



**DGO Gold Limited**

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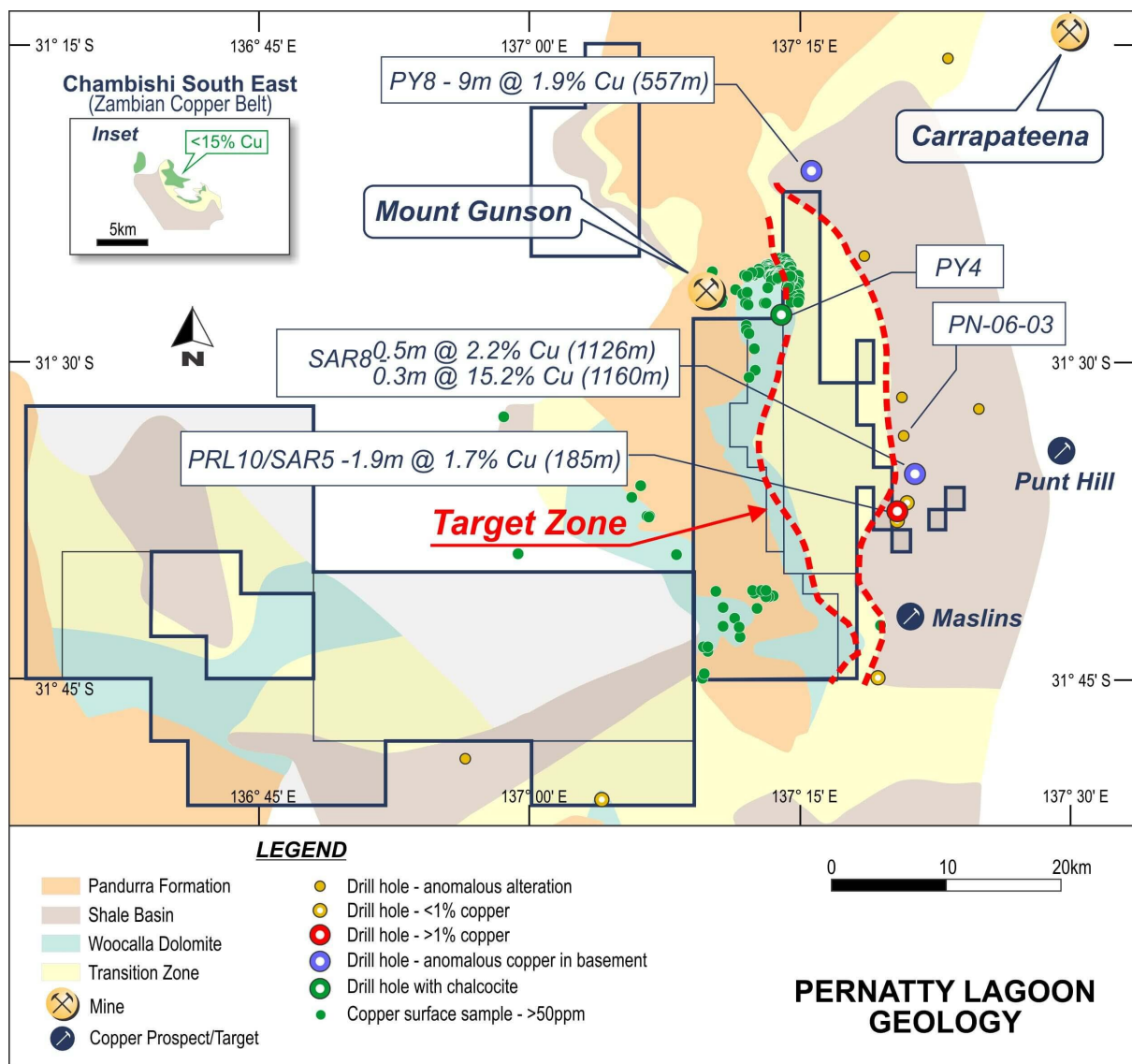
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## **DGO successfully awarded a \$300,000 grant under the Accelerated Discovery Initiative for exploration at Pernatty Lagoon, South Australia**

- DGO Gold has been awarded a \$300,000 grant from the South Australian government to test sediment hosted copper targets at Pernatty Lagoon
- The Accelerated Discovery Initiative provides government co-funding toward exploration activities in South Australia
- Detailed analysis of historic data in the Stuart Shelf, South Australia has identified a +20km long, Zambian Copper Belt (ZCB) style sediment hosted copper target within DGO's land holding
- The transition zone target is supported by ore grade copper mineralisation of 1.9m @ 1.7% Cu from 185m within a diamond core hole drilled in 1976 immediately east of the target zone.
- No drilling has occurred within the identified +20km target zone.
- DGO plans to conduct a program of diamond and reverse circulation drilling to test the ZCB style target, and a passive seismic survey to facilitate modelling of the sedimentary basin.



