



ASX ANNOUNCEMENT
ASX Code: **BDR**

14 January 2009

PRIMARY GOLD MINERALISATION DISCOVERED
WEST MUSGRAVES

Beadell Resources Limited is pleased to announce that a significant gold anomaly from rock chip sampling hosted in outcropping magmatic hydrothermal breccia, has been identified at the Company's 100% owned Handpump Prospect in the West Musgraves. This is the first time primary gold mineralisation of this calibre has been discovered in this area. The sampling has delineated a >100ppb gold mineralised zone up to 58m in width with highest values including **11m @ 516ppb** and **13m @ 643ppb** (Table 1). The anomaly occurs within a >50ppb, open-ended and east-west trending mineralised corridor over **300m in width**. A RC drill programme is now being designed to test extensions of the Handpump Breccia (Figure 1) along strike to the west and under the rock chip anomaly itself.



The West Musgrave Handpump Prospect is located 90km east of Warburton in the central part of Western Australia. Forming part of the Mesoproterozoic aged Musgrave Complex, it was discovered by WMC Resources as a soil anomaly with a peak gold value of 250ppb however was never drill tested even though it was recognised as a 1M oz target because of heritage access issues. Following the granting of ministerial entry permits and a heritage clearance survey, Beadell Resources immediately completed an extensive programme of soil, rock chip and Aircore drilling during October and November 2008.

Sixty five rock chip costean samples taken on 10m composite intervals were collected across the Handpump Breccia at the base of an outcropping hill north east of the soil anomaly (Figure 1). Both hydrothermal alteration and pyrite mineralisation was observed in parts of the zone during chip sampling, providing evidence that the structure was once a conduit for mineralising fluids. Structural measurements show the breccia has a dominant east-west trend and a width of over 500m.

SampleID	Northing (Interval Midpoint)	Easting (Interval Midpoint)	Interval (True Width)
WM73	7105915	332302	11m @ 342ppb
WM207	7105860	332413	11m @ 154ppb
WM78 to WM81	7105837	332308	51m @ 193ppb
includes..			
WM78	7105856	332306	13m @ 119ppb
WM80	7105828	332311	11m @ 516ppb
WM81	7105817	332312	11m @ 119ppb
WM207	7105860	332413	11m @ 154ppb
WM213 to 217	7105759	332420	58m @ 282ppb
includes..			
WM213	7105784	332419	8m @ 146ppb
WM214	7105774	332420	12m @ 212ppb
WM215	7105761	332419	14m @ 211ppb
WM216	7105748	332416	13m @ 643ppb
WM217	7105736	332417	11m @ 123ppb

Table 1 Handpump Rock Chip Results >100ppb

A 4,088m aircore drilling programme designed to test beneath geochemical soil anomalies to the south west of the rock chip sampling was completed in November 2008. The drilling has mapped an anomalous gold zone >10ppb up to 2km in length and 650m wide. This is now interpreted to reflect the transported material shedding off the primary east west trending mineralised breccia. A maximum gold value of **219ppb** was returned in cover, 400m west of the rock chip sampling. The area along strike to the west of the outcrop anomaly remains undrilled for several kilometres and may represent the primary western extension of the mineralised breccia under transported cover. Access has been temporally restricted to the east due to a historical cultural area of interest. As the mineralised breccia remains completely open in this direction, works are underway to resurvey this boundary as there are no indications of cultural sites within this area of the known mineralised extensions.

