

# RUBIANNA RESOURCES LIMITED

ACN 139 546 428

ASX CODE: RRE

AGM - 28<sup>th</sup> November, 2012

Dr Steve Batty  
Managing Director



Within its 1450km<sup>2</sup> of tenement holdings in the Peak Hill region (that hosts the DeGrussa copper deposit, Australia's most recent copper discovery), Rubianna is delineating several high grade gold deposits that will be monetised to enable focus to be placed on exploring their copper-gold and base-metal prospects.



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- The Information in this presentation that relates to exploration results is based on information compiled by Dr Steven Batty, who is a Member of the Australasian Institute of Geoscientists (MAIG) and a full-time employee of the company. Dr Batty 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’. Dr Batty consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.

# Outline of Presentation

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- Welcome
- Achievements for 2011 -12
- Capital Raising
- Ruby Well Gold Project
  - Scoping level feasibility study
  - Project upside
- Regional Exploration
  - Killara and North Ruby Well
- Summary and Questions



# 2011 - 12 Achievements

## APPOINTMENTS

- Matthew Svensson – Exploration Manager (March 12)
- Kieran Sheehan – Project Geologist (May 12)

## RUBY WELL PROJECT

- Bloodstone extended (Feb 12)
- High-grade intersects at Bloodstone (March 12)
- Bloodstone extended (June 12)
- High-grade intersects at Ruby Anna East (June 12)
- **Maiden inferred JORC resource (July 12)**
- **Scoping-level Optimisation (August 12)**
- High-grade rock-chip results define new targets (Nov 12)

## KILLARA

- Coincident Cu-Au anomalies identified (Feb 12)
- Six Cu-Au anomalies defined (May 12)
- New tenement applications (Nov 2012)

## NORTH RUBY WELL

- Copper-Gold targets identified (Feb 12)
- Multiple anomalous Copper horizons defined (July 12)



# Company Overview

Issued Capital	<b>77.22M</b>	<b>ordinary shares</b>
	<b>14.66M</b>	<b>options</b>
Cash (end September 2012)	<b>A\$0.87M</b>	
Major Shareholders	<b>Top 20</b>	<b>hold ~63%</b>
IPO (December 2009)	<b>A\$6M</b>	CR (April 2011) <b>~A\$1M</b>
Share Price	<b>A\$0.06</b>	<b>(28/11/2012)</b>
12 Month Range	A\$0.041 – 0.22	
Market Capitalisation	<b>A\$4.6M</b>	

## Board

<b>TERRY SMITH</b>	- <i>Chairman</i>
<b>GORDON DUNBAR</b>	- <i>Non Executive Director</i>
<b>DR STEVE BATTY</b>	- <i>Managing Director</i>

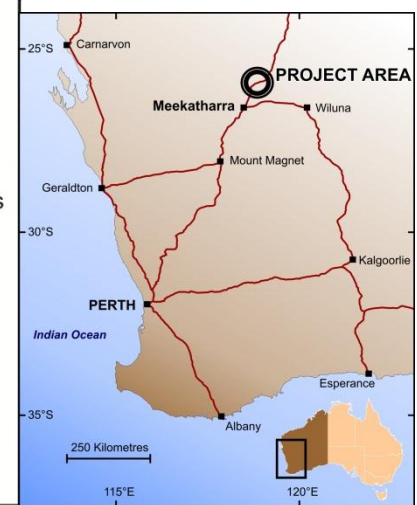
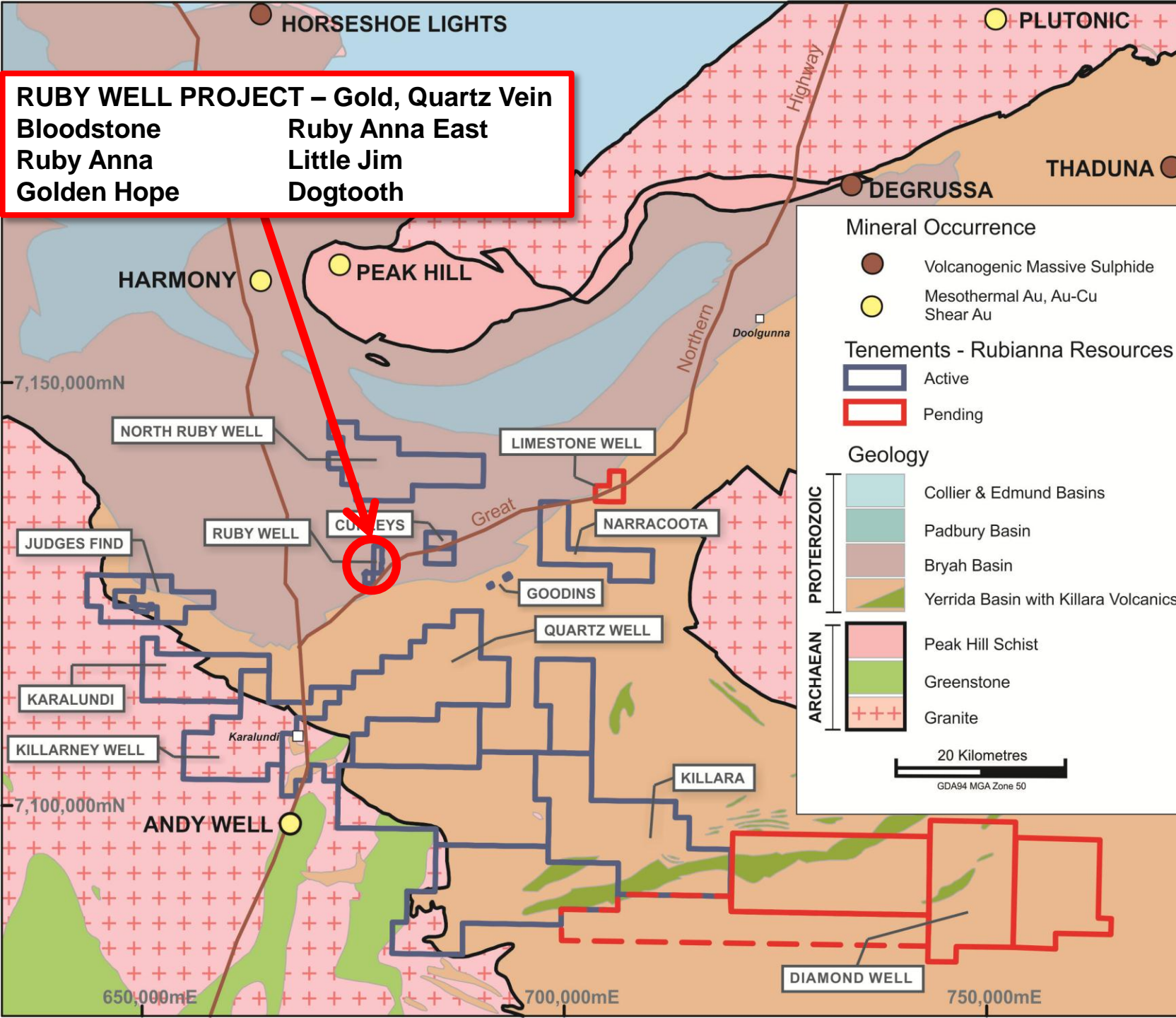
## Management

