

2 May 2022

**ASX:AUN**

#### **ABOUT AURUMIN**

Aurumin Limited (ACN 639 427 099) (Aurumin or Company) is an Australian gold exploration company with advanced projects.

#### **AURUMIN BOARD**

**Piers Lewis**

Non Executive Chairman

**Brad Valiukas**

Managing Director

**Shaun Day**

Non Executive Director

**Darren Holden**

Non Executive Director

#### **CAPITAL STRUCTURE**

- 139.2 million shares
- 29.6 million options

#### **PROJECTS**

- Central Sandstone
- Mt Dimer
- Mt Palmer
- Johnson Range
- Karamindie

#### **CONTACT US**

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## **DRILLING TO COMMENCE AT SANDSTONE**

### **AURUMIN'S FIRST DRILL PROGRAMME TO TARGET TWO MILE HILL TONALITE AND SHILLINGTON BIF MINERALISATION**

**Aurumin Limited (ASX: AUN)** ("Aurumin" or "the Company") is pleased to announce the first drilling programme at its 100% owned **Central Sandstone Gold Project** is expected to commence in May, with Reverse Circulation (RC) and Diamond (DD) drilling planned.

All required approvals are in place and an RC drill rig has been secured. The RC drill rig is expected to mobilise the week commencing 9<sup>th</sup> May 2022, following completion of current works at our Mt Palmer Project.

The programme will focus both on testing depth extensions at the Two Mile Hill Deeps Deposit, and on testing the down plunge position of the high-grade core of the Shillington-Two Mile Hill Banded Iron Formation (**BIF**).

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

*"We are excited to start drilling at our Central Sandstone Project at the Shillington – Two Mile Complex."*

*"We see the Two Mile Hill Deeps resource as a key part of the project going forward, with the scale to potentially underpin future production. This extra drilling could prove important in better understanding the deposit's potential."*

## DRILLING PROGRAMME

Most of the drilling at Two Mile Hill to date has focussed on the top 250m of the deposit and has defined an open pit resource of 71,000oz. The deeper drilling that is present, although wider spaced, has identified high grade intercepts in the tonalite, often within larger moderate grade intersections (>2g/t Au), to a depth of 650m below surface; the deposit is considered open below this depth. The existing inferred UG resource is 500,000 oz Au from 160m to 500m below surface (Figure 1).

