

2015



**Adelaide Resources Limited**

## **Company Presentation**

*26 February 2015*

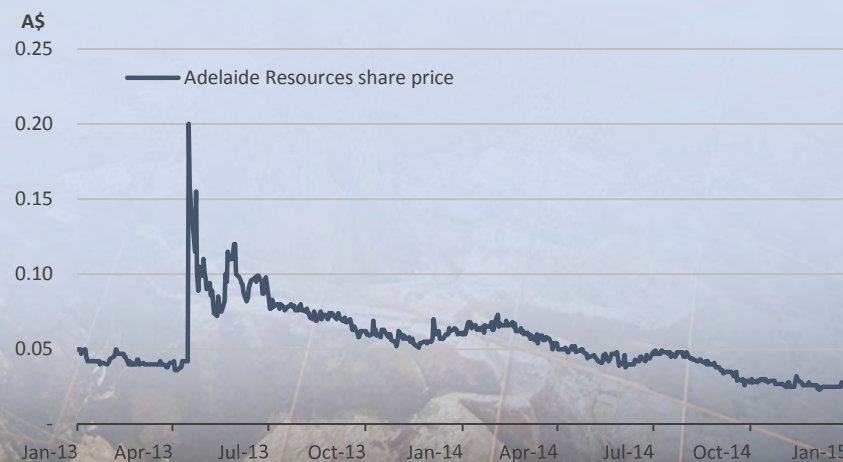
**Explorers Conference**



# Company snapshot

- Refreshed board with technical, financial and development skills set
- A tight focus on copper and gold in Australia
- Projects located in pedigreed mining regions. Largely 100% owned
- Recognised discovery track record
  - greenfield finds and the identification of opportunities left by past explorers
- Innovative explorer
  - cost-effective target generation with FPXRF soil geochemistry (and biogeochemistry)

<b>ASX ticker</b>	<b>ADN</b>
First listed on ASX	September 1996
<b>Ordinary shares on issue</b>	<b>304.5m</b>
Listed options	37.2m
<b>Share price (as at 23-Feb-15)</b>	<b>A\$0.027</b>
12 month trading band	A\$0.023 to A\$0.073
<b>Market capitalisation</b>	<b>A\$8.2m</b>
<b>Cash on hand</b>	<b>A\$2.5m</b>
<b>Enterprise value</b>	<b>A\$5.7m</b>
<b>Shareholders</b>	<b>2,450</b>



# Board and management

## **Colin G Jackson – Chairman**

Metallurgist with over 40 years of industry experience. Held senior executive roles with Normandy, Newcrest and Merrill Lynch. Past director of Terramin and Chairman of Intrepid Mines and Red 5. Guided the financing and development of the Paulsens gold mine (WA), the Angas zinc mine (SA), and the Siana gold mine (Philippines).

## **Jonathan Buckley – Non-Executive Director**

Corporate executive with over 25 years of corporate finance experience. Held senior positions with Rothschild and KPMG in the UK before establishing PhillipCapital Australia's corporate advisory business. Founding director of several fund management businesses

## **Chris Drown – Managing Director**

Geologist with 30 years resources industry experience. Has played a major role in operations since just after listing. Invaluable experience with mineralisation, deposit types and geographies similar to current prospects

## **Nick Harding – Executive Director and Company Secretary**

Accountant with 25+ years resources industry experience. Held senior finance roles for Normandy Mining, Newmont and WMC Resources (including 5 years as head of finance at Olympic Dam).

## **Mark Manly – Exploration Manager**

Geologist with 25 years of exploration experience. Held senior roles at Phoenix Copper and Perilya. Integral in the discovery of the Black Cat, Panther and Pinnacles gold deposits in Western Australia.



