



ASX ANNOUNCEMENT
ASX Code: **BDR**

1 December 2009

TARTARUGA - BRAZIL
NEW GOLD SOIL ANOMALY

Beadell Resources Limited (“**Beadell**”) is pleased to announce that a significant new gold soil anomaly “**Jucelino**” has been discovered 1.5 km south of the main Mandiocal and Mineiro resource area. This new undrilled soil anomaly in addition to the high grade “**Rio de Ouro**” discovery announced last week (see ASX 23 November 2009) further demonstrates the significant potential to rapidly grow the resource base at Tartaruga heading towards development of the project.

The new soil anomaly is located on a parallel mineralised shear zone 1.5 km south of the main Mineiro Shear known as the “**Jucelino**” trend (Figure 1). Recent soil sampling on 400 m x 100 m spacing has identified a contiguous greater than 0.1 g/t soil anomaly over a 2 km strike length. The size and magnitude of this anomaly is comparable to the main resource area at Mandiocal and Mineiro where JORC inferred resources total **5.5 Mt @ 1.6 g/t gold for 279,000 oz**. The large soil anomaly covering the main resource area is thought to be exaggerated by the effect of historical artisanal mining in that area and would have produced a smaller surface geochemical footprint prior to “Garimpeiro” activities. The new soil anomaly at Jucelino has no historical workings except for a large 50 m x 50 m wide open pit approximately 1,000 m to the west. Beadell completed 2 diamond holes beneath the pit in 2008 intersecting a large altered shear zone with anomalous gold up to 1.3 g/t.

Only limited mapping and rock chip sampling was completed in conjunction with the recent soil sampling program however a single rock chip of quartzite subcrop and float taken adjacent to the soil anomaly assayed at 0.42 g/t gold. The Jucelino area consists mostly of shallow lateritic soils with occasional outcrop. Importantly both scattered float of quartzite and tonalite were noted in the area of the anomaly and are considered good host and source rocks for gold mineralisation respectively.

Sample Number	Easting	Northing	Type	Gold (g/t)
BLT787	509810E	162100N	Soil	0.16
BLT790	509800E	162400N	Soil	0.13
BLT791	509836E	162485N	Soil	0.12
BLT796	510200E	162000N	Soil	0.1
BLT797	510200E	161900N	Soil	0.07
BLT1002	510189E	162091N	Rock	0.42

Several other significant plus 0.1 g/t gold soil anomalies occur along strike of both the Jucelino trend and the Mineiro trend, each a potential signature of underlying gold mineralisation. Both the Mineiro and Jucelino trend exhibit surface gold anomalism over 6 km of strike and both are open to the east and west.

Table 1. Significant Soil and Rock Chip Sample Results.

Beadell Resources Limited

Second Floor, 16 Ord Street, West Perth 6005, Western Australia
PO Box 542, West Perth 6872, Western Australia
Telephone: +61 8 9429 0800 | Facsimile: +61 8 9481 3176

To the east of the Tartarugalzinho Grande river recent shallow fluvial cover associated with the Amazon delta masks the underlying geology and renders soil sampling ineffective. This has been demonstrated by the Rio de Ouro discovery which occurs beneath 2 m of cover.

The Jucelino soil anomaly represents a new and exciting drill target and together with the new undrilled Rio de Ouro discovery will form the basis of a significant resource delineation drilling program in early 2010. Both the Jucelino and Rio de Ouro targets are located in open rolling plains and a conventional aircore and reverse circulation drill rig will allow rapid evaluation of the targets.

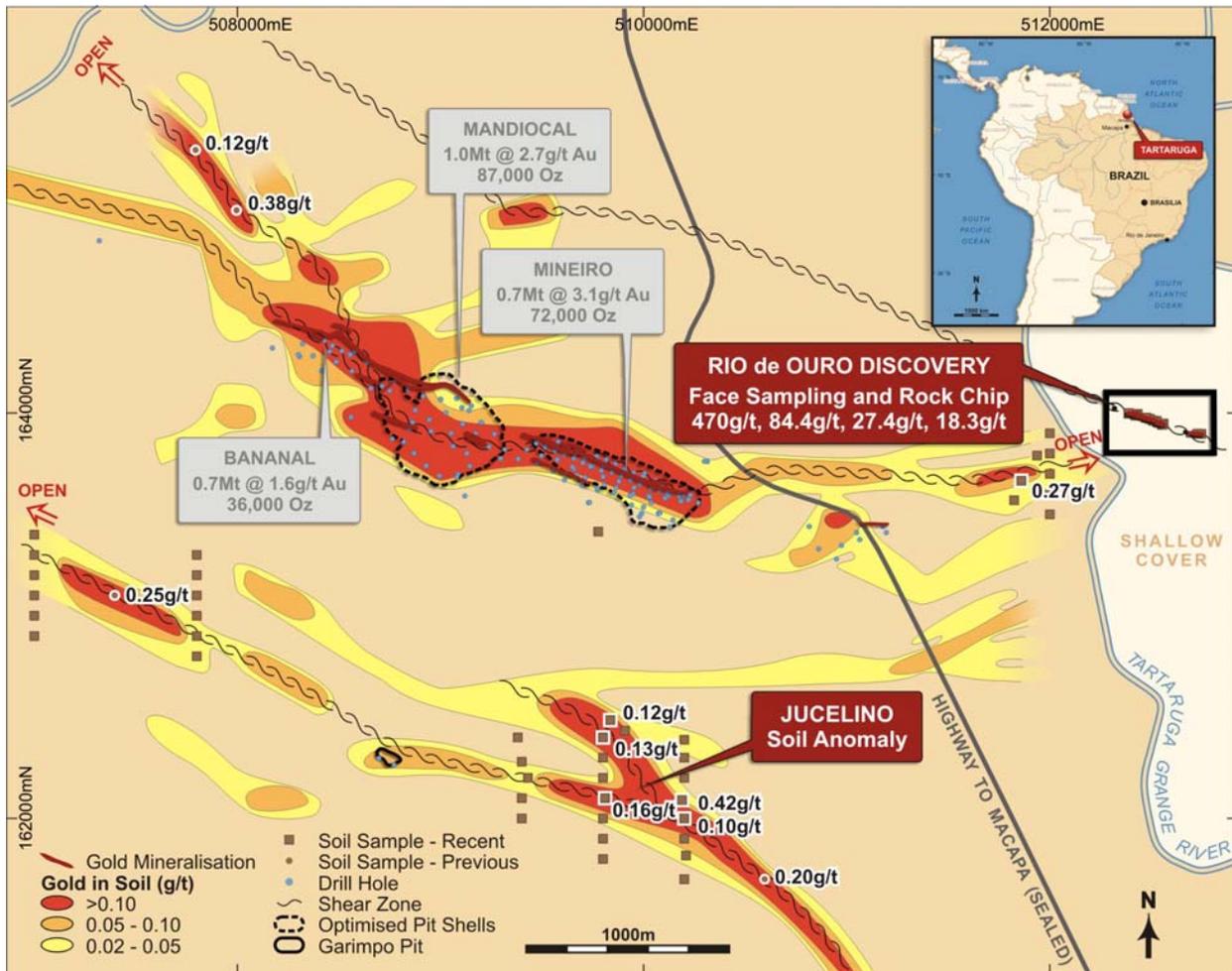


Figure 1. Location of New “Jucelino” Gold Soil Anomaly.

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

Robert Watkins | **Executive Director – Exploration**
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 Australian 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.