

## GOLD FOCUSED WEST AUSTRALIAN EXPLORATION AND DEVELOPMENT

**Company Update** 

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## Building a Mining Company



### Quality board, management and team

Extensive development and operational expertise History of adding and creating value



## **Two advanced, regional gold projects in WA** Sandstone – infrastructure and 946koz Resource Southern Cross - historical operations & high-grade deposits



## **Ongoing exploration, focused on development** Sandstone dual focus; optimising existing resources; and Advancing new targets



### **Delivering on growth ambitions**

Sandstone demonstrating upside potential, first Resource updated Actively looking to leverage skill sets into other projects



Perth



## Company Overview

## **Capital Structure**

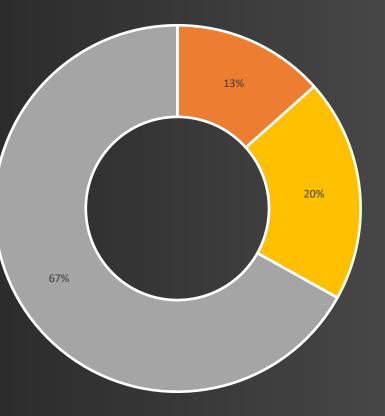
Shares on Issue	177.8M
Share Price (27 January 2023)	\$0.063
Market Capitalisation	\$11.2M
Listed Options (25c)	29.6M
Unlisted Options (25c)	7.7M
Unlisted Options (30c)	25.3M
Unlisted Options (40c)	4.2M

## Financial Position

Cash (31 December 2022)	\$1.8M	
Debt (31 December 2022) (convertible note)	(\$6.4M)	
Enterprise Value	\$15.9M	

## **Convertible Note Details**

Conversion Price	30c
Conversion Before	18 <sup>th</sup> September 2024



Board & Management

MDI

Retail and Funds



ASX:AUN | 4

## Aurumin Team

## Board

Piers Lewis Non-Executive Chairman - BCom, CA, FGIA

Finance professional with 25 years of corporate advisory experience with various ASX and AIM companies.

Currently non-executive director and company Secretary for a number of ASX Listed companies, including Grange Resources Limited and Noronex Limited. Founder and operator of SmallCap Corporate. Previous senior management roles with Credit Suisse (London), Mizuho International, ABN Amro and NAB Capital.

Brad Valiukas Managing Director - BEng (Mining), GradCert (Econ), Member AusIMM

Mining Engineer with 25 years of operational, management and executive experience, covering underground and open pit operations across multiple commodities around Australia and internationally.

Previously Manager – Technical Services for Northern Star Resources, COO at Focus Minerals, COO at ABM Resources and multiple senior roles at Mincor Resources.

Darren Holden Non-Executive Director - BSc (Hons) (Geology), PhD (History)

Geologist and experienced director with over 25 years of industry experience in Australia and internationally including projects in Canada, USA and Mexico.

Currently non-executive director of Odessa Minerals Limited, owner of exploration advisory business GeoSpy Pty Ltd, and is a founder and director of project generators Marlee Minerals Pty Ltd and Odette Geoscience Pty Ltd. Additionally holds positions with Silver Mines (NSW), and Lion One Ltd (Fiji). Previously MD at ABM Resources and Executive VP Exploration at Geoinformatics.

Shaun Day Non-Executive Director - BCom, Fellow CA ANZ, Fellow FINSA

Finance professional with 20 years of executive, financial and commercial roles across mining and infrastructure, investment banking and advisory firms.

Currently CEO of London listed Greatland Gold PLC. Previously CFO of ASX100 Northern Star Resources, SGX50 Sakari Resources and ASX 200 Straits Resources. Previously non-executive director of ASX Attila Resources, TSX Superior Gold and TSX Goldminco Corporation.

## Management

Mark Rowbottam Executive Manager – Corporate Development - BAppSc, MBA, F FIN, Member AICD

Corporate finance professional with over 25 years of executive, corporate advisory and board experience.

Previously Non-Executive Director of ASX Latin Resources, Aleator Energy, GRP Corporation and co-founder of Allegra Capital Pty Ltd, a wholesale corporate advisory firm providing ASX listing and M&A advice in the minerals, energy, technology and biotechnology sectors.

Shane Tomlinson Manager – Exploration - BSc (Expl & Min Geology), MSc (Ore Deposits), Member AIG

Geologist with over 20 years of experience in exploration and mining geology, covering underground and open pit operations across multiple commodities throughout Western Australia and West Africa.

Previously Principal Geologist for Mineral Resources, Geology Manager for Hexagon Resources and Exploration Manager for West Peak Iron and positions with companies including Barrick Gold and Sons of Gwalia.

