TERRAMIN AGM 2019

Richard Taylor| CEO

Q2 2019

Forward Looking & Competent Person Statements

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Competent Person Statement

The information in this presentation that relates to Exploration Results and Mineral Resources is based on information compiled by Mr Eric Whittaker and Mr Dan Brost, both are Competent Persons who are Members of The Australasian Institute of Mining and Metallurgy (AusIMM). Mr Whittaker is an employee and Principal Resource Geologist of Terramin Australia Limited. Mr Brost is a consultant retained by Terramin. Mr Whittaker and Mr Brost have 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'. Both consent to the inclusion in the report of the matters based on their information respectively in the form and context in which it appears.

The information in this report that relates to Ore Reserves is based on information compiled or reviewed by Mr Luke Neesham, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy (AusIMM). Mr Neesham is Principal Mining Engineer for GO Mining Pty Ltd a consulting firm engaged by Terramin Australia Limited to prepare mining designs and schedules for the Tala Hamza Feasibility Study. Mr Neesham 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 Neesham consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Aspects of the information used as inputs to or generated as part of the Feasibility Study associated with the Mineral Resources and Ore Reserves Estimates rely upon information prepared by parties other than the Competent Persons and outside of their areas of expertise. The associated documentation has been reviewed and utilised by the Competent Persons in compiling the Mineral Resources and Ore Reserves Estimate and Table 1 commentary.

Corporate Update

Corporate Snapshot - 19 May 2019

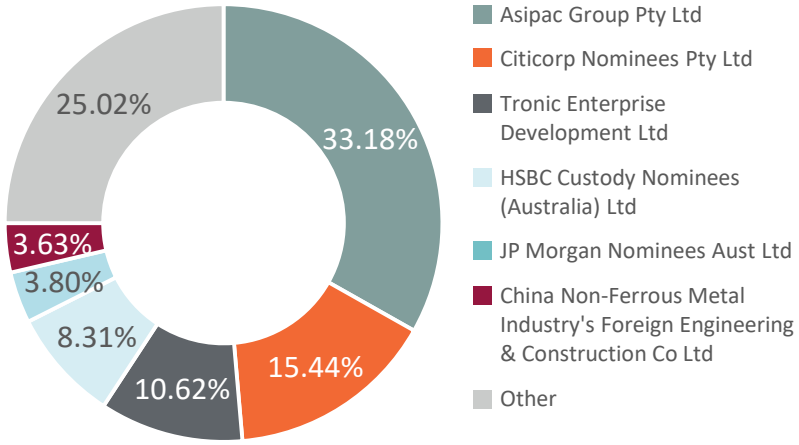
Share on issue	1,869,601,371
Market Cap	$172M @ $0.092/share
Liquidity	12 Month - (0.02%)
Enterprise Value	$193M

Board and Management

Feng Sheng	Executive Chairman
Michael Kennedy	Non-Executive Vice-Chairman
Angelo Siciliano	Non-Executive Director
Kevin McGuinness	Non-Executive Director
Wang Xinyu	Executive Director
Richard Taylor	CEO / Company Secretary
Andre van Driel	Acting CFO

5 Year Share Price Snapshot

Largest Shareholders - 23 May 2019



Highlights & Next Steps

Terramin had a transformational year with the announcement of both the Tala Hamza Definitive Feasibility Study and the updated Bird-in-Hand Scoping Study 2018. With imminent,ML submission 2019 is progressing to plan.

Highlights 2018-2019

- ✓ Tala Hamza DFS released to ASX
- ✓ Tala Hamza initial optimisation results demonstrates promising upside
- ✓ Bird-in-Hand (BIH) Scoping Study 2018 released to the ASX
- ✓ BIH Managed Aquifer Recharge (MAR) test completed with positive results
- ✓ BIH Mining Lease Application completed and due for submission before 30 June
- ✓ Acquisition of Private Mine 53 Kitticoola as a bolt on to BIH
- ✓ Initiated Angas 'Kickstarter Project'
- ✓ Continued support from major shareholder Asipac in 2019
- ✓ Integrated Annual and Sustainability reporting

Next Steps

- Tala Hamza financing discussions and Wilaya (local) approvals
- Complete Angas re-start project evaluation and study work
- Public consultations on the BIH Mining Lease Application (MLA) and Angas Miscellaneous Purpose Lease (MPL)
- BIH Program for Environmental Protection and Rehabilitation (PEPR) development
- Remaining work on the BIH Feasibility Study (metallurgy and processing)
- Farm-out discussions nearing completion on South Gawler tenements
- Financing for early works

