



Leading Project Generators in WA

AMEC
Convention
June 2019



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Certain exploration drilling results for BM1, BM2 and BM7 are first disclosed under JORC code 2004. It has not been updated since to comply with the JORC code 2012 on the basis that the information has not materially changed.

The information in this report that relates to Exploration Results is based on information compiled by Mr. Peter Bewick who is a Member of the Australasian Institute of Mining and Metallurgy. Mr. Bewick is a full time employee of Encounter Resources Ltd and has sufficient experience which is relevant to the style of mineralisation under consideration to qualify as a Competent Person as defined in the 2004 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Bewick consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant ASX releases and the form and context of the announcement has not materially changed.

Industry snapshot



Revival of greenfields exploration for covered gold and base metal Tier 1 deposits in Australia



Majors and mid-tier companies pursuing growth and restocking project pipelines



Innovative ideas and exploration tools can generate a genuine competitive advantage



Investor sentiment towards junior explorers has created real value opportunities

“ Major, mid-tier, and intermediate mining companies, are now crowding back into the exploration space...all of a sudden, the prospect generators, which are unknown and unloved, have customers flocking to them. ”

***Rick Rule, President & CEO of
Sprott – Global Resource Insights
9 October 2018***



The Encounter business model



Project generation and exploration in world-class mineral belts



Targeting Tier 1 multi-million ounce gold and major base metal discoveries in WA






High quality projects and management supported by mid-tiers and major producers



Progress project pipeline with a mix of alliances, joint ventures and sole funding

Project Generator Model

The superior model for exploration – multiple opportunities for Tier 1 discoveries and lower equity dilution

	Traditional Junior	Project Generator
 Number of projects	Few (1 or 2 flagship projects)	Multiple +5
 Target size	Moderate (more likely brownfield)	Major tier 1 targets (more likely greenfield)
 Expertise	1-2 key geologists	Multiple expert teams, access to pool of technical specialists & latest technological advances
 Exploration funding	Equity	Partner project funding, equity market
 Potential outcome	100% of a single discovery 	20%-40% of multiple major discoveries   
 Project development funding	Equity & debt markets	Partner funding maximise shareholder leverage

Encounter at a glance

Creating value through project generation and discovery

- Targeting **gold deposits with scale** potential in Western Australia: Tanami, Paterson Province, Laverton Tectonic Zone
 - Multiple, well funded, exploration programs via five joint ventures with Australia's largest gold miner **Newcrest Mining Ltd** (ASX:NCM) in the Tanami and West Arunta province
 - Copper-Gold targets in the Paterson Province analogous to Rio Tinto's Winu discovery
 - Innovative new CSIRO developed geochemical sampling technique generating new targets in southern extension of the +40Moz Laverton Tectonic Zone (100% ENR)
- Advancing large scale **copper-cobalt** discoveries in the Paterson Province with new partner **Independence Group NL** (ASX:IGO)

Capital Structure	
ASX ticker	ENR
Share price (31/05/2019)	\$0.07
Shares on issue	262M
Options	10M
Market capitalisation	~\$18M
Cash (31/03/2019)	~\$3.0M
Listed investments	~\$0.7M
Enterprise value (net of cash and listed investments)	~\$14M
Major shareholders	
▪ Board and Management	~15%
▪ Independence Group	~9%

Scale opportunities in a first world jurisdiction

Tanami and West Arunta

Fast-tracking exploration via five joint ventures with Newcrest

Paterson Province – Copper-Cobalt

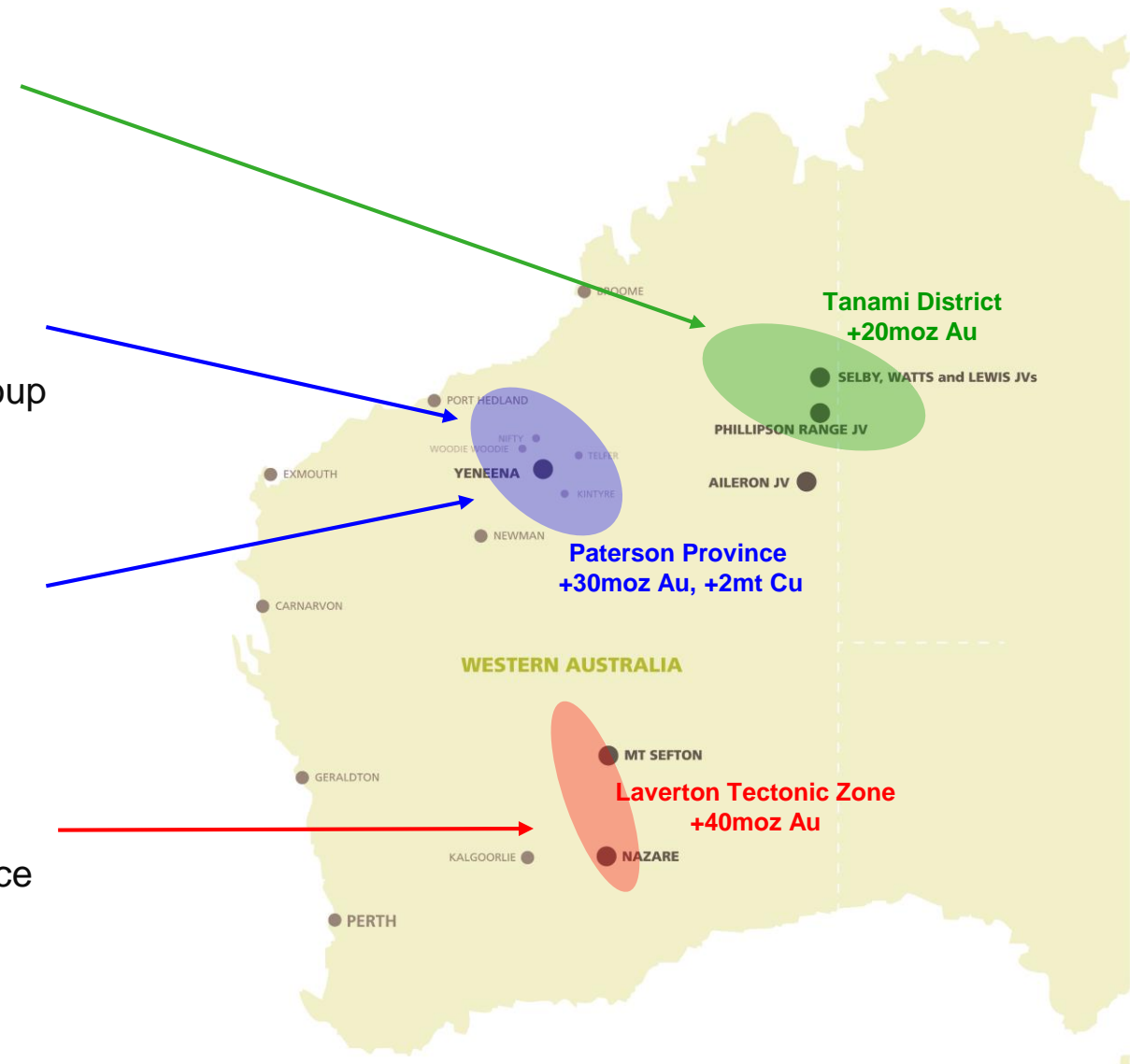
New approach in a known Cu-Co district with Independence Group

