



# E2 Metals

FOCUSED ON GOLD IN AUSTRALIA AND NEW ZEALAND

Q2 2017



## DISCLAIMER

### PURPOSE

This information presentation contains information which has been extracted from the Replacement Prospectus prepared by E2 Metals Limited (**Company**) and lodged 23 February 2017. It does not constitute an offer or invitation to any person to subscribe for shares in the Company. Shares may only be subscribed for pursuant to the application form contained in the Replacement Prospectus, which is available to view at <http://e2metals.com.au> and [www.asx.com.au](http://www.asx.com.au). A person contemplating subscribing for or buying shares in the Company should consider the Replacement Prospectus in deciding whether to acquire the shares.

The Company is not aware of any information or new circumstance that has arisen since the Replacement Prospectus was lodged on 23 February 2017 that is materially adverse from the point of view of an investor and which would have been required to be disclosed in the Replacement Prospectus.

### COMPETENT PERSON STATEMENT

The Company confirms that the form and context in which the Competent Person's findings are presented in this information presentation have not been materially modified from the Replacement Prospectus.

*The information in this document that relates to Exploration Results is based on information compiled or reviewed by Mr Chris Spurway, who is a Fellow of The Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists. Mr Spurway is a director of E2 Metals Ltd. Mr Spurway has sufficient experience which is relevant to the styles of mineralisation 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 Spurway consents to the inclusion in the document of the matters based on his information in the form and context in which it appears.*

The information in this presentation that relates to the estimation and reporting of the Neavesville Mineral Resource is extracted from the Independent Geologist's Reports included in the Replacement Prospectus. The Company confirms that it is not aware of any new information or data that materially affects the information included in the Independent Geologists Report included in the Prospectus and that all material assumptions and technical parameters underpinning the Mineral Resource estimate in the Independent Geologists Report included in the Replacement Prospectus continue to apply and have not materially changed.

## SUMMARY

- 2 Strategic Gold Assets
- Projects are located in known mineral provinces, with excellent prospectivity,
- Well funded for extensive drilling programs
- Advanced gold projects with > 12000 m drilling to date
- Existing Mineral Resource at Neavesville
  - compliant with JORC 2012
- Exploration Upside – numerous exploration targets
- Resources remain open

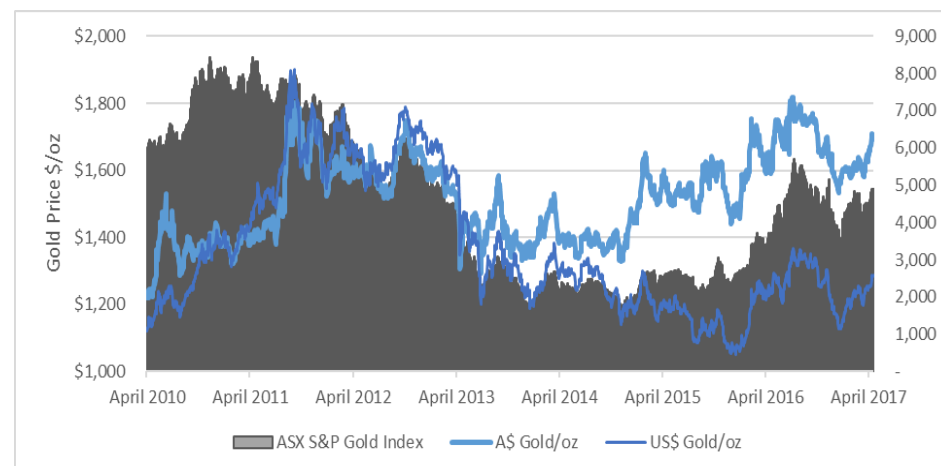


***Aiming to define high grade gold deposits which become high margin mining operations***

# CORPORATE OVERVIEW

## Capitalisation

Shares on Issue	60,707,938
Market Capitalisation @ 20cps	\$12,141,587
Options Unlisted	11,612,237
Management Performance Rights	2,250,000
Debt	Nil



## Board & Management

Melanie Leydin	Chairperson
Simon Peters	Managing Director
Chris Spurway	Non Executive Director
Justin Mouchacca	Company Secretary

## Shareholding

Mrs Dominique Stewart	5.6%
JA Rogers	4.9%
The Trust Company Ltd	4.9%
Capri Trading Pty Ltd	4.74%
Lido Trading Ltd	2.88%

# **MT HOPE GOLD-COPPER PROJECT**

# MT HOPE GOLD-COPPER PROJECT: COBAR BASIN (NSW)

## PROSPECTS

The Mount Hope project contains four prospects striking North – South including Mt Solitary, Little Mt Solitary, Powerline Hill and Mt Solar