Simon Smith Project Manager – Sandstone Operations– BA, BSc (Geology), MSc (Hons) (Structural and Economic Geology), Member AUSIMM, SEG.

Geologist with over 18 years of experience in near mine gold exploration and mine geology in a range of deposit types in the Northern Territory, Western Australia, and New Zealand.

Previous positions include Geology Manager at Northern Star's Kanowna Belle and South Kalgoorlie operations. Other positions include with Newmont Asia Pacific in Exploration and Operational roles across New Zealand, Northern Territory and Eastern Goldfields.

**Justin Robins** Principal – Land and Environment - BSc (Geology), GradCert (Public Sector Management), GradDip (Environmental Management), MSc (Mineral Economics) and MBA. Certified Management Systems Specialist (Environmental) and Environmental Management Systems Auditor (Certification Exemplar Global).

25 years of experience in geology, environment and land access over multiple jurisdictions, both in the public and private sector, dealing in environmental regulation, approvals, compliance, tenure and stakeholder engagement.

Graeme Bland Principal – Resource Geology - MSc(Tech) (Earth Sciences), Member AIG

Geologist with over 20 years of experience in mine geology, resource development and exploration, in both underground and open pit operations. Commodities covered include both gold and nickel throughout Australia, New Zealand, and Alaska.

Previous Senior positions held at Northern Star Resource, Norton Goldfields, Goldfields, Norilsk Nickel, and Hill 50 Gold.

#### Peter Aldridge Principal – Geology Data – BSc (Geology), Member AIG

Geologist and data professional with over 10 years of experience in the geosciences across mineral exploration, GIS and data management over Western Australia and the Northern Territory.

Previously Database Geologist for Golden Iron Resources and Project Geologist for ABM Resources

## ESG and Sustainability

Our ESG commitment aligns to our Core Values - Integrity, Respect, Responsibility and Achievement.

Aurumin believes that environmental stewardship and social responsibility is integral to the success of its businesses. We strive to adhere to the best industry standards and governance in order to create additional value for our shareholders and stakeholders.



### Environmental Stewardship

Aurumin is committed to ensuring all exploration activities are conducted responsibly and that risks and impacts from historical activities are minimised

## Support Loca

Wherever practicable, Aurumin utilises local contractors and purchases good and services in the local community

# Rai

## Mutual Benefit

Aurumin is committed to developing enduring and mutually beneficial outcomes for all stakeholders Aurumin is committed to minimising the carbon footprint and environmental impact of future development

Low Carbon



## Sandstone Operations



## Combined Resource increased to 946koz Au

881koz at Central Sandstone 65koz at Johnson Range



## Existing, permitted infrastructure

500ktpa processing plant (requires refurbishment) Camps, offices, workshops, airstrip access, bore fields

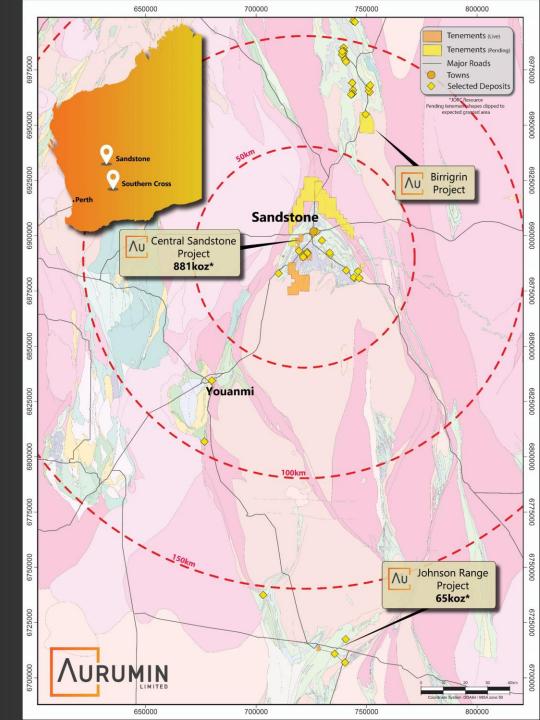


## Great starting position with upside

Optimisation of existing Resources Growth through exploration, tenement footprint expansion

## Regional Ambitions

Significant past producing region with no current producers Central Sandstone Project a key foothold in region