**DGO Gold Limited (ASX: DGO)** is pleased to announce that the South Australian government has awarded to DGO a grant of \$300,000 for a program of passive seismic and diamond drilling at Pernatty Lagoon.

The South Australian Government's Accelerated Discovery Initiative provides co-funding of exploration activities in South Australia to support the potential discovery of new mineral and groundwater resources, while also delivering economic and social benefits. South Australia has a long history of supporting the exploration industry with PACE funding leading to the discovery of the Carrapateena copper gold mine. The government's support of DGO's program provides independent validation of the strength of our exploration model.

DGO's consultant, Dr Stuart Bull, an expert in Zambian Copper Belt deposits, has identified a +20km long transition zone between shallow water carbonates (Woocalla Dolomite) and reduced basin shales (Tapley Hill shale) overlying a basement high of oxidised sandstone (Pandurra Formation) as shown in Figure 1. The basin setting at Pernatty Lagoon has many

similarities with the edges of the Katangan Basin which hosts deposits such as Chambishi (40Mt @ 2.6% Cu).

Significantly, copper has been identified in historic drillholes immediately east of DGO's tenements at the Tapley Hill-Pandurra contact close to the interpreted transition zone. Selection Trust Ltd intersected 1.9m @ 1.7% Cu from 185m when exploring for sedimentary copper immediately east of Pernatty in 1976 (hole PRL10/SAR5 - Open file report ENV02703)<sup>1</sup>. This result was not adequately followed up before the tenement was relinquished in 1978. The results highlight the potential for significant mineralisation within the interpreted transition zone.

Based on historic drill hole intersections to the east and west of Pernatty Lagoon, the depth to the prospective transition zone may be less than 100m. Therefore, Pernatty Lagoon is a shallow, compelling, and highly prospective copper target in a province where sedimentary copper potential has been largely ignored for the last 40 years and warrants further work.

### **Planned Exploration**

DGO plans to commence field operations at Pernatty Lagoon in the second half of 2020 which will comprise:

- An initial program of diamond and reverse circulation drilling in accessible sections of the interpreted ZCB style transition zone.
- A passive seismic survey to better understand the basin structure.

DGO has engaged local, South Australian consultants to assist with obtaining the necessary native title, land access and regulatory approvals to test the copper targets identified. COVID-19 has delayed native title and heritage approval processes but these processes are now restarting.

### **Pernatty Lagoon Background**

DGO's Pernatty Lagoon tenements are located in the Eastern Gawler Craton, South Australia within the Stuart Shelf Copper-Gold Province. DGO's tenements cover 2,201km<sup>2</sup> over seven granted exploration licences and one exploration licence application immediately to the east and south of the Mount Gunson copper deposits, approximately 120km northwest of Port Augusta (Figure 2).

The Stuart Shelf Copper-Gold Province is a major copper province that includes examples of both Iron Oxide-Copper-Gold (IOCG) and stratiform sediment-hosted copper mineralisation in a NNW trending corridor 40km wide and at least 300km long. Deposits on the Stuart Shelf

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<sup>1</sup> The Exploration Results have not been reported in accordance with the JORC Code 2012. a Competent Person has not done sufficient work to disclose the Exploration Results in accordance with the JORC Code 2012. It is possible that following further evaluation and/or exploration work that the confidence in the prior reported Exploration Results may be reduced when reported under the JORC Code 2012. That nothing has come to the attention of the acquirer that causes it to question the accuracy or reliability of the former owner's Exploration Results but the acquirer has not independently validated the former owner's Exploration Results and therefore is not to be regarded as reporting, adopting or endorsing those results.

include, the stratiform copper-cobalt deposits at Myall Creek, Mt Gunson and Emmie Bluff, BHP's world class Olympic Dam copper-gold-uranium mine, and a number of other copper-gold deposits including Oz Minerals' Prominent Hill and Carrapateena deposits.

