

**19 May 2016 - High Grade Gold at Edna Beryl West**

*5m at 27g/t gold incl. 2m at 51g/t gold  
13m at 8.7g/t gold incl. 7m at 15g/t gold*

**5 July 2016 - ..... High Grade Gold at Edna Beryl West**

*13.2g/t gold incl. 3m at 15.7g/t gold  
3m at 11.2g/t gold  
9m at 5.33m g/t gold incl. 3m at 10.4g/t gold*

**2 August 2016....Further High Grade “Bonanza” Gold at Edna Beryl West**

*5m at 35.6g/t gold from 120m  
2m at 30.1g/t gold from 128m  
3m at 36.6g/t gold from 227m*

**31 October 2016...Bonanza and visible gold at Tennant Creek**

*8m at 157g/t gold, 34.5g/t silver, 0.5% copper*

**6 December 2016 Bonanza Gold continues**

*5m at 83.6g/t gold from 89m  
4.3m at 24.6g/t from 249m*



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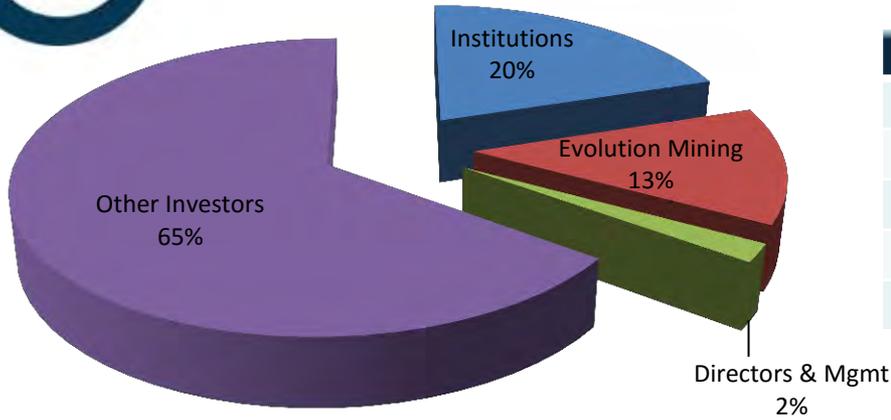


**The three T's – Teamwork, Technology and Tenacity.....  
 delivering multiple discoveries....  
[www.emmersonresources.com.au](http://www.emmersonresources.com.au)**





# Capital Structure



ASX code	ERM
Shares on issue	378,930,204
Options (Exercise price \$0.0485)	7,000,000
Market capitalisation (at \$0.11/share)	\$41.7 million
Cash (31/12/16)	\$4.7 million
Enterprise value	\$37.0 million





# Board of Directors



**Mr. Andrew McIlwain B.Eng (Mining)**  
**Non-Executive Chairman**

Mining Engineer with more than 25 years experience in operational, senior management and executive roles (MIM, WMC, UML & others).



**Mr. Robert Bills B.Sc, M.Sc**  
**Managing Director and Chief Executive Officer**

Geologist with over 25 years experience in exploration and mining with WMC and BHP. Joined Emmerson in late 2007 as the Managing Director and CEO.



**Dr. Allan Trench B.Sc (Hons), Ph.D, M.Sc, MBA**  
**Non-Executive Director**

Geologist/geophysicist with extensive experience in strategy, project development and operations within the natural resource sector.

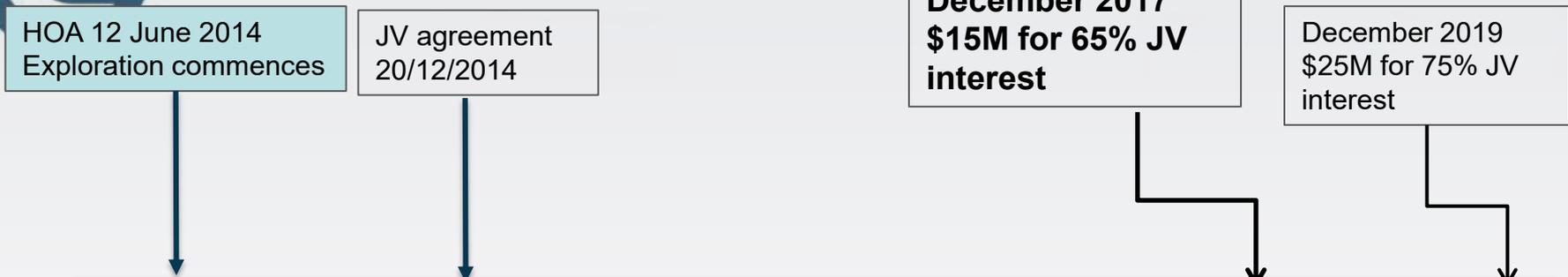
# Threefold Strategy



- **Application of new technology/ideas to make new discoveries in Tennant Creek** (Goanna copper, Mauretania gold, Edna Beryl gold)
- **Small Mines – monetise existing resources and provide opportunities for “near mine” discoveries** (*Edna Beryl under development and will be one of Australia’s highest grade gold mines plus pipeline of others*)
- **Leverage new technology/ideas outside of the Tennant Creek Project**  
*New gold-copper projects in New South Wales and the NT*

# ASX Feb 2017 – Evolution notifies of intention to complete earn-in and fund new Rover Gold-Copper Project

\$15m earn-in by Evolution now extended to December 2017



FY 14	FY15	FY16	Jul-16 to Dec-17	Jan-18 to Dec-19
\$0.3M	\$4.7M	\$4.4M	\$5.6M	\$10M

LTD to Dec-17 \$11.5M



Eldorado-Chariot (resource extensions)

