

16 April 2020

Mallina Drilling to Commence

- **A maiden 35 hole, 3,000m aircore drilling program is contracted to commence as soon as the drilling rig is mobilised.**
- **Detailed review of open file geophysical data has identified electromagnetic and magnetic anomalies indicative of intrusions in close proximity to Scottie Well**
- **Analysis of DGO soil sampling has identified a strong gold and arsenic anomaly coincident with previously reported gold nuggets (2) at Scottie Well**

DGO Gold Limited (ASX: DGO) is pleased to report that the detailed analysis of multi-element soil sampling and open file geophysics has identified a number of compelling targets prospective for Hemi style gold mineralisation in the Company's 100% owned tenements at Mallina Gold Province, Pilbara, Western Australia.

A 12km long anomaly has been outlined by the analysis of multi-element soil sampling data (2km by 160m) by Geochemical Services Pty Ltd. In addition to previously reported gold-soil anomaly which broadly corresponded with the position of the east-west shear structure, Geochemical Services' also identified arsenic anomalies in the vicinity of Scotties Well and on the margins of intrusive granites (refer Figure 1).

DGO engaged Terra Resources Pty Ltd to review open file data to determine the geophysical signature of De Grey Mining Ltd's (De Grey) recent Hemi discovery and identify similar targets within DGO's land holding. Terra's analysis has identified discrete magnetic features associated with known mineralisation at Hemi. Application of this knowledge led to the identification of similar magnetic features in DGO's tenements. One magnetic anomaly 5km northeast of Scottie Well occurs at the intersection of an anticline and a regional fault, and is associated with one of the arsenic anomalies identified by Geochemical Services.

A helicopter borne vertical time-domain electromagnetic survey (VTEM) anomaly by Normandy Exploration in 2000 previously reported by DGO (ASX:DGO 25/10/2017) identified a near surface EM anomaly immediately north of Scottie Well and adjacent to a granitic intrusion (refer Figure 1).

At Hemi, De Grey has reported that gold mineralisation is hosted in a stockwork within intrusions associated with pyrite and arsenopyrite (ASX:DEG 9 April 2020). Previous explorers noted that the Scottie Well area had sporadic gold bearing quartz veins related to intrusive activity (WAMEX Open File Report A11292). **The presence of gold nuggets, intrusion**

related gold, and both gold and arsenic in soil anomalies at Scottie Well highlights the significance of this prospect.

A drilling company has been contracted to complete 3000m of aircore drilling to test the Scottie Well target. Drilling is scheduled to start as early as next week (conditional on there being no changes to Western Australia's policies and procedures for travel between regions) and is expected to take 8 to 10 days to complete with assays expected four weeks after completion.

