

# TERRAMIN SOUTH AUSTRALIA GOLD

Investor Presentation  
Richard Taylor | CEO

# Forward Looking & Competent Person Statements



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## Competent Person Statement

The information in this presentation relates to Exploration Results and Mineral Resources is based on information compiled by Mr Eric Whittaker, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Whittaker is an employee and Principal Resource Geologist of Terramin Australia Limited. Mr Whittaker has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 Whittaker consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

# Corporate Update

## Corporate Snapshot - 30 June 2018

Share on issue	1,869,478,040
Market Cap	\$196M @ \$0.105/share
Liquidity	30 Day - 179,413 shares
Cash	\$0.7M
Debt	\$14.3M
Enterprise Value	\$210M

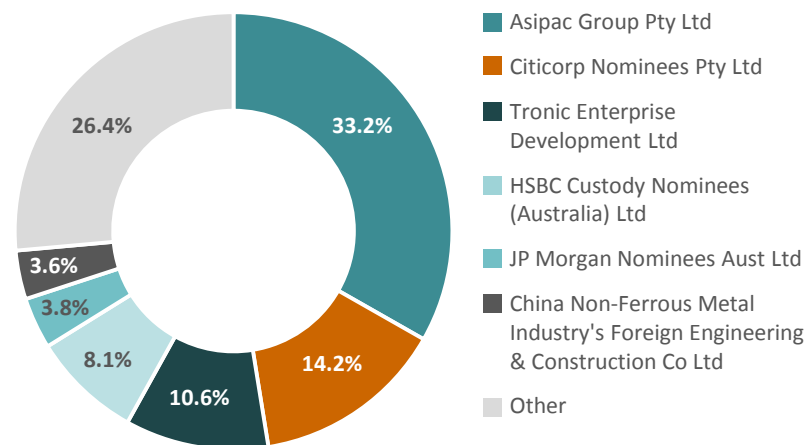
## Board and Management

Feng Sheng	Executive Chairman
Michael Kennedy	Non-Executive Chairman
Angelo Siciliano	Non-Executive Director
Kevin McGuinness	Non-Executive Director
Wang Xinyu	Executive Director
Richard Taylor	CEO
Simon Iacopetta	CFO / Company Secretary

## 5 Year Share Price Snapshot



## Largest Shareholders – 30 June 2018



## Board & Executives



**Mr Feng Sheng**

**Executive Chairman – Appointed 17 April 2013**

Mr Sheng is the Chairman of Melbourne based Asipac Group. Mr. Sheng has been involved in the investment sector for more than 15 years, mainly in areas of property and resources. Mr Sheng is the Vice Chairman of the Australia China Business Council (Victoria).



**Mr Kevin McGuinness**

**Non-Executive Director – Appointed 17 April 2013**

Mr McGuinness is a finance executive with more than 20 years of experience as a director and in executive management with ASX listed and private companies in the mining, medical equipment industries and not-for-profit organisations. Mr McGuinness was previously the Chief Financial Officer of Exact Mining Services.



**Mr Wang Xinyu**

**Executive Director – Appointed 2 March 2017**

Mr Wang is a vice president of NFC and is currently a director of Industrial Construction Corporation LLC (Mongolia), China Nerin Engineering Co. Ltd and NFC India Pvt. Ltd. Mr Wang has project management experience in a number of smelting and mining operations in the Middle East and Central Asia.



**Richard Taylor**

**Chief Executive Officer**

Richard is a mining executive with more than 15 years' experience in senior international and resource sector roles. He was most recently Managing Director of PanAust Ltd's Asia business subsidiary, Phu Bia Mining Limited.



**Mr Michael H Kennedy** BComm (Economics)

**Non-Executive Deputy Chairman – Appointed 15 June 2005**

Mr Kennedy has enjoyed a 40 year career in the non-ferrous mining and smelting industry, and has held a number of senior marketing and logistics roles with the CRA/RTZ Group, managing raw material sales.



**Mr Angelo Siciliano** FIPA, Registered Tax Agent, BBus

**Non-Executive Director – Appointed 2 January 2013**

Mr Siciliano has more than 20 years' experience as an accountant in property development and financial accounting. Mr Siciliano is the Chief Financial Officer of Asipac Group and for the last 20 years has owned and managed an accounting practice predominantly focusing on taxation and business consulting. Mr Siciliano is a Fellow of the Institute of Public Accountants.



