



**GOLD FOCUSED  
WEST AUSTRALIAN  
EXPLORATION AND DEVELOPMENT**



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# Building a Mining Company



## Quality board, management and team

Extensive Development and Operational Expertise  
History of adding and creating value



## Delivering on growth ambitions

Sandstone bedded in; showing upside potential  
Actively looking to leverage skill sets into projects



## Two advanced, regional gold projects in WA

Southern Cross and Sandstone  
Historical production profiles, mineral resources and upside



## Ongoing exploration, focused on development

Sandstone dual focus; optimise existing resources and new targets  
Southern Cross exploration:  
Gold and iron ore targets at Mt Dimer  
Gold and lithium targets at Mt Palmer



# Company Overview

## Capital Structure

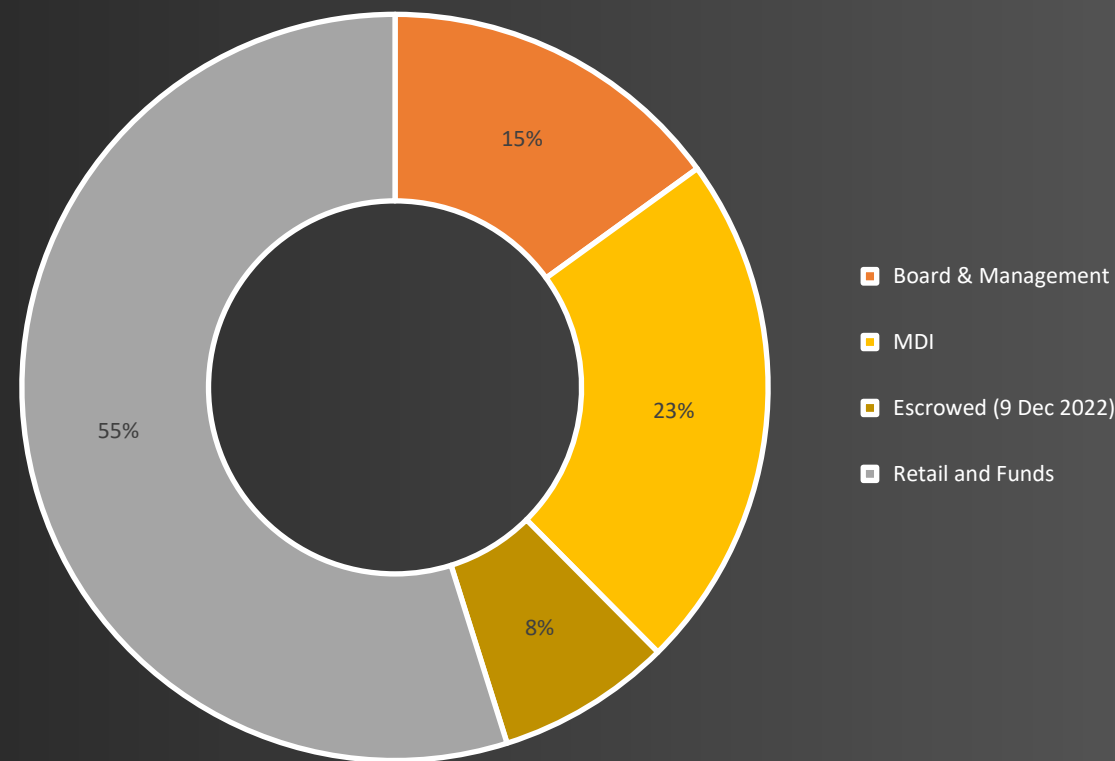
<b>Shares on Issue</b>	<b>155.3M</b>
Share Price (5 September 2022)	\$0.092
<b>Market Capitalisation</b>	<b>\$14.3M</b>
Listed Options (25c)	17.8M
Unlisted Options (25c)	5.0M
Unlisted Options (30c)	25.3M
Unlisted Options (40c)	4.2M

## Financial Position

Cash (30 June 2022)	\$2.2M
Debt (30 June 2022) (convertible note)	(\$6.4M)
<b>Enterprise Value</b>	<b>\$18.6M</b>

## Convertible Note Details

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



# 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 Rowbottom** 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 Local

Wherever practicable, Aurumin utilises local contractors and purchases goods 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 future development



