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# MACKAY SOP PROJECT FIELDWORK UPDATE

### Highlights

**ASX Release** 

19 September 2017

- Long-term trench pump testing underway for over 40 days at two pilot trenches
- Nine pilot trenches have been excavated to date
- Off-lake drilling and bore installations to test for process and potable water supply are complete, with pump testing of aquifers underway

Agrimin Limited (**ASX: AMN**) ("**Agrimin**" or "**the Company**") is pleased to provide an update of field activities underway at the Mackay Sulphate of Potash ("**SOP**") Project in Western Australia.

To date, nine trenches have been excavated across the Project area and the Company has commenced longterm pump testing of two trenches. In addition, short-term pump testing has been completed at other trenches in advance of long-term tests commencing.



#### Figure 1. Brine Pumped from Trench T3



### **Trench Excavation**

A 25 tonne amphibious excavator has completed the excavation of nine trenches with standard dimensions of 100m long and 5m deep (**Table 1**). A total of 20 pilot trenches are planned to be excavated on Lake Mackay. The trench sites are widely distributed across the lake and are designed to be representative of the geological and hydrogeological conditions expected to be encountered across the Project area (**Figure 4**).

In addition to facilitating long-term pumping tests, the trenches are designed to provide geotechnical information in relation to the long-term stability and operation of the trenches. To this effect a number of different trench designs are being trialled as part of the program.

| Trench ID | Easting | Northing | Excavated Depth | Trench Length |
|-----------|---------|----------|-----------------|---------------|
| T1        | 452880  | 7504972  | 4.0m            | 100m          |
| T2        | 445231  | 7508720  | 5.0m            | 100m          |
| Т3        | 452574  | 7514916  | 4.0m            | 100m          |
| T4        | 460008  | 7512003  | 4.5m            | 100m          |
| T5        | 474098  | 7504090  | 5.0m            | 100m          |
| Т6        | 479984  | 7507964  | 5.5m            | 100m          |
| Т7        | 484981  | 7511898  | 6.0m            | 30m           |
| Т8        | 490922  | 7507101  | 4.5m            | 100m          |
| Т9        | 495997  | 7513449  | 6.0m            | 100m          |

#### Table 1. Location and Dimensions of Pilot Trenches<sup>1,2</sup>

Notes:

1. Locations are in GDA94 Zone 52.

2. Dimensions are approximate and based on trench completion reports.

# Long-Term Trench Pump Testing

A program of pump testing of the trenches will allow the Company to acquire data that will improve confidence in key assumptions underpinning the hydrogeological model and brine recovery rates that will form the basis of a Definitive Feasibility Study. In the shorter term, initial results from this program are being incorporated into the current Pre-Feasibility Study ("**PFS**").

Long-term pumping tests are designed to determine the steady-state brine extraction rates from shallow lakebed sediments, i.e. 0-6m below the ground surface ("**bgs**").

A network of monitoring bores are being installed at 20m, 50m and 100m from each trench. Groundwater data loggers are installed in the trench and monitoring bores during testing to measure changes in water (brine) levels in response to pumping. Information collected from the pumping tests will be used to better define key hydraulic parameters of the lakebed sediments, such as hydraulic conductivity and specific yield.

The Company currently has two long-term pumping tests in progress at trenches T1 and T3 (**Table 2**). These tests are being conducted as continuous pumping tests where the pumping rate is adjusted to establish a constant water level in the trench and then stabilised to maintain a constant water inflow over the long-term



test. The continuous pumping tests will be undertaken over varying durations, estimated to be at least two to three months, with the aim of determining steady-state drawdown conditions in each trench.

The water level in T1 is stabilising at approximately 1.3m bgs, equating to a drawdown of 0.6m from the starting water level of 0.7m bgs (**Figure 2**). The current pumping rate of 1.4m<sup>3</sup> per day per metre of trench ("**m<sup>3</sup>/day/m**") is believed to be representative of steady-state conditions for T1.

Agrimin completed a Scoping Study for the Mackay SOP Project in August 2016. This indicated SOP production of 370,000 tonnes per year over a 20 year life at an average total cash cost of US\$256/t FOB<sup>1</sup>. The preliminary hydrogeological model underpinning the Scoping Study assumed an average brine extraction rate of 0.75m<sup>3</sup>/day/m for trenches over the life of the Project. The results achieved to date in T1 are higher than the modelled rate, however this is the first of 20 planned pumping tests which are expected to occur over the next several months across the lake to evaluate brine inflows.

