

# DGO Gold Limited

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Company Announcements Office  
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Dear Sirs,

## **Pilbara Sediment Hosted Gold Exploration Update**

DGO Gold Limited's ("DGO") has expanded its land holding in the Pilbara WA of the Fortescue Group, the area highly prospective for sediment hosted gold analogous to the Witwatersrand Basin of South Africa.

- Exploration licence applications covering an additional **2,102km<sup>2</sup>** have been lodged.
- Land under application in the Pilbara increased to a total of **4,757km<sup>2</sup>** around the margin of the Northeast Pilbara Sub-Basin to the east and southeast of **Mallina** and adjacent to **Tom Price**. The company's Pilbara land holdings now total **5,002km<sup>2</sup>** including the granted Mallina tenements.
- The literature review and comparison of the Fortescue Group of the Pilbara. WA with the Witwatersrand Basin of South Africa combined with research by the Centre of Excellence in Ore Deposits (CODES) at the University of Tasmania (UTAS) of periods of elevated gold in oceans has guided this land acquisition of the Tumbiana Formation and the lower part of the Jerrinah Formation.
- DGO has approximately 4 kilometers of strike of the Mount Roe Basalt and evidence of the presence of the basal conglomerate in the western part of the Mallina Exploration Licence 47/3327

## **New Land Applications, Pilbara, Western Australia**

DGO has lodged further Exploration Licence applications covering an additional 2,102 square kilometres over the mid to upper Fortescue Group in the Pilbara of Western Australia (see Figure 1). These applications increase the land under application in the Pilbara to 4,757 square kilometres and a total of 5,002 square kilometres inclusive of the granted Mallina tenements. The applications have resulted from information gained as a consequence of a literature review and comparison of the Fortescue Group of the Pilbara with the Witwatersrand Basin of South Africa.