# Sandstone Operations



## Combined Resource of 849koz Au

784koz at Central Sandstone  
65koz at Johnson Range



## Great starting position with upside

Growth through exploration  
Footprint expansion has commenced



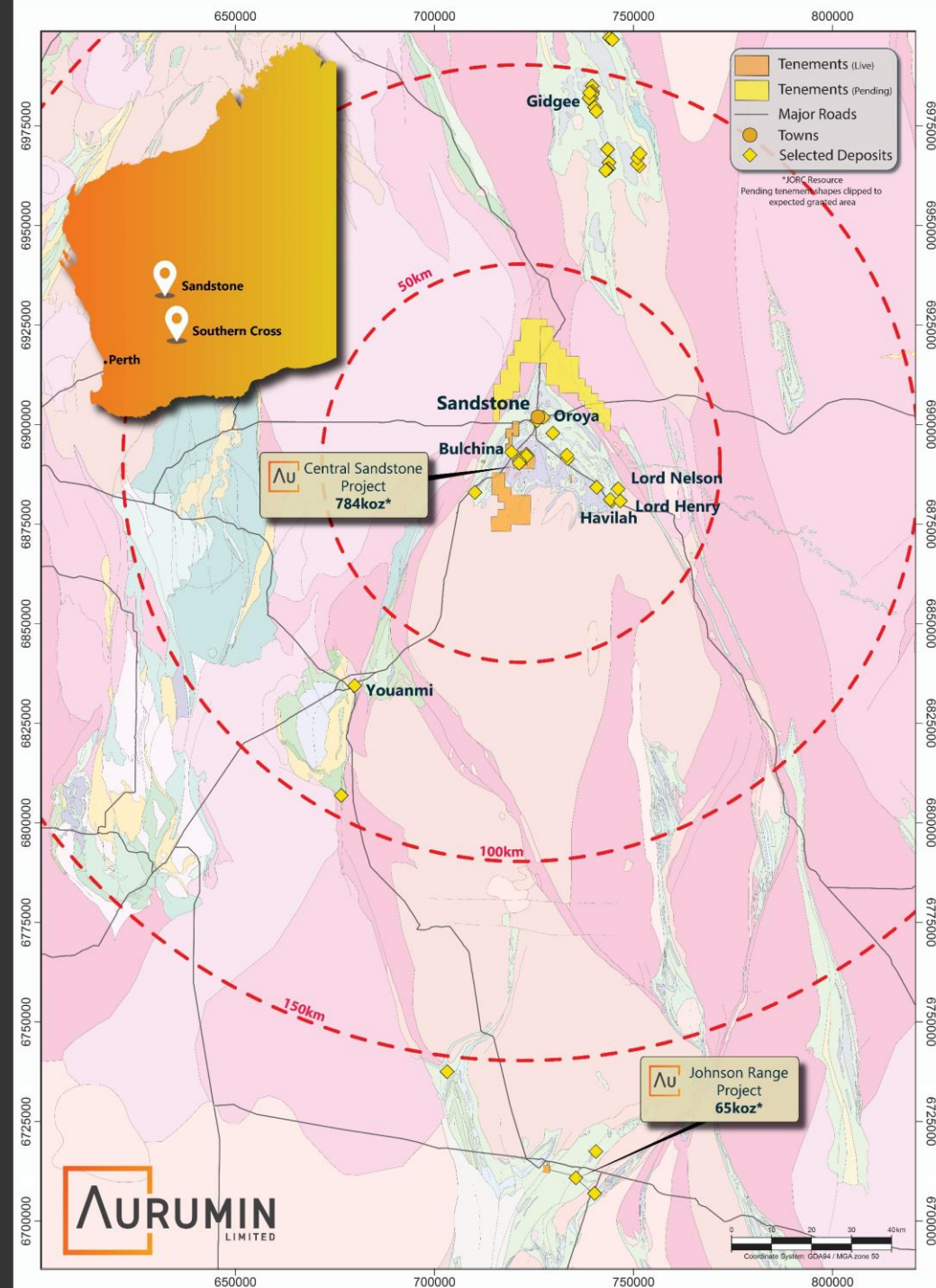
## Existing, permitted infrastructure

500ktpa processing plant (requires refurbishment)  
Camps, offices, workshops, 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



## Ongoing resource development

Current focus on Two Mile Hill  
9 other resources being reviewed



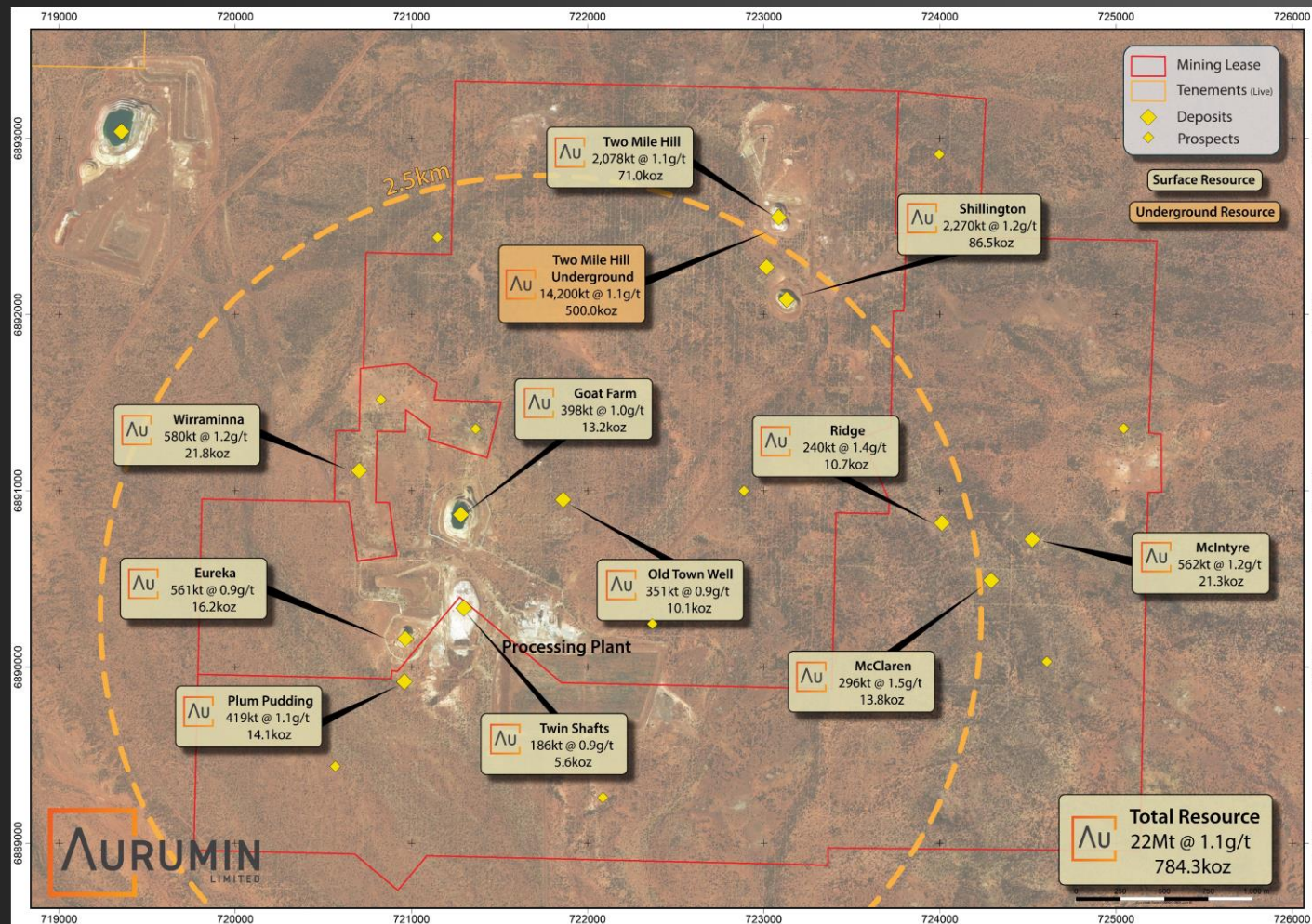
## Historical production centre

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



## Significant upside remains

11 geochemical targets  
Granted mining leases, 20km<sup>2</sup>





# 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

Expected recoveries >90% from Central Sandstone



# Two Mile Hill / Shillington

## Existing 157koz Au Open Pit Mineral Resources

Shillington 87koz (2.3Mt @ 1.2g/t Au)

Two Mile Hill 71koz (2.1Mt @ 1.1g/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

