

# Victorian & Pilbara Gold & Lithium Projects

RIU Sydney Resources Round-up Presentation  
May 2023



ASX: KZR

# Forward Looking Statements

## Investment Presentation

This Investment Presentation (IP) is not a disclosure document under Chapter 6D of the Corporations Act nor an offer to subscribe for shares. This IP is specifically provided to the receiving party (Recipient) in response to a request for information from the Recipient about Kalamazoo Resources Limited (Kalamazoo or the Company) and its proposed mineral projects, for the purpose of considering an investment in the Company. This IP is provided by the Company to the Recipient on a confidential and personal basis and is not intended for, and should not be distributed to, any other person. By receipt of this IP, the Recipient agrees that the Recipient will not transmit, reproduce or make available this IP (or any information contained in it) to anyone other than the Recipient's professional advisers without the prior written consent of the Company.

## Forward Looking Statements

This IP may contain forward-looking information within the meaning of Canadian securities legislation and forward-looking statements within the meaning of the United States Private Securities Litigation Reform Act of 1995 (collectively, forward-looking statements). Statements regarding Kalamazoo's plans with respect to its mineral properties and programs are forward-looking statements. There can be no assurance that Kalamazoo's plans for development of its mineral properties will proceed as currently expected. There can also be no assurance that Kalamazoo will be able to confirm the presence of additional mineral resources/reserves, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of Kalamazoo's mineral properties. The performance of Kalamazoo may be influenced by a number of factors which are outside the control of the Company and its Directors, staff and contractors.

## Previously Released ASX Material References

For further details relating to the Company's Projects and information in this announcement please refer to the following ASX announcements:

ASX: SRI: 14 February 2011	ASX: KZR 19 October 2019*	ASX: KZR 27 October 2020*	ASX: KZR 6 April 2022
ASX: NST: 14 February 2011	ASX: KZR 2 December 2019*	ASX: KZR 5 November 2020*	ASX: KZR 12 April 2022*
ASX: NST 28 July 2011	ASX: KZR 15 January 2020	ASX: KZR 22 December 2020	ASX: KZR 20 April 2022*
ASX: NST 2 April 2012	ASX: CAL 19 February 2020	ASX: KZR 5 January 2021*	ASX: KZR 9 May 2022
ASX: NST 2 July 2012	ASX: DEG 27 April 2020	ASX: KZR 8 July 2021	ASX: KZR 29 June 2022
ASX: NST 26 July 2012	ASX: KZR 29 April 2020	ASX: KZR 22 July 2021	ASX: KZR 4 July 2022
ASX: NST: 27 August 2012	ASX: CMM 12 May 2020	ASX: KZR 23 August 2021	ASX: KZR 6 July 2022
ASX: NST 10 September 2012	ASX: KZR 3 June 2020*	ASX: KZR 8 September 2021	ASX: KZR 16 November 2022*
ASX: NST 7 February 2013	ASX: NST 22 June 2020	ASX: KZR 5 October 2021	ASX: KZR 2 February 2023
ASX: NST 28 February 2013	ASX: KZR 23 June 2020	ASX: KZR 16 December 2021	ASX: KZR 7 February 2023*
ASX: KZR 20 November 2017	ASX: KZR 4 August 2020	ASX: KZR 20 January 2022*	ASX: KZR 10 February 2023*
ASX: KZR 20 June 2018	ASX: KZR 28 August 2020*	ASX: KZR 24 January 2022*	ASX: KZR 8 May 2023
ASX: KZR 14 November 2018*	ASX: KZR 23 September 2020	ASX: KZR 9 February 2022	
ASX: NST 1 August 2019	ASX: KZR 19 October 2020	ASX: KZR 28 February 2022	

## Disclaimer

This IP does not purport to contain all the information that a prospective investor may require in relation to the Company's mineral projects. In all cases, before acting in reliance on any information, the Recipient should conduct its own investigation and analysis and should check the accuracy, reliability and completeness of the information and obtain independent and specific advice from appropriate professional advisers. The Company makes no representation, or warranty (express or implied) as to the accuracy, reliability or completeness of the information. The Company and its respective Directors, employees, agents and consultants shall have no liability for any statements, opinions, information or matters arising out of, or for any omissions from, this IP, except liability under law that cannot be excluded.

## Competent Persons Statement

The information in this report that relates to Exploration Results for Mallina West, Pilbara Lithium and Ashburton Projects are extracted from the Company's ASX announcements as referred to above (see releases marked \*) and are available to view on [www.kzr.com.au](http://www.kzr.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements.

The information in this IP for all Projects, other than the Ashburton Gold Project, is based on information compiled by Dr Luke Mortimer, a competent person who is a Member of The Australian Institute of Geoscientists. Dr Mortimer is an employee engaged as the Exploration Manager for the Company and 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'. Dr Mortimer consents to the inclusion in this document of the matters based on his information in the form and context in which it appears.

The information in this IP relation to the exploration data for the Western Australian Ashburton Gold Project is based on information compiled by Mr Matthew Rolfe, a competent person who is a Member of the Australian Institute of Geoscientists. Mr Rolfe is an employee engaged as the Exploration Manager – Ashburton Gold Project for the Company and 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 Rolfe consents to the inclusion in this document of the matters based on his information in the form and context in which it appears.

The information in this IP that relates to the estimation and reporting of mineral resources at the Ashburton Project is based on information compiled by Mr Phil Jankowski, who is a Fellow of Australasian Institute of Mining and Metallurgy. Mr Jankowski is an employee of CSA Global Ltd who are engaged as consultants to Kalamazoo Resources Limited. Mr Jankowski 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 Jankowski consents to the inclusion in this document of the matters based on his information in the form and context in which it appears.

The information in this IP that relates to metallurgical test work results is based on information reviewed by Mr David Pass, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Pass is an employee of Battery Limits. Mr Pass has sufficient experience relevant to the mineralogy and type of deposit under consideration and the typical beneficiation thereof to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code, 2012 Edition). Mr Pass consents to the inclusion in the report of the matters based on the reviewed information in the form and context in which it appears.

The information in this IP that relates to the Mineral Resources for the Ashburton Project is based on information announced to the ASX on 23 June 2020 and 7 February 2023. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements, and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply.