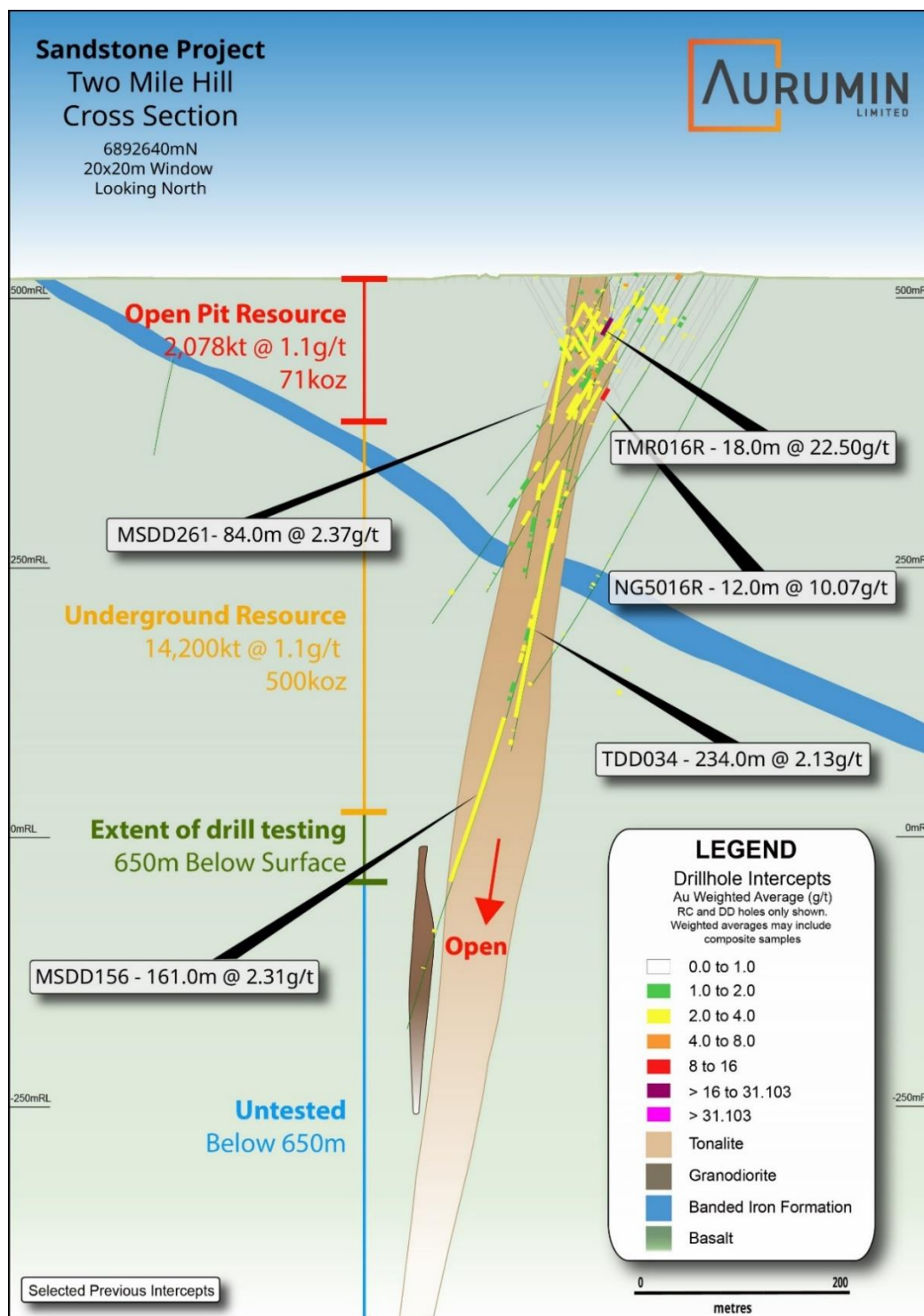


Figure 1. Cross section at Two Mile Hill on 6892640N showing density of current drilling with depths of current resources and untested tonalite.

The drill programme at Two Mile Hill will target improving the data density in the area of sparser drilling between 250m and 500m below surface. This area is relatively under-drilled, however, the drilling that is present shows good vein frequency and high-grades typical of the tonalite style mineralisation at Two Mile Hill. Five (5) holes for circa 3000m are planned.

The programme will test hypotheses of controls on mineralisation. The overarching goal being to determine ore shoot controls and demonstrate that the broad >2g/t intersections can be linked into continuous zones. This work aims to build towards defining a higher-grade resource that can be progressed towards production.

The programme will use RC precollars with DD tails completing the holes through the area of interest (Figure 2 through Figure 5). The focus of the diamond programme is on the tonalite body, however, mineralisation is also expected in the mafic and BIF units hosting the Two Mile Hill Tonalite.

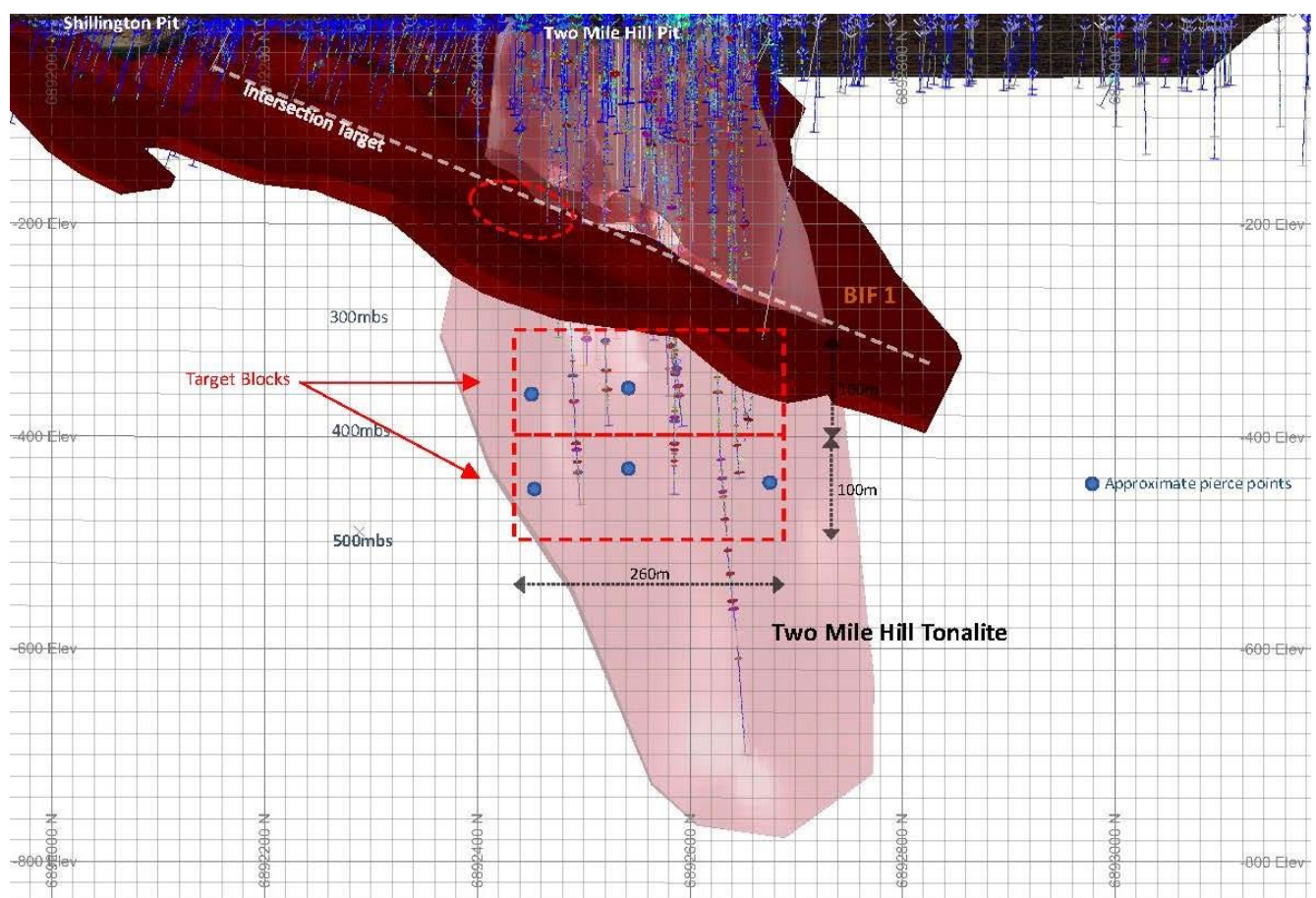


Figure 2 – Long section looking West of the Two Mile Hill Tonalite showing target windows and Shillington-Two Mile BIF target zone.