## Central Sandstone Project



## **Significant Resource base** 18Mt @ 1.5g/t for 881koz Au

Open pit and underground



**Ongoing resource development** Shillington / Two Mile Hill updated 9 other resources to be reviewed

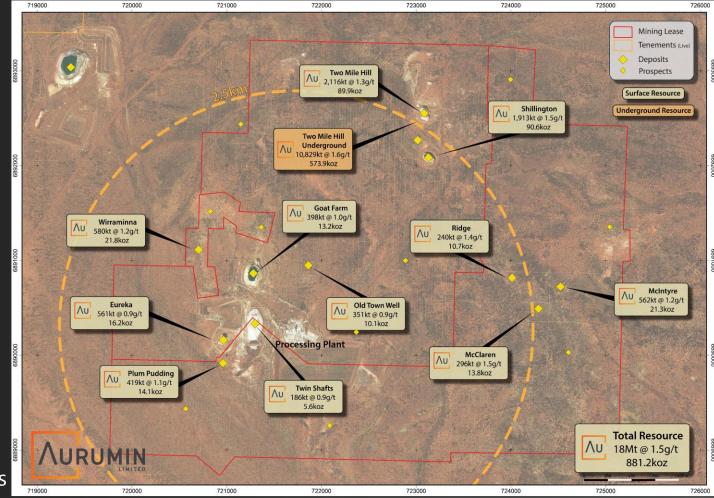


Historical production centre Last operated by Troy Resources 2010 Expected recoveries >90%



## Significant upside remains

Multiple geochemical & structural targets Granted mining leases, 20km<sup>2</sup>





## Two Mile Hill / Shillington Open Pits

### **Open Pit Mineral Resources increased to 181koz Au**

Shillington91koz (1.9Mt @ 1.5g/t Au)Two Mile Hill90koz (2.1Mt @ 1.3g/t Au)

#### Key future open pit production location

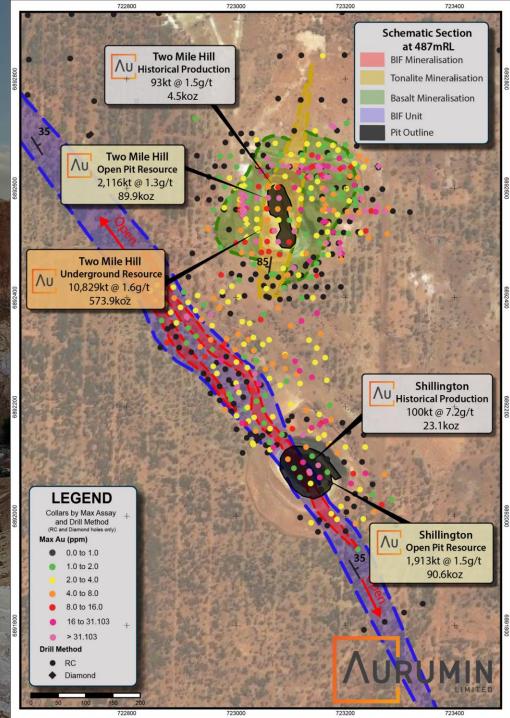
Currently largest open pit resource at Central Sandstone Potentially opens up access to Two Mile Hill UG

### **Recent drilling targeted connecting structure**

Good results returned in BIF, including: 6m @ 5.40g/t, 7m @ 5.78g/t, 8m @ 4.99g/t

### Updated geology and resource model completed

Updated model added 24koz and increased grade from 1.1g/t to 1.4g/t Further exploration upside



## Two Mile Hill Underground

#### Largest Resource at Central Sandstone

10.8Mt @ 1.6g/t for 573koz Au UG Mineral Resource UG Resource from 150m to 560m below surface = 1400oz/vm

### Key driver for Sandstone acquisition

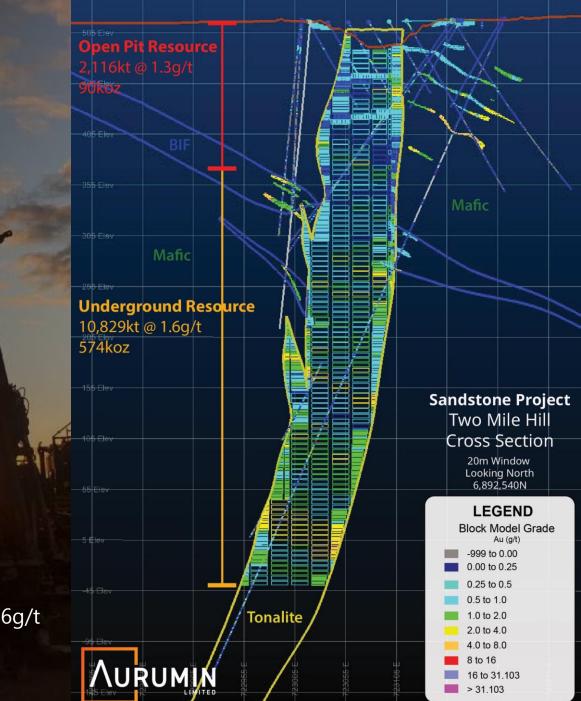
Potential to underpin a standalone operation at Sandstone Bulk low cost UG, open pits as additional mill feed