Paterson Province – Copper-Gold

Copper-Gold targets analogous to Rio Tinto's Winu discovery

Laverton Tectonic Zone

Innovative new generative program in a world class gold province



Board and Management

Highly Experienced Board and Management



Mr Paul Chapman
Non Executive Chairman

B.Comm, ACA, Grad. Dip. Tax, MAICD, MAusIMM

Mr Paul Chapman is a chartered accountant with over 30 years experience in the resources sector gained in Australia and the United States. He has experience across a range of commodity businesses including gold, nickel, uranium, manganese, bauxite/alumina and oil/gas.



Dr Jon Hronsky OAM
Non Executive Director

BAppSci, PhD, MAusIMM, FSEG

Dr. Hronsky has more than 30 years of experience in the mineral exploration industry, primarily focused on project generation, technical innovation and exploration strategy development. He has particular expertise in targeting for nickel sulphide deposits, but has worked across a diverse range of commodities. His work led to the discovery of the West Musgrave nickel sulphide province in Western Australia. Dr. Hronsky was Manager-Strategy & Generative Services for BHP Billiton Mineral Exploration. Dr. Hronsky is an Adjunct Professor at the University of Western Australia in the School of Earth Sciences.



Mr Will Robinson
Managing Director

B.Comm

Mr Robinson has worked in the resources industry in Australia and Canada for over 20 years. He has held senior management roles at a large international resources company and executive roles in the junior mining and exploration sector. Mr Robinson is also president of the resources industry advocacy body, the Association of Mining and Exploration Companies (AMEC) and was on the Australian Government's Resources 2030 Taskforce.



Mr Peter Bewick
Exploration Director

B.Eng (Hons), MAusIMM

Mr Peter Bewick is a 25 year experienced geologist and has held a number of senior mine and exploration geological roles during a 14 year career with Western Mining Corporation. These roles include Exploration Manager and Geology Manager of the Kambalda Nickel Operations, Exploration Manager for St Ives Gold Operation and Exploration Manager for WMC's Nickel Business Unit and Exploration Manager for North America based in Denver, Colorado.