Tala Hamza Highlights

High grade & large scale	• Tala Hamza is a high grade zinc and lead operation • Concentrate production will be significant in global terms
Long life	• Tala Hamza has a projected mine life of 21 years • Deposit is open to the south and east with near mine exploration potential
Terramin 65% & control	• Terramin owns 65% of the WMZ joint-venture • Strong joint venture partners in state-owned ENOF and ORGM
Robust economics	• Compelling economics from initial project • Optimisation potential from already identified expansion cases
Strategic advantage	• Located in the heart of the Mediterranean • Close to major infrastructure, including ports, roads and rail

Tala Hamza Overview

Tala Hamza is one of the largest undeveloped zinc & lead mines in the world and an important part of future supply geared towards meeting projected increases in global zinc demand next decade

Overview

- World class resource containing 3.5 million tonnes of zinc and lead.
- Global resource[1] of 53.0 million tonnes at 6.6% zinc plus lead.
- Joint venture with Algerian government owned entity (65% Terramin).
- Infrastructure available including deep water port and international airport.
- Low operating cost due to availability of low cost power and fuel.
- Young educated workforce available.

1. As per Tala Hamza DFS 2018

Mining Method Comparison: Jinchuan Nickel

Jinchuan

- Largest nickel producer in Asia
- 90% of China's domestic nickel production
- 150,000t of refined nickel metal
- Based in Gangsu Province P.R. China
- Commenced production in 1958
- Jinchuan International listed in Hong Kong
- Assets Zambia and DRC
- Centrally owned State Owned Enterprise

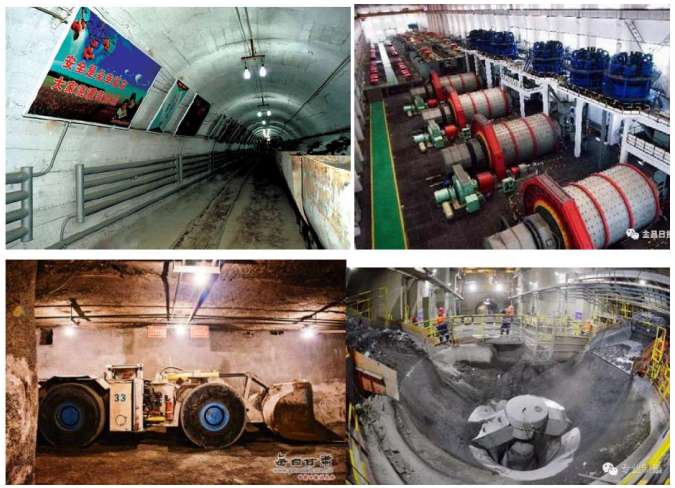
Processing

- Concentrator capacity 29,000t per day
- Standard comminution circuit crush and grind
- Tailings dewatered and used in cement paste backfill
- Jinchuan owned smelter capacity utilised to produce nickel metal from concentrate

Mining Method

- Underhand Drift and Fill (UDF)
- 6.5km along strike and 1km depth
- 6.0Mt contained nickel metal and 3.9Mt copper
- Three open operating areas
- Material mined from No2 Mine 4Mt and from Mines 1&2 a further 1Mt for a combined mine output of 5Mt
- Poor rock quality and highly fractured material was the primary reason for selecting UDF

Jinchuan Visit



Sources: CIA World Factbook, FactSet, Transparency.org

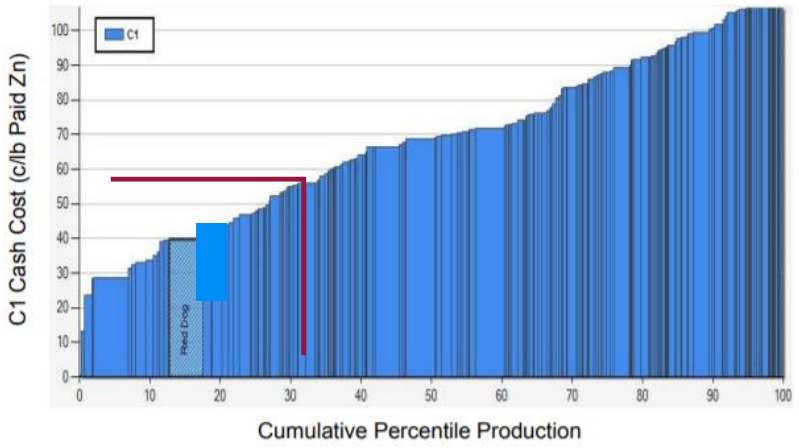
Supportive Economics with competitive cost position

Low pre-production capital and highly competitive operating costs, with optimisation potential from already identified expansion cases

