



**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



## Two advanced, regional gold projects in WA

Sandstone – infrastructure and 946koz Resource  
Southern Cross - historical operations & high-grade deposits



## Delivering on growth ambitions

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



## Ongoing exploration, focused on development

Sandstone dual focus; optimising existing resources; and  
Advancing new targets



# Company Overview

## Capital Structure

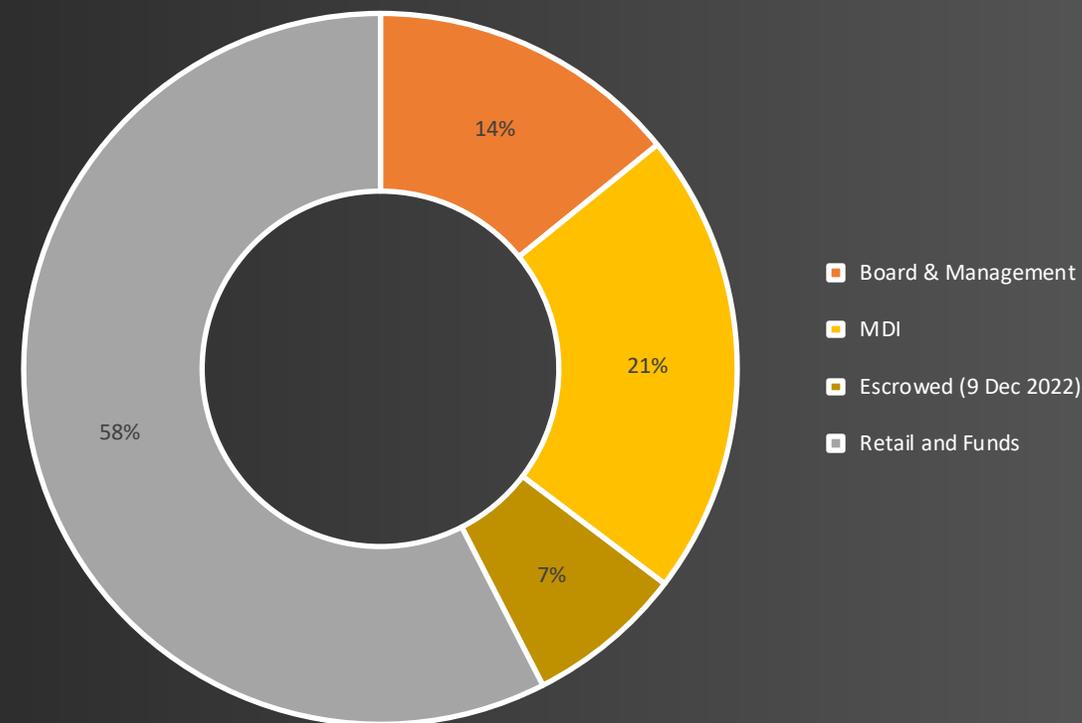
<b>Shares on Issue</b>	<b>165.1M</b>
Share Price (23 November 2022)	\$0.073
<b>Market Capitalisation</b>	<b>\$12.1M</b>
Listed Options (25c)	17.8M
Unlisted Options (25c)	5.0M
Unlisted Options (30c)	25.3M
Unlisted Options (40c)	4.2M

## Financial Position

Cash (30 September 2022)	\$2.2M
Debt (30 Sept. 2022) (convertible note)	(\$6.4M)
<b>Enterprise Value</b>	<b>\$16.3M</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 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 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 future development

