

ASX Release
13 July 2018

QUARTERLY ACTIVITIES REPORT FOR PERIOD ENDING 30 JUNE 2018

Highlights

Mackay SOP Project

- **Pre-Feasibility Study highlights the potential for the Mackay SOP Project to become the world's largest and lowest cost supplier of seaborne SOP**
- **Definitive Feasibility Study activities commenced**
- **Additional long-term pump testing and trench excavation completed**

Corporate

- **Cash balance of \$5.9 million at 30 June 2018**
- **Capital raising of \$10.0 million (before costs) completed subsequent to the quarter end**
- **Transition of Chairperson to occur over coming months**

Agrimin Limited (ASX: AMN) ("Agrimin" or "the Company") is pleased to report its activities for the quarter ending 30 June 2018.

Mackay SOP Project – Western Australia (100% owned)

The Mackay Sulphate of Potash ("SOP") Project is located on Lake Mackay in Western Australia and is 100% owned by Agrimin. The Project tenements cover an area of 4,335km² and are located 785km south of the Port of Wyndham (**Figure 1**).

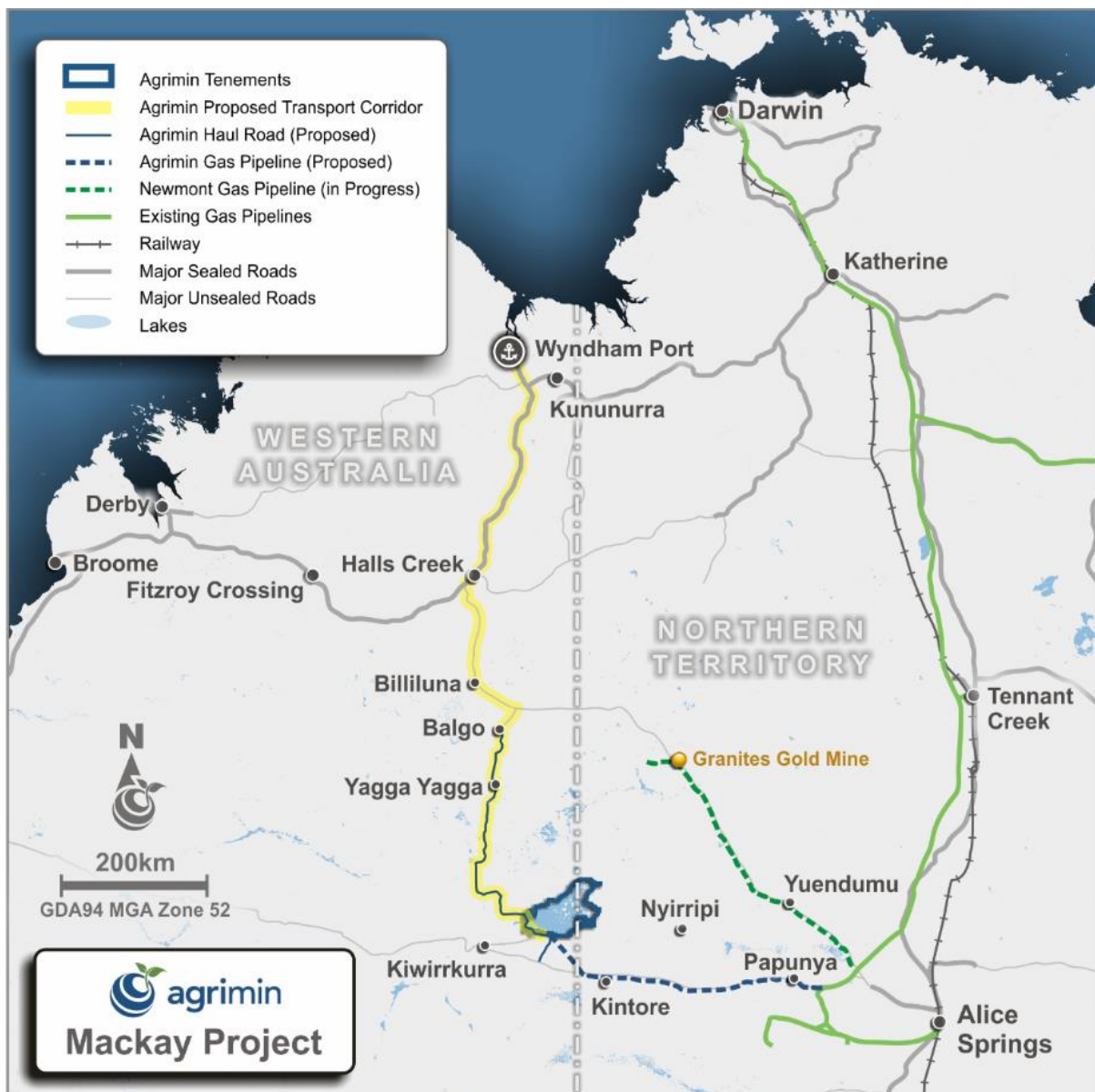
Lake Mackay is the largest known SOP-bearing salt lake in Australia and is the low point of an enormous groundwater and surface water catchment area. Lake Mackay covers an area of approximately 3,500km² and measures approximately 80km east-west and north-south. The salt lake is comparable in size to the two major sources of primary SOP production, being the 4,400km² Great Salt Lake in the USA and the 5,500km² Lop Nur (Luobupo operation) in China.

