# AURUMIN

WEST AUSTRALIAN
GOLD FOCUSSED
EXPLORATION AND DEVELOPMENT

9<sup>th</sup> June 2022

**Resources Roadhouse Investment Afternoon** 

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# Building a Mining Company



#### **Quality board and management**

Extensive Development and Operational Expertise History of adding and creating value



#### **Delivering on growth ambitions**

Sandstone acquisition completed and drilling now Actively looking to leverage skill sets into projects



#### Two advanced, regional gold projects in WA

Southern Cross (Mt Dimer) and Sandstone
Historical production profiles and significant upside at both



#### Ongoing exploration, moving to development

Sandstone exploration active, including deep drilling Southern Cross exploration active:

Gold and iron ore targets at Mt Dimer Lithium targets at Mt Palmer





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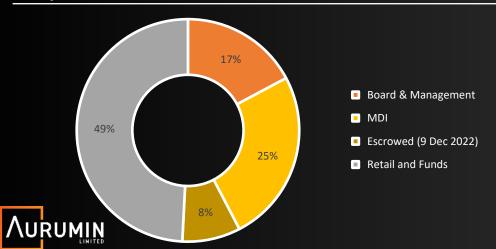
### Corporate Snapshot

#### **Capital Structure**

Shares on Issue	139.2M
Share Price (28 April 2022)	\$0.16
Market Capitalisation	\$22.3M
Unlisted Options (30c)	25.2M
Unlisted Options (40c)	4.3M

#### **Financial Position**

Enterprise Value	\$25.0M
Debt (31 March 2022)	(\$6.4M)
Cash (31 March 2022)	\$3.7M



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

Finance professional with 25 years of years 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 over 20 years operational, management and executive experience, covering underground and open pit operations across multiple commodities around Australia and internationally.

Most recently Manager – Technical Services for Northern Star Resources, previously 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 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.

#### Mark Rowbottam Executive Manager – Corporate Development - BAppSc, MBA, F FIN, MAICD

Corporate finance professional with over 25 years 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

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.

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

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### ESG and Sustainability

Aurumin's priority is to add value to the society and business in which we operate.

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.



#### Rehabilitation

Aurumin is committed to ensuring all exploration activities are rehabilitated, including historical activities



### **Support Local**

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



#### **Mutual Benefit**

Aurumin is committed to developing enduring and mutually beneficial outcomes for all stakeholders



#### **Low Carbon**

Aurumin is committed to minimising the carbon footprint and environmental impact of planned developments

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



# Sandstone Operations



#### **Combined Resource of 849koz Au**

Further upside with continued exploration Footprint expansion has commenced



#### **Value from Johnson Range Project**

Existing 64,700oz @2.5g/t Au JORC-2012 Mineral Resource Now part of our Sandstone Operations



### **Existing, permitted infrastructure**

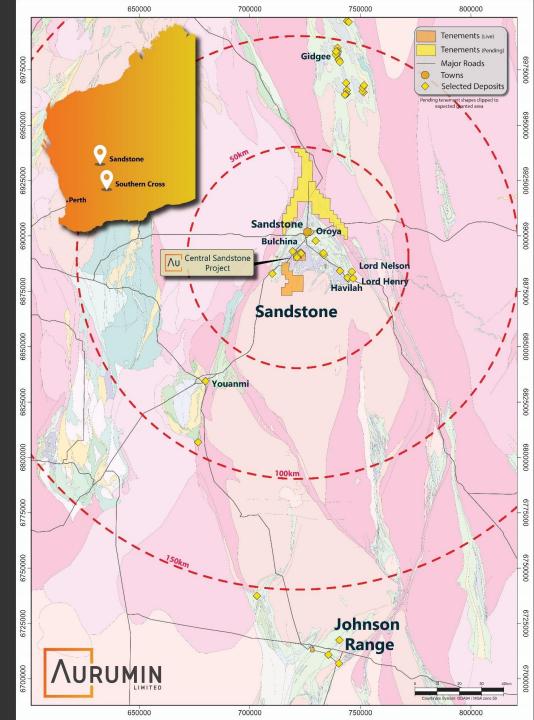
500ktpa processing plant, upgradeable to 750ktpa Camps, offices, airstrip access, bore fields