# Sandstone Operations



## Combined Resource recently 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



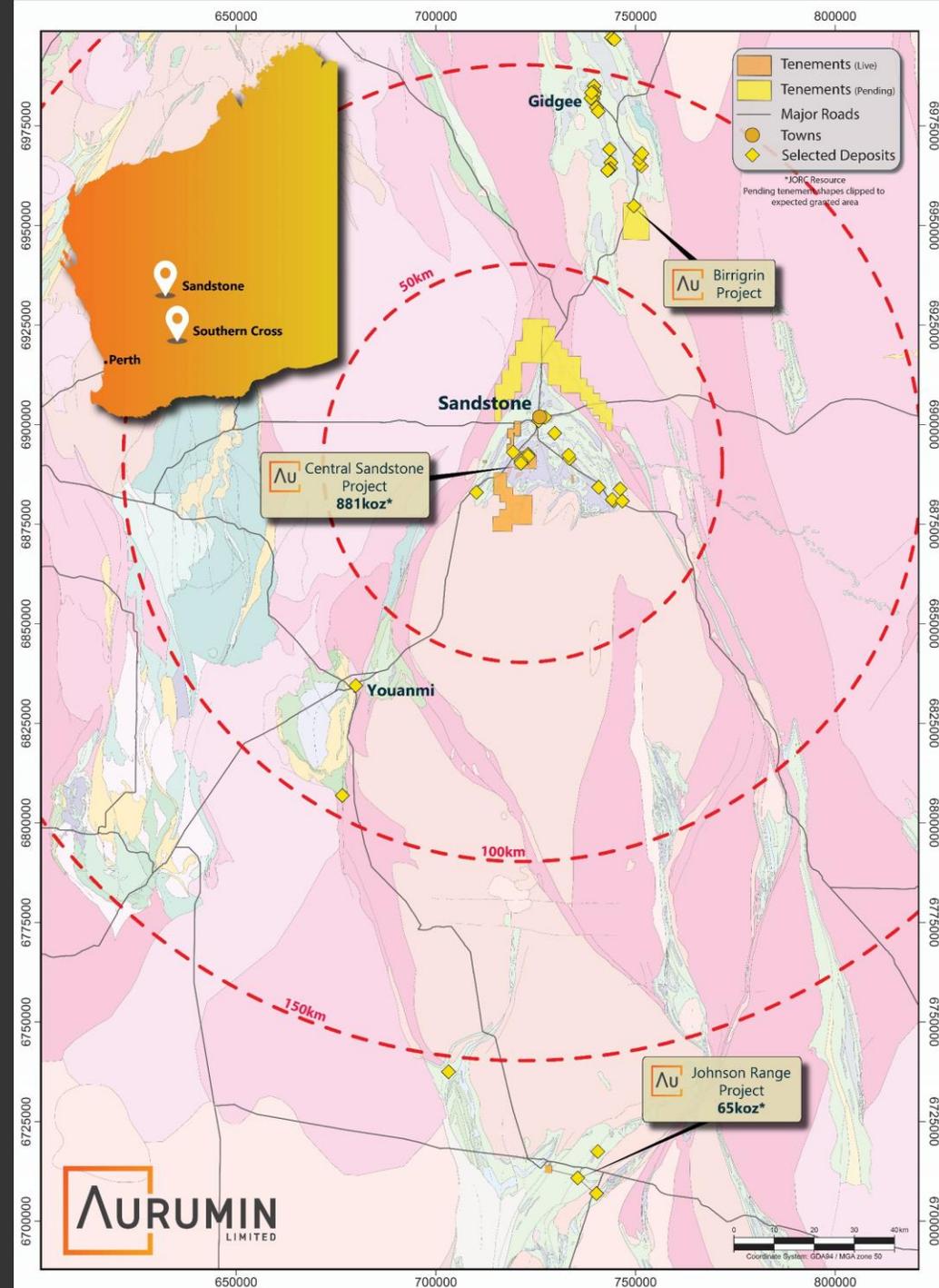
## Great starting position with upside

Optimisation of existing Resources  
Growth through exploration, tenement footprint expansion

