



ABN 46 006 045 790

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ASX Symbol: CUL

20 January 2016

## Positioned for Lithium Pegmatite exploration in W.A.

### Highlights

- Cullen Resource Limited (“Cullen” or the “Company”) has lodged four exploration licence applications over areas totalling ~280km<sup>2</sup> that it considers prospective for rare metal, tin-tantalum-lithium (Sn-Ta-Li) pegmatite mineralisation for further evaluation and prioritisation
- One Cullen application includes the **Kingston** lithium prospect and two others include reported pegmatite mineralisation and “**Tin-Tantalum-Lithium (Sn-Ta-Li)** Target Group Commodity” occurrences (MINEDEX database)

### Pilbara (~200km<sup>2</sup>)

Two applications are in the Pilbara Region: one (ELA 45/4626) ~ 30km north east of the Pilgangoora Lithium deposits\* where the world’s second largest deposits of spodumene (lithium-bearing pyroxene) has recently been defined; and one (ELA 45/4682) in part immediately west of the Wodgina Mine\*\*, one of the world’s largest hard rock tantalum resources, and stretching north along strike and then east-west over a linear zone of pegmatitic granite in contact with greenstone (see Location Map, Fig.1).

### South West (80km<sup>2</sup>)

The other two Cullen applications lie south-east and south-west of the Greenbushes Mine in south west W.A. - one of the world’s premium lithium mines. One of these applications (ELA 70/4803) is centred ~ 10km to the south-west of the Greenbushes Mine, the other (ELA 70/4802) includes the “BT020” Sn-Ta-Li surface geochemical anomaly identified by previous explorers but without any bedrock explanation from their limited shallow drilling. This prospect named “Kingston” by previous explorers lies ~ 30 km south east of the Greenbushes Mine (see Location Map, Fig.2).

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Cullen has completed a preliminary review of previous exploration reports to the Mines Department concerning the Kingston Prospect (WAMEX Report A 95485) as follows:

**The “BT020” geochemical anomaly is located in south west W.A., about 12km east of Yornup and is associated with a narrow band or island of quartz monzonite within the gneiss/mafic terrain. The prospect was “originally identified from two adjacent maglag surface samples which reported anomalous Mo-(Pb-Sn)”. Follow-up pisolith sampling defined “a discontinuous, annular distribution of anomalous Li (+/- Sn, Ta) within a central NNE trending spine of mixed metal anomalism“ (Pb-Li-U-Sn-Mo-Bi) over an area of ~2 x 0.5km.**

**“The overlapping Li and Sn-Ta anomalies on the south end of the prospect indicate potential for rare metal pegmatite mineralisation.”**

**A program of air core drilling (28 holes for 505m) was completed in the area of the geochemical anomalies but no anomalous results were obtained.**

Cullen believes the elevated geochemical values and anomalies reported from BT020 are worthy of further investigation for the location of concealed lithium pegmatite mineralisation given the metal association, the geological setting of the area, and the lack of any bedrock explanation for the anomaly from drilling to date.

**Cullen’s Managing Director Chris Ringrose commented:**

“This set of applications cover prospective terranes which may not have been explored in detail, especially for lithium. The Kingston Prospect in particular is an example of an anomaly in a forested landscape with little outcrop but which offers the real chance of new discoveries”

Cullen’s exploration will begin with data compilation followed by field review where permissible.

**\*Pilbara Minerals Ltd: ASX-PLS/Altura Mining Ltd: ASX-AJM**

**\*\*Global Advanced Metals**

**\*\*\* Operated by Talison Lithium Ltd: (ASX-TLH)**

**Reference: Sweetapple, M.T., 2000: Characteristics of Sn-Ta-Be-Li-Industrial Mineral Deposits of the Archaean Pilbara Craton, Western Australia, BMR Record 44.**