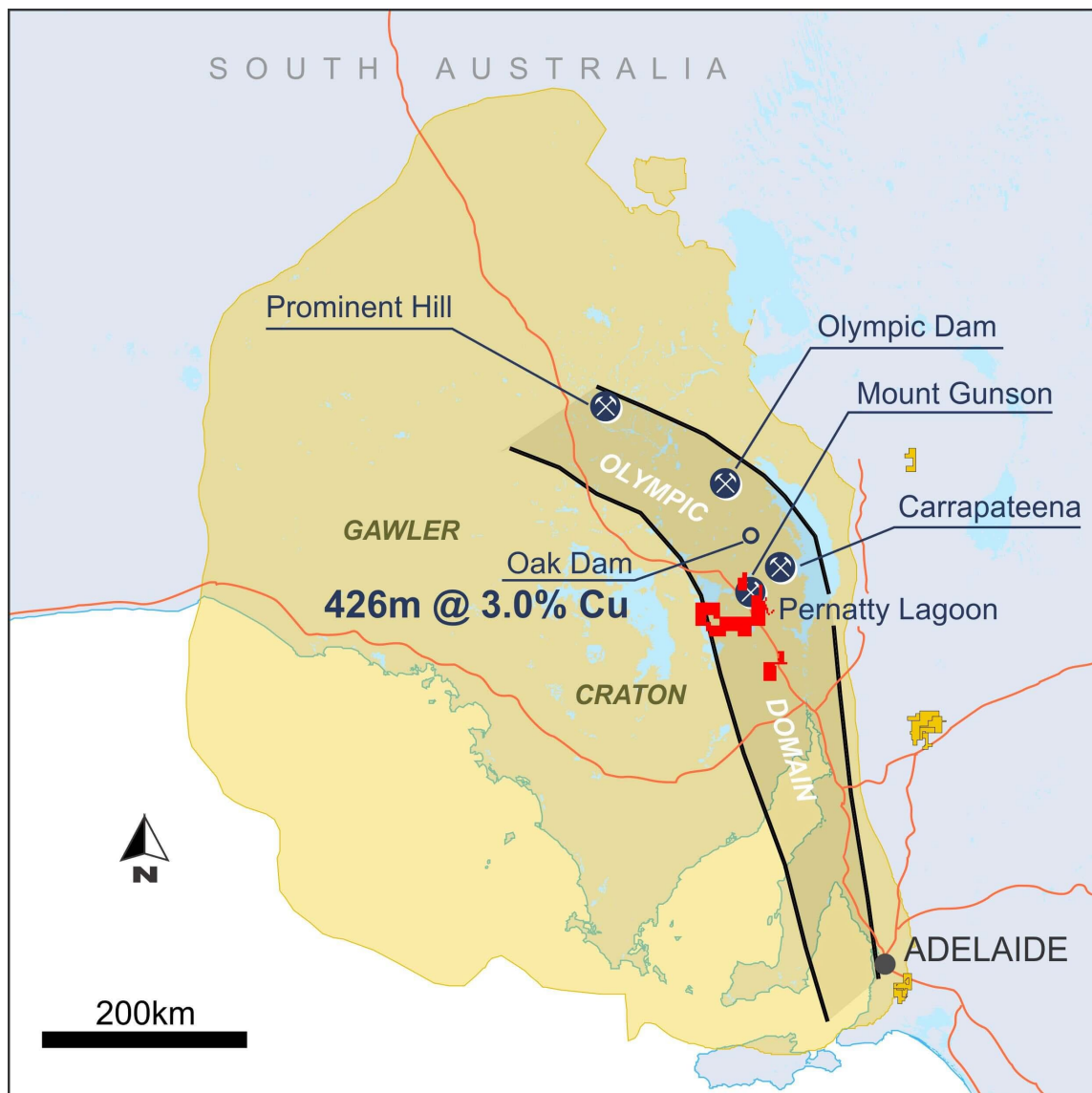


Figure 2: Location of DGO tenements in the Eastern Gawler Craton, South Australia

**DGO Executive Chairman, Eduard Eshuys, commented that “DGO thanks the South Australian government for supporting exploration at Pernatty Lagoon with an ADI grant. The Company has a highly compelling sediment hosted copper target based on carefully researched models and concepts and looks forward to drilling it later in 2020.”**

**Eduard Eshuys**  
**Executive Chairman**

**Competent person statement**

*Exploration or technical information in this release has been prepared by **David Hamlyn**, who is the General Manager - Exploration of DGO Gold Limited and a Member of the Australian Institute of Mining and Metallurgy. Mr Hamlyn 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 Hamlyn consents to the report being issued in the form and context in which it appears.*

**DGO GOLD**

DGO's strategy is to build a portfolio of Western Australian gold discovery opportunities through strategic equity investment and through tenement acquisition and joint ventures. DGO seeks to identify and invest in discovery opportunities that meet several key criteria:

**Prospectivity** – Geological analogue to Tier 1 deposits

**Low-finding cost** – Gold discovery opportunities where finding costs are assessed to be comparable to the brownfields average of \$20 per ounce.

**Potential for scale** – Initial resource potential of greater than 3 million ounces, required to support successful development.

**Upside Optionality** – Potential for long term resource growth well beyond 3 million ounces and potential for upside surprise via either a Tier 1 discovery or discovering significant high grade mineralization.

The Company's exploration strategy is led by veteran gold geologist, Executive Chairman, Eduard Eshuys, supported by a specialist consultant team comprising, Professor Ross Large AO, former head of the Centre for Ore Deposits and Earth Sciences (CODES), Professor Neil Phillips, former head of Minerals at CSIRO, Dr Stuart Bull, a sedimentary basin and Zambian Copper Belt specialist, and Barry Bourne of Terra Resources, a highly experienced mineral exploration geophysicist.