ASHBURTON GOLD PROJECT MINERAL RESOURCES										
	INDICATED			INFERRED			TOTAL			Cut off
	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces	
	(000's)	(g/t)	(000's)	(000's)	(g/t)	(000's)	(000's)	(g/t)	(000's)	
Mt Olympus <sup>1-3</sup>	8,896	2.9	821	3,346	2.3	252	12,242	2.7	1,073	0.5 - 1.5
Peake <sup>4</sup>	349	5.3	60	1,571	3.0	150	1,920	3.4	210	1.5
Waugh <sup>5</sup>	218	2.0	14	292	1.9	18	510	1.9	32	0.5
Zeus <sup>6,7</sup>	236	2.0	15	1,282	2.6	106	1,518	2.5	121	0.5 - 1.5
<b>TOTAL RESOURCES<sup>8</sup></b>	<b>9,699</b>	<b>2.9</b>	<b>911</b>	<b>6,491</b>	<b>2.5</b>	<b>525</b>	<b>16,190</b>	<b>2.8</b>	<b>1,436</b>	

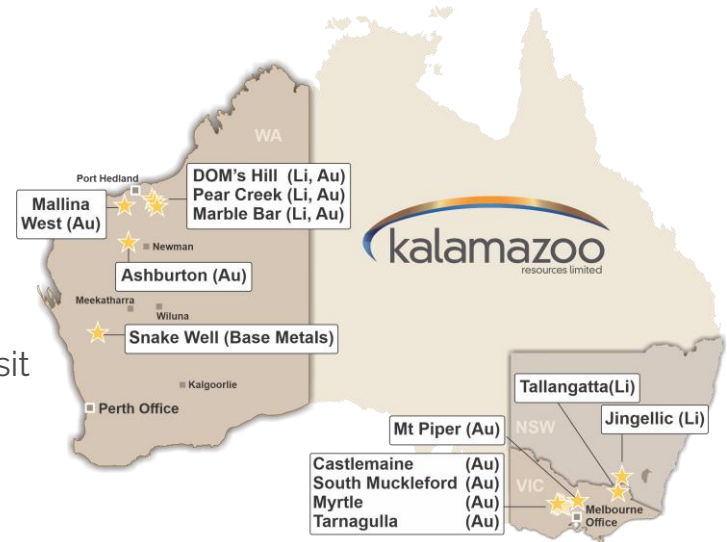
# Major Gold Assets in Pilbara and Victoria

## Pilbara Gold Projects

- Ashburton Gold Project
  - New JORC Code (2012) Resource of **1.44Moz @ 2.8g/t Au**<sup>1</sup>
  - Mt Olympus Deposit of **~1.1Moz** – grade increased by **24% to 2.7g/t Au**
  - **75%** of the total resource now contained at Mt Olympus deposit
- Mallina West Gold Project along strike from De Grey's Hemi discovery

## Victorian Gold Projects

- Recent acquisition of **1,522km<sup>2</sup>** Mt Piper Gold Project located between Fosterfield, Costerfield and Sunday Creek<sup>2</sup>
- Major projects in the Bendigo Zone (**485km<sup>2</sup>**) with advanced exploration/drill programs:
  - Castlemaine Gold Project (**5.6Moz** historical production)<sup>3</sup>
  - South Muckleford Gold Project (**2.1Moz** historical field production)<sup>3</sup>

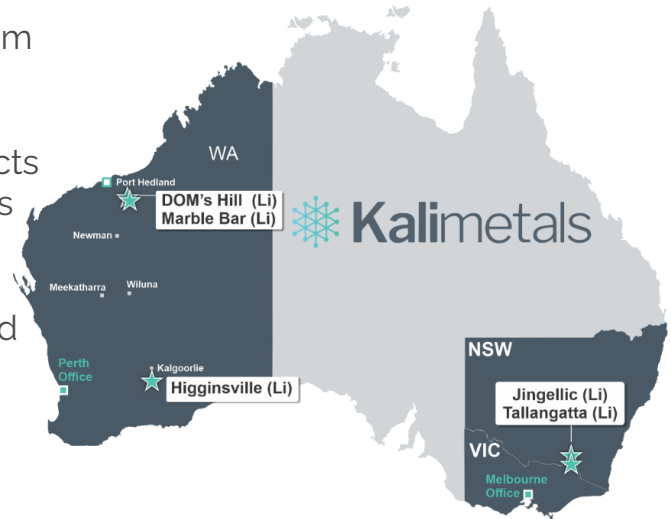


Our strategy is to acquire and discover mineral projects that create tangible shareholder value

1. ASX: KZR 7 February 2023 2. ASX: KZR 4 July 2022 3. Willman et al 2002 Geology Survey Victoria, Report

# Lithium Spin-out into Kali Metals

- Kalamazoo and Karora Resources (TSX: KRR) to IPO their Major Lithium Projects into new ASX listed company known as Kali Metals
- Kalamazoo to vend in its Pilbara and Lachlan Fold Belt Lithium Projects (**2,226km<sup>2</sup>**) and Karora will vend in its highly prospective lithium rights across its Higginsville Lithium Project (**1,607km<sup>2</sup>**) south of Kalgoorlie<sup>1</sup>
- Unrivalled exploration tenure of **~3,800km<sup>2</sup>** in highly prospective hard rock lithium regions
- Kali planning to raise **\$10m** to **\$12m** and IPO in September 2023
- Kalamazoo to own **55%** of Kali and Karora **45%** prior to IPO
- Experienced management team and Board with a proven track record of value creation in place, led by Graeme Sloan as Managing Director and Kalamazoo's Chairman/CEO Luke Reinehr as Chairman
- The IPO will provide Kalamazoo shareholders with an initial 25% in-specie distribution of its Kali shares and a priority entitlement to subscribe for shares in the Kali IPO<sup>2</sup>



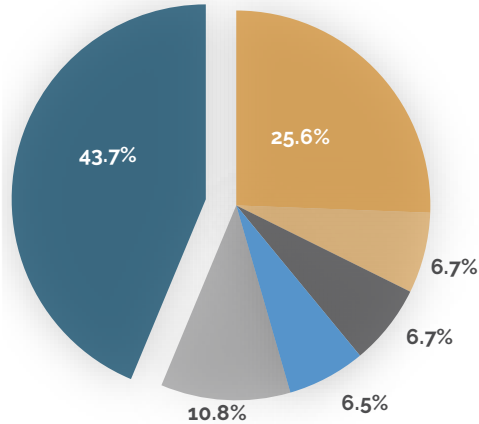
**Our strategy is to acquire and discover mineral projects that create tangible shareholder value**

1. ASX: KZR 8 May 2023

2. Subject to final shareholder and regulatory approval

# Corporate Overview

## Substantial Shareholders



- Mutual Trust
- Beatons Creek Gold (Novo Resources)
- 2176423 Ontario Ltd (Eric Sprott)
- Directors and Senior Management
- Citicorp Nominees
- Remainder

**The Top 5 hold 49.7%**

**The Top 20 hold 62.4%**

## Board & Management

<b>Luke Reinehr</b>	Executive Chairman/CEO
<b>Paul Adams</b>	Executive Director
<b>Angus Middleton</b>	Non-Executive Director
<b>Bernard Crawford</b>	CFO/Company Secretary
<b>Dr Luke Mortimer</b>	Exploration Manager

## Capital Structure

<b>Shares<sup>1</sup></b>	152,406,351
<b>Performance Rights</b>	4,250,000
<b>Unlisted Options</b>	20,550,000
<b>Market Cap (\$0.14)</b>	A\$21.1m
<b>Cash<sup>1</sup></b>	A\$1.7m