The water level in T3 is approximately 1.4m bgs, equating to a drawdown of 0.7m from the starting water level of 0.7m bgs (**Figure 3**). The current pumping rate is not yet representative of steady-state conditions.

Short-term pumping tests have also been conducted at T4, T6 and T9, with the recovery rate measured in advance of these trenches undergoing long-term testing. These short-term tests are providing additional data for use in the hydrogeological model that forms the basis of the PFS.

The Company is in the process of procuring further pumping equipment to site in order to expedite the commencement of long-term pump testing at other trenches.

Assay results for brine samples taken from the trenches during pump testing are yet to be received.

| Trench ID <sup>1</sup> | Status of Pumping Test                  | Start of<br>Pumping Test | Drawdown<br>in Trench <sup>3</sup> | Duration<br>of Pumping | Total Volume<br>Pumped | Steady-State<br>Pumping Rate |
|------------------------|---|--------------------------|------------------------------------|------------------------|------------------------|------------------------------|
| T1                     | Long-term test in progress              | 4/8/2017                 | 0.6m                               | 46 days                | 6,687m <sup>3</sup>    | 1.4m <sup>3</sup> /day/m     |
| T2                     | Awaiting testing                        | -                        | -                                  | -                      | -                      | -                            |
| Т3                     | Long-term test in progress <sup>2</sup> | 10/8/2017                | 0.7m                               | 40 days                | 1,739m <sup>3</sup>    | In progress                  |
| T4                     | Short-term test conducted               | -                        | -                                  | -                      | -                      | -                            |
| T5                     | Awaiting testing                        | -                        | -                                  | -                      | -                      | -                            |
| T6                     | Short-term test conducted               | -                        | -                                  | -                      | -                      | -                            |
| T7                     | Awaiting testing                        | -                        | -                                  | -                      | -                      | -                            |
| T8                     | Awaiting testing                        | -                        | -                                  | -                      | -                      | -                            |
| Т9                     | Short-term test conducted               | -                        | -                                  | -                      | -                      | -                            |

 Table 2. Status of Long-Term Pumping Tests as at 16 September 2017

Notes:

2. Mechanical issues with the pump at T3 have caused pumping to stop for extended periods during this test which has resulted in the volume pumped being lower than what is possible.

3. All trenches intersected brine from the water table to the base of the trench.

<sup>1.</sup> Trench locations and dimensions are reported in Table 1.

<sup>&</sup>lt;sup>1</sup> Refer to the ASX Release dated 23 August 2016 for full Scoping Study details. All material assumptions underpinning the production target and forecast financial information derived from the production target continue to apply and have not materially changed.



Figure 2. Pump Testing at Trench T1



Figure 3. Pump Testing at Trench T3





### **Process Water Drilling**

The Company has now completed a water exploration drilling program to the south of Lake Mackay in order to assess off-lake aquifers for supply of process and potable water for the Company's proposed SOP operation. Drilling was completed at five locations (**Figure 4**), with monitoring bores installed at all drilling locations and test production bores installed at sites B2 and B4.

The Company noted the presence of two distinct aquifer units in most drill holes, the first a silcrete zone starting at approximately 35m depth, which yielded airlift flows of 1 to 3 litres per second ("**I/sec**"). A second aquifer sequence consists of unconsolidated sands between 60m to 100m depth, which yielded airlift flows of 5 to 7 l/sec. These airlift yields are only an initial indicator of potential aquifer yields. Pump testing of the aquifers is underway.

Initial field measurements suggested water quality ranges from 2,700 to 80,000 mg/l of total dissolved salts (fresh to saline), with quality appearing to improve as drilling stepped away from Lake Mackay. Water samples have been submitted to a laboratory in Perth for analysis.

The Company is encouraged by the initial results and further hydrogeological investigations (aquifer testing) will provide additional information required to determine long-term sustainable aquifer yields.

