

ASX ANNOUNCEMENT

4 JULY 2016

## **KAIROS EXPANDS AND REFINES WA LITHIUM PORTFOLIO IN LINE WITH ADVANCED MODELLING TECHNIQUE**

*Multiple new lithium projects secured and existing portfolio rationalised through the application of an advanced modelling technique to ensure efficient capital deployment*

### **Highlights:**

- **Advanced modelling technique implemented in consultation with leading consulting group Geochemical Services Pty Ltd,**
- **This has enabled Kairos to identify and secure new highly prospective lithium tenure and rationalise its existing Pilbara footprint to ensure the efficient deployment of exploration capital.**
- **Three new highly prospective lithium exploration projects have been secured in Pilbara region to complement the Company's flagship Mt York and Wodgina East Projects:**
  - ***Croydon Project* – 182.4km<sup>2</sup>**
  - ***Southern Pride* – 383.7km<sup>2</sup>**
  - ***Taipan* – 108.9km<sup>2</sup>**
- **Kairos's total lithium exploration footprint in the Pilbara region has been expanded to 1,158.7km<sup>2</sup> making the Company one of the most significant emerging lithium companies in the region.**

Kairos Minerals Ltd (ASX: KAI; "Kairos" or "the Company") is pleased to advise that it has further expanded and refined its lithium portfolio in the Pilbara region of Western Australia to include five highly prospective new projects which were identified by utilising advanced modelling techniques in consultation with leading Perth-based consultants Geochemical Service Pty Ltd.

The new projects complement the Company's existing 100%-owned **Mt York Lithium-Gold Project** and **Wodgina East Project**, both located ~120km south-east of Port Hedland in WA's East Pilbara region.

To assist in the exploration process, Kairos has engaged Geochemical Services which, under the direction of its principal Dr Nigel Brand, has successfully delineated LCT (lithium-caesium-tantalum) pegmatite targets for a number of lithium explorers and has worked with the Company extensively on its Roe Hills Gold & Nickel Project since 2014.

In order to increase the prospects for exploration success in targeting, detecting and testing potentially economically viable LCT pegmatites, Kairos has formulated the following exploration strategy; including but not restricted to:

- Focusing on exposed greenstone terrains close to granitic intrusions;
- Undertaking conventional surface sampling;
- Pre-screening samples using field portable analysers (e.g. pXRF and LIBS);
- Confirmation of significant results by conventional laboratory methods; and
- Drill testing significant LCT-pegmatite targets.

