

ASX Announcement

ASX Code: DME

30 October 2023

## ACTIVITIES REPORT FOR THE SEPTEMBER QUARTER 2023

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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 2023.

### Highlights

- **DFS review has recommended modification to the proposed sand processing plant as well as magnetite recovery tests to obtain performance data**
- **A draft Contract prepared between Magma Mines Pte Limited (wholly owned Dome Fiji subsidiary) and the Ministry of Agriculture and Waterways concerning the Sigatoka River Emergency Desilting Project undergoing Solicitor General office assessment**
- **Negotiations continue for the renewal of SPL1451 and SPL1452**

### SIGATOKA (SPL1495) DFS AND EIA PROGRESS

An expert’s review of the final draft of the DFS documentation has determined that modification of the process plant expected to result in significant reductions in capital and operating costs will require test programs of the proposed drum magnet magnetite recovery system. In the revised plant configuration magnetite will be recovered from the slurry followed by a standard sand washing and screening processing. Removal of the other non-magnetitic heavy minerals is no longer necessary since retaining them in the sand products has been shown to improve characteristics of cement or asphalt when the sand is used in mixes to make these industrial products.

While the magnetite recovery tests are underway a final mine plan and schedule can be finalised for the South Kulukulu resource area, a Geotech drilling program at the location of the proposed process plant and other infrastructure and local evaluation of the logistics for product transport and delivery.

When these programs are completed the final feasibility report will be compiled for submission to the MRD along with the EIA as part of the application for a Mining Lease.

## **Emergency De-silting and Dredging Works for Flood Mitigation Purposes – Ministry of Agriculture and Waterways (MAW)**

Magma has continued extensive dialogue with MAW to finalise procedural matters necessary to commence this important Government/private initiative. The two key approving authorities, namely MAW and Ministry of Lands and Resources (MLMR) have expressed their full support for the project and the manifold benefits that will result.

## **ONO ISLAND (SPL1451) RENEWAL APPLICATION**

Dome Mines Pte Limited has submitted licence renewal documentation to the Mineral Resources Department (MRD) for SPL 1451 (Ono Island). There continue to be industry wide concerns about the introduction of more comprehensive EIA requirements by the Department of Environment (DOE) at the exploration stage that normally apply when a mine is being proposed. Recent leadership changes at the DOE are expected to readopt more reasonable EIA conditions at the exploration stage when the impact on the environment is minimal and is not permanent.

## **NADROGA (SPL1452) PORPHYRY COPPER-GOLD**

On 25 July 2023, the Mining Appeals Board (MAB) advised the Company the principal reason for their decision not to recommend renewal of SPL1452 was Dome had not provided in advance written notification that the Covid-19 emergency measures would interrupt the Companies exploration activities. In fact, the Company had written several times regarding the problems caused by local and international travel restrictions and how proposed exploration could not be conducted as planned. The Company has been notified that MRD was ready to reconsider the renewal decision and MRD and Dome are currently negotiating conditions for the renewal of the SPL.

## **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 2023.

During the Quarter the Company expended \$141K 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 \$132K 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

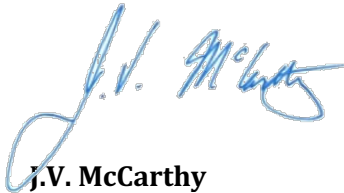
and administration related costs. No expenditure was incurred during the Quarter on mining production and development activities.

Payments to related parties of the entity and their associates during the September 2023 quarter totaled \$22K, which were directors' fees and superannuation guarantee.

As at 30 September 2023 Dome held \$231K 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.

A handwritten signature in blue ink, appearing to read "J.V. McCarthy".

**J.V. McCarthy**  
Chairman

#### **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.*

#### **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.

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

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:** The SPL 1451 licence expired on 24/6/23 and an application for its renewal has been submitted to the MRD.

**\*Note:** An application for a 3-year renewal of SPL 1452 was processed by the MRD and they did not recommend renewal of the SPL1452 as Dome's proposed exploration program was not completed. Dome appealed to the Mining Advisory Board (MAB) on the basis the Covid emergency and wet seasonality had effectively prevent access to the SPL for 2 of the three years of the Licence. The MAB notified Dome on 5 July 2023 that the Company's appeal had been rejected and the reasons for this decision were provided on 25 July 2023. The Company was advised that the principal reason for rejection of the renewal was that the Company had not provided written advice of the changes to its proposed exploration. In fact, Dome had written several letters of notification about the negative impacts that Covid-19 restrictions were having on it plans. MRD has subsequently responded that under conditions to be negotiated the renewal of SPL1452 could proceed. No final decision has been reached as of the date of this report.