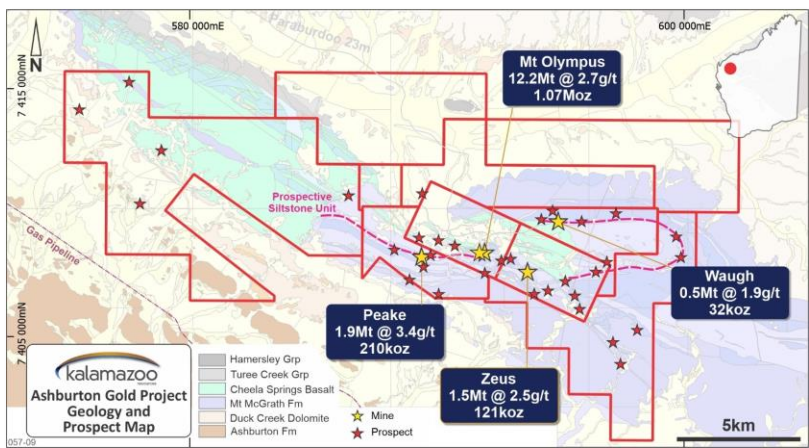
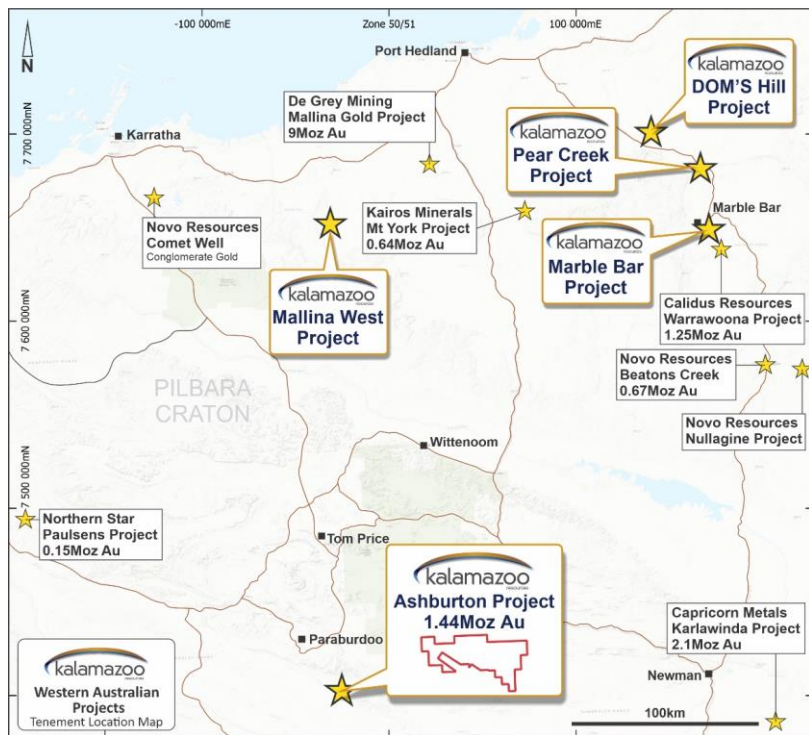
1. As at 28 April 2023



## Options

<b>\$1.04 exp. 30/11/2023</b>	1.05m
<b>\$0.69 exp. 15/03/2024</b>	1.5m
<b>\$0.375 exp. 01/09/2025</b>	6.0m
<b>\$0.365 exp. 30/11/2025</b>	12.0m

# Pilbara: Ashburton Gold Project

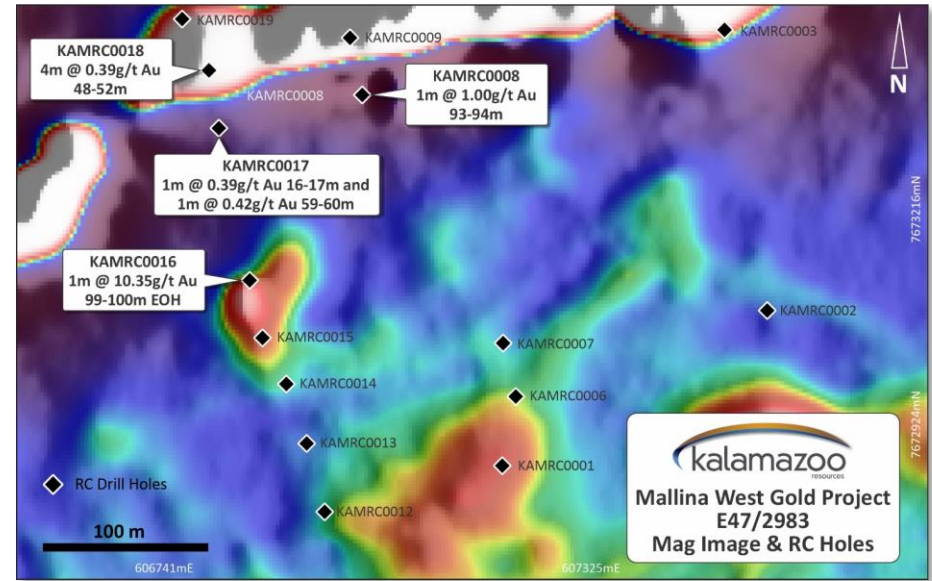
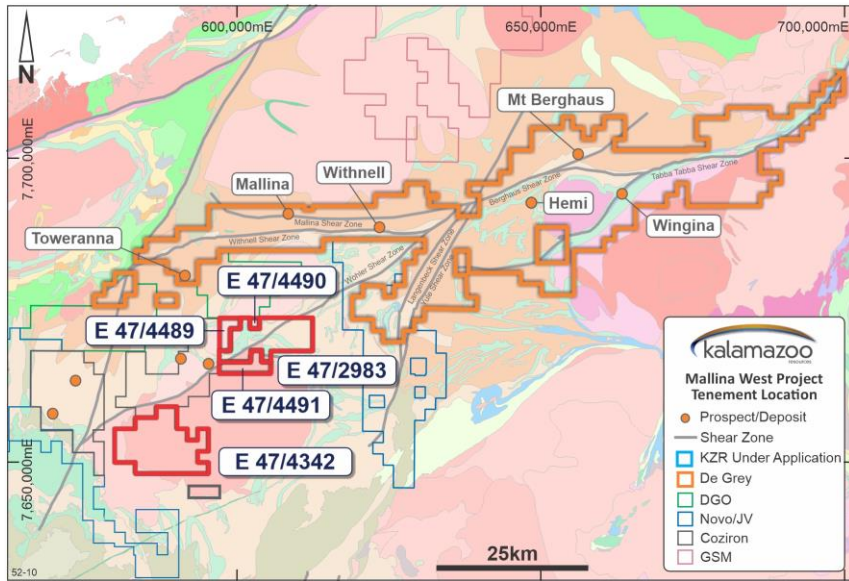