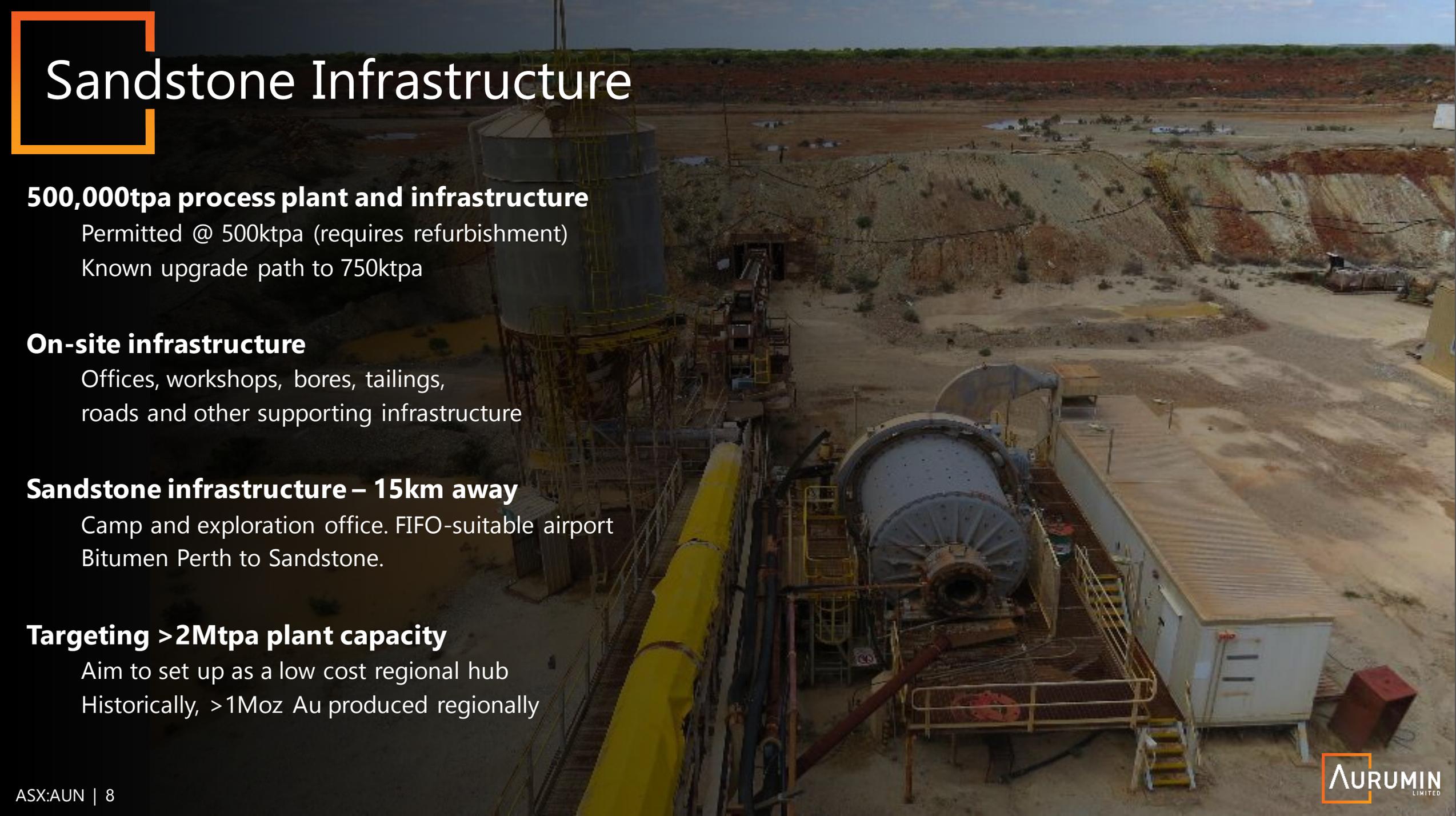


## Regional Ambitions

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



# 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

# Central Sandstone Resources



## 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



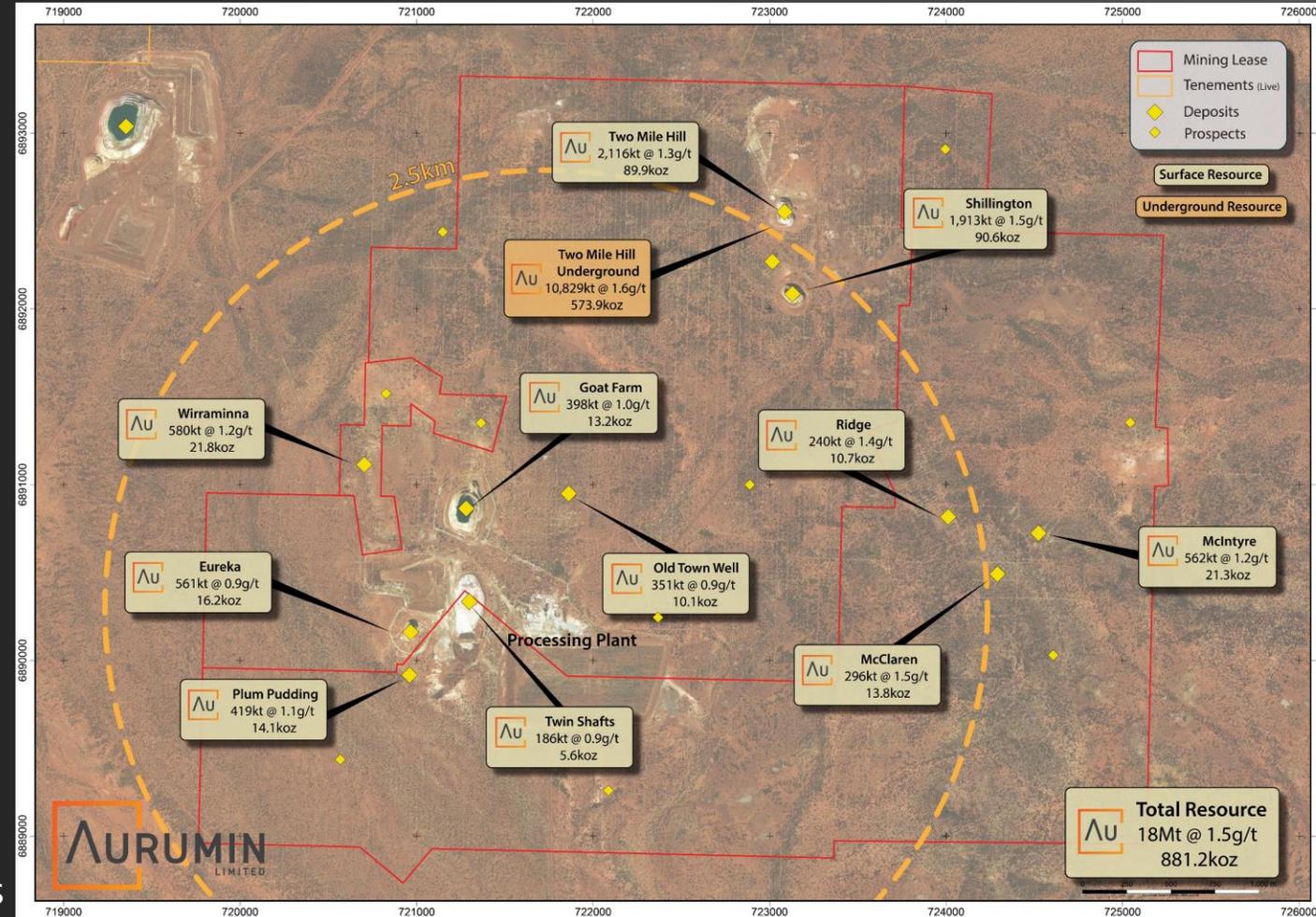
