

## ACTIVITIES REPORT FOR DECEMBER QUARTER, 2014

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### HIGHLIGHTS

- **Special Mining Lease application for Sigatoka Iron Sand Project under preparation**
- **Favourable Environmental Impact Assessment Report**

#### Corporate:

- **\$871,565 cash position as at 31 December 2014**

### MARCH 2015 QUARTER – PLANNED ACTIVITIES

- **Sigatoka scoping study ongoing**
  - **Sigatoka land access agreements being negotiated**
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Dome Gold Mines Limited (“Dome” or “the Company”) (ASX: DME) is pleased to report on activities at its heavy mineral iron sand, copper and gold projects in Fiji for the period ended 31 December 2014.

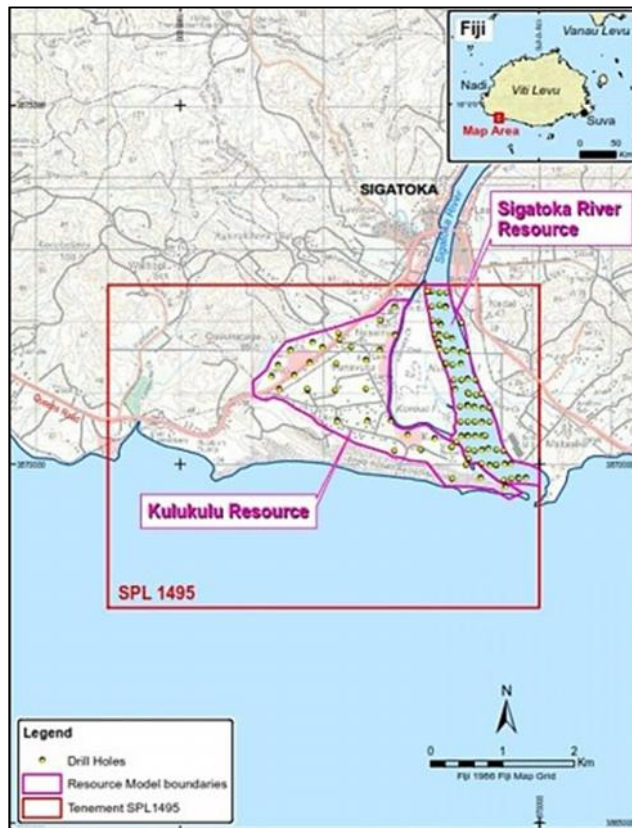
During the Quarter the company announced a Maiden JORC 2012 Resource Estimate for its 100%-owned Sigatoka Iron Sand Project, located on the main island of Viti Levu, Fiji (see Figure 1). The project is held under Special Prospecting Licence (SPL) 1495 by Dome’s subsidiary Magma Mines Ltd.

A Maiden Resource Estimate of 131.6 million tonnes includes Indicated Mineral Resources of 25 million tonnes @11.6% Heavy Minerals (“HM”) at Sigatoka River, and Inferred Mineral Resources of 100.7 Mt @ 17% HM at the onshore Kulukulu prospect and 5.9 million tonnes @ 11% HM at Sigatoka River<sup>1</sup>.

The Resource consists of detrital magnetite and other heavy minerals in a coastal sand deposit. In addition to magnetite concentrate, non-magnetic heavy mineral concentrate and sand and gravel suitable for industrial or land reclamation uses are expected to be produced during processing.

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<sup>1</sup>See Dome ASX release dated 10 October 2014, ‘131.6MT Maiden Resource Estimate for Dome’s Sigatoka Iron Sand Project’