#### **Regional Ambitions**

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





### Central Sandstone Project



#### **Significant Resource base**

22Mt @ 1.1g/t for **784.3koz Au** Open pit and underground



#### 11 existing deposits

Plus numerous additional targets Granted mining leases



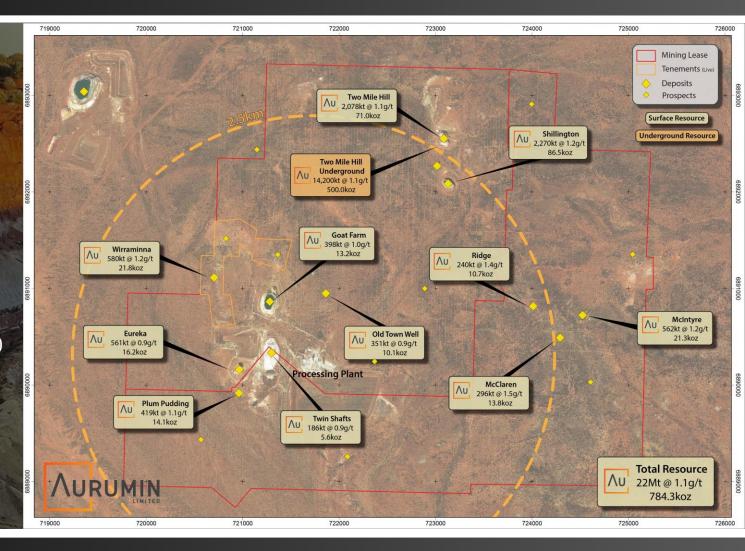
#### **Historical production centre**

Last operated by Troy Resources 2010 >1Moz Au produced regionally



#### **Ongoing resource development**

First auger programme complete Two Mile Hill drilling now





### Central Sandstone Exploration Underway

#### First Auger programme complete

Gold assays returned Multi element still in progress

#### 11 geochemical targets

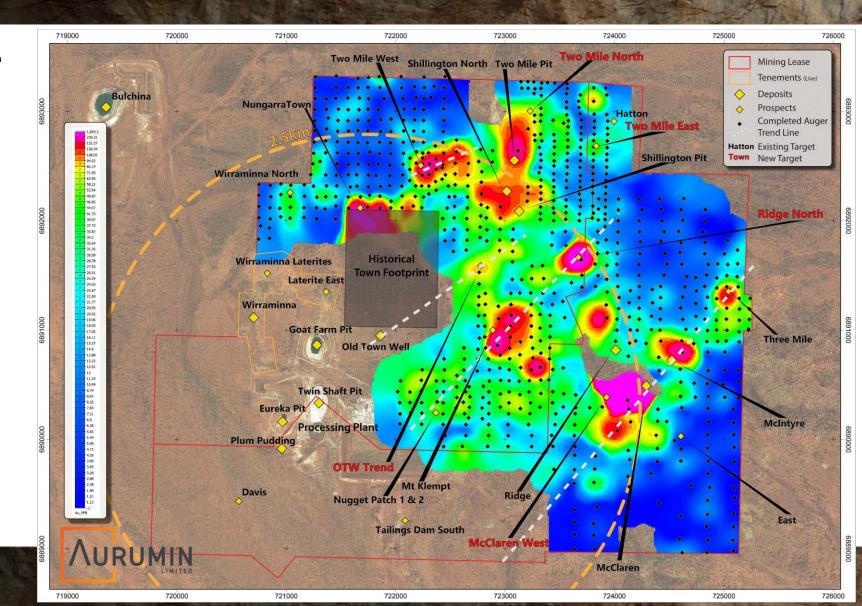
All within a few km of historical infrastructure footprint

