

30 April 2012

## Quarterly Activities Report for the period ended 31 March 2012

### 1 WESTERN AUSTRALIAN GOLD PROJECTS

#### 1.1 Twin Hills (M 29/21), Western Australia

The Twin Hills project is located 27 km north of Menzies township in the Eastern Goldfields. The historic Twin Hills mine is located in a shear zone within a narrow greenstone belt located between two granitoids. Recorded production from the belt totalled 1,100 t of ore at an **average grade of 23.6 g/t Au**.

A Measured Resource of **17,541 t @ 20.86 g/t Au** has been defined to a depth of 100 m beneath surface.



Figure 1 – The location of the Twin Hills Project.



The Company recently completed a full site survey at Twin Hills. All available drill collars, the historic box cut, shaft collars and various significant landmarks were picked up in GDA94 UTM coordinates to 20mm accuracy. The new survey data in conjunction with historic reports were used to reconstruct 3D models of the mine workings, surface topography and the ore-body.

Historic mining extended to a depth of approximately thirty vertical metres via a box cut, small incline and a shaft. The orebody may be largely stoped out between the box cut and the historic shaft, but the rest of the orebody remains in situ (Figure 2).

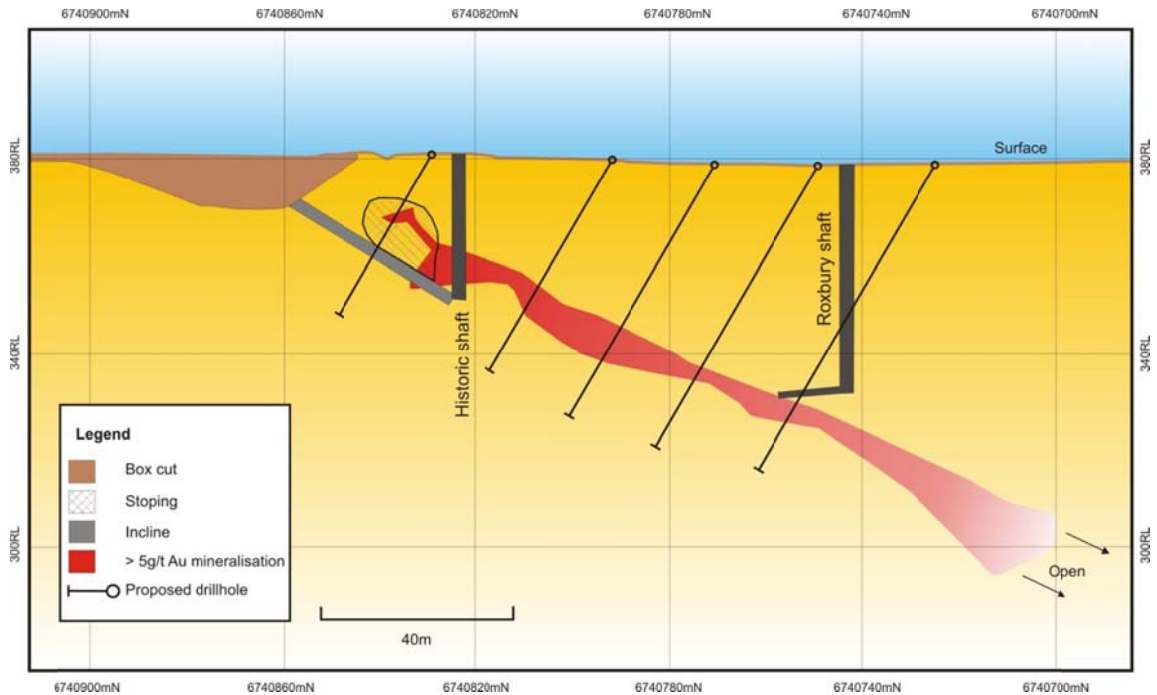


Figure 2 – Longitudinal projection of the Twin Hills mineralisation.

