

**ASX Release**  
**29 October 2021**

## **QUARTERLY ACTIVITIES REPORT FOR PERIOD ENDING 30 SEPTEMBER 2021**

### **Highlights**

#### **Mackay Potash Project**

- Offtake negotiations advanced with multiple international fertiliser companies
- Awarded Lead Agency Status by the Western Australian Government
- Environmental Impact Assessment progressed with the Environmental Review Document submitted to the Environmental Protection Authority
- Heritage surveys completed across all three native title determination areas to clear the proposed haul road and associated infrastructure
- Front End Engineering Design ("FEED") works continued

#### **Corporate**

- Cash balance of \$3.0 million as at 30 September 2021

Agrimin Limited (**ASX: AMN**) ("**Agrimin**" or "**the Company**") is pleased to report its activities for the quarter ending 30 September 2021.

### **Mackay Potash Project – Western Australia (100% owned)**

Agrimin's vision is to establish the Mackay Potash Project ("**the Project**") as the world's leading seaborne supplier of Sulphate of Potash ("**SOP**") fertiliser, to develop the Project with sustainability principles at its core and to empower local Indigenous communities throughout the Project's long life.

The Project is situated on Lake Mackay in Western Australia ("**WA**"), the largest undeveloped potash-bearing salt lake in the world. Lake Mackay hosts significant volumes of brine (hypersaline groundwater) containing dissolved potassium and sulphur which can produce high-grade, water-soluble SOP fertiliser.

SOP has a low salt index and is virtually chloride-free, making it ideal for use on high value crops such as fruits and vegetables. Agrimin's SOP is certified as an allowable input for use in organic production systems.

The Project is located 940km by road south of the Wyndham Port in WA (**Figure 1**). It comprises nine granted Exploration Licences covering 3,057km<sup>2</sup> in WA and three Exploration Licence applications covering 1,240km<sup>2</sup> in the Northern Territory. The closest community to the Project is Kiwirrkurra which is located approximately 60km south-west. A Native Title Agreement is in place and provides the necessary consents for the Project's development and operation.

**Figure 1. Project Location Map**



The Project's development plan is based on the sustainable extraction of brine from Lake Mackay using a network of shallow trenches. Brine will be transferred along trenches into a series of solar evaporation ponds located on the salt lake's surface. Raw potash salts will crystallise on the floor of the ponds and be collected by wet harvesters and pumped as a slurry to the processing plant located off the edge of the salt lake. The plant will refine harvested salts into high quality finished SOP fertiliser ready for direct use by customers. SOP will be hauled by a dedicated fleet of road trains to a purpose-built storage facility at Wyndham Port. At the port, SOP will be loaded via an integrated barge loading facility for shipment to customers.

The Definitive Feasibility Study ("DFS") for the Mackay Potash Project was completed in July 2020. The DFS demonstrated the Project's globally significant scale and that once in operation it could be the world's lowest

cost source of seaborne SOP. The Project also offers excellent potential to expand over time to meet the expected growth in demand for SOP.

The Independent Technical Review (“ITR”) of the Project and the DFS was completed in April 2021 by Advisian Pty Ltd, a subsidiary of the Worley Limited group of companies. The ITR report concluded that, based upon the data described in the report, the identified project risks are not expected to impact the technical and financial viability of the Project, particularly when considering the FEED work programs and mitigations that are planned to occur prior to the Company making a Final Investment Decision (“FID”).

Agrimin’s commitment to a sustainable and ESG-friendly development was embodied throughout the DFS and the Project will deliver on a number of metrics, including:

- Strong engagement with Indigenous people and Traditional Owners, as well as support for important land management and community programs;
- Significant commitment to training and employment opportunities for Indigenous people, particularly in relation to the road haulage operation;
- High renewable energy penetration to deliver very low greenhouse gas emissions along with one of the lowest carbon footprints associated with any macro-nutrient fertiliser product; and
- Creation of critical new seaborne SOP supply to help developing countries achieve their food security goals, especially with respect to increasing demand for high value crops such as fruits, vegetables, tree nuts and grape-vines.

Following completion of the DFS and ITR, the Mackay Potash Project is now rapidly advancing toward an FID. Current activities include:

- Project funding and strategic partnerships;
- FEED work, execution planning and contracting; and
- Mining tenure and environmental approvals.