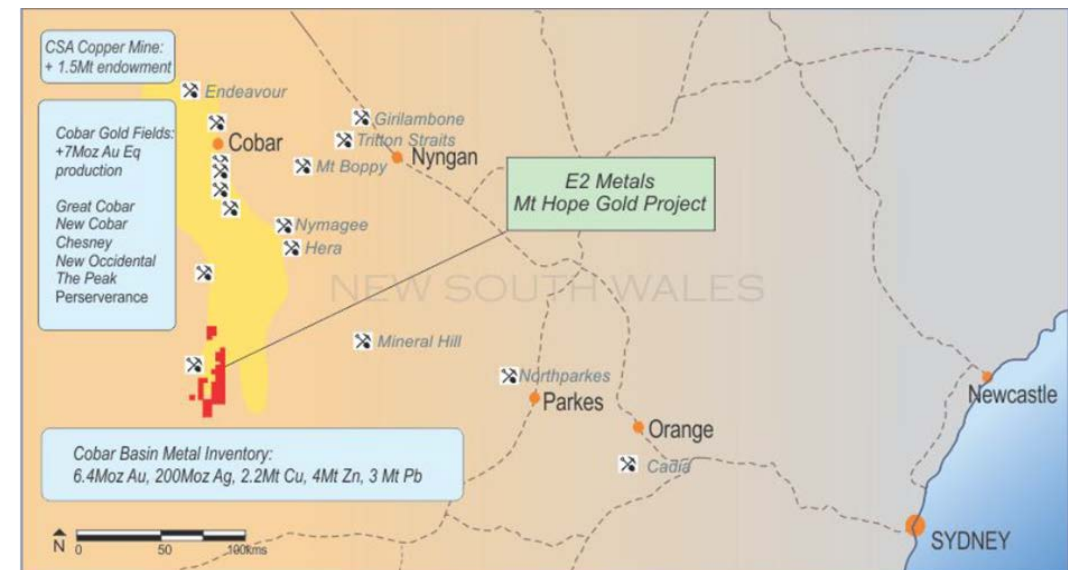
- Cobar type deposits – typically extend to depth
- Mt Solitary – shear hosted gold mineralisation from surface to 220m vertical depth

## ORE ZONES REMAIN OPEN AND NOT FULLY TESTED

- Last drilled 2013 with further positive results with intersections of mineralisation at depth

## IN GOOD COMPANY

- Peel Mining (ASX:PEX) JV with JOGMEC - Cobar Superbasin Project
- Aurelia Metals Ltd (ASX:AMI) - Hera Mine
- CBH Resources now Toho Zinc Co Ltd (TYO:5707) - Endeavor Mine
- Newgold Inc (TSX:NGD) - Peak Mine
- Glencore PLC (LSE:GLEN) - CSA Mine



E2 MT HOPE PROJECTS, COBAR NSW

# MT HOPE GOLD-COPPER PROJECT: COBAR BASIN (NSW)

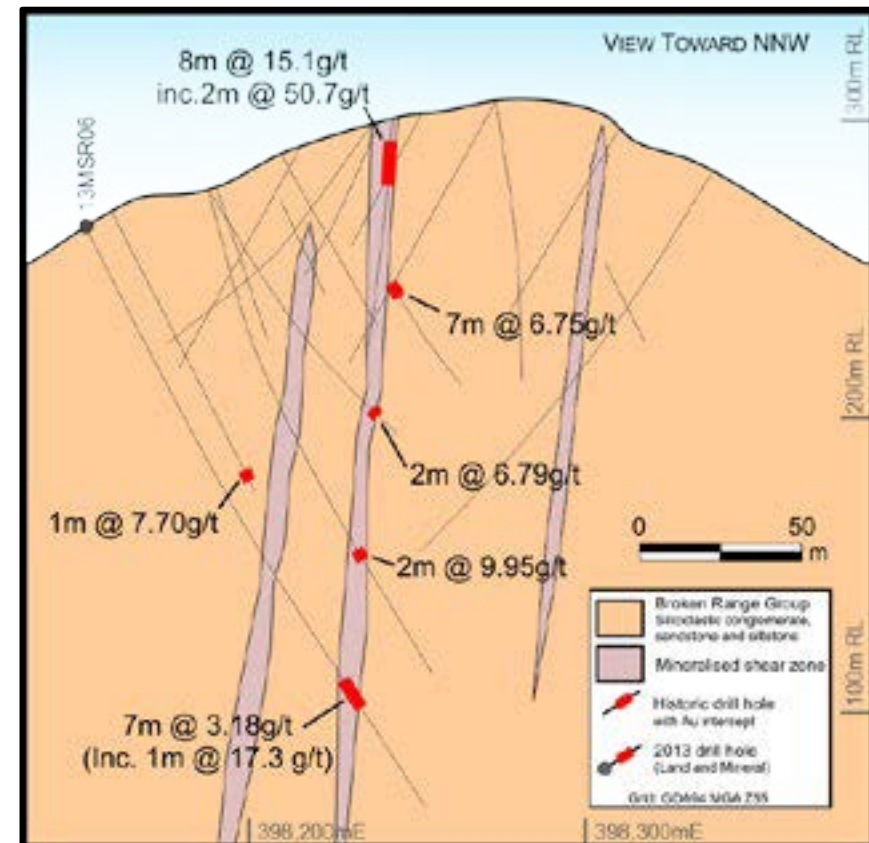
- Drilling at Mt Hope indicates a large system with typical Cobar Style characteristics; high grade systems that extend to depth
- Analogous to other gold deposits in Cobar Basin being mined to vertical depths up to ~ 1km
- Deepest drilling (~300m vertical depth) at Mt Solitary
- Mineralisation remains open at depth



