



ASX ANNOUNCEMENT
ASX Code: **BDR**

1 September 2010

FURTHER HIGH GRADE RESULTS – TUCANO

- **6.0 m @ 20.8 g/t gold**
(Including 3.8 m @ 32.3 g/t gold)
- **5.0 m @ 7.9 g/t gold**
(Including 1.0 m @ 26.3 g/t gold)

Beadell Resources Limited (“**Beadell**”) is pleased to announce further high grade drill results from the Trough Zone at the Tucano gold project in Brazil of **6.0 m @ 20.8 g/t gold** including **3.8 m @ 32.3 g/t gold** from resource delineation and extension drilling at the Taperebá AB (**Tap AB**) deposit (Figures 1, 2 & 3). This zone represents only one of a series of sub parallel ore shoots throughout the Tap AB deposit which has a current total resource of **13.4 Mt @ 1.8 g/t for 0.8 Moz** prior to the inclusion of this recent drilling.

Reverse Circulation (**RC**) drilling has recently commenced at Tucano and is expected to rapidly increase the drill production rates. The RC drilling will be primarily utilised to expedite conversion of Inferred resources to Measured and Indicated resources within the optimised pits. The first result from the RC drilling has produced a significant result from Tap AB1 of **5.0 m @ 7.9 g/t gold** from surface, including **1.0 m @ 26.3 g/t gold** (Figures 1 & 2).

To date a total of 7350 m of drilling has been completed from an initial 20,000 m first phase program.

The potential to increase the size of the Tap AB open pit continues to grow with the significant upside being identified with the current drilling program.

Tap AB is only one of a series of deposits at Tucano with the next phase of drilling having just commenced at the largest of the known deposits, Urucum, where a current resource of **31.8 Mt @ 1.8 g/t for 1.8 Moz of gold** exists.

Tap AB2 - High Grade Trough Zone

The new result in **FD1257 of 6.0 m @ 20.8 g/t gold** from 102 m including **3.8 m @ 32.3 g/t gold** from 103.3 m is from the high grade Trough Zone in the central part of the Tap AB deposit (See Figures 1, 2 & 3). The result is 30 m along strike to the south of the recently announced result in FD1256, which recorded **10.3 m @ 23.0 g/t gold** from 128.0 m confirming continuity of the steeply plunging Trough Zone.

The Trough Zone is characterised by an extremely deep weathering profile down the mineralised shear to in excess of 200 m, located on the faulted contact between the main iron ore bearing BIF unit to the west and a clastic unit to the east.

The new result is located below a previous optimised pit (Figures 1 & 3) and when combined with other new results, may result in a deeper optimised pit through this area when incorporated into the resource model for the Definitive Feasibility Study.

Further results from the Trough Zone are expected over the coming weeks as infill drilling continues to better define the limits of the high grade shoot.

Tap AB1 - RC Drill Result and South East Lode Drilling Commenced

The first results from the RC drilling have been received recording an intercept in **F928 of 5.0 m @ 7.9 g/t gold from surface** including **1.0 m @ 26.3 g/t gold** (Figure 2). Resource extension drilling has also commenced on the south east lode of the Tap AB deposit which remains completely open and untested south and below a previous result in FD1056 of **9.9 m @ 8.2 g/t gold, 4.0 m @ 27.0 g/t gold and 14.0 m @ 2.0 g/t gold** (Figure 1). This result is hosted in strongly to completely oxidised material indicating the deeply weathered mineralised zones, such as the Trough Zone could continue to the south.

Tap AB3 – Ongoing Drilling to test the Saddle

The Tapereba AB 3 zone is the northernmost of the 3 contiguous zones which make up the 1.5 km long Tap deposit. New results include **FD1082, 3.0 m @ 2.1 g/t gold** from 136 m, **1.0 m @ 14.3 g/t gold** from 146.0 m and **1.8 m @ 2.0 g/t gold** from 151.2 m and **FD1085, 4.6 m @ 2.8 g/t gold** from 171 m (Figure 2). Ongoing resource delineation drilling continues at Tap AB3, with a particular emphasis on targeting a large area of extremely sparse drilling between Tap AB3 and Tap AB2, known as the saddle.

