

ASX Announcement

ASX Code: DME

27 October 2022

## ACTIVITIES REPORT FOR SEPTEMBER QUARTER 2022

Dome Gold Mines Limited ("Dome" or "Company") (ASX code: DME) is pleased to report activities at its industrial sand-magnetite-heavy mineral, its Nadroga copper-gold and Ono Island gold-silver projects in Fiji for the period ended 30 September 2022.

### Highlights

- **Mr Darren Grant has taken up the senior management position of Country Manager in Fiji to accelerate the advancement of Dome's Sigatoka project and other business interests in Fiji.**
- **Samples of magnetite concentrate and washed industrial sand from the pilot plant have been presented to potential customers as a prerequisite to offtake discussions.**
- **During the September 2022 quarter, engineering, mine planning, marketing, Geotech, marine studies, and EIA consultants have continued working diligently on all aspects of the DFS. The completion of the DFS will be a major milestone toward mine development at the Sigatoka Project.**

### APPOINTMENT OF COUNTRY MANAGER

Dome management is pleased to announce the appointment of Mr. Darren Grant as Country Manager to Dome's wholly owned subsidiaries, Magma Mines Pte Ltd and Dome Mines Pte Ltd. The appointment is effective from 1 October 2022.

Darren brings 30 years of experience as a Qualified Accountant working in many sectors including import/export of construction equipment, mining exploration and education and has worked in reputable organisations in Australia and the United Kingdom.

Appointment of the Country Manager demonstrates the increasing commitment Dome is making to Fiji to operate ethically and sustainably within the Fijian community and for the Fijian community. We are confident that Darren's work experience and professional skills will greatly benefit the Company and accelerate advancement of its projects for the benefit of the Fijian community and Dome's shareholders.

### **SIGATOKA (SPL1495) DFS PROGRESS**

The Sigatoka Definitive Feasibility Study has continued advancement toward completion through the September quarter. As is typical of such studies several parts of the project plan have been identified where additional data or surveys are needed to address concerns of Government Departments and/or the local community.

Samples of the magnetite produced during large scale pilot plant processing earlier this year are currently being tested to determine if the iron content can be increased from a presently 59.7% to above 62% by low-cost processing methods.

Early results indicate that a significant improvement in iron content is possible, but further work is required to confirm the gain in sale price is worth the cost.



Magnetite concentrate product from the large scale pilot plant program

Dome's activities at Sigatoka have attracted the interest of the Fiji press and we are thankful that newspaper articles recently published have been generally fair to the Company while bringing to our attention concerns of members of the Sigatoka community that will certainly be addressed as part of the DFS and EIA.



Industrial sand samples from large scale pilot plant program

Samples of industrial sand, again produced during piloting are undergoing tests to determine the range of applications that are possible. Once again, the preliminary results are showing that not only is the product of commercial interest, but it may qualify for higher strength structural uses therefore broadening the potential market.

Work on all of the DFS packages is progressing well including several new areas of investigation now required by the Fiji Government.

## **ONO ISLAND (SPL1451) GOLD-SILVER & NADROGA (SPL1452) PORPHYRY COPPER-GOLD**

As reported in the June quarterly report, Dome entered into a Non-Disclosure Agreement with a major multi-national mining group who had expressed an interest in examining Dome's two hardrock projects in Fiji. Rock, geochemical and drill core samples collected during a field inspection of the two SPL's have been submitted for analysis. Results will be reported when available.

An application for a further 3-year renewal of SPL1542 has been submitted and is being processed by the Mineral Resources Department.

### **CORPORATE AND ADDITIONAL INFORMATION**

Dome Gold Mines Limited ("Dome" or "the Company") provides this additional information regarding the quarterly activities report for the quarter ended 30 September 2022.

During the Quarter the Company expended \$824K on exploration and related activities. The majority was spent on exploration activities at the Sigatoka Project in Fiji, which is wholly owned by Dome. Approximately \$816K was spent on Sigatoka DFS program, which includes Fiji office operations, consultants' fees, pilot plant processing and other travel related costs.

The balance was expended on sundry exploration and tenement, accounting and administration related costs. No expenditure was incurred during the Quarter on mining production and development activities.

Payments to related parties of the entity and their associates during the September 2022 quarter totaled \$60K, which were all directors' fees.

As at 30 September 2022 Dome held \$2.545M in cash.

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 quarterly report has been approved by the Board of Dome Gold Mines Ltd.



**J.V. McCarthy**  
Chairman



### **No Material Changes**

The Company confirms it is not aware of any new information or data that materially affects the information included in this quarterly activities report and that all material assumptions and technical parameters underpinning the exploration activities in this market announcements continue to apply and have not materially changed.

### **Competent Persons Statement**

The information in this Quarterly Report that relates to Exploration Results is based on information compiled by John V McCarthy. Mr McCarthy is the non-executive Chairman of the Company and a Member of the Australasian Institute of Mining and Metallurgy and has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activities 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'. Mr McCarthy, through his family Superfund, holds shares in the Company and is paid fixed directors fees for his services. He consents to the inclusion in this Quarterly Report of the matters based on his information in the form and context in which it appears.

### **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 initial stages of a definitive feasibility study are now underway. Commencement of production at Sigatoka by conventional sand mining and wet processing is anticipated within two years.

Dome's other projects are the Ono Island epithermal gold project, where an initial exploration diamond drilling was completed in early July 2018, and the Nadrau project, where additional exploration programs for copper-gold porphyry deposits are warranted.

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

### **DOME 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	26/04/2025

**\*Note:** An application for a 3-year renewal of SPL1452 is currently being processed by the Mineral Resources Department