**MATTHEW SVENSSON** - *Exploration Manager*





# RUBY WELL PROJECT



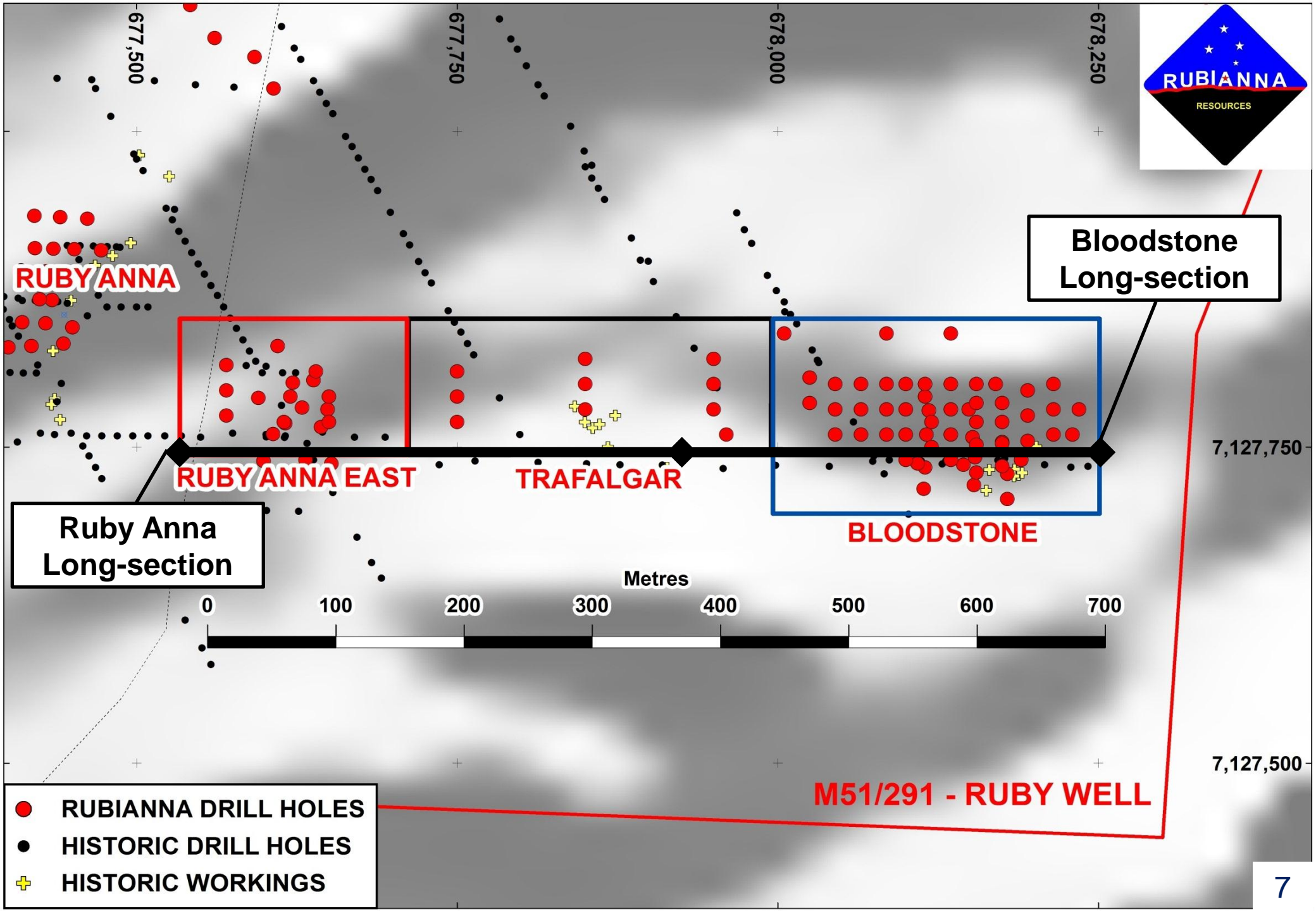
80 km north  
 of  
 Meekatharra



# Ruby Well



- Prospective for quartz hosted lode Au deposits
  - Maiden JORC resource – approximately 20,000 ounces of Au
  - Scoping level optimisation indicated a positive cash flow
    - Close to infrastructure, ~500m to Great Northern Highway
    - On existing mining lease M51/291
    - Extinguished Native Title
  - High-grade gold with good recovery (98%) from MET testing
  
- Existing resource prospects open at depth  $\pm$  along strike
  - Maximum vertical depth of drilling ~80m below surface
  
- Numerous new high quality targets
  - Recent outcrop mapping returned rock chip of 126g/t Au at Little Jim