Drill holes will also be sampled for the identification of stygofauna and/or troglofauna as part of the Company's ongoing environmental studies.

| Hole ID | Easting | Northing | Bore Hole Depth | Casing Diameter |
|---------|---------|----------|-----------------|-----------------|
| B1      | 432353  | 7508719  | 38m             | 50mm            |
| B1      | 432353  | 7508719  | 108m            | 50mm            |
| B2      | 435206  | 7500041  | 42m             | 50mm            |
| B2      | 435206  | 7500041  | 132m            | 165mm           |
| B3      | 499822  | 7515003  | 96m             | 50mm            |
| B4      | 489999  | 7530002  | 96m             | 50mm            |
| B4      | 489999  | 7530002  | 100m            | 165mm           |
| B5      | 485860  | 7491930  | 72m             | 50mm            |

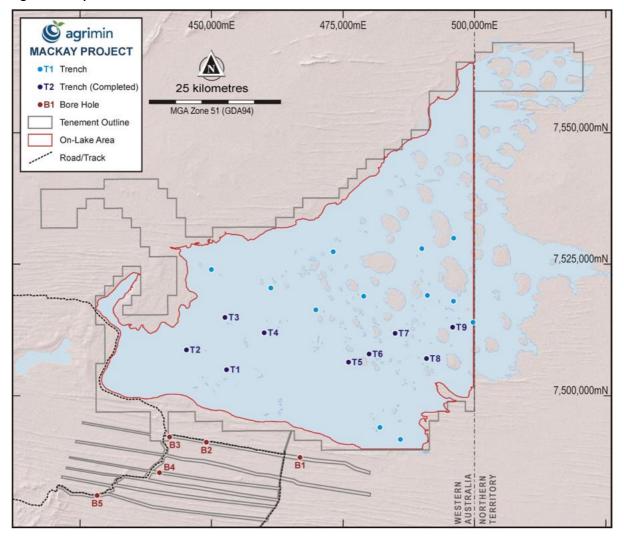
#### Table 3. Location and Depth of Bore Drilling<sup>1.2</sup>

Notes:

1. Locations are in GDA94 Zone 52.

2. Intersection thicknesses are not provided as these bores are exploring for process water and not mineralised brine. Thicknesses of aquifers and water quality varied between holes. All holes were drilled vertically.





#### Figure 4. Map of Planned On-Lake Trench Locations and Off-Lake Bore Locations

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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 statement that relates to Exploration Results for the Mackay SOP Project is based on information compiled or reviewed by Mr Murray Brooker who is a full-time employee of Hydrominex Geoscience Pty Ltd. Mr Brooker is a geologist and hydrogeologist and is an independent consultant to Agrimin. Mr Brooker is a Member of the Australian Institute of Geoscientists and has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity he is undertaking, to qualify as a Competent Person in terms of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code 2012 Edition). Mr Brooker consents to the inclusion of such information in this statement in the form and context in which it appears.



