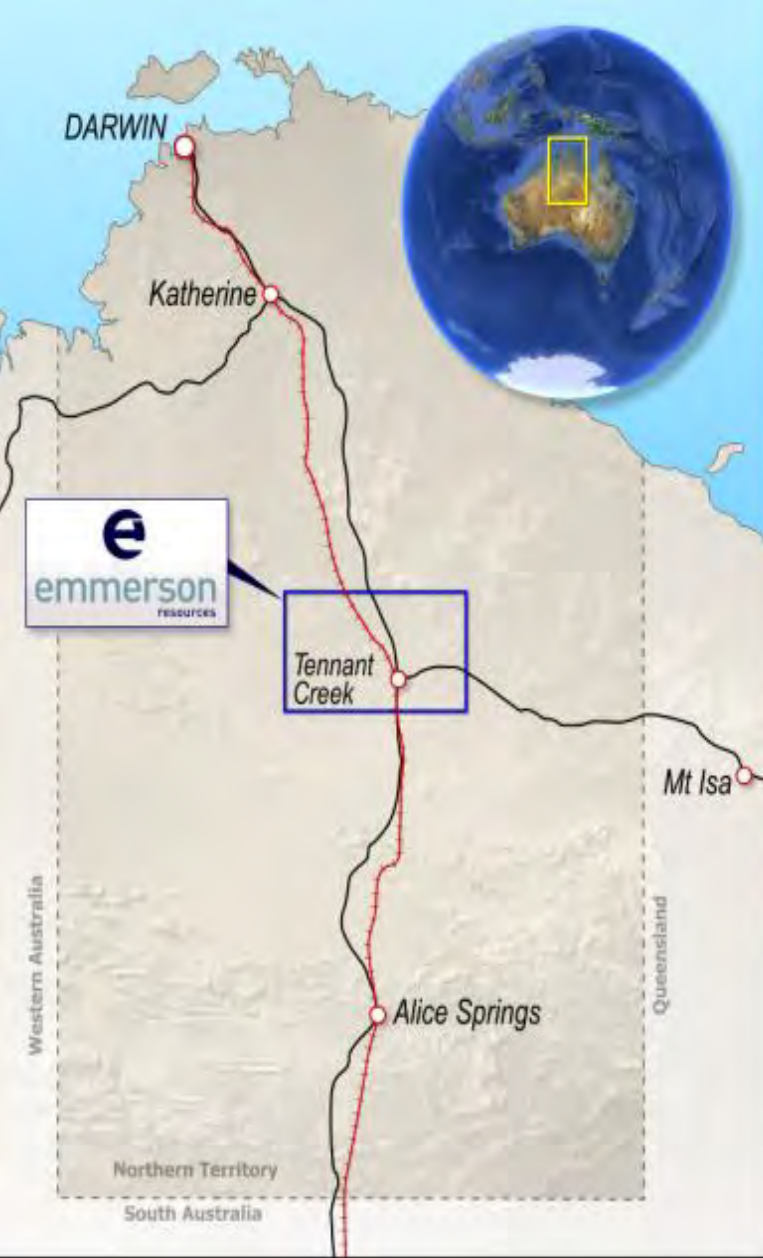


# Tennant Creek

## First New Discoveries in a Well Endowed Field



Rob Bills - Managing Director & CEO  
Emmerson Resources - Feb 2013

# Important Notice and Disclaimer

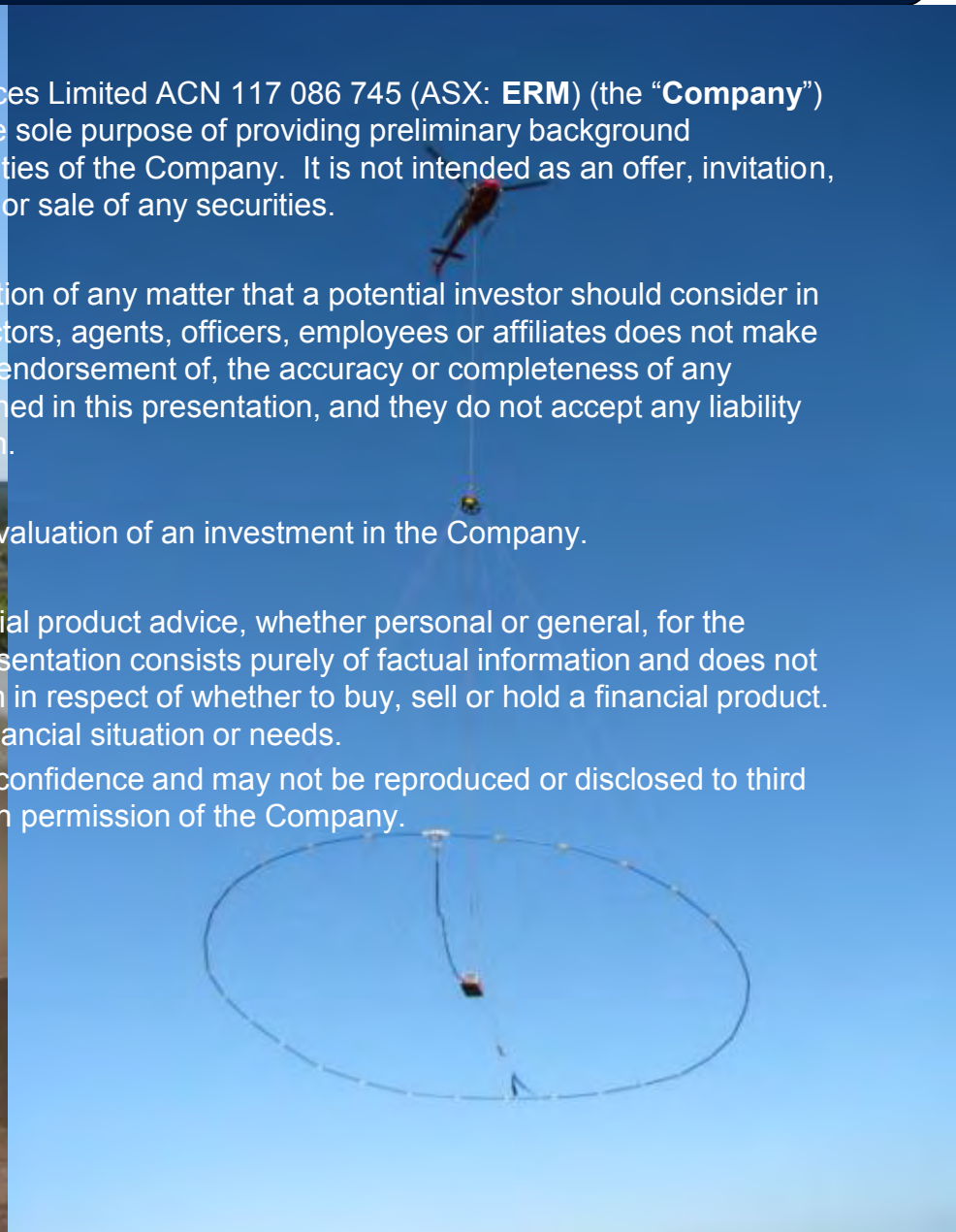
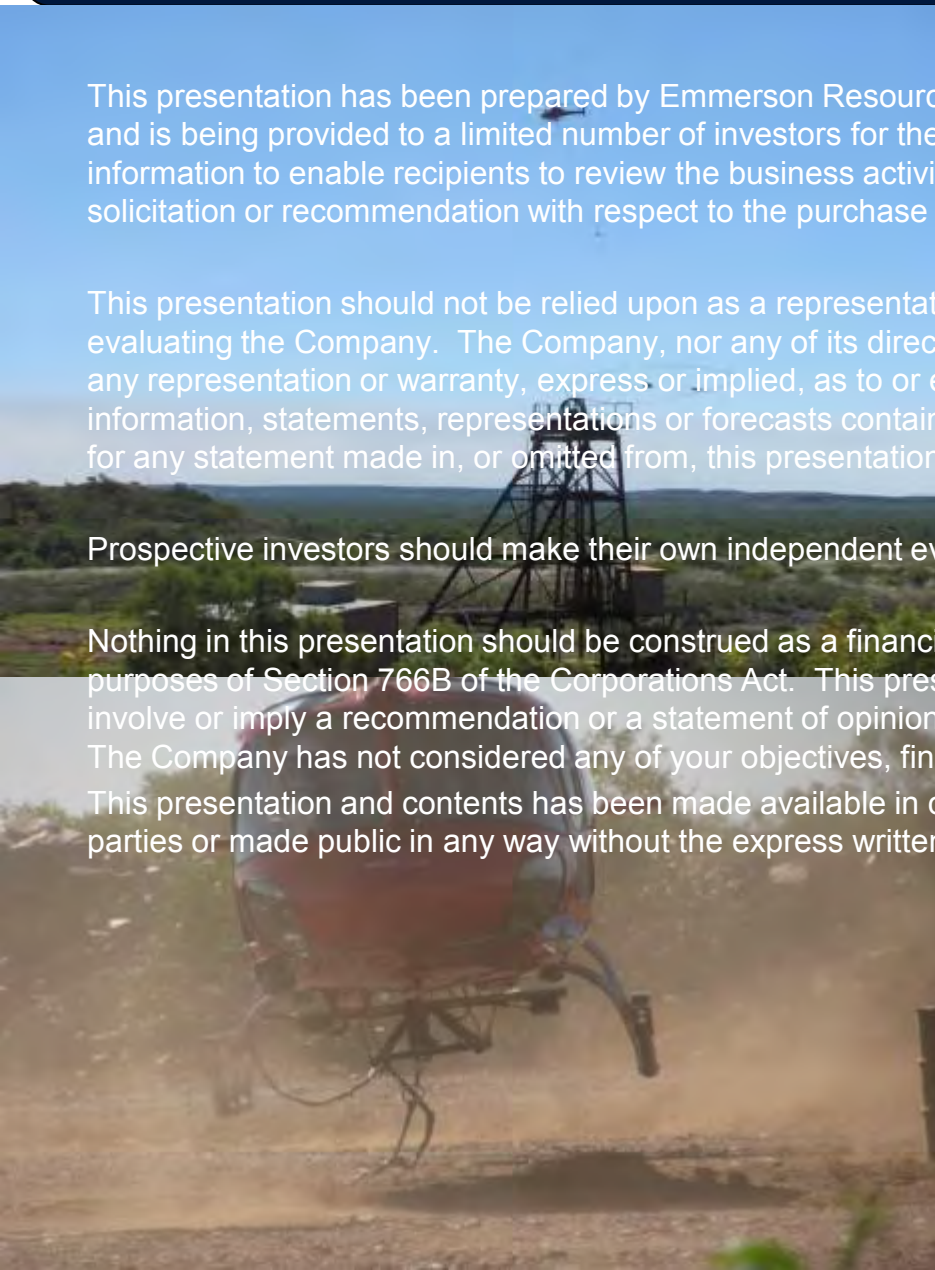
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# Capital Structure

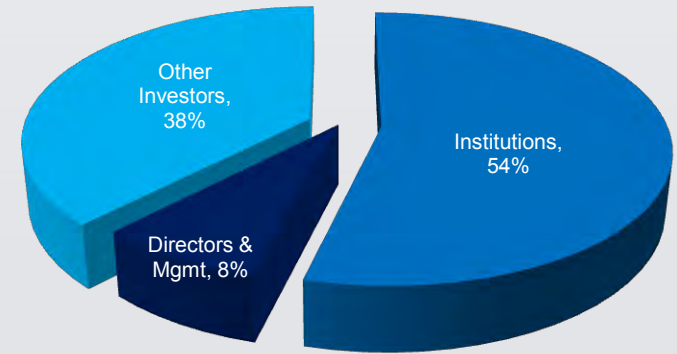
## Emmerson Resources Limited (ASX: ERM)

Shares on Issue <sup>1</sup>	261,053,963
Options on Issue <sup>2</sup>	500,000
Market Cap. (at \$0.095)	\$24.8 million
Cash (31 December 2012)	\$4.5 million
Debt	Nil
Enterprise Value	\$20.3 million