Tanami and West Arunta

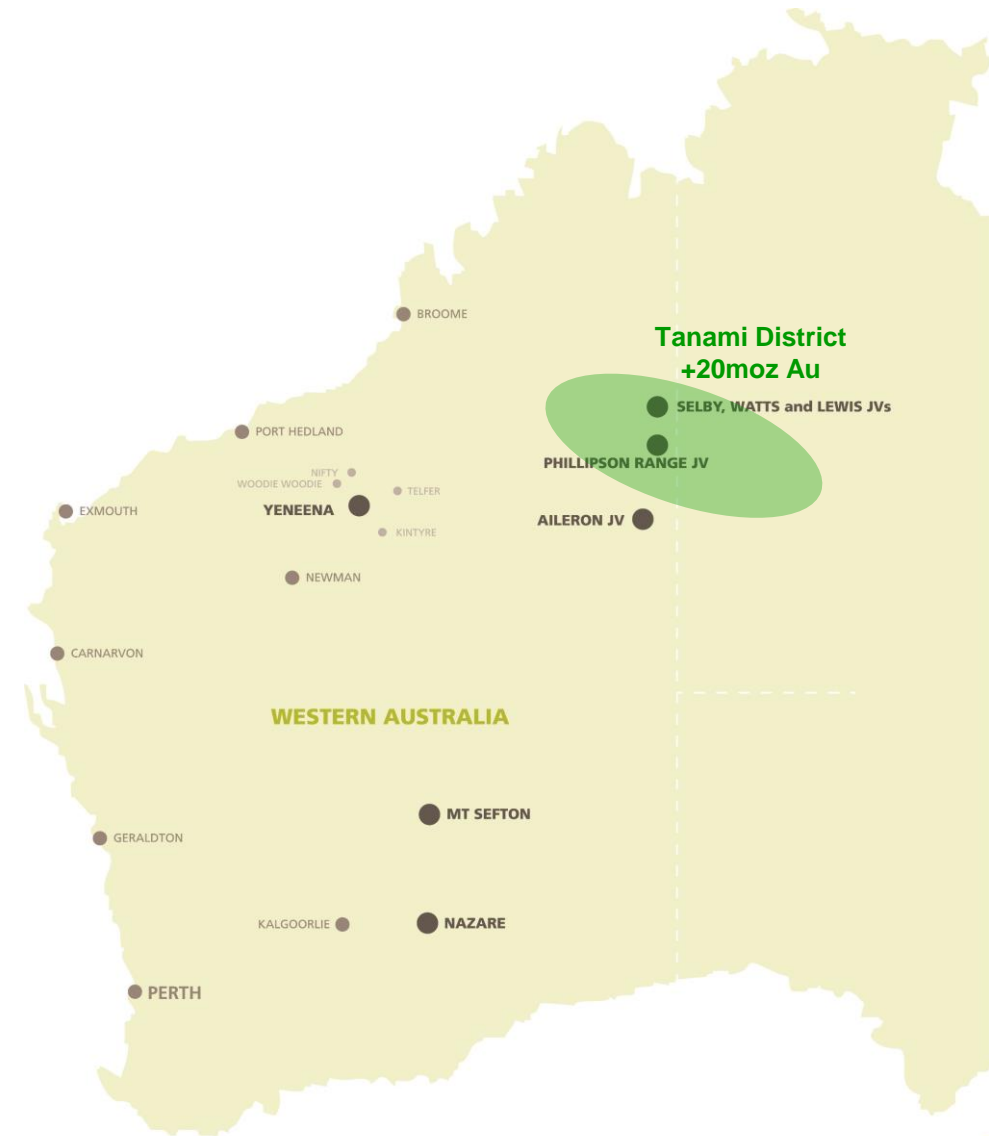


Major exploration portfolio in one of the world's most prospective gold regions



Tanami and West Arunta – a major new exploration portfolio

- Five separate joint ventures with Newcrest Mining Limited (ASX:NCM) covering 5,900km² of the Tanami Gold Province and West Arunta in WA
- 100km of strike along the major structural corridor that extends through the Tanami
- New regional gravity data shows a fundamental controlling structure for gold mineralisation
- Material new near mine gold discoveries at Newmont Mining's +14Moz Callie gold mine
- Shallow historical exploration has defined multiple Tier 1 deposit footprints
- **Newcrest Sole Funding Extensive 2019 Exploration Program comprising over 14,000m of RC and diamond drilling starting June/July 2019**



Selby, Watts, Lewis JVs with Newcrest

100km of strike along the Trans-Tanami structure

Selby Joint Venture (1,534km²) including:

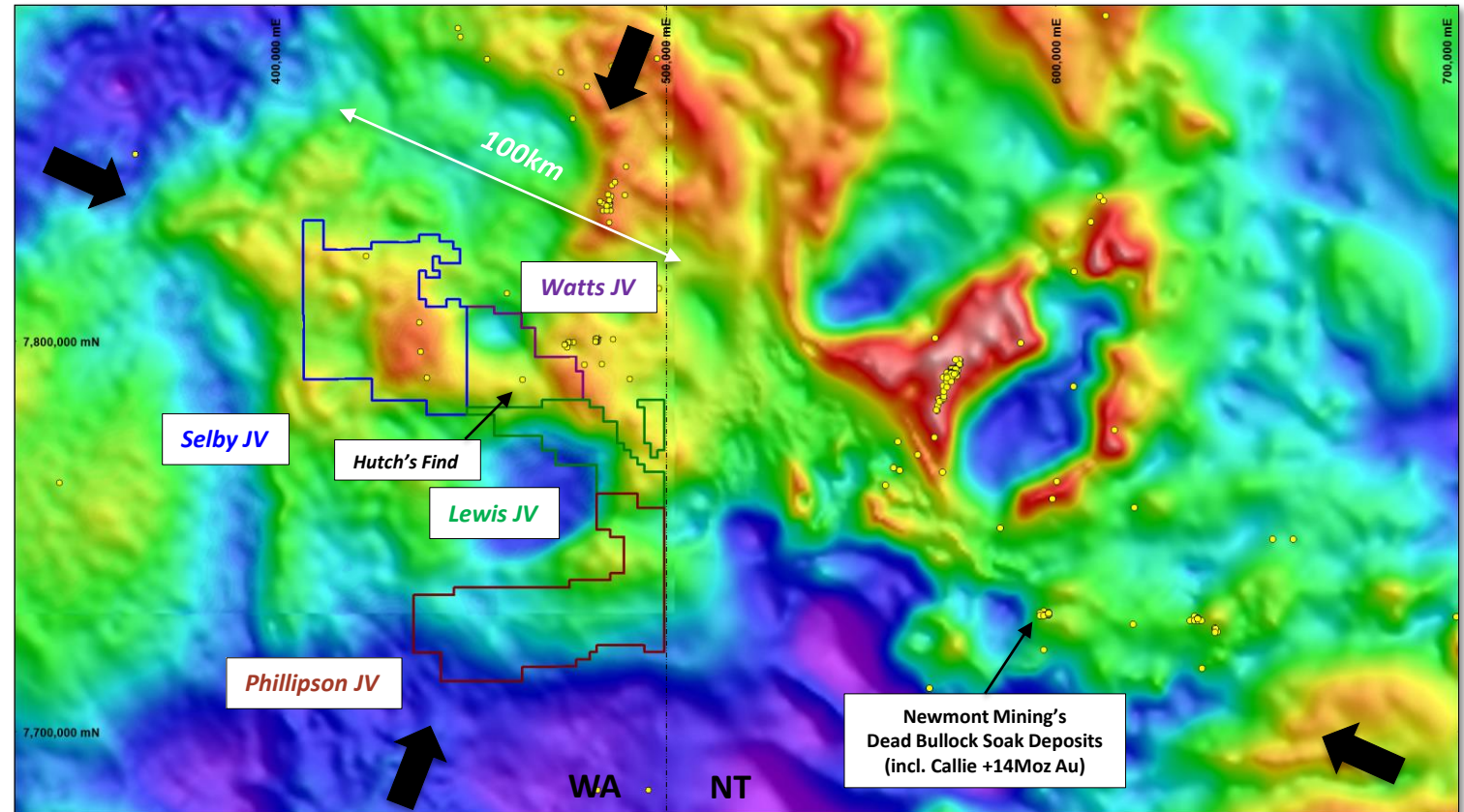
- Mohave Prospect – a +7km long gold-arsenic anomaly that includes thick mineralised drill intersections strengthening at bottom of hole
- Afghan Prospect – a +7.5km long gold anomaly in shallow RAB drilling
- Camel – 7.2m @ 3.1g/t Au from 95m in last drilling¹