# JORC Code, 2012 Edition – Table 1

#### Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

| Criteria                 | JORC Code explanation   | Commentary  |
|--------------------------|---|---|
| Sampling<br>techniques   | <ul> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <ul> <li>On-lake Trenching &amp; Pump Testing</li> <li>Samples are collected from the excavator bucket at regular intervals.</li> <li>Brine samples are collected from discharge hosing on the pump units at regular weekly intervals, representing a composite brine sample from the trench.</li> <li>Off-lake Bore Drilling</li> <li>Conventional mud rotary drilling techniques were used to collect representative geological samples every 2m.</li> <li>Representative samples were collected in chip trays and sample packets.</li> <li>Periodic water samples were collected by airlifting with the drilling rig and by pumping during aquifer testing.</li> </ul> |
| Drilling techniques      | <ul> <li>Drill type (eg core, reverse circulation, open-hole<br/>hammer, rotary air blast, auger, Bangka, sonic, etc)<br/>and details (eg core diameter, triple or standard<br/>tube, depth of diamond tails, face-sampling bit or<br/>other type, whether core is oriented and if so, by<br/>what method, etc).</li> </ul>   | <ul> <li>On-lake Trenching &amp; Pump Testing</li> <li>Excavation of the trenches is completed by a 25t amphibious excavator with an arm to excavate up to 12m deep.</li> <li>Off-lake Bore Drilling</li> <li>Mud rotary drilling techniques were used to drill and install both monitoring and production bore casing.</li> <li>Drill hole depths, coordinates and well casing installation information is provided in tables in the text.</li> </ul>  |
| Drill sample<br>recovery | <ul> <li>Method of recording and assessing core and chip<br/>sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and<br/>ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample<br/>recovery and grade and whether sample bias may<br/>have occurred due to preferential loss/gain of<br/>fine/coarse material.</li> </ul>  | <ul> <li>On-lake Trenching &amp; Pump Testing</li> <li>Not applicable to trenching.</li> <li>Off-lake Bore Drilling</li> <li>Representative unconsolidated sediment samples were collected at 2m intervals and logged in the field.</li> <li>Samples were recovered in a mud slurry in this drilling method. The drill cuttings themselves are not analysed, but the fluid from the hole is later sampled to assess water quality.</li> </ul>   |
| Logging                  | <ul> <li>Whether core and chip samples have been<br/>geologically and geotechnically logged to a level of<br/>detail to support appropriate Mineral Resource<br/>estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in<br/>nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant<br/>intersections logged.</li> </ul>  | <ul> <li>On-lake Trenching &amp; Pump Testing</li> <li>All trenches were logged for hydrogeological<br/>characteristics, including descriptions of lithology,<br/>sediment grain size, colour, general observations<br/>and flow rates.</li> <li>A qualified hydrogeologist/geologist logged all<br/>samples.</li> <li>Off-lake Bore Drilling</li> <li>All drill holes were logged for hydrogeological<br/>characteristics, including descriptions of lithology,</li> </ul>   |



| Sub-sampling<br>techniques and<br>sample<br>preparation | <ul> <li>If core, whether cut or sawn and whether quarter,<br/>half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary<br/>split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and<br/>appropriateness of the sample preparation<br/>technique.</li> <li>Quality control procedures adopted for all sub-<br/>sampling stages to maximise representivity of<br/>samples.</li> <li>Measures taken to ensure that the sampling is<br/>representative of the in situ material collected,<br/>including for instance results for field<br/>duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain<br/>size of the material being sampled.</li> </ul> | <ul> <li>sediment grain size, colour, general observations<br/>and flow rates.</li> <li>A qualified hydrogeologist/geologist logged all<br/>samples.</li> <li>Drilling snap top sample bags and chip trays were<br/>taken as a permanent record of sample intervals.</li> <li>On-lake Trenching &amp; Pump Testing</li> <li>Not applicable for trenching.</li> <li>Offf-lake Bore Drilling</li> <li>Periodic water samples were collected by airlifting<br/>with the drilling rig and by pumping during aquifer<br/>testing.</li> <li>These composite samples represent inputs from the<br/>different aquifer units intersected.</li> </ul>  |
|---|---|--|
| Quality of assay<br>data and<br>laboratory tests        | <ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>  | <ul> <li>On-lake Trenching &amp; Pump Testing</li> <li>Brine samples were collected from pumped<br/>trenches and submitted to an accredited laboratory<br/>for chemical analysis.</li> <li>Samples are submitted with laboratory prepared<br/>standards and field duplicates to assess laboratory<br/>QA/QC.</li> <li>Sample results are awaited.</li> <li>Off-lake Bore Drilling</li> <li>Groundwater samples were collected from each<br/>bore and submitted to an accredited laboratory for<br/>chemical analysis.</li> <li>Samples are submitted with laboratory prepared<br/>standards and field duplicates to assess laboratory for<br/>chemical analysis.</li> <li>Samples are submitted with laboratory prepared<br/>standards and field duplicates to assess laboratory<br/>QA/QC.</li> <li>Awaiting receipt of results.</li> </ul> |
| Verification of<br>sampling and<br>assaying             | <ul> <li>The verification of significant intersections by either<br/>independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry<br/>procedures, data verification, data storage (physical<br/>and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>   | <ul> <li>On-lake Trenching &amp; Pump Testing</li> <li>Qualified hydrogeologists carried out the sampling<br/>of brine from pumped trenches.</li> <li>Off-lake Bore Drilling</li> <li>Qualified hydrogeologists carried out the sampling<br/>of groundwater from the bores. Field data was<br/>recorded using calibrated instrumentation.</li> </ul>   |
| Location of data<br>points                              | <ul> <li>Accuracy and quality of surveys used to locate drill<br/>holes (collar and down-hole surveys), trenches, mine<br/>workings and other locations used in Mineral<br/>Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>   | <ul> <li>On-lake Trenching &amp; Pump Testing</li> <li>Trenches were located using a handheld GPS system, with accuracy of +/- 5m.</li> <li>The grid system used was GDA94 in MGA Zone 52.</li> <li>The salt lake surface is generally flat lying so topographic control is not considered a critical point.</li> <li>Off-lake Bore Drilling</li> <li>Collars were located using a handheld GPS system, with accuracy of +/- 5m.</li> <li>The grid system used was GDA94 in MGA Zone 52.</li> <li>RLs were recorded for each collar.</li> </ul>  |
| Data spacing and<br>distribution                        | <ul> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is<br/>sufficient to establish the degree of geological and<br/>grade continuity appropriate for the Mineral<br/>Resource and Ore Reserve estimation procedure(s)<br/>and classifications applied.</li> </ul>  | <ul> <li>On-lake Trenching &amp; Pump Testing</li> <li>Trenches are broadly spaced at differing distances apart, generally 10-15km.</li> <li>All brine samples are considered a composite from the top of water table to the depth of the trench.</li> </ul>   |