Mauretania Discovery

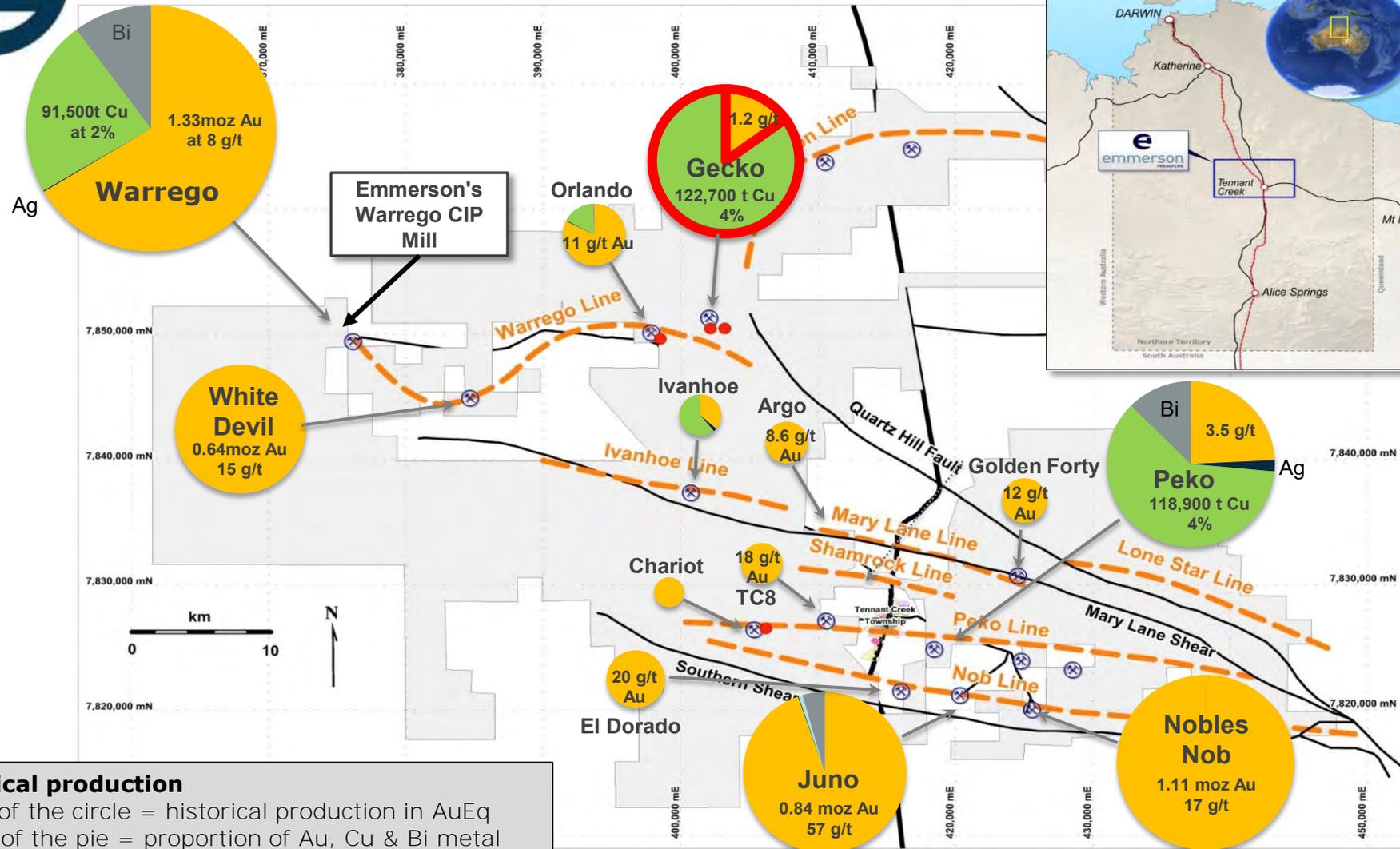
**Edna Beryl gold Discovery**  
Ironstone fertility Indicator  
Seismic, EM, Gravity & Magnetic surveys

**Goanna Copper Discovery**

**Value Proposition**  
New generation of high grade gold deposits in TCMF & Rover Field  
Modest Income stream from small mines initiative

JV also included ~\$2m EVN shares + placement in ERM of ~13%

# Tennant Creek – one of Australia's highest grade goldfields

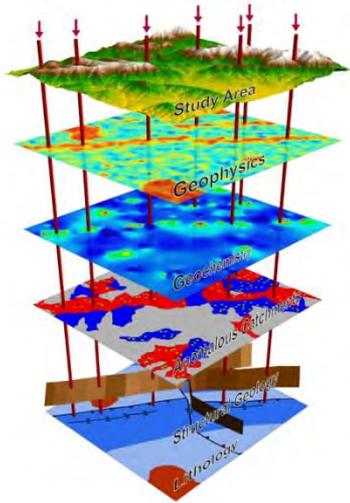


# Prediction + Detection = Discovery

## .....and creation of shareholder value for ERM

**Precise Prediction and Detection = increasing probability of Discovery!**

Precise Prediction and Detection

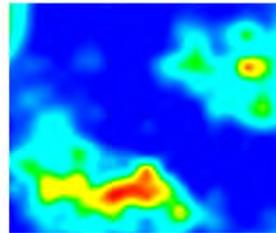


Aiming to deliver:

- New greenfields targets & discoveries
- Underexplored brownfields targets to grow current resource base

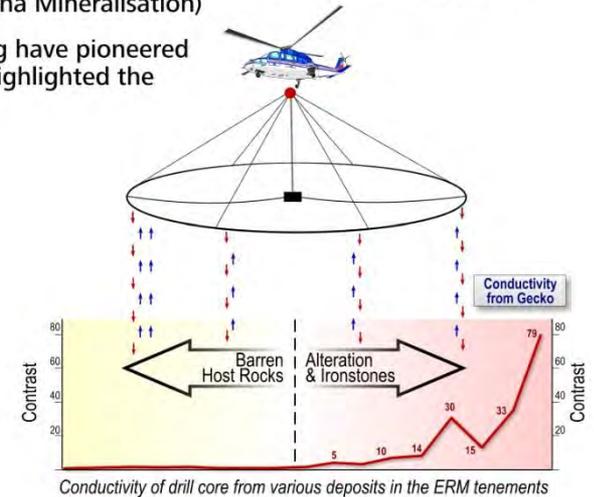
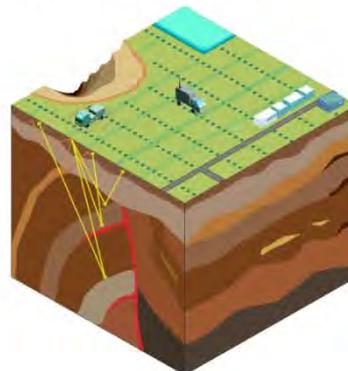
Weighted aggregation process\*