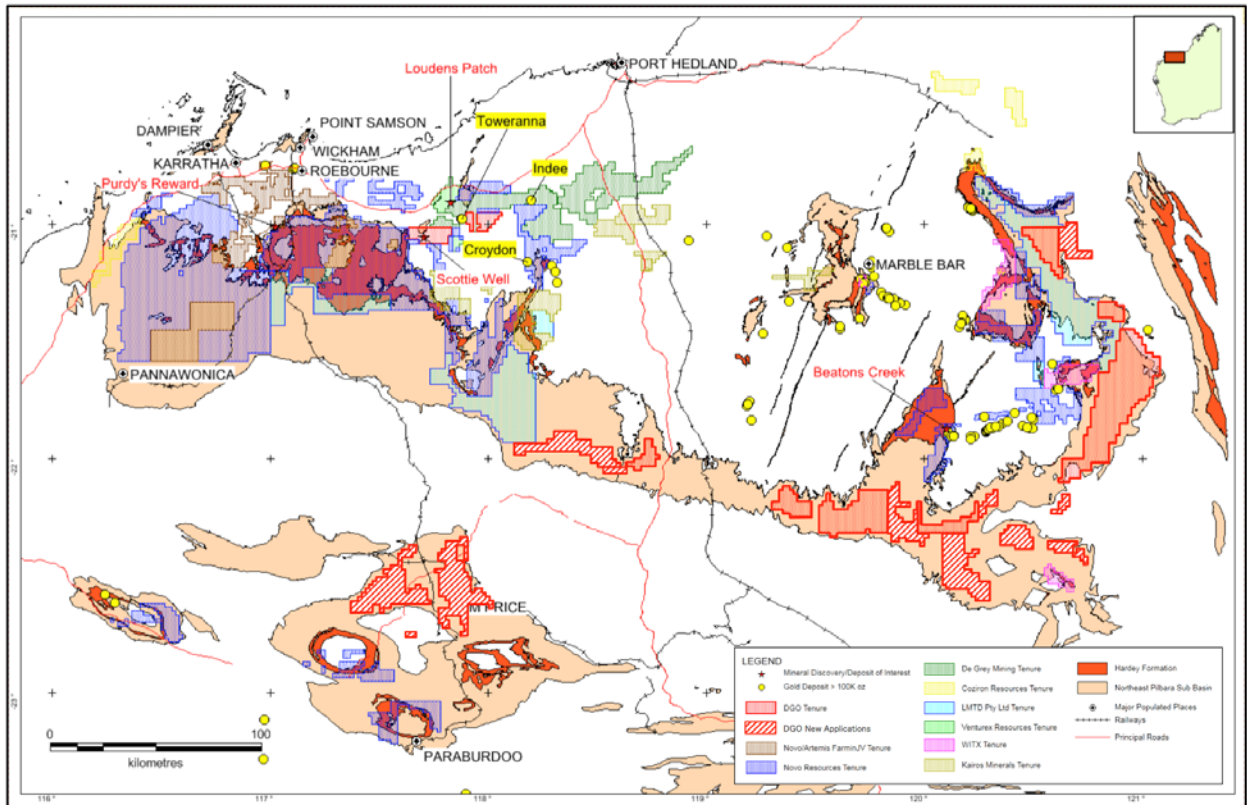


Figure 1 – DGO Pilbara Exploration Licence Applications

Recent exploration activity in the Fortescue Group by the Artemis Resources Limited (ASX: ARV) / Novo Resources joint venture (Purdy's Reward), 75 kilometers to the west and De Grey Mining Limited (ASX: DEG) (Loudens Patch) 10 kilometers to the north east of Mallina respectively have discovered gold nuggets in conglomerates at the base of the **Mount Roe Basalt**. Approximately 4 kilometers of strike of the **Mount Roe Basalt** with some outcrop of the underlying basal conglomerate evident, occurs at the western of the Mallina EL47/3327.

The **Mount Roe Basalt** and the overlying **Hardey Formation**, **Tumbiana Formation** and the **Jeerinah Formation** overlap in geological age with the main gold bearing formations of the Witwatersrand Basin 2700 - 2900 Ma (see Figure 2).

Research by CODES of the world's major gold deposits indicates that formation of these deposits coincides with periods of higher than normal concentration of gold in the oceans. One of these geological time frames is coincident with the main gold bearing formations of the Witwatersrand Basin (see Figure 2).

The **Hardey**, **Tumbiana** and the lower part of the **Jeerinah Formations** appear from Geological Survey of WA data and academic literature to have sedimentary components suitable for the development of sequence boundaries at which the gold "reefs" occur within the Witwatersrand Basin sediments. The Witwatersrand gold "reefs" are associated with distinctive thin conglomerate and sandstone horizons which occur at specific positions within the mid to upper part of the basin sediments.

DGO's recent exploration licence applications have targeted the lower part of the **Jeerinah Formation** and the **Tumbiana Formation**, deposited in a time period of elevated gold concentration in oceans as per the research conducted by CODES.

Compilation of open file past exploration and public domain government data and academic literature research has commenced.