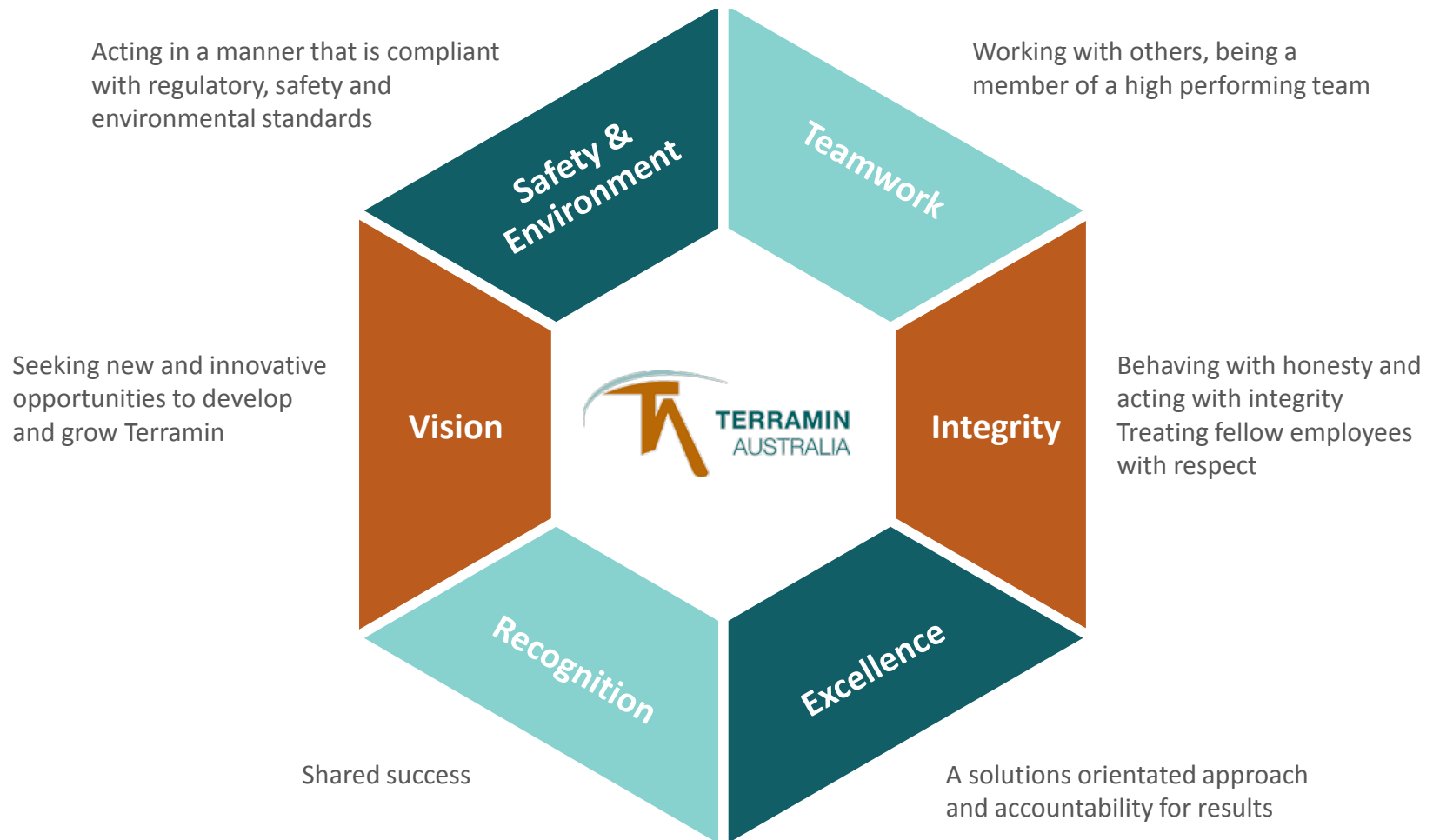
**Simon Iacopetta**

**Chief Financial Officer/Company Secretary**

Simon is a mining executive with broad experience in corporate finance and financial management functions in the resources and professional services sectors. He was most recently Chief Financial Officer of ASX listed gold miner Ramelius Resources Limited.

# Vision and Values

Terramin will become a top 5 base metals company by leveraging its first-mover advantage in Algeria and nurturing strengths in stakeholder engagement and environmental stewardship



# Terramin Demerger of Gold Assets



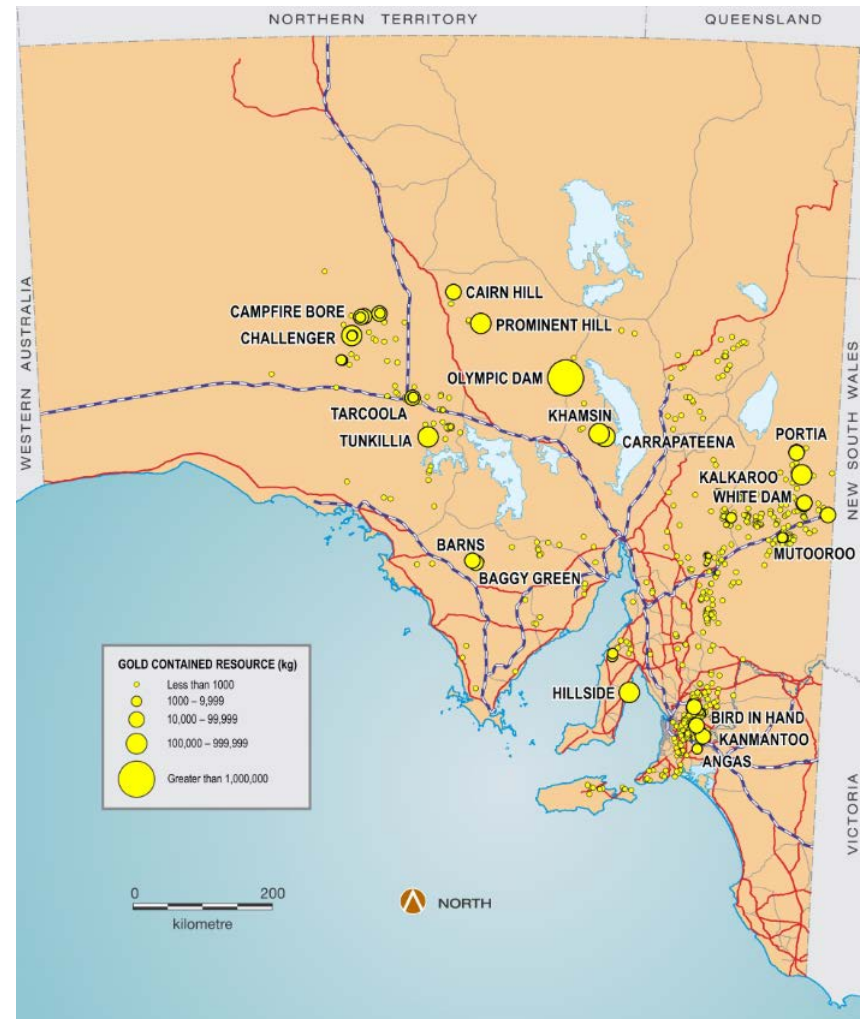
Terramin has announced a strategic review looking at the demerger of its precious and base metals business. The focus of today's presentation is the South Australian gold assets:



# South Australian Gold Overview

## South Australia... A great place to be in gold

- SA Government Gold Commodity Strategy to follow successful launch of its 'Copper Strategy'.
- Gold mineralisation widespread and occurs in almost all geological provinces in the state.
- Currently 8 operational or approved mines including Olympic Dam - the 4th largest gold resource in the world.
- 27.5% of Australia's economic demonstrated gold resources<sup>1</sup>.
- World renowned research and collaboration.
- Large well-educated workforce and large numbers of mining professionals wanting to return to SA from inter-state.
- "More gold exploration is warranted to reflect South Australia's abundant gold potential<sup>1</sup>".



1. SA Government Presentation 2016 citing Geoscience Australia 2014/2015.



A core value of Terramin is safety and sustainability, particularly acting in a manner that both complies and exceeds regulatory, safety and environmental standards.