SIGATOKA RIVER INDICATED AND INFERRED RESOURCE ESTIMATE SUMMARIES																					
JORC Classification	ZONE	VOLUME (m3)	DENSITY (g/cm3)	TONNES (t)	HM TONNES (t)	MAG1 TONNES (t)	%HM Feed	%HM in Sand	+4mm Sand	1-4mm Sand	38micron-1mm Sand	-38micron	Average MAGSUS	%MAG1 in Feed	%V in MAG1	%TiO2 in MAG1	%Fe in MAG1	%SiO2 in MAG1	%Al2O3 in MAG1	%P in MAG1	%S in MAG1
Indicated	Lower Fine Sand [ZONE 1]	10,455,000	1.8	18,819,000	2,176,686	344,765	11.6	15.8	8.7	10.5	73.1	7.6	16.6	1.8	0.35	6.6	56.4	4.6	3.8	0.06	0.92
	Upper Coarse Sand [ZONE 2]	3,616,875	1.8	6,510,375	749,895	98,882	11.5	19.7	17.5	20.3	58.3	3.9	14.3	1.5	0.36	6.6	57.1	4.2	3.7	0.07	0.57
	Subtotal	14,071,875	1.8	25,329,375	2,926,581	443,648	11.6	16.8	11.0	13.0	69.3	6.7	16.0	1.8	0.35	6.6	56.6	4.5	3.7	0.06	0.83
Inferred	Lower Fine Sand [ZONE 1]	2,547,188	1.8	4,584,938	488,976	75,814	10.7	15.7	10.4	13.1	68.6	7.9	12.9	1.7	0.36	6.6	56.9	4.4	3.7	0.06	1.08
	Upper Coarse Sand [ZONE 2]	749,063	1.8	1,348,313	145,771	15,437	10.8	19.9	21.1	20.9	53.5	4.5	11.7	1.1	0.36	6.6	57.4	4.3	3.8	0.07	0.36
	Subtotal	3,296,250	1.8	5,933,250	634,747	91,251	10.7	16.6	12.8	14.9	65.2	7.1	12.6	1.5	0.36	6.6	57.0	4.4	3.7	0.06	0.91
<b>TOTAL</b>		<b>17,368,125</b>	<b>1.8</b>	<b>31,262,625</b>	<b>3,561,328</b>	<b>534,899</b>	<b>11.4</b>	<b>16.8</b>	<b>11.3</b>	<b>13.4</b>	<b>68.5</b>	<b>6.8</b>	<b>15.4</b>	<b>1.7</b>	<b>0.4</b>	<b>6.6</b>	<b>56.7</b>	<b>4.5</b>	<b>3.7</b>	<b>0.1</b>	<b>0.8</b>

KULUKULU INFERRED RESOURCE ESTIMATE SUMMARIES																		
JORC Classification	ZONE	VOLUME (m3)	DENSITY (g/cm3)	TONNES (t)	HM TONNES (t)	MAG1 TONNES (t)	%HM Feed	%HM in Sand	+4mm Sand	1-4mm Sand	45micron-1mm Sand	-45micron	Average MAGSUS	%MAG1 in Feed	%Fe in MAG1	%TiO2 in MAG1	%SiO2 in MAG1	%Al2O3 in MAG1
Inferred	Lower Fine Sands [ZONE 1]	26,503,750	1.8	47,706,750	6,482,038	1,371,544	13.6	17.0	4.2	9.4	79.6	6.8	19.4	2.9	53.8	6.5	7.7	4.5
	Upper Coarse Sands [ZONE 2]	23,972,500	1.8	43,150,500	9,044,127	1,120,794	21.0	24.4	3.3	6.7	85.3	4.7	21.7	2.6	53.8	6.5	8.0	4.4
	Elluvial Sands [ZONE 3]	5,166,250	1.8	9,299,250	1,723,947	243,101	18.5	25.0	6.5	9.3	72.6	11.5	19.7	2.6	53.9	6.5	7.8	4.5
<b>TOTAL</b>		<b>55,642,500</b>	<b>1.8</b>	<b>100,156,500</b>	<b>17,250,111</b>	<b>2,735,439</b>	<b>17.2</b>	<b>20.9</b>	<b>4.0</b>	<b>8.2</b>	<b>81.4</b>	<b>6.3</b>	<b>20.4</b>	<b>2.7</b>	<b>53.8</b>	<b>6.5</b>	<b>7.8</b>	<b>4.5</b>

**Note:** The table presents the Indicated and Inferred estimates without rounding and this is not intended to convey an increase in the precision of the estimates.  
The cut-off grade used is 8% HM.  
Mag 1 represents magnetic minerals captured at 300 Gauss.

Figure 1 – Sigatoka River and Kulukulu resource area and estimates

On 3 December 2014 Dome received an Environmental Impact Assessment report prepared by independent environmental specialists, Corerega Environment Consultants. This important document will form part of the Special Mining Lease (SML) application which is under preparation. The report concluded that “The proposed mining, dredging and mineral extraction development project is likely to have significant economic benefits to the local area, the region and the Country of Fiji and local

residents are likely to benefit from the increase in productivity of land, river and marine environment and through job opportunities”.

The submission of the SML application will be an important milestone for the Sigatoka Iron Sand Project and will be a primary focus for Dome during the first quarter of 2015.

**EXPLORATION**

**Nasivi Delta Iron Sand Project (SPL1454), Fiji**

Although the Company is focusing its effort on the Mining Lease application for Sigatoka, planning to prepare for the deep water drilling campaign at the Nasivi-Yaqara iron sands project is also taking place. It is proposed that the deep water testing system that will be used at Sigatoka can also complete testing at Nasivi-Yaqara.