**RUBY ANNA**

**RUBY ANNA EAST**

**TRAFALGAR**

**BLOODSTONE**

**Bloodstone Long-section**

**Ruby Anna Long-section**

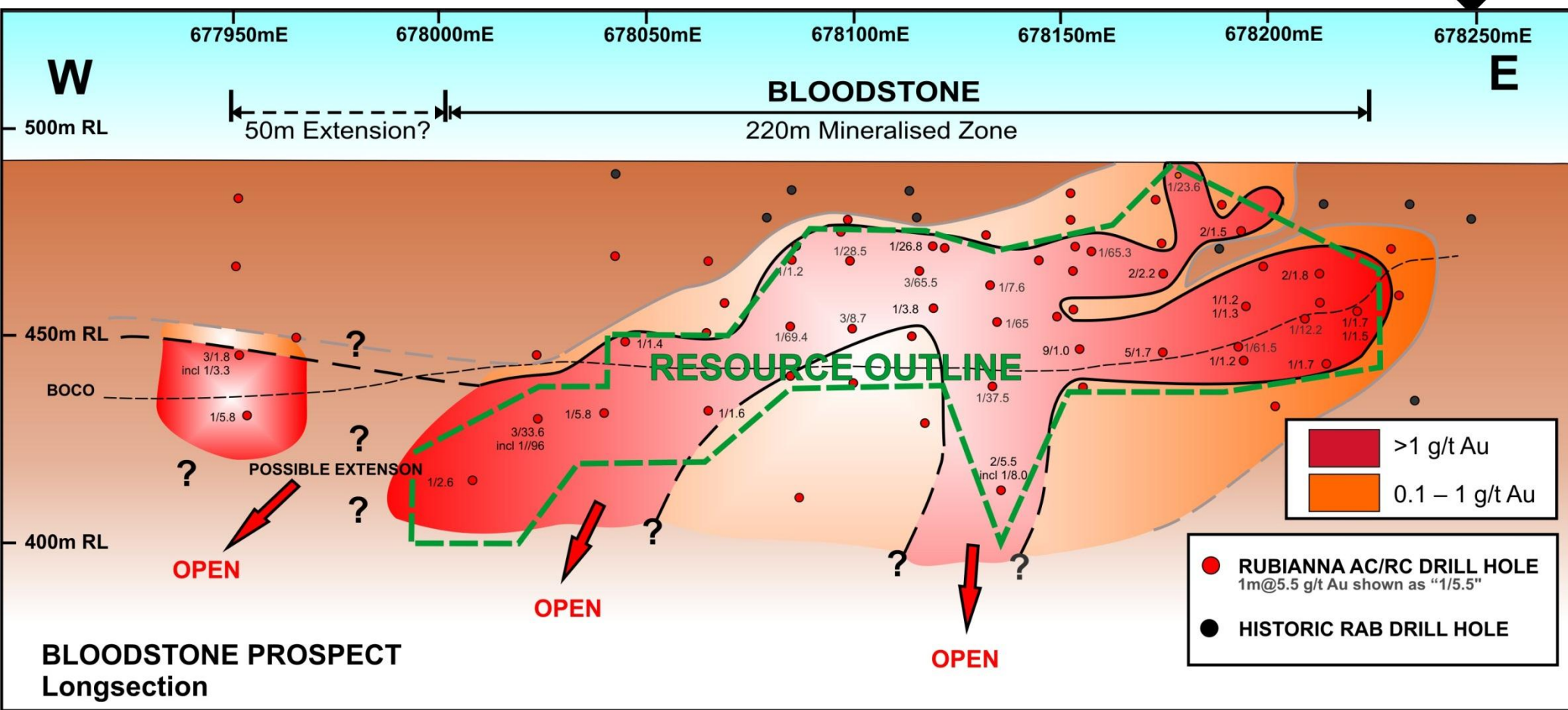
7,127,750

7,127,500

**M51/291 - RUBY WELL**

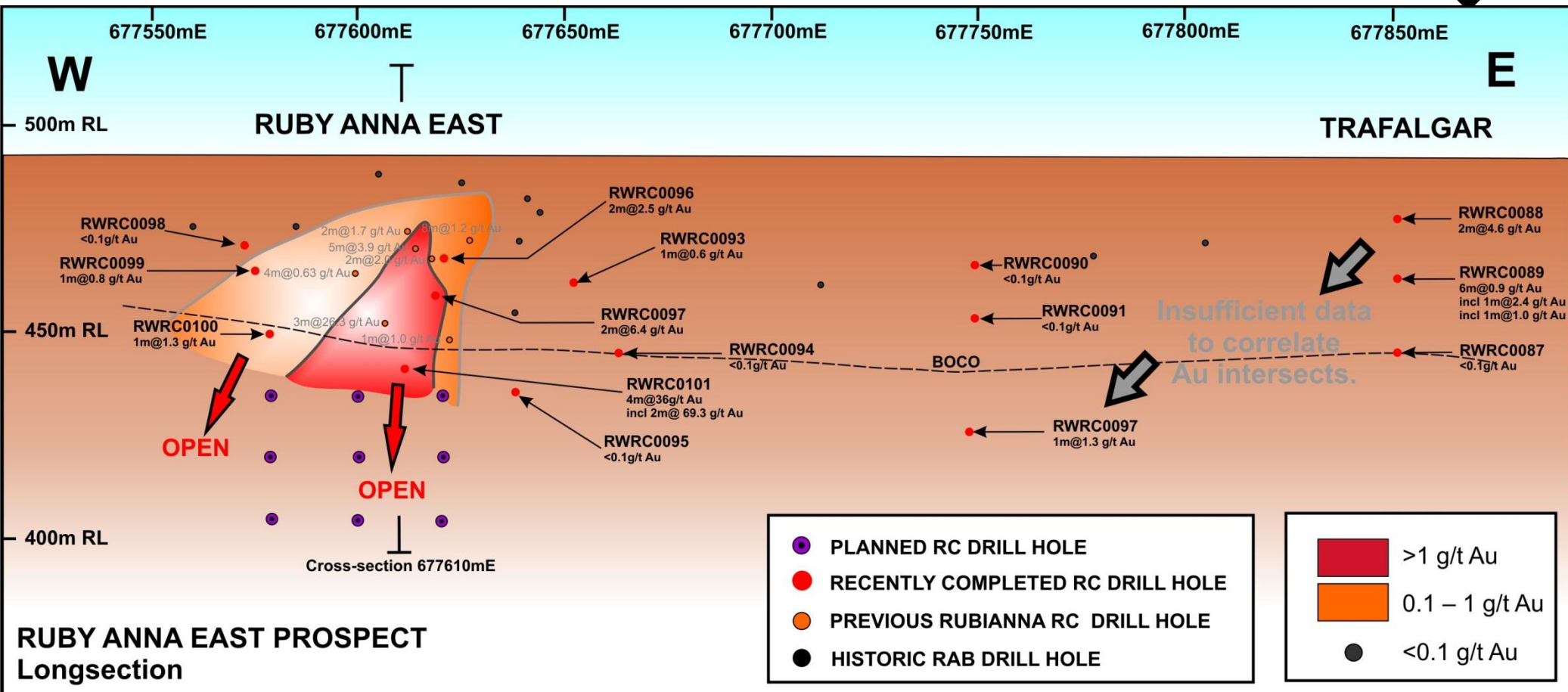
- RUBIANNA DRILL HOLES
- HISTORIC DRILL HOLES
- ⊕ HISTORIC WORKINGS





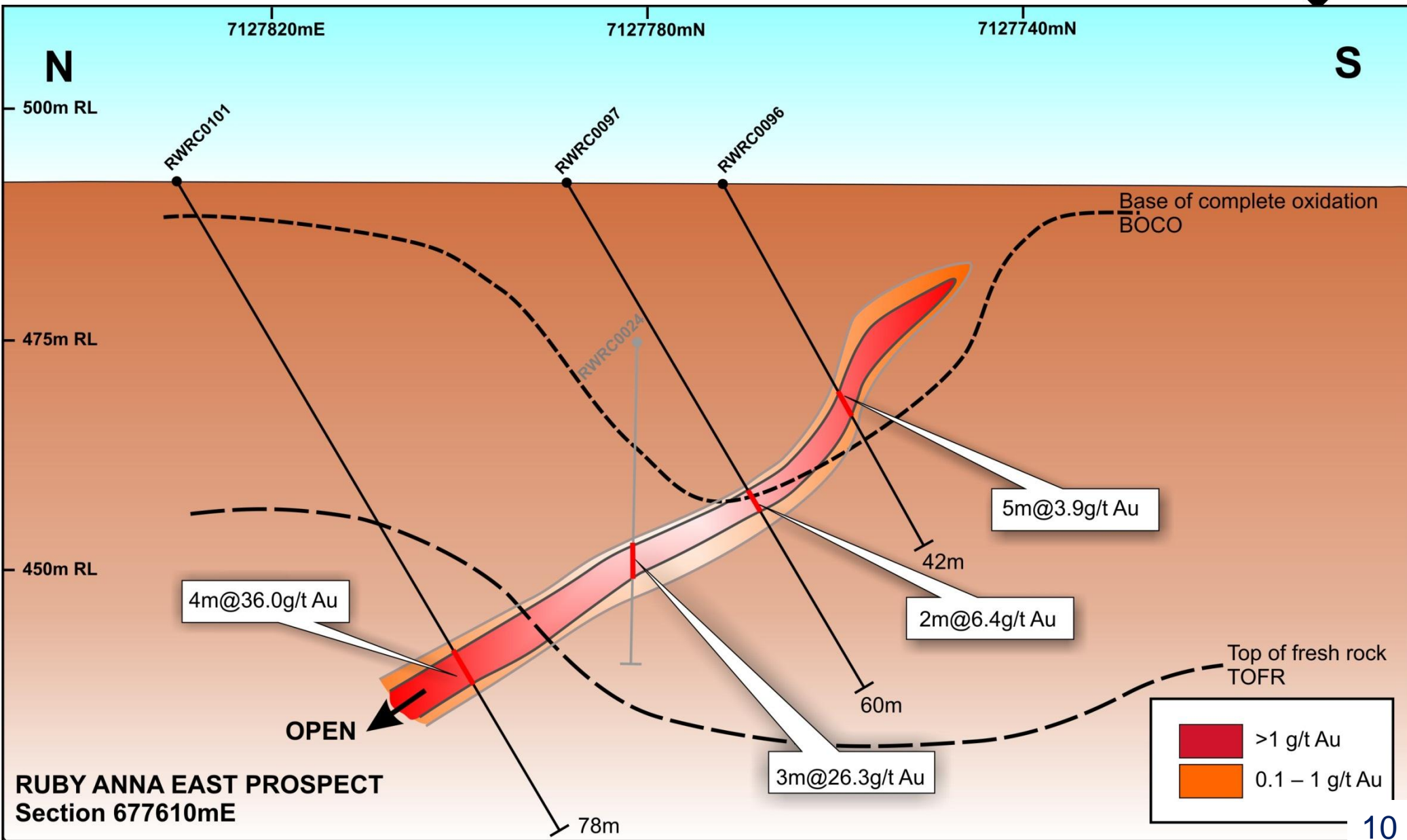
## OUR EXPECTATION

- At this stage it's a modest source of mineralisation, but sufficient to monetise.
- Significant potential for further mineralisation along strike and down plunge.



- Short-term strategy to identify resources that can be monetised