### Assays returned grades above previous model

Big broad intersections 343.9m @ 1.29g/t, 224.0m @ 1.48g/t, 352.8m @ 1.50g/t Au, and 242.7m @ 1.20g/t Au

### Updated geology and resource model completed

Updated model added 73koz and increased grade from 1.1g/t to 1.6g/t Further exploration upside,



## **Central Sandstone Exploration**

### **Mining Leases are prospective**

Auger programme completed, Ultrafine soil sampling ongoing

#### **11 geochemical targets from Auger programme**

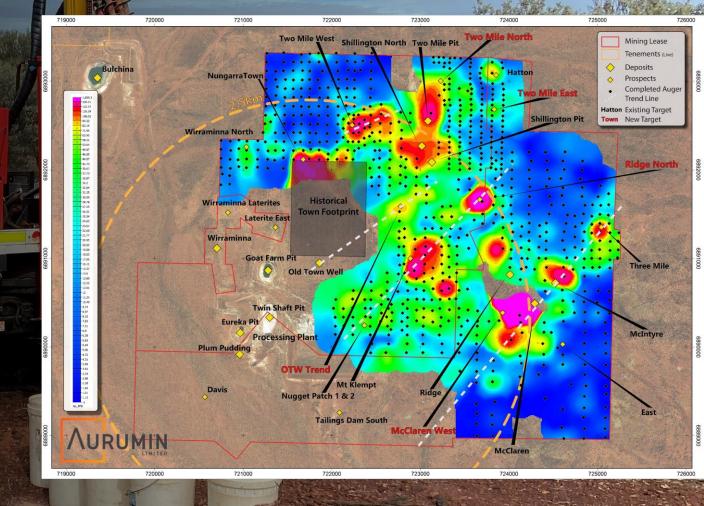
Historically untested or undertested Supported by structural interpretations

### Adding critical mass for production

New targets proximal to infrastructure Adding to existing open pit Resources

### Focus of next drill programme

Looking to advance targets to deposits Further exploration upside



## Greater Sandstone Project



## Significant tenement footprint

≈107km<sup>2</sup> granted exploration tenure Plus multiple applications



## Underexplored

Known mineralised structures and deposits Limited exploration / modern exploration



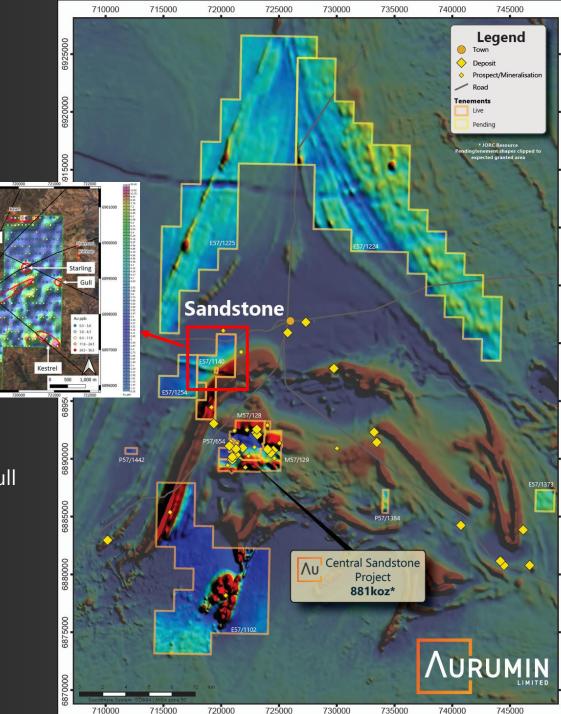
### Prospective tenements

New anomalies – Starling, Swallow, Goldfinch, Kestrel, Gull First pass work, including soils, ongoing



## **Continuing to build Sandstone position**

Adding more targets and scale to Sandstone Operations Ongoing process to expand footprint



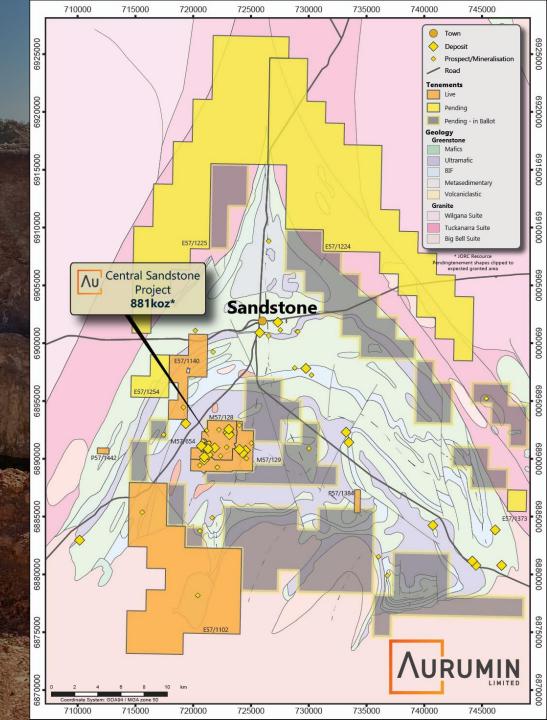
## Tenement Applications

## Multiple tenement applications in Sandstone region

Potential to significantly increase Sandstone footprint Building a footprint for future production