Watts Joint Venture (552km²) including:

- Hutch's Find – significant zone of gold/arsenic anomalism in colluvium over 6km of strike
- Limited drilling has returned 19m @ 2.3g/t Au from 98m and 10m @ 5.4g/t Au from 123m¹
- Sunset Ridge – 8km long arsenic anomaly defined in shallow drilling

Lewis Joint Venture (619km²) including:

- 20 strike km of untested Trans-Tanami Structure

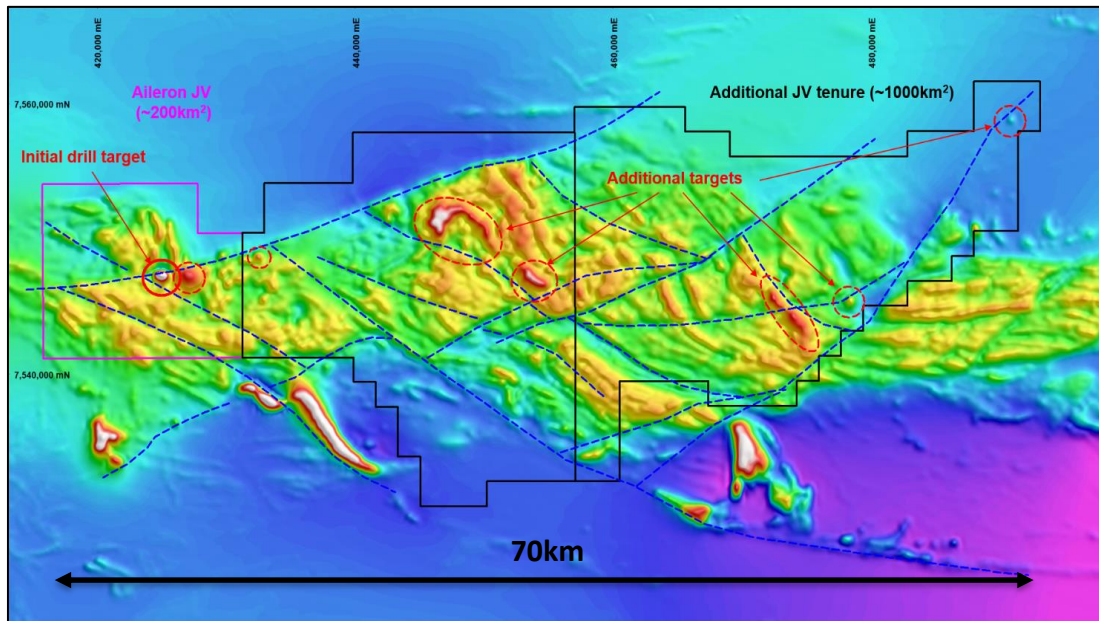


Tanami Joint Venture areas with gold occurrences (yellow) over regional gravity data

Aileron & Phillipson JVs with Newcrest

Aileron Joint Venture

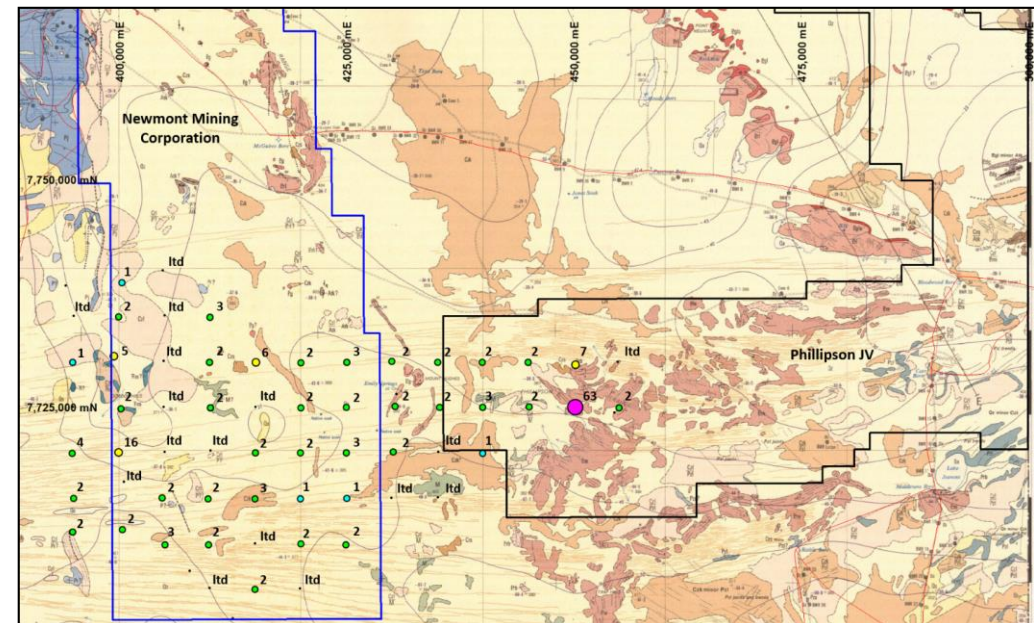
- IOCG target located in the West Arunta with scale of an Ernest Henry or Carrapateena style system
- Initial drill target is a steeply dipping 500 x 200m magnetic body starting from ~50m below surface
- Diamond drilling planned for June/July 2019