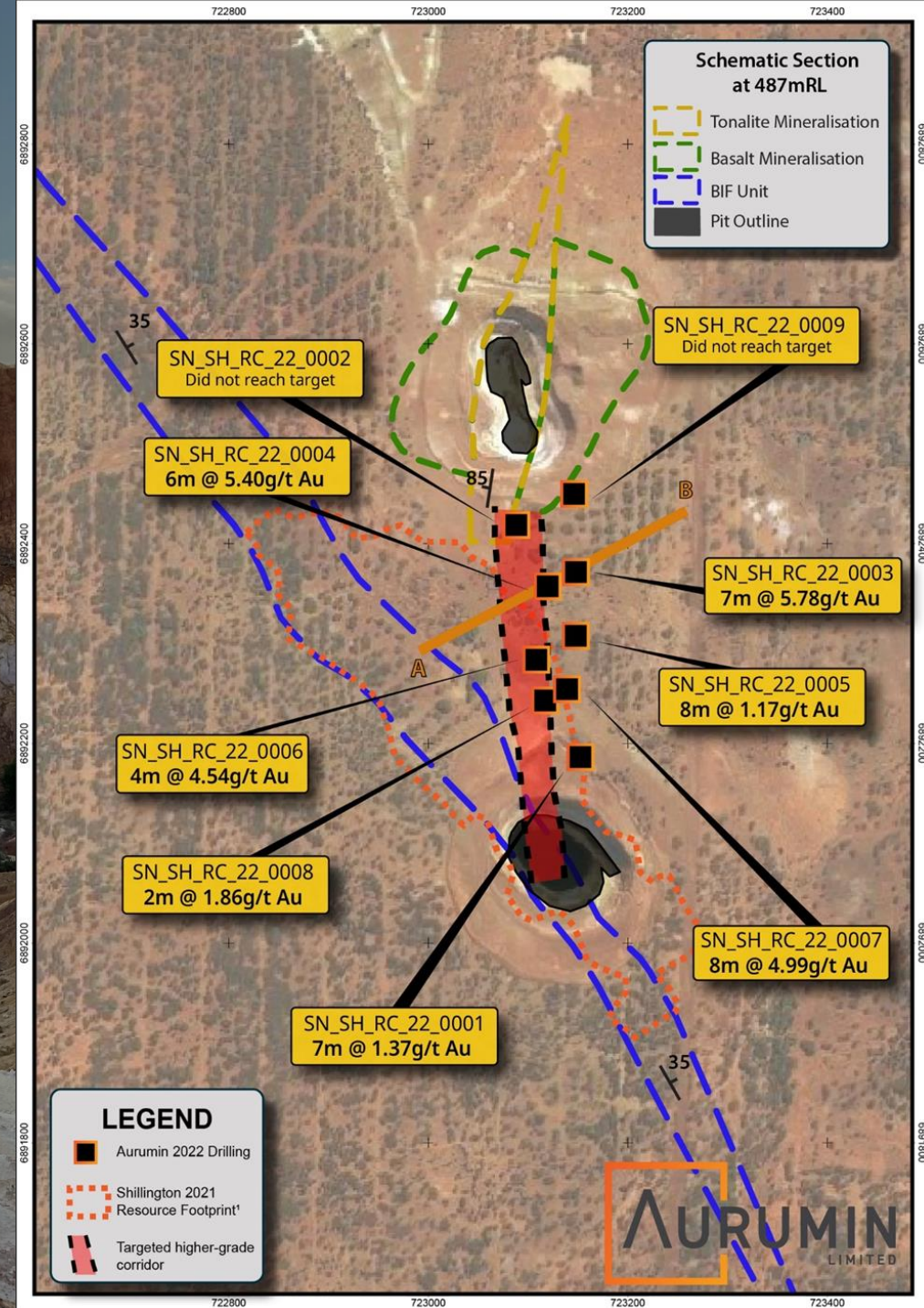
Good results returned, including:

6m @ 5.40g/t, 7m @ 5.78g/t

## Updated geology and resource modelling commenced

Combined model in progress

Further exploration upside remains open





# Two Mile Hill Underground

## 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

## Key driver for Sandstone acquisition

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

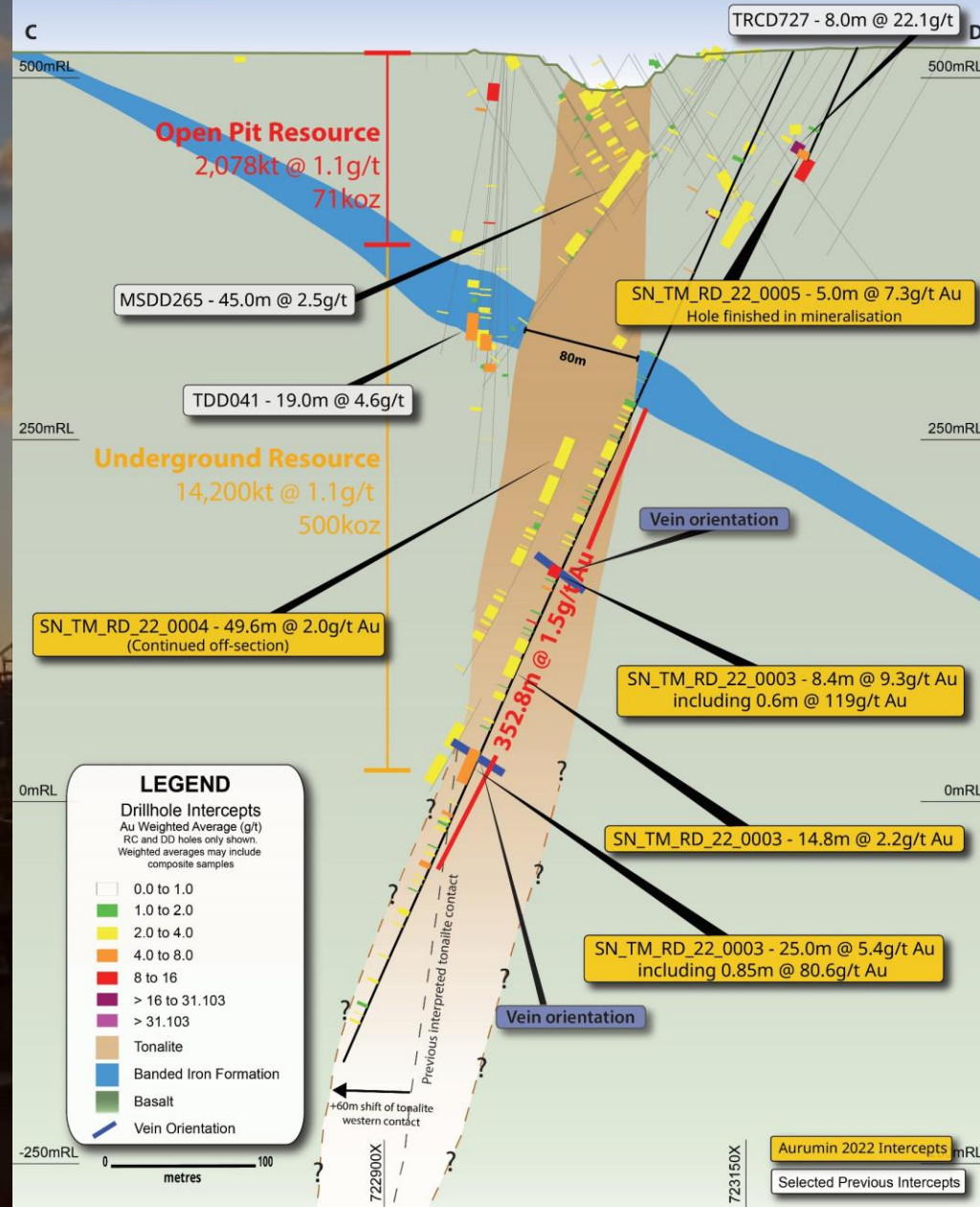
## Drilling recently completed

Seeking to improve data density and  
identify/confirm mineralisation controls and distribution

## Assays mostly returned

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

Sandstone Project  
Two Mile Hill  
Cross Section  
40m Window  
Looking North





# Two Mile Hill Underground

## Drilling orientation

Drilling a sheeted vein array and stockwork  
Holes are largely perpendicular to sheeted veins

