

Renaissance Uranium

# Presentation to South Australian Chamber of Mines and Energy

15 November 2012



# Highlights

## Management

- Highly experienced and *successful in South Australia*

## Projects

- Within established mineral provinces of South Australia
- *Drill assays pending* on Gairdner Project
- Strong *pipeline of new “company maker” targets* for drill-testing in next 6 months
- Recent low cost acquisitions of uranium projects

## Corporate

- *Strong cash position* (~\$4.5m as of 30 Sept 12)
- *Trading near cash backing – significant upside potential*
- Active drill programs, with *strong news flow* through 2013
- Immediate focus on high value drill targets
  - ✓ Near-term exposure to copper, gold, silver
  - ✓ Medium-term: uranium and graphite



# Corporate

- ASX code RNU
- Shares on issue 114.8m
- Options 14.3m\*
- Cash (30 Sep 12) \$4.5m
- Share price (14 Nov 12) \$0.050
- Market capitalisation \$5.7m
- Top 20 shareholding 64%
- Board shareholding 47%

## Board of Directors

Stephen Bizzell (Chairman)

David Christensen (MD)

Geoff McConachy

Chris Anderson

Andrew Martin

\* Option breakdown: 13,550,000 million options @ \$0.24, expiring between 15 December 2013 and 17 February 2015; 750,000 @ \$0.054, expiring 30 April 2016.

# Projects

14,341 km<sup>2</sup> in South Australia\*

## 2012 main focus: immediate discovery opportunities

- Gairdner: initial scout drilling completed 1 Nov 12
  - ✓ Epithermal model confirmed
  - ✓ Assays pending on magnetic and silver targets
- Eastern Eyre: IOCGU
  - ✓ Multiple untested geophysical anomalies adjacent to mineralised fault zone
  - ✓ Previously inaccessible, licence now granted

## Pipeline of projects for drill testing 2012/2013

- |                        |                               |
|------------------------|-------------------------------|
| • Eastern Eyre (IOCGU) | • Warrior (uranium)           |
| • Olary (gold/copper)  | • Cowell (graphite)           |
| • Marree (copper)      | • Tanners Dam (IOCGU/uranium) |



South Australian projects

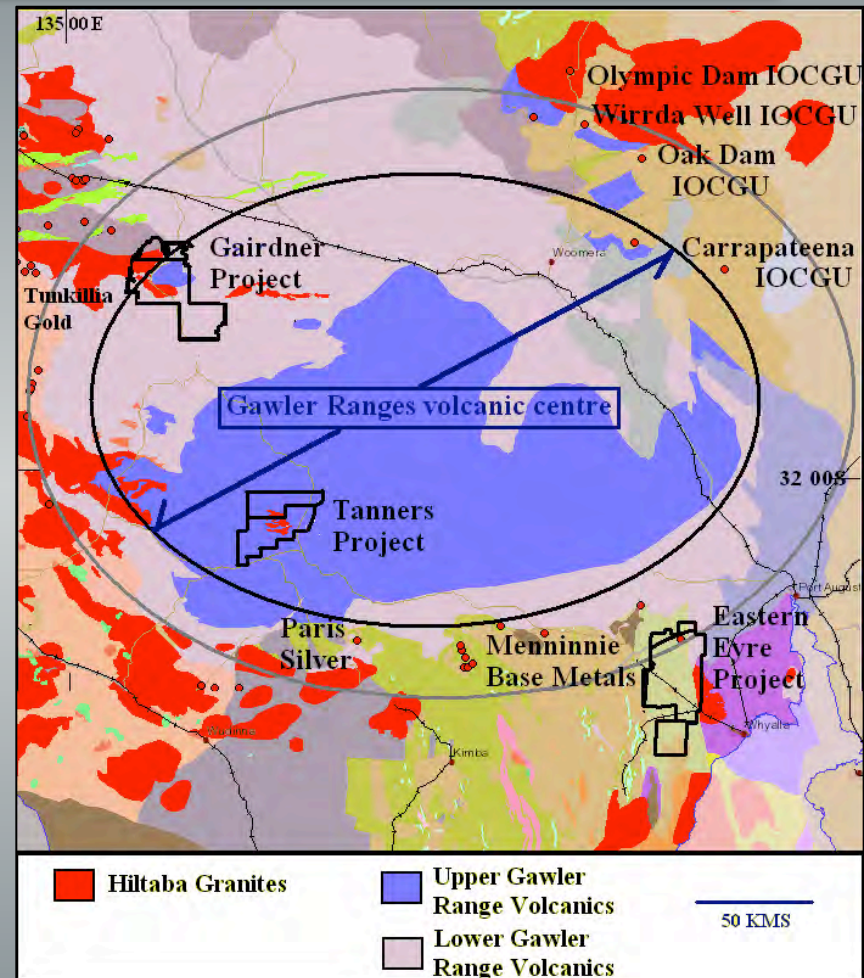
\* Includes recent acquisitions of Warrior and Frome Projects. See ASX Releases dated 31 August and 4 September 2012.