- New resource estimate now stands at **16.2Mt @2.8g/t gold for 1.44 million ounces<sup>1</sup>**
- **10%** increase in grade (**2.8g/t Au**) across all deposits
- **68% increase in Indicated Category** ounces reflecting improved interpretation of all resources within the Project
- Grade for the Mt Olympus deposit increased by **24% to 2.7g/t gold**
- An additional drill-defined, mid-point Exploration Target below the current Open Pit resource at West Olympus/Mt Olympus of **171,000ozs**
- Kalamazoo's Ashburton Project of **1.44Moz @2.8g/t gold** compares well on grade with Pilbara peers:
  - De Grey's Mallina Project (gMoz @1.2g/t)<sup>2</sup>
  - Calidus' Warrawoona Project (1.7Moz @1.2g/t)<sup>3</sup>
  - Capricorn's Karlawinda Project (2.1Moz @0.8 g/t)<sup>4</sup>
- Preliminary economic studies based on the new resource provide confidence for continued development activities

1. ASX: KZR 7 February 2023  
 2. ASX: DEG 23 June 2021  
 3. ASX: CAI 9 March 2022  
 4. ASX: CMM 12 May 2020

# Pilbara: The Mallina West Gold Project

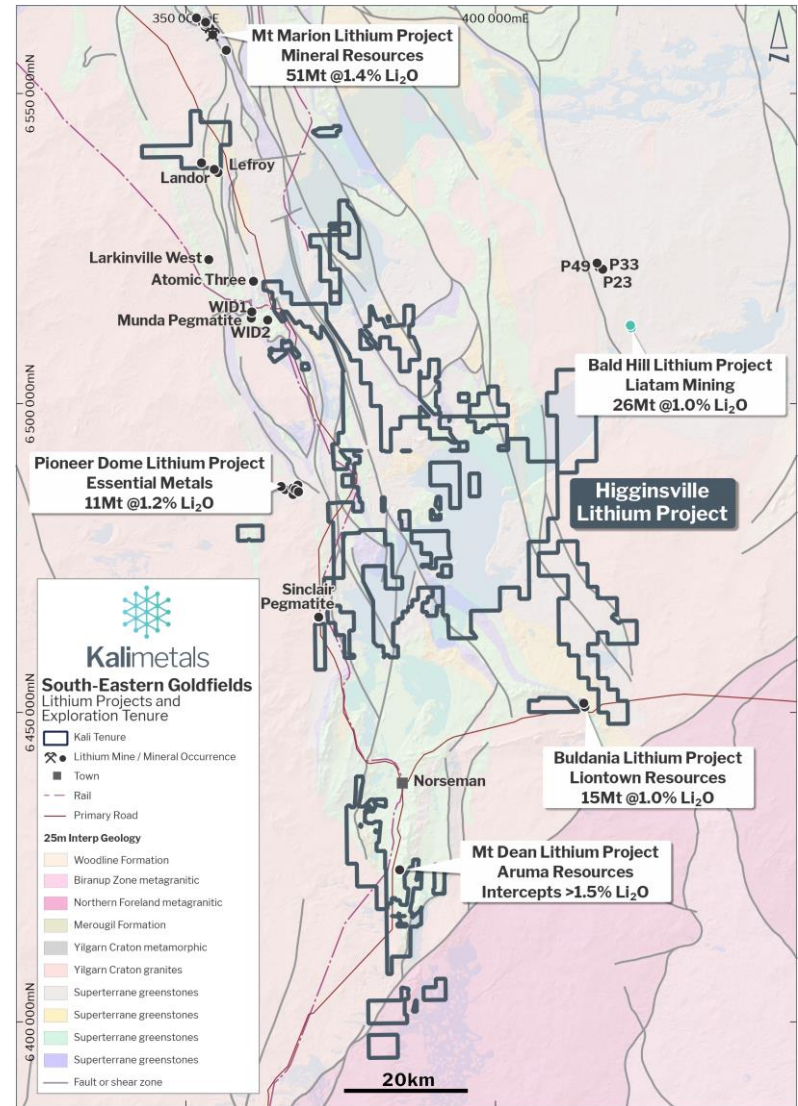
- Same shear zone as De Grey's world class Hemi discovery
- Ultrafine+™ soil sampling and airborne surveys identified **5 highly prospective** targets
- **~2,434m** RC drill campaign completed targeting distinct gold-in-soil highs<sup>1</sup>
- **1m @10.35 g/t Au** in KAMRC0016 at end of hole ("EOH") and open in all directions<sup>2</sup>
- Follow up drill program planned for upcoming field season



1. ASX: DEG 17 December 2019, 6 February 2020, 27 May 2020, 5 June 2020, 9 June 2020  
2. ASX: KZR 16 November 2022

# Higginsville Lithium Project

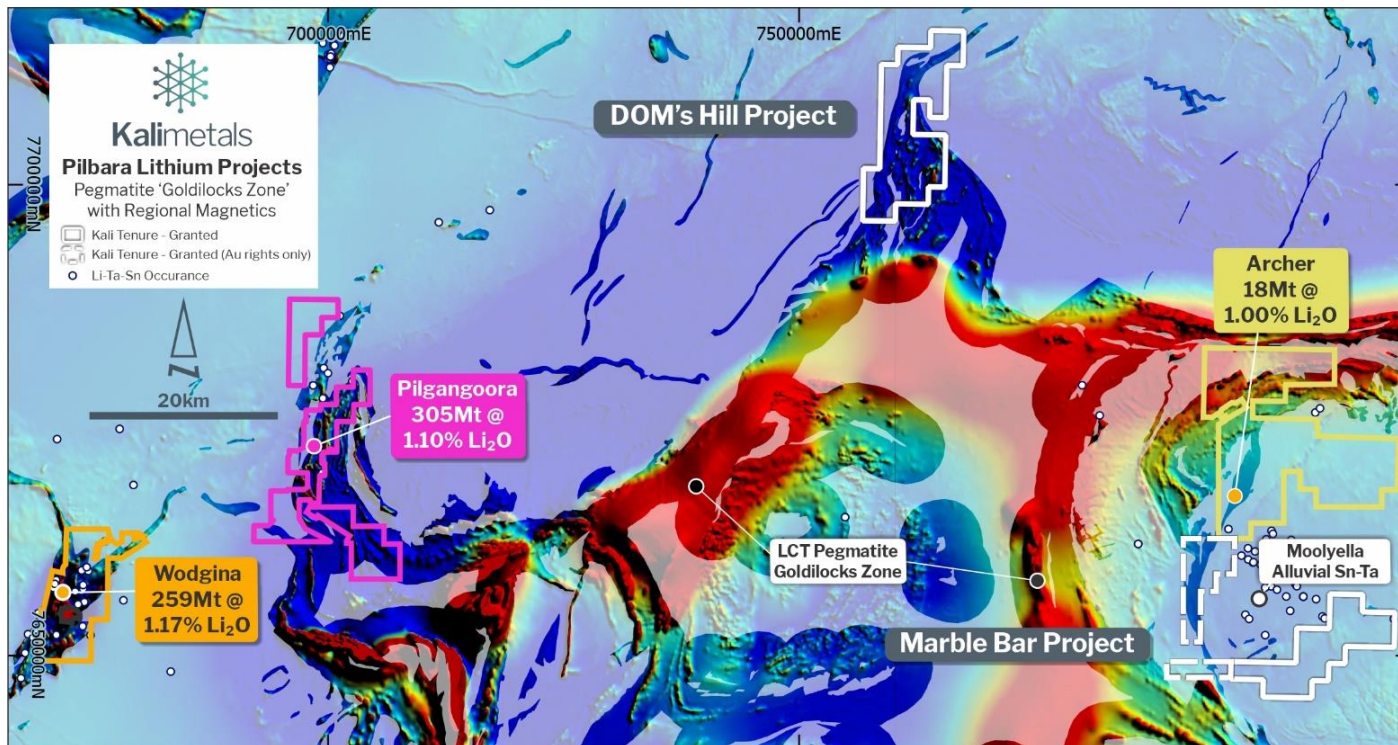
- Eastern Yilgarn, WA is a leading hard-rock lithium region containing major mines and deposits including:
  - Mt Marion Lithium Mine (21.4Mt @ 1.54% Li<sub>2</sub>O Indicated Resource and 30Mt @ 1.38% Li<sub>2</sub>O Inferred Resource) <sup>1</sup>
  - Bald Hill Lithium Mine (14.4Mt @ 1.02% Li<sub>2</sub>O Indicated Resource and 12.1Mt @ 0.9% Li<sub>2</sub>O Inferred Resource) <sup>2</sup>
  - Pioneer Dome Lithium Project (11Mt @ 1.2% Li<sub>2</sub>O Indicated Resource) <sup>3</sup>
  - Buldania Lithium Project (9.1Mt @ 0.98% Li<sub>2</sub>O Indicated Resource and 5.9Mt @ 0.95% Li<sub>2</sub>O Inferred Resource) <sup>4</sup>
  - Manna Lithium Project (18.5Mt @ 1.03% Li<sub>2</sub>O Indicated Resource & 14.2Mt @ 0.97% Li<sub>2</sub>O Inferred Resource) <sup>5</sup>
- The Higginsville tenements provides dominant exploration tenure of **1,607km<sup>2</sup>** of highly prospective lithium exploration ground within the Eastern Yilgarn lithium zone
- Highly prospective lithium targets identified at Spargoville, Mt Dean, Mt Henry and Buldania North and East prospects:
  - Potential for rare element LCT type pegmatites (principal source of hard rock lithium) assessed as highly prospective by CSA Global study
  - Analysis underway on drill hole database focused on pegmatite occurrences to identify drill ready targets
- Higginsville historical drill hole database has recorded **~600** pegmatites of more than 10m in length down hole yet to be analysed for lithium associated data<sup>6</sup>