\*Unbiased, probability based



Advanced Detection Technology

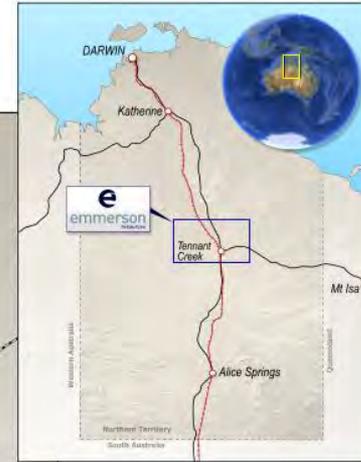
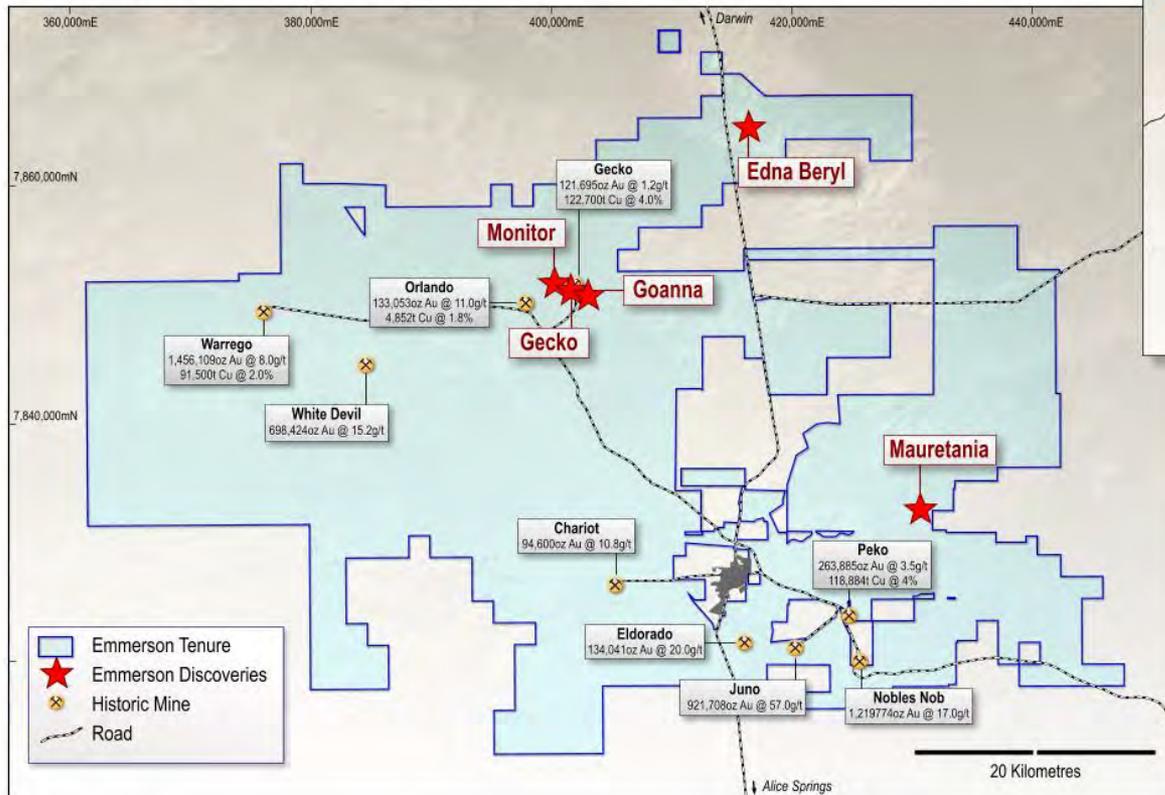
- Multiple (applicable) detection technologies increase the probability of discovery
- Emmerson have pioneered the first use of high powered, airborne electrical geophysics in Tennant Creek (and discovered the Goanna Mineralisation)
- Emmerson and JV Partner, Evolution Mining have pioneered seismic geophysics in Tennant Creek (has highlighted the Edna Beryl mineralisation)