1. Excludes 2,956,250 employee performance rights

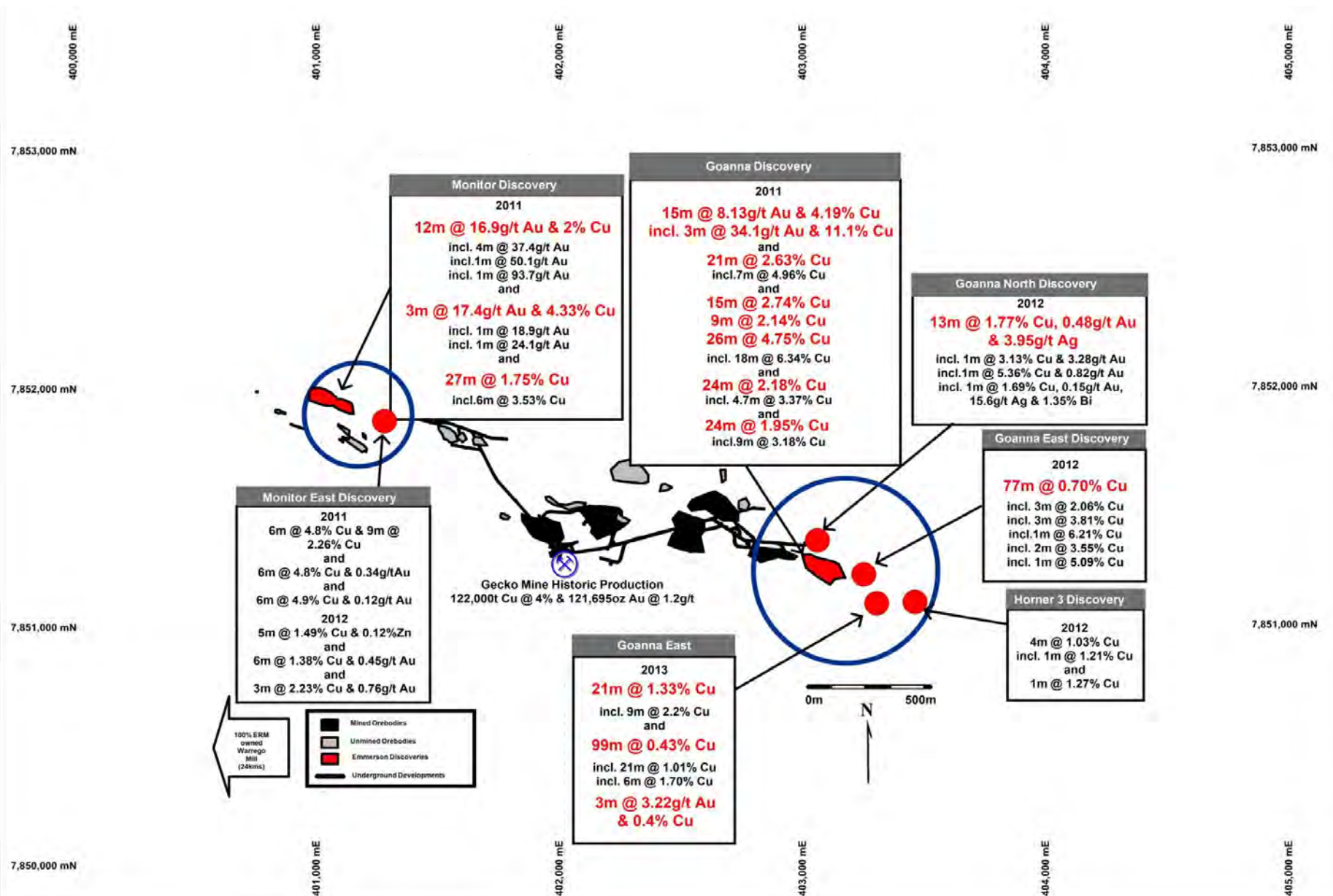
2. There are 500,000 options on issue with an exercise price of \$0.25 and an expiry date of 10/03/13

