



# **MITHRIL**

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## **RESOURCES LTD**

**15<sup>th</sup> SEPTEMBER 2008**

### **ASX RELEASE**

#### **Rock chip sample from Blackadder returns high grade nickel and copper values of 3.8%Ni and 9.6%Cu**

The directors of Mithril Resources Ltd are pleased to report that further results from surface rock chip sampling of the Blackadder Prospect located on the Harts Range JV tenements of the Huckitta Project (Figure 1) have returned high grade nickel and copper values along with anomalous values of cobalt, platinum and palladium (Table 1). The mineralisation is associated with gossanous material at the contact between an olivine bearing gabbroic body and a metasediment. The mineralised horizon has been mapped over a strike extent of 180m before it becomes covered by sand (Figure 2). Primary disseminated sulphides have been identified within the gabbroic body and petrology has confirmed the presence of the nickel bearing sulphide pentlandite along with the copper bearing sulphide chalcopyrite.

The Blackadder prospect is a new discovery of nickel-copper sulphide mineralisation and its close association with an olivine bearing gabbro is a strong endorsement of the area's prospectivity to host a significant nickel-copper deposit. The next phase of work on the project will include additional geological mapping and ground geophysical surveys prior to drill testing.

Under the terms of the Harts Range JV, Mithril may earn up to an 80% interest in all minerals other than uranium from Oklo Uranium Limited. The Harts Range JV is located approximately 150 kilometres east-northeast of Alice Springs in the Northern Territory and forms part of Mithril's Huckitta Project. The Huckitta region is relatively under-explored and has several characteristics that are considered favourable for the formation of magmatic nickel sulphide deposits.

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For more information on the company visit [www.mithrilresources.com.au](http://www.mithrilresources.com.au)

*The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr G Ascough, who is a full-time employee of the Company and a Member of the Australasian Institute of Mining and Metallurgy. Mr G Ascough has more than five years 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 G Ascough consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

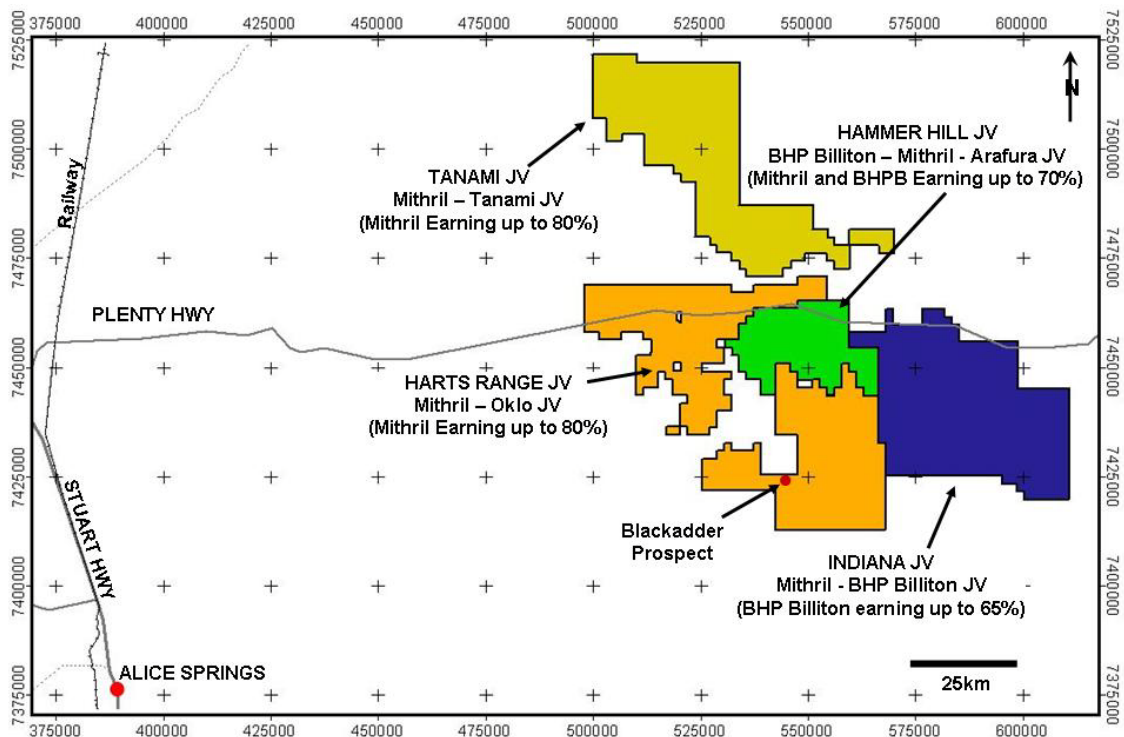
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**Table 1: Rock chip results from the Blackadder Prospect**