# Asset portfolio

## Focused suite of Australian copper and gold prospects

- Moonta (SA)
  - dominant position in the copper-gold field that was so crucial to the fledgling SA economy
- Drummond (QLD)
  - classic epithermal gold target in near virgin area
- Rover (NT)
  - strategic position in this high grade gold-copper camp
- Eyre Peninsula (SA)
  - large land position in this promising gold province



# Moonta copper gold

**100% owned 819 sq km tenement<sup>1</sup> within highly mineralised Moonta-Wallaroo district on South Australia's Yorke Peninsula**

- In the Olympic Copper Gold Province  
- host to 75% of Australia's copper resources
- We own the famous Copper Triangle  
- historic production grade from Moonta-Wallaroo district estimated to be c. 3% Cu
- Excellent logistics  
- roads and rail, wharfs and water, power and people
- Realistic goal of establishing a JORC Resource position



Note:

1. Except for Moonta Porphyry JV area – Adelaide Resources 90% / Minotaur Exploration (ASX: MEP) 10%. Adelaide Resources has right to acquire Minotaur Exploration's 10%



## Moonta – typical terrain and cover

Ubiquitous but thin sediment cover has hidden deposits from previous explorers in region, leaving significant opportunities for Adelaide Resources

Typical exploration terrain



Poona Pit (decommissioned copper mine within project area) – sediment over bedrock