|  | Whether sample compositing has been applied.   | <ul> <li>Off-lake Bore Drilling</li> <li>Exploration water supply bores were drilled at positions identified from previous drilling investigations.</li> <li>Further drilling and testing will be required before a final wellfield can be established.</li> </ul>   |
|--|--|--|
| Orientation of<br>data in relation to<br>geological<br>structure | <ul> <li>Whether the orientation of sampling achieves<br/>unbiased sampling of possible structures and the<br/>extent to which this is known, considering the deposit<br/>type.</li> <li>If the relationship between the drilling orientation<br/>and the orientation of key mineralised structures is<br/>considered to have introduced a sampling bias, this<br/>should be assessed and reported if material.</li> </ul> | <ul> <li>On-lake Trenching &amp; Pump Testing</li> <li>Trench locations are considered representative of the broad lakebed sediment deposit.</li> <li>The lake sediments are a horizontally lying sequence and the sampling is perpendicular to this. Any structures of importance in the sediments are considered to be sub-horizonal.</li> </ul> |
|  |  | <ul> <li>Off-lake Bore Drilling</li> <li>All drill holes are drilled vertical as the geological structure being targeted (host sediments) are generally flat lying.</li> </ul>   |
| Sample security  | • The measures taken to ensure sample security.  | <ul> <li>On-lake Trenching &amp; Pump Testing</li> <li>All samples were clearly labelled and kept onsite prior to being transported to Perth, via secured freight, for analysis. Samples for assaying were submitted to independent laboratories, with a chain of custody system maintained.</li> </ul>  |
|  |  | <ul> <li>Off-lake Bore Drilling</li> <li>All samples were clearly labelled and kept onsite prior to being transported to Perth, via secured freight, for analysis. Samples for assaying were submitted to independent laboratories, with a chain of custody system maintained.</li> </ul>  |
| Audits or reviews  | The results of any audits or reviews of sampling techniques and data.  | No audits or reviews were conducted.   |

### Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

| Criteria                                      | JORC Code explanation  | Commentary   |
|---|--|--|
| Mineral tenement<br>and land tenure<br>status | <ul> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul> | <ul> <li>The Project is 100% owned by Agrimin Limited. The project tenure is held under granted Exploration Licences and Miscellaneous Licences - E80/4887, E80/4888, E80/4899, E80/4890, E80/4893, E80/4995, E80/5055, L80/87 and L80/88.</li> <li>The Project area is subject to native title determination held by the Kiwirrkurra People.</li> </ul> |
| Exploration done<br>by other parties          | Acknowledgment and appraisal of exploration by other parties.  | <ul> <li>Other companies including Holocene Pty Ltd,<br/>Verdant Resources Ltd and Toro Energy Ltd have<br/>completed exploration in the area previously.</li> <li>The previous exploration has provided important<br/>information on the geology and water quality in the<br/>broader Lake Mackay area.</li> </ul>                                      |
| Geology                                       | Deposit type, geological setting and style of<br>mineralisation.   | <ul> <li>The deposit type is brine-hosted potash in a salt<br/>lake/playa, with brine hosted in the pores of the<br/>sequence of flat lying sediments.</li> </ul>  |
| Drill hole<br>Information                     | <ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> </ul> </li> </ul>   | <ul> <li>Refer to trench and drill collar table in the ASX Release.</li> <li>Holes were up to 132m deep and were drilled vertical.</li> <li>Approximate RL of the lake is 355m.</li> </ul>   |