Lake Mackay’s hydrogeological setting and significant size provide important attributes that support the development of a globally significant SOP operation. The SOP Mineral Resource is hosted by a single contiguous brine deposit that commences approximately 40cm below surface across the entire deposit area. The deepest drill hole on Lake Mackay is 30m with the deposit remaining open below this depth.

The closest community is Kiwirrkurra which is approximately 60km southwest of the Project area. The Company has signed a Native Title Agreement with Tjamu Tjamu (Aboriginal Corporation) RNTBC, the native title registered body corporate for the Kiwirrkurra people. The agreement provides the necessary consents for the Project’s development and operations.

The Project is expected to employ a workforce of approximately 200 people during operations. It will also be a catalyst for substantial investment in regional transport and power infrastructure throughout the central and top end of Australia.

Figure 1. Mackay SOP Project Location Map



MOU for Wyndham Port

During the quarter, the Company signed a non-binding Memorandum of Understanding (“**MOU**”) with Cambridge Gulf Ltd (“**CGL**”). The MOU provides a framework to explore options to use the existing port infrastructure at Wyndham and/or develop new infrastructure to support the shipment of SOP from the Mackay SOP Project.

The Company and CGL are currently scoping the requisite interfaces and location options to provide the most cost effective port operations and shiploading solutions for a range of cargo types and sizes. The Company’s Pre-Feasibility Study (“**PFS**”) is based on bulk transportation of SOP in road trains from the Project site to a storage shed at Wyndham Port. Shiploading is based on the use of rotaboxes and the existing wharf.

CGL is responsible for the operation and management of the Wyndham Port via an operating agreement with the Western Australian Department of Transport. It facilitates the import and export of a variety of commodities through the storage facilities on CGL freehold land within the Wyndham Port precinct including nickel concentrate, agricultural products, bulk diesel and crude oil.

Pre-Feasibility Study

The PFS for the Mackay SOP Project was completed in May 2018 by Advisian, the consulting business line of WorleyParsons Group. The PFS is based on the extraction of brine-hosted SOP mineralisation from a single aquifer unit which commences approximately 40cm below ground surface. Brine is planned to be extracted solely from shallow trenches and fed into a series of solar evaporation ponds. Potassium-bearing salts will precipitate in the ponds and will be wet harvested and pumped to the process plant.

The process plant has been designed for a capacity of 426,000tpa of SOP as dry granular product, with the PFS assuming a product mix of 50% granular and 50% standard product. The PFS assumed all production is shipped through Wyndham Port via an integrated mine-to-ship logistics chain.

Refer to the Company’s ASX Release on 7 May 2018 for details of the PFS results.

Definitive Feasibility Study

Subsequent to the completion of the PFS, the Company has engaged consultants to commence Definitive Feasibility Study (“**DFS**”) activities across various disciplines.

Mineral Resource

During the quarter, the Company reported an updated Mineral Resource Estimate which was completed in accordance with the guidelines of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code), 2012 Edition.

The specific yield Mineral Resource Estimate includes an Indicated Mineral Resource of 10.0 million tonnes (“**Mt**”) and an Inferred Mineral Resource of 16.1Mt of SOP. The total porosity Mineral Resource Estimate includes an Indicated Mineral Resource of 92.2Mt and an Inferred Mineral Resource of 172.3Mt of SOP. The Mineral Resource Estimate has been defined to a depth of 30m and the deposit remains open beneath this depth.

Refer to the Company’s ASX Release on 7 May 2018 for details of the Mineral Resource Estimate.

Fieldwork Update

Long-term pumping tests were ongoing during the quarter and further tests are planned at other trench locations throughout the second half of 2018. This work continues to provide increased confidence in predicted brine recovery rates and the hydrogeological model for the DFS.

The Company also completed pre-commissioning of its pilot evaporation ponds on Lake Mackay during the quarter. The ponds will facilitate the long-term evaporation trial to support the DFS and are primarily designed to test the following key parameters:

- Refinement of the evaporation and crystallisation pathway of the lake brines under site conditions with daily and seasonal variation;
- Provide further supporting evaporation data for pond sizing and configuration purposes;
- Address other specific technical parameters including pond operating depth, brine entrainment, pond start-up and timing, and other operating requirements; and
- Produce Potassium salt samples that are representative of those anticipated at full-scale to support a range of product development and marketing activities.