# Moonta - Alford West discovery

## Results from our recent drill campaigns include

15m at 2.89% Cu

20m at 1.76% Cu

18m at 2.22% Cu

45m at 1.56% Cu and 1.83g/t Au

14m at 2.60% Cu and 0.70g/t Au

11m at 1.11% Cu

11m at 0.94% Cu

23m at 1.47% Cu

10m at 1.69% Cu and 1.24g/t Au

43m at 0.53% Cu

21m at 1.19% Cu

11m at 1.52% Cu

9m at 2.75% Cu

22m at 1.33% Cu

18m at 1.14% Cu

22m at 1.00% Cu

with lodes remaining open  
at depth and some open along strike

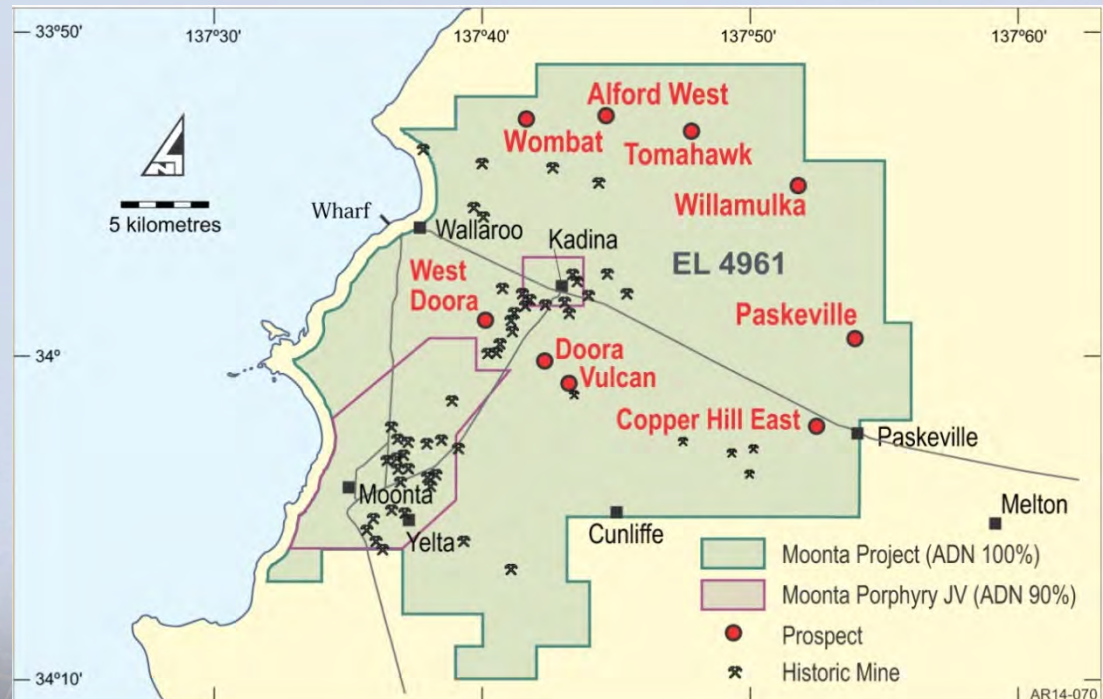
20m at 4.20% Cu

11m at 2.33% Cu and 0.68g/t Au

16m at 2.38% Cu

15m at 1.04% Cu

12m at 0.41% Cu and 1.44g/t Au



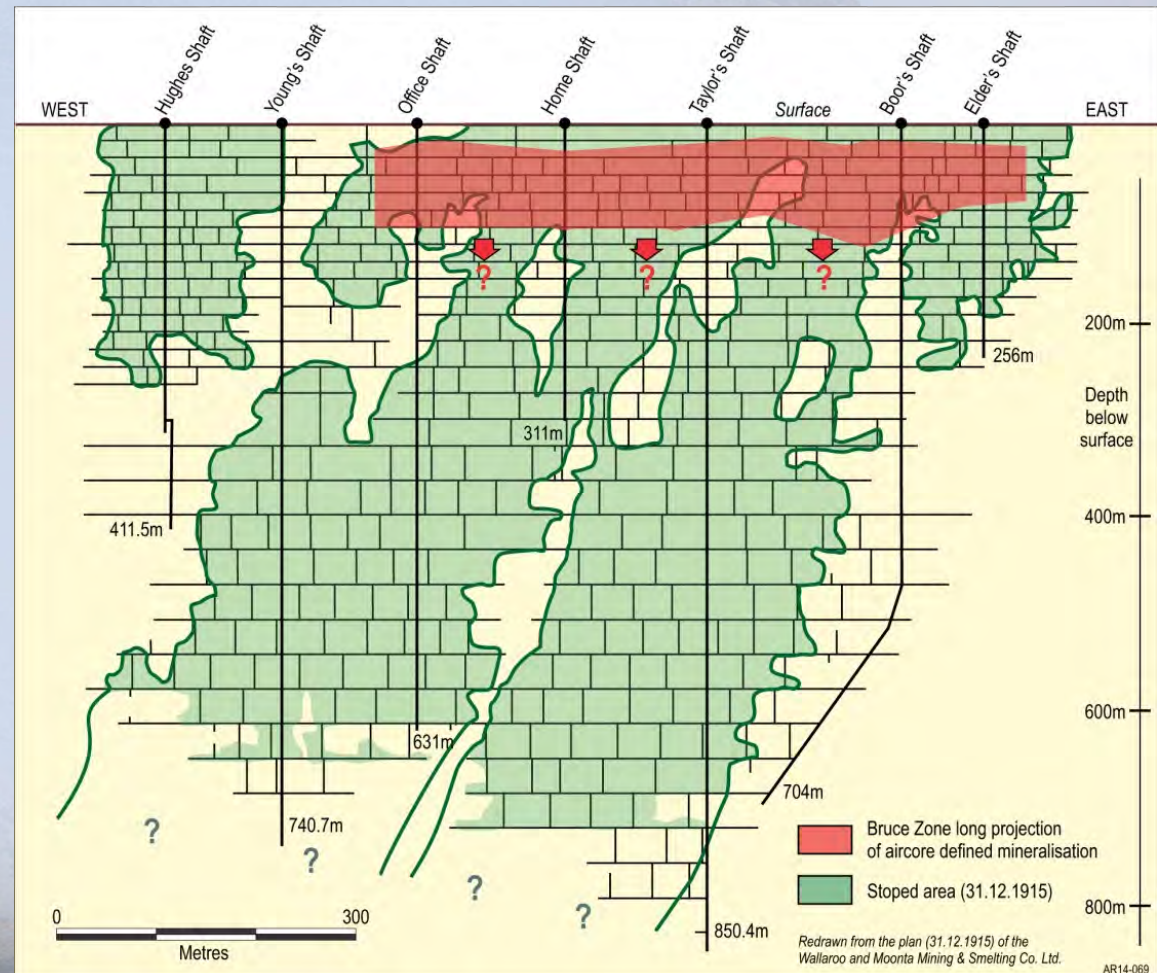
# Alford West – have we drilled deep enough?

Impressive results so far  
are from shallow holes.

Historic plans show  
steeply plunging shoot  
morphologies are common  
in the district.