|                             | $\circ$ dip and azimuth of the hole  |  |
|-----------------------------|--|--|
|                             | <ul> <li>down hole length and interception depth</li> <li>hole length.</li> </ul>  |  |
|                             | <ul> <li>If the exclusion of this information is justified on the<br/>basis that the information is not Material and this</li> </ul>   |  |
|                             | basis that the information is not Material and this exclusion does not detract from the understanding of   |  |
|                             | the report, the Competent Person should clearly  |  |
|                             | explain why this is the case.  |  |
| Data aggregation<br>methods | <ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal examples of such aggregation should be allowed for any reporting of metal examptions used for any reporting of metal</li> </ul> | <ul> <li>Assay results will be provided in subsequent follow<br/>up ASX releases as they become available. Brine<br/>samples from the trenches are the composite<br/>samples from inflow in the 100m long trenches.</li> </ul> |
| Relationship                | <ul> <li>equivalent values should be clearly stated.</li> <li>These relationships are particularly important in the</li> </ul>   | The brine aguifer is considered to be continuous   |
| between                     | reporting of Exploration Results.  | throughout the sediment profile of the lake, which   |
| mineralisation              | <ul> <li>If the geometry of the mineralisation with respect to</li> </ul>  | has been confirmed by analyses of depth profiles.  |
| widths and                  | the drill hole angle is known, its nature should be  | The lake sediment units are flat lying and all holes   |
| intercept lengths           | reported.  | have been drilled vertically so it is assumed that the   |
|                             | <ul> <li>If it is not known and only the down hole lengths are<br/>reported there should be a clear statement to this</li> </ul>   | true width of mineralisation has been intersected in<br>each hole/trench.  |
|                             | reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').  | each hole/ it ench.  |
| Diagrams                    | Appropriate maps and sections (with scales) and  | Refer to figures within the ASX Release.   |
|                             | tabulations of intercepts should be included for any   |  |
|                             | significant discovery being reported These should<br>include, but not be limited to a plan view of drill hole  |  |
|                             | collar locations and appropriate sectional views.  |  |
| Balanced                    | Where comprehensive reporting of all Exploration   | Results considered relevant have been reported.  |
| reporting                   | Results is not practicable, representative reporting of  | Assay results will be provided in subsequent follow  |
|                             | both low and high grades and/or widths should be   | up ASX releases as they become available.  |
|                             | practiced to avoid misleading reporting of Exploration<br>Results.   |  |
| Other substantive           | Other exploration data, if meaningful and material,  | No other exploration has been carried out within   |
| exploration data            | should be reported including (but not limited to):   | the Project area.  |
|                             | geological observations; geophysical survey results;   | Toro Energy Ltd (ASX: TOE) and Verdant Resources   |
|                             | geochemical survey results; bulk samples – size and  | Ltd (ASX: VRM) have conducted potash and uranium   |
|                             | method of treatment; metallurgical test results; bulk<br>density, groundwater, geotechnical and rock   | <ul> <li>exploration on neighboring tenure at Lake Mackay.</li> <li>Agrimin has previously reported the results of</li> </ul>  |
|                             | characteristics; potential deleterious or  | aircore and auger core drilling at Lake Mackay and   |
|                             | contaminating substances.  | the results of brine sampling from these programs.   |
| Further work                | • The nature and scale of planned further work (eg   | Work associated with the Pre-Feasibility Study for   |
|                             | tests for lateral extensions or depth extensions or  | the Project is underway. Refer to ASX Release.   |
|                             | <ul><li>large-scale step-out drilling).</li><li>Diagrams clearly highlighting the areas of possible</li></ul>  |  |
|                             | extensions, including the main geological  |  |
|                             | interpretations and future drilling areas, provided this   |  |
|                             | information is not commercially sensitive.   |  |