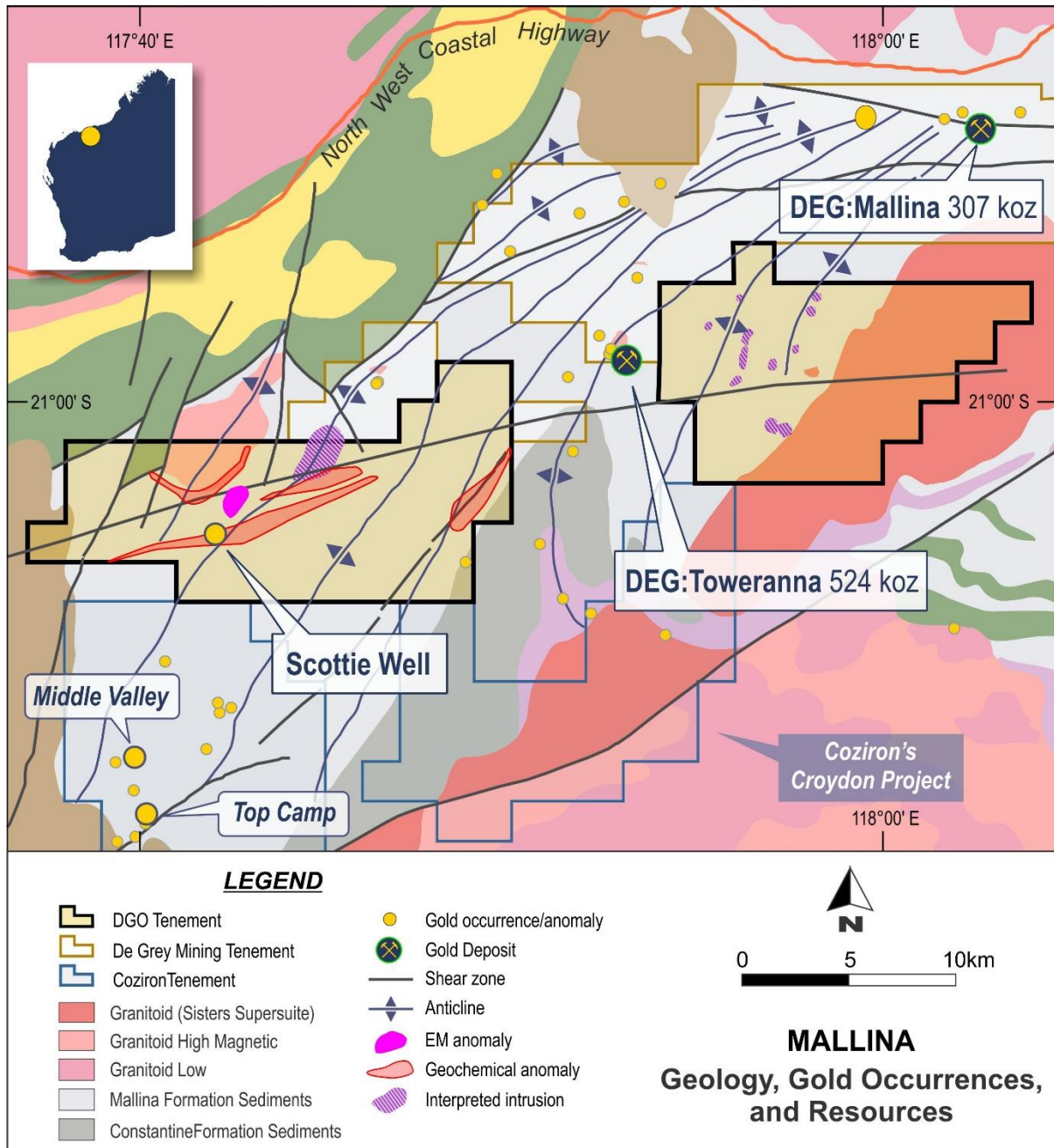


Figure 1: Mallina geology, gold and arsenic in soil anomalies, and EM and magnetic anomalies

Mallina Background

Research commissioned by DGO and undertaken by the University of Tasmania Centre for Ore Deposit and Earth Science (CODES) identified the Mallina Belt as being a favourable

sedimentary basin with the right geological age to host major gold deposits. On this basis DGO acquired 100% owned exploration licences in 2016 and expanded its interest in the Mallina Belt through investing in De Grey in 2018.

Gold occurrences in this region are commonly sediment or intrusion hosted and associated with anticlinal axes, particularly where they intersect major structures. DGO's Mallina tenements adjoin De Grey's Pilbara Gold Project and share a similar geological and structural setting to De Grey's tenements which host substantial structurally controlled gold resources and the recent intrusion related Hemi discovery, 75km east-northeast.

DGO holds over 30km's of strike length of a major ENE-trending structure that parallels the Mallina Shear Zone (for comparison De Grey hold 200km of structures; ASX:DEG 11/11/2019). The intersection of both intrusives and anticlines with the structure in DGO's land is associated with a significant geochemical anomaly that defines the Scottie Well target.

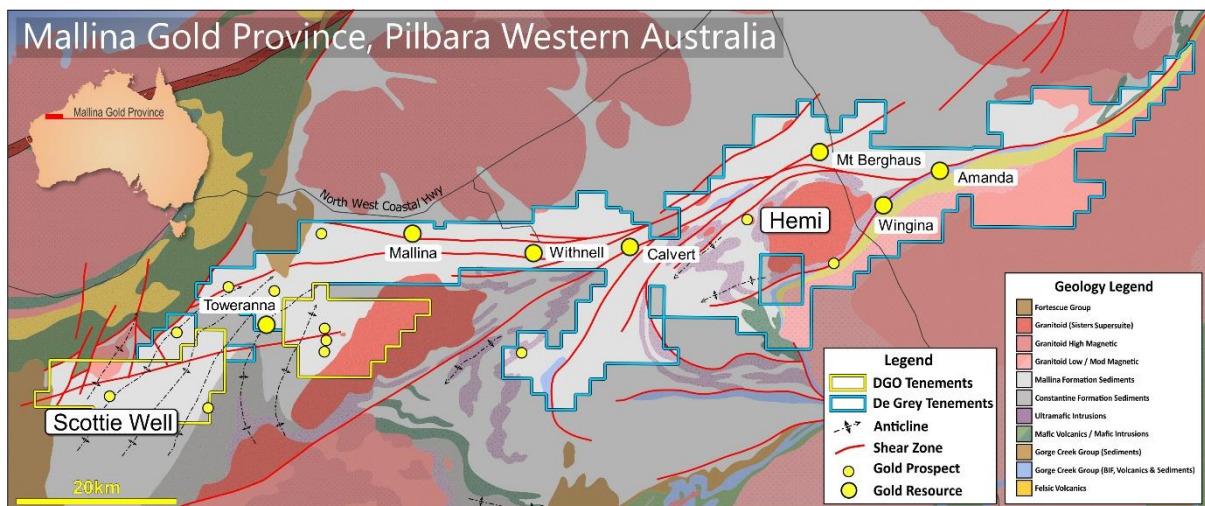


Figure 2: DGO Mallina Tenure with Significant Gold Deposits, Occurrences, and Targets

DGO Executive Chairman, Eduard Eshuys, commented that “De Grey’s recent success highlights the potential for significant discoveries in the Mallina Belt. DGO’s maiden drilling program at Mallina is the culmination of 3 years of detailed data compilation, research, and analysis. This work shows that Scottie Well has all the ingredients for a discovery, and we are optimistic about the outcome of the maiden drilling program.”

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.