## Sustainability Program

- Mining baseline studies covering
  - water sources (ground and surface water)
  - soil and land quality
  - air quality (noise and dust)
  - ecosystems
  - local community and demographics
- Developing design and management measures to minimise impacts for all projects
- Ensuring environmental legislation is designed to and managed appropriately
- Developing approvals for key projects
- Continual monitoring and review of environmental data and reporting to government agencies and the public





# Stakeholder Engagement

Terramin actively engages with communities in South Australia through the Strathalbyn and Woodside Community Consultative committees as well as hundreds of informal interactions

## Terramin Approach

- All Projects have a Community Engagement Plan
- CEP clearly identifies key stakeholders within the community
- Outlines the framework for how Terramin engages with the stakeholders during all stages of development, operation and ultimately closure
- Enhances and encourages positive relations between all parties
- Clearly disseminates information about the company's plans, projects, activities and potential impacts, both adverse and positive
- Details how this information flow will be achieved
- Manages the identification and response to issues raised by stakeholders.



# Bird-in-Hand – Forward Looking Plan

New management team has been appointed with a clear pipeline of activities to deliver on Terramin's South Australia gold strategy and potential demerger. Current status:

**01**

**Mineral Resource of 588kt at 13.3g/t for 252koz**

**02**

**Capacity with existing processing plant and tailings dam**

**03**

**Scoping study under independent review for planned release Q4 2018**

**04**

**Finalising Mining Lease Submission**

**05**

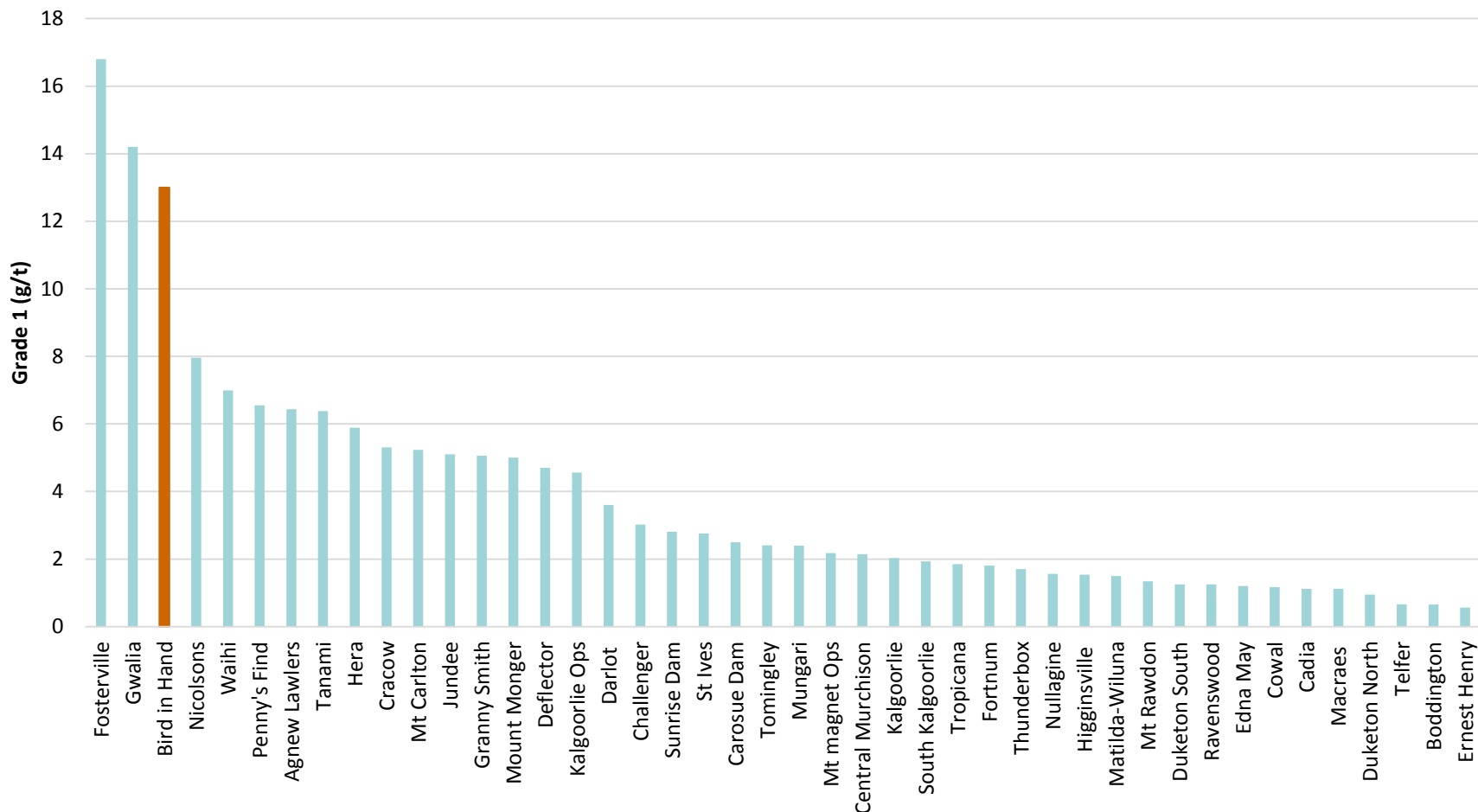
**MAR re-injection test work**

**06**

**Upcoming drill program for infill and extension**

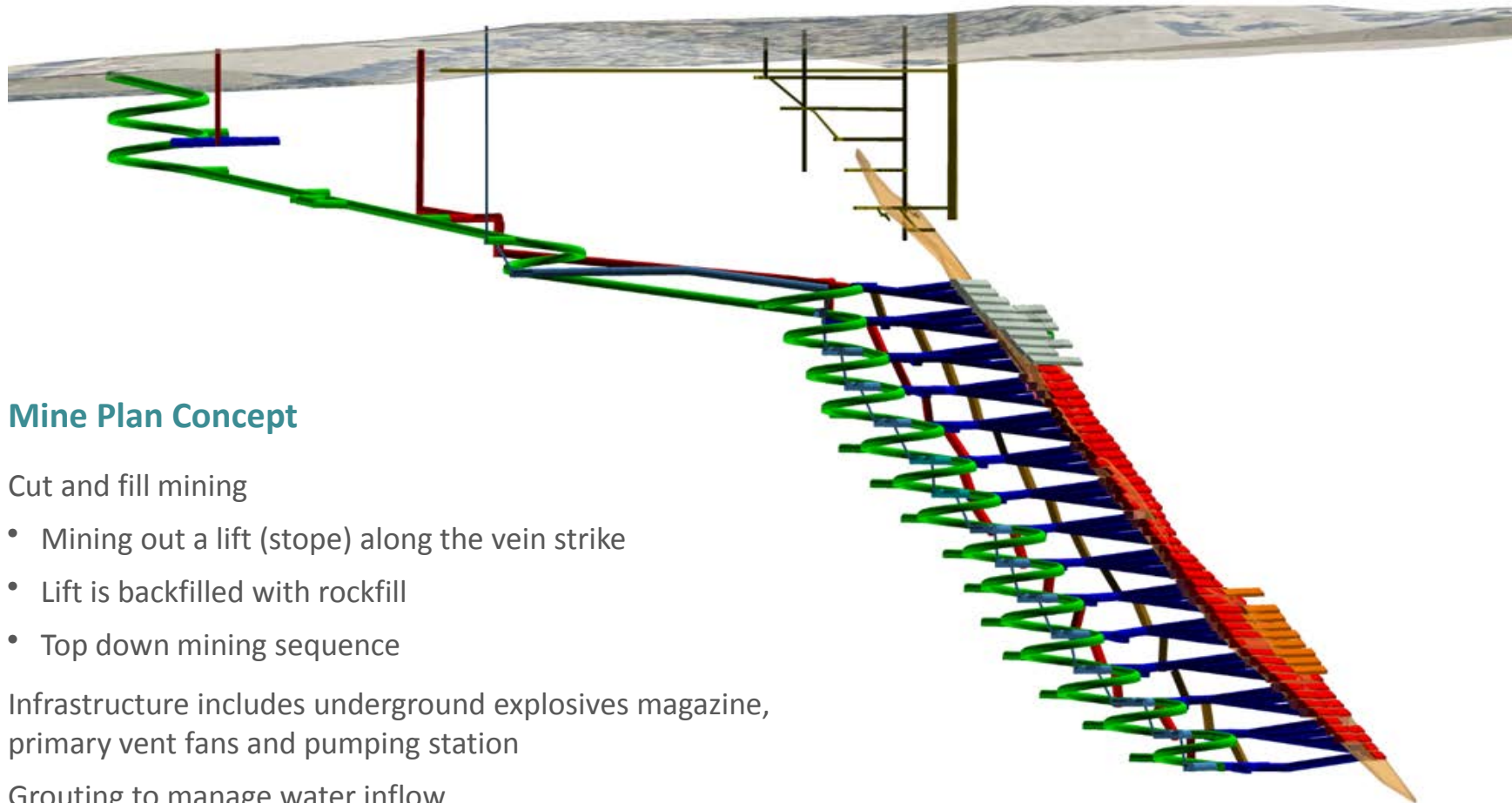
# Bird-in-Hand – High Grade Potential

The Bird-in-Hand mine will be one of the highest grade mines in Australia. Regional exploration will focus on similar high-grade opportunities identified from historical 19<sup>th</sup> Century workings



# Bird-in-Hand Gold – Project Mine Plan

Terramin's mine plan for the BIH deposit is based on a simple small scale underground cut and fill method. High grade gold ore will be extracted from below the historical mine workings:



## Mine Plan Concept

### Cut and fill mining

- Mining out a lift (stope) along the vein strike
- Lift is backfilled with rockfill
- Top down mining sequence

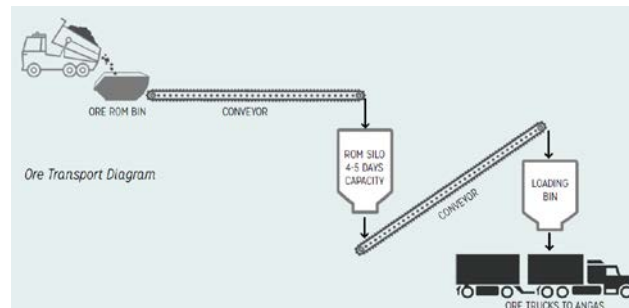
Infrastructure includes underground explosives magazine, primary vent fans and pumping station

Grouting to manage water inflow

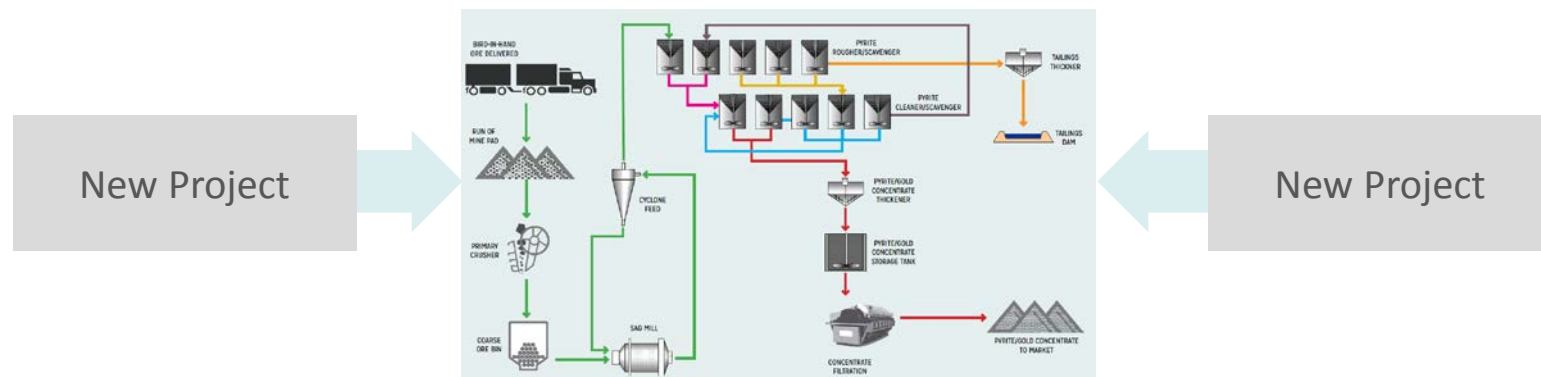
# Bird-in-Hand – Gold Project and Processing

Terramin's existing Angus processing facility at Strathalbyn will be a central hub for gold production from BIH and other potential regional high grade gold targets:

