

## **SIGATOKA BULK SAMPLE PROGRAM**

Dome Gold Mines Limited (“Dome” or “Company”) (ASX code: DME) is pleased to report that collection of a 15-20 tonne bulk sample is now underway at the Company’s Sigatoka magnetite and industrial sand project at Sigatoka, Fiji.

Until recently, field operations had been suspended in Fiji due to Covid related health restrictions. Fiji has now achieved a remarkable first vaccination rate of 97.3% with double vaccinations exceeding 59.6% of its population. As a result, certain business activities are now permitted to resume when in compliance with Department of Health, Environment and Mineral Resources conditions. Dome has fully complied with their requirements and our employees are fully vaccinated.

Collection of the bulk sample and the pilot plant processing that will follow at IHC Mining’s metallurgical facilities at Yatala, Queensland is an important component of the Sigatoka Definitive Feasibility Study (DFS).

### **SIGATOKA (SPL1495) BULK SAMPLE PROGRAM**

Earlier this year, Dome completed preparatory steps to collect and ship a 15-20 tonne sample of sand containing magnetite and other heavy minerals from Sigatoka to IHC Mining at Yatala, Queensland for large-scale pilot plant processing. The sample is being collected from several sites that represent variations in the sand deposit. The sample is being placed into 1 tonne heavy duty bulk bags that are loaded into a twenty-tonne marine container for safe shipment to the port of Brisbane (see Figure 1 and Plates 1 to 6).



**Figure 1** – Red star images mark approximate locations of bulk sample sites on an image of part of the Sigatoka deposit



Plate 1 – Excavator and truck on site for bulk sample collection



Plate 2 – Depth measurement prior to sample collection



**Plate 3** – Deep sample collection



**Plate 4** – Collected sample loaded for transport to bagging site



**Plate 5** – Sample site reclamation



**Plate 6** – Sample being prepared for drying and bagging



On arrival at the metallurgical facility, the bulk sample will be processed through a pilot plant simulating full-scale plant operations. The pilot plant will generate process engineering information for commercial plant design, final process engineering and equipment selection and other data needed for determination of detailed capital and operating cost financial modelling.

The pilot plant will produce samples of magnetite concentrate and industrial sand for market evaluation and off-take negotiation purposes. Further investigation of the heavy mineral concentrate will be conducted to determine if enhanced or additional saleable products can be developed. This program represents a major step toward completion of the DFS study.

In conjunction with the pilot plant program, the Company is in discussions with engineering and environmental consultants concerning efficient management of the completion of the DFS study and an update of the environmental impact assessment.

## CORPORATE

As at 30 June 2021 Dome held \$201K in cash. Since the end of the financial year and to the date of this release the Company has successfully raised \$2,741,380 before costs.

For further information about Dome and its Fijian projects, please refer to the Company's website [www.domegoldmines.com.au](http://www.domegoldmines.com.au) or contact the Company at (02) 8203 5620.

This announcement has been approved by the Board of Dome Gold Mines Ltd.



**J.V. McCarthy**  
Chairman

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## ABOUT DOME

Dome is an Australian mining company that listed on the ASX on the 22 October 2013. The Company is focussed on gold, copper and iron and industrial sands in Fiji, where it holds three highly prospective exploration tenements. Dome's objective is to become a major force in the mining industry of Fiji by the discovery and development of mineral resources within its Fijian tenements.

Sigatoka is a heavy mineral sand project containing abundant magnetite. Drilling to establish an initial resource estimate for the project has been completed, and preparations are now underway to undertake a definitive feasibility study. Commencement of production at Sigatoka by conventional sand mining and wet processing is anticipated within two years.

Our other projects are the Ono Island epithermal gold project, where an initial exploration diamond drilling was completed in early July 2018, and the Nadrau porphyry copper-gold project, where additional exploration programs are expected to take place at a later date.

Dome's Board and Management team has a high level of experience in Fiji, and Dome has been actively exploring in Fiji since 2008.

**DOMES MINES LTD TENEMENT SCHEDULE**

Tenement	Name	Holder	Interest %	Area (hectares) at	
				31 March 2016	Expiry Date
<b>SPL 1451</b>	Ono Island	Dome Mines Ltd	100	3,028	24/06/2023
<b>SPL 1452</b>	Central Viti Levu	Dome Mines Ltd	100	33,213	26/08/2022
<b>SPL 1495</b>	Sigatoka Ironsand	Magma Mines Ltd	100	2,522	10/02/2022