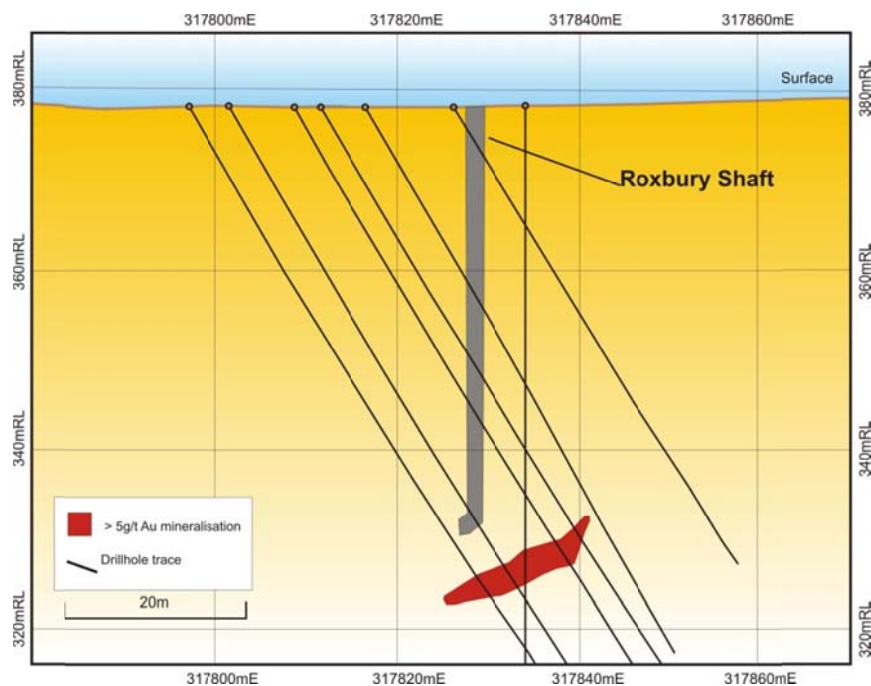
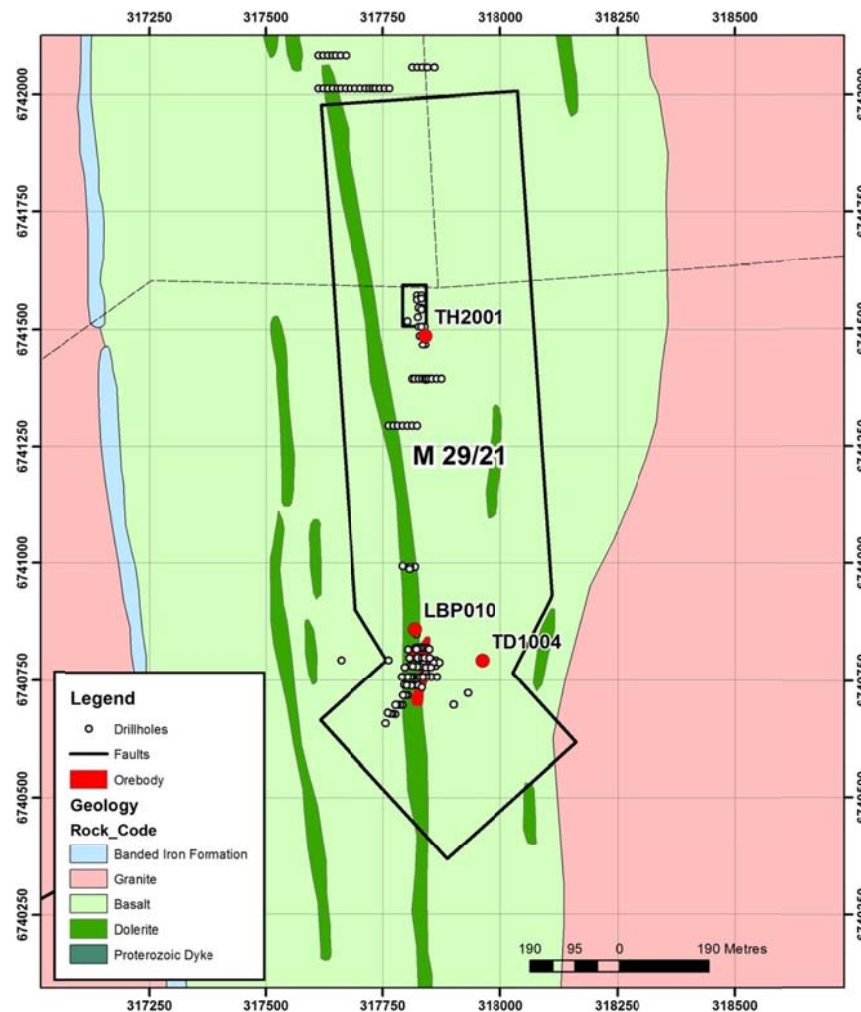


Figure 3 – Cross section through the Twin Hills mineralisation.



Most importantly, the Roxbury Shaft (constructed in 2002) does not appear to be deep enough to intersect the orebody. A drive heads north from the shaft but also appears to stop just above the orebody (Figures 2 and 3).

Five drillholes for 284m are planned for the Twin Hills orebody. The holes will confirm the position, geometry and grade of the orebody and provide material for metallurgical test work. The drilling will also aim to confirm the structural and geological setting of the mineralisation.



**Figure 4** – Geology and drill status plan of Twin Hills. Large red dots indicate the locations of the quoted significant drill intercepts.

With the success of the drill programme, a scoping study will be initiated to assess the various options available for development of the Twin Hills Project. Tribute mining is being discussed with third parties to mine the Twin Hills deposit.