## Bird in Hand

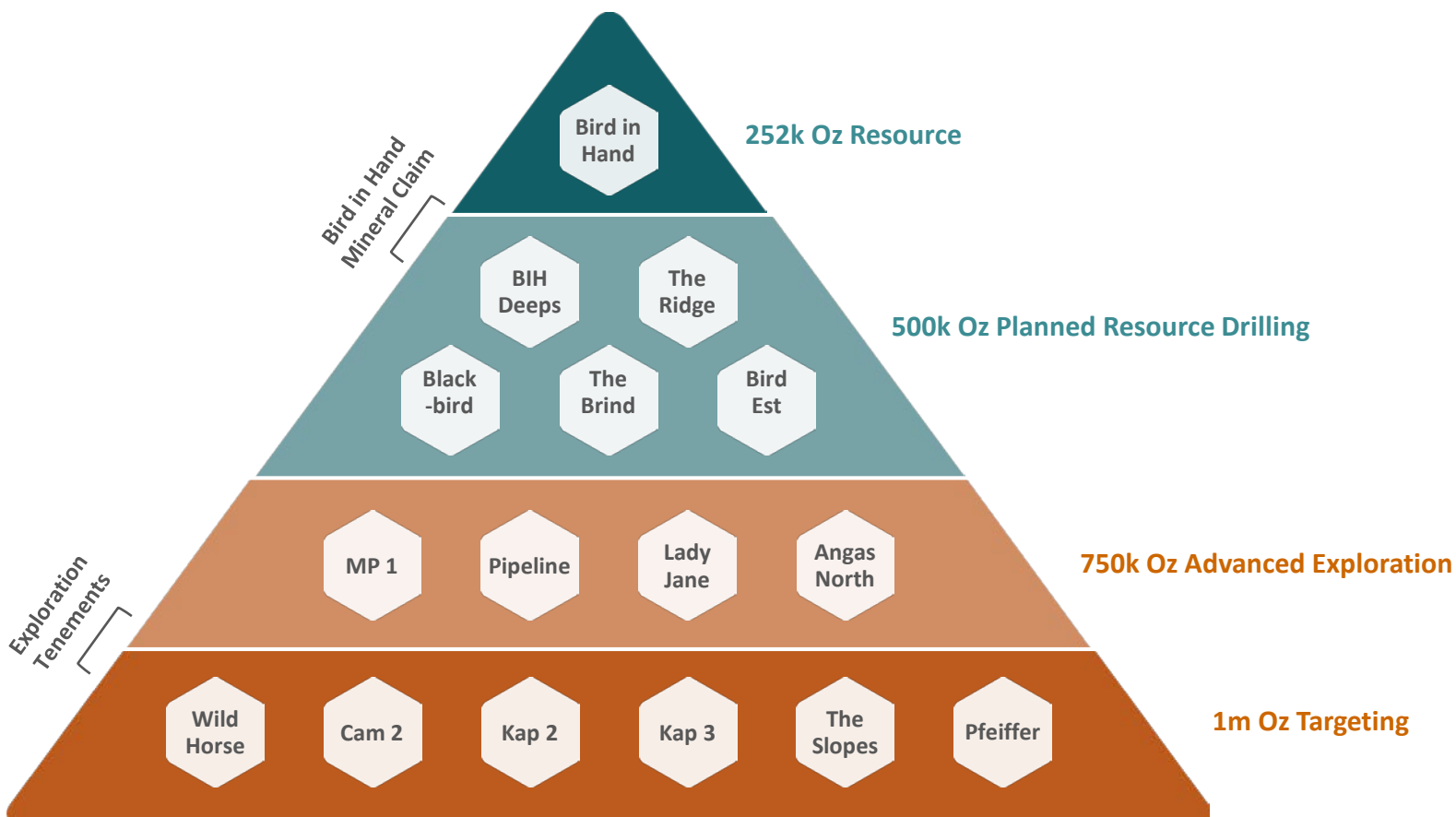


## Angus hub



# Terramin Exploration Pipeline – Pathway 1m Oz

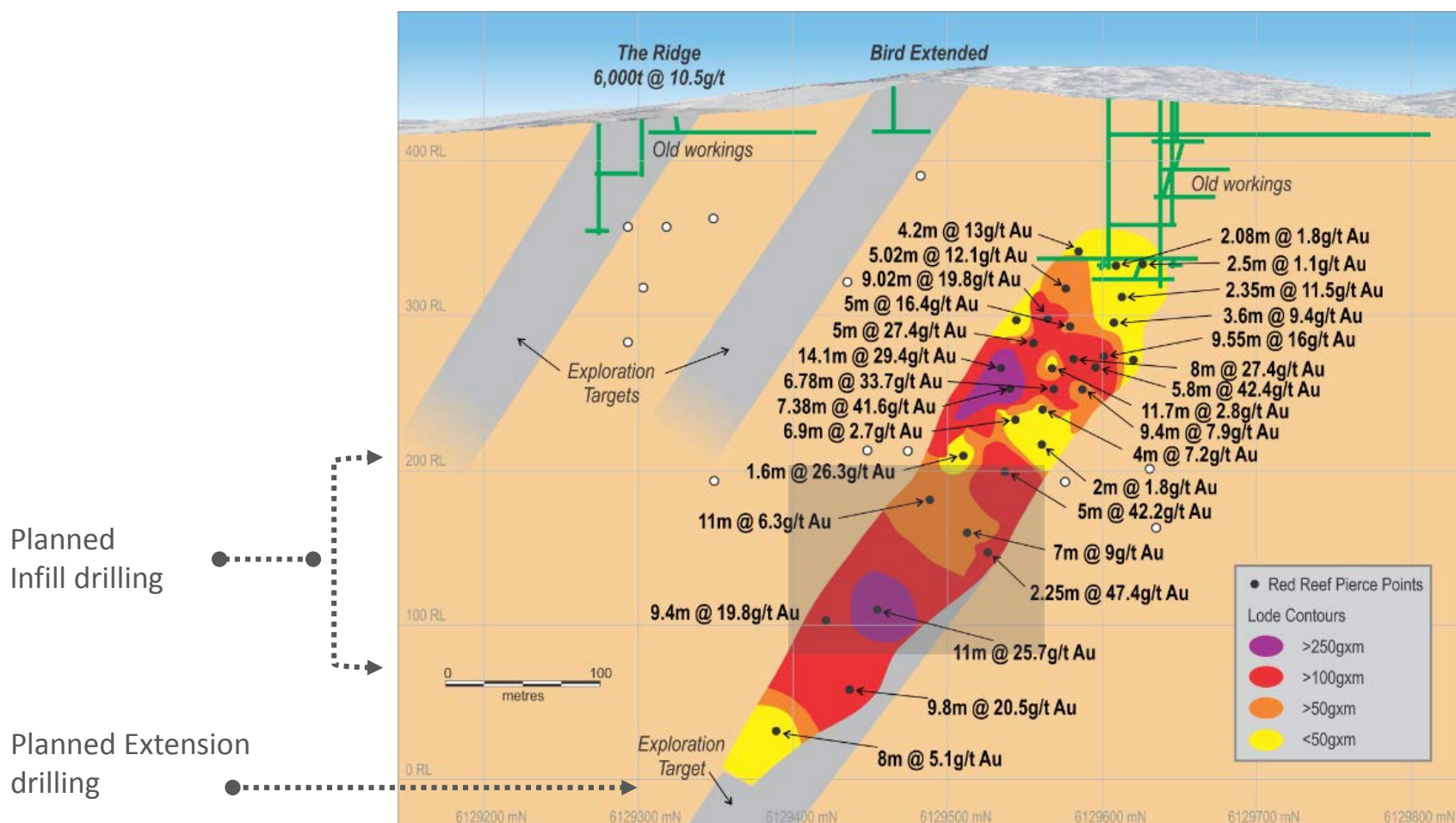
Terramin has a pipeline of high grade potential gold targets that will form the basis of its aspirational target of 1m Oz in resource from existing tenements and potential acquisitions.