# Gairdner Project

## Overview

- Located in prime discovery tenure
  - ✓ Limited historical exploration
- Elevated silver geochemistry
- Multiple magnetic anomalies
- First pass drilling completed 1 Nov 2012

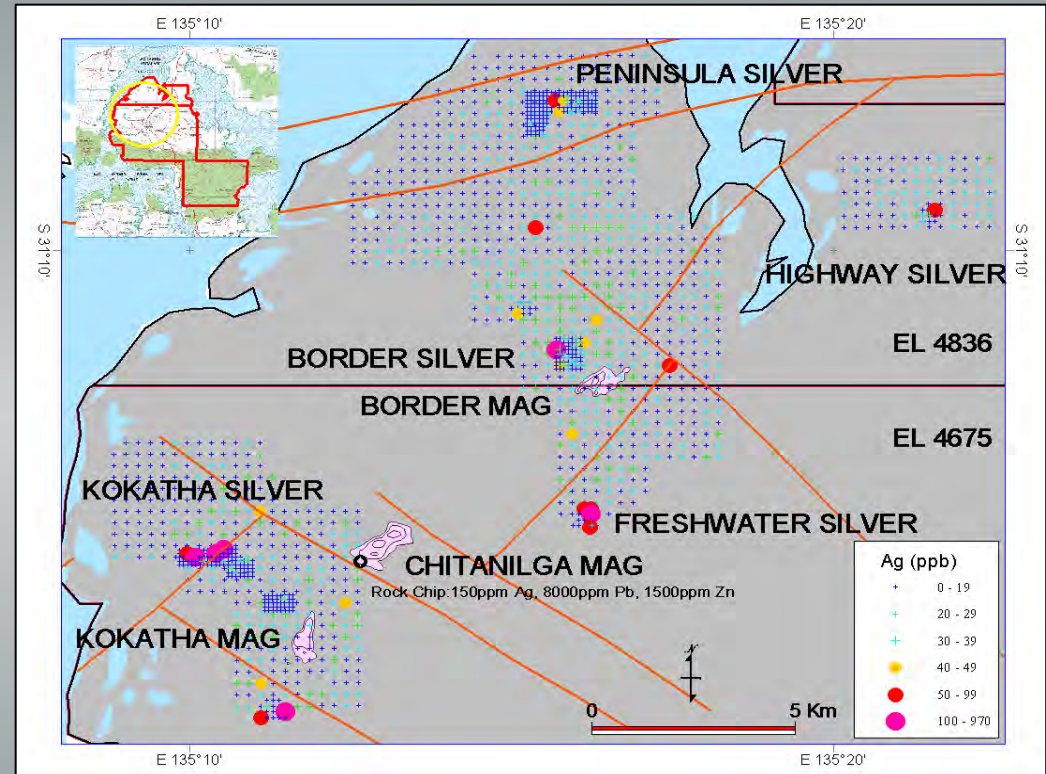


Gairdner Project. EL 4675 (100%) and EL 4836 (earning 80%)

# Gairdner Project

## Interim drill results

- Alteration consistent with proposed epithermal silver model
  - ✓ Volcanics and granites intersected
  - ✓ Zones of alteration and veining
- Drilling over magnetic anomalies intersects mafic volcanics
  - ✓ Interpreted as either Archean greenstones of Lower Gawler Range Volcanics
- Assay results expected in December