### Multiple applications subject to ballot

Multiple parties for most ballots Ballot dates pending



## Birrigrin Project



### Historical high-grade production

Potential sweetener for Sandstone 70km north of Sandstone with good road access

## **Prospective tenements**

Granted mining lease plus, production up to 196g/t 6km greenstone strike under application with known gold

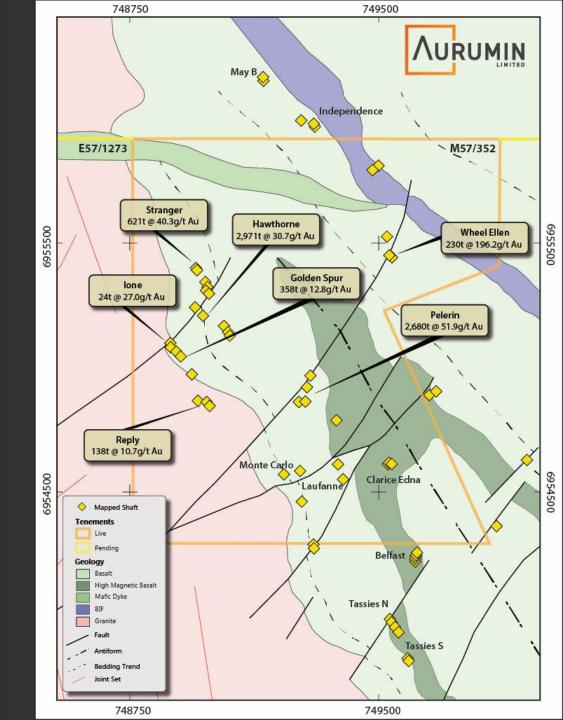
## Underexplored

Limited exploration or limited modern exploration 2023 programme to develop



## **Continuing to build Sandstone position**

Adds more targets and scale to Sandstone Operations Ongoing process to expand footprint



## Johnson Range Project



#### **Previously a stranded deposit**

Marda–Diemals Greenstone Belt Now part of Sandstone Operations



64,700oz Au Mineral Resource 803,000t @ 2.51g/t Au August 2021 Inferred Mineral Resource



240km from Sandstone Good road in place



Ready to add to Sandstone feasibility Confirmation drilling to convert to indicated is required





## Sandstone Infrastructure

#### 500,000tpa process plant and infrastructure

Permitted @ 500ktpa (requires refurbishment) Known upgrade path to 750ktpa

### **On-site infrastructure**

Offices, workshops, bores, tailings, roads and other supporting infrastructure

## Sandstone infrastructure – 15km away

Camp and exploration office. FIFO-suitable airport Bitumen Perth to Sandstone

### **Targeting >2Mtpa plant capacity**

Aim to set up as a low cost regional hub Historically, >1Moz Au produced regionally



## 2023 H1 Sandstone Plans

#### **Continue to build Sandstone Operations**

Improve existing resources and add new resources Ongoing project footprint expansion

## **RC drill programme**

Test multiple new targets, including on mining leases Aiming to increase open pit inventory, adding to 11 existing resources

### Ongoing early stage works on new tenements

Focus on mapping and ongoing soil sampling Advancing prospects to a drill ready stage

#### **Continue footprint expansion**

Sandstone applications and ballots in progress Commercial deals to increase project size