E2 DRILLING AT MT SOLITARY – 2013

# MT HOPE GOLD-COPPER PROJECT: COBAR BASIN (NSW)

- 6000m Percussion, RC and Diamond drilling undertaken
- Working towards a maiden JORC resource.
- 2013 drilling by E2 proved extension at depth via 13MSR06
- Copper-Gold mineralisation defined at shallow depth
- Extensions remain to be tested
- Over 6kms of strike to be fully explored



MT SOLITARY DRILL SECTION – 13MSR06 - SHOWING INTERPRETED ZONES OF GOLD MINERALISATION

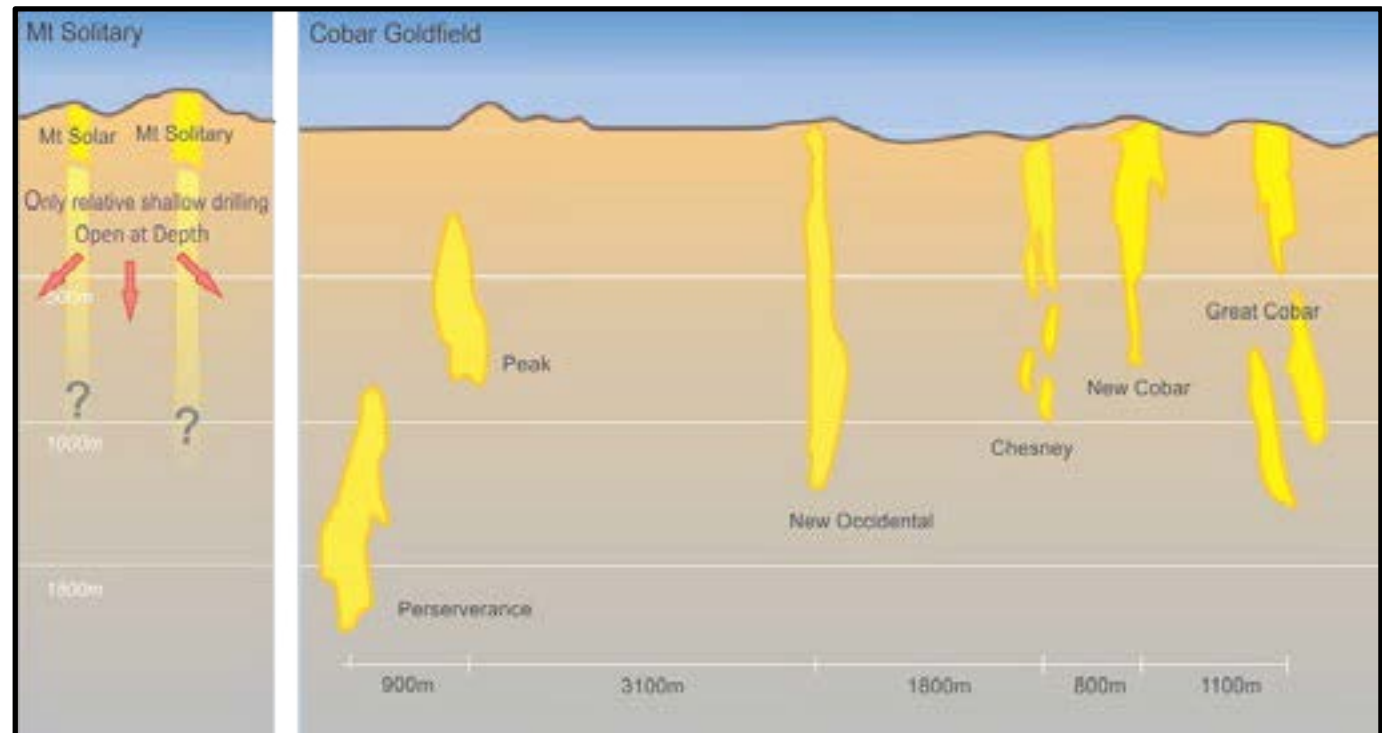


# COBAR GOLD FIELDS: LARGE, LONG LIFE PRODUCERS

## COBAR GOLDFIELD

Large Mines, Large Life,  
Sustainable Replacement  
Reserves

- Newgold – Peak Mine occupies a 10 km section of a fault system;
- Steeply dipping lodes short strike lengths long vertical dimensions
- Operation commenced 1991, sustained exploration has enabled it to replace mined reserves for the past 25 years



