

## EXPLORATION UPDATE – MT PALMER

### EIS CO-FUNDED DRILLING FOR MT PALMER LITHIUM PROJECT

**Aurumin Limited (ASX: AUN)** (“Aurumin” or the “Company”) is pleased to announce that the Company has successfully applied for, and now executed the Agreement, for the Department of Mines, Industry Regulation and Safety (DMIRS) Exploration Incentive Scheme (EIS) Co-Funded Drilling Program for Aurumin’s Mt Palmer Lithium Project, and provides an update on exploration for lithium at Mt Palmer.

## HIGHLIGHTS

### EIS Funding Agreement executed for up to \$150k

- Aurumin, through fully owned subsidiary Aurumin Mt Palmer Pty Ltd, has executed a Funding Agreement for the WA Exploration Incentive Scheme for up to 50% of direct drilling and mobilisation costs (capped at \$150k), which was awarded after assessment and a competitive process.
- The EIS is a Western Australian State Government initiative, operated through the DMIRS that aims to encourage exploration in Western Australia for the long-term sustainability of the State’s resources sector.
- Planned holes focus on high priority lithium targets defined by geochemical anomalism and geological setting.

### All drilling permits granted for target areas

- Granted Programme of Works (PoW) have been received for proposed drilling under the funding agreement. Previous orientation drilling collar locations were limited by permitting constraints.
- Proposed drilling to cover targets identified from geochemical multielement soil anomalism with lithium results up to 146ppm Li and resampled (historical) drill spoils returning tantalum results up to 391ppm Ta. Targets are located further within the “Goldilocks Zone”.

### Diamond drilling for depth

- Previous RC drilling intercepted multiple flat lying pegmatites, extensive pathfinder elements and low-level lithium, but was unsuccessful in drilling below approximately 100m due to ground conditions and water ingress.<sup>4</sup>
- Diamond drilling tails will be drilled vertically, to a nominal depth of 250m, to appropriately test for interpreted broad flat lying pegmatites.

### Aurumin's Managing Director, Brad Valiukas, commented:

*“Mt Palmer is prospective for lithium mineralisation and shows great potential, remaining unfished business for the Company since we announced results from orientation drilling in June last year.*

*“The EIS funding is a competitive process and excellent recognition of the lithium potential at Mt Palmer and the work completed to date, and we believe Aurumin was the only successful applicant for lithium exploration in the current funding round.*

*“Sandstone has been the priority for exploration activity, however with both the EIS funding and drill for equity agreement with Topdrill<sup>5</sup>, we can get out and complete this work in parallel with our main gold focussed activities at Sandstone and Mt Dimer.*