## Historical production centre

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

Shillington 91koz (1.9Mt @ 1.5g/t Au)

Two Mile Hill 90koz (2.1Mt @ 1.3g/t Au)

## Key future open pit production location

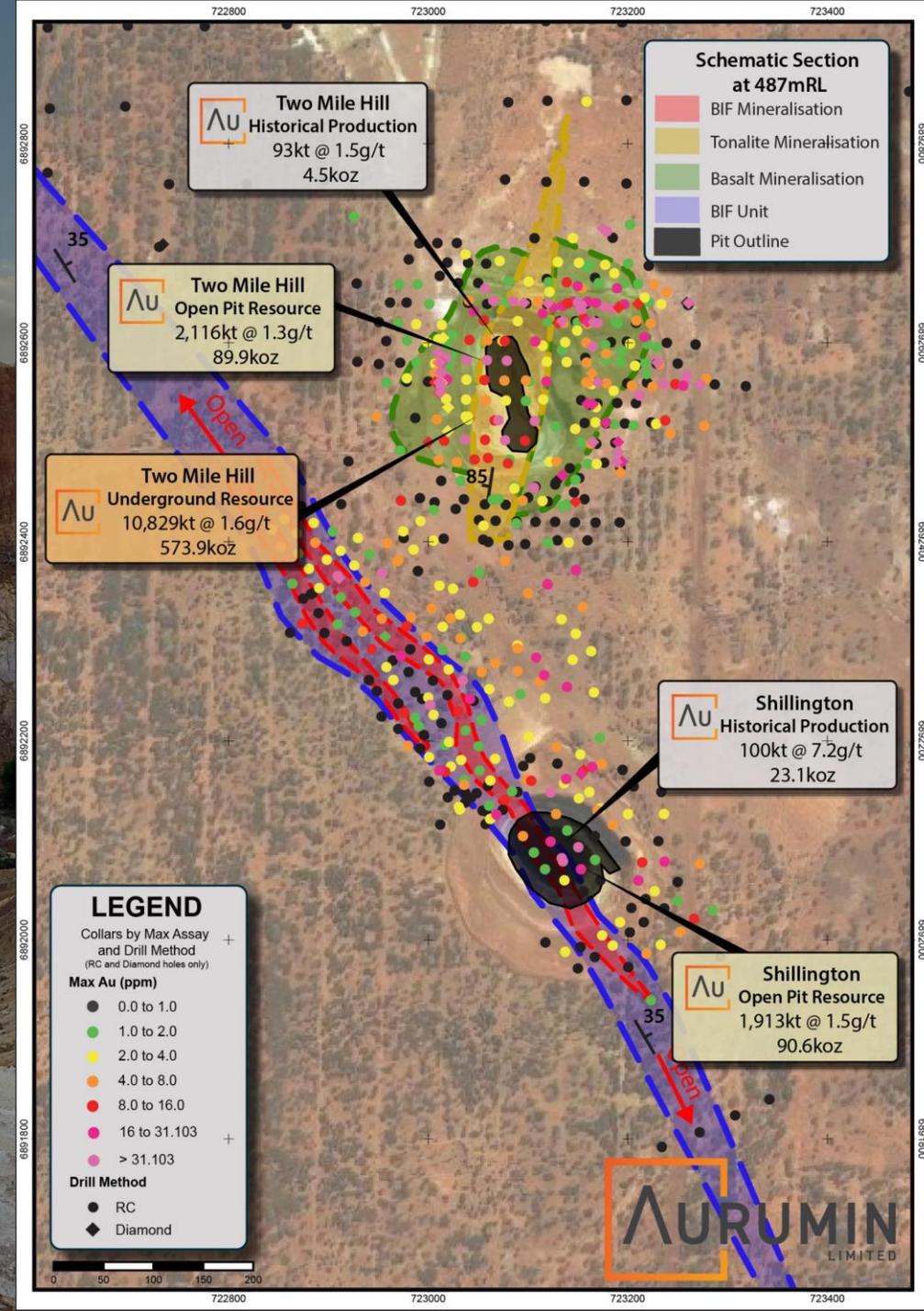
Currently largest open pit resource at Central Sandstone  
Potentially opens up access to Two Mile Hill UG

