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# **MACKAY SOP PROJECT UPDATE**

#### Highlights

**ASX Release** 

8 June 2016

- Permitting and preparations are on track for the next field program to commence in Q3-2016
- Scoping Study is progressing well and scheduled for completion in Q3-2016
- Final results from the evaporation trial are due in June 2016

Agrimin Limited (ASX: AMN) ("Agrimin" or "the Company") is pleased to provide an update on the progress being made on its 100% owned Mackay Sulphate of Potash ("SOP") Project. Proceeds from the recently announced equity raising will be sufficient to comfortably fund the Company's ongoing development studies and planned field program.

## Scoping Study

Significant progress has been made towards completion of the Scoping Study. The key areas which are largely complete include the hydrogeological modelling, trench design, pond system design, tailings storage design and process flow diagram.

The overall project design criteria have been finalised, with engineering design and cost estimation now underway. Lycopodium and Knight Piesold are on schedule to complete the study in Q3-2016.

## 2016 Field Program

Agrimin has commenced the standard approvals process for on-ground exploration to begin in Q3-2016. The Company recently attended an on-country meeting with the Tjamu Tjamu (Aboriginal Corporation) RNTBC to present its proposed activities for the current year. Agrimin continues to receive tremendous support from the local community and traditional owners.

Agrimin has a clear project execution pathway and this has been supported by the outcomes of the Scoping Study to date.



The next phase of on-ground exploration is planned to include:

- Detailed topographic surveying for on-lake infrastructure, including trenches and pond systems;
- Infill drilling to collect additional drill core for variability analysis and enhanced characterisation of the brine resource and measurement of key aquifer properties;
- Cone penetration testing to gather additional data on geotechnical properties applicable to the ponds;
- Delineating groundwater resources for processing requirements; and
- Progressing environmental baseline studies.

#### **Evaporation Trial**

In January 2016, Agrimin commissioned its first evaporation trial which was undertaken by Independent Metallurgical Operations Pty Ltd ("**IMO**") at its facility in Perth. Agrimin's technical team has worked closely with IMO staff to carry out the trial over a 92 day period.

The evaporation trial utilised a 460 litre brine sample collected from the Mackay Project which was not synthetically modified in any way. XRD analysis on the harvested salt samples showed that the trial successfully produced the targeted potassium sulphate bearing salts, being Leonite and Kainite. Importantly, these salts are appropriate for the production of SOP using conventional solar evaporation and processing techniques.

The trial data has been incorporated into a detailed mass balance and has been used to develop the process flow diagram for integration into the Scoping Study.

Final laboratory analyses and reporting for the first trial are pending. The Company is also currently designing further trials to test the variability of several key parameters. These next trials are planned to commence in Q3-2016.

#### ENDS

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