1. ASX: MIN 7 October 2022 2. ASX: TAW 6 June 2018 3. ASX: ESS 20 December 2022 4. ASX: LTR November 2019 5. ASX: GL1 5 December 2022 6. CSA Global ITAR March 2023



- Kali's DOM's Hill Lithium Project (**122km<sup>2</sup>**) considered to be a geological analogue of the world-class:
  - Pilbara Minerals Pilgangoora lithium mine (305Mt @ 1.1% Li<sub>2</sub>O)<sup>1</sup> 50km to the SW
  - Albemarle /Mineral Resources Wodgina lithium mine (259Mt @ 1.17% Li<sub>2</sub>O)<sup>2</sup> 70km to the SW
- GL1's Archer Deposit (18Mt @ 1.0% Li<sub>2</sub>O)<sup>3</sup> 25kms north of Kali's Marble Bar project in similar geological setting
- Large Phase 2 drill campaign planned for DOM's Hill and Marble Bar under Kali/SQM JV in 2023
- At Marble Bar (**77km<sup>2</sup>**) recent field work has discovered outcropping spodumene bearing pegmatite dykes associated with high grade rock chip samples assaying up to **2.8% % Li<sub>2</sub>O**<sup>4</sup>

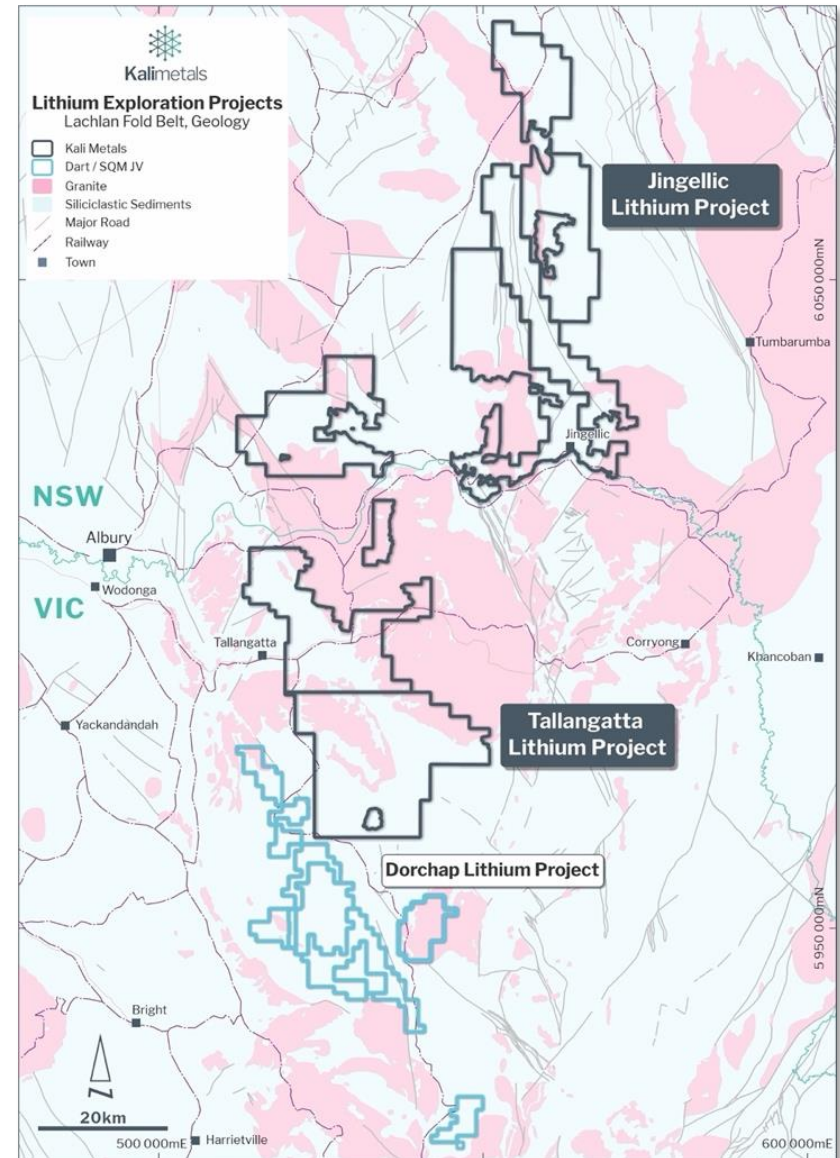


- **Jingellic Lithium Project**

- Greenfields exploration licence covering **1,220 km<sup>2</sup>** in the Lachlan Fold Belt in southern NSW
- Prospective for both pegmatite-hosted LCT and hard rock tin-tungsten mineralization
- Initial field reconnaissance has located several historical tin-tungsten mine workings and numerous outcropping pegmatite dykes