## Southern Cross Operations



### **Highly endowed Southern Cross Region**

Multi-million ounce production history Open pit and underground gold mines



## Projects with high-grade mining history Mt Dimer – 600kt @ 6.4g/t Au

Mt Palmer – 300kt @ 15.9g/t Au



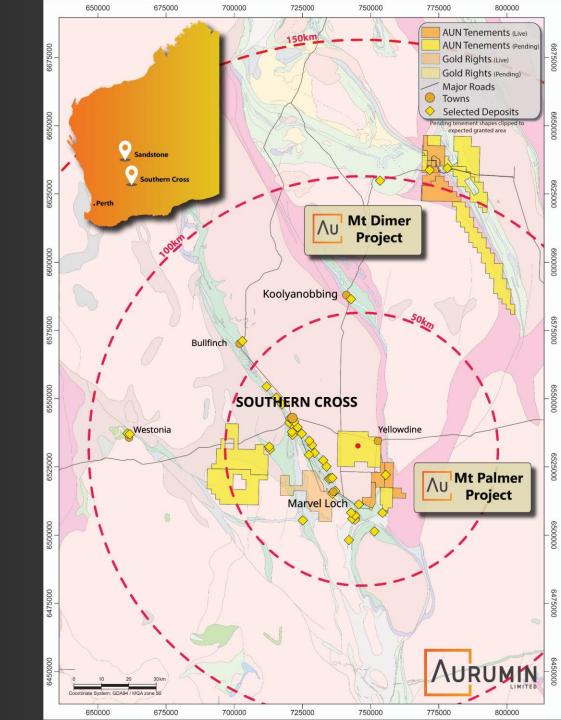
## **Highly prospective footprints**

High-grade unmined deposits at Mt Dimer to add to Areas with no systematic modern exploration



## **Gold plus other Commodities**

Lithium at Mt Palmer – unfinished business Iron Ore at Mt Dimer



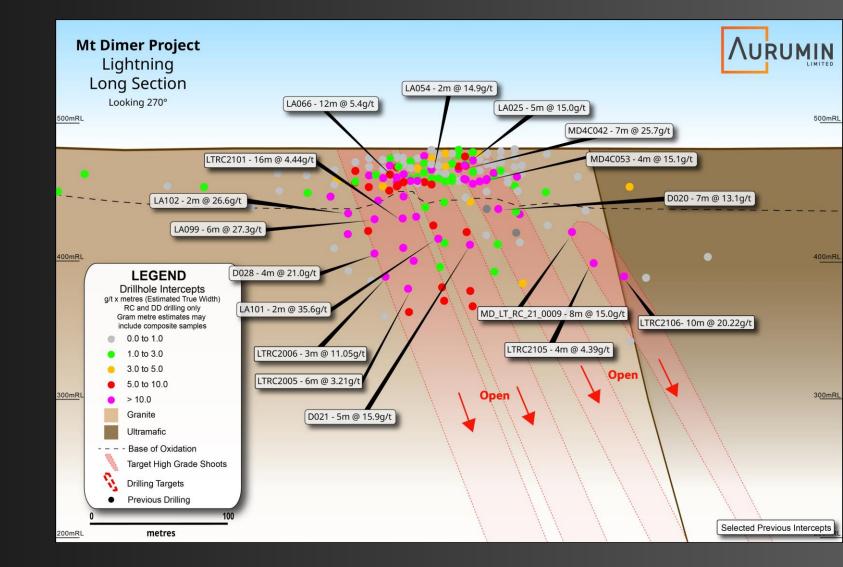
## Lightning Deposit

### Aurumin's best results

LTRC2106 10m @ 22.2g/t Au including 1m @ 153.5g/t Au MDLTRC210009 8m @ 15.0g/t Au including 1m @ 90.70g/t Au