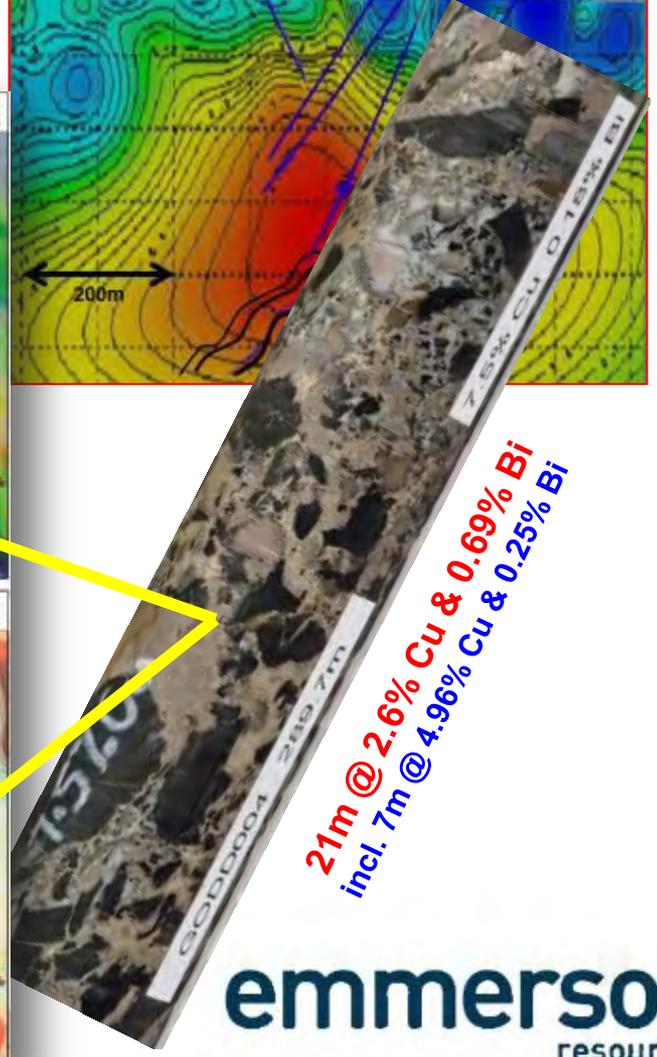
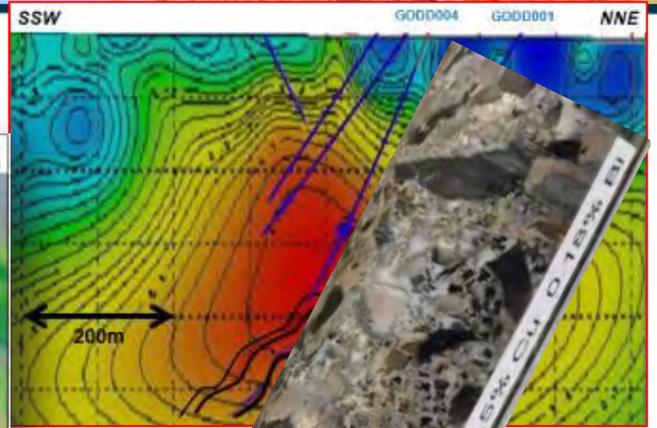
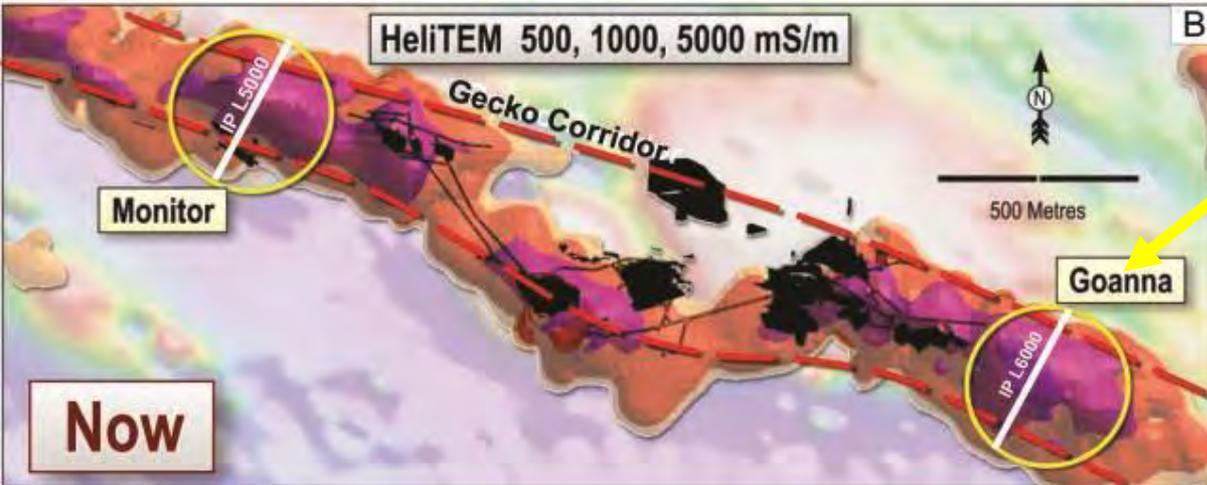
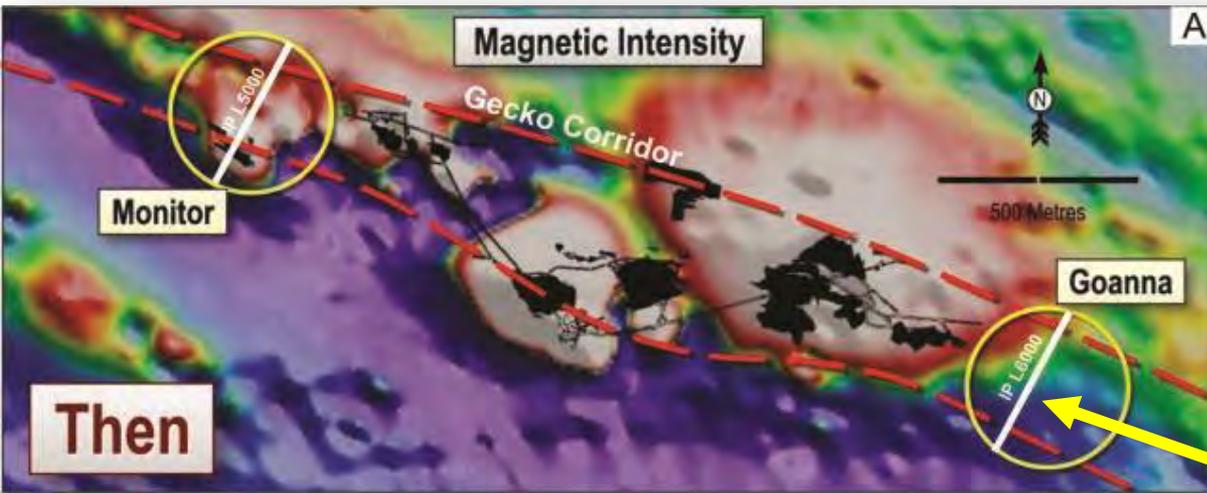
# Prediction + Detection = Discovery .....and creation of shareholder value for ERM