## Multiple host lithologies

UG mostly in tonalite  
Also in BIF, mafic, and on contacts

## Updated geology and resource modelling

Combined model planned OP & UG  
Further exploration upside

## Potential long-life underground

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





# Central Sandstone Exploration

## First Auger programme complete

Gold assays returned

Multi element still in progress

## 11 geochemical targets

Historically untested or undertested

Looking for multi element signatures

## Exploration ongoing

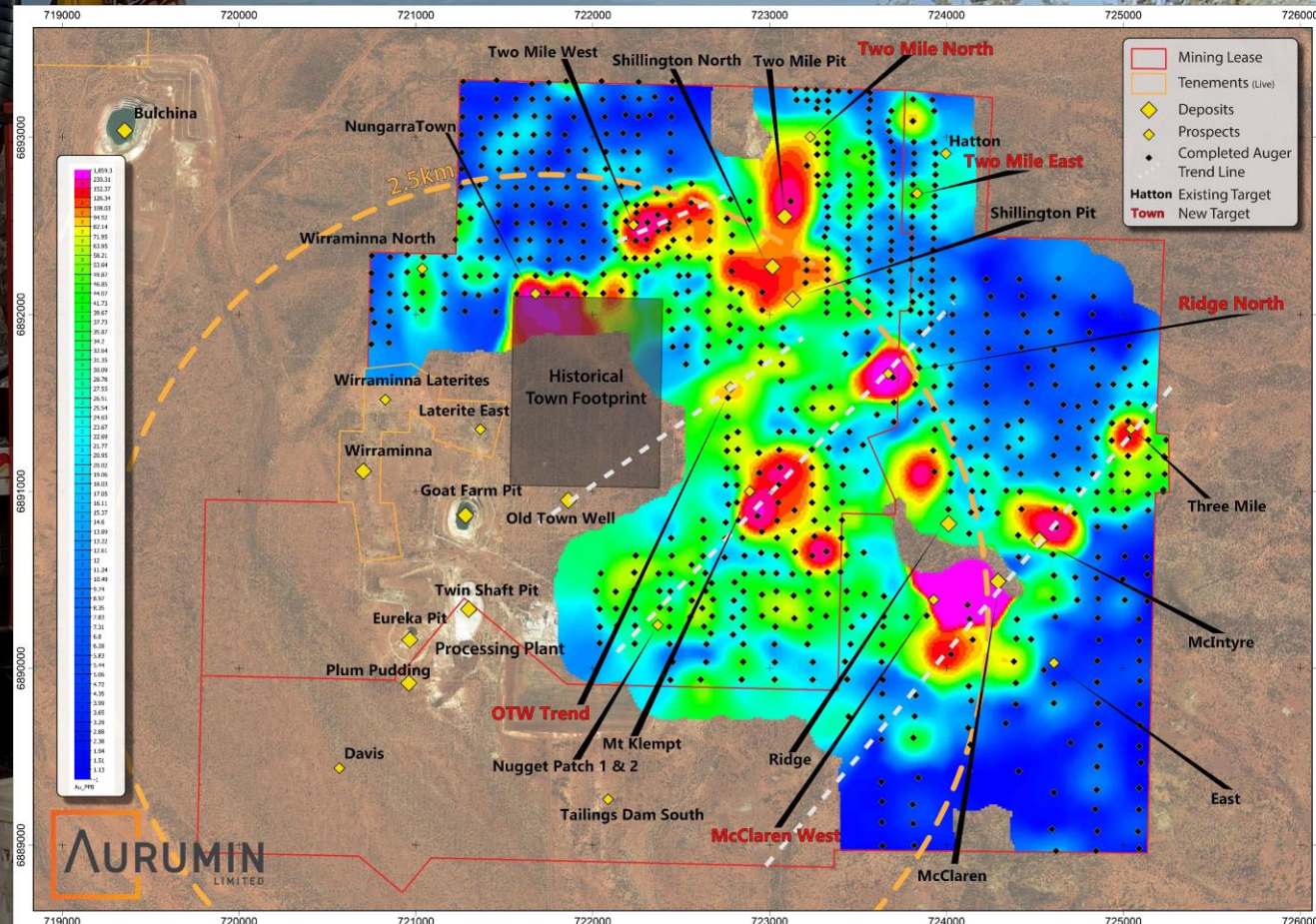
Portion of the mining tenements still to be done

Potential future drill targets

## Building critical mass for production

Prospective ground around infrastructure

On mining tenements





# Greater Sandstone Project



## Significant tenement footprint

106km<sup>2</sup> granted tenure  
Plus large applications



## Prospective tenements

Known mineralised structures and deposits  
Multiple styles of mineralisation



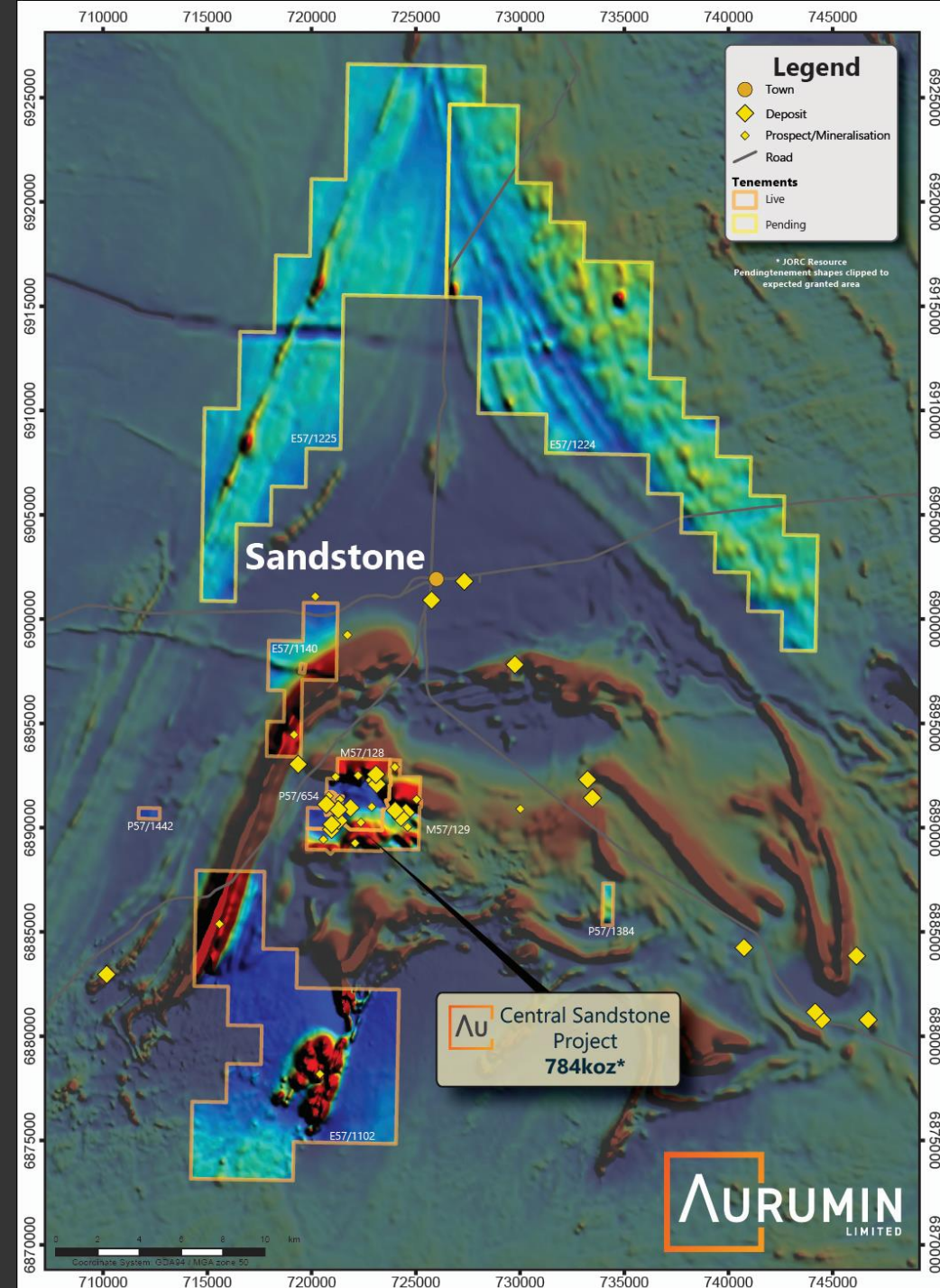
## Underexplored

Limited exploration or limited modern exploration  
Known targets from historical data sets