#### **Further upside**

Portion of the mining tenements still to be done

#### **Building critical mass**

Assists progression to production





# Two Mile Hill UG

#### **Largest Resource at Central Sandstone**

14.2Mt @ 1.1g/t for **500koz Au** UG Mineral Resource UG Resource from 140m to 500m below surface > **1300oz/vm** 

#### **Potential long-life underground**

Targeting a >2g/t mining inventory Bulk, low-cost mining potential

#### **Drilling now**

Controls on mineralisation to be tested and understood to better define areas of grade and mining potential

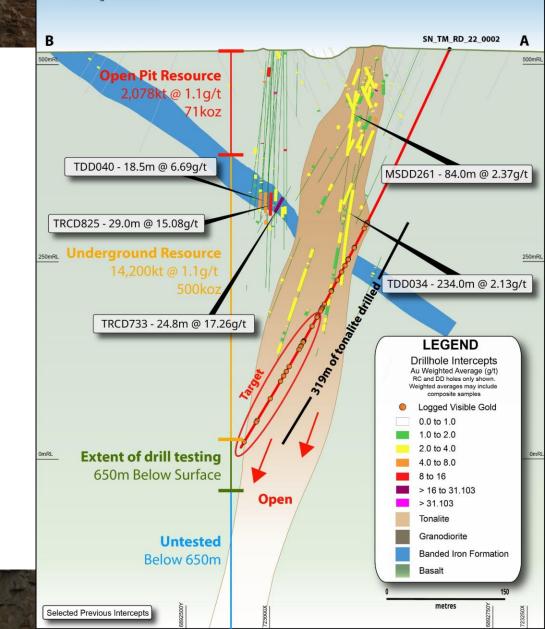
#### **Key driver for Sandstone acquisition**

Potential to underpin a standalone operation at Sandstone Open pits as additional mill feed

# Two Mile Hill Oblique Section

20x20m Window Looking North-West







# Two Mile Hill UG

**Select core pictures from SN\_TM\_RD\_2022\_02** 





# Shillington / Two Mile Complex

#### **157koz Au Open Pit Mineral Resources**

#### **Key future open pit production location**

Currently largest open pit resource at Central Sandstone

Opens up access to Two Mile Hill UG

#### Resource upside

Upside where structures interact between Shillington and Two Mile Hill

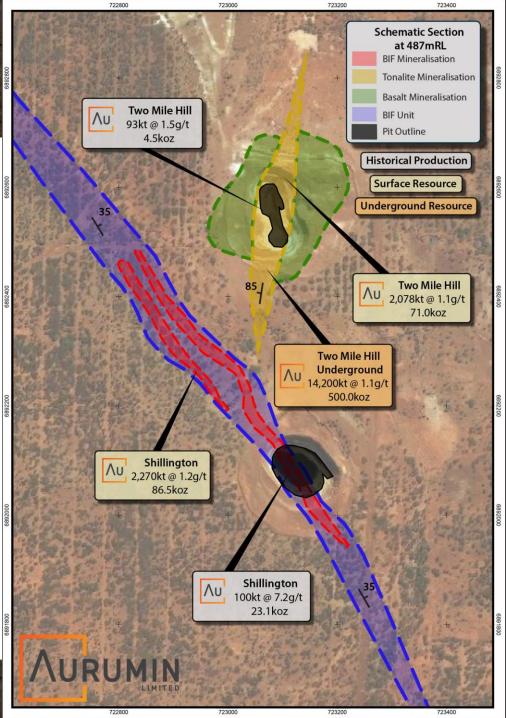
#### **Drilling recently completed**

Assays at laboratory



Photo of Two Mile Hill Open Pit





### Existing Infrastructure

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

Permitted @ 500ktpa Known upgrade path to 750ktpa

#### **Camp and office infrastructure**

Offices and other supporting infrastructure on-site Camp and exploration office located in Sandstone

#### **Common user infrastructure**

Telecommunications and FIFO-suitable airport already established in Sandstone

#### **Targeting > 1.2Mtpa plant capacity**

Set up as a low cost regional hub Expected recoveries >90% from Central Sandstone