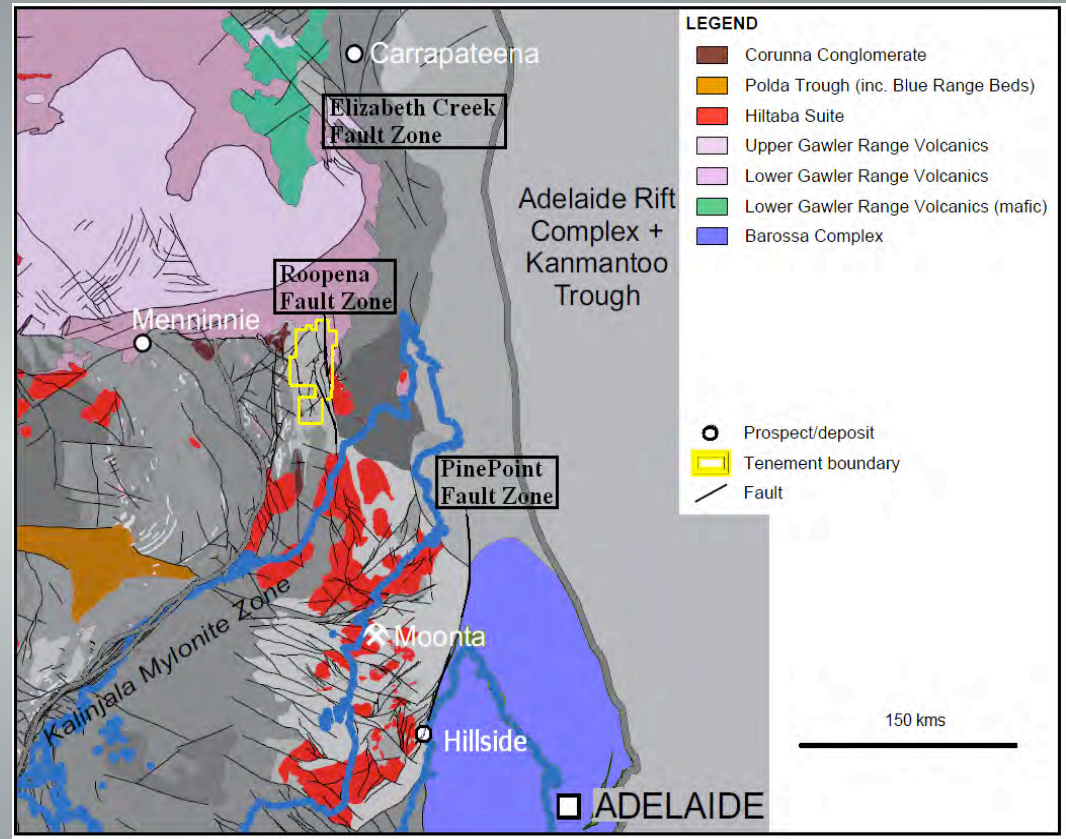


Gairdner Project. Geology plan showing geochemical sampling and identified silver and magnetic targets

# Eastern Eyre Project

## Prime IOCGU targets unlocked

- Licence recently granted over prime tenure in Eyre Peninsula (SA)
  - ✓ Proposed expansion to Cultana military training area previously halted exploration
- Prime IOCGU terrain
  - ✓ Analogous to nearby Hillside copper project
- Limited modern exploration along mineralised Roopena Fault Zone