MT SOLITARY COMPARISON – OPEN AT DEPTH TO SOUTH

**NEAVESVILLE**  
**Low Sulphidation Epithermal AU-AG**  
**PROJECT**

# NEAVESVILLE AU-AG PROJECT: COROMANDEL NZ

## GOLD MINING DISTRICT

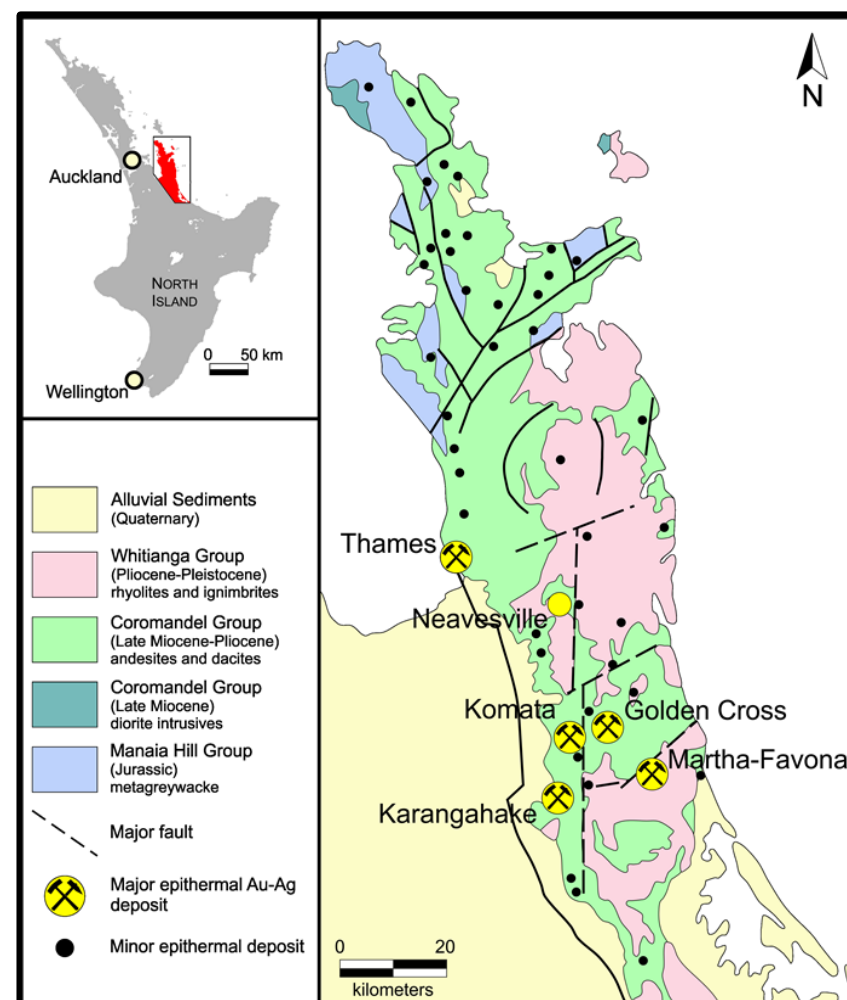
The Hauraki Goldfield has produced >10Moz of gold from the 1800's to present.