### Southern Cross Overview



### **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



#### **Ongoing Exploration**

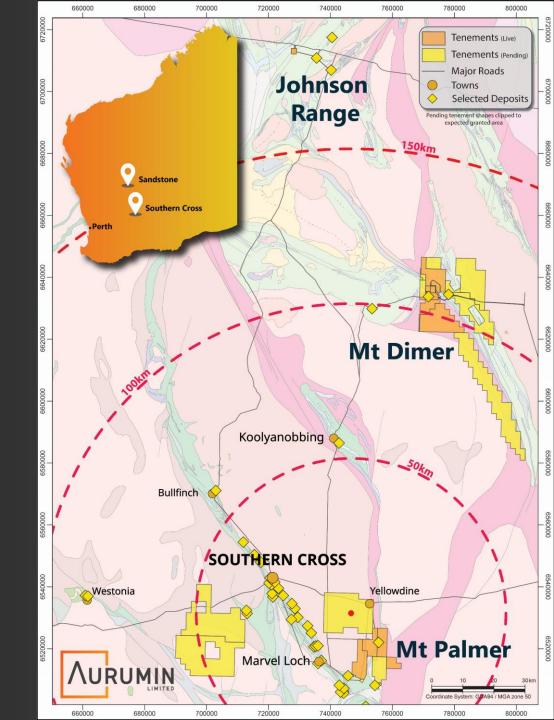
Existing deposits to build on Areas with no systematic modern exploration



### **Gold plus other Commodities**

Lithium at Mt Palmer Iron Ore at Mt Dimer





# Mt Dimer Project



#### **Historical Production**

Open pit and underground
Over 600,000t @ 6.4g/t Au for 125koz of gold produced



#### No production since late 90's

Discovered by WMC in 1987-89
Mined by Tectonic Resources from 1994-1997



### High-grade, unmined, deposits

Lightning Golden Slipper



#### **Ongoing Exploration**

Pipeline of prospects being tested and existing deposits to extend CY 2022 more regional gold exploration, plus iron ore targets



### High-grade at Lightning

#### **Aurumin's best results**

LTRC2106 10m @ 22.2g/t Au

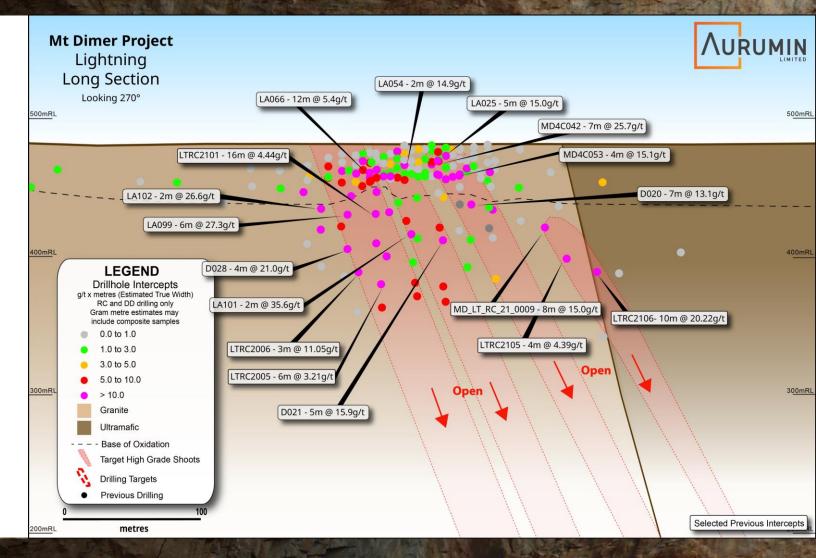
- > including 1m @ 153.5g/t Au MDLTRC210009 8m @ 15.0g/t Au
- including 1m @ 90.70g/t Au