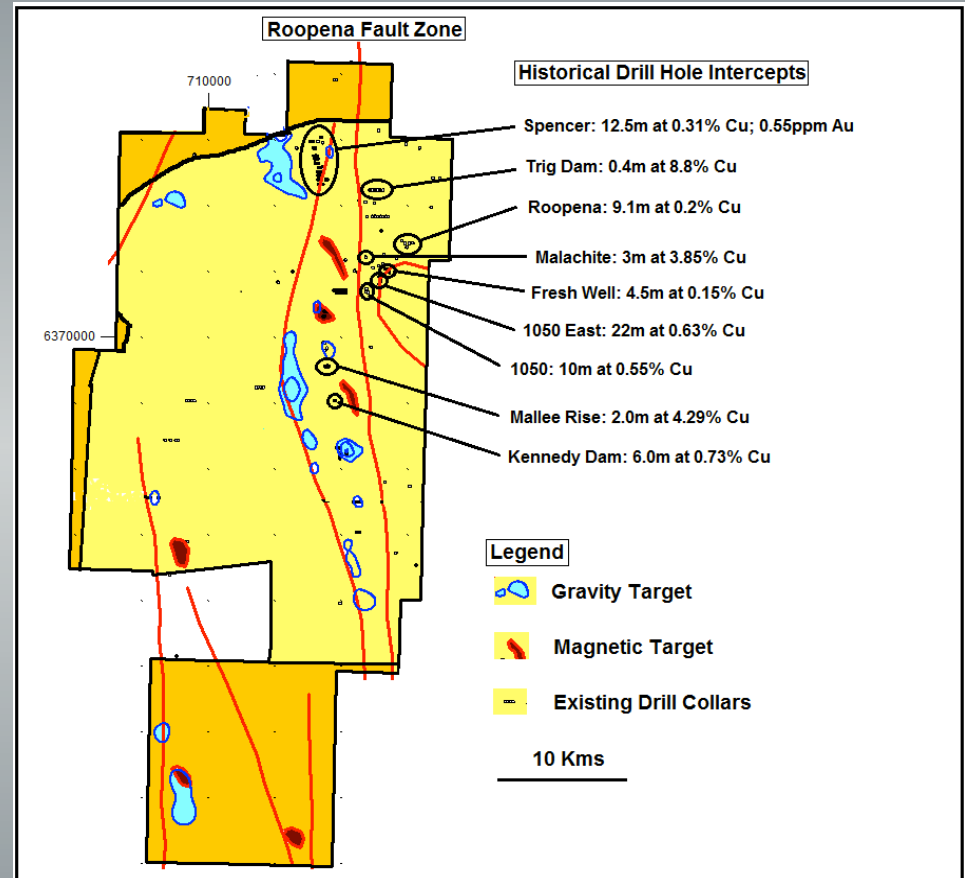


Renaissance's Eastern Eyre Project (in yellow), showing regional geology

# Eastern Eyre Project

## Multiple untested IOCGU targets

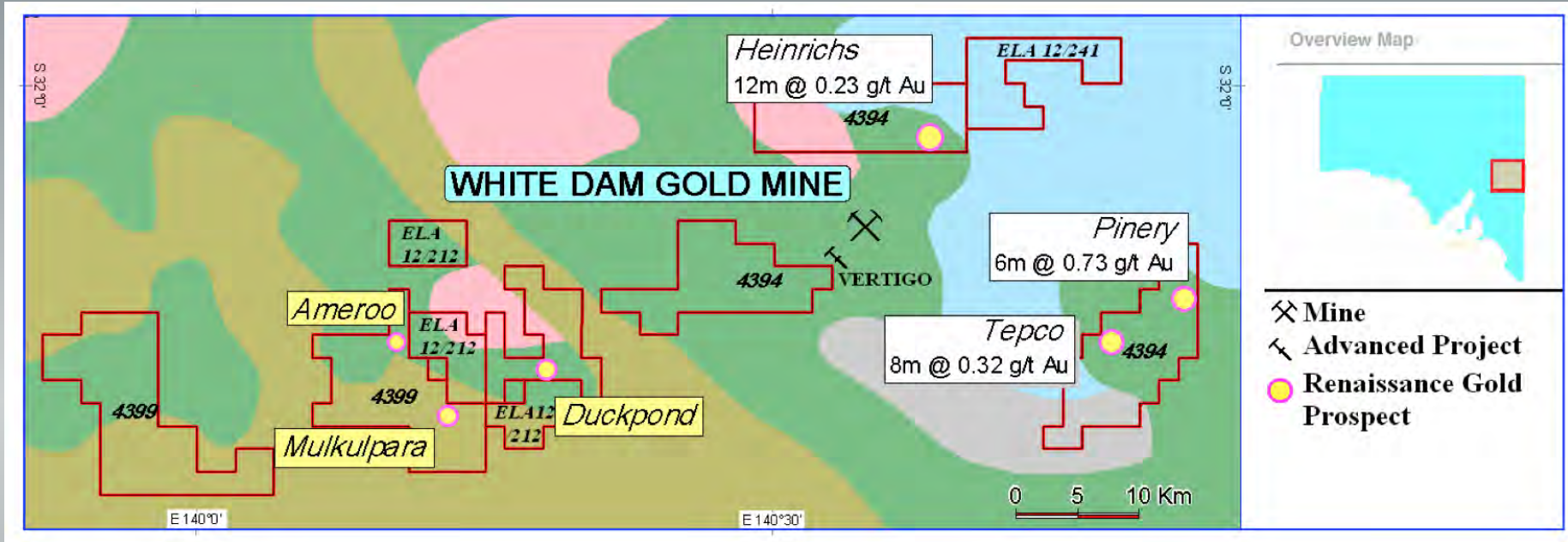
- Multiple untested magnetic and gravity anomalies near fault structures
- Widespread copper mineralisation to east
  - ✓ Anomalies intersected from geochemical sampling in 1960s to 1980s
- Fault zone largely untouched
  - ✓ 2009 discovery of Hillside highlights critical role of N-S faulting
  - ✓ But Cultana military training area expansion prevented access
- Next steps: detailed gravity and drill-testing



Eastern Eyre Project, showing historical copper occurrences and identified magnetic and gravity anomalies (EL 5012 in yellow; EL 4721 in Orange)