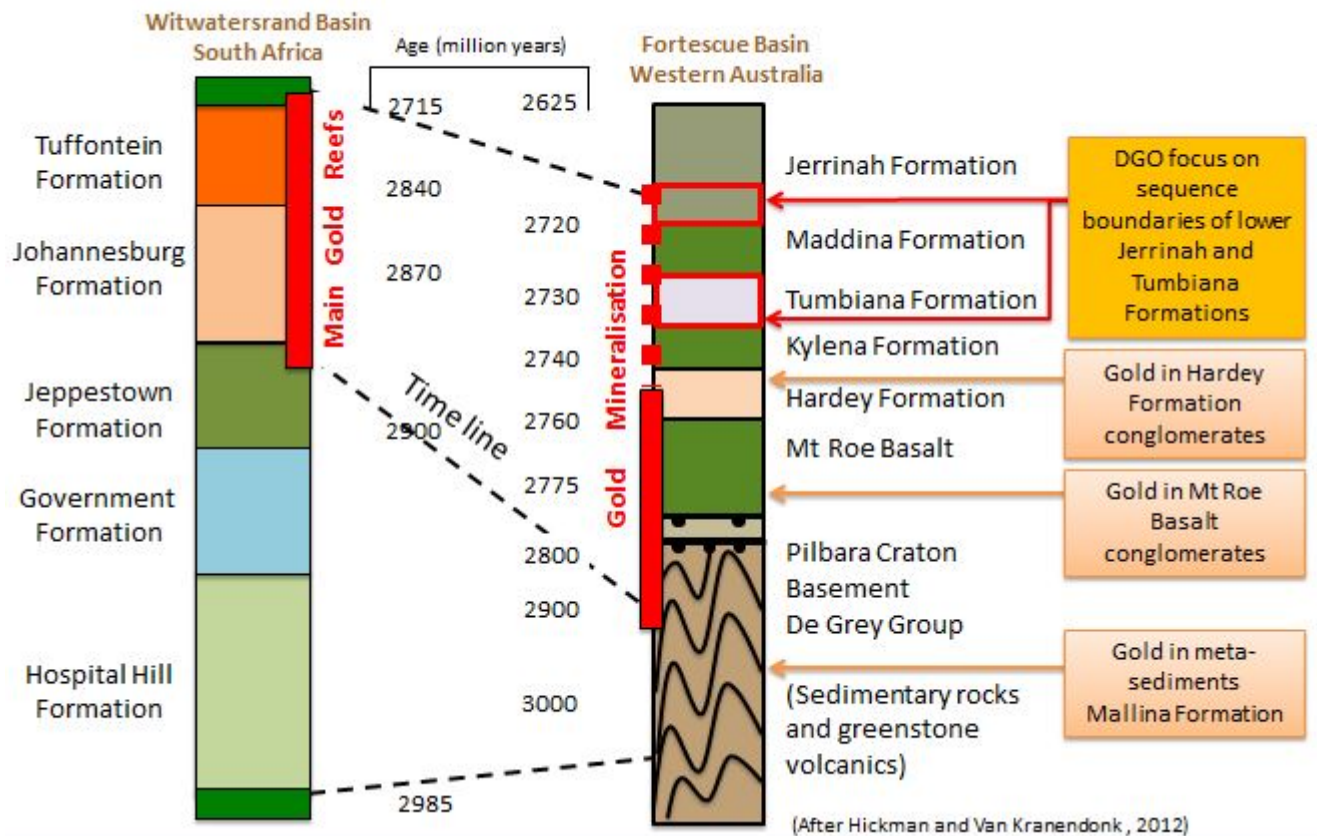


Figure 2: Witwatersrand Stratigraphic Column Compared to Fortescue Group

Please contact the Company if you have further queries in relation to this announcement.

Yours faithfully  
**DGO GOLD LIMITED**

**EDUARD ESHUYS**  
**CHAIRMAN**

## **DGO Gold Limited**

DGO's exploration strategy is focused on the search for major sediment-hosted gold deposits in Australia. The company holds exploration land positions in the Pilbara WA, The Eastern Goldfields, WA, and the Adelaide Geosyncline in SA covering 9,423 km<sup>2</sup>.

The company's strategy, led by veteran gold geologist, Executive Chairman Eduard Eshuys is based on the extensive research of Distinguished Professor Ross Large, former Head of the Centre for Excellence in Ore Deposits (CODES) of the University of Tasmania. Professor Large is a member of DGO's specialist consultant team that includes Professor Neil Phillips, former Chief of the Division of Exploration and Mining, CSIRO and a specialist in Witwatersrand Basin gold mineralisation, Dr Stuart Bull a sedimentary basin specialist and Barry Bourne of Terra Resources, a highly experienced mineral exploration geophysicist.

Research undertaken by CODES has identified a concentration of the world's major gold deposits during several distinct geological time frames coinciding with periods of higher than normal concentration of gold in the oceans. DGO's landholdings have been acquired in favourable locations in sedimentary basins of analogous geological age.

### ***Competent person statement***

*Exploration or technical information in this release has been prepared by **Mr. Ian Prentice BSc**, who is a consultant to DGO Gold Limited and a Member of the Australian Institute of Mining and Metallurgy. Mr. Prentice has sufficient experience which is relevant to the style of mineralisation under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr. Prentice consents to the report being issued in the form and context in which it appears.*