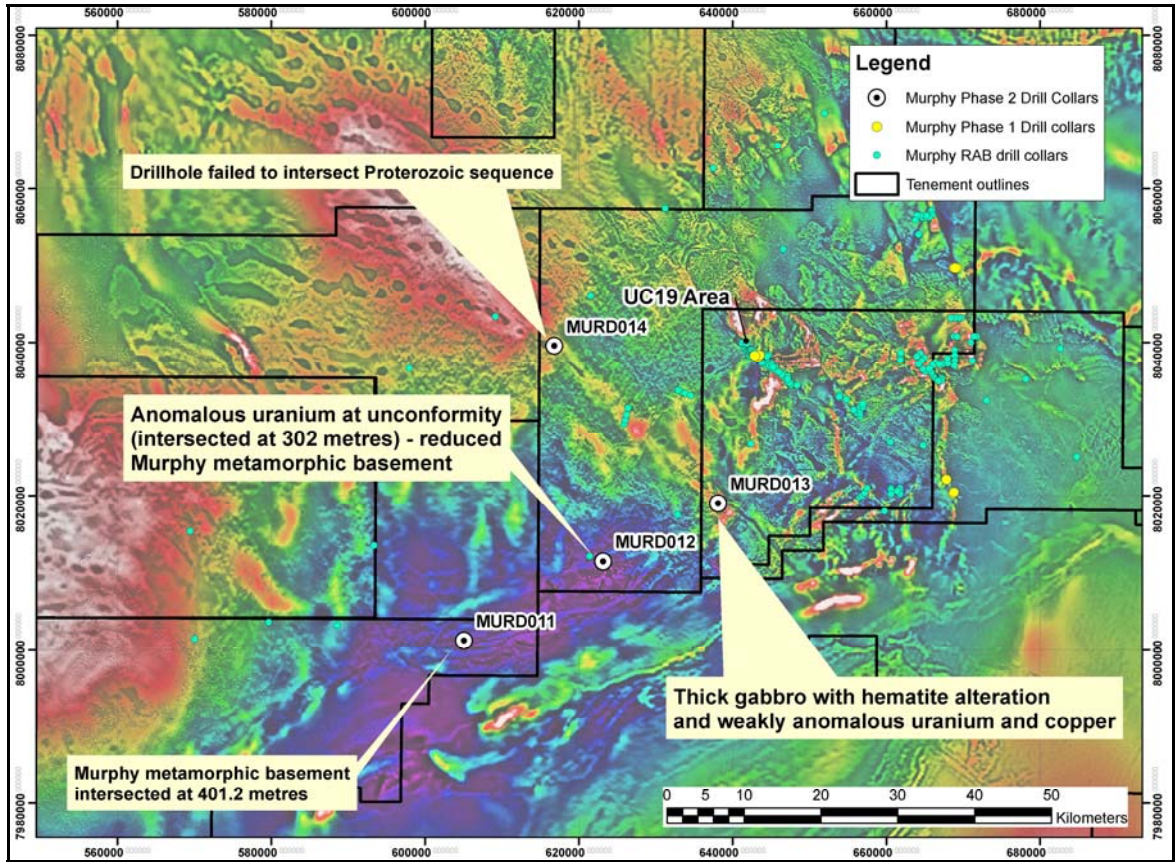


Fig. 1. Map of the Murphy area showing the location of wide spaced phase two drillholes along with all previous drilling

The results of the phase two drilling will be used to plan for further programs in the Murphy West region in 2010. The presence of reduced metasediments in the basement provides encouragement that it may be possible to refine targets using electromagnetic methods.

**Phase 3 Drilling**

The start of phase three drilling has been delayed due to the delay in availability of the contracted drill rig. The drill rig is now expected to be available in time to begin the program in late November. Phase three drilling will be focused on testing stepout targets from the wide intersection of anomalous uranium and copper encountered in drillhole MURD002 at the UC19 target.

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 sole 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".

### **About Bondi Mining Ltd**

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.

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*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.*

<b>Drillhole</b>	<b>Easting</b>	<b>Northing</b>	<b>Dip</b>	<b>Azimuth</b>	<b>Depth (m)</b>
MURD012	623187	8011543	-90	0	342.0
MURD011	605086	8001226	-88.8	103.6	435.6
MURD013	638150	8019030	-87.6	221	400
MURD014	616824	8039564	-90	0	324

*Table 1. Locations of Phase 2 drillholes*