## Shareholders





# Recent Results – Growing the Resources

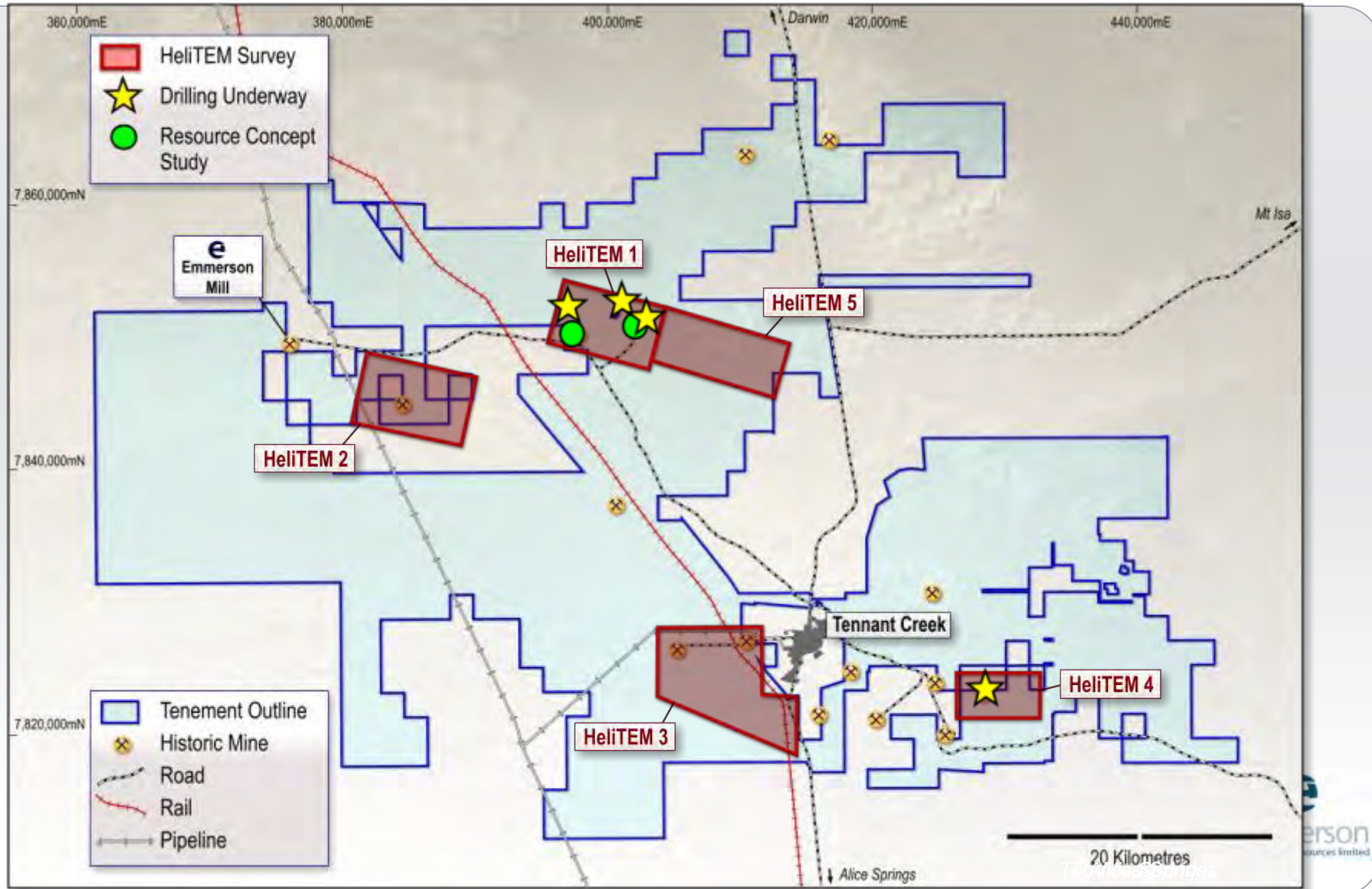


# Distinguishing Features of Emmerson

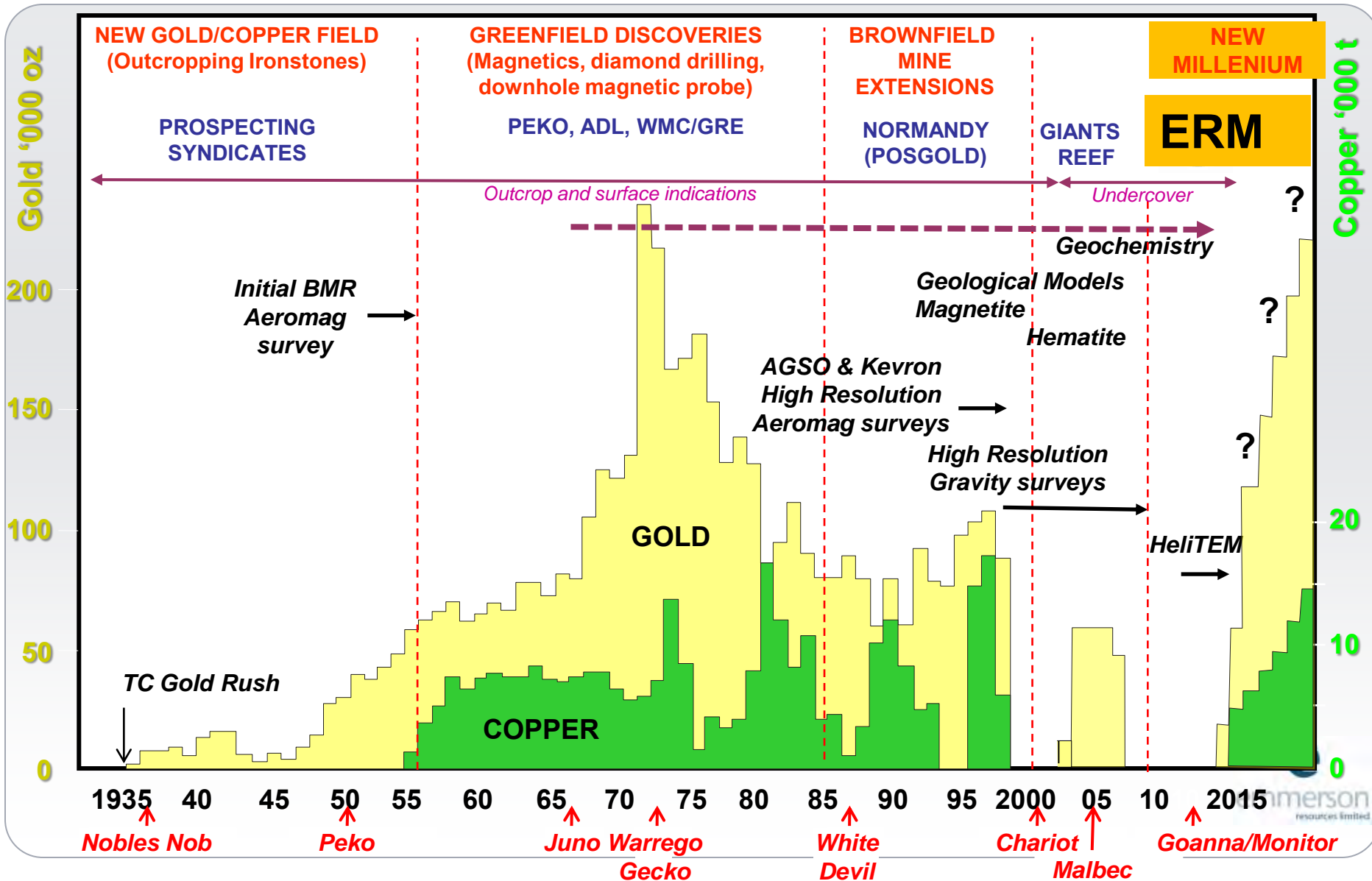


- **Dominant Position**
- **High Grade Au/Cu**
- **Strong Partner**
- **Processing Plant**
- **New Resources**
- **Big Targets**