#### Only shallow assessment to date

UG potential below 120m remains

#### **Near to Golden Slipper**

Can be mined concurrently Open pit and UG





### High-grade at Golden Slipper

#### **Aurumin's best result**

GSRC2103 7m @ 7.55g/t Au

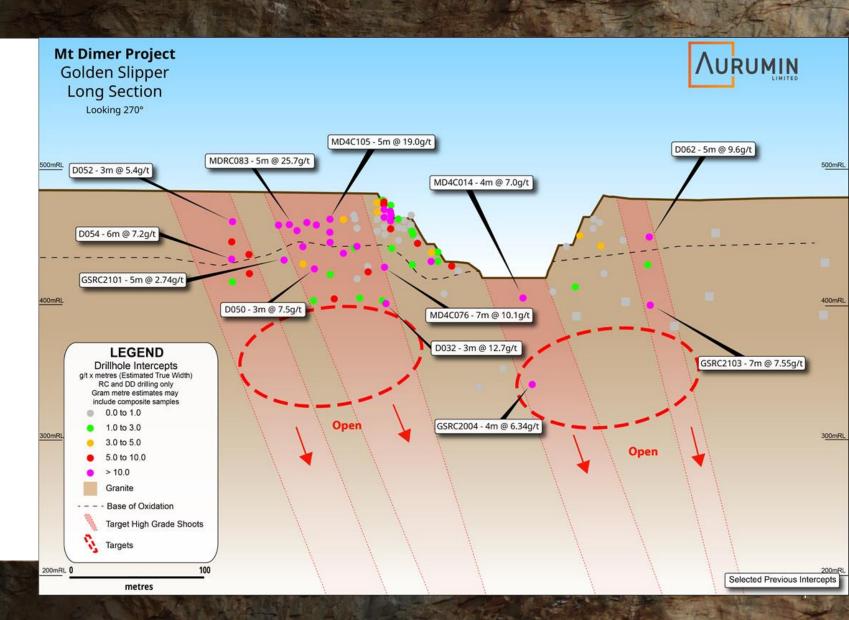
> including 1m @ 30.25g/t Au

#### **Excellent potential down plunge**

Open at depth High-grade southern shoots

#### Limited testing below pit

Future deeper drilling required





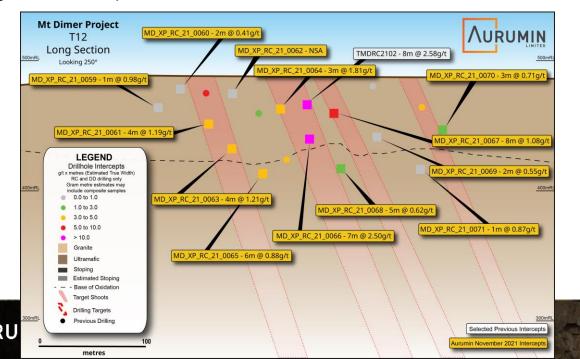
### T12 – A New Discovery

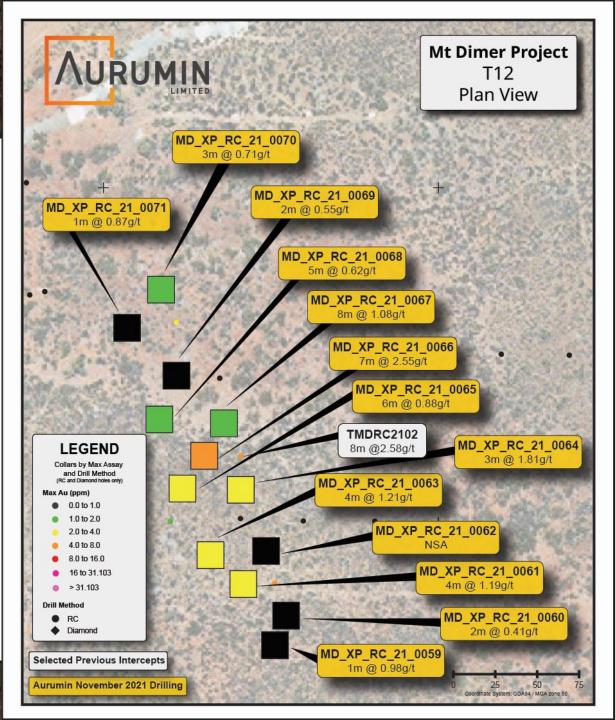
#### **Broad, shallow intersections from near surface**