## Effective Prediction and Detection = Discoveries

### Tennant Creek



# First application of high power airborne EM = discovery of Goanna & Monitor Cu-Au



**21m @ 2.6% Cu & 0.69% Bi**  
**incl. 7m @ 4.96% Cu & 0.25% Bi**

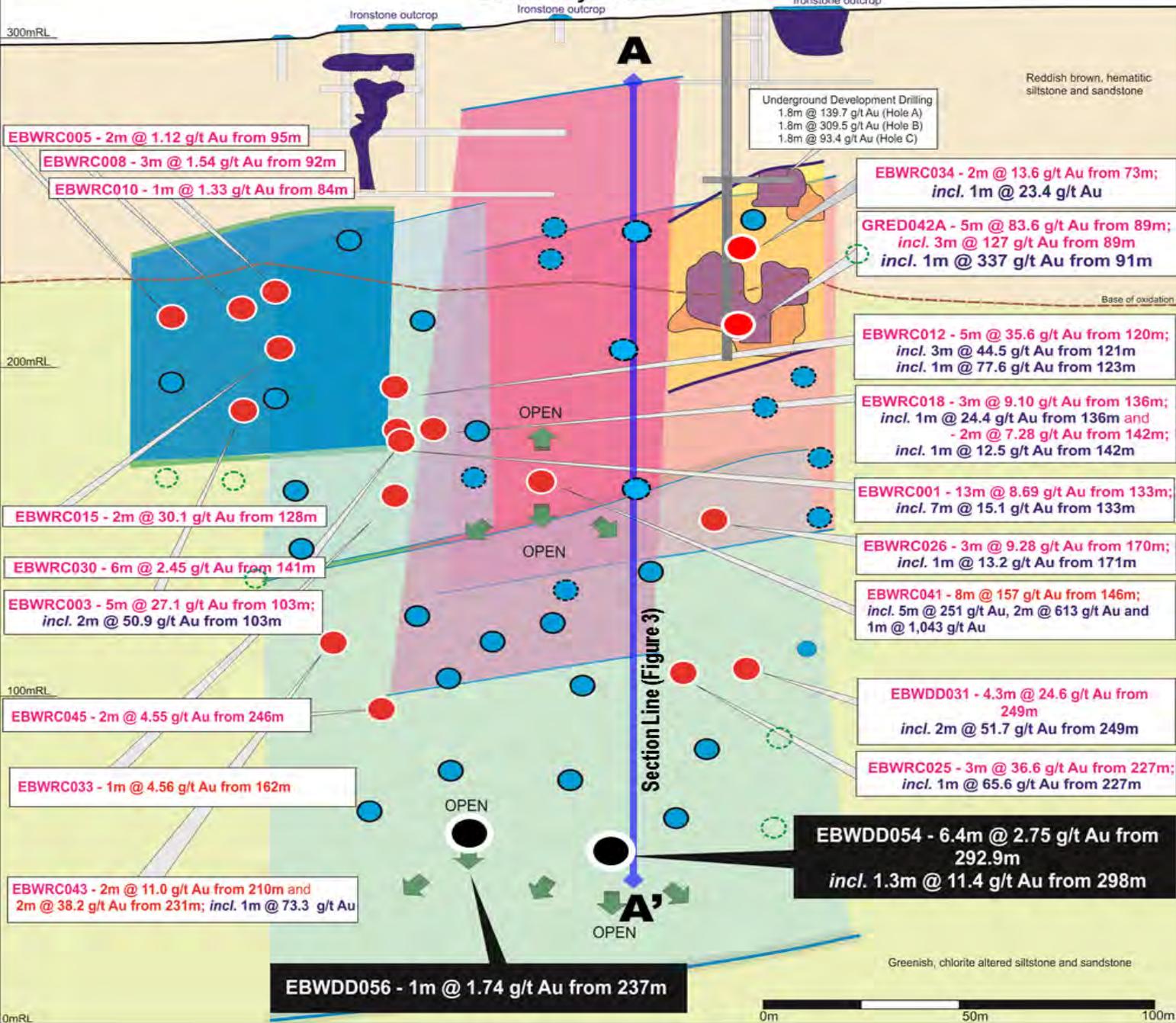
WEST

Edna Beryl West

Edna Beryl North

Edna Beryl Mine (East)  
(Under Construction)

EAST



Long Section along 079° Azim Looking NNW

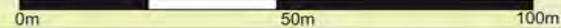
- Ironstone 1 Edna Beryl Main
- Ironstone 2 Edna Beryl South
- Ironstone 3 Edna Beryl North
- Ironstone 4 Edna Beryl Far North