Location Plan on TMI background

Phillipson Joint Venture

- Genuine frontier first mover opportunity with significant scale
- Highly anomalous 63ppm Au anomaly
- On ground validation and additional geochemical sampling planned for June/July 2019



GSWA geology and regional 5km by 5km soil sampling program (Au ppb)

Newcrest Project Generation Alliance

- Project generation alliance with Australia's largest gold mining company
- Newcrest will fund Encounter to generate new 'camp scale' gold exploration opportunities in Tanami and West Arunta of WA
- Key terms of the alliance include:
 - 50:50 joint venture over any approved projects
 - Newcrest may increase its interest to 80% by sole funding exploration and delivering a JORC compliant resource >1Moz gold or gold equivalent
 - Should the alliance elect not to proceed with a project then it will revert back to Encounter 100%
- The alliance was extended by Newcrest for a further 12 months to July 2019 following its initial success



Paterson Province



Proterozoic, sediment
hosted Copper-Cobalt
deposits



Copper-Gold
targets analogous
to Rio Tinto's Winu
discovery



A known region generating new discoveries

- **Why have we been exploring in the Paterson Province since 2009?**
 - Proven fertility to produce major deposits
 - Large outcropping discoveries made in 1970s and 1980s at Nifty (Cu) and Telfer (Au)
 - Shallow sand cover inhibited previous explorers
 - Applying cutting edge undercover exploration techniques – biogeochem, new CSIRO geochem, drone mapping, VTEM, MT
- Well funded majors and junior explorers aggressively exploring and making new discoveries in the region



RioTinto

Sipa Resources Limited

ANTIPAMINERALS

NEWCREST
MINING LIMITED

METALS X LIMITED

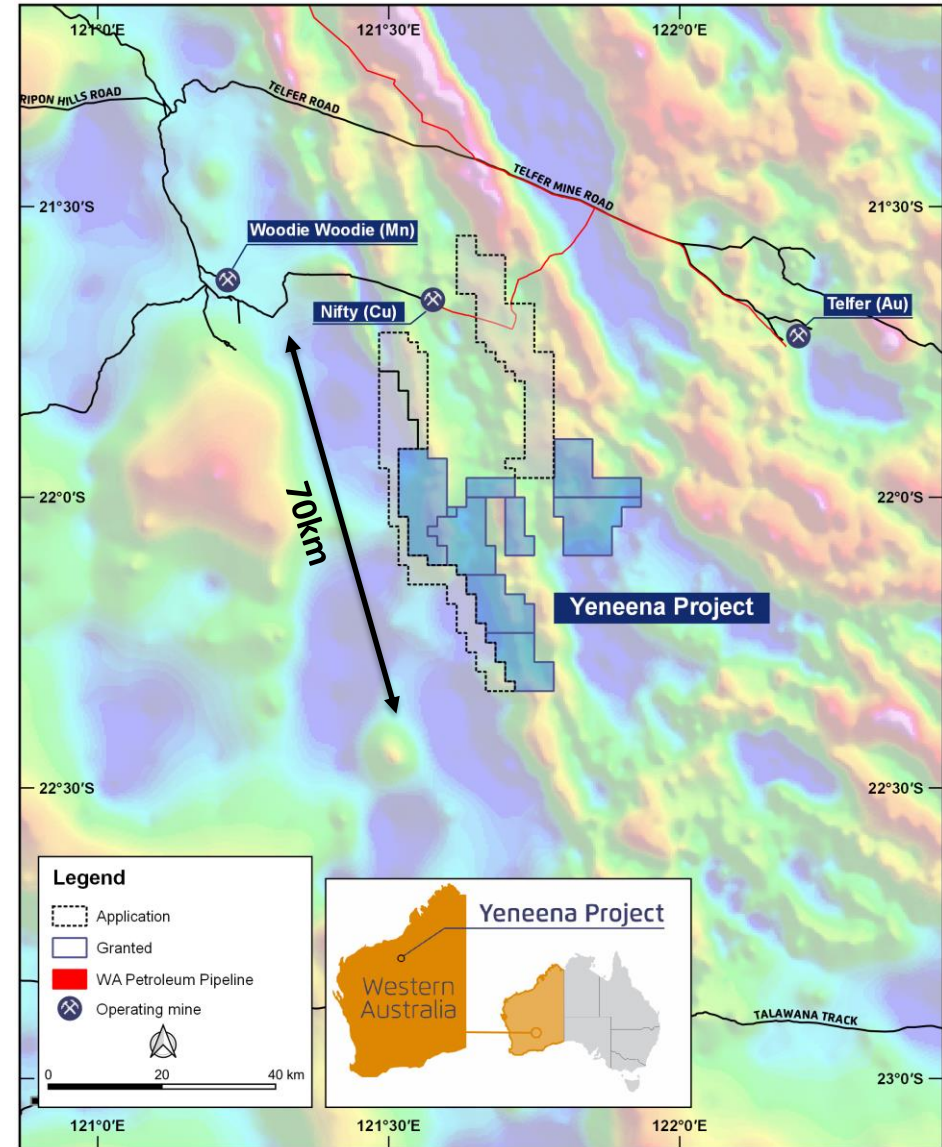
FMG

Fortescue
The New Force in Iron Ore

encounter
RESOURCES LIMITED

Australia's Hottest Copper Address

- The Paterson Province is a proven mineral region with a consistent history of discoveries
- Encounter holds exploration tenure over 1,400km² of the Paterson Province:
 - Central African Copperbelt analogue
- Independence Group NL (ASX:IGO) and Encounter joined forces to advance the Yeneena Copper-Cobalt Project
- IGO major shareholder in Encounter
- IGO has the right to enter into a \$15M earn-in agreement to secure a 70% interest in Yeneena any time before 1 March 2020
- **\$1.6M work program planned in 2019**
- Initial programs designed to provide unprecedented definition of basin architecture and identify large scale Zambian Copperbelt analogue opportunities