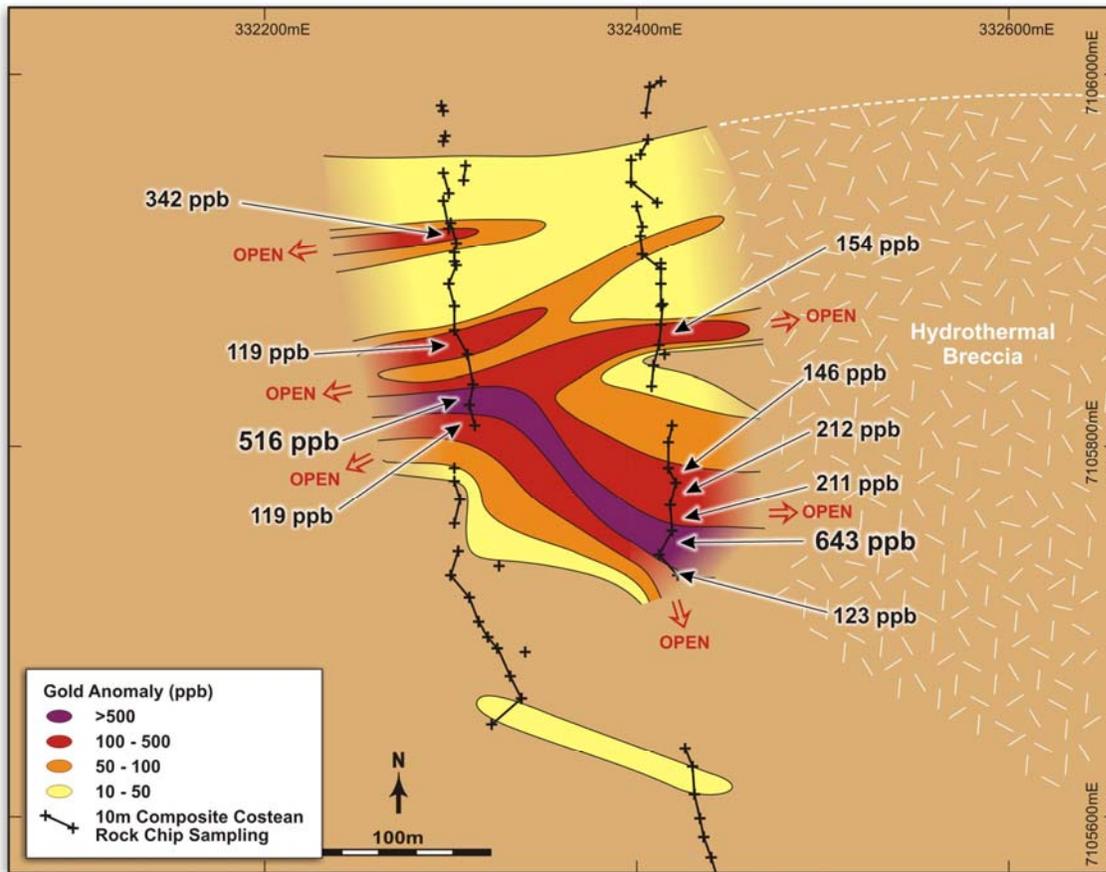
A combination of local paleochannels coupled with a poorly developed weathering profile has resulted in very limited penetration by the aircore drilling rig. This has made it difficult to define a gold dispersion halo under concealed areas immediately west of the outcrop. A RC rig will be able to successfully penetrate the basement along strike of the breccia zone.

Geochemical results are currently being awaited for a total of 608 broad spaced soil samples taken across the West Musgrave tenements (E69/2066 and E69/2067). The results for these are expected back within the month and will be used to vector in on potential new mineralised systems outside of the Handpump anomaly and provide additional drill targets for the coming year.

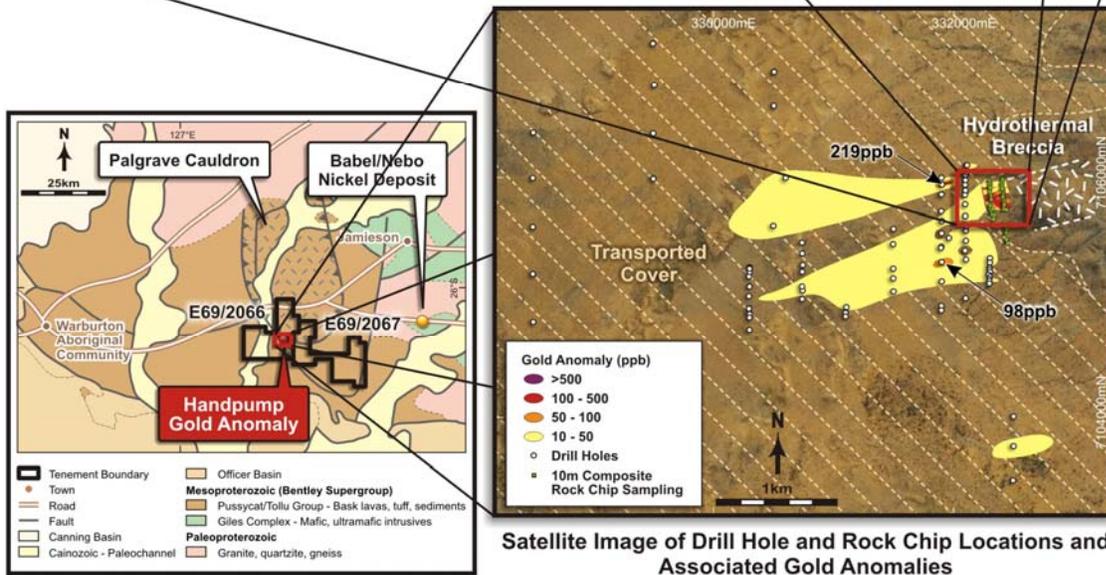
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Handpump Breccia Rock Chip Gold Anomaly



Satellite Image of Drill Hole and Rock Chip Locations and Associated Gold Anomalies

Figure 1 Location plan of West Musgrave Project gold anomaly

Competency Statement

The information in this report relating to Exploration Results and Mineral Resources is based on information compiled by Mr Robert Watkins who is a member of the Australian Institute of Mining and Metallurgy and has sufficient exploration experience which is relevant to the various styles of mineralisation under consideration under consideration to qualify as a Competent Person as defined in the 2004 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Watkins is a full time employee of Beadell Resources Ltd. Mr Watkins consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.