Tribute Agreement Area

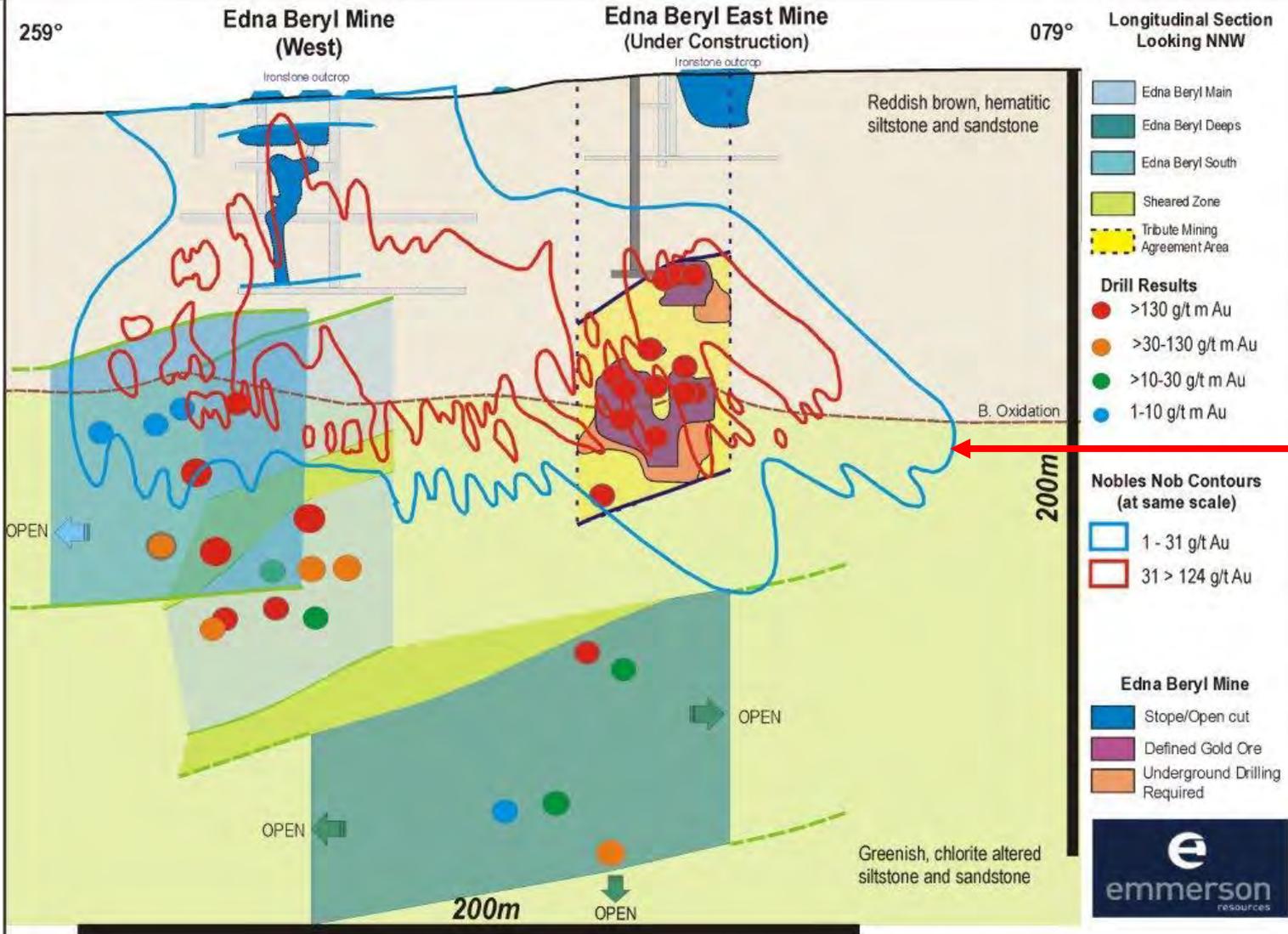
GOLD INTERSECTIONS ASX Announcement

- Emmerson Drilling with Au intersections
- ERM Drilling Ironstone intersections
- ERM Drilling No significant Au intersections
- Results not returned from Laboratory

- Edna Beryl Mine
- Stope/Open cut
- Defined Gold Ore
- Underground Drilling Required



# Size comparison with the historical Nobles Nob mine



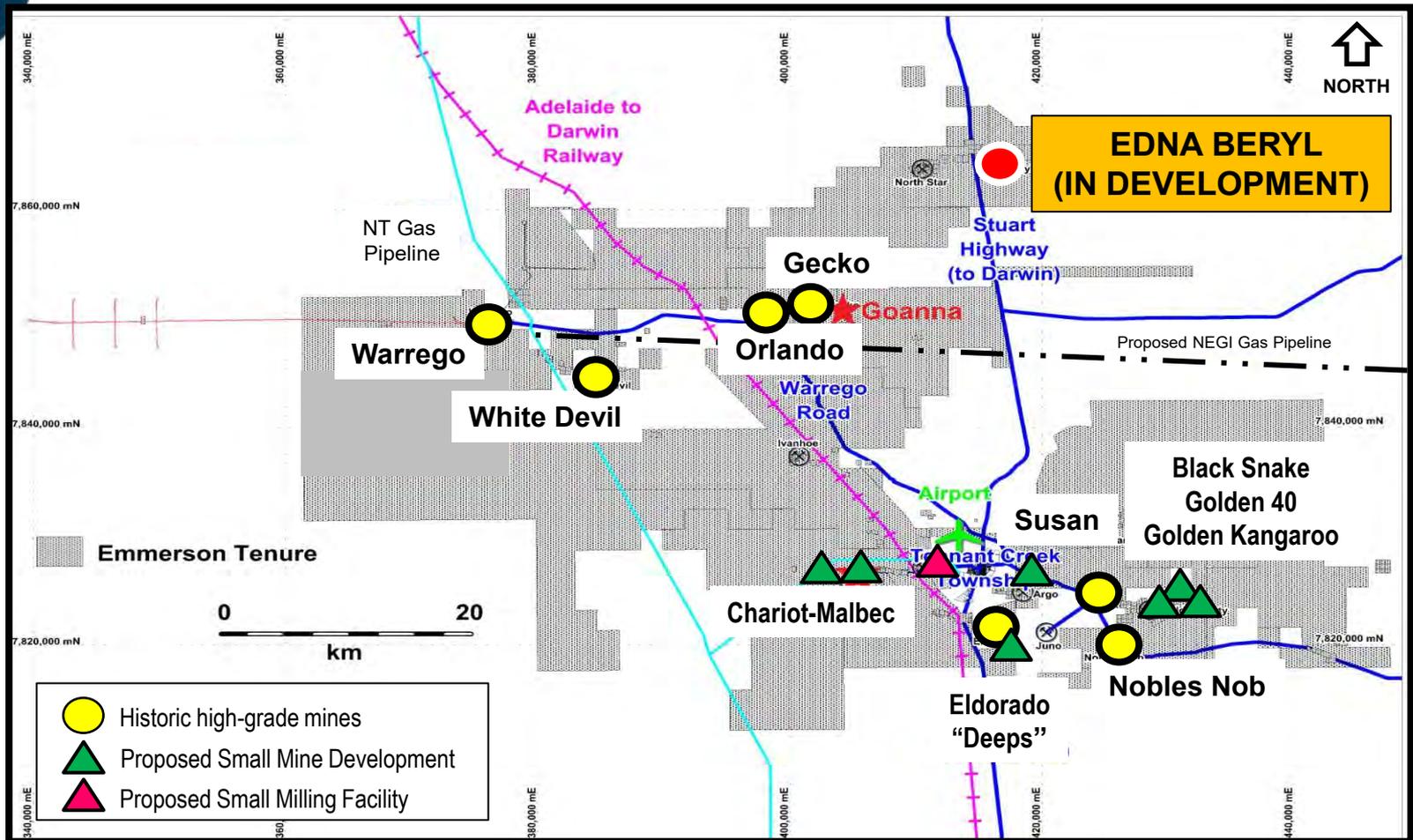
Nobles Nob was the highest grade gold mine in Tennant Creek (and Australia) (produced +1.1moz)