Key financials and outputs – DFS 2018

Key financial metrics	DFS 2018[3]
Commodity Price Metrics	
Zinc price – LOM average	US$1.25/lb - US$1.50/lb
Lead price – LOM average	US$1.05/lb - US$1.11/lb
Cost Metrics	
C1 Operating Costs – LOM average	US$0.53/lb - US$0.55/lb
All-in Sustaining Costs (AISC) – LOM average	US$0.61/lb - US$0.64/lb
Financial Metrics	
Discount rate	8.0%
Start-up-capital cost	**US$341M** (A$449M)
Sustaining capital cost	**US$144M** (A$190M)
NPV_8 Post-tax nominal [1 2]	**US$303M - U$553m** (A$399M - A$728m)
IRR Post-tax nominal (%) [1]	14% - 19%
Free cash flow – Post tax nominal [1]	**US$1.5B - US$2.1B** (A$2.0B - A$2.8B)
Payback Period	7 years - 9 years

2nd Quartile cost curve position[(4)]

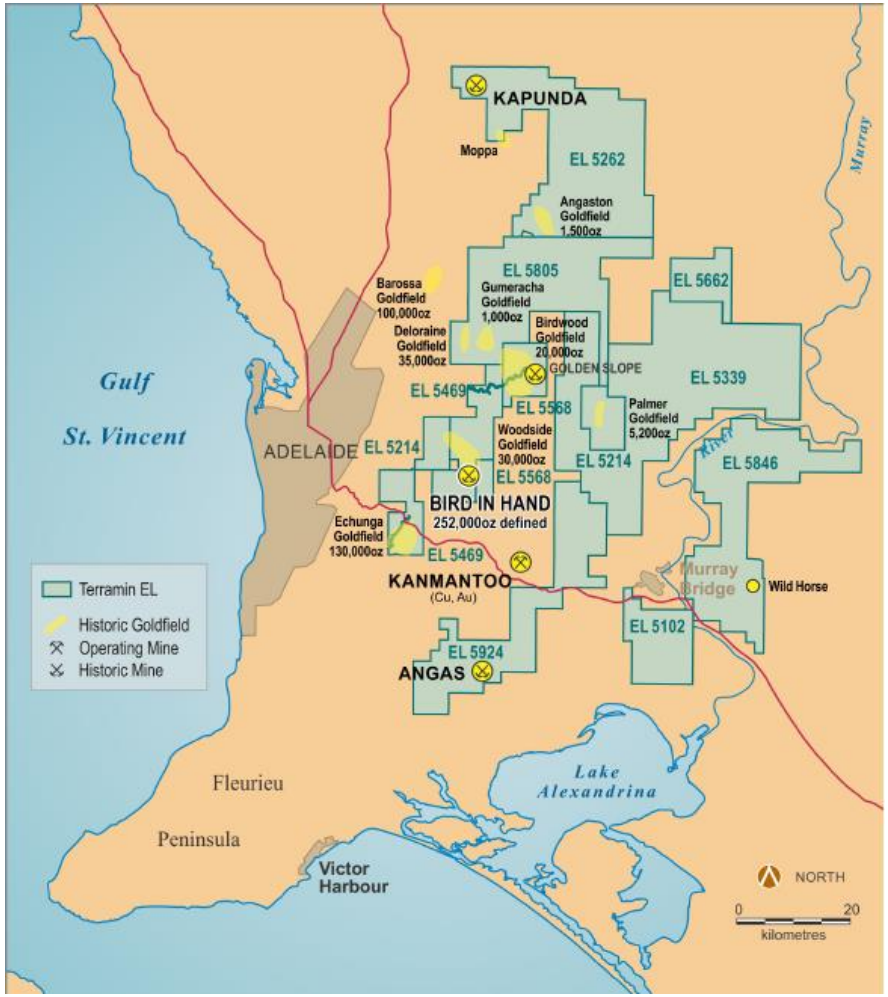


Notes: (1) NPV and IRR assume a 2 year pre-production capital work program; (2) NPV is pre-financing; (3) DFS 2018 financial numbers are in real terms unless otherwise noted and ranges reflect Base Case and High Case from Tala Hamza Investor Presentation 30 August 2018; (4) cost curve per Teck Investor Presentation 26 February 2018

Terramin South Australia Gold

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 eight operational or approved mines including Olympic Dam - the 4th largest gold resource in the world
- 27.5% of Australia's economic demonstrated gold resources[1]
- 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"



Note: (1) SA Government Presentation 2016 citing Geoscience Australia 2014/2015

Angas Zinc Re-Start Potential: Studies Underway

Terramin operated the Angas Zinc Mine at Strathalbyn from 2009-2013. Angas closed at the low point in the zinc commodity price cycle. A study now focusses on incorporating up to one year's production from Angas onto BIH