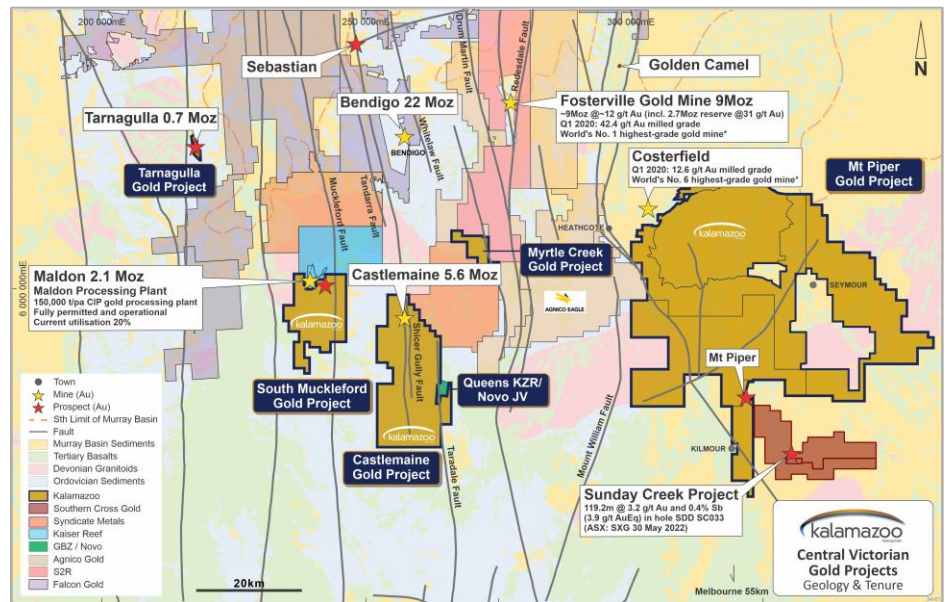
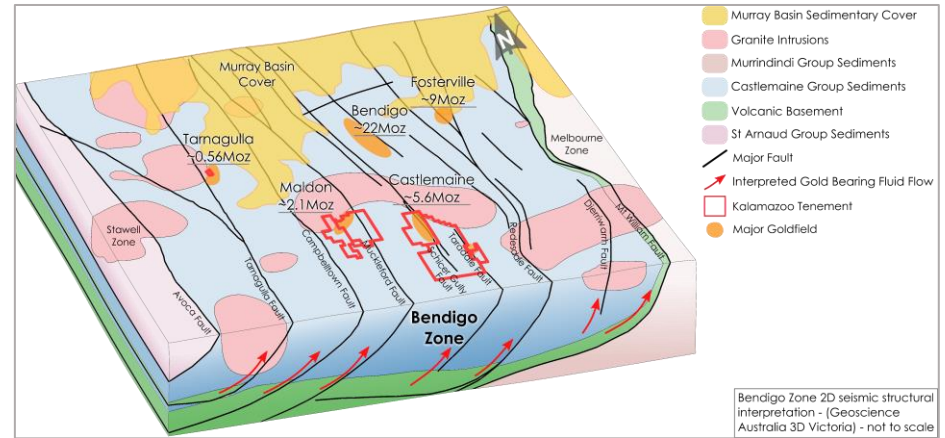
- **Tallangatta Lithium Project**

- Greenfields exploration licence covering **807km<sup>2</sup>** in the Lachlan Fold Belt in North-East Victoria
- Geology considered highly prospective for LCT and tin mineralization
- Rights to lithium, tin and tantalum



# Central Victorian Goldfields

- **Bendigo Zone: 60M+ oz Au<sup>1</sup>** at average grade of **15 g/t Au<sup>2</sup>**
- Fosterville has re-focused activity and global attention on Victoria
- Strategy of consolidating major gold fields with **~485km<sup>2</sup>** of tenure - the right locations for the next World-Class discovery:
  - Castlemaine
  - South Muckleford
  - Tarnagulla
  - Myrtle Creek
- Limited modern exploration – e.g. Castlemaine historical drilling averaged just **137m**
- **Melbourne Zone:** Significant known gold endowment including the high-grade Costerfield gold-antimony mine and historical Heathcote, Nagambie, Rushworth and Bailieston goldfields
- Mt Piper Gold Project, **~1,522km<sup>2</sup>**
- Very limited modern exploration



1. Willman et al 2002, Geology Survey Victoria, Report 121. 2. Source: Ross Cayley, "Gold in Victoria – The Current State of Play",

# Victoria: Strategy and Target Generation

- Acquisition strategy of acquiring and developing major resource projects with significant exploration potential
- Strategy to discover high-grade (>10g/t) large resources (1Moz+) in structurally complex goldfields
- New approach required – thinking differently
- Exploring smarter and innovating with “Low Impact” technologies:
  - UltraFine+™ Soil/Mica Sampling Programs (CSIRO)
  - Regional-scale 200m x 100m soil sampling programs (7,843 samples)
  - Induced Polarisation (IP), Ground Magnetic Surveys
  - LiDAR, 3D Geological Modelling, Fieldwork
- Different techniques for specific geological settings
- **Multiple high priority prospects** identified:
  - Mt Piper Gold Project – multiple Au-Sb targets
  - Mustang 4,500m drilled - (e.g. **1.42m@ 261g/t Au**)<sup>1</sup>
  - Lightning – drilled (**2.5km mineralised trend**)<sup>2</sup>
  - Fentiman: **epizonal Au/Sb discovery** – drilled<sup>3, 4</sup>
  - Muckleford Fault hanging-wall prospects
  - Wattle Gully extensions
  - Tarnagulla Gold Project – upcoming drill program
  - Extensive programs over next 24 months