# Olary Project Overview



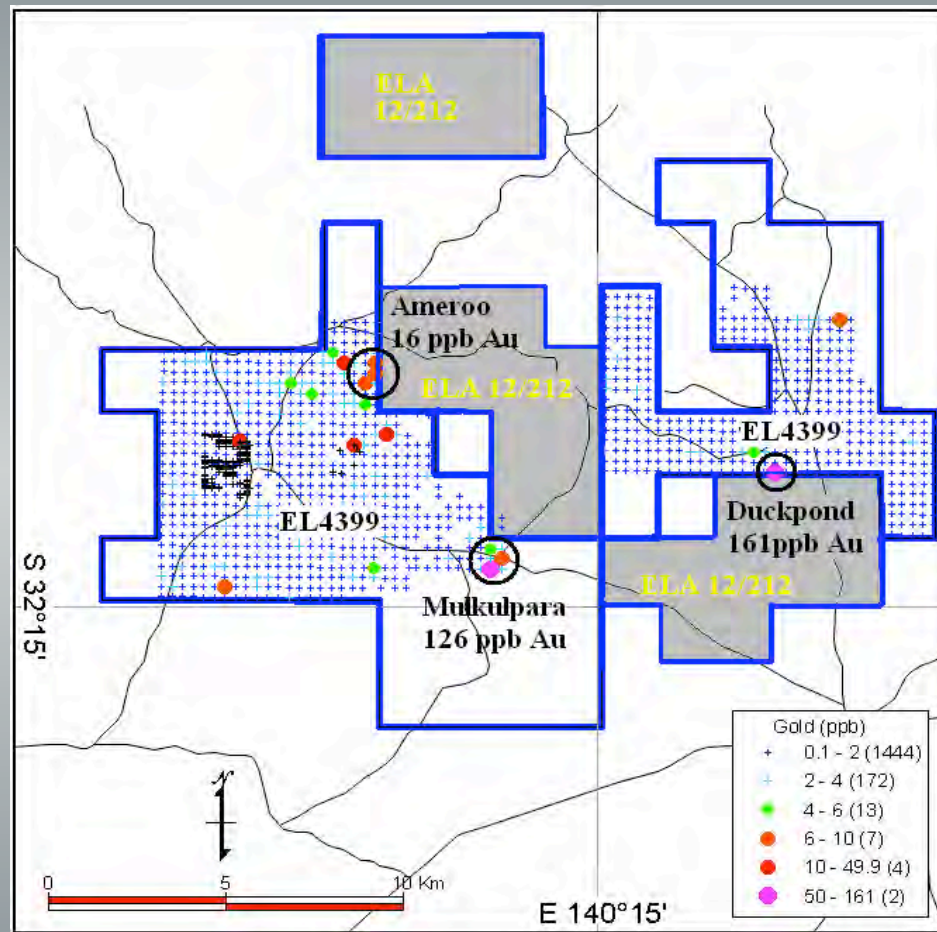
Olary Project, showing gold prospects and Polymetal's and Exco's White Dam gold mine

- Multiple near-surface gold prospects
  - ✓ Close proximity to White Dam gold mine
  - ✓ Target identification (2011 – 2012) through extensive soil geochemistry
- Initial scout drilling: multiple elevated gold intercepts
  - ✓ Confirms effectiveness of exploration model
  - ✓ Potential for deeper basement targets

# Olary Project

## New gold prospects and ELA

- Latest geochemical sampling defines new untested targets
  - ✓ Highest tenor prospects to date
- New ELA approved along strike from open targets
- Next steps
  - ✓ Infill sampling
  - ✓ RC drilling