Re-Start Study

- Early cashflows
- Mobilisation of equipment and project teams
- Refurbishment of plant ahead of BIH feed
- Permitting and approvals
- Community engagement
- Hydrostor refurbishment of underground access

Robust economics – Scoping Study 2018

Positioned to deliver outstanding returns for investors

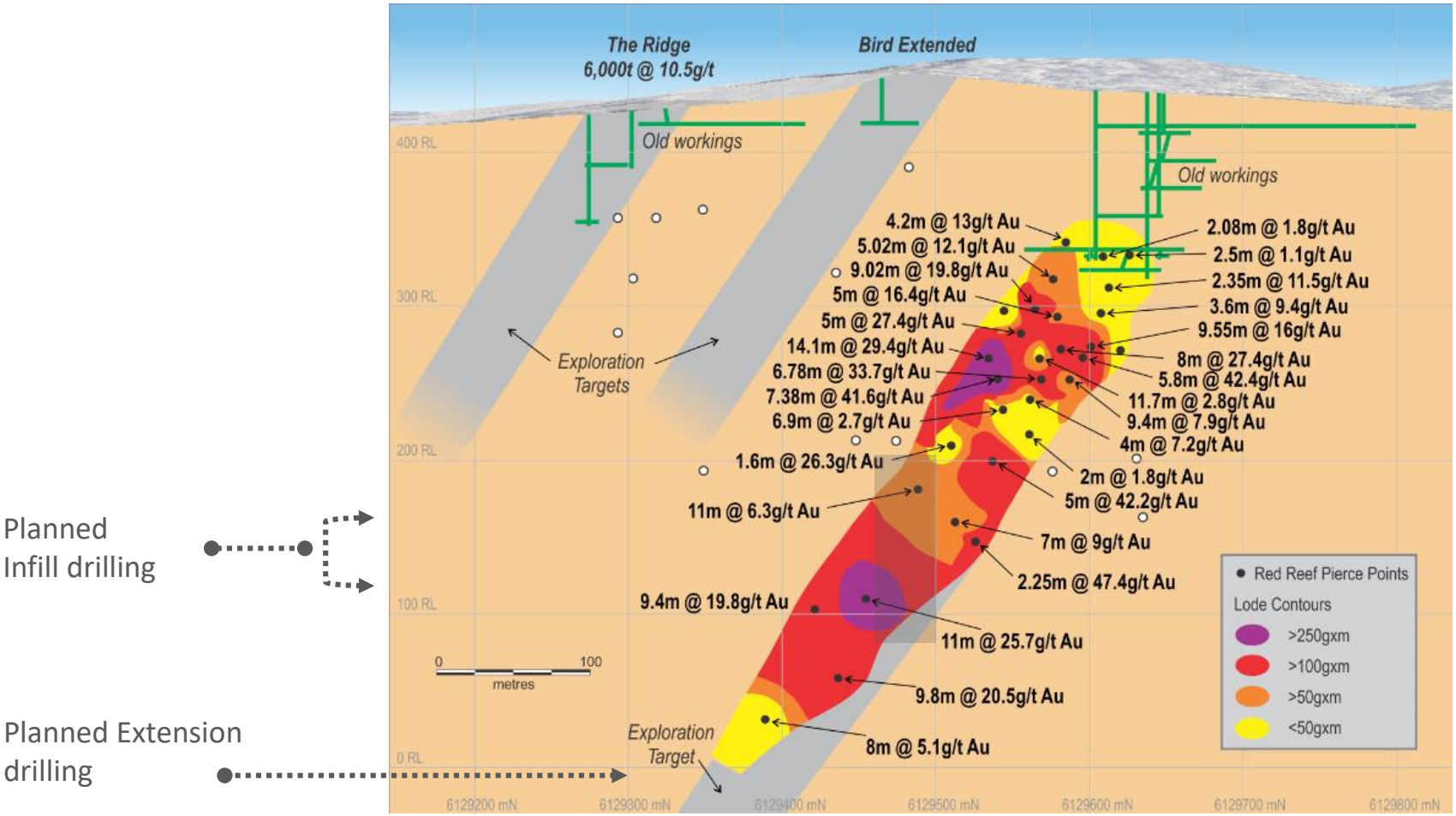
Key financial metrics	Scoping Study 2018
Commodity Price Metrics[1]	
Gold price – LOM average	US$1,225/oz (A$1,700/oz)
Silver price – LOM average	US$15.5/oz (A$21.5/oz)
Schedule production	
Processed materials	595kt at 11g/t Au and 5g/t Ag
Annual production – LOM average[2]	46,000 oz Au and 21,500 oz Ag
Cost Metrics	
C1 Operating Costs – LOM average	A$629/oz
All-in Sustaining Costs (AISC) – LOM average	A$841/oz
Financial Metrics	
Discount rate	8.0%
Start-up-capital cost[3]	**A$34M**
Sustaining capital cost	A$32M
NPV_8 Post-tax nominal[4]	A$101M
IRR Post-tax nominal (%) [4]	96%
Free cash flow – Post tax nominal	A$135M
Payback Period	1 year