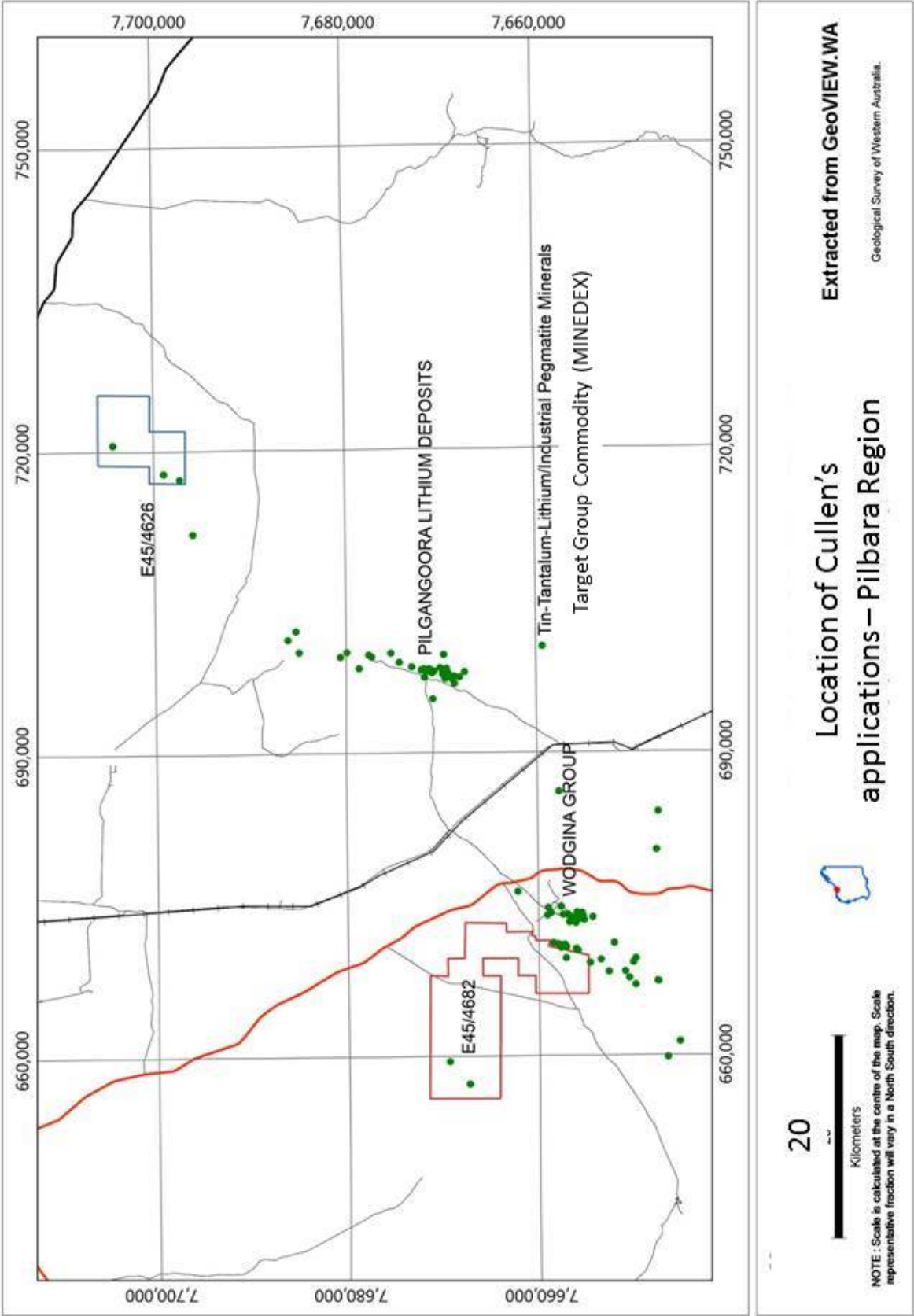


Fig.1

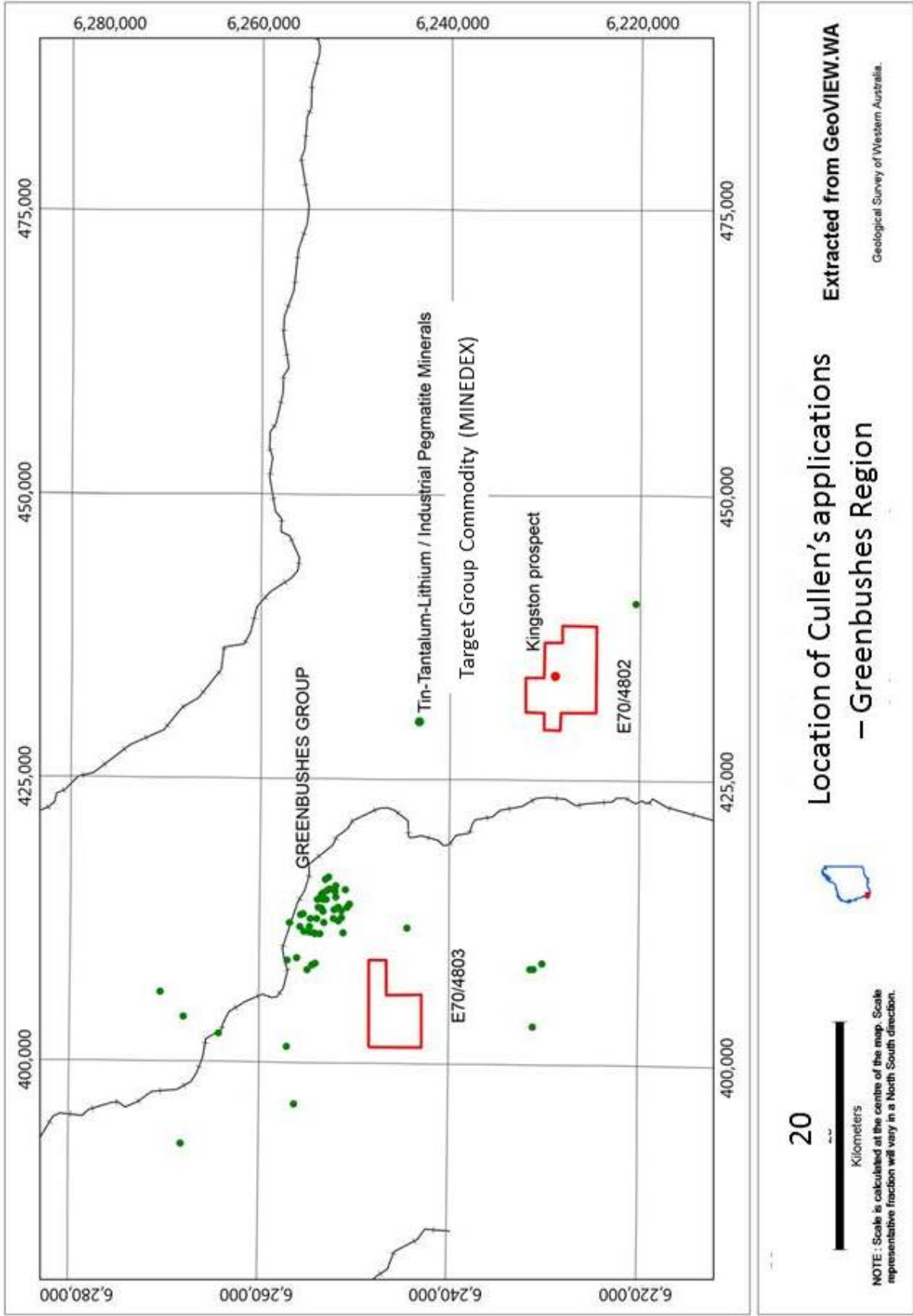


Fig.2

**Dr Chris Ringrose, Managing Director**

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**ABOUT CULLEN:** Cullen is a Perth-based minerals explorer with a multi-commodity portfolio including projects managed through a number of JVs with key partners (Fortescue, APIJV (Baosteel/Aurizon-AMCI/Posco), Hannans Reward, and Matsa), and a number of projects in its own right. The Company's strategy is to identify and build targets based on data compilation, field reconnaissance and early-stage exploration, and to pursue further testing of targets itself or farm-out opportunities to larger companies. Projects are sought for most commodities mainly in Australia but with selected consideration of overseas opportunities

**ATTRIBUTION:** **Competent Person Statement**

*The information in this report that relates to exploration activities is based on information compiled by Dr. Chris Ringrose, Managing Director, Cullen Resources Limited who is a Member of the Australasian Institute of Mining and Metallurgy. Dr. Ringrose is a full-time employee of Cullen Resources Limited. He has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration, and to the activity which has been undertaken, to qualify as a Competent Person as defined by the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Dr. Ringrose consents to the report being issued in the form and context in which it appears.*

Information in this report may also reflect past exploration results, and Cullen's assessment of exploration completed by past explorers, which has not been updated to comply with the JORC 2012 Code. The Company confirms it is not aware of any new information or data which materially affects the information included in this announcement.