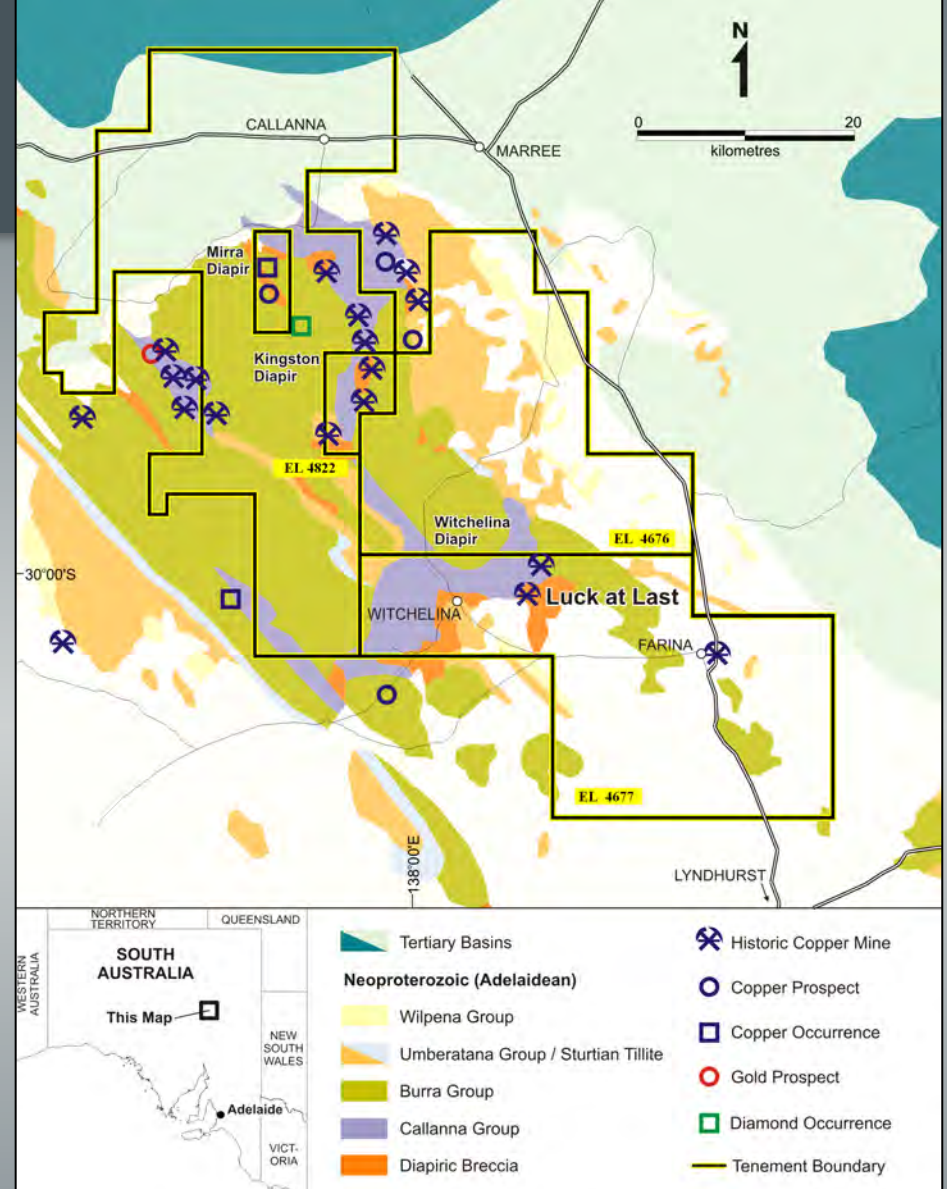


Olary Project, showing geochemical sampling over EL 4399 and newly approved ELA 12/212

# Marree Project

## Copper targets

- Adelaide Fold Belt (SA)
- Target: Zambian Copper Belt Style
- Widespread copper mineralisation and prospects
  - ✓ Prominent electromagnetic conductors at Luck at Last
  - ✓ Extensive historical copper in project area
  - ✓ Comparable sedimentary sequence and age as Zambian Copper Belt
- Next steps: extensive AEM and drill-testing



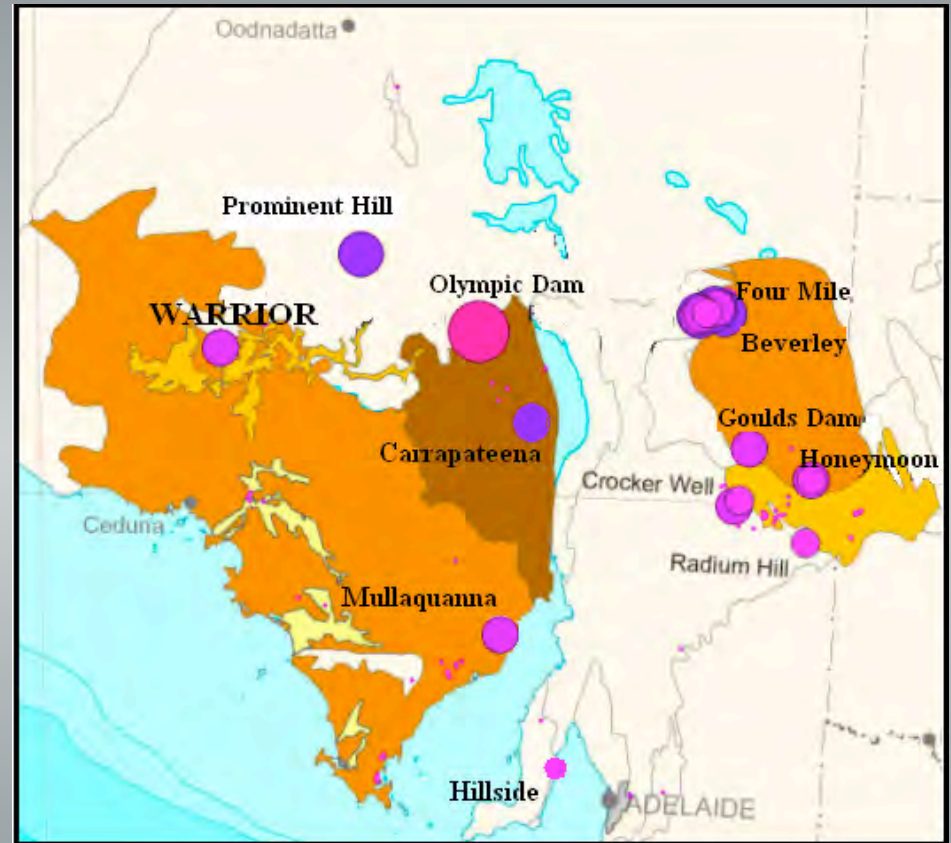
Marree Project (showing ELs 4676, 4677 and 4822), with historical copper prospects and Renaissance's Luck at Last prospect