Yeneena Copper-Cobalt Project – Paterson Province WA

14km long copper-cobalt system at BM1-BM7¹

- BM1: Coherent zone of near surface copper oxide mineralisation. Best intersections include:
 - 10m @ 6.8% Cu from 32m*
 - 20m @ 2.0% Cu from 22m*
 - 8m @ 3.6% Cu from 18m*
 - 16m @ 3.2% Cu from 26m
- BM7: Large mineral system containing extensive copper sulphide mineralisation. Best intersections include:
 - 5m @ 2.5% Cu from 388m
 - 52m @ 0.6% Cu from 42m
 - 74m @ 0.4% Cu from 74m
- BM1-BM7 also contains a number of high grade cobalt intersections including:
 - 9m @ 1.0% Co and 1.5% Cu from 42m
 - 14m @ 0.45% Co and 0.38% Cu from 14m



BM1 Diamond core

Yeneena Copper-Cobalt Project – Paterson Province WA

- Initial \$1.6M work program planned in 2019
- Initial exploration activity will apply a number of advanced exploration technologies for the first time at Yeneena including:
 - a large scale Magnetotelluric survey (~100km) to advance 3D copper target definition and identify conductive zones within the intrusive pipe structure at the Aria IOCG prospect;
 - super trace end of hole multi element geochemistry of historical aircore drilling to define alteration footprints and refine geological mapping; and
 - a trial of CSIRO Ultrafine+ surface geochemistry technique to identify base metal anomalies through shallow sand cover.
- Programs designed to provide unprecedented definition of basin architecture and identify large scale Zambian copper-belt analogue opportunities

Lookout Rocks – Zambian Copperbelt analogue



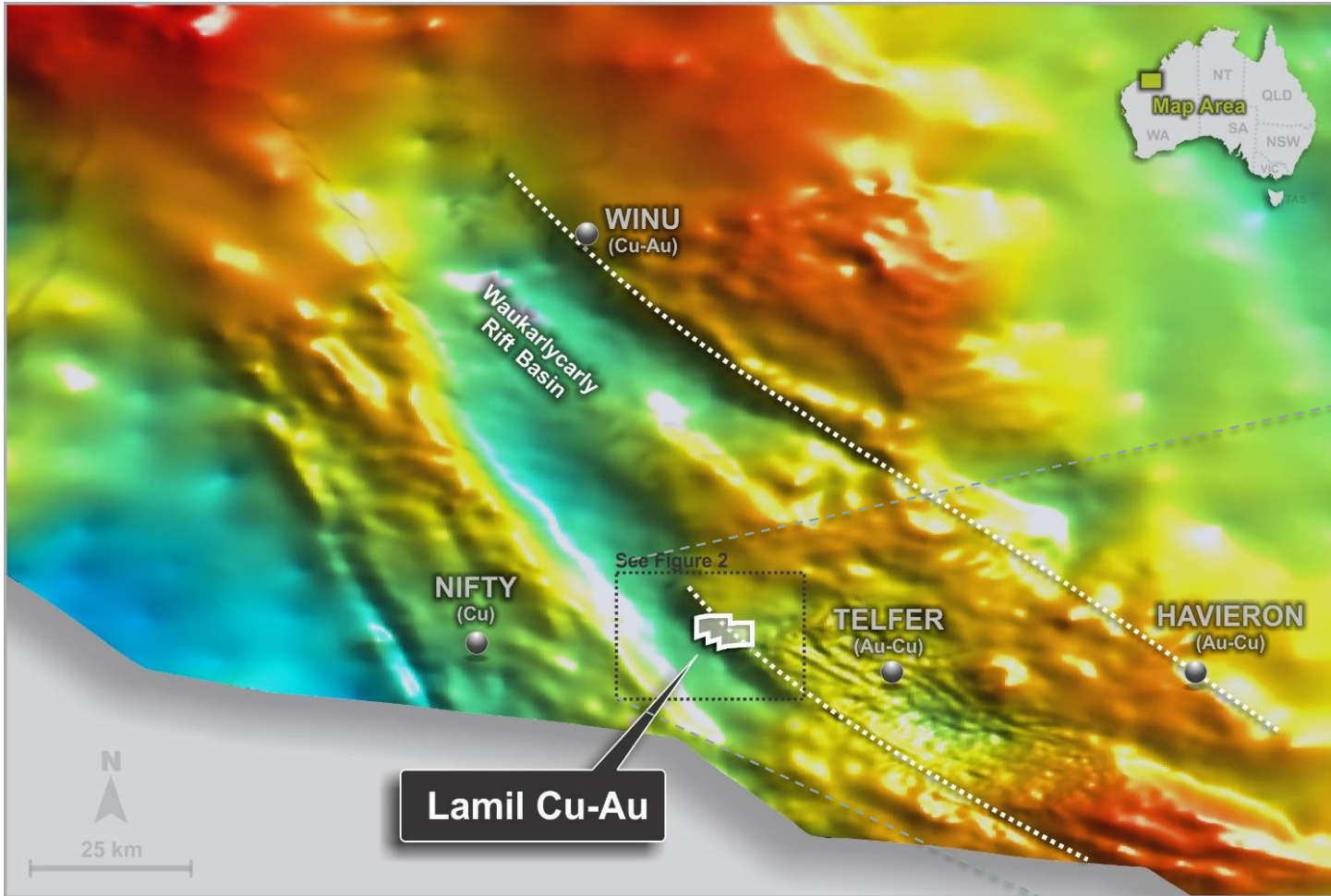
Disseminated chalcopyrite in carbonaceous shale
EPT 2282 (~259.5m downhole
(1.0%Cu)