For further information please contact:

Peter Bowler | **Managing Director**
T: +61 8 9429 0801
peter.bowler@beadellresources.com.au

Rob Watkins | **Executive Director Geology**
T: +61 8 9429 0802
rob.watkins@beadellresources.com.au

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 Australasian Institute of Mining and Metallurgy and has sufficient exploration experience which is relevant to the various styles of mineralisation 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.

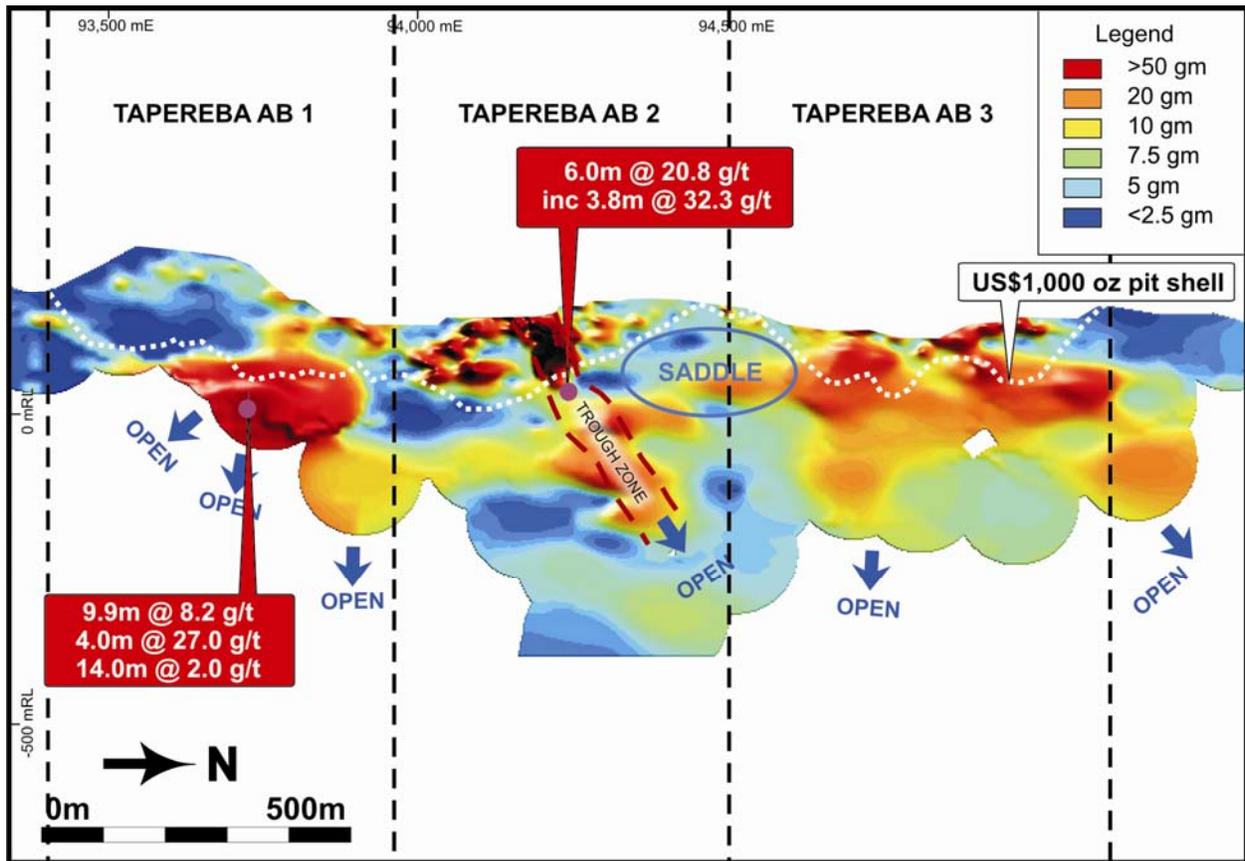


Figure 1. Tapereba AB Long Section

Area	Hole	Easting	Northing	From (m)	To (m)	Length (m)	Gold (g/t)
Tapereba AB 3	FD1082	402368E	94806N	136.0	139.0	3.0	2.1
				146.0	147.0	1.0	14.3
				151.2	153.0	1.8	2.0
Taperaba AB 3	FD1085	402360E	94716N	75.0	82.0	7.0	0.5
				126.0	130.0	4.0	0.7
				152.0	162.0	10.0	0.8
				171.0	175.6	4.6	2.8
Tapereba AB 2	FD1257	402215E	94230N	102.0	108.0	6.0	20.8
				Incl. 103.3	107.1	3.8	32.3
Tapereba AB 1	F928	402065E	93650N	0.0	5.0	5.0	7.9
				Incl. 0	1.0	1.0	26.3