# First time the Tennant Creek Field has been consolidated and explored with modern techniques



# New Technology Drives Discovery





# Airborne EM – a more direct targeting tool!

## HelITEM:

Most powerful in the world

Designed for deep exploration

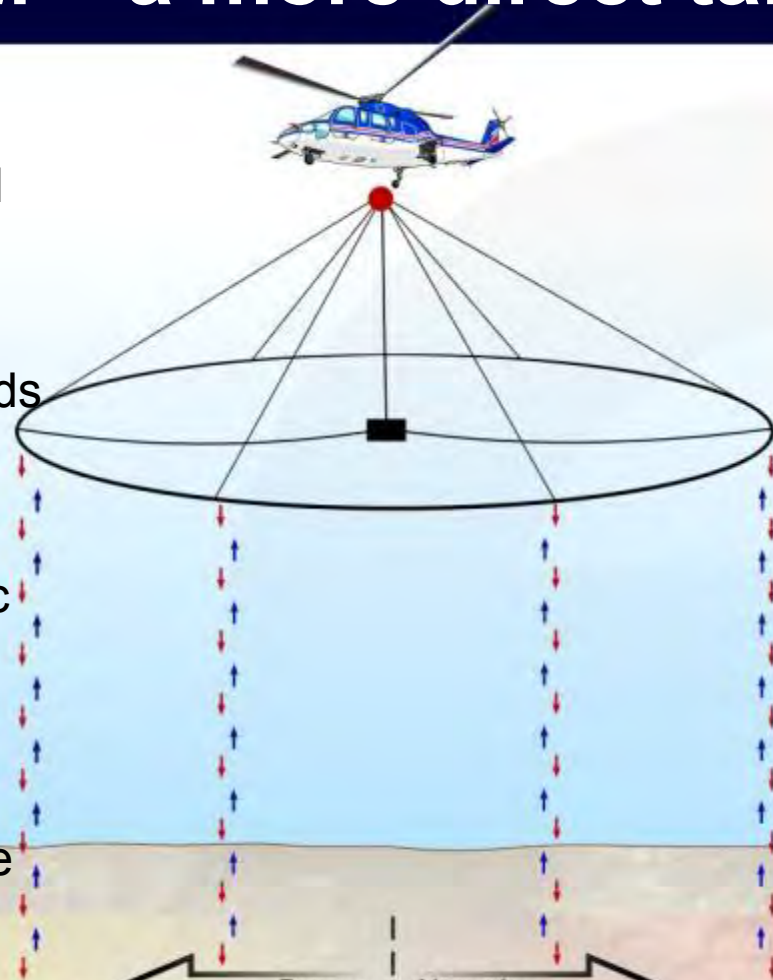
Only system with XYZ fields

Flown on 100m lines, 30-50m above ground

Measures electromagnetic field

TC deposits variably conductive

Barren host rocks resistive



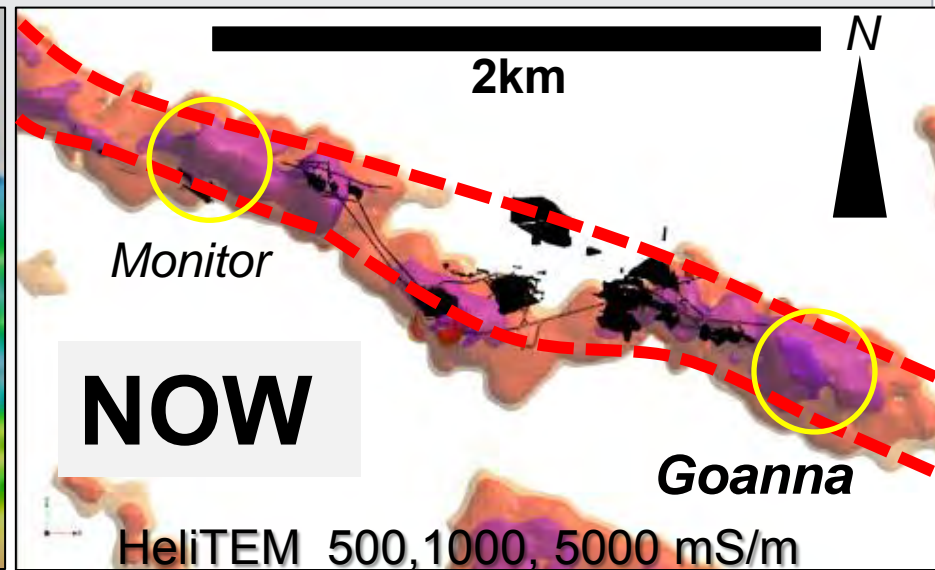
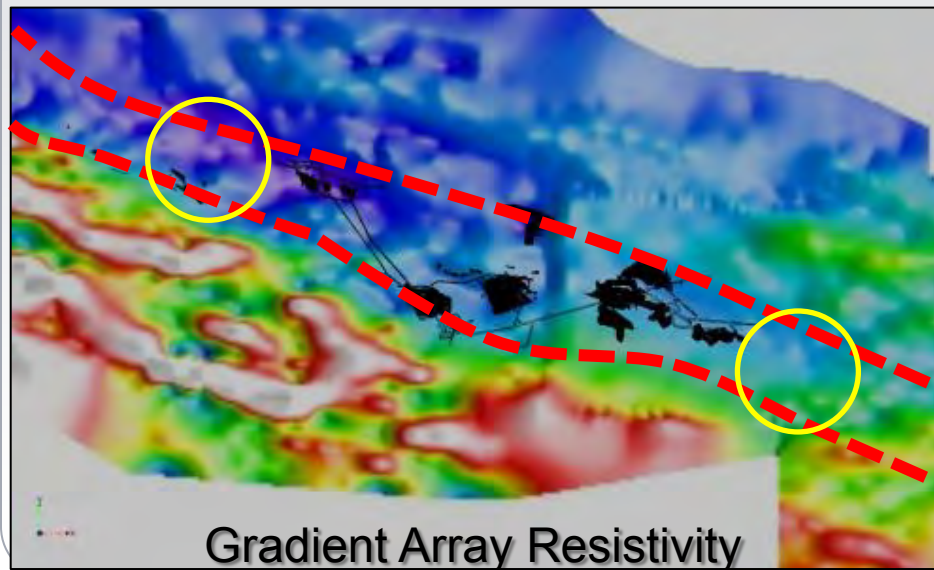
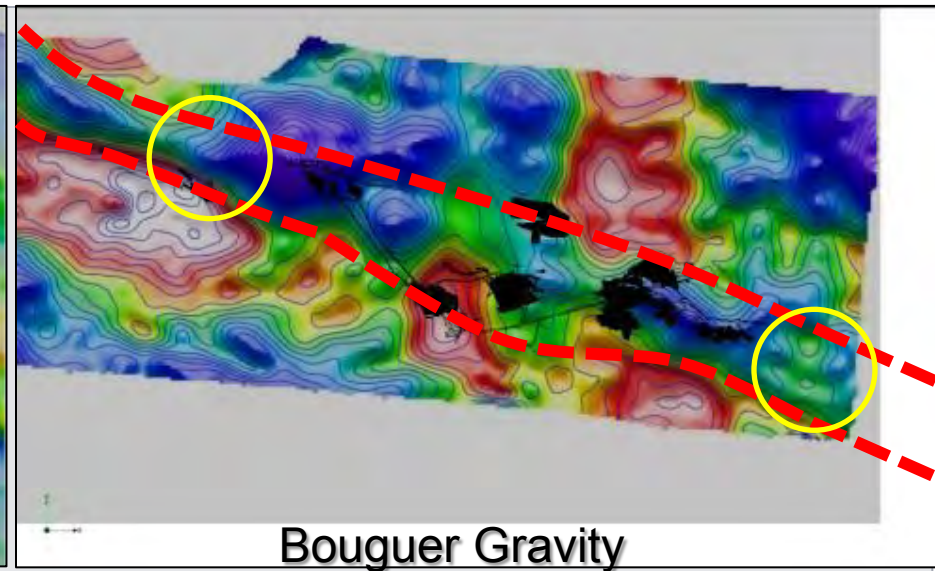
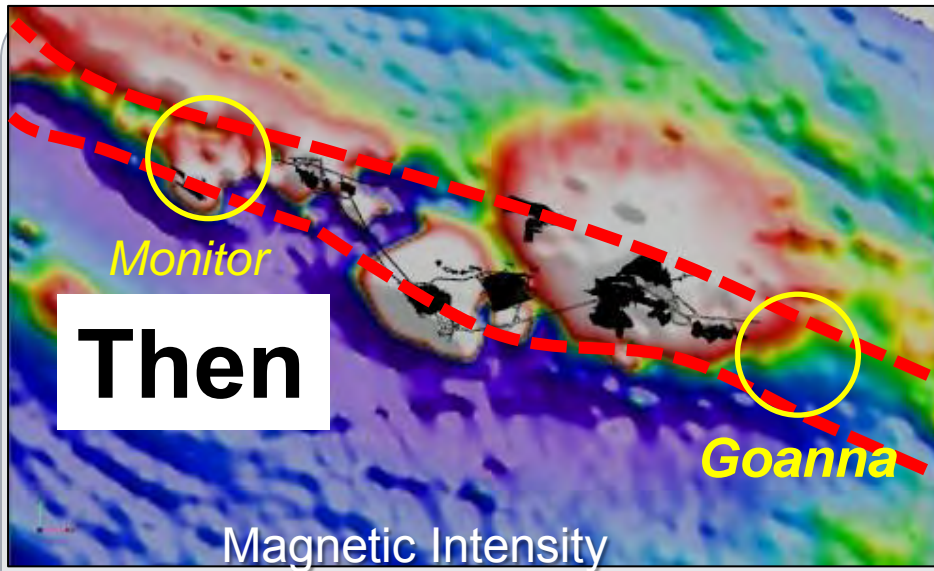
Surface