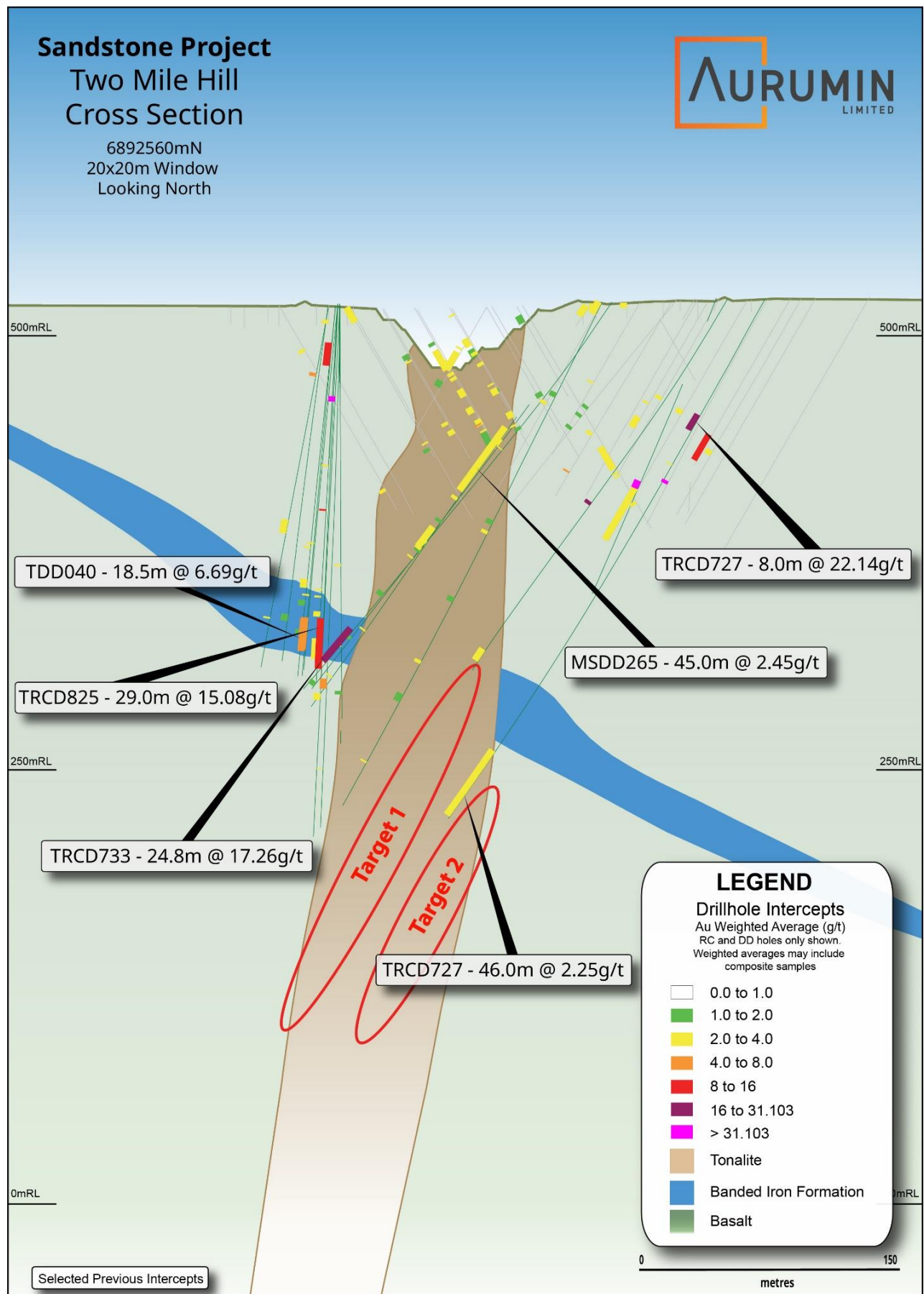


Figure 3 – Cross section showing proposed targets at Two Mile Hill on 6892560N.