- ✓ **Low costs, strong margin:** All in sustaining costs of approximately A$840/oz, positions the project in 1st quartile of the cost curve
- ✓ **Significant return**: post-tax nominal IRR of 96%
- ✓ **Low restart capex and short payback**: Pre-production capital of A$34m, with a 1 year payback
- ✓ **Existing infrastructure** – processing plant and associated infrastructure in place at the 100% owned Angas Zinc Mine
- ✓ **High grade resource with growth potential** – initial 5 year mine life, with potential to increase mine life through development and resource expansion

Notes: (1) Commodity price assumption is based on current spot prices US$1,225/oz. Exchange rate assumption is AUD/USD FX 0.72 (2) Schedule Production, Mining Rate and Concentrate Grade represent the average values following initial operational ramp up period (approx. 1 year) (3) Start-up Capital Costs represents pre-production capital requirements exclusive of working capital and sustaining capital (4) NPV has been discounted using a discount rate of 8% and is a post-tax nominal calculation. NPV and IRR are discounted from ramp up of start-up capital

Bird-in-Hand 100% Terramin Owned

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 265,000 ounces.



Planned Infill drilling

Planned Extension drilling

Stakeholder Engagement

Terramin has changed its proposed project considerably to address issues raised by stakeholders. The project has a small footprint, is on Terramin owned land and largely hidden from view

Project changes

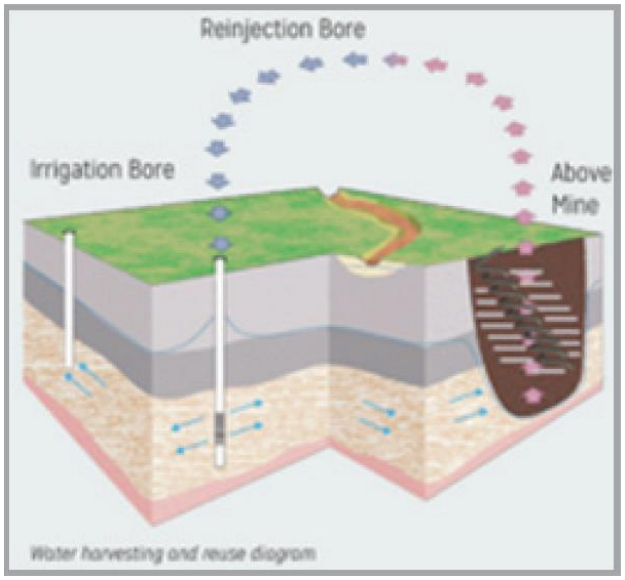
- Designed the site with landscape architects to fit the project within the local landscape
- Moved infrastructure to ensure only water dams and reforested bunds are visible
- Operated activities such as drilling only in daylight hours and reduced surface activity
- Developed a full hydrogeological model for the area and surveyed all accessible bores
- Purchased 40 hectares of rural property and situated the property within a buffer zone
- Planted 40,000+ trees and created nature corridors for local wildlife
- Minimised traffic through transport selection to fit in with existing road use. Limited truck movements to 12 per day and selected roads to avoid built up areas

Water Management

Terramin has completed its Managed Aquifer Recharge (MAR) trial which demonstrated the aquifer is suitable to accept reinjection of water inflows expected during mining

Initial Water Results

- Aquifer performed according to the model that has been developed over the past 5 years
- Pressure grouting is expected to reduce predicted water inflows by 90% and the water system has been designed to a lower bound of 70% effectiveness
- Peak water flows expected with 90% effectiveness is estimated to be 5 L/s (Litres per second) at 70% effectiveness this would increase to 15 L/s
- BHRIB01 alone maintained reinjection at 13 L/s during the trial
- Mining Lease proposal includes up to 8 reinjection sites to allow spare capacity, allow for bore maintenance and to distribute the water evenly
- Data is being reviewed by Golder and final results are expected next month, followed by a peer review