# Warrior Project

## Advanced uranium project

- Brownfield uranium project
  - ✓ Discovered by PNC in 1970s
  - ✓ Extensive uranium drill intersections
  - ✓ Opportunity to use modern exploration techniques to enhance existing uranium zones in grade and dimension
- Low-cost
  - ✓ Acquisition consideration: residual 1% net smelter royalty
  - ✓ Minimal costs to advance to next stage
- Low risk opportunity to benefit from potential changes in uranium sentiment



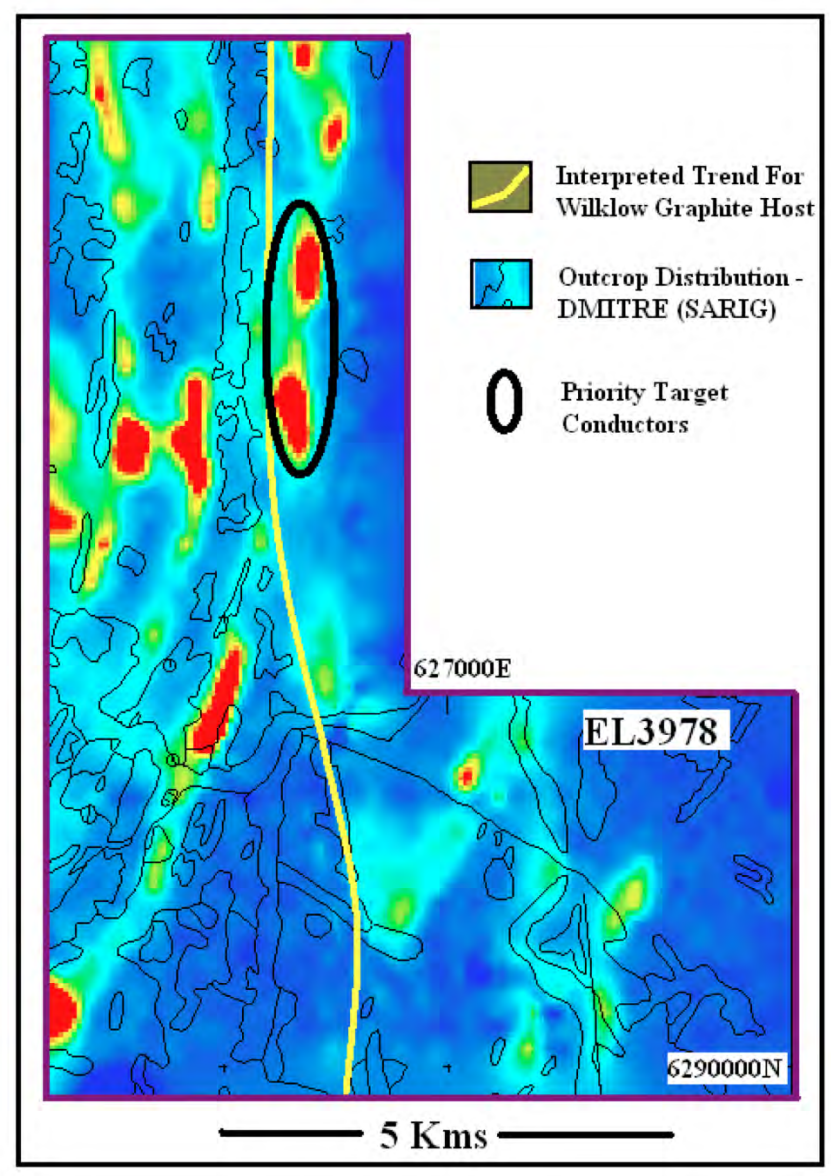
Map of significant uranium occurrences (from Geoscience Australia), showing Warrior project and other South Australian uranium projects



# Cowell Prospect

## Graphite targets

- Location: Eyre Peninsula
  - ✓ Emerging graphite province
- Two strong conductors identified from AEM survey
  - ✓ Along interpreted stratigraphic boundary from Archer Exploration's Wilklow Prospect
  - ✓ Within regional shear zones in Lower Proterozoic sediments
- Potential drill targets for 2013