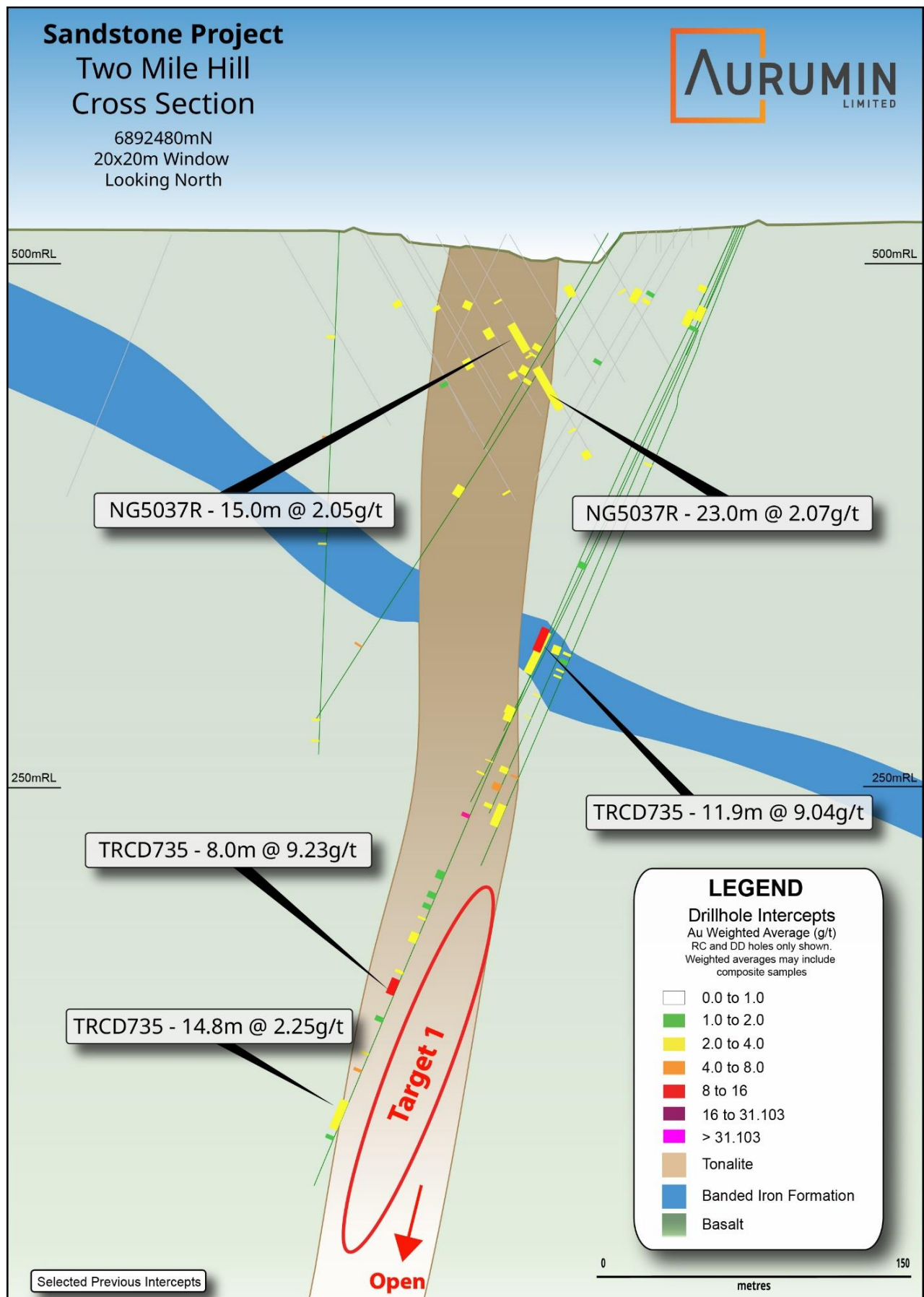


Figure 4 – Cross section showing proposed targets at Two Mile Hill on 6892480N.