## Adds scale to Sandstone Operations

Continuing to build Sandstone position





# 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



## **Evaluation in progress**

Confirmation drilling to convert to indicated is required



# 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



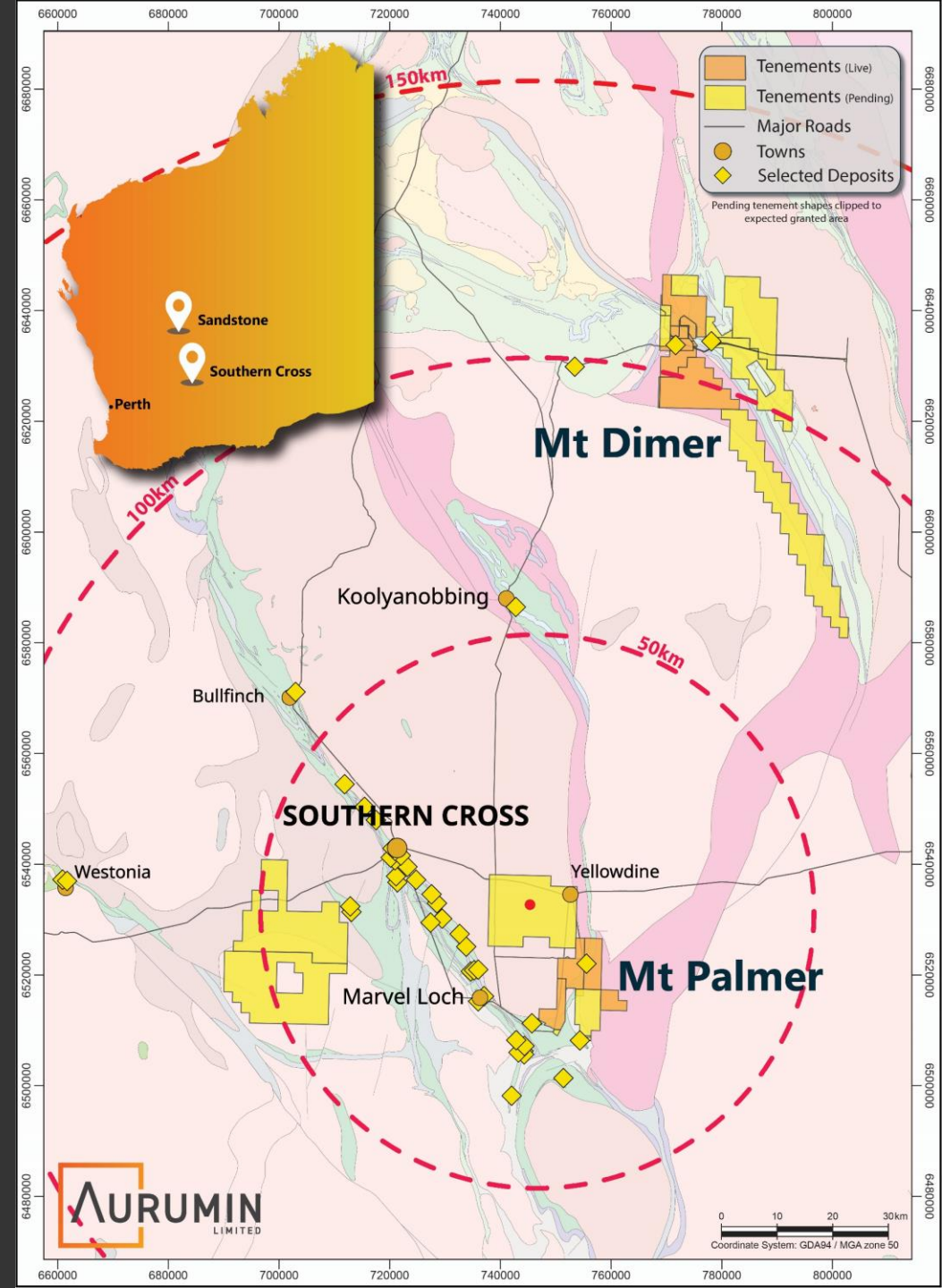
## Ongoing Exploration

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  
Other deposits



## Exploration

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



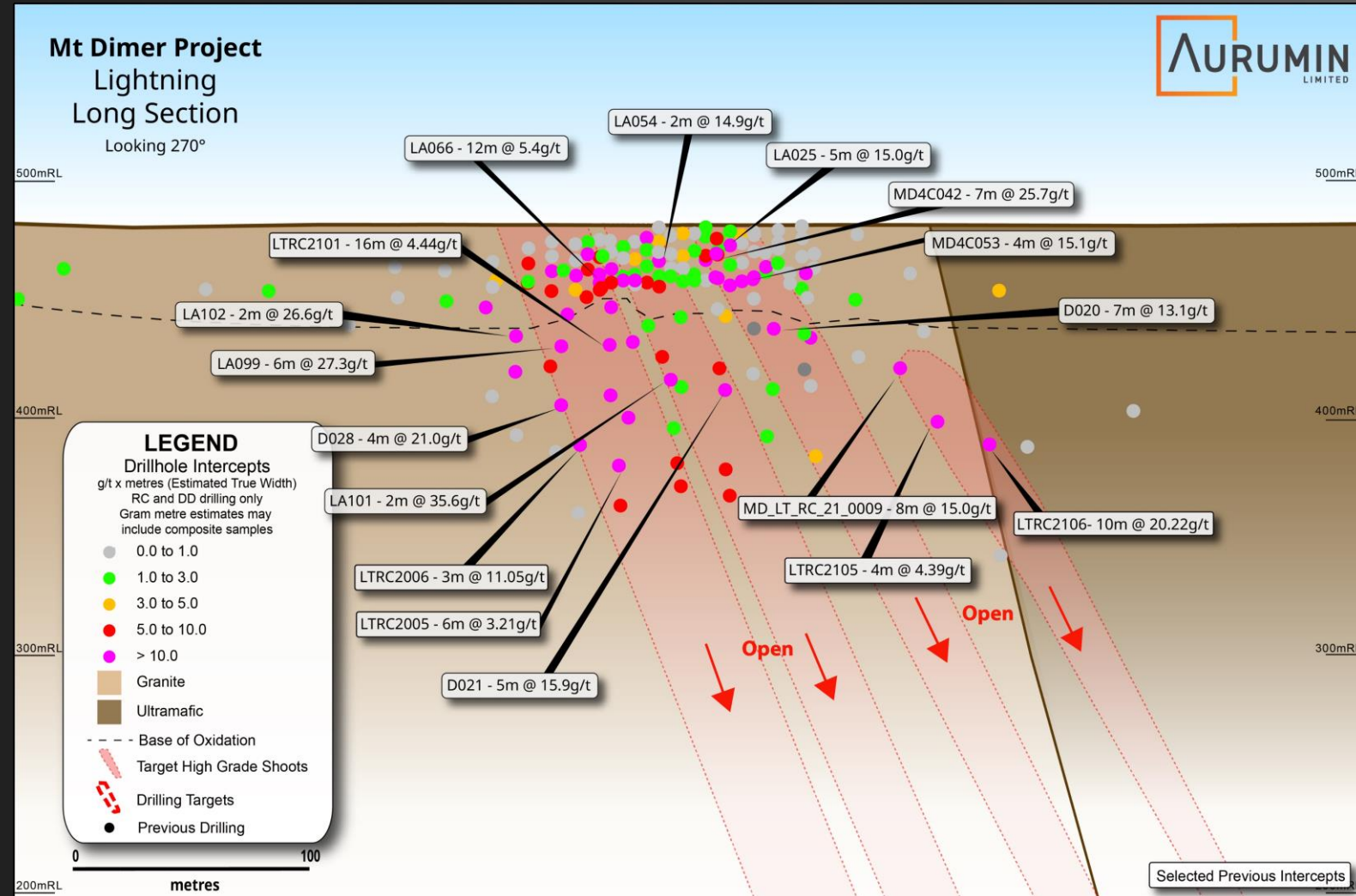