Nobles Nob supergene gold grade contours at the same scale as Edna Beryl

Edna Beryl has supergene and primary gold potential

# Strategy 2 - Small Mines

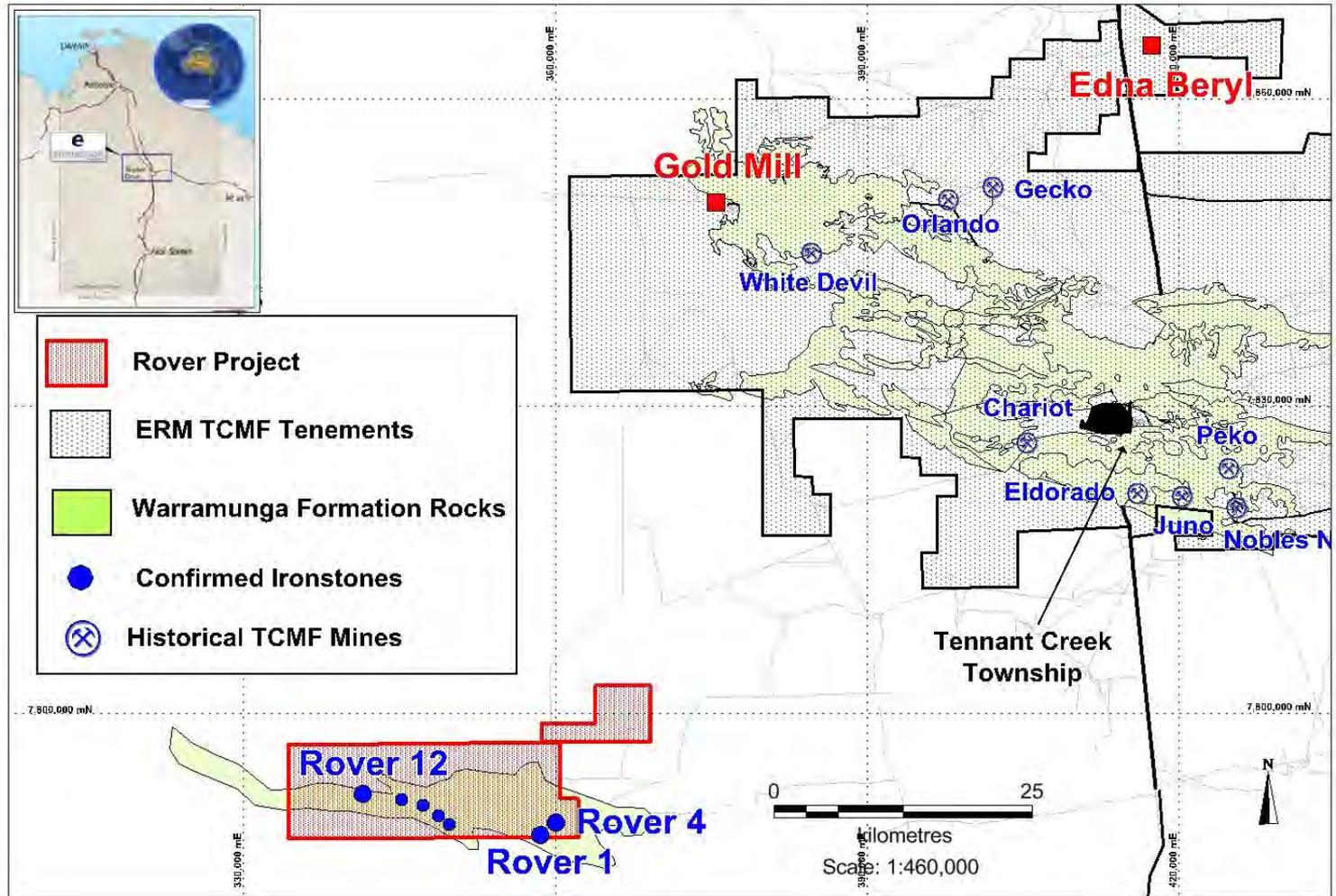
## Risk free cash from high grade resources



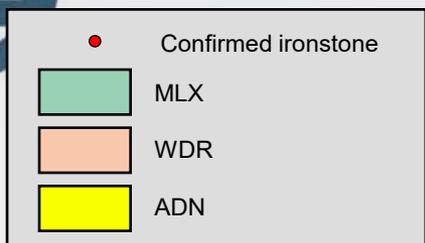
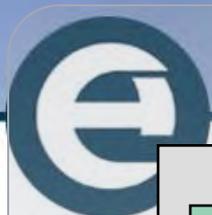
# Edna Beryl Mine, the first of the small mines