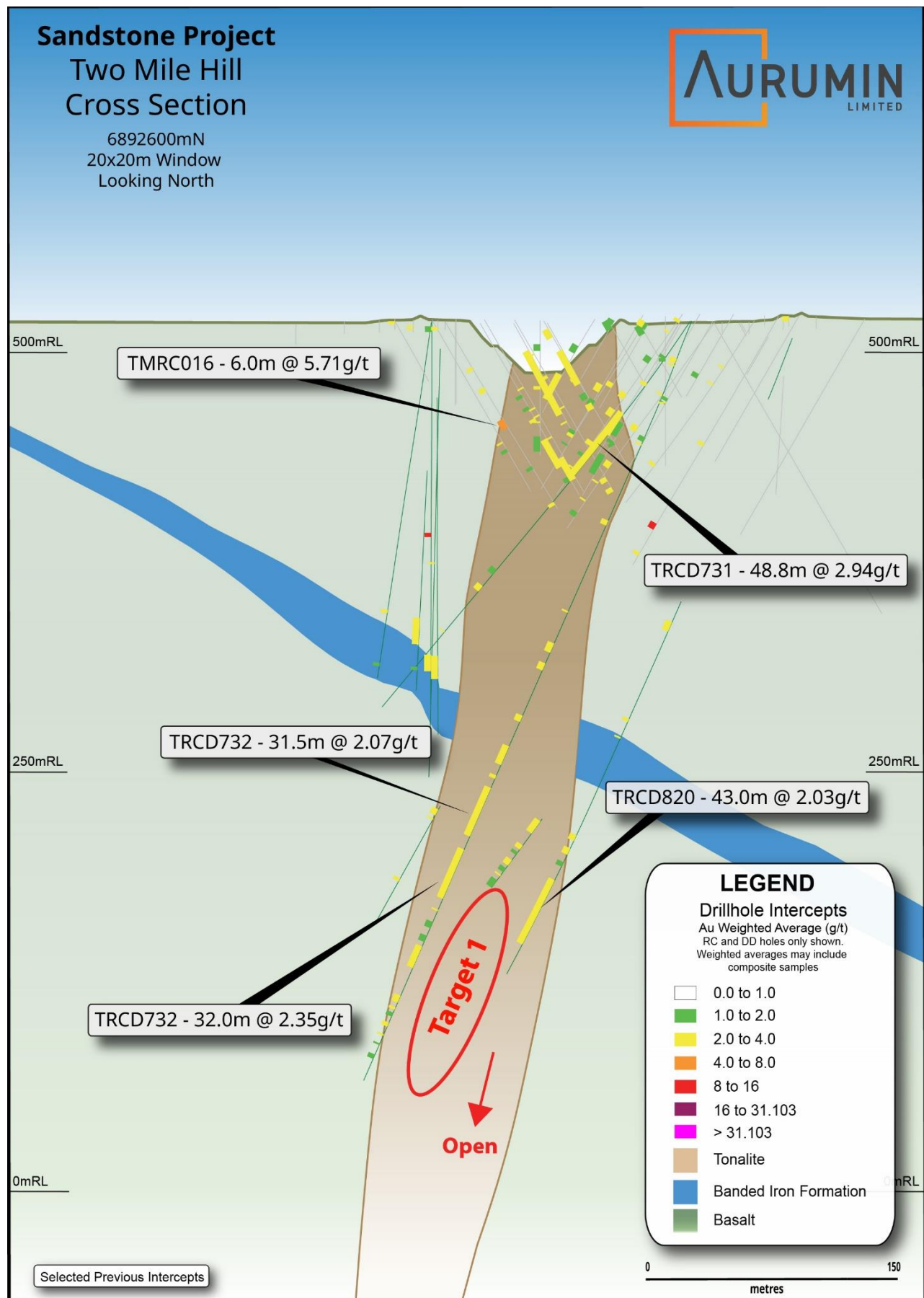
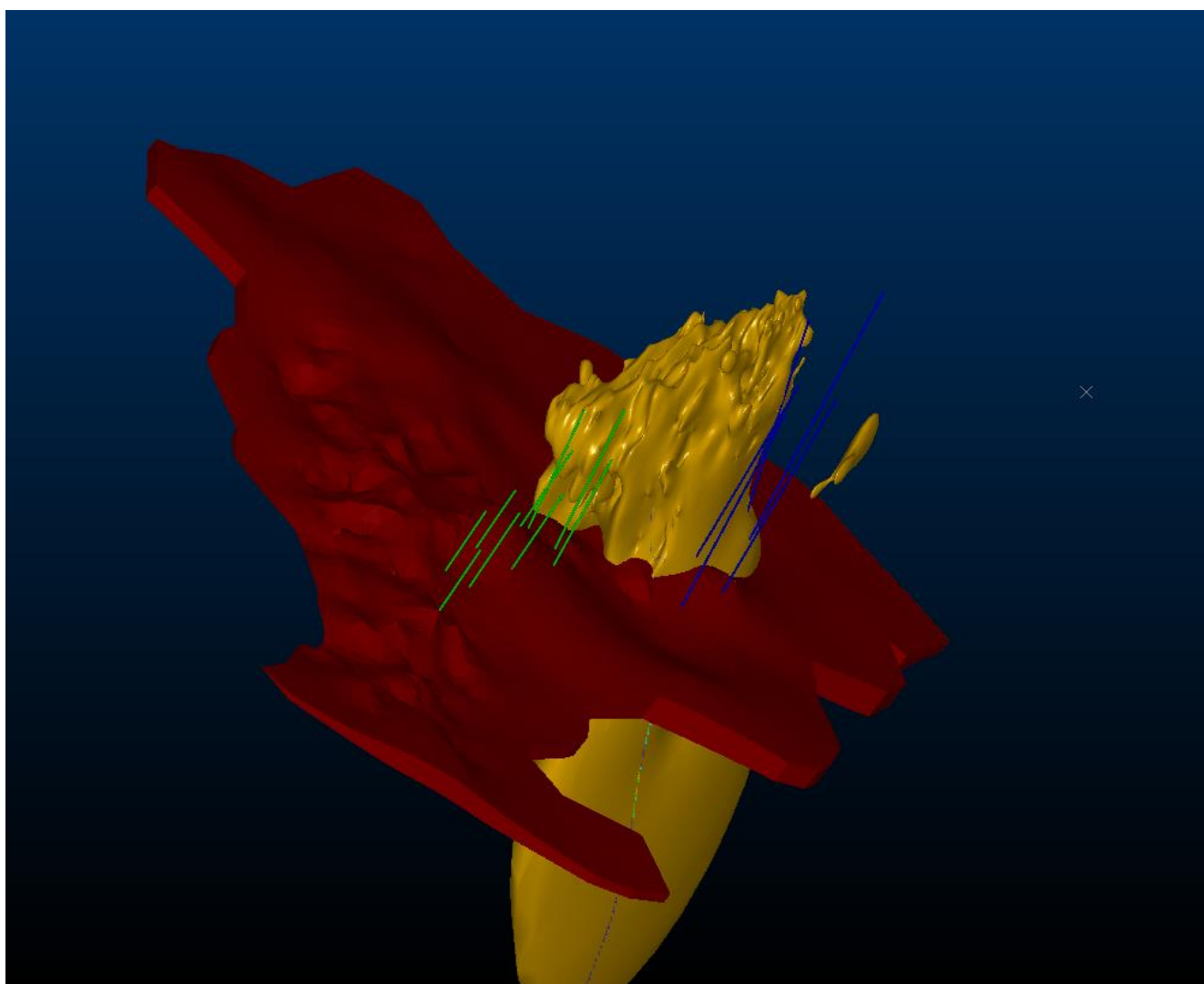


Figure 5 – Cross section showing proposed targets at Two Mile Hill on 6892600N.

The programme at the Shillington - Two Mile Hill BIF deposit targets the down plunge position of the Shillington Open Pit Resource (2,270kt @ 1.2g/t for 86,500oz) and a hypothesised structural control to the BIF hosted mineralisation (Figure 6).