EIS DRILLING AT MT PALMER

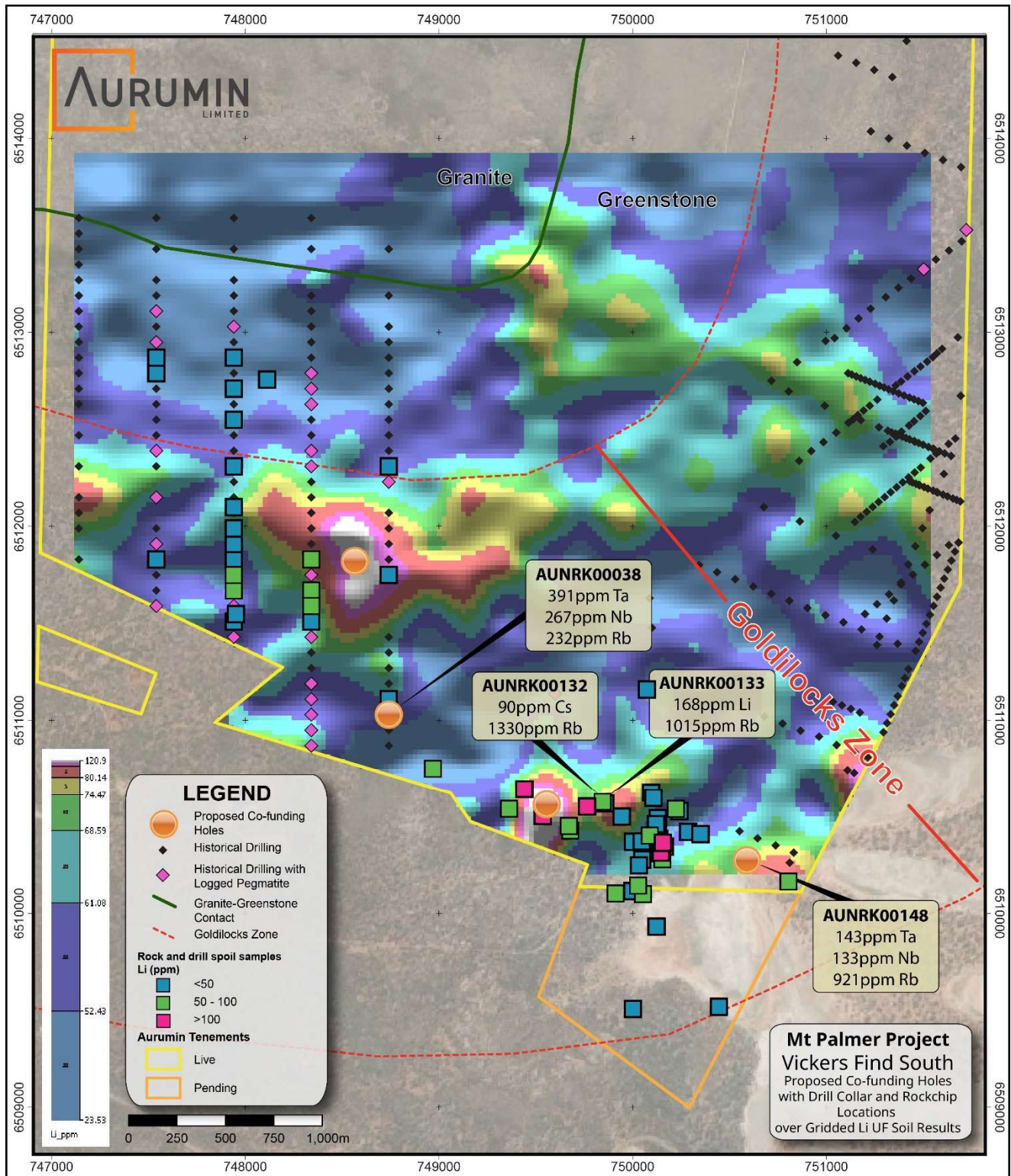


Figure 1 – Proposed EIS drillhole collar locations, Ultrafine soil sample lithium results and other samples.

Vickers Find South has been identified as prospective for lithium mineralisation based on pegmatites confirmed within a mafic-ultramafic sequence in a geological setting, analogous to the Mt Holland lithium deposit located approximately 65km to the south. Exploration to date has identified lithium and pathfinder element anomalism from rock chip, soil, and drill spoil sampling programmes. <sup>4</sup>

Previous orientation drilling confirmed sheet like pegmatites >20m in thickness, while geochemical analysis has identified potentially fertile source material. From previous exploration, multiple targets have been identified within a preferred geological setting, or “Goldilocks Zone”.

Two high priority targets (Figure 1) are based on the Ultrafine soil sampling programme where multielement lithium anomalism was defined, which have not been drilled, while additional targets are derived from tantalum anomalism (>100ppm Ta) from resampled historical drill spoils from shallow holes. These targets are the focus of designed holes that was awarded co-funding for direct drilling costs.