## 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

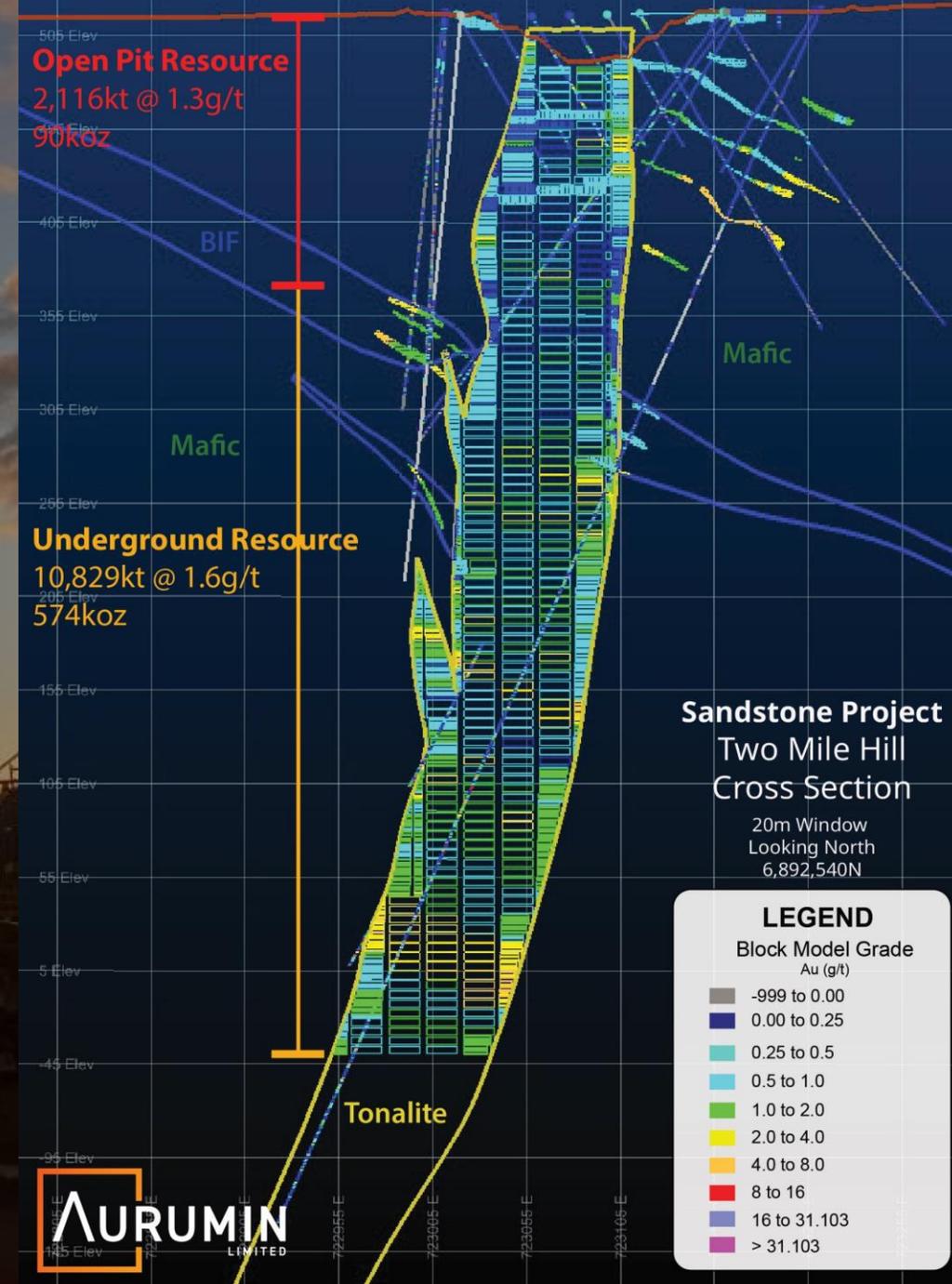
Potential to underpin a standalone operation at Sandstone  
Bulk low cost UG, open pits as additional mill feed