The positions targeted correspond to the interpreted intersection of the of the structure into which the Two Mile Hill Tonalite has intruded. The linear structure hosting the tonalite broadly corresponds to a north plunging fold within the BIF unit and a series of narrower intrusive dykes. Mineralisation currently modelled in the BIF units is discreet and laterally constrained suggesting intersections of, or interaction with structural features is key to localising mineralising fluids and allowing the deposition of high-grade gold within the BIF, making this area an attractive target. This programme will be completed with RC drilling.

A main aim for this part of the programme is to intercept and/or identify geochemical vectors towards pods of BIF hosted mineralisation. Thereby, seeking to link the core of the Shillington open pit resource with the well-defined high-grade pod of BIF mineralisation located on this structure at ~200m below surface and in the immediate hanging-wall to the Two Mile Tonalite. This BIF zone has been closely drilled from surface and is currently estimated to contain 200kt @ 3.1g/t for 20koz. By targeting this position up plunge and along the intersection Aurumin seeks to add underground resources to complement the primary tonalite hosted system.



*Figure 6 – Oblique View looking NNW of Tonalite body intruding Shillington BIF. RC (green) and Diamond (Blue) programmes shown.*

### Authorisation for release

The Aurumin Board has authorised this announcement for release.

### For further information, please contact

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### Competent Person Statement

The information in this announcement that relates to exploration results, data quality, geological interpretations for the Sandstone Project is based on information compiled by Peter Aldridge, a Competent Person who is a Member of the Australian Institute of Geoscientists and a full-time employee of Aurumin Limited. Mr Aldridge 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 Aldridge 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 announcement that relates to mineral resources for the Central Sandstone Project were first released in the Company's announcement dated 15 December 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 Limited

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

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

- The **Central Sandstone Project** comprises a **784,000 ounce gold mineral resource** and significant project infrastructure that the Company aims to use to support a gold mining operation in the future.
- The Company's **Johnson Range Project** has a Mineral Resource of **64,700oz at a grade of 2.51g/t Au**, located midway between Southern Cross and Sandstone.

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.

### 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/>.



## Annexure A – Central Sandstone Gold Project – Mineral Resource Table

Sandstone Mineral Resources, 09 December 2021									
Deposit	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	1,901	1.1	66,000	178	0.8	5,000	2,078	1.1	71,000
Shillington	1,440	1.2	57,200	830	1.1	29,300	2,270	1.2	86,500
Wirraminna	300	1.3	12,100	280	1.1	9,700	580	1.2	21,800
Old Town Well	282	1.0	8,800	68	0.6	1,400	351	0.9	10,100
Plum Pudding	384	1.1	13,100	35	0.9	1,000	419	1.1	14,100
Eureka	340	0.9	9,700	221	0.9	6,500	561	0.9	16,200
Twin Shafts	149	1.0	4,700	37	0.7	900	186	0.9	5,600
Goat Farm				398	1.0	13,200	398	1	13,200
McIntyre	496	1.2	19,400	67	0.9	1,900	562	1.2	21,300
Ridge	173	1.2	6,700	67	1.9	4,000	240	1.4	10,700
McClaren	236	1.4	10,600	60	1.7	3,200	296	1.5	13,800
<b>Open Pit Subtotal</b>	<b>5,701</b>	<b>1.1</b>	<b>208,300</b>	<b>2,241</b>	<b>1.0</b>	<b>76,100</b>	<b>7,941</b>	<b>1.1</b>	<b>284,300</b>
<b>Sandstone Underground Deposits – Summary Mineral Resource Estimates (2012 JORC Code)</b>									
Two Mile Hill Deeps – Tonalite				14,000	1.1	480,000	14,000	1.1	480,000
Two Mile Hill Deeps – BIF				200	3.1	20,000	200	3.1	20,000
<b>Underground Subtotal</b>				<b>14,200</b>	<b>1.1</b>	<b>500,000</b>	<b>14,200</b>	<b>1.1</b>	<b>500,000</b>
<b>TOTAL</b>	<b>5,701</b>	<b>1.1</b>	<b>208,300</b>	<b>16,220</b>	<b>1.2</b>	<b>569,600</b>	<b>22,141</b>	<b>1.1</b>	<b>784,300</b>