## Only shallow assessment to date

UG potential below 120m remains Near to Golden Slipper





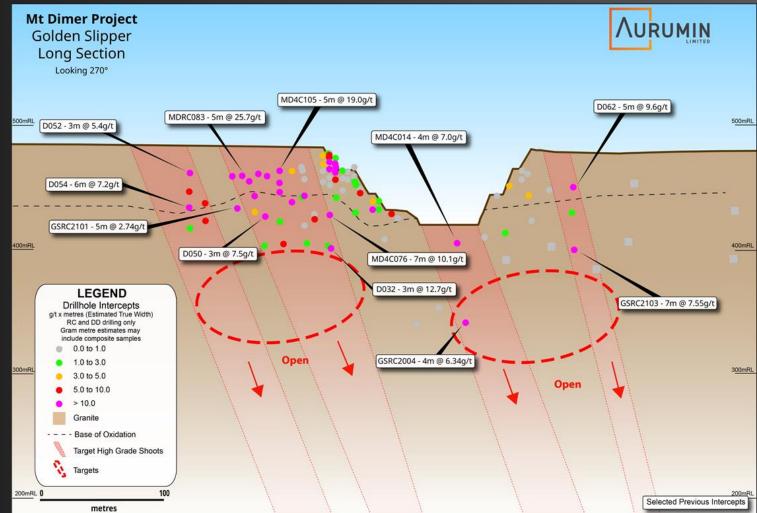
## Golden Slipper Deposit

#### Aurumin's best result

GSRC2103 7m @ 7.55g/t Au including 1m @ 30.25g/t Au

### **Only shallow assessment to date**

UG potential below 120m remains Near to Lightning

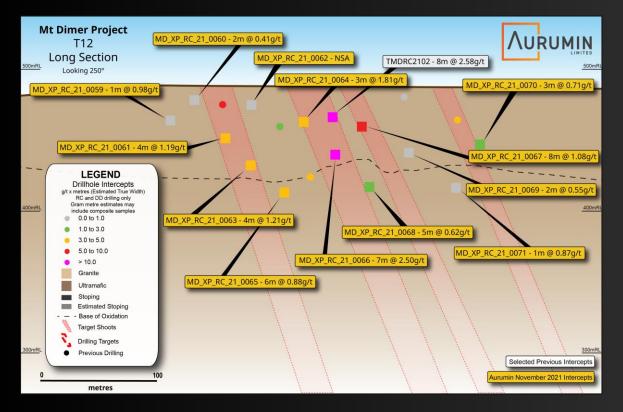


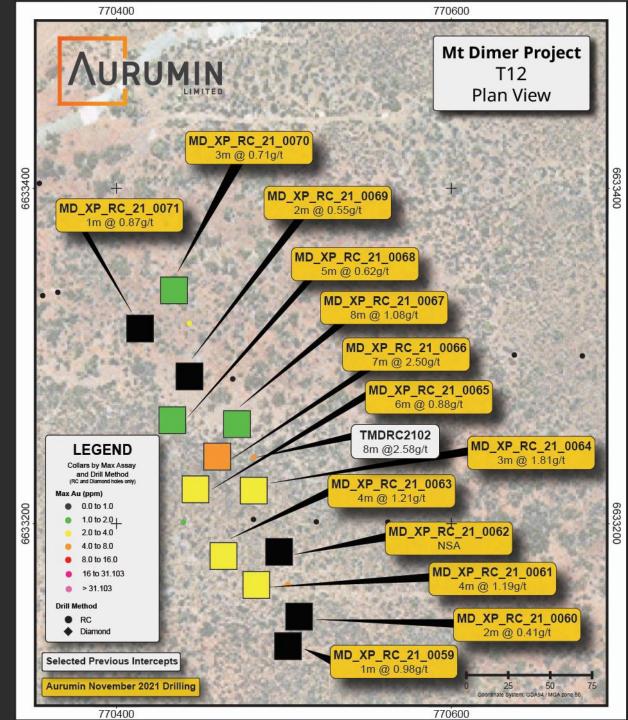


## T12 Discovery

### **Broad, shallow intersections from near surface**

TMDRC2102 8m @ 2.58g/t Au TMDRC2101 4m @ 2.76g/t Au MDXPRC210066 7m @2.50g/t Au





## Mt Dimer Regional Exploration

## **Stepping out in 2022**

Significant tenement footprint Looking to add scale to potential Mt Dimer operations

#### **Prospective tenements**

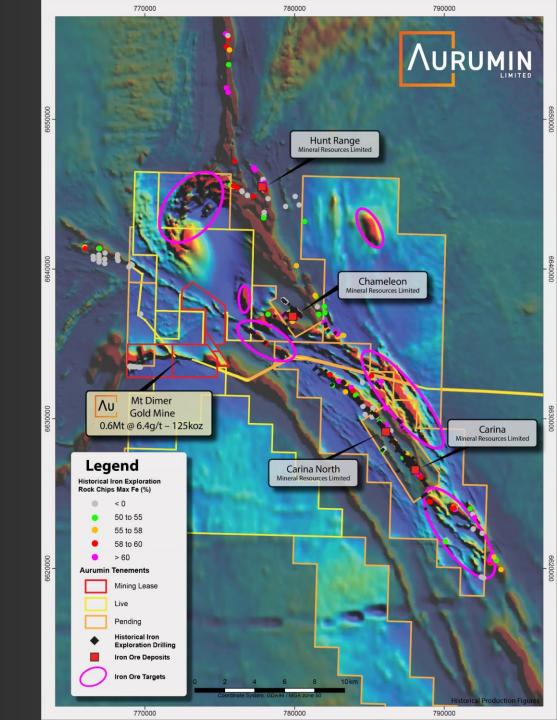
Known mineralised structures and deposits Limited exploration or limited modern exploration

### **Mt Dimer Project prospective for Iron Ore**

Carina DSO mine along strike Other deposits: Chameleon, Hunt Range

### Multiple Banded Iron Formation (BIF) units

Historical data: >58% Fe rock chips with limited follow up Undercover targets indicated by aeromagnetic imagery