Aria – IOCG style intrusion with Cu sulphides

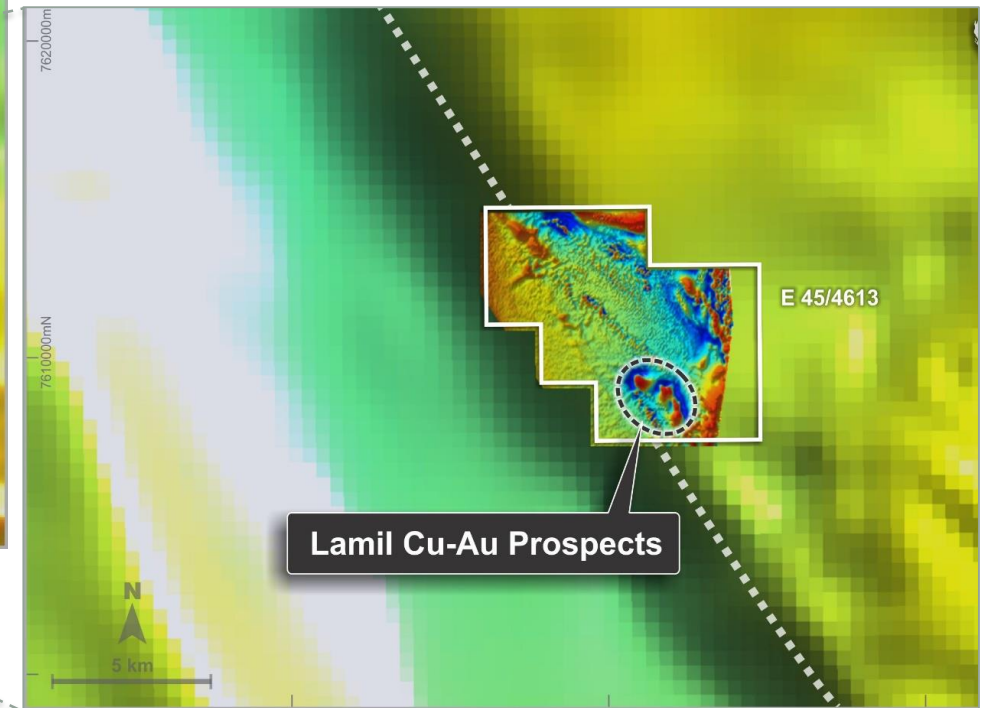


Aria Prospect Drill Core EPT2276

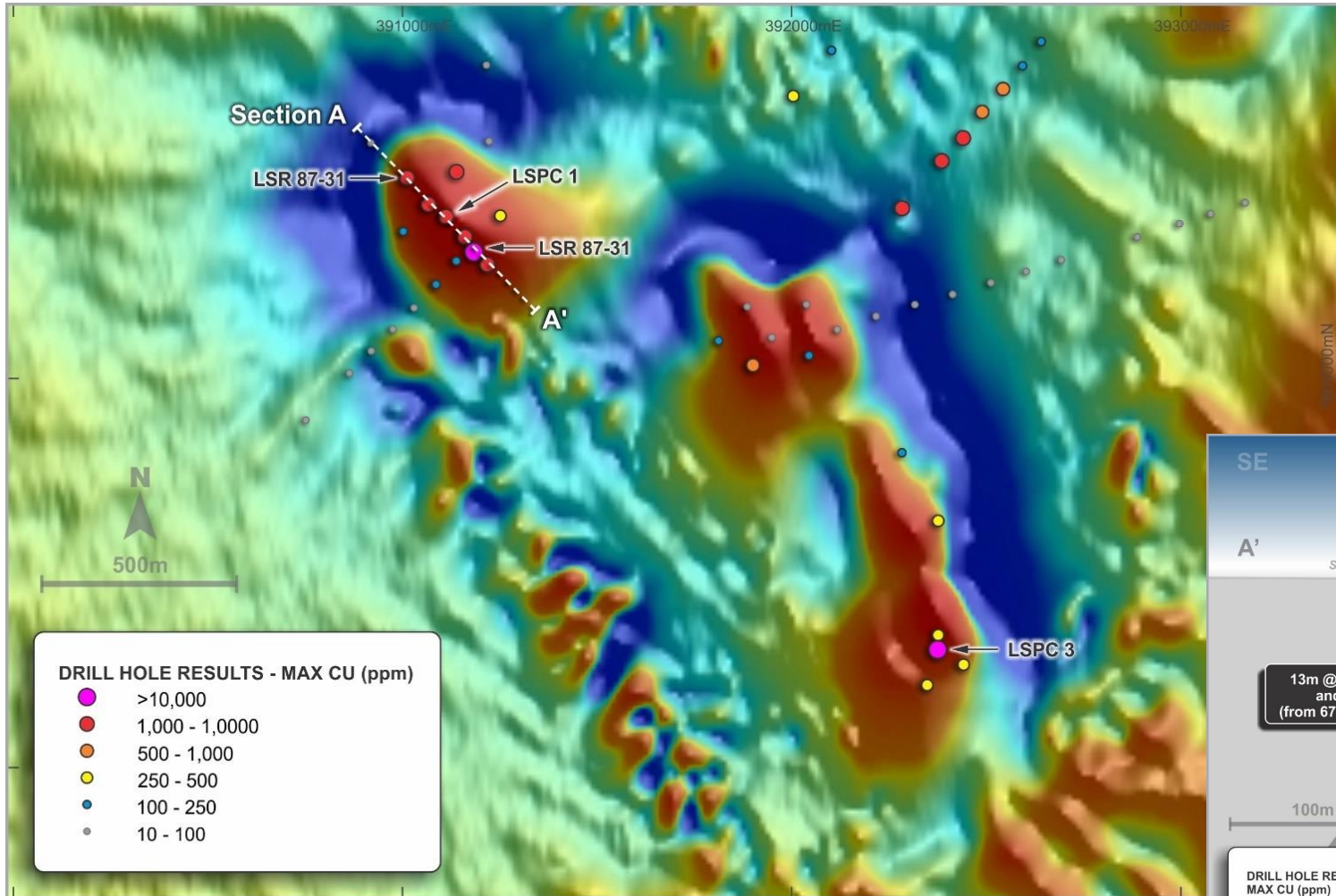
New Copper-Gold Targets in the Paterson Province