SAMPLE	EASTING	NORTHING	Ni %	Cu %	Co %	Pt ppm	Pd ppm	Au ppm
ORC-001	545375	7424499	0.72	0.77	0.01	0.00	0.01	0.01
ORC-002	545376	7424499	3.84	9.60	0.05	pending	pending	pending
ORC-005	545379	7424500	0.13	0.02	0.01	0.00	0.00	0.00
ORC-006	545379	7424494	0.18	0.21	0.01	0.01	0.01	0.01
ORC-007	545380	7424492	0.22	0.47	0.01	0.02	0.12	0.04
ORC-009	545421	7424471	0.04	0.20	0.01	0.10	0.05	0.08
ORC-010	545437	7424462	0.30	0.37	0.05	0.08	0.11	0.04
ORC-011	545436	7424465	1.15	0.50	0.06	0.10	0.07	0.02
ORC-012	545436	7424465	0.32	0.81	0.01	0.02	0.04	0.01
ORC-013	545442	7424464	0.10	0.03	0.01	0.00	0.00	0.00
ORC-014	545479	7424454	0.64	1.82	0.02	0.03	0.03	0.08
ORC-015	545539	7424446	0.31	0.33	0.01	0.08	0.05	0.04
ORC-017	545373	7424504	0.54	0.21	0.04	0.26	0.18	0.01
ILL08029	545375	7424499	1.43	4.72	0.02	0.05	0.03	0.18
ILL08030	545375	7424498	0.13	0.07	0.01	0.00	0.00	0.00
ILL08031	545437	7424464	1.23	0.68	0.08	0.01	0.10	0.03



**Figure 1: Huckitta Project Location Map**

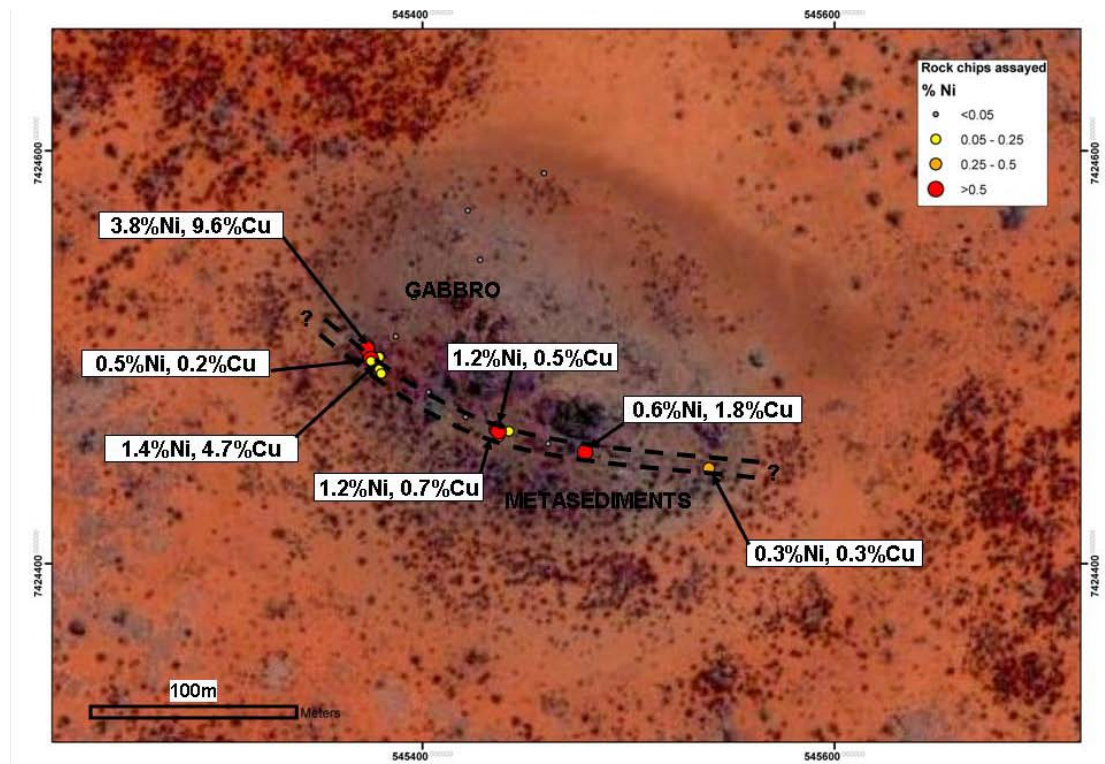


Figure 2: Rockchip sampling results from the Blackadder Prospect