# Bird-in-Hand – Exploration Upside

Bird in Hand Gold Project has significant exploration upside – deposit open at depth and historic mines highlight the potential along strike. Current Bird in Hand Resource stands at 252,000 ounces.





# Terramin Exploration – The Slopes

The Slopes had historical production of 4,000 oz of alluvial gold, several hard rock mines in the area produced in excess of 31.1g/t ounce. No drilling performed over this ground.

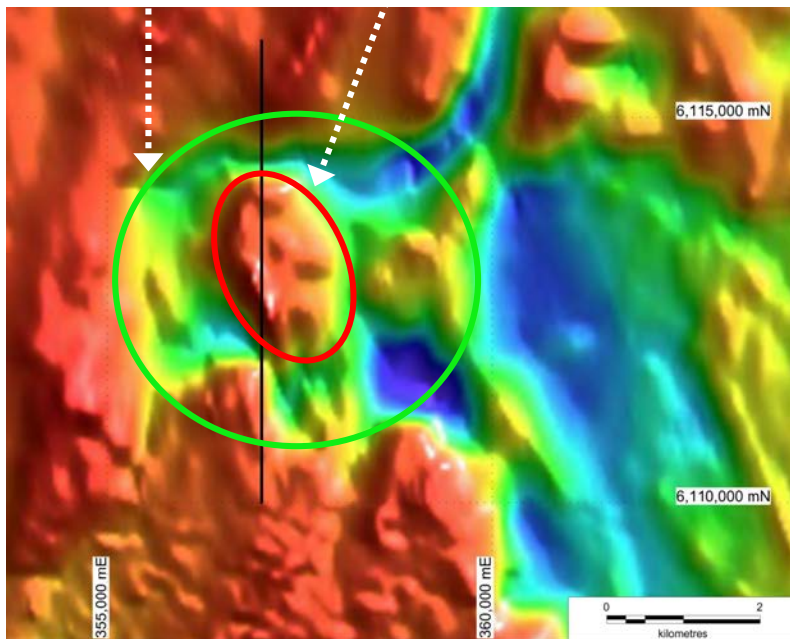


# Terramin Exploration – Wild Horse

Terramin has a longer term pipeline of larger targets such as Wild Horse which represents a potential porphyry gold-copper system which we plan to test in 2019.

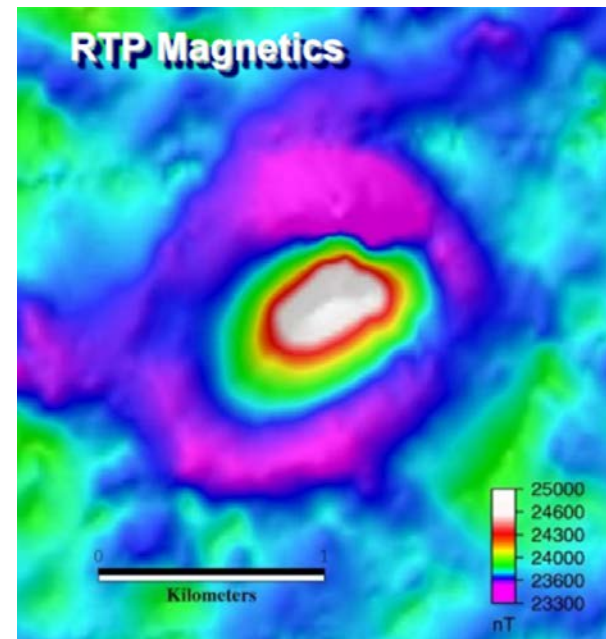
Quartz-Sericite-Pyrite?

Potassic Zone?



## Wild Horse – Terramin

Wild Horse aerial magnetic feature exhibits the classic ring zonation of a Western Pacific porphyry deposit