Terramin Sustainability

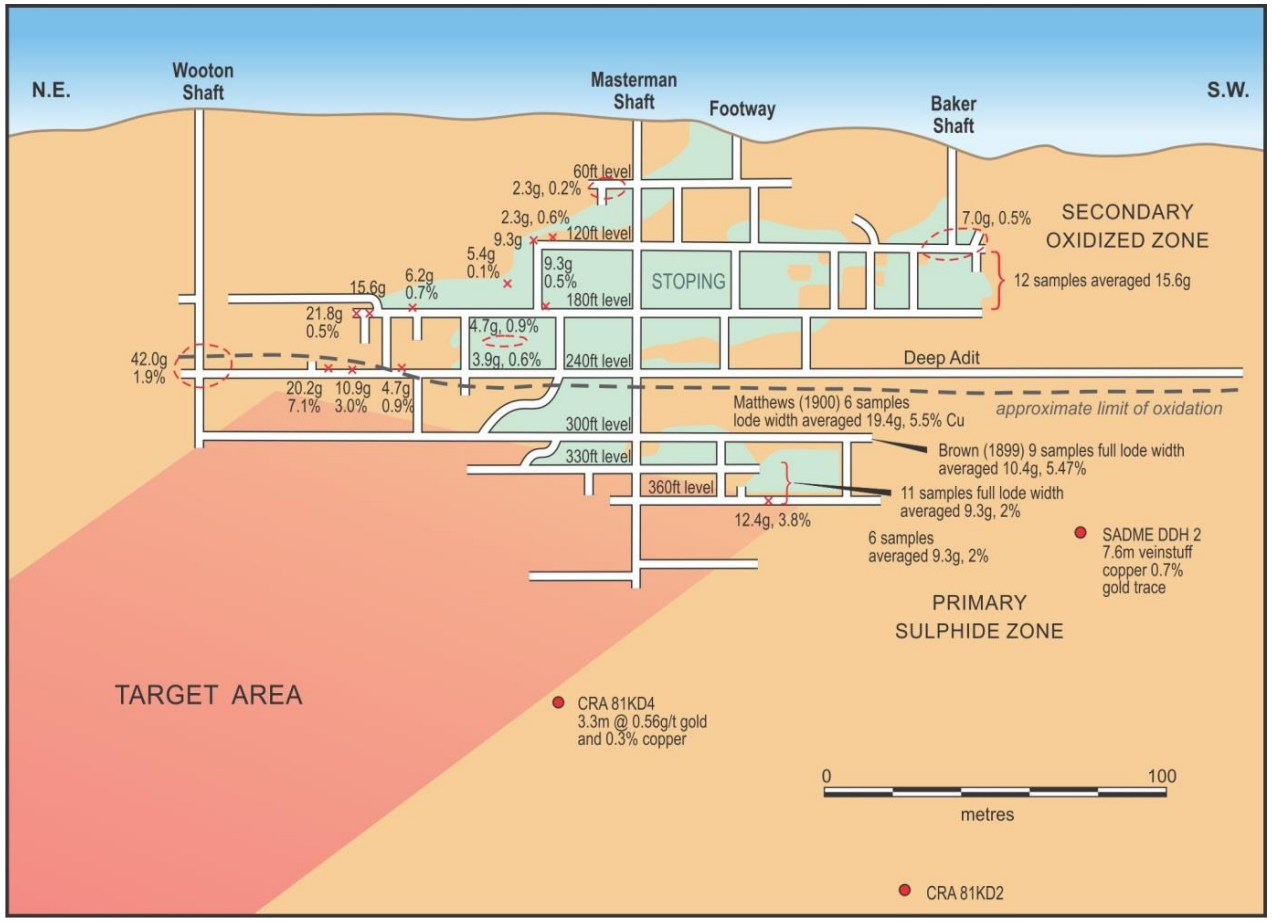
A core value of Terramin is Safety and Sustainability, particularly acting in a manner that both complies and exceeds regulatory, safety and environmental standards.

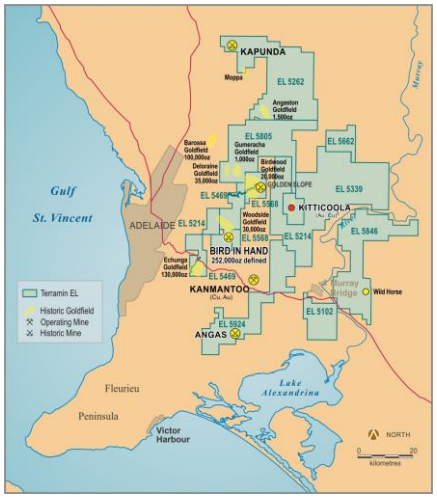
Sustainability Program

- 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
- Ensure 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

Kitticoola High Grade Gold-Copper Joint Venture

Terramin entered into an agreement to acquire rights in the historic Kitticoola Private Mine PM53 in January 2019. EPEPR (environmental approvals) awaiting SA Department for Energy & Mines Approval. Close to Bird-in-Hand and short haul to Angas' processing hub