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

#### Identified from geophysics and first pass drilling

Systematic exploration





### LO3 – Open in All Directions

#### **Aurumin's best results**

LO3RC106 6m @ 16.19g/t Au

including 3m @ 30.31g/t AuLO3RC104 3m @ 9.83g/t Au

#### **Limited UG mining**

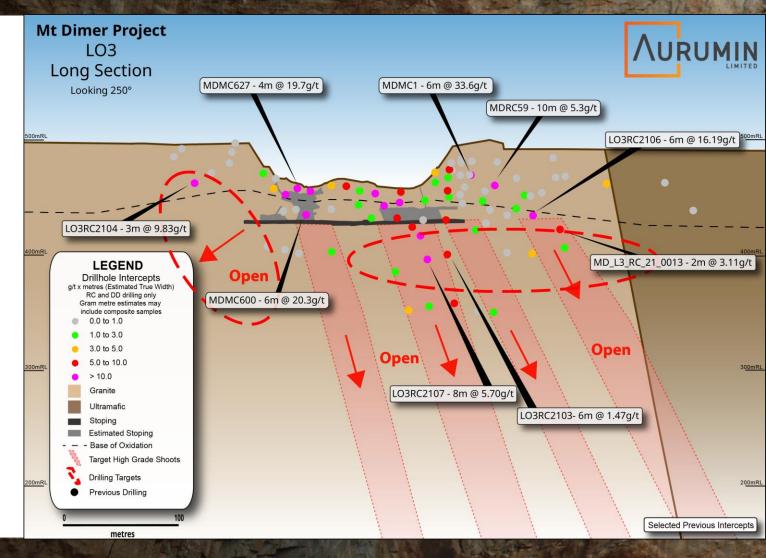
Mined on one level only Access from LO1, LO2 UG

### Open along strike and at depth

Grade on parallel structure MDL3RC210014 **4m @ 2.58g/t Au** 

> including 1m @ 8.98g/t Au

### **Potential open pit cutback**





### **UG** Potential

#### **Previous UG Development**

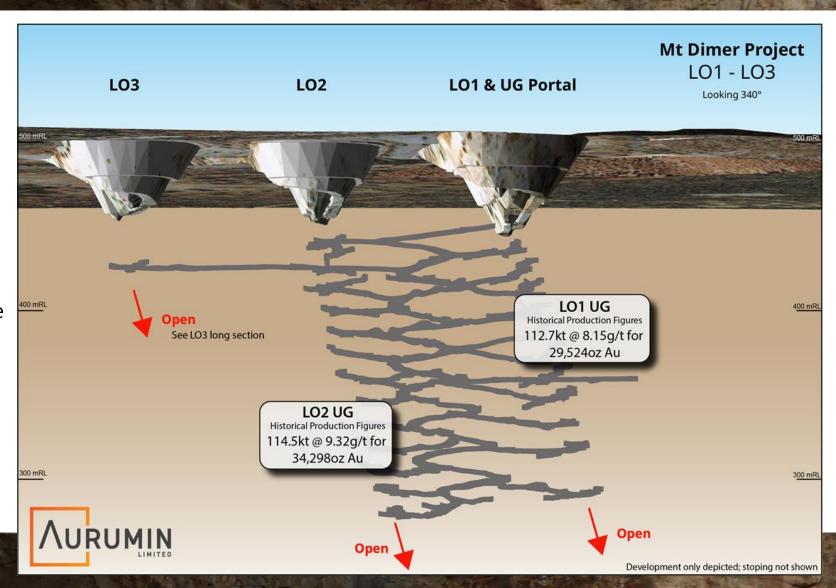
LO1 and LO2 deposits High-grade mining ≈9g/t