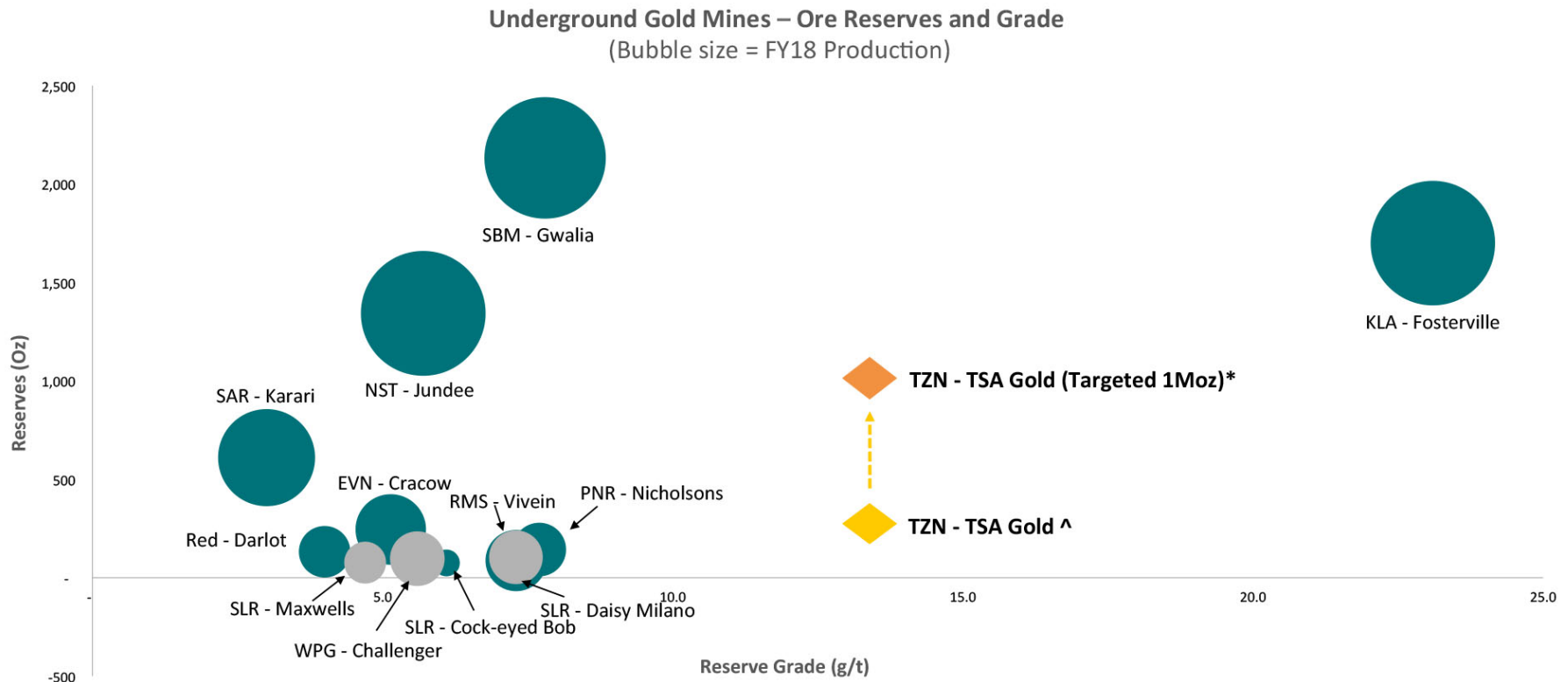


## Alumbrera – Argentina

The pre-mining measured resource was:  
695 Mt @ 0.51% Cu, 0.66 g/t Au, with a high grade core of 118 Mt @ 0.64% Cu, 0.92 g/t Au

# Terramin Strategy – Gold Peers

Terramin's gold strategy will focus on leveraging the high number of historic gold mines in South Australia. High grade potential compares favourably with peer projects:

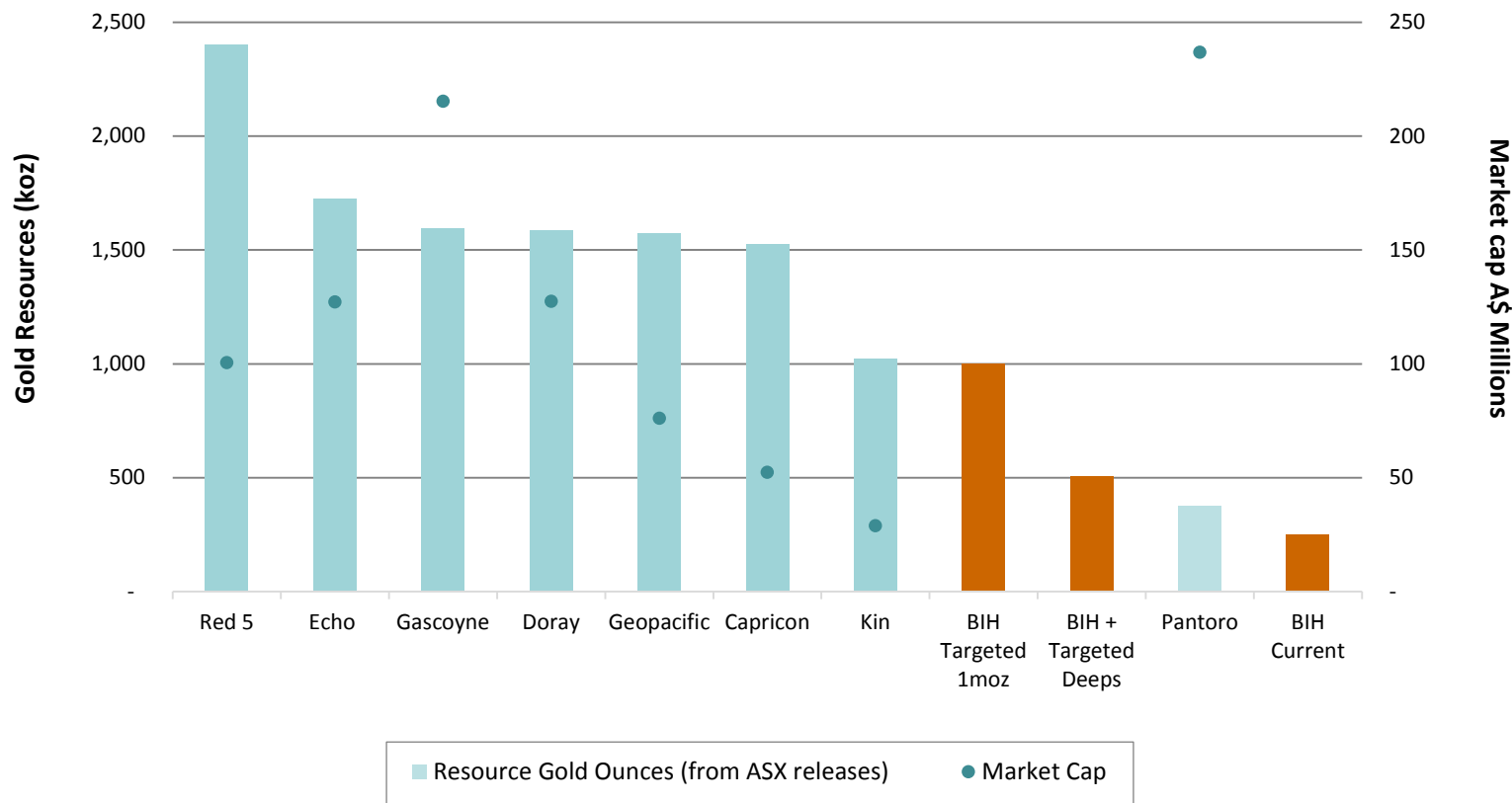


**Key** ^ Represents current Bird in Hand Mineral Resource of 252koz at 13.3g/t  
 \* Represents target of 1Moz using same grade applicable to existing resource  
 Bubble size represents 2018 actual production ounces  
 TZN gold diamond represents existing resource. TZN orange diamond represents targeted 1Moz  
 Reserve Information sourced from most recent ASX releases

# Terramin Strategy – Gold Peers

Gold valuations for peers have found strong market support and a demerged Terramin South Australia Gold would be a significant gold company in its own right.