Conductivity of drill core from various deposits in the ERM tenements



# Seeing what others have not seen .....

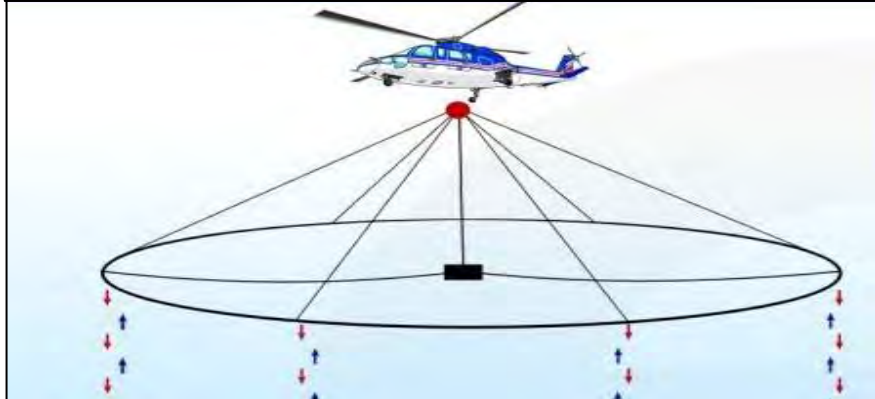


# If you're looking for elephants.....



## Tennant Creek - Then

- Australia's Highest Gold grades
- Long production history
- Prospector and magnetic geophysics



## Tennant Creek - Now

- High-Tech approach
- Multi disciplinary & systematic
- Aggressive drilling
- Discovery of a new style of deposit



## 2013 - Strategy

- Expand current resources
- New sole risk targets
- Resume JV exploration (Greenfields)

# Exploration - Objectives for 2013

## ERM Budget:

~\$5.0m and 20,000 m of drilling  
(Sole Fund blocks)

## IVA JV

- \$10m to maintain 51% within the JV area (includes \$0.5m in drilling activities this year)

## Expand Resources: Orlando, Goanna, Monitor

- Finalise interpretation and block models
- Test for extensions to Goanna and Monitor
- Test for gold at Gecko

## Progress

- Update resource inventory in Q1, 2013
- Revising interpretation based on recent drilling and geophysics
- New R&D project with James Cook Uni to refine vectors to gold

## Sole Fund Projects (100% ERM)

- Test new HeliTEM targets in existing sole fund areas
- Applied for two new Sole Fund Areas

## Progress

- Reviewing and validating HeliTEM targets within the Gecko Corridor
- Decision imminent