#### **Demonstrates continuity**

Similar mineralisation at Lightning and Golden Slipper

#### **Increases resource potential**

Deposits may be followed down plunge





# Multiple Iron Ore Targets

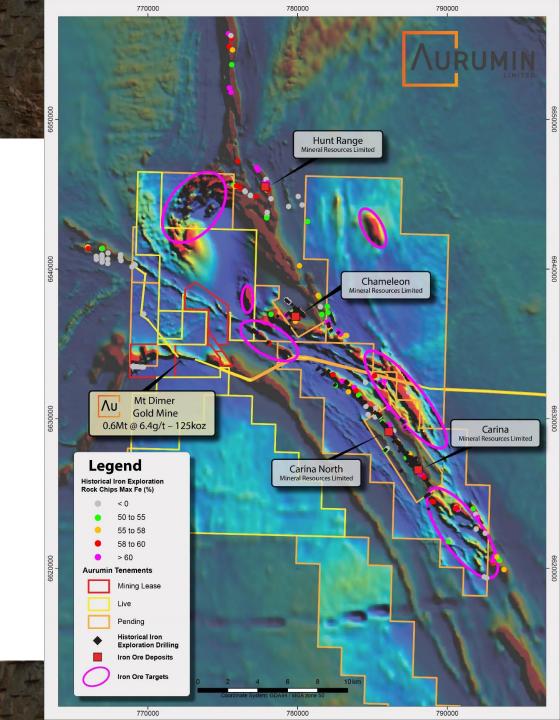
#### **Mt Dimer Project prospective for Iron Ore**

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

Iron Ore being targeted in 2022 exploration activity





### 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

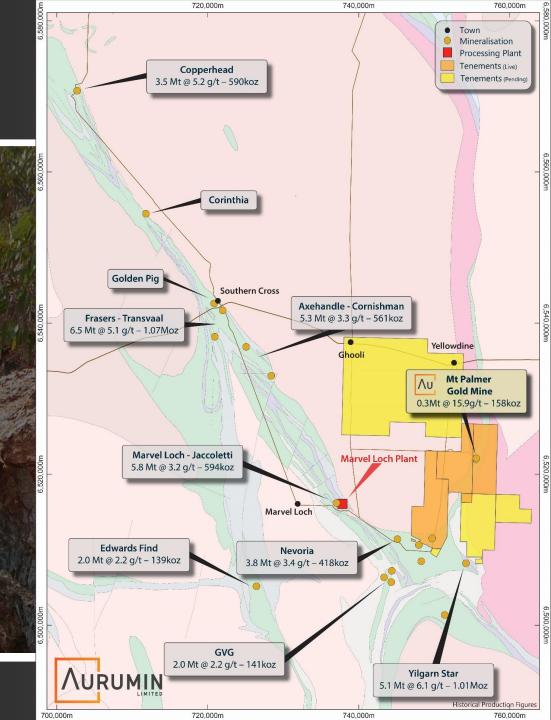


### **High potential**

High-grade, high potential project

Multiple commodities and prospective lithologies





### Lithium Potential

#### **Soil Sampling defined Lithium potential**

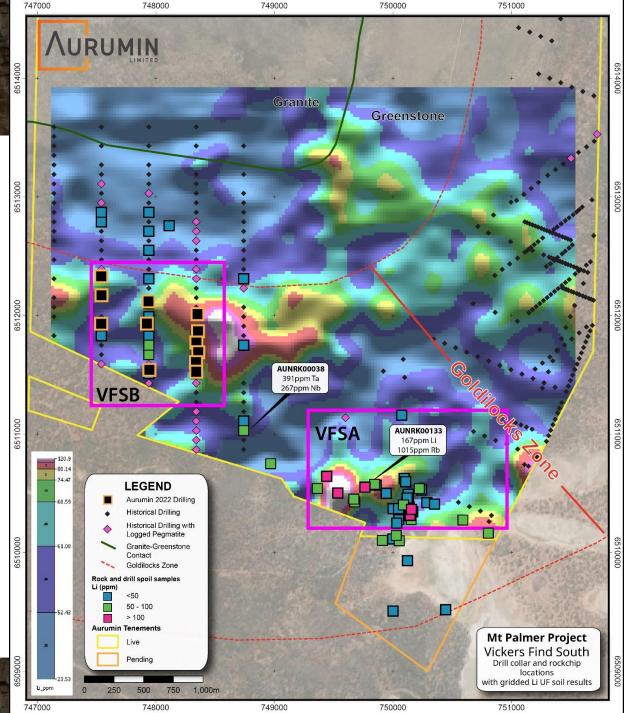
### Orientation drilling at VFSB target completed