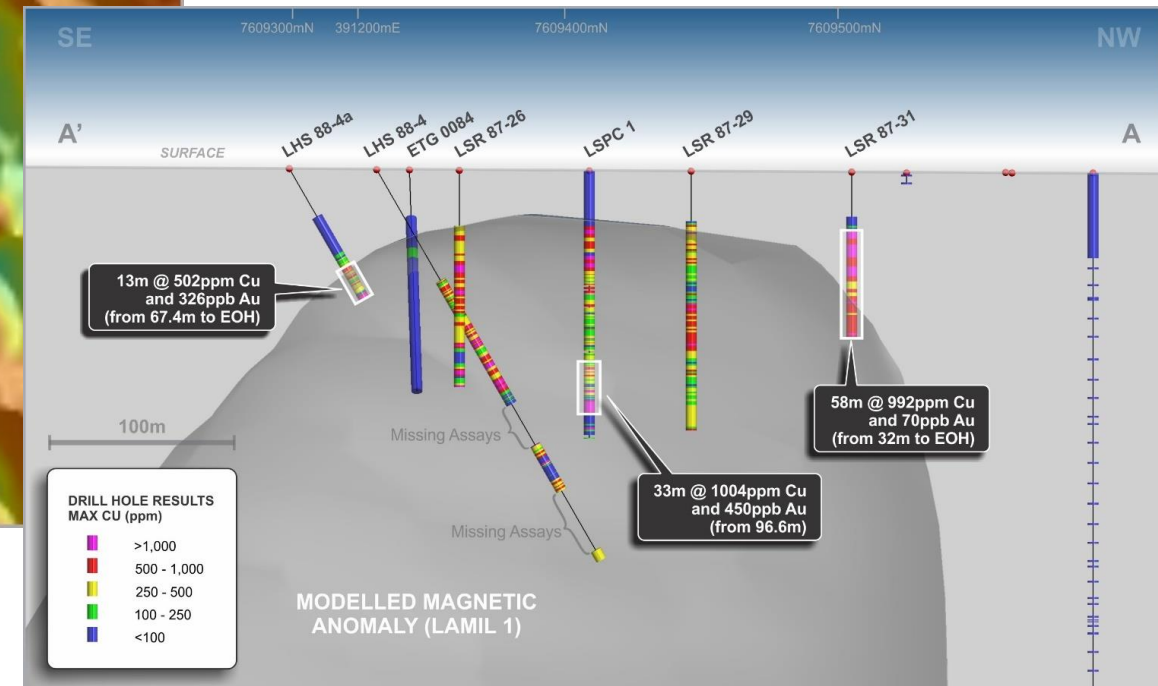
- Broad zones of copper-gold anomalism associated with series of discrete magnetic anomalies located on a regional scale gravity lineament
- Structural setting of the Lamil Prospects is analogous to Rio Tinto's Winu copper-gold discovery



Broad Zones of Copper-Gold Anomalism at Lamil



- Shallow historical drilling by Newmont in the 1980s, targeting gold, intersected thick zones of strong copper anomalism
- Complete airborne EM and/or ground IP prior to drilling
- Potential to introduce a suitable joint venture partner in the future, consistent with Encounter's project generator model



A Leading Project Generator

New ideas, data and technology



Generating and effectively evaluating new projects

- Fast mover, early adopter of **new technologies** and **new datasets**
- Reduce exploration risk and uncertainty through **data-driven** approaches
- Apply cost effective new techniques to rapidly prioritise targets

Filtering and progressing targets



Advancing earlier stage targets to determine scale and potential

- Lamil Copper-Gold
- Nazare Gold
- Mt Sefton Gold
- Stansmore Zinc
- Hazlett

Partners driving large FY19 budgets



Collaborating with high quality partners to make new discoveries

- Multi-million ounce Tanami targets
- Copper-cobalt in the Paterson

Substantial 2019 programs:

- Major geophysics and drilling programs planned for 2019 across the Tanami and the Paterson
- Well-defined advanced targets

Investment proposition



At the forefront of major exploration revival in the Paterson Province and Tanami Region



Extensive, well funded exploration programs in 2019
- Newcrest: >14,000m of RC & diamond drilling
- Independence: \$1.6m work program



Early mover, innovative ideas and exploration tools generating genuine competitive advantage



Project Generator model provides multiple opportunities for Tier 1 discoveries and lower equity dilution

“ These projects provide Encounter shareholders with significant leverage to a pipeline of potential Tier 1 projects funded by major producers. ”

Will Robinson
Managing Director
Encounter Resources