The Company believes that there is significant potential for further mineralisation along strike and at depth to the Twin Hills orebody. Licence M29/21 contains at least a 1.5km strike length of highly prospective geology which has seen minimal drill testing, particularly below 50m depth. Several isolated drill intercepts, which are yet to be followed up (figure 4), include:

- TH2001 5m @ 8.56g/t Au from 16m, including 1m @ 31.1 g/t Au from 20m
- LBP010 3m @ 42.02g/t Au from 32m
- TD1004 8m @ 3.17g/t Au from 107m



Follow-up drilling of these isolated drillhole intersections will be considered if the confirmatory drill programme of the Twin Hills orebody is successful.

## 2 EASTERN VICTORIAN GOLD PROJECTS

The company currently holds three granted exploration licences and has an application pending for one further exploration licence in eastern Victoria. The granted exploration licences are Burwang (EL5235), Twist Creek (EL5239), and Mudlark (EL5272). The Grant-Dargo (EL5240) licence is still proceeding through the application process. These licences and the application are for low impact gold exploration over a number of historic gold mining areas that have received limited exploration using modern techniques.

Government records show that **over 730,000 oz of gold was historically produced from the Burwang project area (EL5235)**. The Rose, Thistle and Shamrock (RTS) gold mine and the nearby Landtax gold mine is an area of significant potential. Government records show that over **80,000 oz of gold was produced at an average grade of 22.2 g/t**.

The Company has submitted a work plan to remove the bund wall from the main adit entrance at RTS. The bund is low, holding back around 1.5 m depth of water within the entrance to the adit, and currently allows flow-through of water from the mine and into the local river system. Removal of the bund will drain the level and allow access to most of the workings for geological assessment and sampling. The Victorian Department of Primary Industries (DPI) has raised several queries for clarification and requested that environmental impact and hydrology studies be completed. These studies are underway.

The Hillsborough gold mine was a small producer from shallow workings. Just under **10,000 oz of gold** was produced at an **average grade of 23.8 g/t**. Significant potential exists between the various adits, at depth and along strike from the existing workings. This potential will be assessed by mapping and sampling followed by possible drill testing.

Several other mining areas are also being assessed for further work, in particular the Reliance, Buckeye and Red Parrot mines.

At the Twist Creek project (EL5239 & EL5272) government production records are poor, but from the Excelsior Mine just under **2,500 oz of gold** was produced at an **average grade of 59.9 g/t**. The Company is currently assessing the potential for intervening lower-grade zones, as well as high-grade potential at depth and along strike.

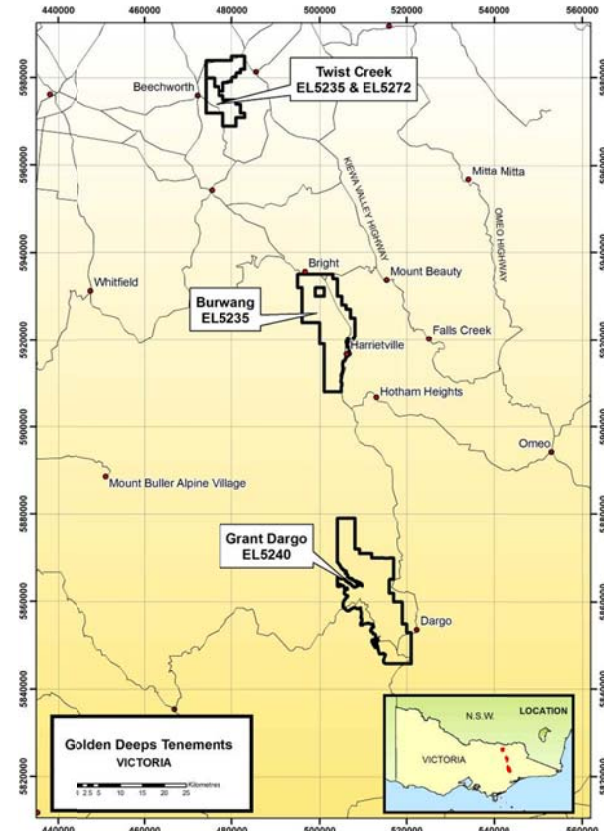


Figure 8– Locations of the Company's three exploration areas (black outlines) in eastern Victoria. Major towns and cities of the region are shown.



### 3 PROJECT GENERATION

The Company is currently assessing a number of opportunities, both in Australia and in southern Africa, for possible joint venture or acquisition. Several copper-lead-zinc and vanadium projects are undergoing in-depth evaluation to provide the Company with an additional focus for its future exploration efforts.

**For further information please contact:**

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**Or consult our website:**

[www.goldendeeps.com](http://www.goldendeeps.com)

**Competent Person Declaration**

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Luke Marshall, who is a member of The Australasian Institute of Geoscientists. Mr Marshall has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that 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 Resource and Ore Reserves". Mr Marshall consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

**Forward-Looking Statements**

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Golden Deeps Limited's planned exploration programme and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should," and similar expressions are forward-looking statements. Although Golden Deeps Limited believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.