### WAIHI MINE

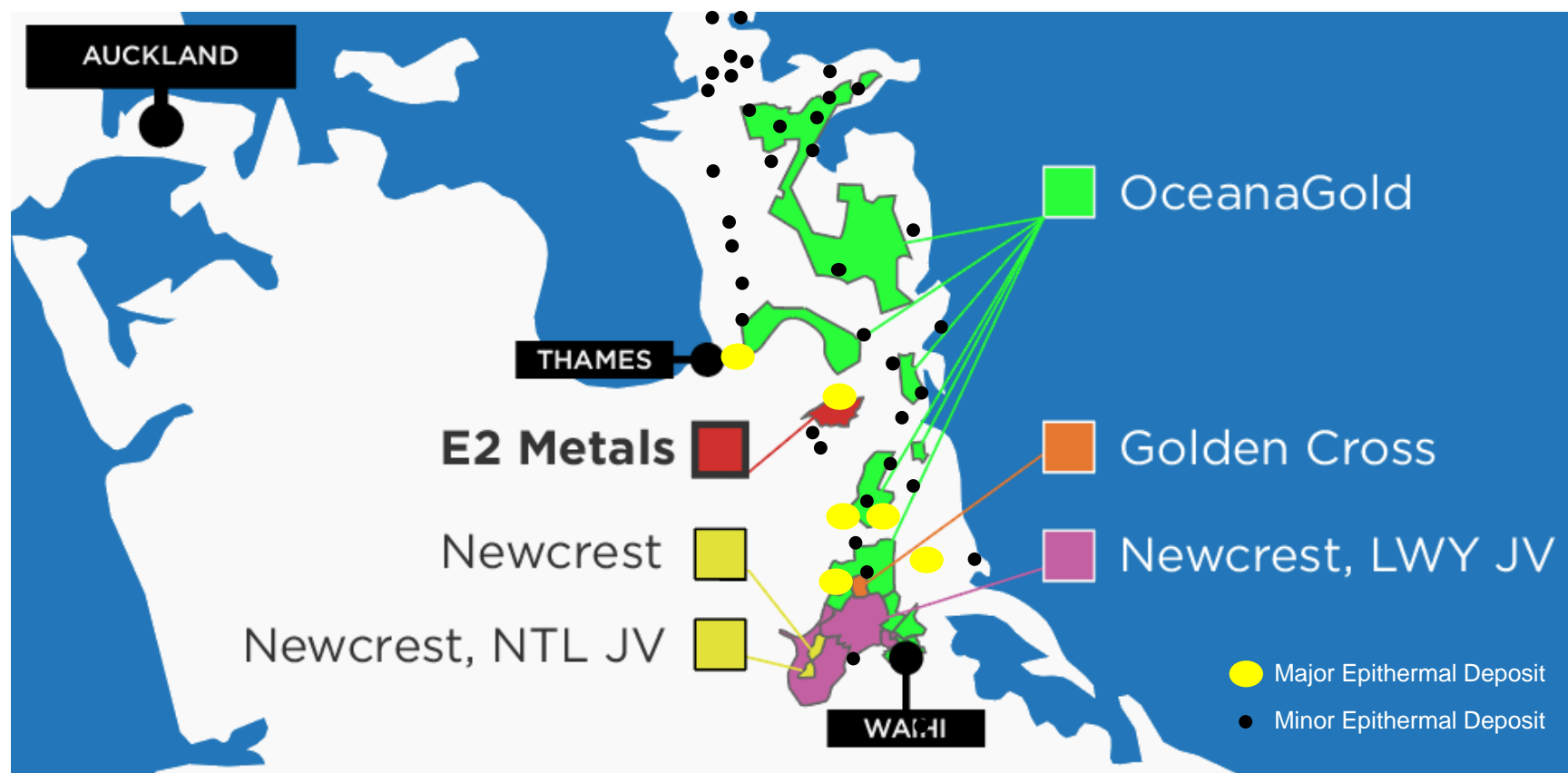
- Has produced 7.6Moz Gold and 53Moz Silver is located 25Km away, in same geological setting
- OceanaGold (OGC) acquired Waihi Mine for US\$101m in April 2015 Included Reserves of 300Koz Gold & 1.17Moz Silver
- 2016 guided production of 115-125Koz Gold at a AISC of US\$700-750/oz
- Active regional exploration, E2 Metals, OceanaGold, Newcrest Mining, New Talisman Goldmines, Laneway Resources

### NEAVESVILLE

- Low Sulphidation Epithermal Gold/Silver
- Known geological model and remains open
- Recently Upgraded Resource to JORC 2012
- 63 diamond holes totalling over 8,900m completed
- Agreement with landowners (Maori)
- No environment issues