  - Mine & Toll Treat, Sell, Joint Venture,
- Mid-term strategy to expand current and find new resources
  - Similar significant mineralisation at Golden Hope, Ruby Anna, Little Jim, Dogtooth

- High-grade gold veins, near surface
- Existing Mining Lease with extinguished Native Title
- Easy access, approx. 500m to Great Northern Highway





# Ruby Well Project



## Multiple Prospects

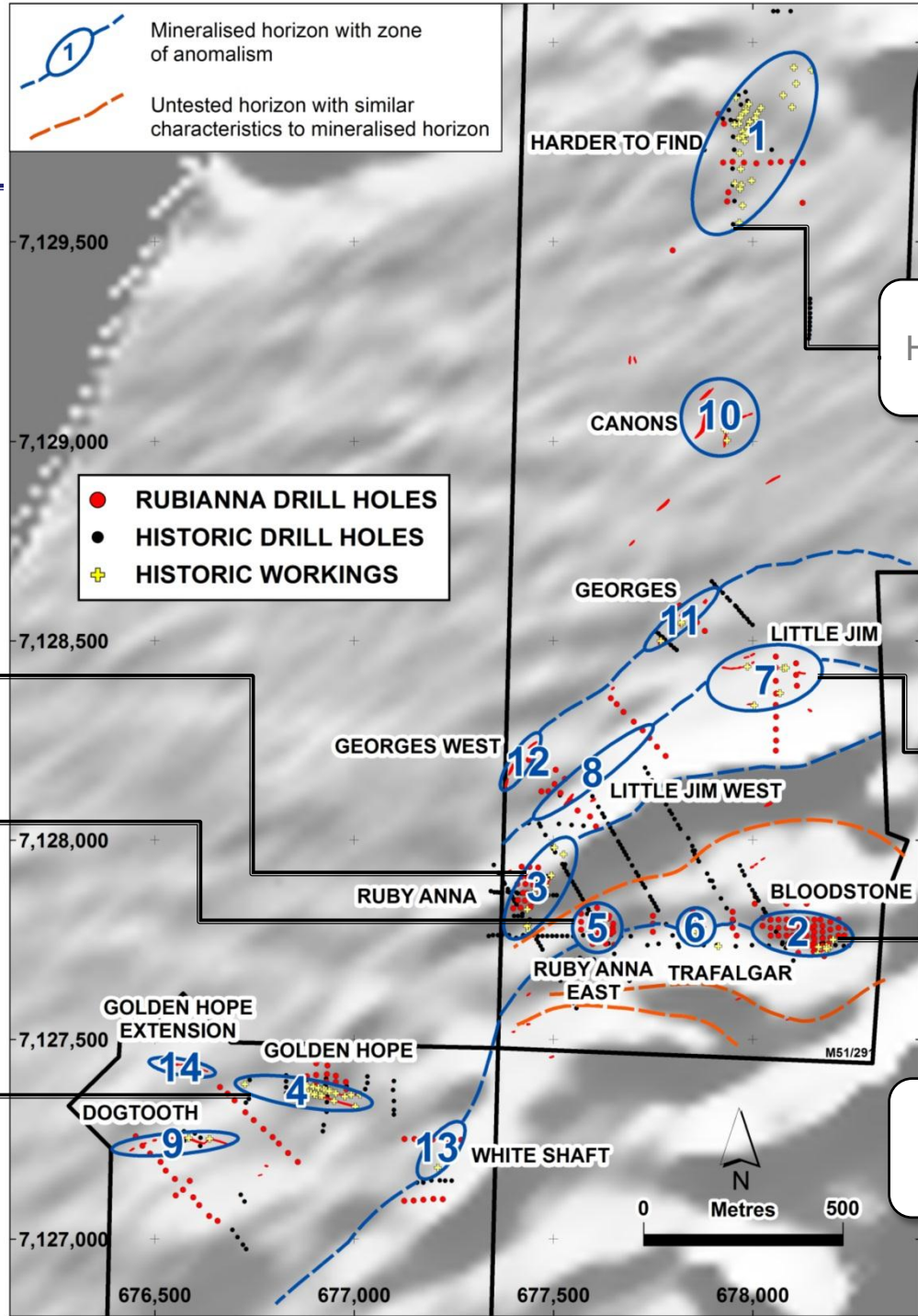


M51/291

### TARGETING

Shear hosted quartz vein gold mineralisation

 Mineralised horizon with zone of anomalism  
 Untested horizon with similar characteristics to mineralised horizon