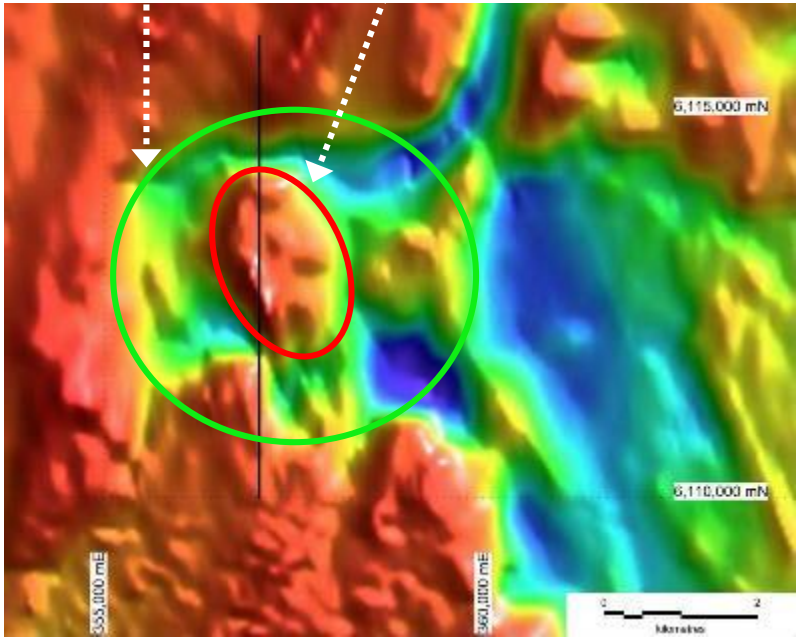




Terramin Exploration – Wild Horse

Terramin Wild Horse which represents a potential porphyry gold-copper system which we plan to test in 2019. Commonwealth Department of Defence approved Deed of Access in March 2019.

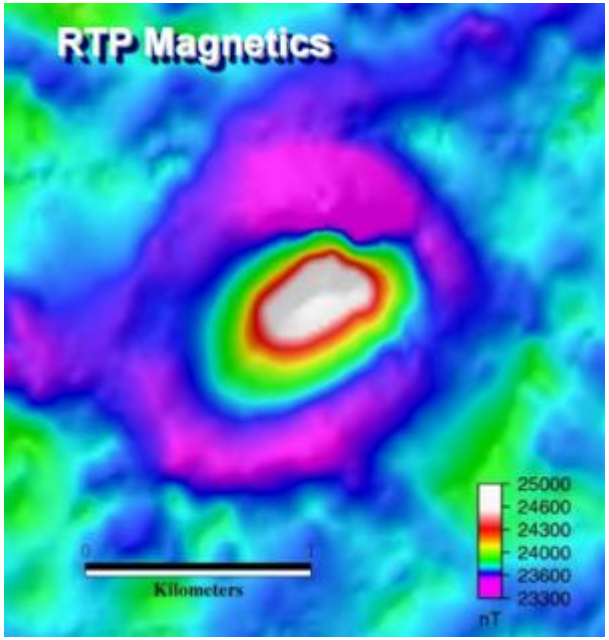
Quartz-Sericite-Pyrite? Potassic Zone?



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

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 strong price performance
- 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: Tala Hamza Resources & Reserves

Tala Hamza Resource

2009 Resource Tala Hamza	Terramin Interest (%)	Measured + Indicated Resource			Inferred Resource			Total Resource		
		Tonnes (Mt)	Zn (%)	Pb (%)	Tonnes (Mt)	Zn (%)	Pb (%)	Tonnes (Mt)	Zn (%)	Pb (%)
Tala Hamza	-	51.1	4.87	1.27	17.5	3.7	0.6	68.6	4.6	1.1
Total	-	**51.1**	**4.87**	**1.27**	**17.5**	**3.7**	**0.6**	**68.6**	**4.6**	**1.1**
Terramin Share	**65%**	**33.2**	**4.87**	**1.27**	**11.4**	**3.7**	**0.6**	**44.6**	**4.6**	**1.1**

1 November 2009 Tala Hamza Resource was prepared and reported in accordance with the Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves, December 2004 (JORC Code 2004).
2 Resource Estimate assumed the bulk mining method of block caving.
3 Resource classification; Measured - drill spacing < 50 m, Indicated - drill spacing 50 to 75 m, Inferred – drill spacing +75m.
4 Estimated at a nominal 2.5% ZnEq cut-off for the Measured and Indicated Resources with internal waste included (~approximately 8Mt @ 1.9% Zn + Pb).
5 Zinc Equivalence formula %ZnEq = %Zn + 0.59 x %Pb.
6 Inferred Resource is at a 2.5% zinc equivalent cut-off within the 1% lead + zinc outline.
7 The 2009 Resource was inclusive of Reserves