Environmental

During the quarter, the Company continued to engage with key authorities and stakeholders, as well as undertaking further environmental studies to assist an environmental assessment of the Project.

Corporate Activities

Share Issues

During the quarter, the Company issued 1,000,000 ordinary shares due to the exercise of unlisted options with an exercise price of \$0.15 per share. No other ordinary shares or other securities were issued during the quarter.

Transition of Chairperson

During the quarter, the Company advised that its Non-Executive Chairperson, Mr Brad Sampson, has informed the Board of his intention to transition from the Chairperson role to that of a Non-Executive Director. Accordingly, the Company has commenced a search process to recruit a new Chairperson. Mr Sampson will continue as Chairperson until a new appointment is made to ensure an orderly transition.

Business Development

Various business development opportunities are constantly under consideration, with all opportunities being assessed in context of the Company's current strategic goals and risk profile.

Tenement Interests

Table 2. Schedule of Tenement Interests as at 30 June 2018

Tenement Ref.	Project	Holder	State	Status	Interest
Exploration Licences					
E80/4887	Mackay SOP	Agrimin Potash Pty Ltd	W.A.	Granted	100%
E80/4888	Mackay SOP	Agrimin Potash Pty Ltd	W.A.	Granted	100%
E80/4889	Mackay SOP	Agrimin Potash Pty Ltd	W.A.	Granted	100%
E80/4890	Mackay SOP	Agrimin Potash Pty Ltd	W.A.	Granted	100%
E80/4893	Mackay SOP	Agrimin Potash Pty Ltd	W.A.	Granted	100%
E80/4995	Mackay SOP	Agrimin Potash Pty Ltd	W.A.	Granted	100%
E80/5055	Mackay SOP	Agrimin Potash Pty Ltd	W.A.	Granted	100%
E80/5124	Mackay SOP	Agrimin Potash Pty Ltd	W.A.	Application	100%
E80/5172	Mackay SOP	Agrimin Potash Pty Ltd	W.A.	Application	100%
E80/5173	Mackay Metals	Agrimin Metals Pty Ltd	W.A.	Application	100%
E80/5174	Mackay Metals	Agrimin Metals Pty Ltd	W.A.	Application	100%
E80/5175	Mackay Metals	Agrimin Metals Pty Ltd	W.A.	Application	100%
E80/5242	Mackay Metals	Agrimin Metals Pty Ltd	W.A.	Application	100%
E80/5243	Mackay Metals	Agrimin Metals Pty Ltd	W.A.	Application	100%
E80/5244	Mackay Metals	Agrimin Metals Pty Ltd	W.A.	Application	100%
E80/5245	Mackay Metals	Agrimin Metals Pty Ltd	W.A.	Application	100%
EL30651	Mackay SOP	Agrimin Limited	N.T.	Application	100%
EL31780	Mackay SOP	Agrimin Limited	N.T.	Application	100%
EL31781	Mackay SOP	Agrimin Limited	N.T.	Application	100%
Miscellaneous Licences					
L80/87	Mackay SOP	Agrimin Potash Pty Ltd	W.A.	Granted	100%
L80/88	Mackay SOP	Agrimin Potash Pty Ltd	W.A.	Granted	100%
L80/89	Mackay SOP	Agrimin Potash Pty Ltd	W.A.	Application	100%

ENDS

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About Agrimin

Based in Perth, Agrimin Limited is a leading fertilizer development company focused on the development of its 100% owned Mackay SOP Project. The Project is situated on Lake Mackay in Western Australia, the largest undeveloped SOP-bearing salt lake in the world. Agrimin is aiming to be a global supplier of high quality SOP fertilizer to both traditional and emerging value-added markets. Agrimin Limited's shares are traded on the Australian Stock Exchange (ASX: AMN).

Forward-Looking Statements

This ASX Release may contain certain "forward-looking statements" which may be based on forward-looking information that are subject to a number of known and unknown risks, uncertainties, and other factors that may cause actual results to differ materially from those presented here. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. Forward-looking information includes exchange rates; the proposed production plan; projected brine concentrations and recovery rates; uncertainties and risks regarding the estimated capital and operating costs; uncertainties and risks regarding the development timeline, including the need to obtain the necessary approvals. For a more detailed discussion of such risks and other factors, see the Company's Annual Reports, as well as the Company's other ASX Releases. Readers should not place undue reliance on forward-looking information. The Company does not undertake any obligation to release publicly any revisions to any forward-looking statement to reflect events or circumstances after the date of this ASX Release, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.

Competent Person's Statements

The information in this ASX Release that relates to Exploration Results, Mineral Resource Estimates and Pre-Feasibility Study results are extracted from the relevant ASX Releases and are available on www.asx.com.au and Company's website on www.agrimin.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous ASX Releases and, in the case of the Mineral Resource, that all material assumptions and technical parameters underpinning the estimates in the ASX Release on 7 May 2018 continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the previous ASX Releases.