**HARDER-TO-FIND**  
 Historic 7,000t @ 15.7g/t Au for approx 3,500 ounces

**RUBY ANNA**  
 50,000t @ 1.6g/t Au for approx. 2,400 ounces

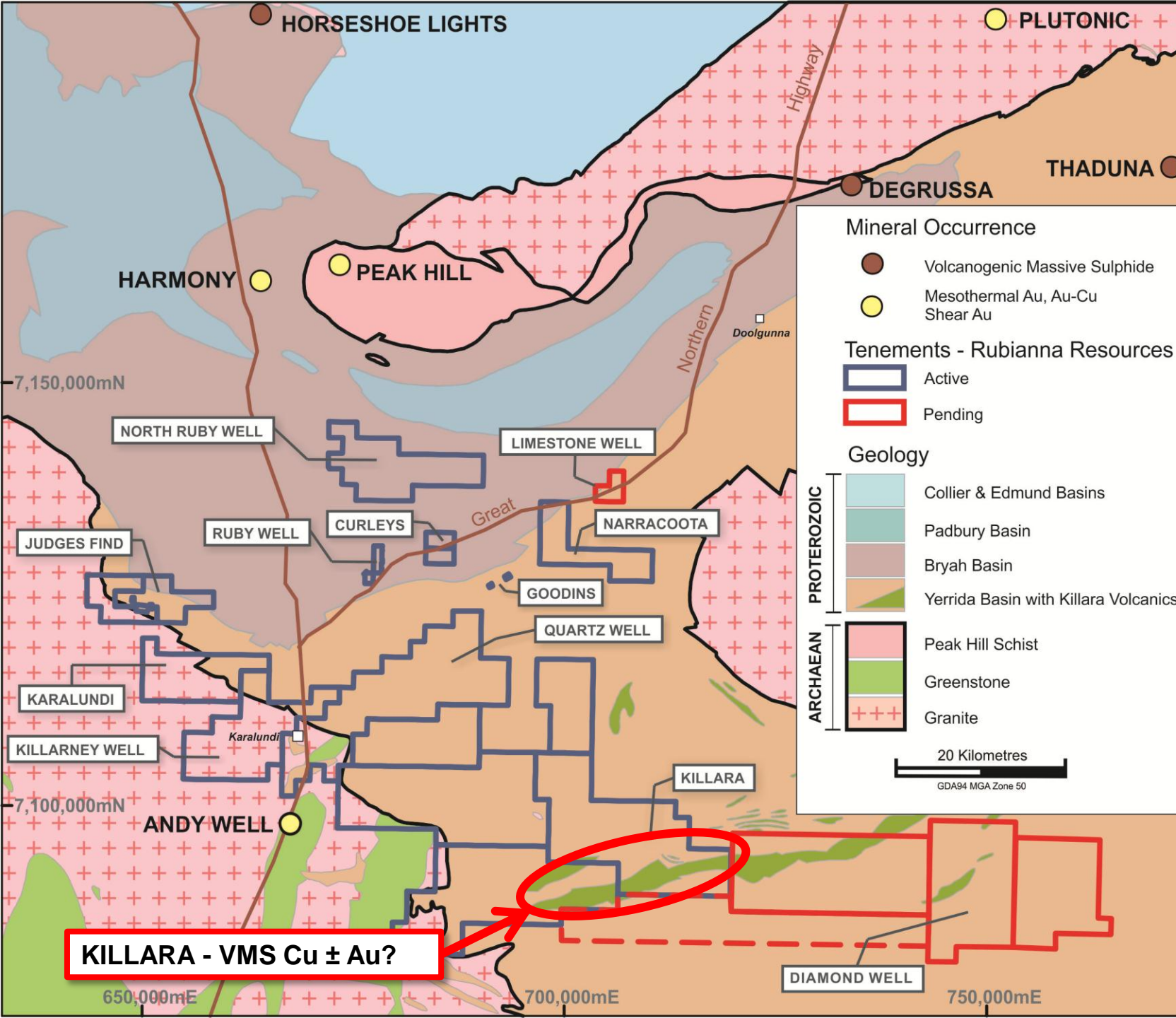
**RUBY ANNA EAST**  
 4m @ 36g/t Au from 56m