#### **Product Marketing and Project Funding**

During the quarter, the Company neared the finalisation of additional binding offtake agreements. These offtake agreements will be in addition to the Binding Offtake Agreement signed with Sinochem Fertilizer Macao Limited for the supply of 150,000tpa of SOP for sale and distribution in China. Sinochem Fertilizer Macao Limited is a wholly owned subsidiary of Sinofert Holdings Limited, one of China’s largest crop nutrition companies and plays a pivotal role with global potash suppliers to ensure the country’s potash supply.

The Company continued to engage with potential project financiers, including the Northern Australia Infrastructure Facility (“NAIF”) which has expressed its interest to provide concessional longer term debt finance for the Project.

#### **Front End Engineering Design**

The Company’s integrated owner’s team is currently progressing the FEED phase of the Project.

During the quarter, Primero Group Limited advanced the FEED works for the Project’s process plant and associated non-process infrastructure.

Royal IHC has commenced the FEED works for the Project's automated wet harvesting equipment. During the quarter, the Company completed a wet harvesting trial within its pilot evaporation ponds on Lake Mackay.

Completion of long-term wind monitoring at Lake Mackay has allowed the Company to progress the final power system selection for the Project. The Company is working towards maximising renewables penetration by matching process the Project's power demand with the availability of renewable energy supply (load profiling), as well as progressing the potential integration of hydrogen-based storage solutions.

### **Project Approvals**

The Environmental Impact Assessment ("EIA") for the Mackay Potash Project continued during the quarter, and remains the critical path item for the commencement of full-scale construction. The Project will be assessed by the WA Environmental Protection Authority ("EPA") at a Public Environmental Review level with a four week public comment period. The EPA's assessment is an accredited process under a bilateral agreement with the Commonwealth Government, and therefore the Project will not require a separate assessment by the Commonwealth Department of Agriculture, Water and the Environment.

All environmental surveys and studies required to support the EIA have now been completed. During the quarter, the Company submitted its finalised Environmental Review Document ("ERD") to the EPA. The EPA's acceptance of the ERD and the public comment period are the next key steps in the EIA timeline.

In parallel with the EIA, the Company is progressing the Project's other remaining approvals, licences and agreements, which include:

- Department of Mines, Industry Regulation and Safety – Miscellaneous Licences, Mining Lease, Mining Proposal and Mine Closure Plan approvals;
- Department of Water and Environmental Regulation – Works Approval and Licence; and
- Agreements with Parna Ngururpa (Aboriginal Corporation) RNTBC and Tjurabalan Native Title Lands (Aboriginal Corporation) RNTBC for the grant of Miscellaneous Licences over the proposed haul road.

### **Government and Community Engagement**

During the quarter, the Company announced that the Department of Jobs, Tourism, Science and Innovation ("JTSI") will act as the lead agency for the Mackay Potash Project. JTSI is the WA Government's lead agency and provides project facilitation assistance to State significant projects. The majority of the final approvals required for the Mackay Potash Project are managed by the WA Government, emphasising the importance of Lead Agency Status and the streamlining of approvals.

WA's Lead Agency Status is in addition to the Major Project Status awarded to the Mackay Potash Project by the Australian Government in May 2020.

The Company continues its active engagement in local communities and across all levels of Federal, State and Local Government. The Mackay Potash Project enjoys strong support in local communities, particularly given the employment opportunities and economic infrastructure that the Project will create. The Project is expected to create approximately 200 direct full-time jobs and support over 600 jobs through the regional supply chain over its 40 year life, generating valuable long-term opportunities for Indigenous people living in Central Desert communities, as well as people living throughout the broader Kimberley region.

During the quarter, Newhaul Bulk Pty Ltd (the strategic haulage joint venture between Agrimin and Newhaul Pty Ltd) continued to progress plans to establish a Driver Training Academy to maximise the number of local employees and provide further opportunities for local employment and skills training presented by the Project's development. The Driver Training Academy will aim to provide inspiring pathways for young people in Central Desert, East Pilbara and Kimberley communities who are interested in pursuing a long-term career in logistics.