## Annexure B – Sandstone Project Location Map

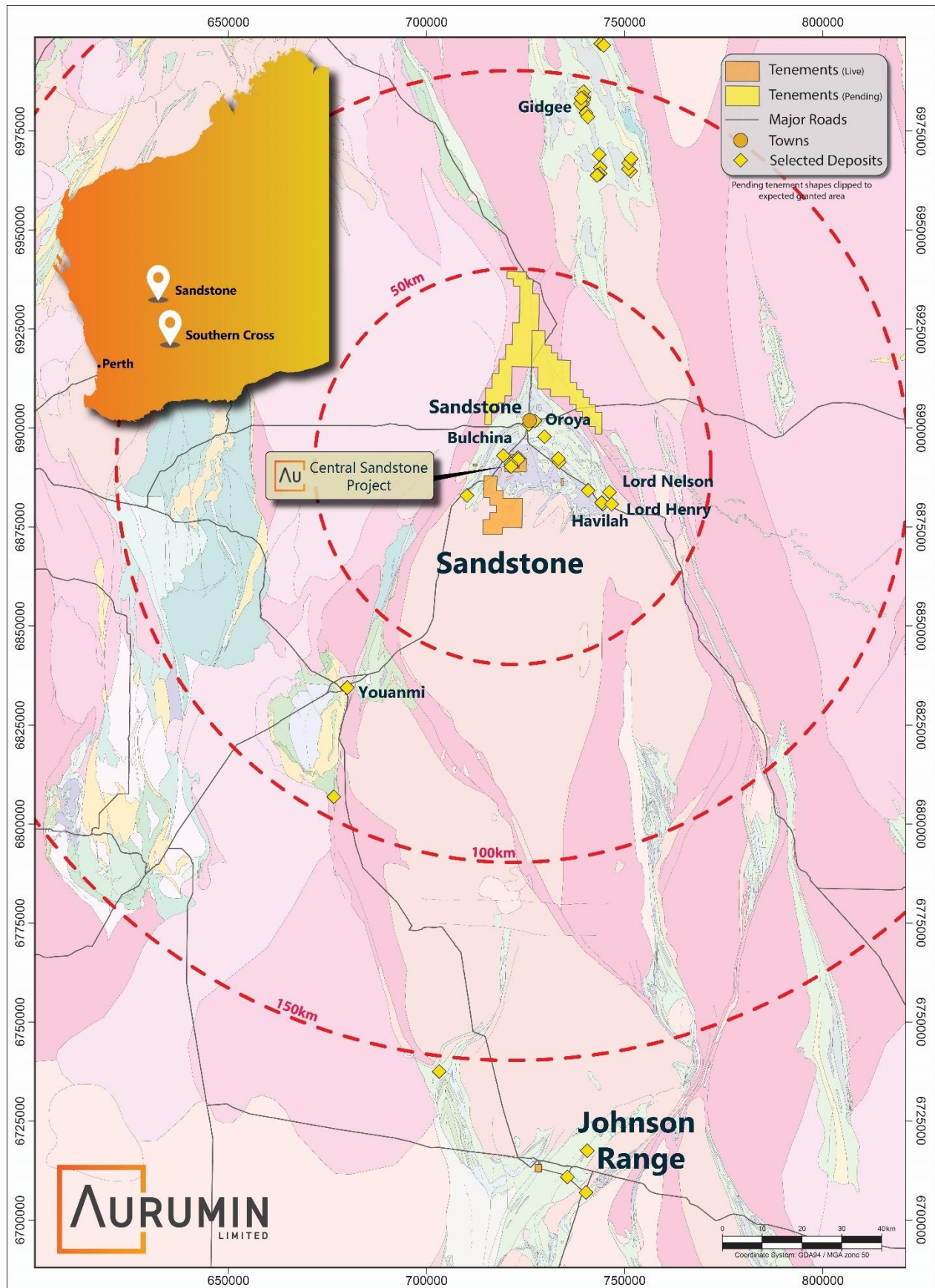


Figure 7 – Sandstone Projects – Location Map

### Annexure C – Sandstone Region Project Map

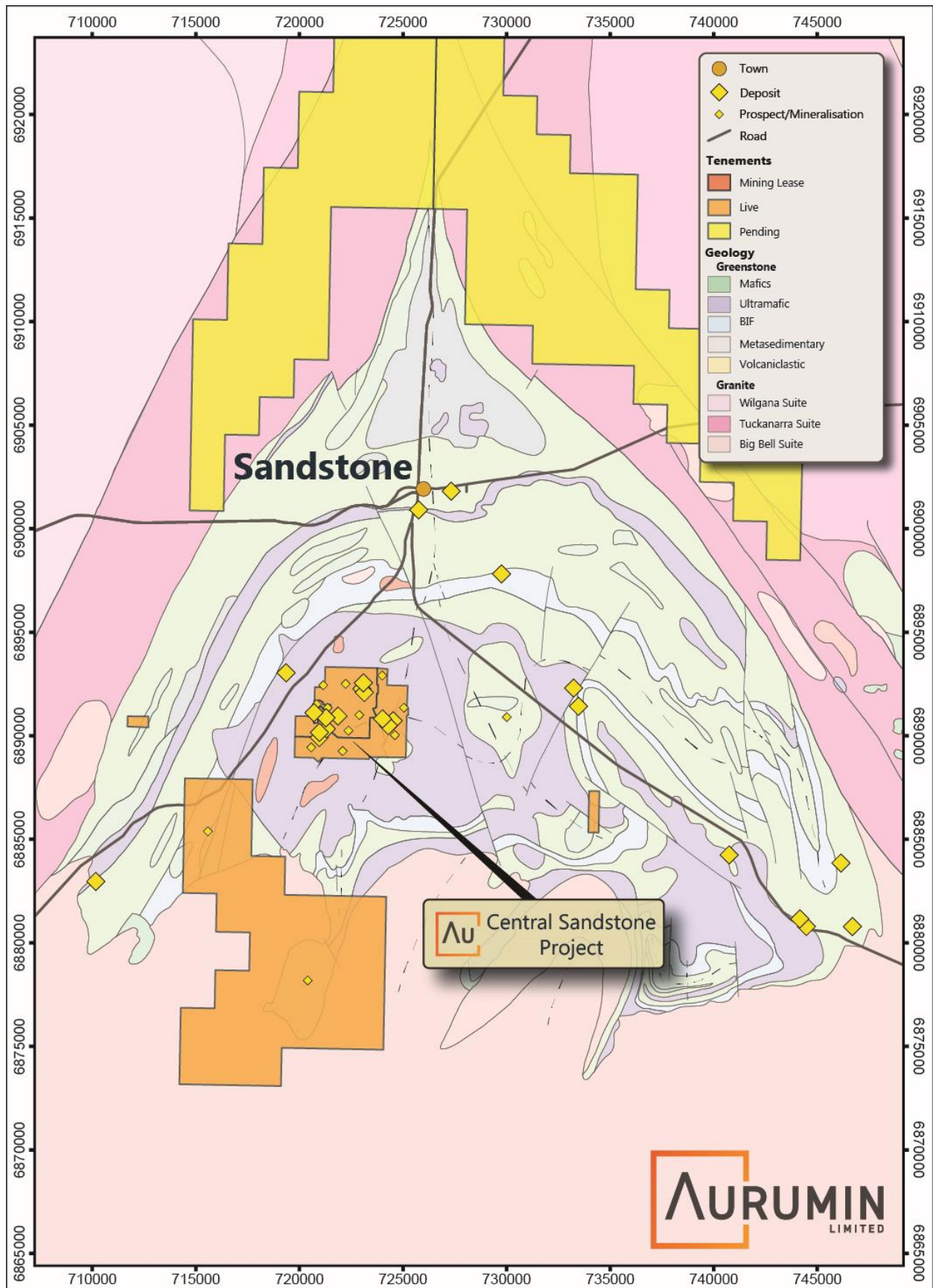