**GOLDEN HOPE**  
 86,000t @ 2.1g/t Au for approx. 5,600 ounces

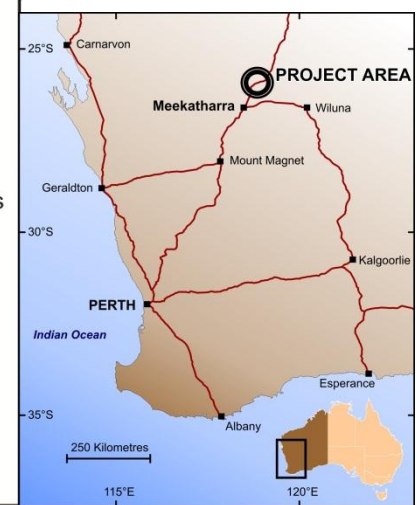
**LITTLE JIM**  
 Rock chip 126g/t Au

**BLOODSTONE**  
 140,000t @ 2.7g/t Au for approx. 12,000 ounces

# KILLARA PROJECT



**KILLARA - VMS Cu ± Au?**



45 km northwest of Meekatharra

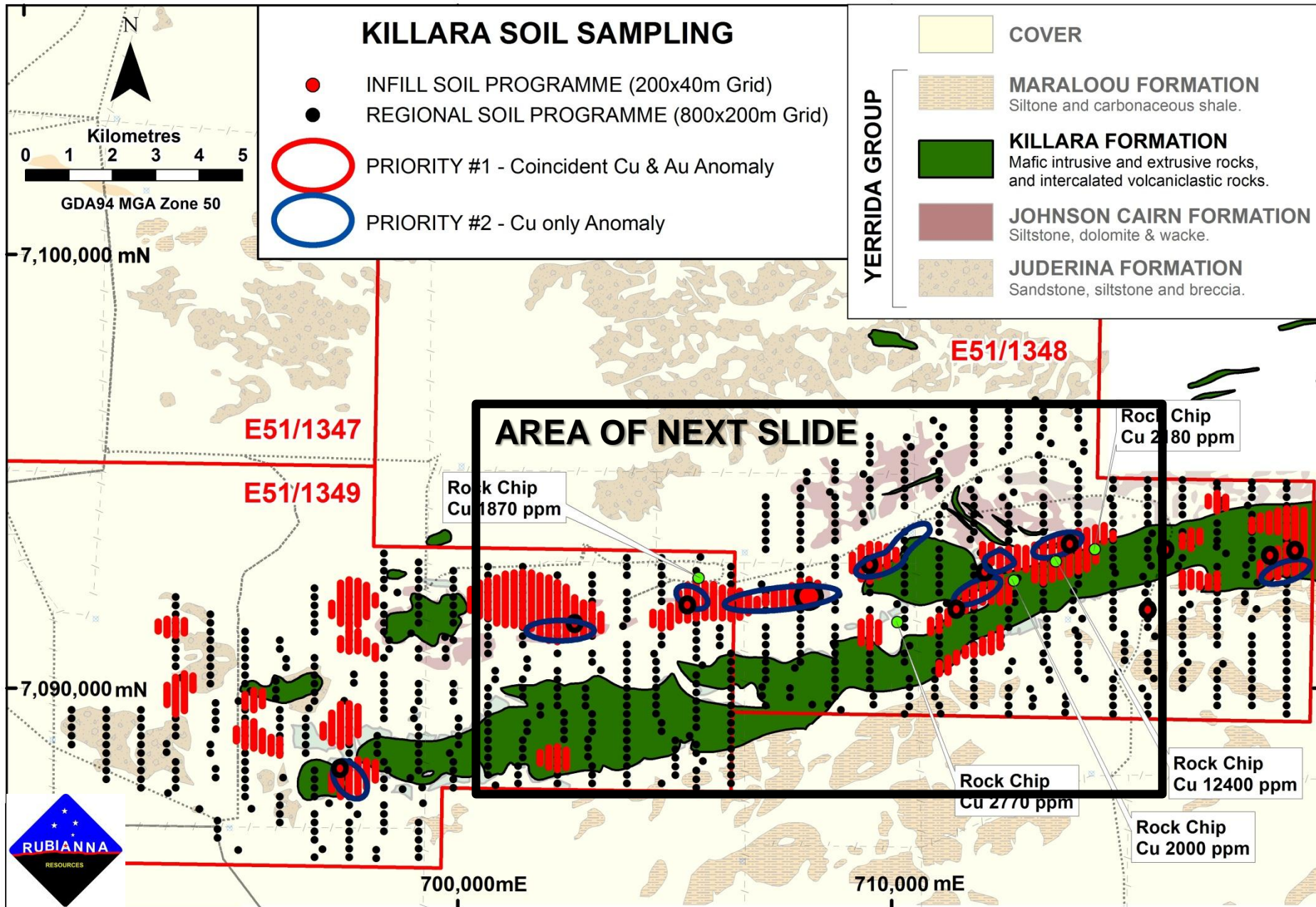


# Killara



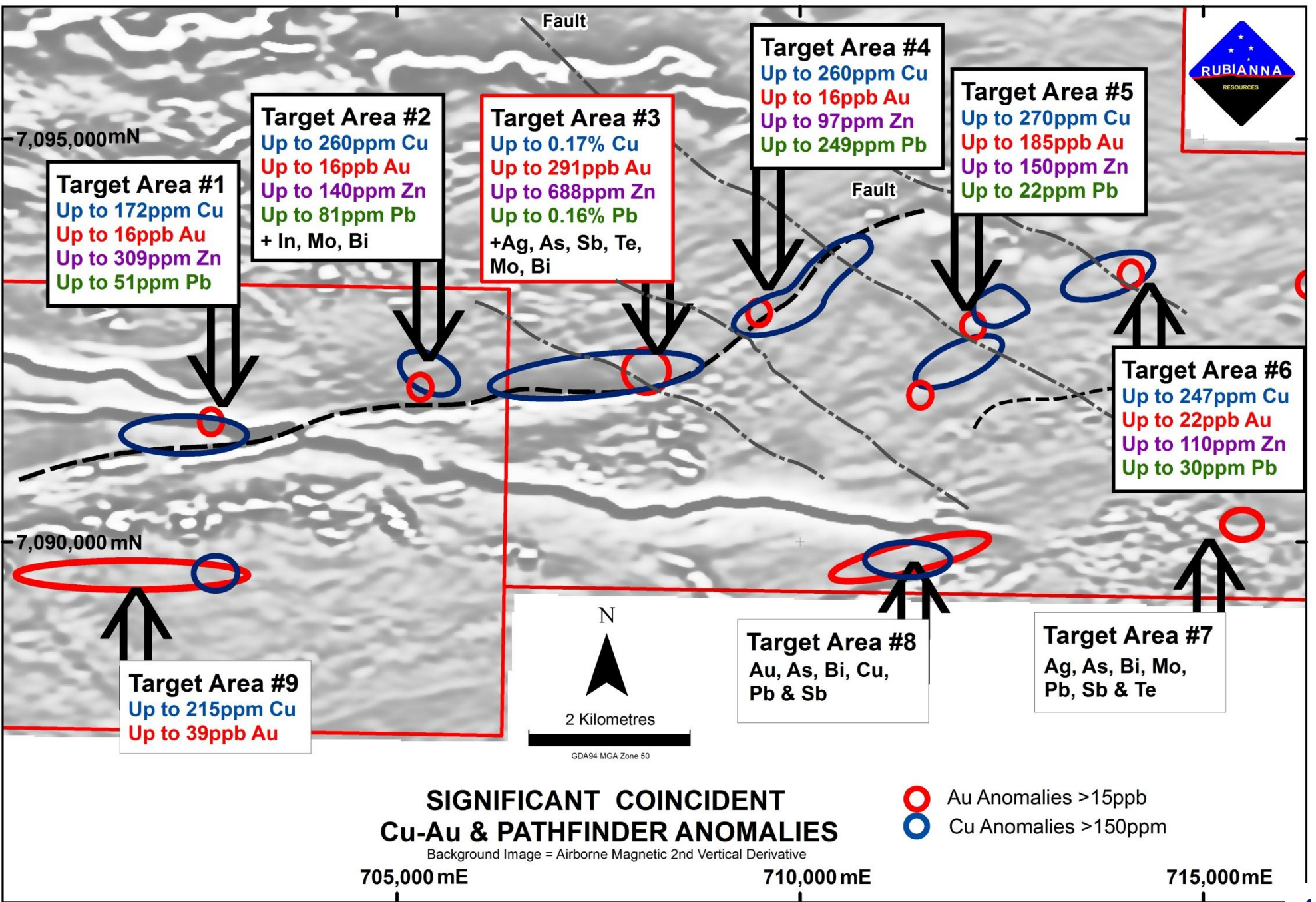
- Prospective for VMS or SEDEX style Cu-Au deposits
  - Associated with the volcanic Killara Formation, and sedimentary Johnson Cairn and Maralouou Formations similar to units that host the Thaduna and Green Dragon Copper deposits (~100km to the northwest)
  - Comparable Proterozoic mineralisation includes the Nifty Copper deposit
  - Structurally deformed area conducive to mineral enrichment
- Numerous high quality targets
  - Largely untested, very limited (~5 drill holes) historic drilling in the region
  - First coherent regional geochemical coverage
  - Currently nine (9) anomalous targets under investigation
  - Including two Priority Au, Cu, Pb, Zn, Ag, Bi, As, Co, Mo, Sb, Te anomalies
- New tenement applications
  - Four tenement applications submitted E51/1542, E51/1545, E51/1549 & E51/1550
  - Areas host known base metal anomalism
  - Covers an additional 20-30km strike length of Killara Formation rocks