## 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

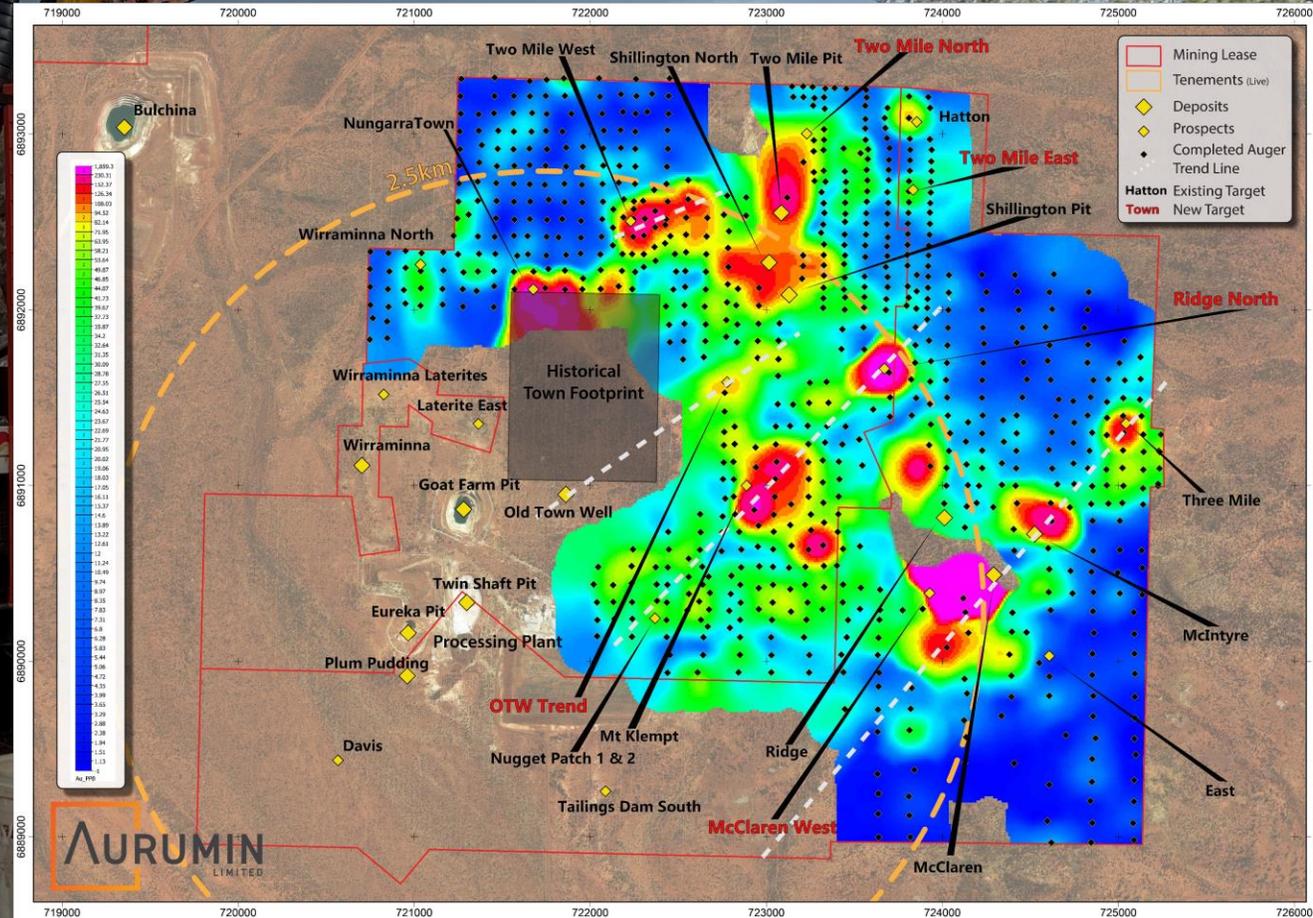
Historically untested or undertested  
Supported by structural interpretations