# Lightning Deposit

## 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





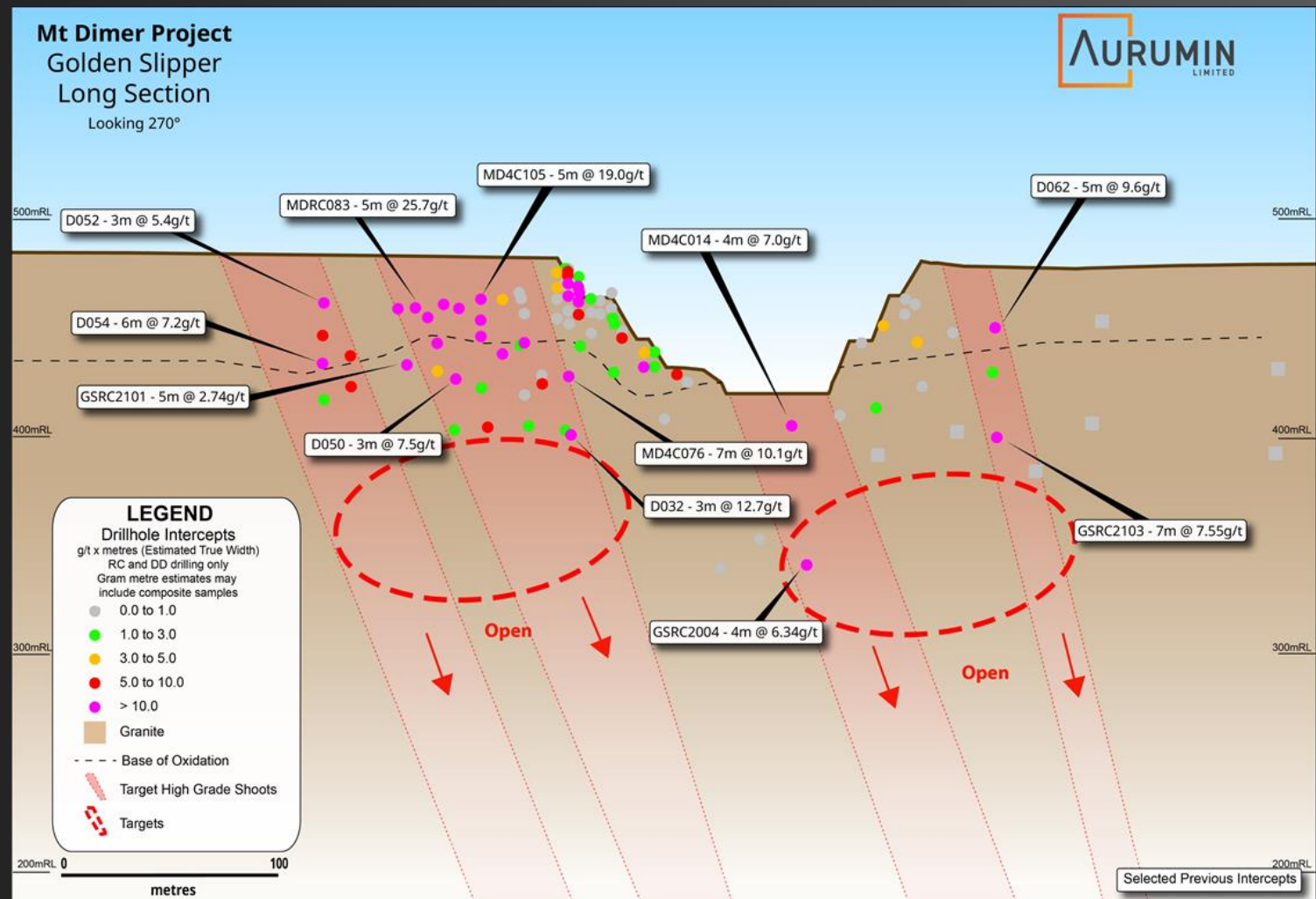
# Golden Slipper Deposit

## 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





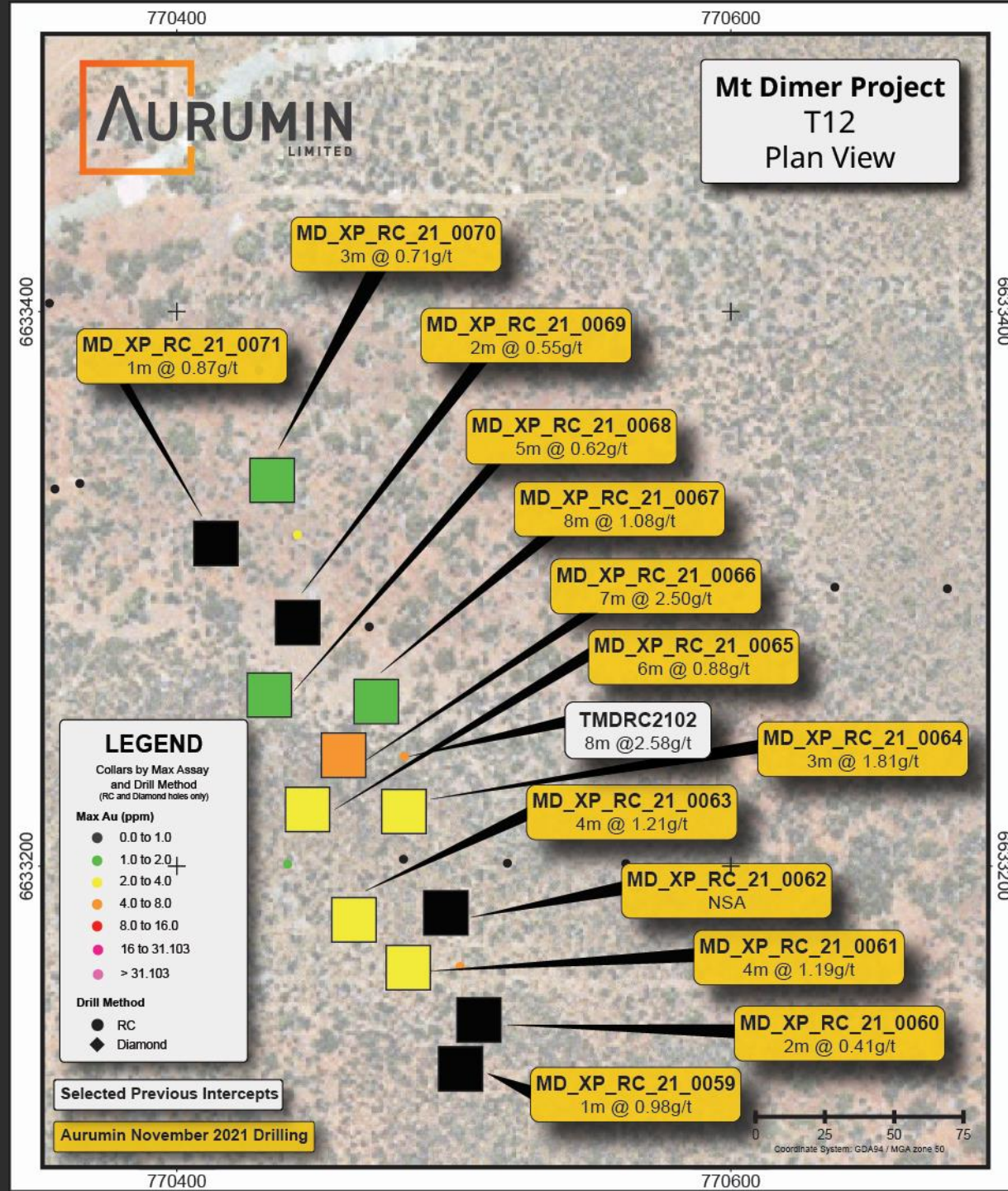
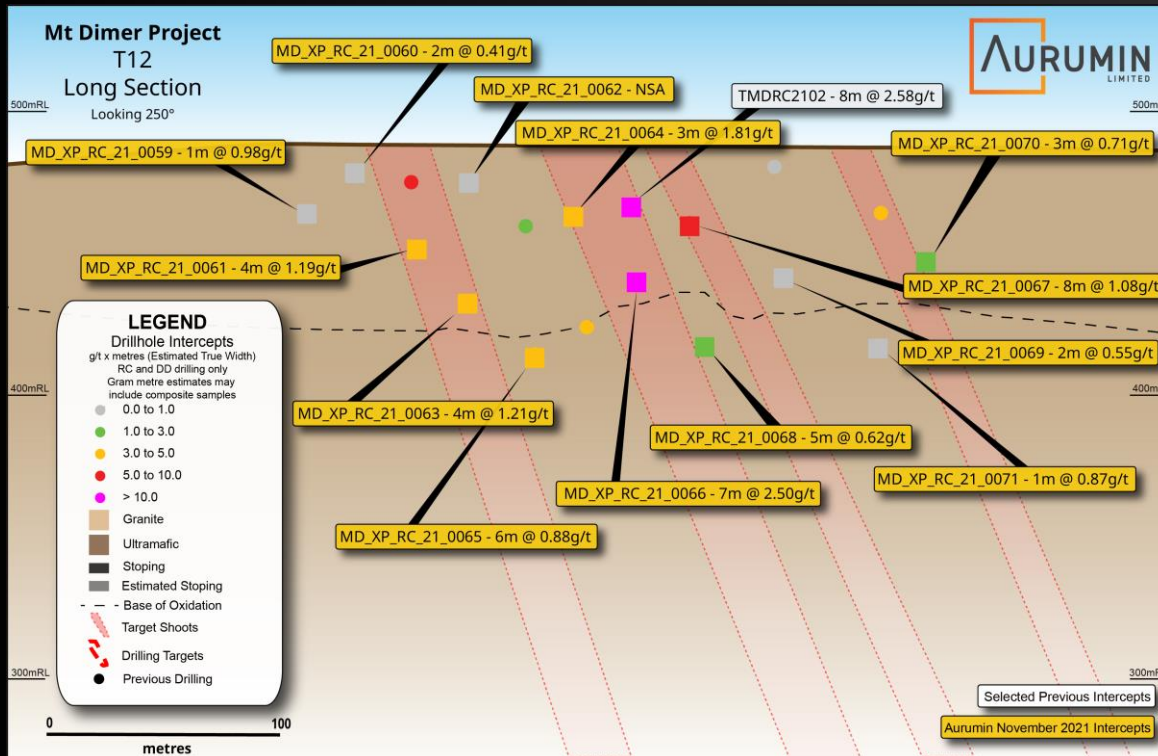
# T12 Discovery