Path: R:\Exploration Projects\01 Murchison\ARCMAP\Figures\E51-1348\_49 Killara\FG\_12Q2A\_SOIL\_1348\_1349C.mxd





**SIGNIFICANT COINCIDENT  
 Cu-Au & PATHFINDER ANOMALIES**

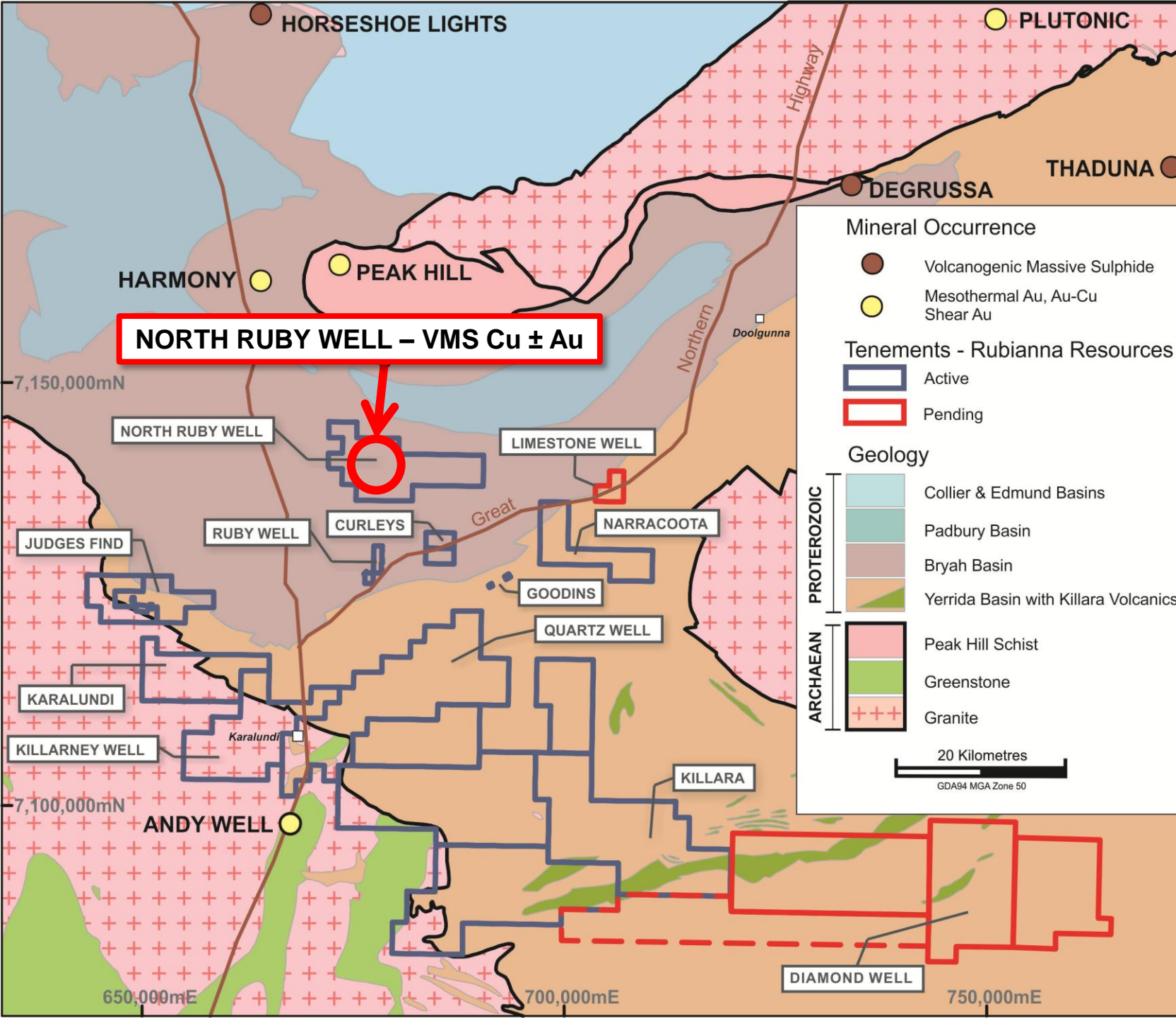
Background Image = Airborne Magnetic 2nd Vertical Derivative