## 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



## Prospective tenements

Known mineralised structures and deposits  
Multiple styles of mineralisation



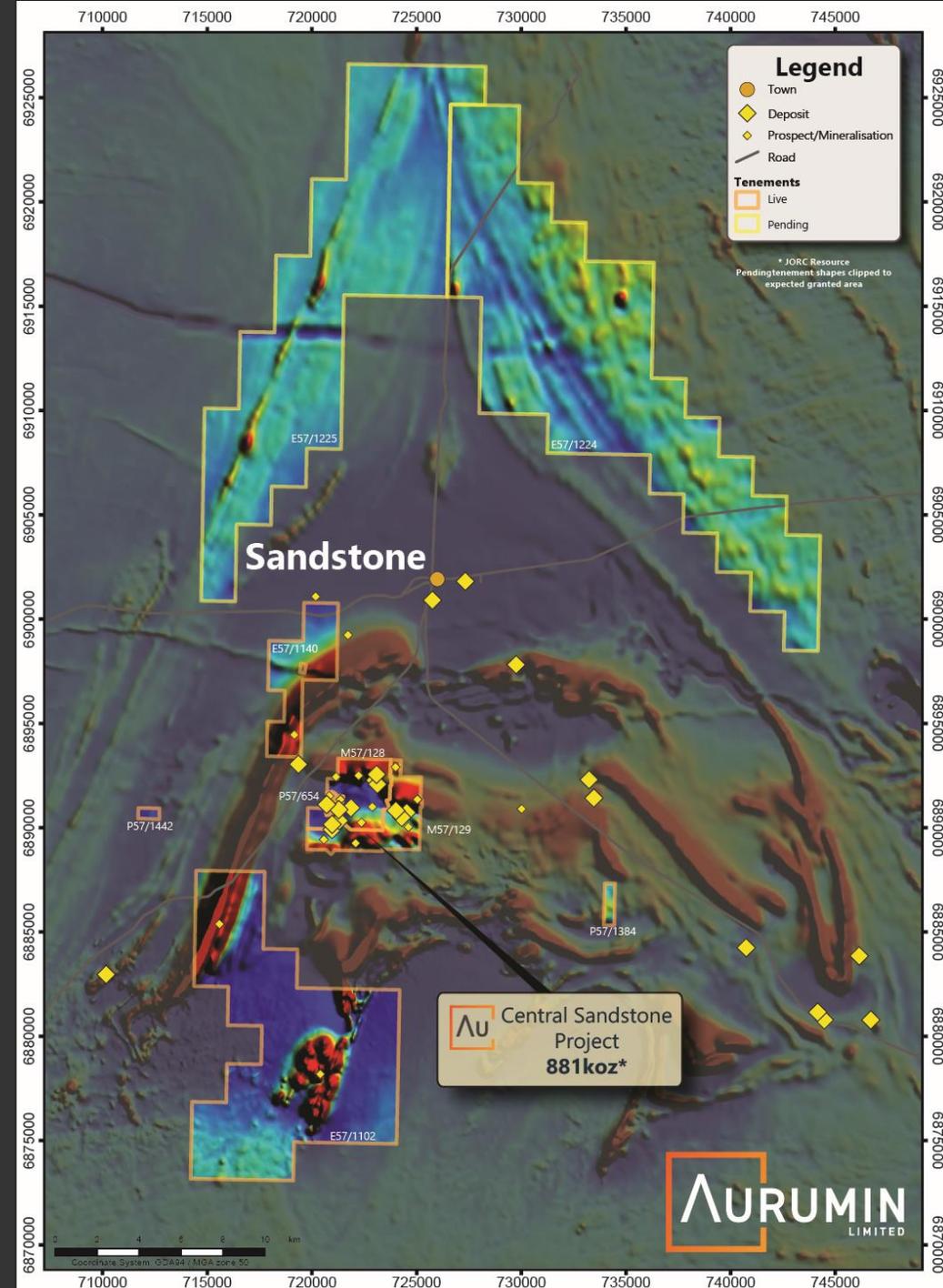
## Underexplored

Limited exploration or limited modern exploration  
First pass work, including soils, ongoing