Four reverse circulation (RC) with diamond tail holes are planned. The RC component will drill to the base of weathering with transitional and fresh rock to be drilled by diamond core, to provide material for geological, spectral and geochemical analysis as well as core samples for the DMIRS core library. The holes will be drilled vertical to an expected depth of 250m to adequately test for interpreted broad flat lying pegmatites and lithium potential.

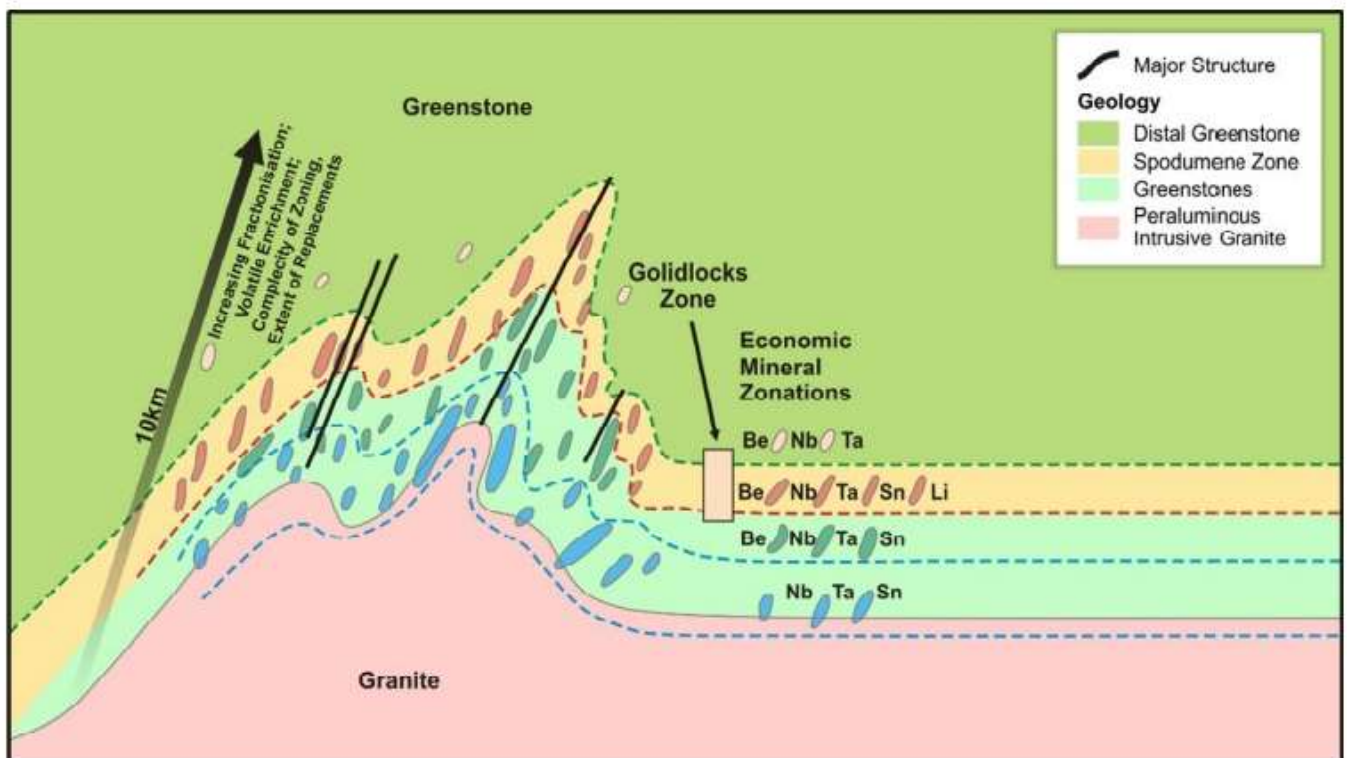


Figure 2 - Schematic LCT Pegmatite model technical illustration. Source: Forrestania Resources ASX Announcement 12th October, Modified after Cerný (1991) and Breaks et al. (2021)