# NEAVESVILLE AU-AG PROJECT: COROMANDEL NZ TENEMENT HOLDERS

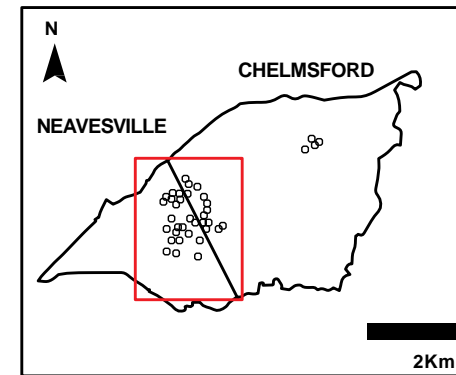


# NEAVESVILLE AU-AG PROJECT: MINERALISED TARGETS

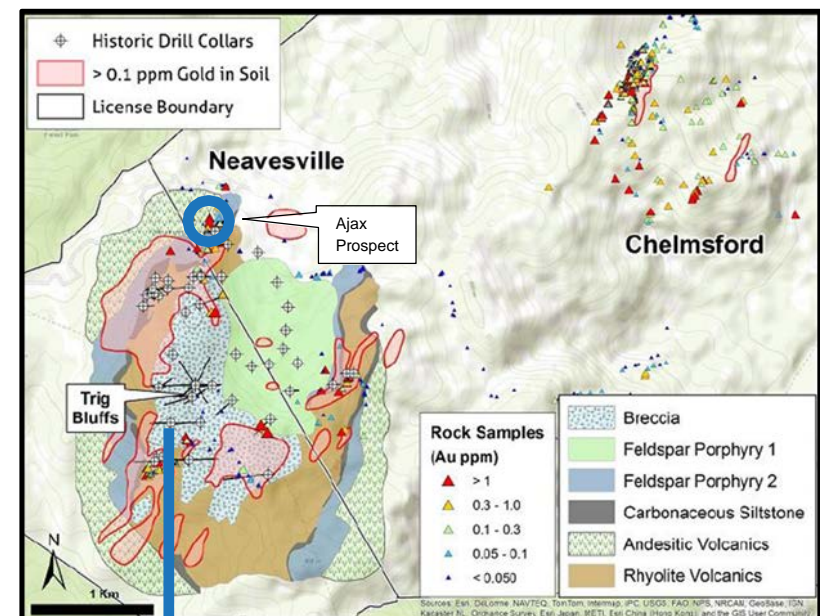
- A number of Au/Ag prospects identified through legacy workings and recent geophysics.
- Chelmsford/Champion/Trig Bluffs - Fissure structures (feeder zones) with higher grade potential remain untested.
- Potential for breccia hosted Au/Ag and porphyry style mineralisation indicated.
- Ajax Prospect has a defined target with limited drilling, positive indicators - historic workings and single drill hole with gold
- Trig's Bluff Resource JORC 2012\* (1.5km x 2km)
  - Inferred Mineral Resource comprising 1,489,500 tonnes at a grade of 2.58 g/t Au (123,600 oz Au) and 9.69 g/t Ag (509,100 oz Ag) at a gold cut off grade of 0.7 g/t Au.
  - In addition to, and exclusive of, the Inferred Mineral Resource, an Exploration Target ranging from 2.5 - 4.2 million tonnes at 1.1 - 1.8 g/t Au (84,200 - 233,000 oz Au) and 3.8 - 6.4 g/t Ag (447,000 - 744,000 oz Ag).

\* Resource contained in the Independent Geologist's Reports included in the Replacement Prospectus lodged on 23

February 2017

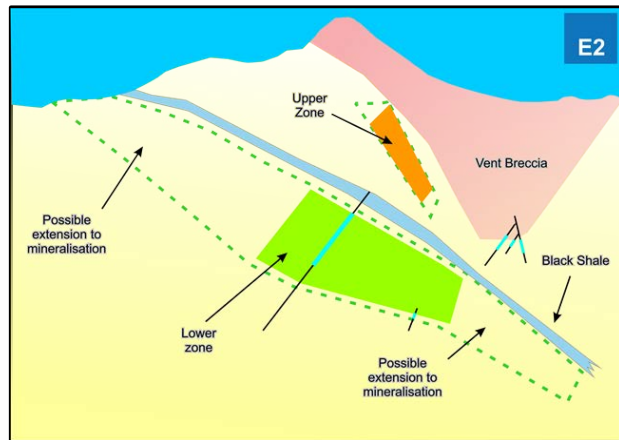


EXPLORATION PERMIT 51767



EXISTING RESOURCE

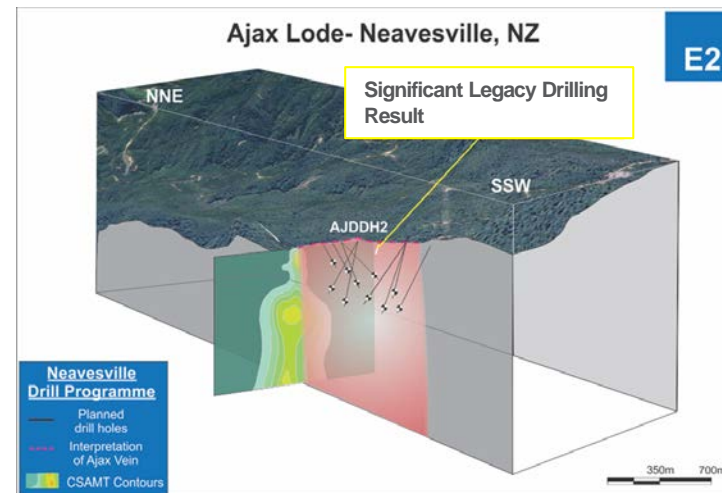
# NEAVESVILLE AU-AG PROJECT: RESOURCE TRIGS BLUFF



Resources currently defined in stacked sub-horizontal replacements in shale & quartz-adularia veins in volcanics, mineralized breccias hosted in lacustrine sediment, pyroclastic, volcanoclastic and vent breccias.

## GOOD GRADES, REMAINS OPEN

- Trig Bluff remains open along strike and at depth (feeder structures)
- Significant drilling intercepts >6g/t Au
- Sourced from legacy drilling in the overlying sediment and pyroclastic breccias
- ~8900m drilling undertaken, over 63 diamond drill holes
- Mineralisation remains open in multiple directions and at depth



Positive indicator via shallow drill hole with gold - untested geophysical anomaly – Planned Drill Holes