## Lake Auld Potash Project – Western Australia (100% owned)

During the quarter, the Company undertook a heritage survey across the Lake Auld Potash Project and continued its consultations with Western Desert Lands Aboriginal Corporation (Jamukurnu-Yapalikunu) RNTBC, the Native Title representative body for the Martu people.

The Lake Auld Potash Project is located approximately 640km south-east of Port Hedland, WA (**Figure 1**). The Lake Auld Potash Project consists of a granted Exploration Licence covering a lakebed area of 108km<sup>2</sup> across Lake Auld. Lake Auld's exceptionally high grades, favourable climatic conditions for solar evaporation and proximity to a major operating port support the potential for strong economics.

The Lake Auld Potash Project is neighboured either side by the Company's existing Exploration Licence applications which cover the Canning Palaeovalley, including the remainder of Lake Auld and Percival Lakes. The Company's tenements cover the most prospective portion of the 450km long lake system where historic sampling of brine has returned the highest known in-situ SOP grades from an Australian salt lake.

## Corporate Activities

During the quarter, the Company provided a number of virtual presentations, including the Noosa Mining Investor Conference in July 2021.

### Share Issues

No ordinary shares or other securities were issued during the quarter.

### 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.

Agrimin holds a 40% interest in Tali Resources Pty Ltd which has Exploration Licences in WA that are prospective for gold and base metals mineralisation. The Exploration Licences are subject to a Farm-in and Joint Venture Agreement with Rio Tinto Exploration Pty Ltd. A ground gravity survey was undertaken during the quarter.

### Summary of Expenditure Incurred on Activities

The Company incurred \$1,786,000 which for accounting purposes has been allocated to exploration and evaluation activities during the quarter. No expenditure was allocated to development or production activities during the quarter. Exploration and evaluation expenditure during the quarter related to on-site operating costs, FEED works, environmental approvals, native title agreements, product marketing and project financing.

### Payments to Related Parties of the Entity

A description of and explanation for payments to related parties and their associates per Section 6.1 of the Appendix 5B for the quarter ending 30 September 2021 is set out below (**Table 1**).

**Table 1. Payments to Related Parties of the Entity and their Associates**

Item	Current Quarter (A\$)	Previous Quarter (A\$)
<b>Directors' Remuneration</b>		
CEO Salary and Superannuation	82,500	82,500
Non-Executive Director Fees	57,500	57,375
Company Secretarial Fees	9,000	9,000
<b>Total payments to related parties of the entity and their associates</b>	<b>149,000</b>	<b>148,875</b>

## Tenement Interests

**Table 2. Schedule of Tenement Interests as at 30 September 2021**

Tenement Ref.	Project	Holder	State	Status	Interest
<b>Exploration Licences</b>					
E80/4887	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
E80/4888	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
E80/4889	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
E80/4890	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
E80/4893	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
E80/4995	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
E80/5055	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
E80/5124	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
E80/5172	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
EL30651	Mackay Potash	Agrimmin Limited	N.T.	Application	100%
EL31780	Mackay Potash	Agrimmin Limited	N.T.	Application	100%
EL31781	Mackay Potash	Agrimmin Limited	N.T.	Application	100%
E45/4925	Lake Auld Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
E45/5417	Lake Auld Potash	Agrimmin Potash Pty Ltd	W.A.	Application	100%
E45/5419	Lake Auld Potash	Agrimmin Potash Pty Ltd	W.A.	Application	100%



Tenement Ref.	Project	Holder	State	Status	Interest
E45/5420	Lake Auld Potash	Agrimmin Potash Pty Ltd	W.A.	Application	100%
E45/5579	Lake Auld Potash	Agrimmin Potash Pty Ltd	W.A.	Application	100%
<b>Other Licences</b>					
L80/87	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
L80/88	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
L80/96	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Granted	100%
L80/98	Mackay Potash	Agrimmin Potash Pty Ltd	W.A.	Application	100%

## ENDS

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This ASX Release is authorised for market release by Agrimmin's Board.

### About Agrimmin

Based in Perth, Agrimmin Limited is a leading fertiliser development company focused on the development of its 100% owned Mackay Potash Project. The Project is situated on Lake Mackay in Western Australia, the largest undeveloped potash-bearing salt lake in the world. Agrimmin is aiming to be a global supplier of specialty potash fertilisers to both traditional and emerging value-added markets. Agrimmin's shares are traded on the Australian Securities 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.