## REFERENCES

### ASX Announcements

- |   |             |   |
|---|-------------|---|
| 1 | 25-Aug-2021 | 64,700oz Johnson Range Mineral Resource Estimate            |
| 2 | 16-Dec-2021 | Aurumin To Acquire 784,000oz Au Sandstone Gold Project      |
| 3 | 31-Oct-2022 | Re-release - Sandstone Resource Increased to 946koz         |
| 4 | 3-Jun-2022  | Re-release Mt Palmer Lithium Exploration Update and Results |
| 5 | 16-Dec-2022 | Drill for Equity Agreement with Topdrill                    |



## RELEASE AND CONTACT INFORMATION

### Authorisation for release

The Aurumin Board has authorised this announcement for release.

### For further information, please contact

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**Managing Director**

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### Subscribe for Announcements

To keep abreast of the Company's latest announcements and developments available to investors please subscribe to our mailing list at <https://aurumin.com.au/contact/>.

### Competent Person Statements

The information in this announcement that relates to exploration results, data quality and geological interpretations for the Mt Palmer Project is based on information compiled by Shane Tomlinson, a Competent Person who is a Member of the Australian Institute of Geoscientists and a full-time employee of Aurumin Limited. Mr Tomlinson has sufficient experience which is relevant to the style of mineralisation and type of deposit 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". Mr Tomlinson consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

The information in this report that relates to exploration results, data quality, geological interpretations and mineral resources for the Mt Palmer Project were first released in the Company's announcements dated 20 October 2021, 24 March 2022, 21 April 2022, 27 April 2022, 10 May 2022 and 3 June 2022. The Company confirms that it is not aware of any new information or data that materially affects the information included in the announcements and confirms that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed, except as updated in this announcement.

The information in this report that relates to exploration results, data quality, geological interpretations and mineral resources for the Sandstone Project were first released in the Company's announcements dated 16 December 2021, 25 March 2022, 28 April 2022, 2 May 2022, 9 June 2022, 21 June 2022, 11 July 2022, 11 August 2022, 26 August 2022, 5 September 2022, 12 September 2022, 6 October 2022, 31 October 2022, 25 November 2022 and 30 January 2023. The Company confirms that it is not aware of any new information or data that materially affects the information included in the announcements and confirms that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed.

The information in this report that relates to exploration results, data quality, geological interpretations and mineral resources for the Johnson Range Project were first released in the Company's announcement dated 25 August 2021. The Company confirms that it is not aware of any new information or data that materially affects the information included in the announcement and confirms that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

## ABOUT AURUMIN

### Projects

Aurumin Limited is an ASX-listed mineral exploration Company focused on two project areas in Western Australia.

The **Sandstone Gold Operations** were cornerstone by the acquisition of the **Central Sandstone Project** by the Company in early 2022.

- The **Sandstone Project** comprises an **881,300 ounce gold mineral resource**, significant project infrastructure and an expanding tenement footprint where the Company aims to support a gold mining operation in the future.
- The Company's **Johnson Range Project** has a Mineral Resource of **64,700 ounces at a grade of 2.51g/t Au**, located midway between Southern Cross and Sandstone.
- The **Birrigrin Project** area was added in late 2022 and is 70km north of the Central Sandstone Project. The Project has 39 mapped shafts dating to the early 1900s with **recorded production grades up to 196g/t Au**.

In addition to the Sandstone Gold Operations, the Company has a significant landholding at its **Southern Cross Operations**, including two historical high-grade production centres, Mt Dimer and Mt Palmer.

- The **Mt Dimer Project** produced over 125,000 ounces of gold from open pit and underground production of approximately 600,000 tonnes @ 6.4 g/t, and has a substantial tenure footprint.
- The historical **Mt Palmer Project** produced via open pit and underground methods, generating approximately 158,000 ounces of gold at an average grade of 15.9 g/t.

The Company is actively exploring its tenements and pursuing further acquisitions that complement its existing focus and create additional Shareholder value.