## 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 for feasibility

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



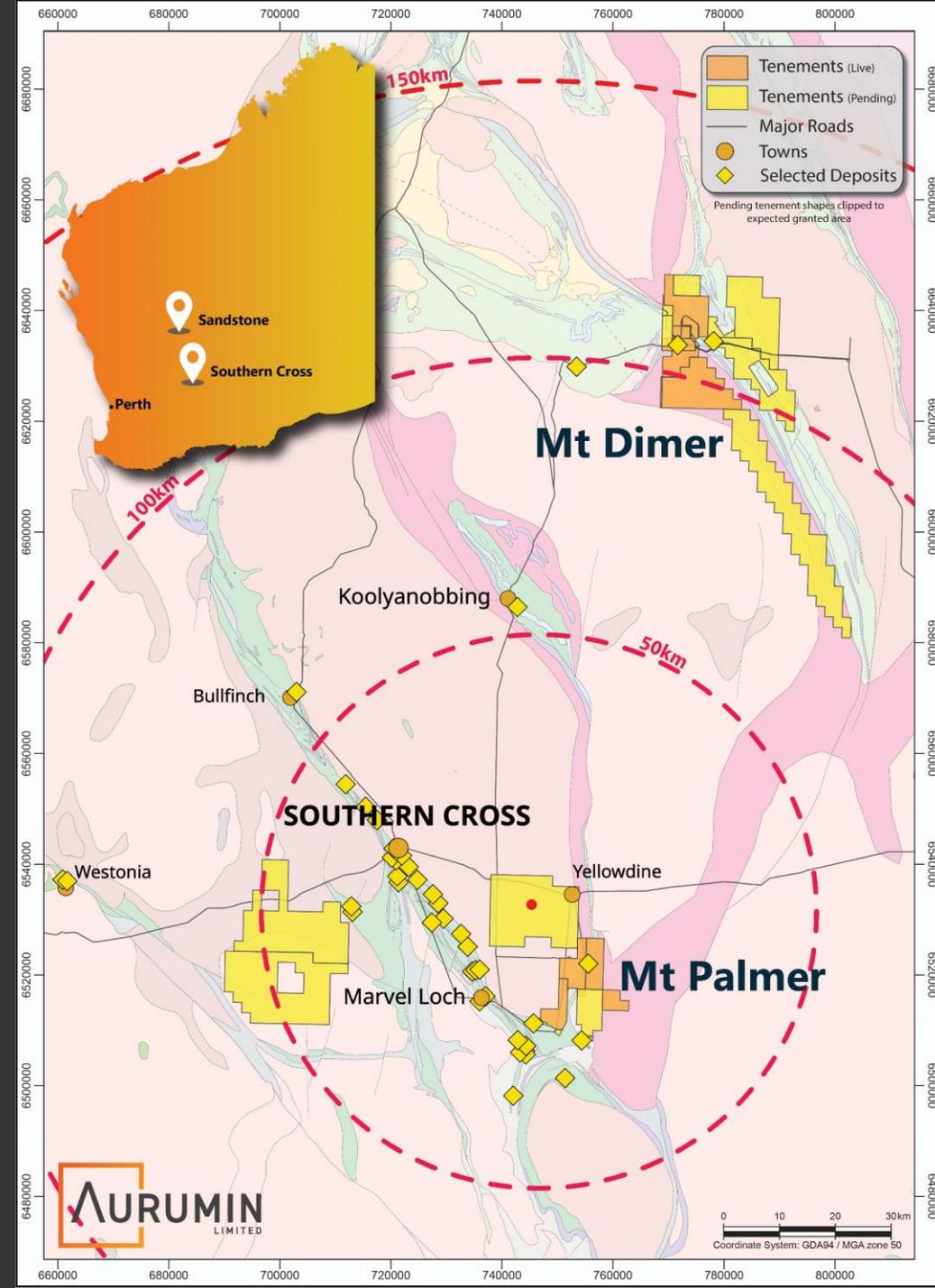
## Ongoing Exploration

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



## Gold plus other Commodities

Lithium at Mt Palmer  
Iron Ore at Mt Dimer



# 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



## Delivering on growth ambitions

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



## Ongoing exploration, focused on development

Sandstone dual focus; optimising existing resources; and  
Advancing new targets – **Geochem results out soon, drilling to restart on new targets**

# Contact Us

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# Competent Person Statement

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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 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, 12 September 2022, 6 October 2022, 31 October 2022 and 24 November 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.

# Resource Tables

Sandstone Operations Resources									
Deposit	Indicated			Inferred			Total		
	Tonnes	Grade	Au	Tonnes	Grade	Au	Tonnes	Grade	Au
	(kt)	(g/t Au)	(oz)	(kt)	(g/t Au)	(oz)	(kt)	(g/t Au)	(oz)
<b>Central Sandstone*</b>									
<b>Sandstone Open Pit Deposits – Summary Mineral Resource Estimates (2012 JORC Code) at 0.5g/t cut-off</b>									
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
<b>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				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
<b>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>Central Sandstone Total</b>	<b>5,446</b>	<b>1.3</b>	<b>228,000</b>	<b>13,005</b>	<b>1.6</b>	<b>653,300</b>	<b>18,451</b>	<b>1.5</b>	<b>881,300</b>
<b>Johnson Range^</b>									
<b>Johnson Range Open Pit Deposits – Summary Mineral Resource Estimates (2012 JORC Code) at 1.0g/t cut-off</b>									
Gwendolyn				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.

Updates highlighted