Table 1. New Drill Results from the Tucano Gold Project

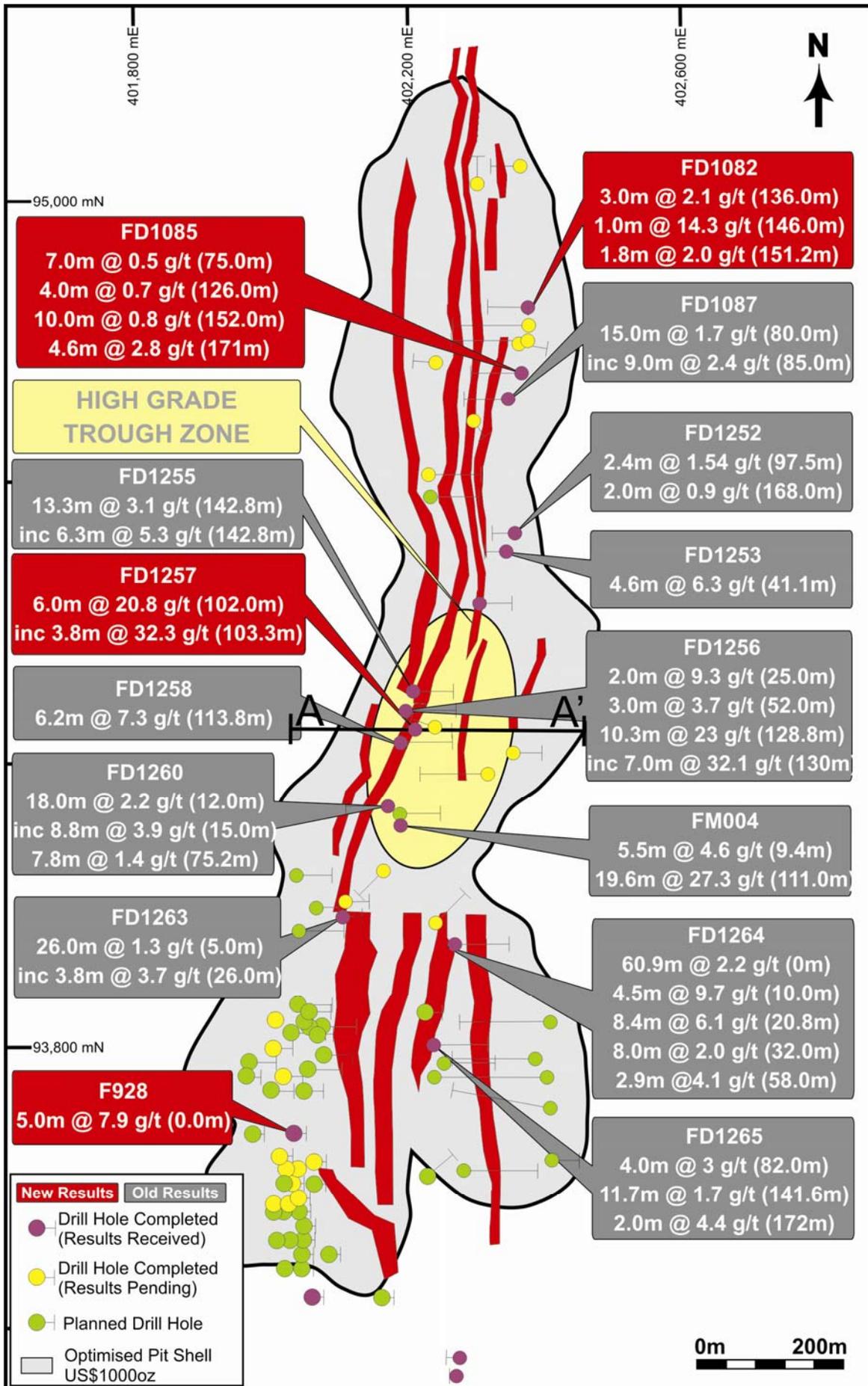


Figure 2. Tap AB Plan View showing location of new drill results.

