

## ASX Announcement

**ASX Code: DME** 

**18 December 2018** 

# SIGATOKA IRONSAND PROJECT MOVES ON TO FEASIBILITY

On 30 July 2018 Dome Gold Mines Ltd (Dome) announced that it had entered into a Heads of Agreement with IHC Robbins (IHC), a wholly owned subsidiary of Royal IHC of the Netherlands, appointing IHC to conduct a Definitive Feasibility Study (DFS) on the Sigatoka Ironsand Project in Fiji. Further to that announcement, Dome now advises that it has signed a contract with IHC allowing the DFS to commence. Over the course of the next twelve months, the DFS for Sigatoka will assess all aspects of mining, processing, marketing and project economics.

The DFS will comprise two broad phases of investigation, with a decision point at the end of the first phase. The initial program, to cost \$500,000, is intended to set the basic parameters that will guide the second and larger part of the study. In doing so, it will also provide confirmation that the indicative economics for the Sigatoka project remain valid and allow re-assessment of the project in the light of current markets. A decision can then be made about a preferred development route that will form the basis of the remainder of the DFS.

The primary tasks of the DFS are to consider in depth the optimal means, scale and economics of developing Sigatoka as a sand mining operation producing magnetite sand, other heavy minerals, industrial sand and gravel. The objective is to maximise returns while meeting or exceeding all of the Company's obligations in regard to environmental protection, social licencing and its undertakings to the Fijian Government. Upon completion of the DFS, Dome will have all the information needed to make a fully informed decision about proceeding with mine development.

Three bulk samples, each of approximately 850kg, have been collected, representing three separate areas within the Sigatoka sand deposit. Those samples have been shipped to the facilities of IHC near Brisbane, Queensland, where they will be tested in the IHC pilot plant to determine the most suitable processing techniques and point to the preferred development option. That procedure will also provide a number of samples of possible products that can be assessed for market demand and pricing.

Plans are in place to collect a second, much larger bulk sample from Sigatoka, of approximately 40 tonnes, and deliver that to IHC in a timely manner while the preliminary program is in progress. More refined samples of likely products, including magnetite (iron ore), other heavy minerals, industrial sand and gravel, will be produced from the second sample.

The information to flow from these preliminary studies will be assessed by Dome and IHC and applied to set a framework for the full scale DFS to follow.

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While the preliminary work is underway at IHC, Dome will carry out a final sonic drilling campaign at Sigatoka that aims to infill and extend the existing data and allow an update of the current JORC 2012 resource estimate. Sonic drilling is scheduled to resume on February 1, 2019 and will take approximately 4 months to complete (see Figure 1 for approximate drill hole locations).

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.

Melendy

J V-McCarthy <u>Chief Executive Officer</u>

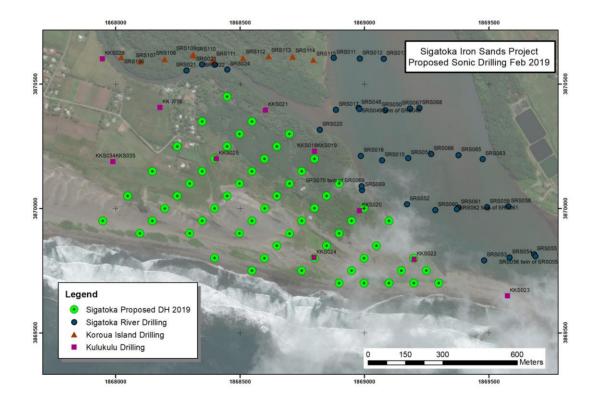


Figure 1 – Location map of sonic drill holes to be completed starting February 1, 2019

#### COMPETENT PERSONS' STATEMENT:

The information in this report that relates to Exploration Results on Sigatoka 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

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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.

### **ABOUT DOME**

Dome is an Australian mining company, which listed on the ASX in 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, where an initial drilling program took place earlier in 2018, and the Nadrau porphyry copper-gold project, where a geophysical (IP) survey is expected to constitute the next phase of exploration.

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

## **ABOUT IHC**

In an ever-changing political and economic landscape, Royal IHC enables its customers to execute complex projects from sea level to ocean floor in the most challenging of maritime environments. We are a reliable supplier of innovative and efficient equipment, vessels and services for the offshore, dredging and wet mining markets.

With a history steeped in Dutch shipbuilding since the mid-17th Century, we have in-depth knowledge and expertise of engineering and manufacturing high-performance integrated vessels and equipment and providing sustainable services. From our head office in The Netherlands and with 3,000 employees working from sites and offices on a global basis, we are able to ensure a local presence and support on every continent.

Dredging operators, oil and gas corporations, offshore contractors, mining houses and government authorities all over the world benefit from IHC's high-quality solutions and services. With our commitment to technological innovation, in which sustainability and safety are key, we strive to continuously meet the specific needs of each customer in a rapidly evolving world.

For more information about IHC please visit: www.royalihc.com

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