## Contained Gold Oz v Market Cap



# Why Gold? Why Now

Gold has maintained historically elevated prices in recent years providing considerable upside potential for a demerged entity.

Gold Price (AUD)





# Project Benefits

## Low Capex

- Low pre-production capital cost
- Existing processing plant with licensed tailings storage facility
- Existing infrastructure corridor



## Low Costs Quartile

- High grade deposit
- Existing skilled workforce in regional South Australia
- Access to reliable energy sources



## Simple Processing

- Tailings storage facility has capacity for current Bird in Hand Resource
- Existing flotation technology with add-on capability
- Option to add gravity circuit for coarse gold



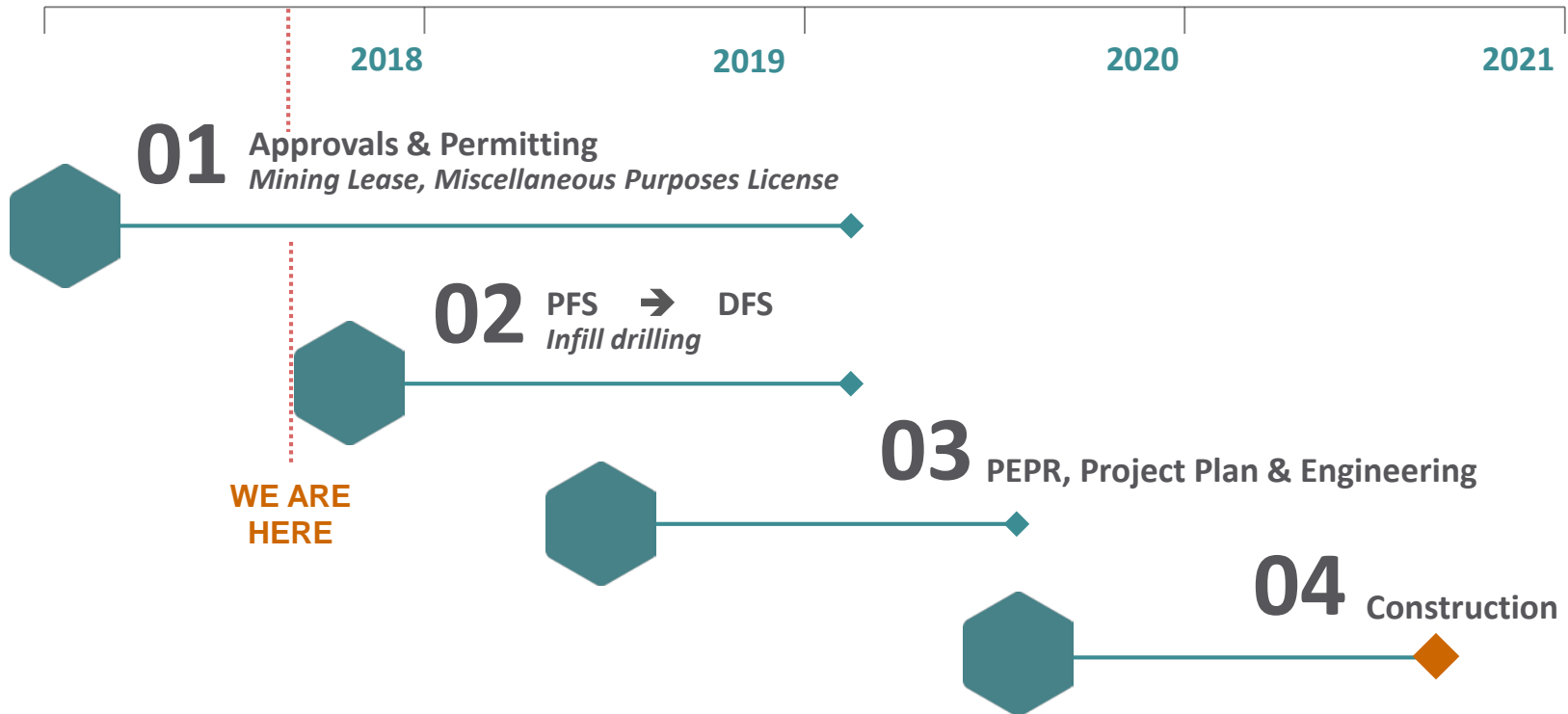
## Exploration

- Bird in Hand is open at depth with opportunity to grow
- Regional opportunities based around central processing hub
- Proximity to workforce, services and infrastructure



# Bird in Hand – Indicative Time Frames

Timeframes are for indicative purposes only. Exact timeframes depend on discussions with regulators and stakeholders and the successful completion of study works.





# Reasons to Invest in Terramin

Terramin is in the right place at the right time and with the right projects and people to capitalise on a strong price environment for its key commodities



## Right Commodity

- Zinc & lead historic high levels
- Gold in AUD at record prices
- Strong long term fundamentals



## Right Assets

- Algeria an emerging mining jurisdiction
- First mover advantage
- Multiple near mine targets
- High grade gold targets
- Low opex



## Right People

- Significant base & precious metals experience
- Long association with the projects
- Strong shareholder support



# Contact Details

For further information please contact:

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# Annex: Gold Resources

2016 Resource Bird in Hand	Indicated Resource			Inferred Resource			Total Resource				
	Tonnes (kt)	Au (g/t)	Ag (g/t)	Tonnes (kt)	Au (g/t)	Ag (g/t)	Tonnes (kt)	Au (g/t)	Au (koz)	Ag (g/t)	Ag (koz)
Bird in Hand	167	16.16	13.5	421	12.23	3	588	13.3	252	6.1	115
Total	167	16.16	13.5	421	12.23	3	588	13.3	252	6.1	115