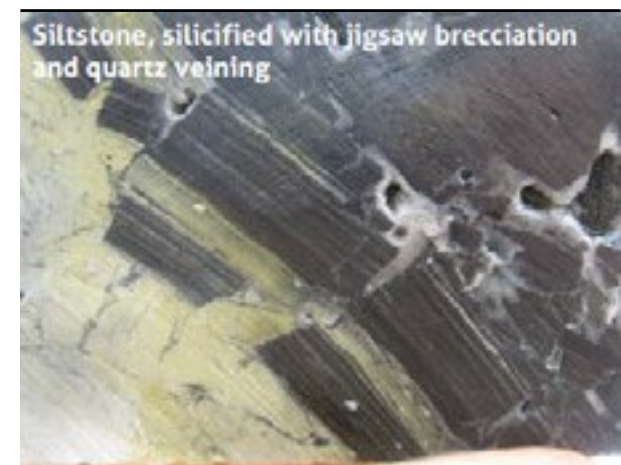
# NEAVESVILLE AU-AG PROJECT: EPITHERMAL GEOLOGY

## GEOLOGY

Host Rocks: andesite and rhyolite flows, dacite porphyry, phreatic breccia, pyroclastics, volcanoclastics and pyritic black shales.

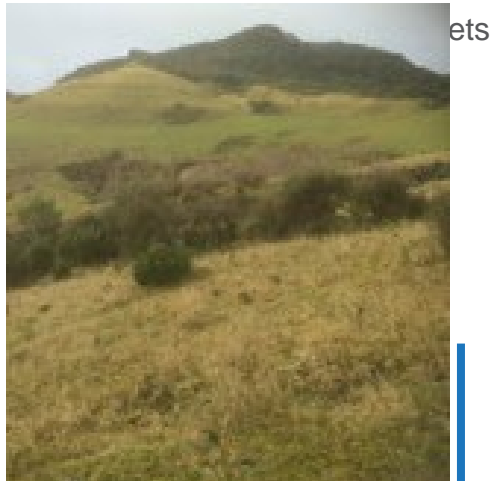
### LOW-SULFIDATION EPITHERMAL MINERALISATION:

- Stacked sub-horizontal replacements in shales & volcanics.
- Mineralized breccias, and stock-work veining.
- Quartz-adularia fissure veins



# NEAVESVILLE AU-AG PROJECT: KNOWN EPITHERMAL BELT WORLD CLASS NEIGHBOURS

- Waihi Martha Favona - 10Moz Au/Ag
- Thames 2Moz Au/Ag
- Golden Cross 0.65Moz Au/Ag
- Karangahake 0.6Moz Au/Ag
- Komata 0.25Moz Au/Ag
- Newcrest - Laneway Earn in
- Newcrest – New Talisman JV



REHABILITATED GOLDEN CROSS OPEN PIT



WAIHI OPEN PIT



# NEXT STEPS

## Completed:

- ASX Listing (19 April 2017)
- Capital raised A\$6.0m

## Next Steps:

- Extensional Drilling on open ore zones
- Resource Upgrade
- Maiden Resource
- Preliminary Scoping Study