## Mt Palmer Project



### **Historical Production**

Open pit and underground 300,000t @ 15.9g/t Au for 158koz Au



## No commercial production since 1940's Discovered in 1934, mined until 1944 Limited modern exploration



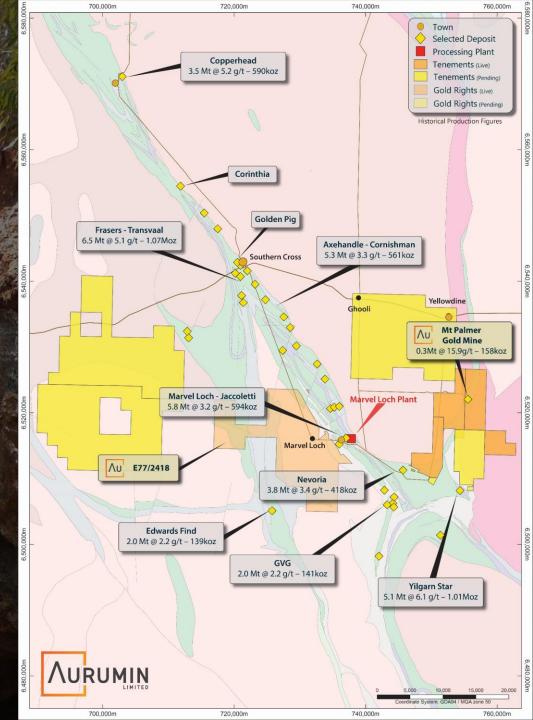
### Well located

Directly north of significant past producers Yilgarn Star > 1Moz, Nevoria > 400koz



### High potential

High-grade, high potential project Multiple commodities and prospective lithologies



## **Investment Drivers**



## Clear focus on building a mining company

Sandstone @ 946koz with potential to expand. Adding ounces, adding grade Advancing existing resources, targeting new resources and expanded footprint



## Quality board and management team

Extensive development and operational expertise History of adding and creating value



## Ongoing exploration, focused on development Sandstone dual focus; optimising existing resources; and Advancing new targets



## Delivering on growth ambitions

Sandstone demonstrating upside potential - Two Mile Hill and Shillington updated Actively looking to leverage skill sets into other projects



## Contact Us

Brad Valiukas Managing Director

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Subscribe to our mailing list: https://aurumin.com.au/contact/



## Competent Person Statement

#### JORC Code

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#### **Competent Person Statements**

The information in this presentation that relates to exploration results, data quality, geological interpretations and mineral resources for the Mt Dimer Project were first released in the Company's announcements dated 1 September 2021, 3 November 2021, 17 December 2021, 11 February 2022 and 27 April 2022. 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 announcements continue to apply and have not materially changed.

The information in this presentation 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.

The information in this presentation 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.

The information in this presentation that relates to exploration results, data quality, geological interpretations and mineral resources for the Sandstone Operations (Central and Greater Sandstone Projects and Birrigrin Project) were first released in the Company's announcements 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, 31 October 2022, 24 November, 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.



## **Resource Tables**

Sandstone Operations Resources										
	Indicated			Inferred			Total			
Deposit	Tonnes	Grade	Au	Tonnes	Grade	Au	Tonnes	Grade	Au	
	(kt)	(g/t Au)	(oz)	(kt)	(g/t Au)	(oz)	(kt)	(g/t Au)	(oz)	
			Ce	entral Sands	tone*					
Sandstone Open Pit Deposits – Summary Mineral Resource Estimates (2012 JORC Code) at 0.5g/t cut-off										
Two Mile Hill	1738	1.3	71,700	378	1.5	18,200	2116	1.3	89,900	
Shillington	1300	1.5	60,800	613	1.5	29,800	1913	1.5	90,600	
Wirraminna	300	1.3	12,100	280	1.1	9,700	580	1.2	21,800	
Old Town Well	282	1	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	4,700	37	0.7	900	186	0.9	5,600	
Goat Farm				398	1	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	
Open Pit Subtotal	5, 398	1.3	217,600	2,223	1.3	89,800	7622	1.3	307,400	
Sandstone	Undergrou	ind Deposits	s – Summary M	lineral Reso	urce Estima	tes (2012 JC	ORC Code)	at 0.73g/t o	ut-off	
Two Mile Hill Underground – Tonalite				10,676	1.6	554,100	10,676	1.6	554,100	
Two Mile Hill Underground – BIF	48	6.8	10,400	105	2.8	9,400	153	2.8	19,800	
Underground Subtotal	48	6.8	10,400	10,782	1.6	563,500	10,829	1.6	573,900	
Central Sandstone Total	5,446	1.3	228,000	13,005	1.6	653,300	18,451	1.5	881,300	
	Johnson Range^									
	Range Open	Pit Deposit	s – Summary N	1		-	-		1	
Gwendolyn				803	2.51	64,700	803	2.51	64,700	
Sandstone Operations Total	5,446	1.3	228,000	13,808	1.6	718,100	19,254	1.5	946,000	

\*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. Updates highlighted