**Ono Island Project (SPL1451)**

Although no exploration was conducted on the Ono Island epithermal gold-silver project during the Quarter the Company did obtain a quote to conduct an Induced Polarisation geophysical survey over the high sulphidation epithermal gold-silver system that has been geologically mapped on the island (see Figure 2). This program is expected to be conducted in conjunction with the IP and magnetometer survey proposed for the Nadrau Project (SPL1452).

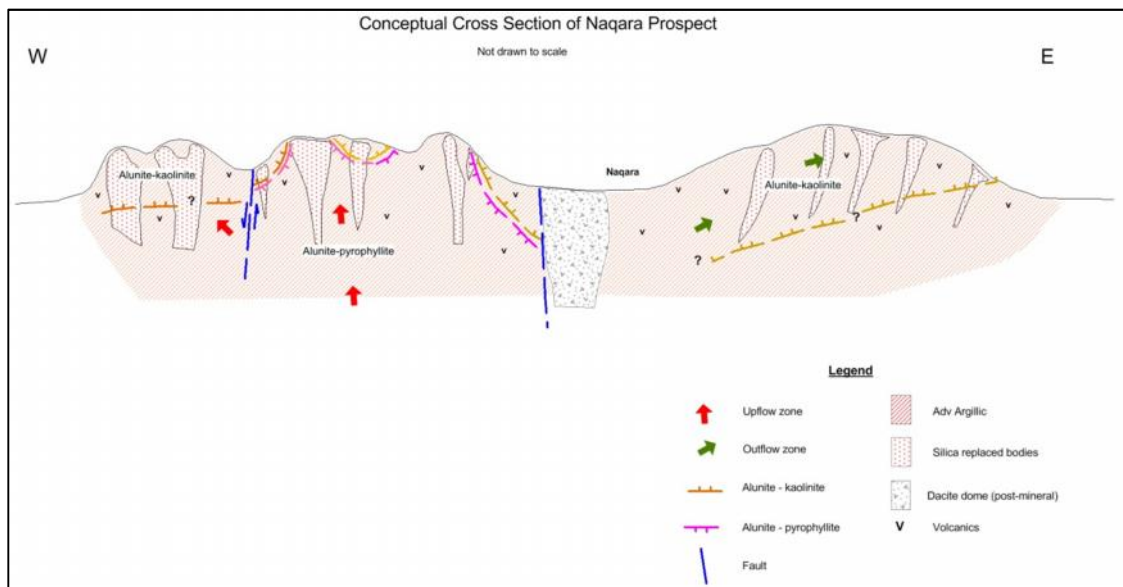


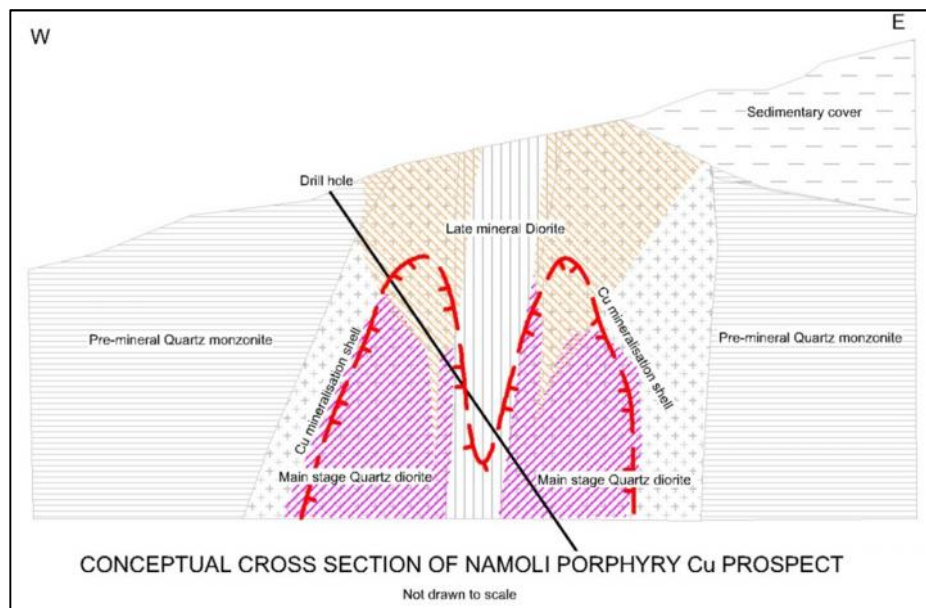
Figure 2 – Conceptual cross section of the high sulphidation epithermal system mapped on Ono Island