# Strategy 3 Rover Project - Farm-in and JV with Andromeda (formally Adelaide Resources)



# Adelaide/Andromeda controls some of the best ground within the explorable window



Currently confirmed extent of Rover Field

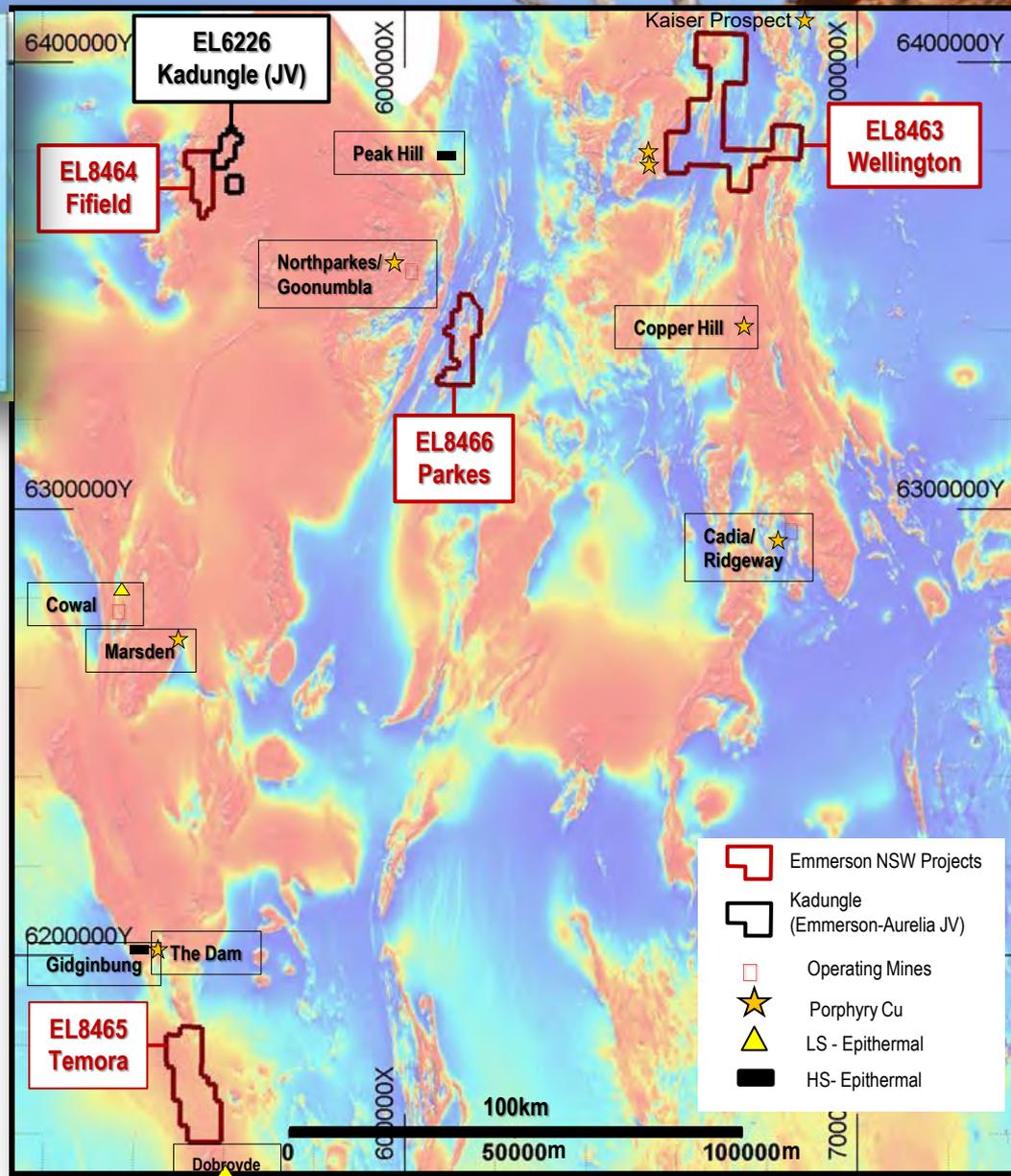
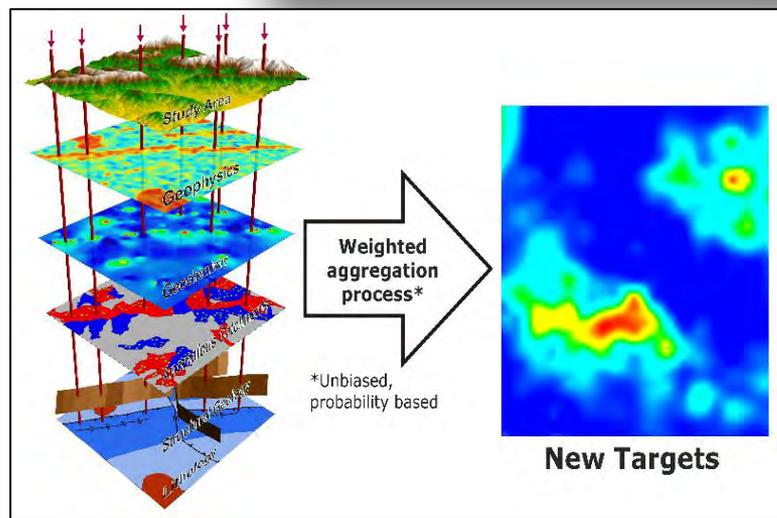
Tennant Creek

40km



# Strategy 3 – the biggest value driver is discovery

Prediction + Detection = New Discoveries in NSW and the NT



## New South Wales Projects

# Summary and Conclusions



- Tennant Creek Exploration fully funded by Evolution Mining – have spent ~\$11.7m of the \$15m to earn 65% of the Tennant Project
- 2017 Exploration Program yet to be finalised but will include a detailed ground gravity survey at Edna Beryl and Deep Penetrating IP at Rover – ahead of drilling (strategy 1)
- Small Mines to monetise existing high grade resources and expand near mine exploration (strategy 2)
- New technology and ideas continue to drive exploration.....both in Tennant Creek (strategy 1) and identifying new gold-copper opportunities (strategy 3)
- ERM remains well funded ~\$4.7m in cash plus potential for risk free cash from small mines
- Highly leveraged to success across all strategic horizons



# The Emmerson Team



# Competent Person Statements



The information in this report relating to Exploration Results is based on information compiled by Mr Steve Russell, who is a Member of the Australian Institute of Geoscientists and has sufficient exploration 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 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Russell is a full time employee of Emmerson Resources Ltd. Mr Russell consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report which relates to Mineral Resources is based upon information compiled by Mr Ian Glacken, who is a Fellow of the Australasian Institute of Mining and Metallurgy. Ian Glacken is an employee of Optiro Pty Ltd 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 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Ian Glacken consents to the inclusion in the report of a summary based upon his information in the form and context in which in appears.

**Gecko, Goanna & Orlando Mineral Resource: see details in ASX announcement "New High Grade Drill Results & Upgrade to Resource Inventory" released on 18 October 2013.**

**Chariot Mineral Resource: see details in ASX announcement "High Grade Chariot Gold Resource' released on 28 November 2013.**

The information was first disclosed under the 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 since it was last reported.

The gold equivalent calculation assumes a gold price of US\$1,363/oz for gold and US\$3.31/lb for copper and makes no allowance for metallurgical recoveries. The totals may not sum exactly due to rounding.