### Board

#### Piers Lewis

Non Executive Chairman

#### Brad Valiukas

Managing Director

#### Shaun Day

Non Executive Director

#### Darren Holden

Non Executive Director

### Capital Structure

197.8 million shares

29.6 million listed options

37.2 million unlisted options

ACN: 639 427 099



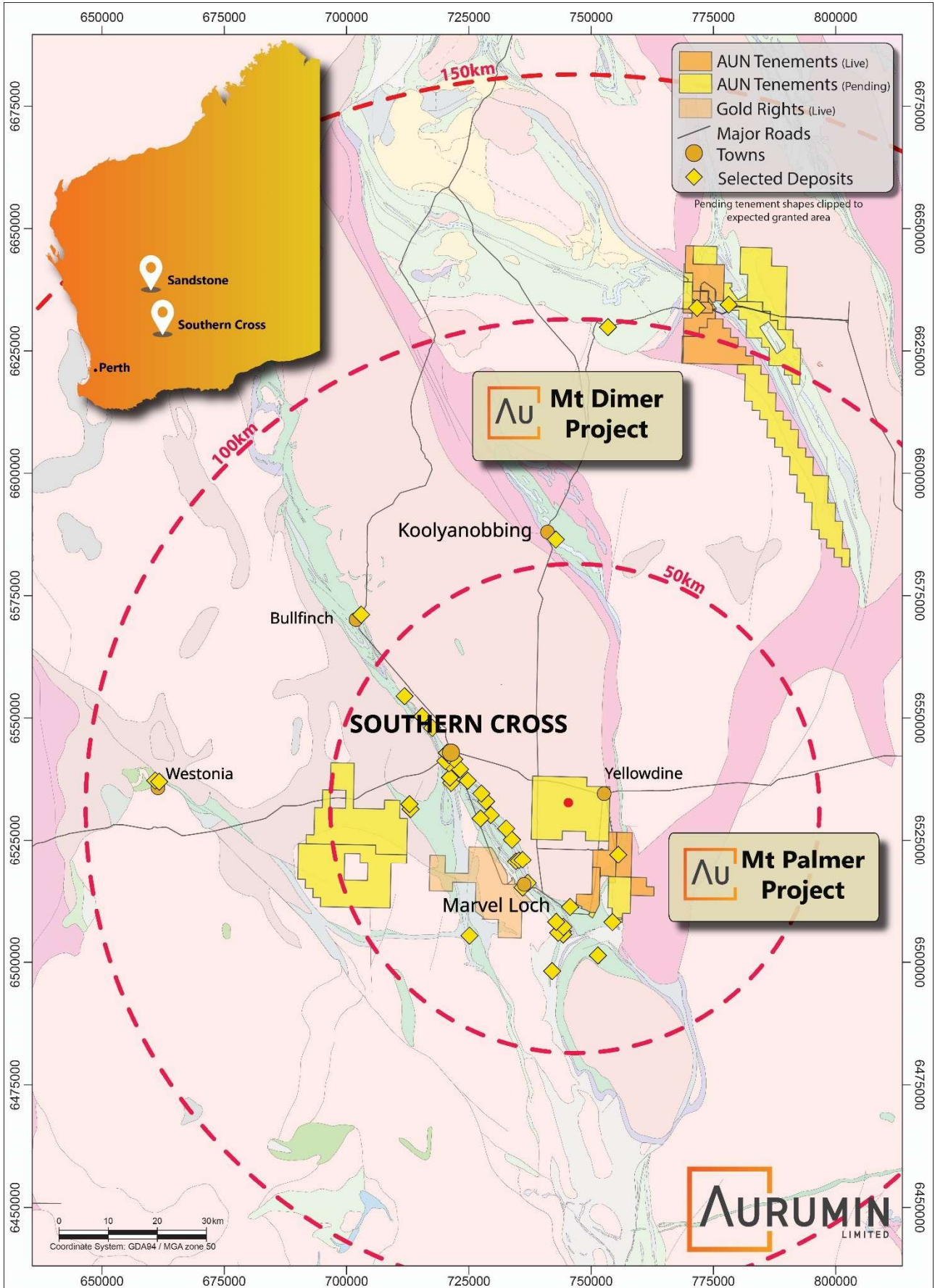
**Annexure A – Resource Table <sup>1, 2, 3</sup>**