**Nadrau Project (SPL1452)**

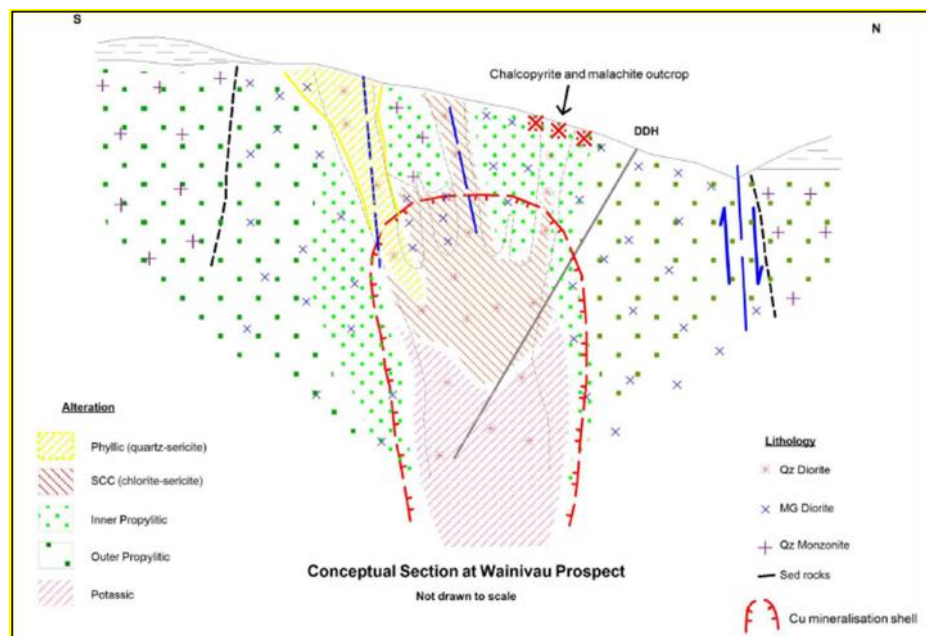
Dome announced in July that it had discovered outcropping copper mineralisation during exploration field work at the Wainivau Prospect, part of the Nadrau Porphyry Copper-Gold Project on Fiji’s main island of Viti Levu. Dome found copper minerals (malachite and chalcopyrite) in veinlets in outcropping

porphyry intrusive rocks, associated with magnetite and pyrite, typical of the roof of a mineralised porphyry system.

The Company has obtained quotes to undertake three dimensional Induced Polarisation and magnetometer surveys over two porphyry copper-gold prospects, namely the Namoli Prospect and the Wainivau Prospect (see Figures 3 & 4). The objective of this work is to provide subsurface data on the intrusive systems whose interpretation will assist with targeting of exploration diamond drill holes. This work is being delayed until April 2015 given that the wet season commenced in December in Fiji.



**Figure 3 - Conceptual cross section of the Namoli porphyry intrusive system. Note the drill hole as shown is as proposed and has not yet been drilled.**



**Figure 4 - Wainivau porphyry system conceptual cross section. Note the drill hole as shown is as proposed and has not yet been drilled.**

### Exploration Plans – March Quarter 2015

As most of the March quarter falls within the seasonal wet period in Fiji, field activities will be limited and attention will be focussed on the Special Mining Lease application.

### CORPORATE

#### Share Placements

Subsequent to the end of the quarter, the Company reached agreement to place 515,000 new fully paid ordinary shares for a total consideration of \$154,500 and 769,230 new fully paid ordinary shares for a total consideration of \$199,999.80 from professional and sophisticated investors.

#### Cash position

As at 31 December 2014, Dome held \$871,565 in cash.

For further information about Dome and its 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.



J V McCarthy  
Chief Executive Officer

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#### **COMPETENT PERSON'S STATEMENT:**

*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.*

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#### **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 four 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.

On 25 August 2014 Dome shareholders approved the merger of Dome with Magma Mines Ltd, owner of the Sigatoka project and this is now the Company's flagship project in Fiji. Sigatoka is a mineral sand project containing abundant heavy metals including magnetite. Drilling to establish a resource estimate for the project is partially completed with commencement of production at Sigatoka by conventional dredging and wet processing within two years.

Our other projects are the Nasivi-Yaqara Delta heavy mineral sand project, the Kadavu epithermal gold project, which bears similarities to the Emperor Gold Mine at Vatukoula, and Nadrau porphyry copper-gold project, which may be like that at the nearby Namosi 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.

#### DOME MINES LTD TENEMENT SCHEDULE

Tenement	Location	Holder	Area (Ha)	Expiry Date	Interest %
<b>SPL 1451</b>	Kadavu Island Group	Dome Mines Ltd	4,440	22/08/2016	100
<b>SPL 1452</b>	Central Viti Levu	Dome Mines Ltd	42,570	26/08/2016	100
<b>SPL 1454</b>	Nasivi-Yaqara Deltas	Dome Mines Ltd	12,510	22/08/2016	100
<b>SPL 1495</b>	Sigatoka Iron Sand	Magma Mines Ltd	2,522	13/02/2015	100