Low level lithium results and follow up work required

#### VFSA target to be drilled

Currently being permitted







### Reasons to invest



#### **Quality board and management**

Extensive Development and Operational Expertise History of adding and creating value



#### **Delivering on growth ambitions**

Sandstone acquisition completed and drilling now Actively looking to leverage skill sets into projects



#### Two advanced, regional gold projects in WA

Southern Cross (Mt Dimer) and Sandstone
Historical production profiles and significant upside at both



#### **News flow**

Sandstone exploration active, including deep drilling, with assays due Southern Cross exploration active on multiple fronts

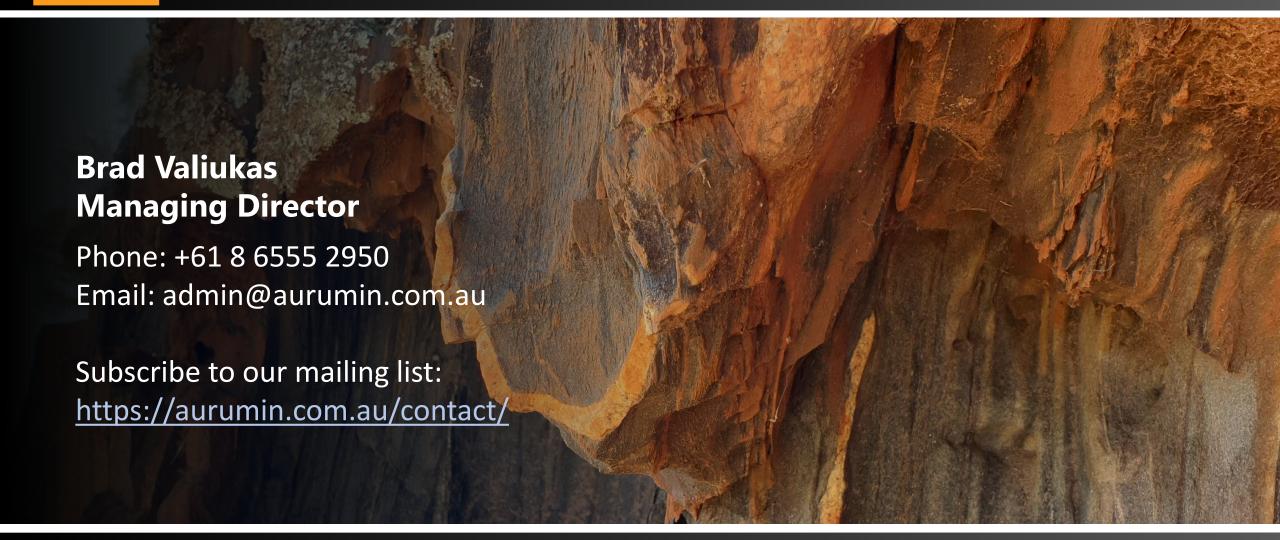




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### Competent Person Statements

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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 and 11 February 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 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 Mt Palmer Project were first released in the Company's announcements dated 20 October 2021, 24 March 2022, 21 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 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 Central Sandstone Project were first released in the Company's announcements 16 December 2021, 25 March 2022, 28 April 2022, 2 May 2022 and 9 June 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 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 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.