Small footprint diamond drilling South Muckleford Gold Project 2021



Visible high-grade gold intersection, Castlemaine Gold Project 2020

# Victoria: Mt Piper Gold Project

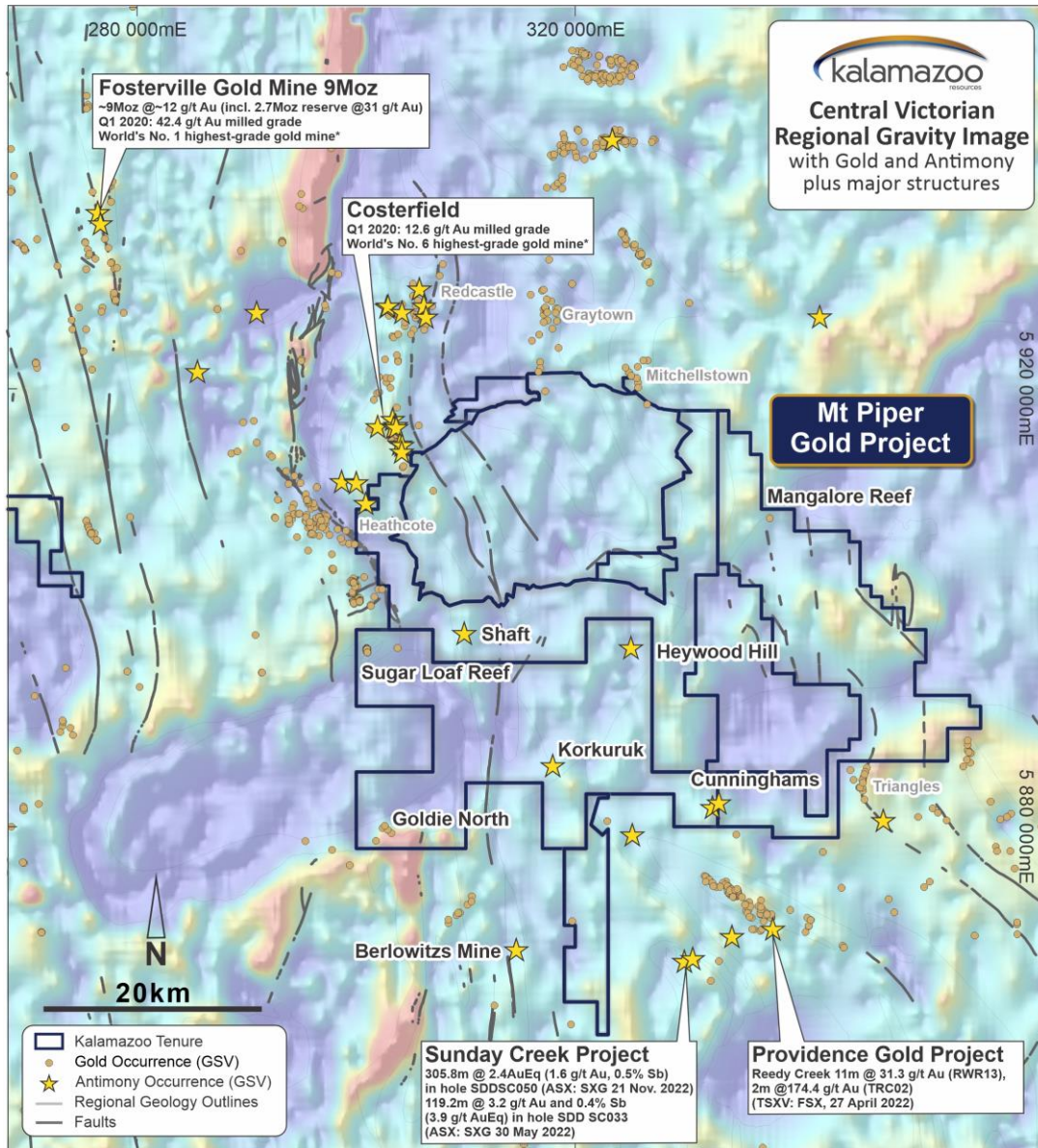
- **~1,522km<sup>2</sup>** project acquired in mid-2022 from Coda Minerals<sup>1</sup>
- Strategic and on-going consolidation of prime Victorian exploration ground
- Adjacent to Agnico Eagle Mines Limited's large exploration land tenure and 30 km from its world class Fosterville gold mine (**9.0 million ounces grading 12.0 g/t gold**)
- Prime location located between:
  - Mandalay Resources' high-grade gold-antimony Costerfield Mine (**proven and probable reserves of 769,000 tonnes @ 12.6 g/t gold and 2.5% antimony<sup>2</sup>**); and
  - Southern Cross Gold Company's Sunday Creek Project with high-grade gold intercepts including:
    - **119.2 metres @ 2.9 g/t** gold equivalent
    - **21.5 metres @ 15.0 g/t** gold equivalent
    - **48.9 metres @ 3.0 g/t** gold equivalent
- Mt Piper is highly prospective for epizonal, high grade gold/antimony deposits (i.e. Fosterville style)
- Mt Piper Project area is under-explored and has only had limited, localised, shallow drilling

1. ASX: KZR 4 July 2022

2. Mandalay Resources Corporation 2021. <https://mandalayresources.com/operations/Costerfield-mine>

3. ASX: SXG 22 February 2023

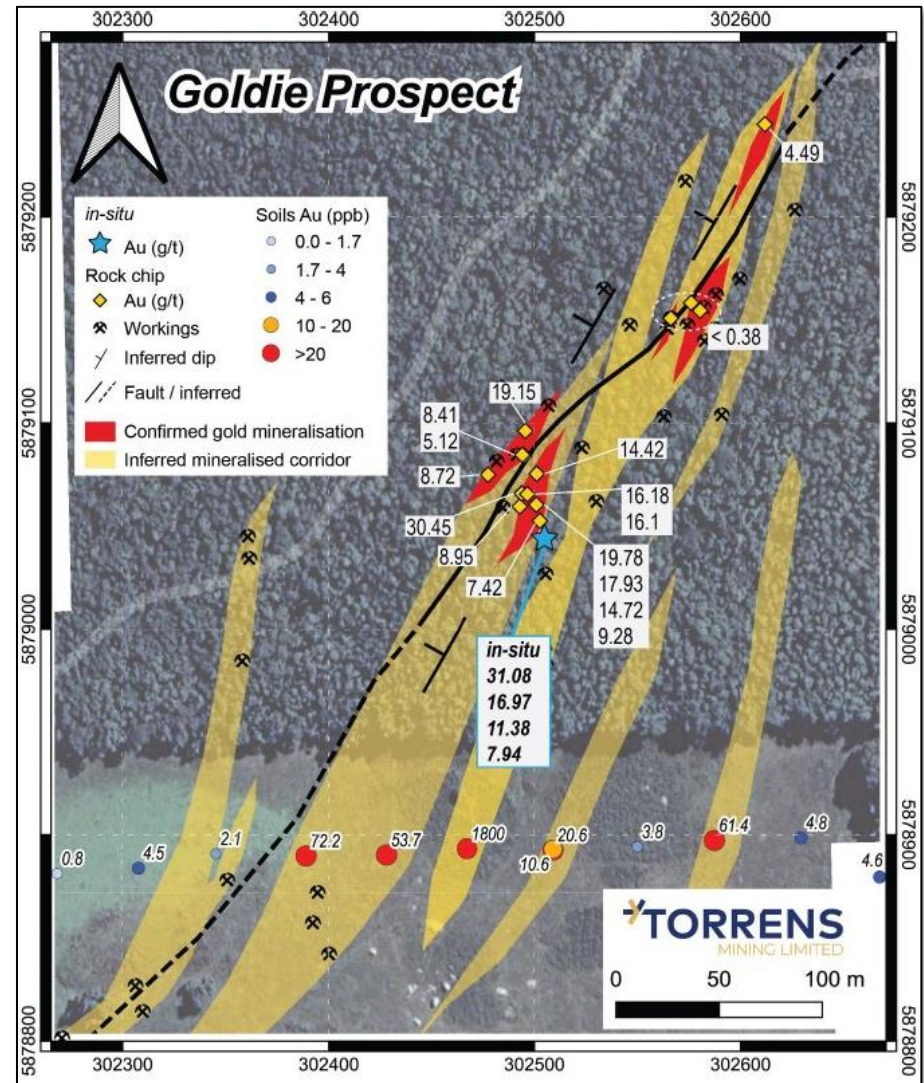
# Victoria: Mt Piper Gold Project



- Initial targeting exercises identified several high priority Prospects
- Multiple known gold and antimony mineral occurrences throughout the Project area
- Recent rock chip sampling (Torrens Mining) at the Goldie Prospect (**31.1 g/t** and **30.4 g/t Au**) has defined high-grade gold mineralisation<sup>1</sup>