## 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

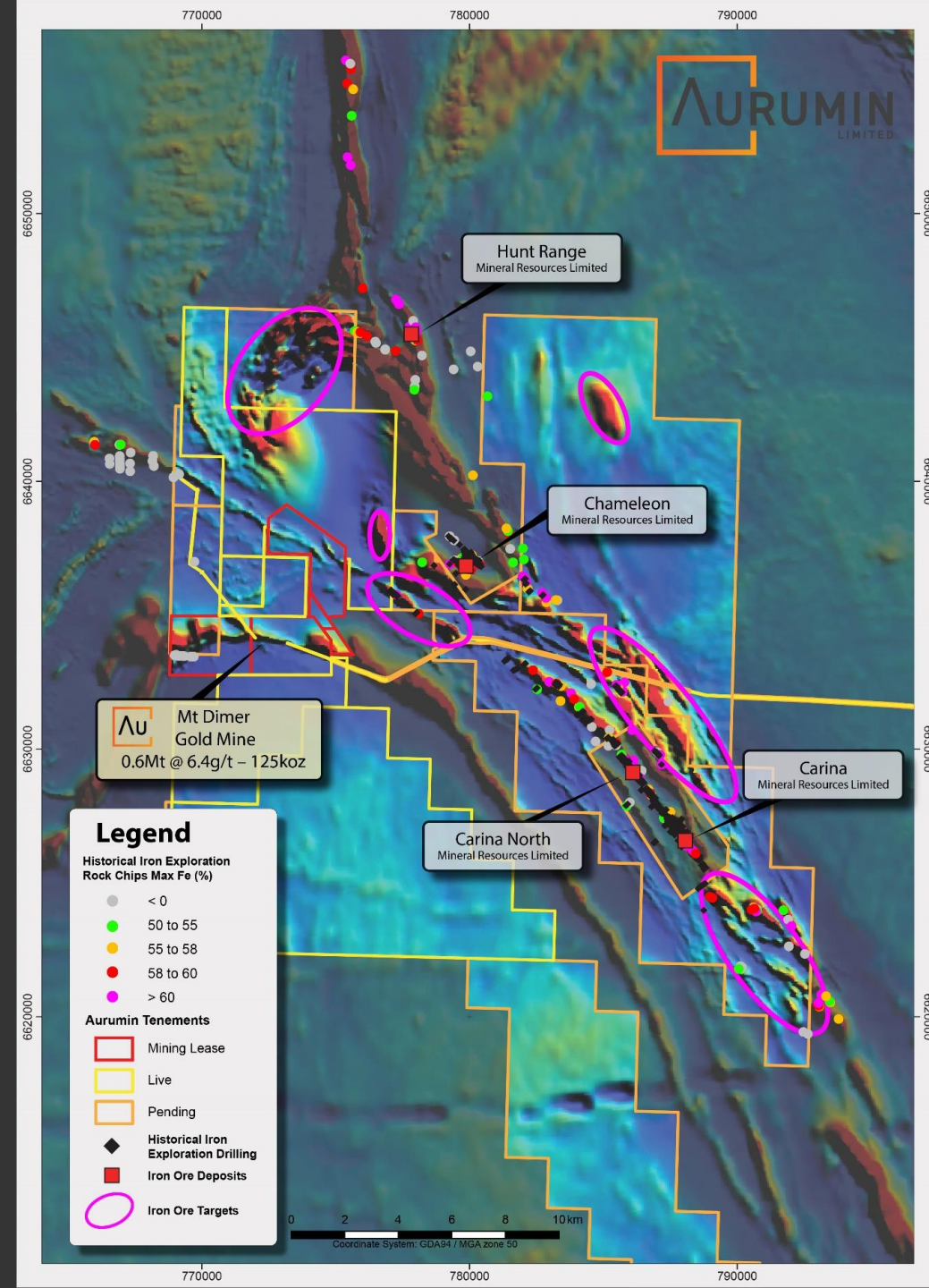
Carina DSO mine along strike

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



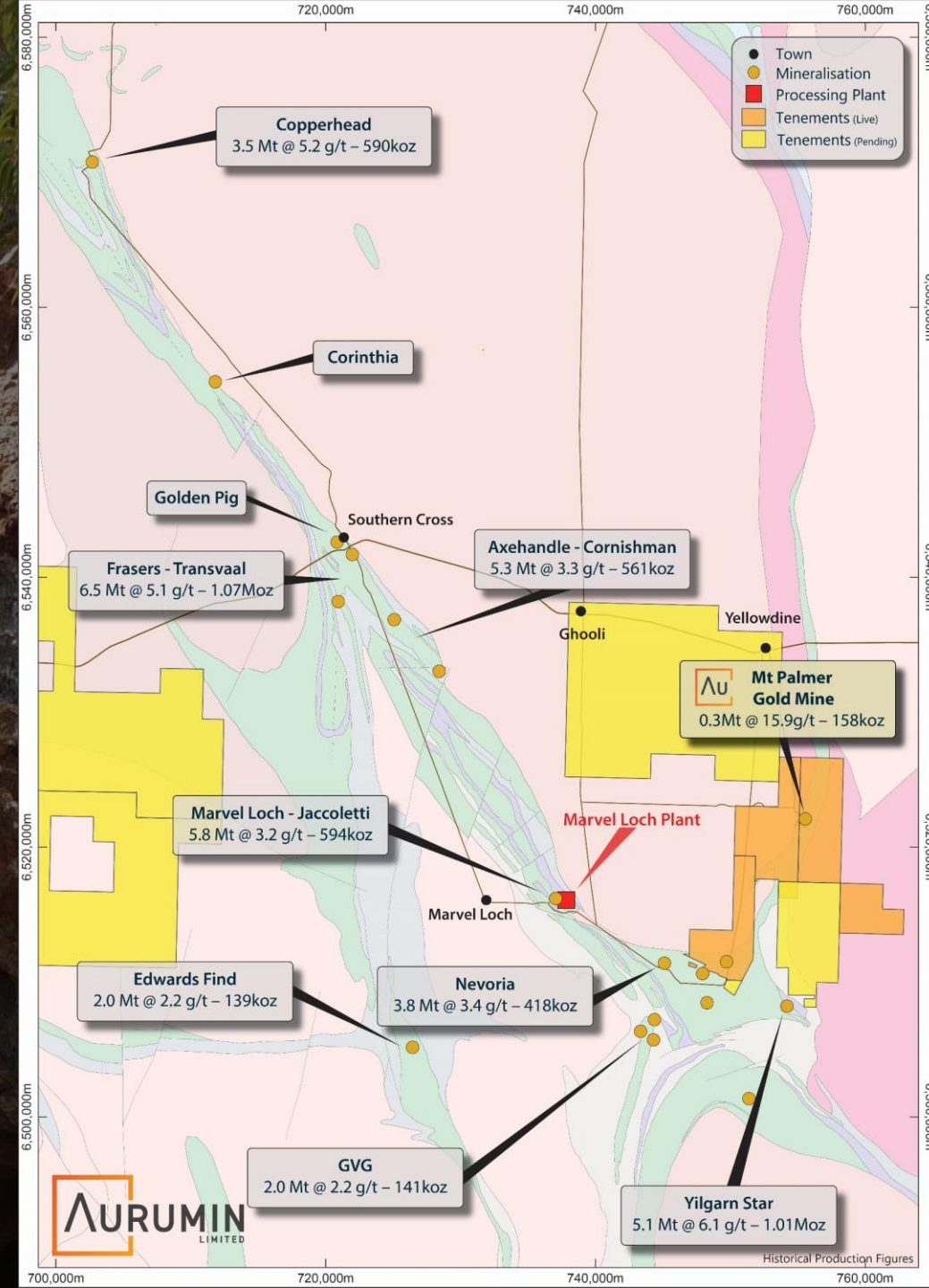
## Well located

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, progressing assets to development

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



## **Delivering on growth ambitions**

Sandstone bedded in; showing upside potential

Actively looking to leverage skill sets into projects



## **News flow**

Updated Shillington / Two Mile Hill model in progress. Drill programme to follow.

Sandstone geochem fieldwork in progress. Mt Dimer regional exploration commencing



# Contact Us

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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 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 Central Sandstone Project and Greater Sandstone 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 and 12 September 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.



# Resource Tables

Sandstone Mineral Resources, 16 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)
Sandstone Open Pit Deposits – Summary Mineral Resource Estimates (2012 JORC Code) at 0.5g/t cut-off									
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>
Sandstone Underground Deposits – Summary Mineral Resource Estimates (2012 JORC Code)									
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>

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

Johnson Range Mineral Resources, 25 August 2021			
Deposit	Inferred		
	Tonnes (kt)	Grade (g/t Au)	Au (oz)
Johnson Range Open Pit Deposits – Summary Mineral Resource Estimates (2012 JORC Code) at 1g/t cut-off			
Gwendolyn	803	2.51	64,700

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