705,000 mE

710,000 mE

715,000 mE

# NORTH RUBY WELL PROJECT



90 km north  
of  
Meekatharra

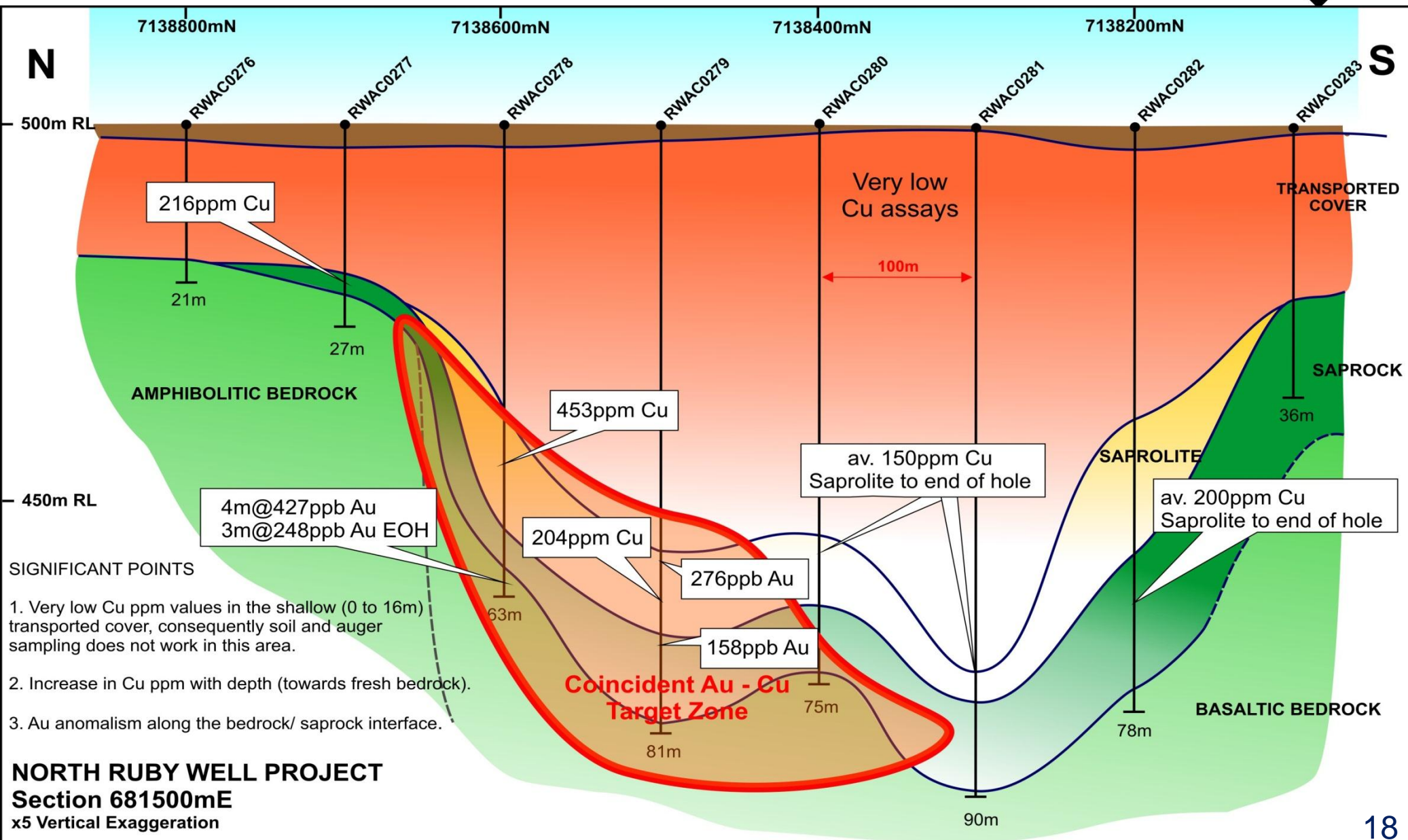


# North Ruby Well



- Prospective for VMS style Cu-Au deposits
  - Hosted in the same volcanic Narracoota Formation units as Sandfire's Degrossa deposit
  - Structurally complex area conducive to mineral enrichment
  
- Numerous high quality anomalous horizons & targets
  - Largely untested, wide-spaced drilling
  - All exploration focussed on interface sampling under variable cover
  - Numerous broad intervals with anomalous values
    - *RWRB0214 14m @460ppm, from 0m to end of hole*
    - *RWRB0354 20m @391ppm, from 28m to end of hole*

# Exploration to identify Cu-Au anomalies under variable cover





**Au ppb**

>150

>50

>10

**Cu ppm**

>400

>300

>200

>100

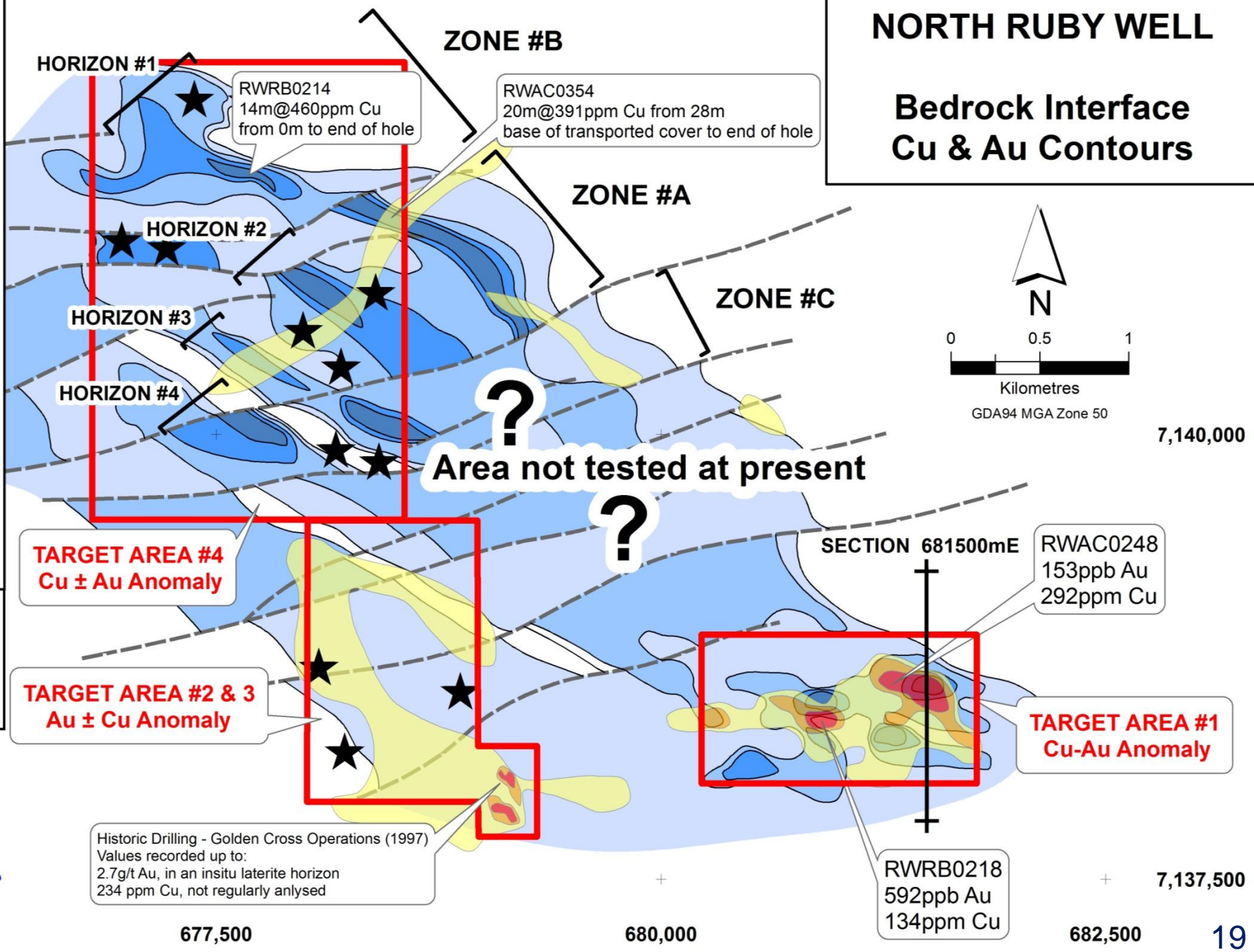
**Faults**

**VTEM Target**



# NORTH RUBY WELL

## Bedrock Interface Cu & Au Contours





# LOOKING FORWARD 2013

Text in blue refers to activities already in progress



## RUBY WELL

- Monetise the existing gold assets
- Continue to drill priority prospects eg., Bloodstone, Trafalgar & Ruby Anna East
- Further develop the Company's JORC code resource
- Undertake a "detailed" open pit and underground optimisation
- Commence statutory permitting

## KILLARA

- Complete Aboriginal heritage survey(s)
- On-going geochemical sampling programmes and geological mapping
- Complete ground EM surveys
- Undertake initial drilling

## NORTH RUBY WELL

- Continue "interface" geochemistry across regional anomalous Cu and Au targets.
- Complete ground EM surveys over significant Cu  $\pm$  Au anomalies
- Undertake the first RC drilling over priority targets

## PROJECT GENERATION

- Continue the Company's gold and base metal (Cu-Pb-Zn) exploration programmes
- Identify new projects aligned with Corporate Strategy