2018 Resource Tala Hamza	Terramin Interest (%)	Indicated Resource			Inferred Resource			Total Resource		
		Tonnes (Mt)	Zn (%)	Pb (%)	Tonnes (Mt)	Zn (%)	Pb (%)	Tonnes (Mt)	Zn (%)	Pb (%)
Tala Hamza	-	44.2	5.54	1.44	8.9	4.0	0.7	53.0	5.3	1.3
Total	-	**44.2**	**5.54**	**1.44**	**8.9**	**4.0**	**0.7**	**53.0**	**5.3**	**1.3**
Terramin Share	**65%**	**28.7**	**5.54**	**1.44**	**5.8**	**4.0**	**0.7**	**34.5**	**5.3**	**1.3**

1 January 2018 Tala Hamza Resource Estimate prepared and reported in accordance with the Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves, December 2012 (JORC Code 2012).
2 Resource Estimate assumes the selective mining method of Underhand Drift and Fill.
3 Resource classification; Indicated - drill spacing <75 m, Inferred – drill spacing +75m.
4 Zinc Equivalence formula %ZnEq = %Zn% + %0.856 Pb.
5 Estimated at a 3.0% ZnEq cut off within the 1% lead + zinc outline.
6 The 2018 Resource is inclusive of Reserves

Annex: Tala Hamza Resources & Reserves

Tala Hamza Resource

2010 Reserve Tala Hamza	Terramin Interest (%)	Probable Reserve			Total Reserve		
		Tonnes (Mt)	Zn (%)	Pb (%)	Tonnes (Mt)	Zn (%)	Pb (%)
Tala Hamza	-	38.10	4.78	1.36	38.10	4.78	1.36
Total	-	**38.10**	**4.78**	**1.36**	**38.10**	**4.78**	**1.36**
Terramin Share	**65%**	**24.80**	**4.78**	**1.36**	**24.80**	**4.78**	**1.36**

1 2010 Ore Reserves reported under JORC-2004

2 Reserves estimated based on Block Caving Mining Method

3 Total extraction included 46.8Mt, less 6.9Mt waste material separated and 1.8Mt Inferred or unclassified material

4 Cut-off grade was 2.5% ZnEq

2018 Reserve Tala Hamza	Terramin Interest (%)	Proved Reserves			Probable Reserves			Total Reserves		
		Tonnes (Mt)	Zn (%)	Pb (%)	Tonnes (Mt)	Zn (%)	Pb (%)	Tonnes (Mt)	Zn (%)	Pb (%)
Tala Hamza	-	-	-	-	25.9	6.3	1.8	25.9	6.3	1.8
Total	-	**-**	**-**	**-**	**25.9**	**6.3**	**1.8**	**25.9**	**6.3**	**1.8**
Terramin Share	**65%**	**-**	**-**	**-**	**16.8**	**6.3**	**1.8**	**16.8**	**6.3**	**1.8**

1 2018 Ore Reserves Estimate is reported in accordance with JORC-2012

2 Designs and schedules use the Underhand Drift and Fill method

3 Project cut-off grade is 4.5% Pb+Zn (approx. 4.4% ZnEq)

Annex: Gold, Lead & Zinc Resources

Bird-In-Hand Resource

2018 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	432	14.4	7.56	220	9.2	2.4	650	12.6	265	5.8	122
Total	**432**	**14.4**	**7.56**	**220**	**9.2**	**2.4**	**650**	**12.6**	**265**	**5.8**	**122**

1 BIH Resource as at October 2018.

Angas and Sunter Resource

2018 Resource	Indicated Resource						Inferred Resource						Total Resource					
	Tonn-es (Mt)	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)	Tonn-es (Mt)	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)	Tonn-es (Mt)	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Tonn-es (Mt)
Angas[1, 2]	0.66	4.68	1.81	0.14	19	0.35	0.25	2.8	1.3	0.1	18	0.3	0.91	4.2	1.7	0.1	19	0.3
Sunter[1, 3]	0.13	5.7	2.31		21		0.24	2.9	1.2		13		0.38	3.8	1.6		15	
Total	**0.79**	**5.2**	**1.45**	**0.12**	**19**	**0.29**	**0.49**	**3.46**	**1.77**	**0.05**	**16**	**0.15**	**1.29**	**4.87**	**1.54**	**0.07**	**18**	**0.21**

1 Resources for Angas and Sunter (JORC 2004) are estimated at a cut off of 2% Pb+Zn.

2 Angas Resources as at 1 Jan 2013. Resources exclude oxide and transitional material.

3 Sunter Resources as at 29 November 2011. Resources exclude oxide and transitional material.