Sandstone Operations Resources										
Deposit	Reported to Depth Below Surface	Indicated			Inferred			Total		
		Tonnes (kt)	Grade (g/t Au)	Au (oz)	Tonnes (kt)	Grade (g/t Au)	Au (oz)	Tonnes (kt)	Grade (g/t Au)	Au (oz)
<b>Sandstone Open Pit Deposits – Summary Mineral Resource Estimates (2012 JORC Code) at 0.5g/t cut-off*</b>										
Two Mile Hill	150m	1738	1.3	71,700	378	1.5	18,200	2116	1.3	89,900
Shillington	140m	1300	1.5	60,800	613	1.5	29,800	1913	1.5	90,600
Wirraminna	120m	300	1.3	12,100	280	1.1	9,700	580	1.2	21,800
Old Town Well	90m	282	1.0	8,800	68	0.6	1,400	351	0.9	10,100
Plum Pudding	70m	384	1.1	13,100	35	0.9	1,000	419	1.1	14,100
Eureka	85m	340	0.9	9,700	221	0.9	6,500	561	0.9	16,200
Twin Shafts	95m	149	1.0	4,700	37	0.7	900	186	0.9	5,600
Goat Farm	120m				398	1.0	13,200	398	1.0	13,200
McIntyre	60m	496	1.2	19,400	67	0.9	1,900	562	1.2	21,300
Ridge	75m	173	1.2	6,700	67	1.9	4,000	240	1.4	10,700
McClaren	80m	236	1.4	10,600	60	1.7	3,200	296	1.5	13,800
<b>Sandstone Open Pit Subtotal</b>		<b>5,398</b>	<b>1.3</b>	<b>217,600</b>	<b>2,223</b>	<b>1.3</b>	<b>89,800</b>	<b>7622</b>	<b>1.3</b>	<b>307,400</b>
<b>Sandstone Underground Deposits – Summary Mineral Resource Estimates (2012 JORC Code) at 0.73g/t cut-off*</b>										
Two Mile Hill Underground – Tonalite	from 150m to 560m				10,676	1.6	554,100	10,676	1.6	554,100
Two Mile Hill Underground – BIF	NA	48	6.8	10,400	105	2.8	9,400	153	2.8	19,800
<b>Sandstone Underground Subtotal</b>		<b>48</b>	<b>6.8</b>	<b>10,400</b>	<b>10,782</b>	<b>1.6</b>	<b>563,500</b>	<b>10,829</b>	<b>1.6</b>	<b>573,900</b>
<b>Johnson Range Open Pit Deposits – Summary Mineral Resource Estimates (2012 JORC Code) at 1.0g/t cut-off</b>										
Gwendolyn	100m				803	2.51	64,700	803	2.51	64,700
<b>Sandstone Operations Total</b>		<b>5,446</b>	<b>1.3</b>	<b>228,000</b>	<b>13,808</b>	<b>1.6</b>	<b>718,100</b>	<b>19,254</b>	<b>1.5</b>	<b>946,000</b>

\*Data has been rounded to the nearest 1,000 tonnes, 0.1g/t and 100 ounces. Rounding variations may occur.

^Data has been rounded to the nearest 1,000 tonnes, 0.01g/t and 100 ounces. Rounding variations may occur.

**Annexure B – Southern Cross Project Location Map**





**Annexure C – Regional map of Southern Cross – Forrestania Greenstone Belt and location of lithium prospects**