## Joint Venture Area (49% ERM)

- Identify new tier 1 opportunities within JV area

## Progress

- Joint targeting exercise with ERM & IVA in Tennant Creek in early 2013

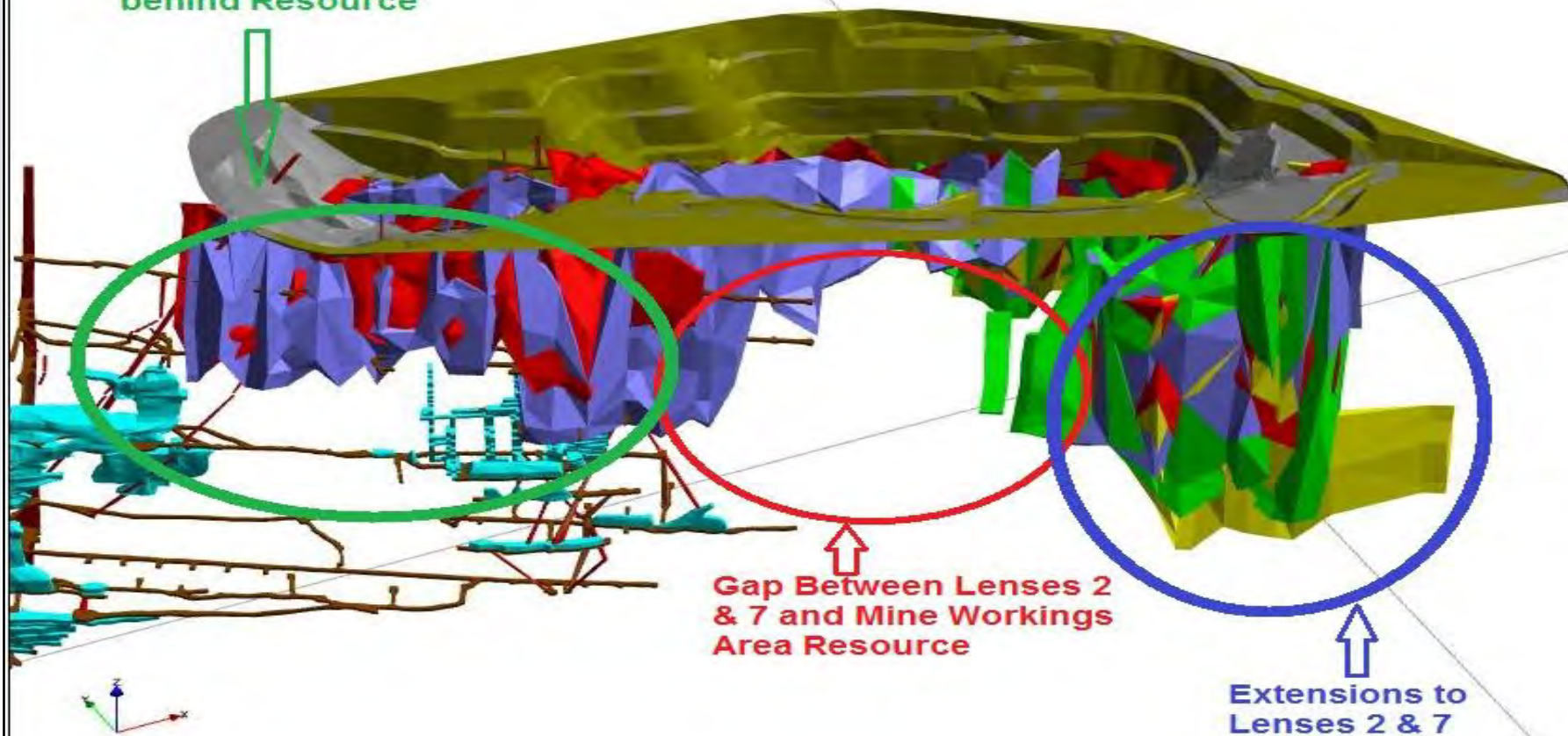


# Orlando Resource Upgrade in Q1 2013

Current JORC Resource Estimation

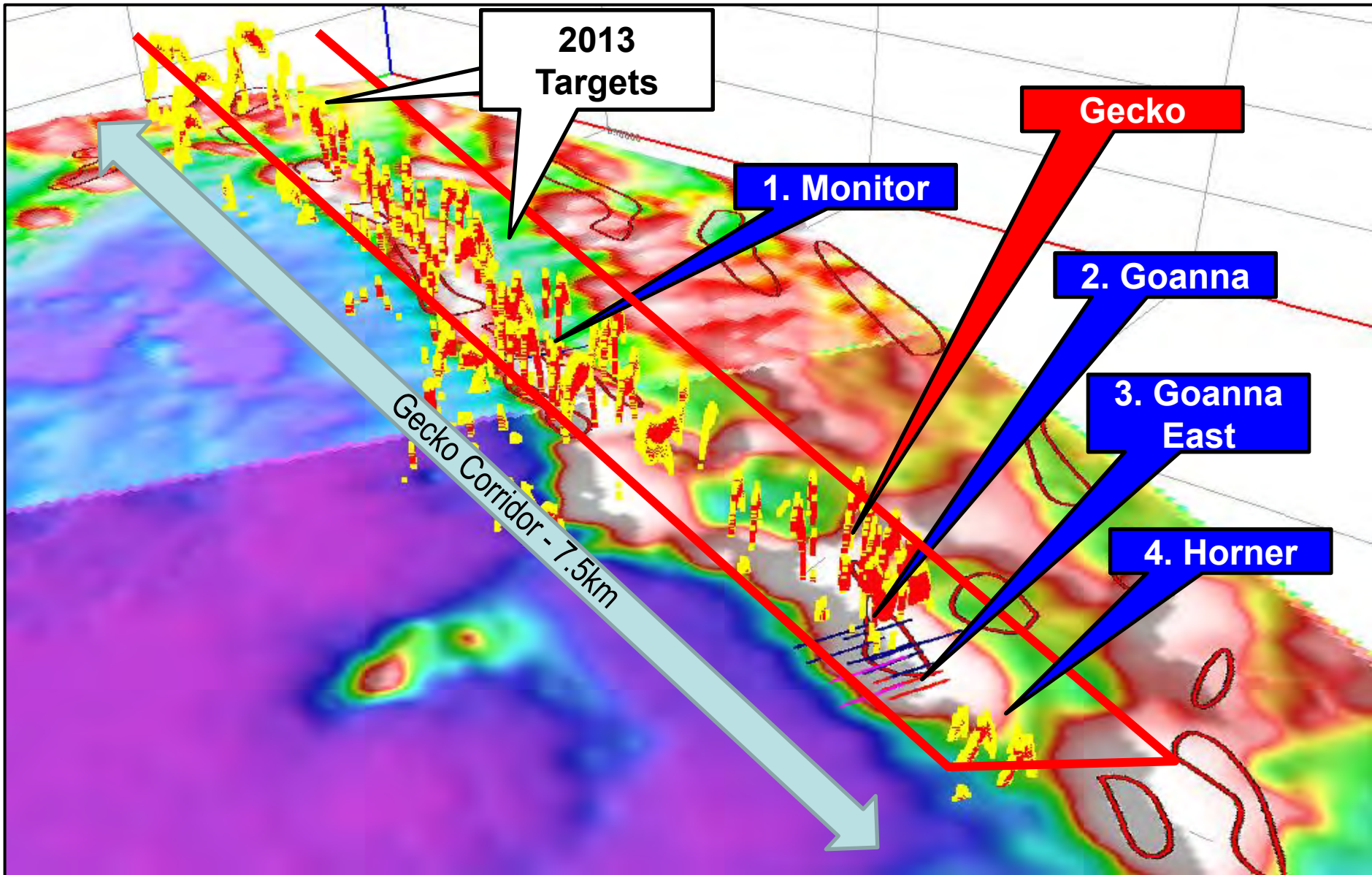
980Kt at 2 g/t Au and 1.4% Cu for 70,000 oz Au & 14,000t Cu (150,000oz AuEq)