# Mt Piper Gold Project – Goldie Prospect

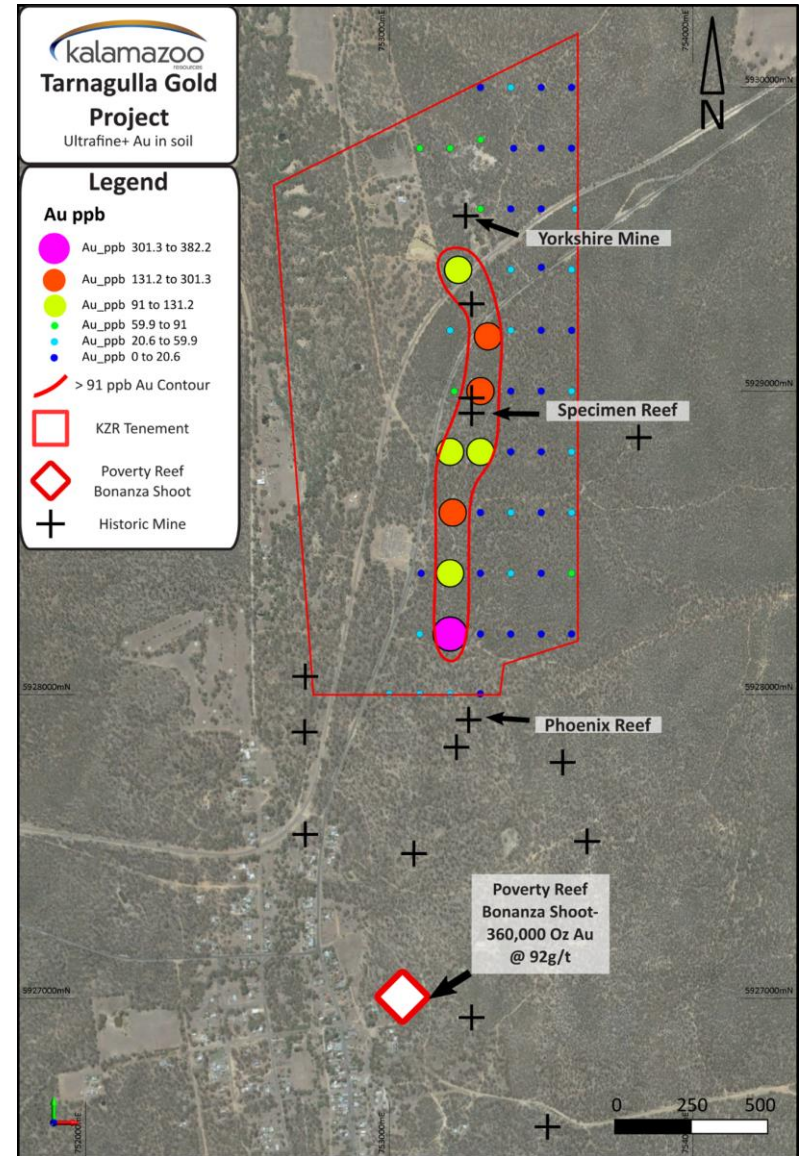
- Goldie Prospect identified by previous owners (Torrens Mining)
- Systematic rock chip sampling at the south-western Goldie Prospect (EL6775) resulted in:
  - High-grade gold mineralisation defined over a minimum strike of 120m
  - Several parallel reefs identified within a potentially 150m wide corridor
- Best rock chip assay results included **31.1 g/t** and **30.4 g/t Au**
- Goldie Prospect covers a series of historical shallow mine workings over 1.2km of strike length
- Prioritised due to a pronounced ~200m wide gold-in-soil anomaly with a best soil assay result of **1,800ppb Au**
- Kalamazoo's follow-up field reconnaissance of this prospect to commence shortly



Goldie rock chip samples (g/t) and soil (ppb) assay results (ASX: TRN 29 October 2021)

# Tarnagulla Gold Project

- Tarnagulla Gold Project is located within the same structural corridor ~1km along strike of the historic high-grade Poverty Reef Mine
- Poverty Reef hosts the historical:
  - Poverty Bonanza shoot (~**360,000 Oz @ 92 g/t Au**)
  - Nick O' Time shoot (~**53,000 Oz @ 29.1 g/t Au**)
- Substantial diamond drilling program has been designed to test highly prospective, coincident structural and soil geochemistry targets.
- Fully permitted and drill ready (2023)

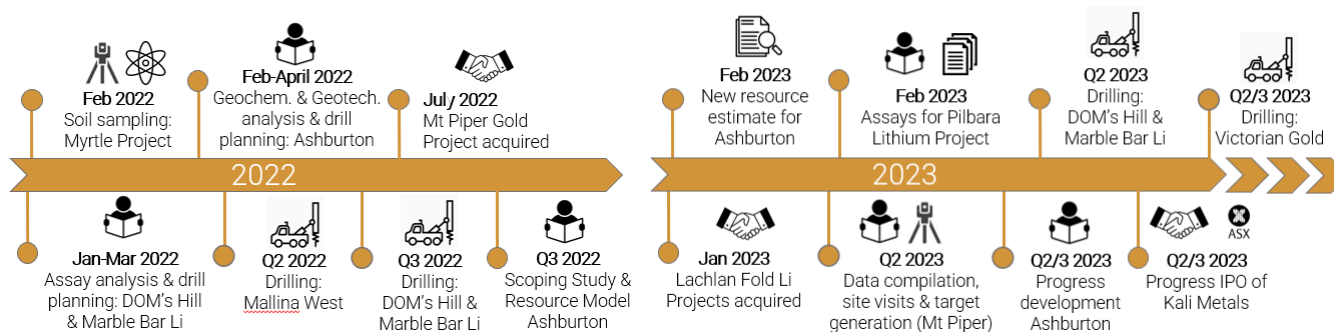


Goldie rock chip samples (g/t) and soil (ppb) assay results (ASX: TRN 29 October 2021)



# Investment Highlights

- ✓ Major gold assets in two of the most highly rated gold provinces in the world today
  - Ashburton Gold Project – expanding 1.44Moz @ 2.8g/t Au resource and development pathway
  - Victorian Gold - searching for the next world-class gold discovery utilising latest technologies
- ✓ Upcoming IPO of Kali Metals – lithium explorer with in-specie share distribution to shareholders
- ✓ Building on past work, major 2023 exploration/drilling programs are underway across portfolio



# Contact Us

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