Image: E2 Drilling Mt Solitary, Cobar NSW





## **E2 Metals**

e2metals.com.au

ASX:E2M

## **SIMON PETERS**

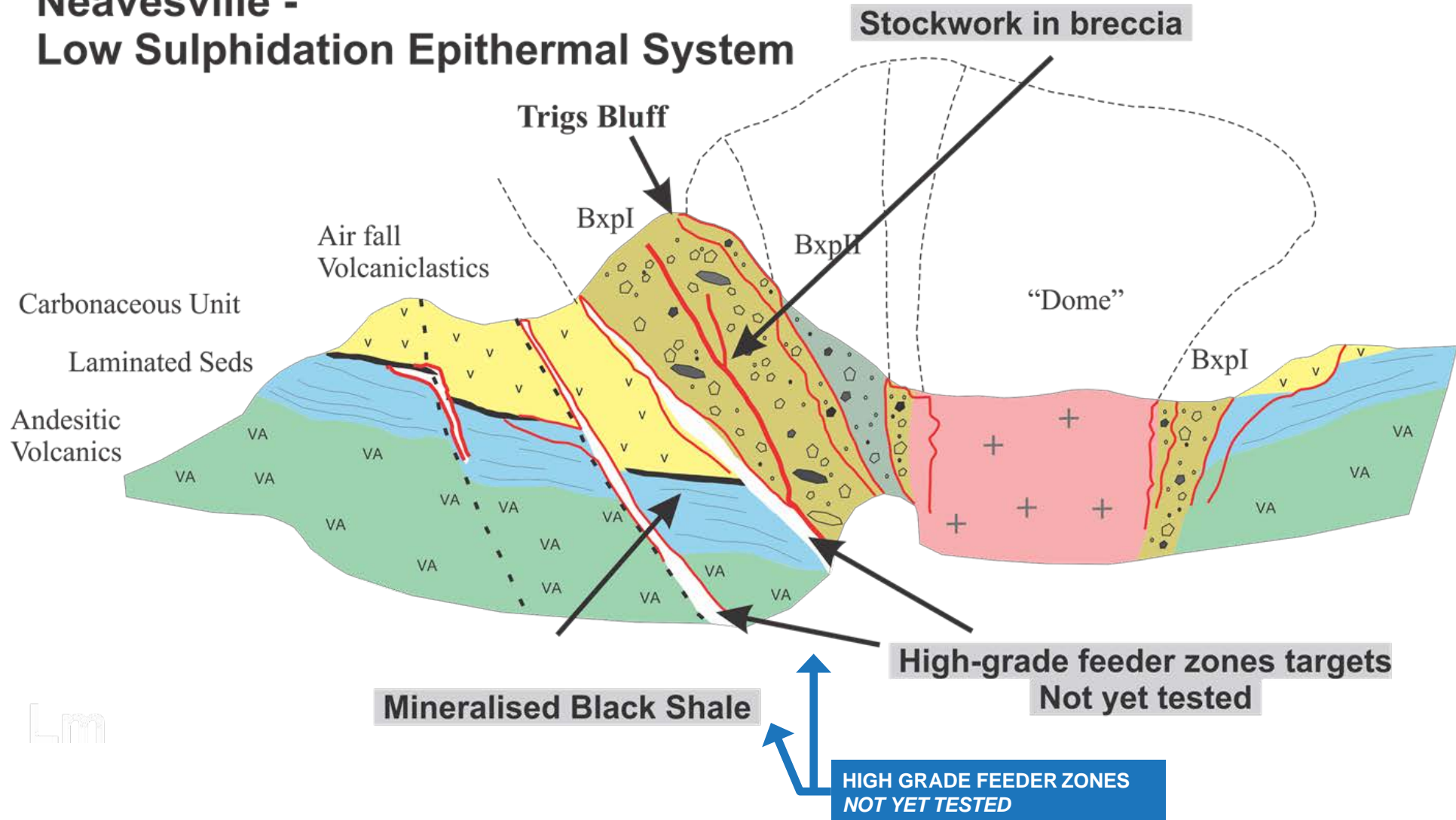
*E2 Metals*  
*Managing Director*

P: 03 9671 3801

E: [simon.peters@e2metals.com.au](mailto:simon.peters@e2metals.com.au)

# Appendix 1. NEAVESVILLE AU-AG PROJECT: GEOLOGICAL MODEL

## Neavesville - Low Sulphidation Epithermal System



# Appendix 2. BOARD & MANAGEMENT

## **SIMON PETERS**

Managing Director

*B.Eng (Mining) MAusIMM*

A Mining Engineer with 16 years experience as a mining executive. Has held senior positions in several companies including Rio Tinto and Henry Walker Eltin . Brings to E2 management experience across 3 continent's (Africa, Australia & Asia), in Iron Ore, Gold and Industrial Mineral's), also covering all sections of the mining development process, including large scale and complex feasibility studies, stakeholder engagement, permits and approvals.

More recently was project executive for Astron Ltd (ASX/SX:ATR). Where he oversaw the successful permitting for a large mineral sands mine in Victoria, Australia, plus the construction and commissioning of a mineral sands operation in West Africa.

## **JUSTIN MOUCHACCA**

Company Secretary

*B.Bus (Acc), CA*

Justin graduated from RMIT University in 2008 with a Bachelor of Business majoring in Accounting. During his university studies he completed a work placement program with Leydin Freyer which in turn led to his employment as a corporate accountant in February 2007.

Justin became a Chartered Accountant in 2011 and since July 2013 has been a principal of Leydin Freyer. He has over 10 years' experience in the accounting profession and has extensive experience in relation to public company responsibilities, including ASX and ASIC compliance, control and implementation of corporate governance, statutory financial reporting, reorganisation of Companies and shareholder relations.

## **CHRISTOPHER SPURWAY**

Non Executive Director

*BSc (Hons) (Syd), FAusIMM, FSEG, MAIG, MGSA (Grad. Cert. Management , UNE)*

Chris has over 26 years of industry experience including exploration management, resource definition and business development having worked with a spectrum of resource companies from large international organisations such as AngloGold Ashanti and CRA Exploration, junior producers including Troy Resources and Serabi Gold and junior minerals explorers.

He has held senior management roles since 2004, including Exploration Manager for Serabi Gold and Troy Resources, both in Brazil and TriAusMin in Australia. Currently serving as the Exploration Manager for Serabi Gold PLC on their operations in Brazil and Business Unit Manager for Eurasian Minerals Inc. in Australia/New Zealand.

Chris holds a B.Sc. (Hons) in geology from the University of Sydney and a Graduate Certificate in Management.

## **MELANIE LEYDIN**

Director (Chair)

*B.Bus (Acc), CA*

Melanie Leydin is a qualified Chartered Accountant and a Registered Company Auditor with over 22 years of experience gaining most of her early experience in small to medium sized practices.

In 2000, Melanie established her own chartered accounting practice initially specialising in audit services for small and large private companies and junior listed resources entities. Melanie's is currently Company Secretary to a number of ASX listed companies