QAQC & Test  
behind Resource



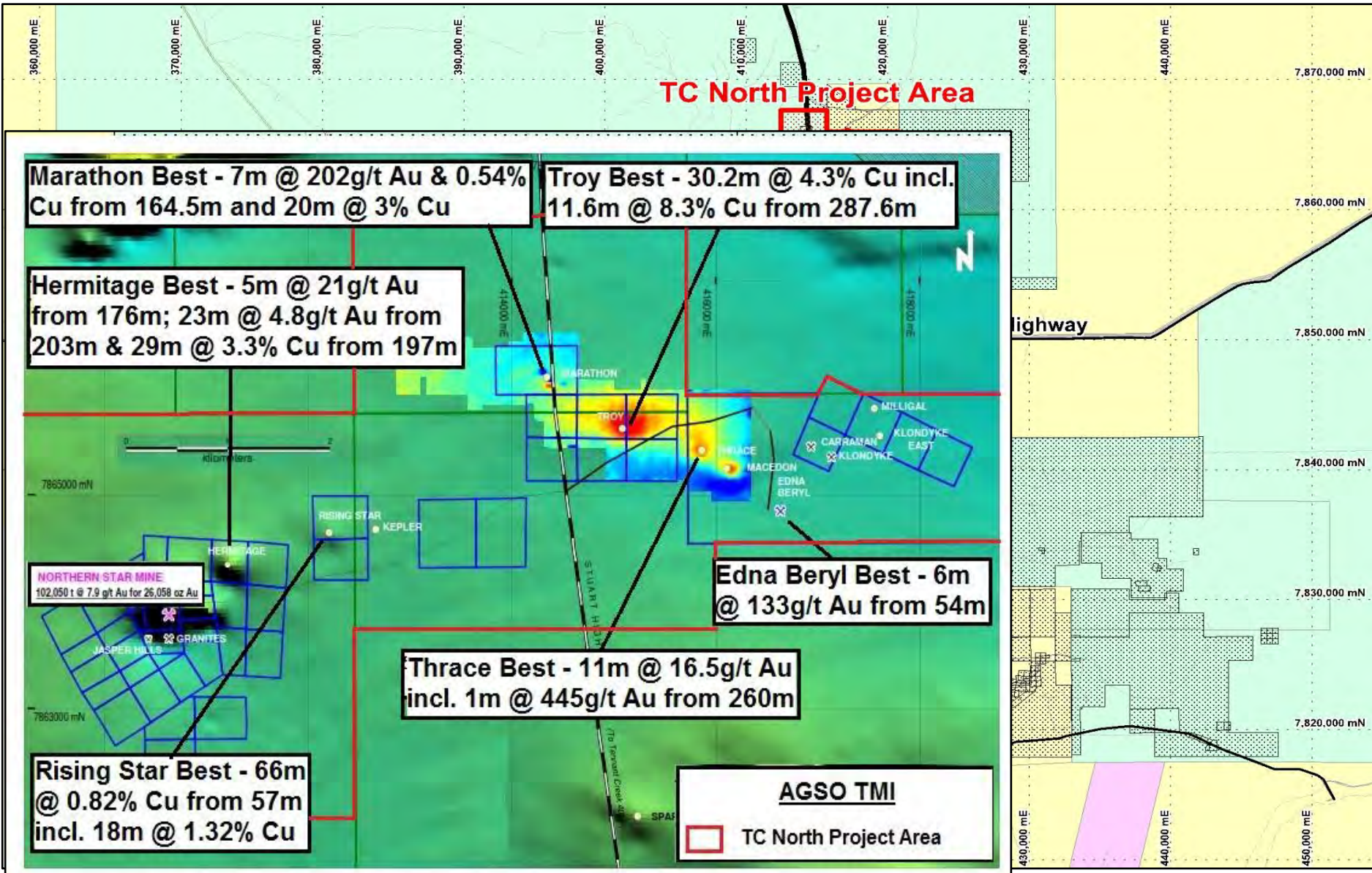


# Sole Fund Targets - Gecko HeliTEM



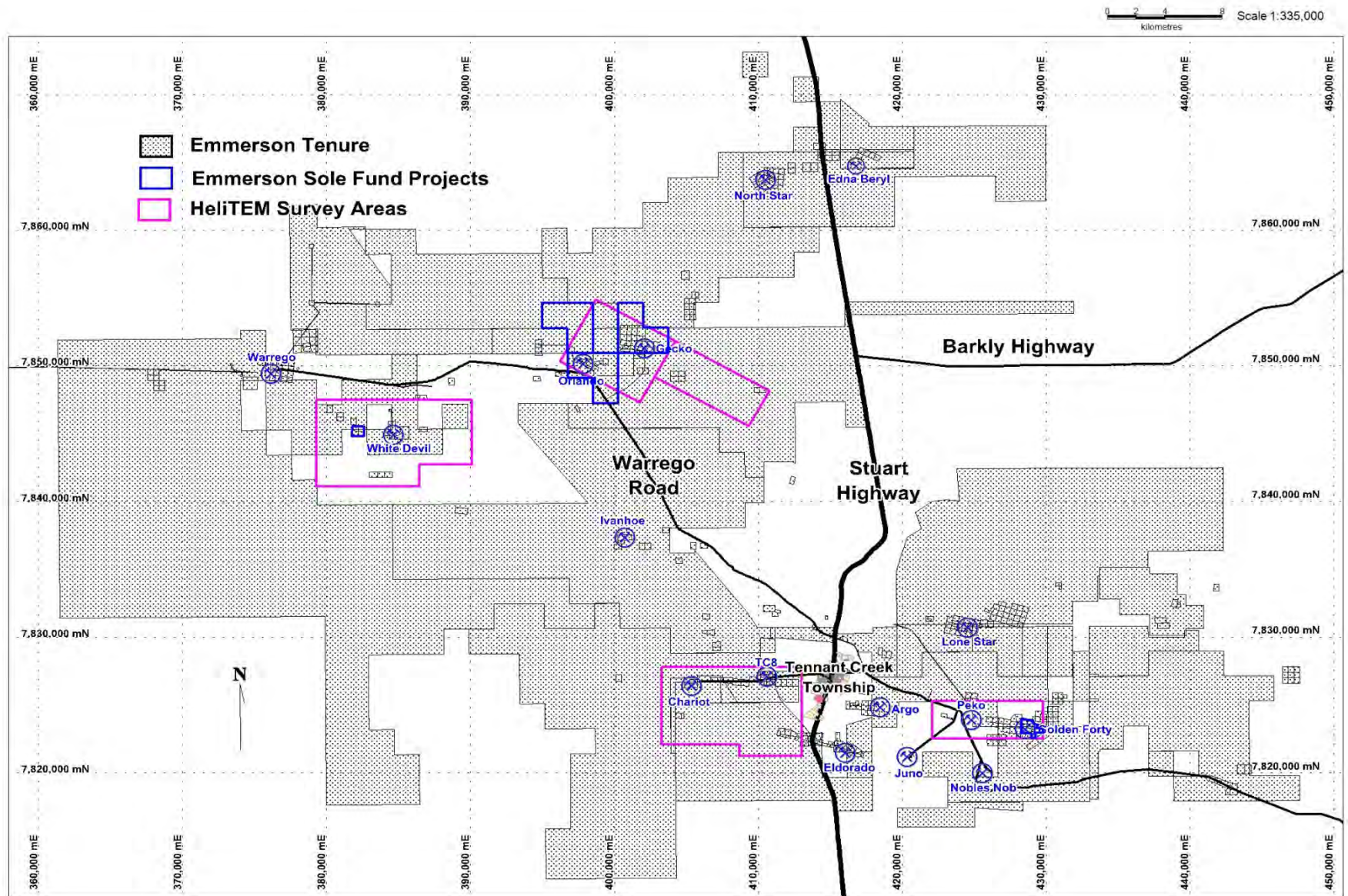


# Potential Sole Fund in NPA





# Greenfields Exploration within the JV area



# 2013 – Building on Success

- Two discoveries to date (Goanna & Monitor)
- Leverage success to new areas – new sole fund blocks, JV area
- Continue to build the resource base ahead of eventual resumption of production
- Under the terms of the JV with IVA, have applied to take out an additional two sole fund blocks this year – decision imminent
- Joint targeting workshop with IVA planned for March - tier 1 targets to follow
- Two aggressive in parallel exploration programs planned for 2013 - one funded by ERM in our “sole fund” areas, the other in the regional green fields (funded by IVA) – both managed by ERM



# Success through continued discovery and teamwork



## Competency Statement

The information in this report relating to Exploration Results and Mineral Resources 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 mineralization 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.