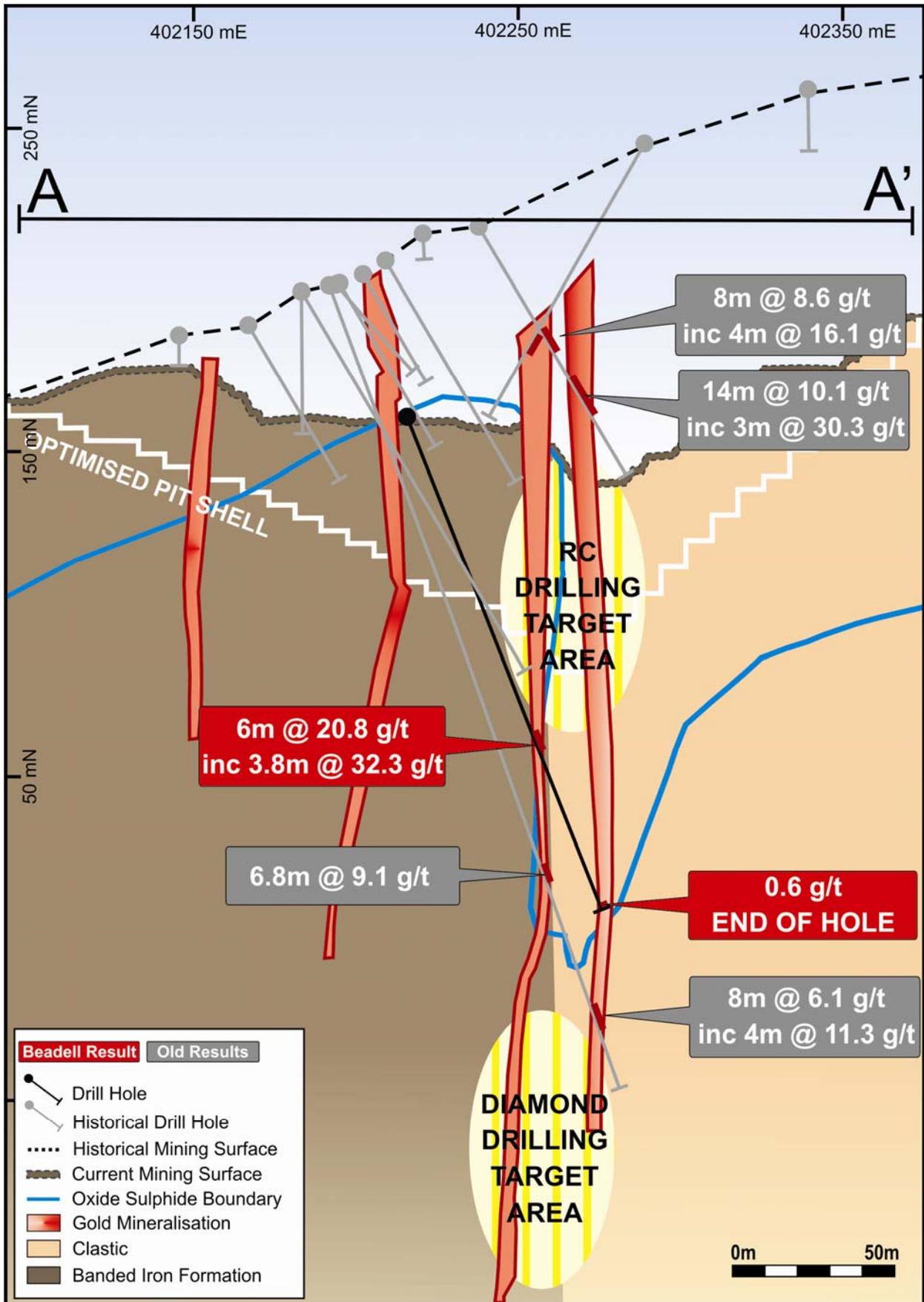


Figure 3. Tap AB2 Cross Section Trough Zone 94230N Drill Section