

ASX Announcement

ASX Code: DME

27 April 2017

ACTIVITIES REPORT FOR MARCH QUARTER, 2017

HIGHLIGHTS

- SPL 1451 (Ono Island) and SPL 1452 (Nadrau) licences renewed by MRD
- Drill targets selected on Ono Island that target high sulphidation epithermal gold deposition
- Drill program on Ono to commence second quarter 2017

Dome Gold Mines Limited ("Dome" or "the Company") (ASX: DME) is pleased to report on activities at its industrial sand-magnetite, copper and gold projects in Fiji for the period ended 31 March 2017.

Ono Island Project (SPL 1451)

The Company is pleased to announce that SPL 1451 has been renewed for a period of three years commencing on 13 February 2017. Dome proposes to shortly undertake a 5,000m exploration drilling program to test anomalies discovered during an Induced Polarisation (IP) geophysical survey conducted in August-September 2016 (see ASX releases dated 15 August 2016 and 7 October 2016).

Interpretation of the offset pole-dipole IP survey completed in 2016 has identified a number of resistivity and conductivity anomalies that offer attractive targets for epithermal gold-silver mineralisation.

Two offset pole-dipole arrays were surveyed. On the eastern Naqara prospect the array produced coherent data showing a NNW trending linear resistivity anomaly that was evident nearer surface and coincident with a distinct chargeability anomaly at increasing depth. Figure 1 shows the surface alteration extent of the two prospects as well as the IP survey lines and the proposed locations of the first 5 drill holes.

Although the relationship between resistivity and chargeability is poor near surface at Naqara West there are indications of increasing chargeability at depth. In part this may be due to the chargeability response (particularly at the Naqara West prospect) being impacted by the proximity and incursion of seawater and the rugged and more deeply incised terrain in the west. This contributed to "low earth resistivities" particularly for deeper readings (below 300m to 400m).

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Figure 1 - Naqara East and West Prospects on Ono Island showing the extent of hydrothermal alteration and the IP survey lines. Proposed drill hole locations (A to E) are based on the IP results and surface geology



Figure 2 – Schematic model of a volcano showing the typical location of sulphide mineralisation relative to the interpreted land surface on Ono Island.

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Results from the IP survey in combination with anomalous geochemistry, geological/alteration mapping and petrological studies of outcrop samples justify undertaking an initial exploration drilling program on Ono Island, targeting epithermal gold. As one of the few remaining untested epithermal targets along the so-called "Rim of Fire" in the South West Pacific, Ono is a rare opportunity for the discovery of a major gold deposit.

The schematic model in Figure 2 shows how the hydrothermal alteration, anomalous geochemistry, present land surface and IP data may indicate the presence of gold-silver bearing sulphide mineralisation in this environment. Up to 10 x 500m diamond drill holes are planned in the first stage of the program.

Nadrau Project (SPL 1452)

Dome is pleased to report that SPL 1452 was renewed for a further period of 2 years from 13 February 2017. SPL 1452 covers an area in Central Viti Levu where geological mapping and soil geochemistry have outlined two porphyry copper-gold prospects (Namoli and Wainivau). Future exploration on these prospects will include IP and magnetometer surveys. The objective of this work is to provide focus for a future exploration drilling program at both the Namoli and Wainivau Prospects.

EXPLORATION PLANS – JUNE QUARTER 2017

Following on from the offset pole-dipole IP survey at Ono Island, a ten-hole diamond drilling program is being planned, with two holes in Naqara West and three proposed at Naqara East followed by a further five holes on the best targets to emerge from that initial work. The proposed first five holes are designated A, B., C, D and E on Figure 1.

Funding continues to be sought to complete the Definitive Feasibility Study on the Sigatoka industrial sand-magnetite project.

CORPORATE

Subsequent to the end of the quarter, the Company reached agreement to place 1,567,500 new fully paid ordinary shares to raise \$337,012 from professional and sophisticated investors.

Expenditure incurred on exploration activities during the quarter totalled \$137,000.

As at 31 March 2017, Dome held \$333,292 in cash.

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

M clerch cCarthy

Chief Executive Officer



COMPETENT PERSONS' STATEMENTS:

The information in this report that relates to Exploration Results is based on information compiled by John McCarthy, who is Chief Executive Officer of the Company. Mr McCarthy is a geologist who is 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 indirectly holds shares in the Company and consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Geophysical Results is based on information compiled by Steve Collins, who is an independent consultant employed by Arctan Services Pty Ltd. Mr Collins is a Member of the Australasian Institute of Geoscientists 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 Collins holds no shares in the Company or the property and consents to the inclusion in this 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, which listed on the ASX on 22 October 2013. The Company is focussed on gold, copper and mineral sands in Fiji, where it holds three highly prospective exploration tenements. The Company'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 mineral sand project containing abundant heavy metals including magnetite. Drilling to establish an initial resource estimate for the project has been completed, and further drilling is expected to increase the resource base substantially. Commencement of production at Sigatoka by conventional dredging and wet processing is anticipated within two years.

Our other projects are the Ono Island epithermal gold project and the Nadrau porphyry copper-gold project.

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

Tenement	Name	Holder	Interest %	Area (hectares)	Expiry Date
SPL 1451	Ono Island	Dome Mines Ltd	100	3,028	12/02/2020
SPL 1452	Central Viti Levu	Dome Mines Ltd	100	33,213	12/02/2019
SPL 1495	Sigatoka Ironsand	Magma Mines Ltd	100	2,522	13/07/2018

DOME MINES LTD TENEMENT SCHEDULE

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