Figure 8 – Sandstone Region Project Map



## Annexure D – Central Sandstone Project Map and Resources

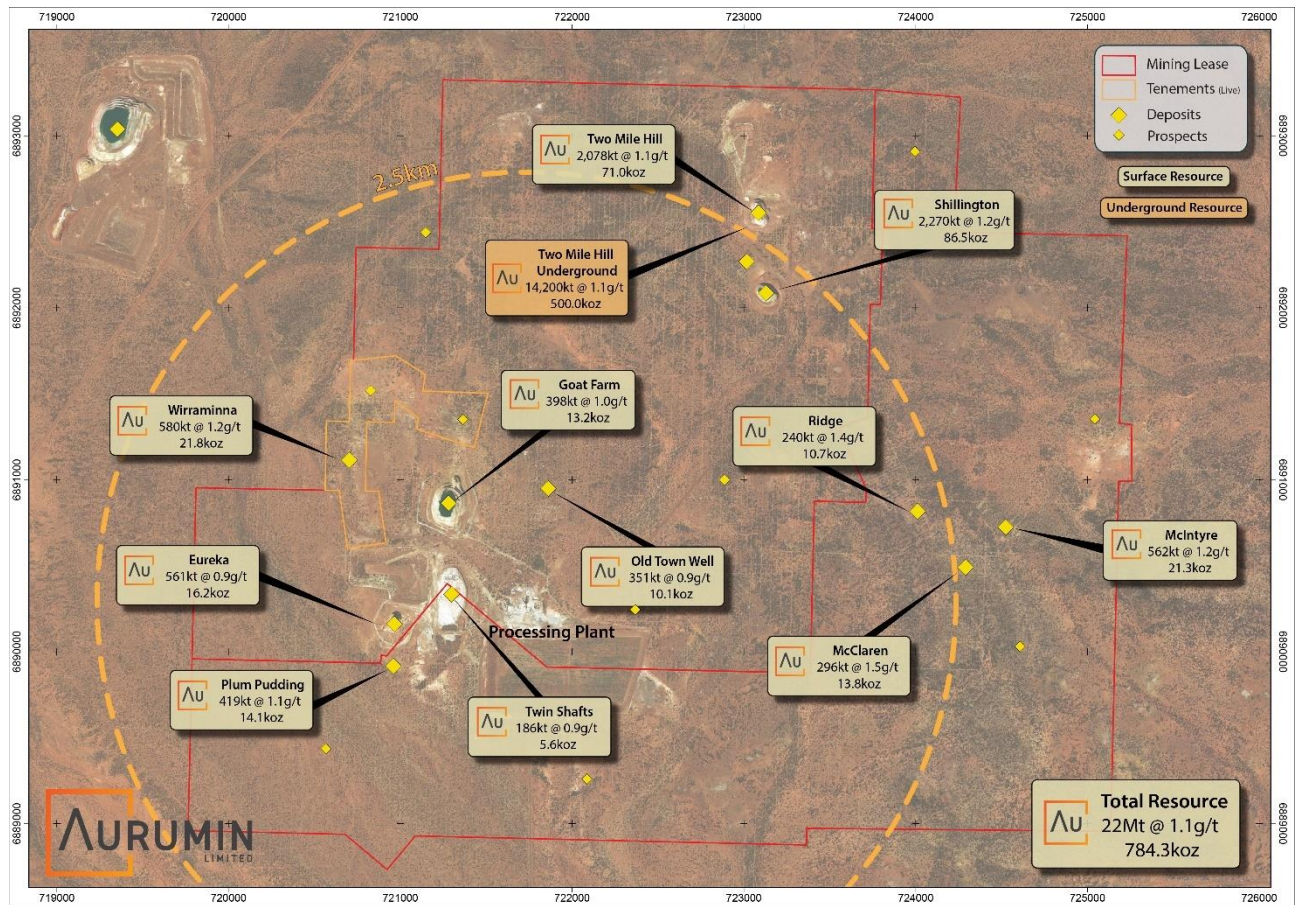


Figure 9 – Sandstone Projects – Site Layout and Resources