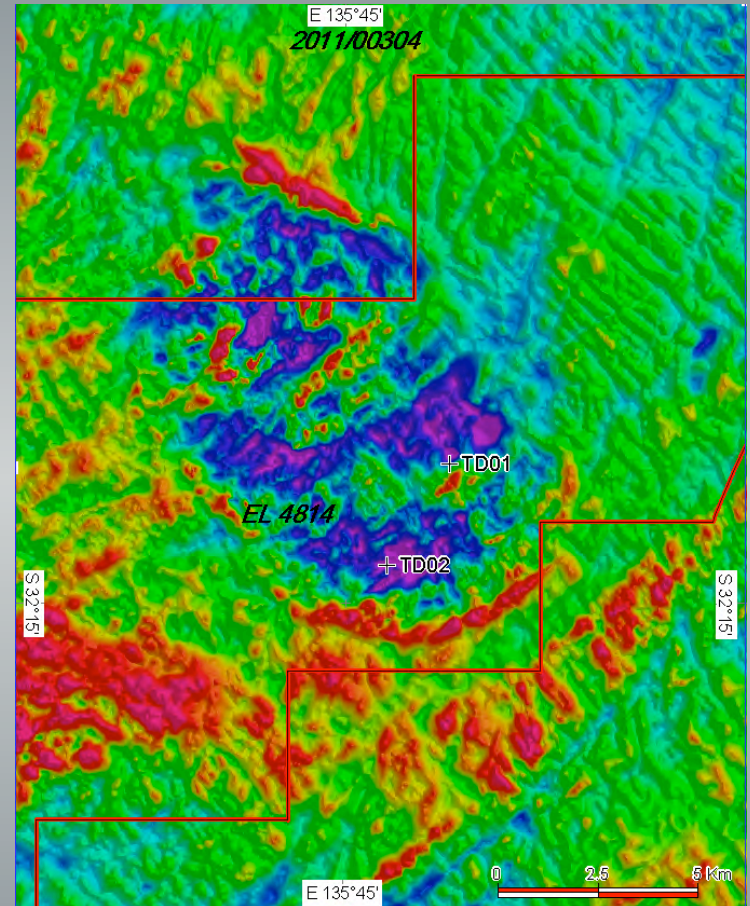


Renaissance's EL 3978 (earning 75%), showing priority targets conductors over AEM image

# Tanners Dam

## Uranium/IOCGU

- Central Gawler Craton (SA)
- Target: volcanic-hosted uranium/IOCGU within zones of high magnetite destruction
  - ✓ Geologic similarity to Stretolska, Russia's preeminent uranium region
  - ✓ Felsic lava pile above Hiltaba granite magma chamber
  - ✓ Magnetic lows
  - ✓ Intense hydrothermal alteration, coincident with radiometric highs and positive gravity anomalies
- Government-funded PACE grant to drill two 350m-deep holes



Tanners Dam. Magnetic image, showing granite (blue) intruding over volcanics (red and green) in EL 4874 (100%) and ELA 11/304 (100%)

# Planned activities and news flow

## Next 6 months

Project	Target	Activity	Nov	Dec	Jan	Feb	Mar	Apr
Gairdner	Silver/base metal	RC drilling	✓					
		Drill results	✓	✓				
		Data review	✓	✓	✓			
		Drill clearances (TBC)			✓	✓		
		Follow-up drilling (TBC)					✓	✓
Eastern Eyre	IOCGU/Copper	Gravity survey	✓	✓				
		Data review		✓	✓			
		Drill clearances		✓	✓	✓		
		RC drilling					✓	✓
Olary	Gold/Copper	Infill sampling	✓	✓				
		Data review		✓	✓	✓		
		Drill clearances		✓	✓	✓	✓	
		RC drilling (TBC)	✓					✓
Marree	Copper	AEM survey		✓				
		Data review		✓	✓			
		Drill clearances				✓	✓	
		RC drilling (TBC)						✓
Warrior	Uranium	Data review	✓					
		Drill clearances		✓	✓			
		RC/diamond drilling (TBC)						✓
Tanners Dam	Uranium/IOCGU	Drill clearances	✓					
		Drilling (TBC)						✓
Cowell	Graphite	Drill clearances				✓	✓	
		RC drilling (TBC)						✓

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## **Forward Looking Statements**

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The exploration results in this Presentation, insofar as they relate to mineralisation, are based on information compiled by Mr G. W. McConachy (fellow of the Australasian institute of Mining and Metallurgy) who is a director of the Company. Mr McConachy has sufficient experience relevant to the style of mineralisation and type of deposits being considered to qualify as a competent person as defined by the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC code, 2004 edition). Mr McConachy consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.