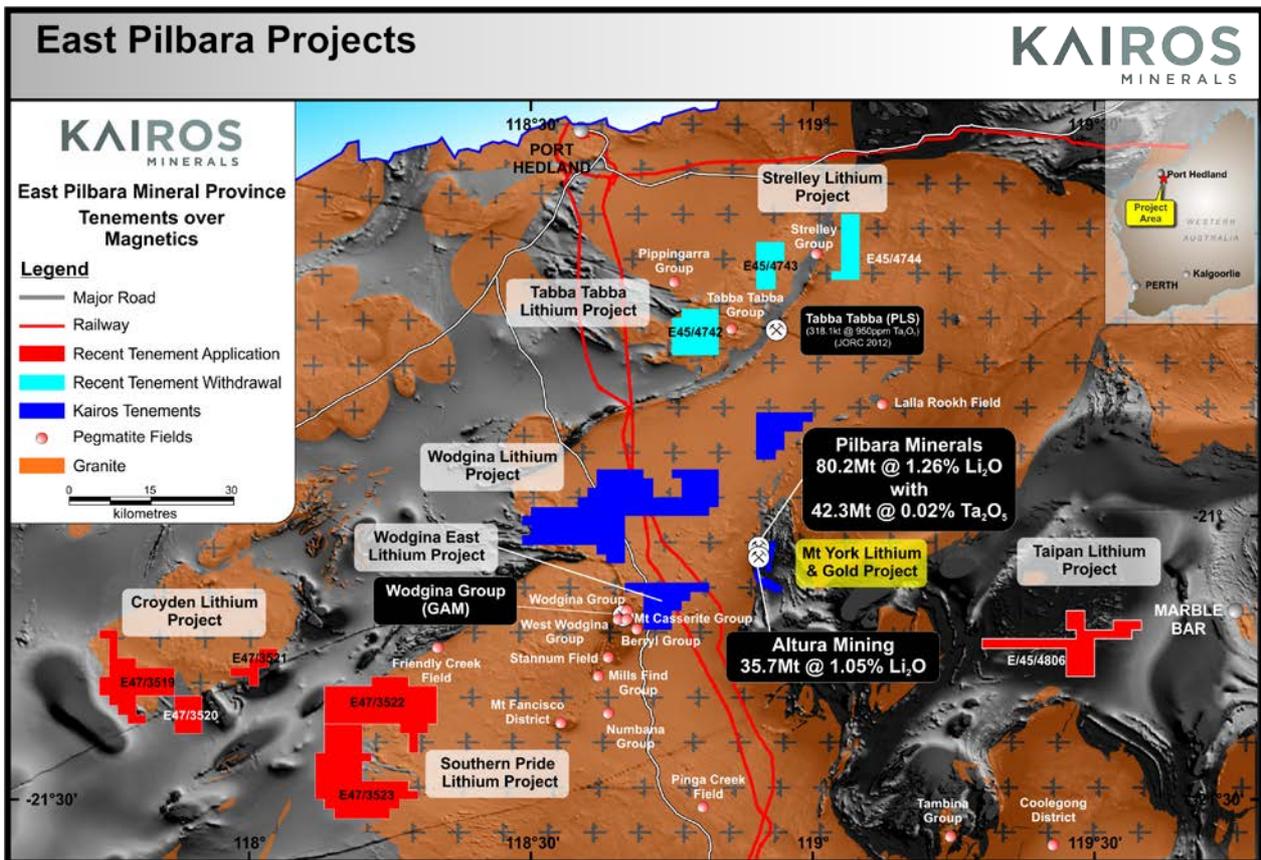


Figure 1. Project location and tenement plan<sub>12</sub>

Kairos's Managing Director Mr Joshua Wellisch said the Company had made significant progress in advancing its lithium strategy in the Pilbara region with the input and assistance from one of Australia's most successful consulting geochemists, Dr Nigel Brand.

"In conjunction with Dr Brand, our exploration team has been able to develop an impressive scientific method of locating and determining the fertility of areas for potential mineralised LCT pegmatites," Mr Wellisch said.

"This has allowed the Company both to evaluate and prioritise our existing tenure and to access unpegged areas and apply for tenure if it meets the strict geological/geochemical criteria. Enabling us to either keep or release ground depending on its calculated fertility."

“By utilising this model, we can apply a significantly more cost effective approach to exploration and targeting while taking full advantage of the developing lithium market, which is still in its infancy with respect to geological targeting and understanding.”

“The excellent work undertaken by our exploration team since acquiring our Pilbara lithium portfolio earlier this year reflects our long-standing commitment to the adoption of systematic, methodical and technically excellent exploration methodologies,” Mr Wellisch added.

### **Consultancy Mandate**

Pursuant to a consultancy mandate which the Company has entered into with BW Equities Pty Ltd (**BW Equities**), BW Equities will provide the Company with advisory services in connection with progressing Kairos’s project portfolio for a period of 12 months (**Consultancy Mandate**).

Under the terms of the Consultancy Mandate, the Company has agreed to grant BW Equities 7.5 million options, exercisable at \$0.10 each on or before the first anniversary of the date of issue.

**ENDS**

### **For further information, please contact:**

#### **Investors:**

Mr Joshua Wellisch  
Managing Director  
Kairos Minerals Limited

#### **Media:**

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#### **COMPETENT PERSON STATEMENT:**

**Competent Person:** The information in this report that relates to Exploration Results or Mineral Resources is based on information compiled and reviewed by Mr N Hutchison, who is a Non-Exec Director for Mining Projects Group and who is a Member of The Australian Institute of Geoscientists. Mr Hutchison has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity 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.’ (the JORC Code 2012). Mr Hutchison has consented to the inclusion in the report of the matters based on his information in the form and context in which it appears. The Australian Securities Exchange has not reviewed and does not accept responsibility for the accuracy or adequacy of this release.

| <b>Reference</b> | <b>ASX Announcement</b>   |
|------------------|---|
| 1                | Pilbara Minerals Limited (ASX: PLS) March Quarterly Report 2016 |
| 2                | Altura Mining Limited (ASX: AJM) March Quarterly Report 2016    |