Significant potential exists  
to substantially grow our  
discoveries to depth.

Scaled long projection of  
aircore defined 3D  
mineralisation model of Alford  
West Bruce Zone  
superimposed on Wallaroo  
Main Lode long projection.

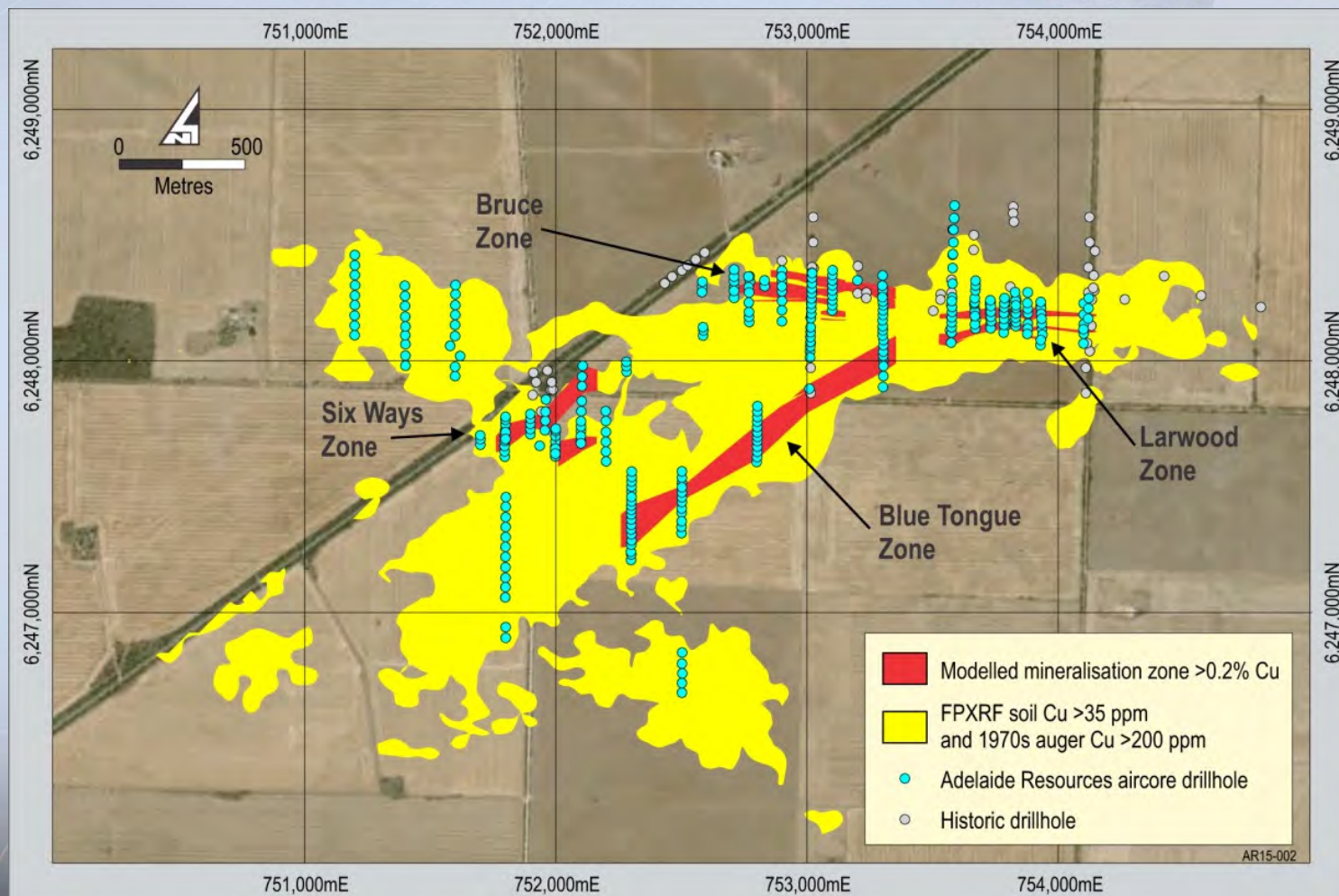




# Alford West – current status of a recent near surface discovery

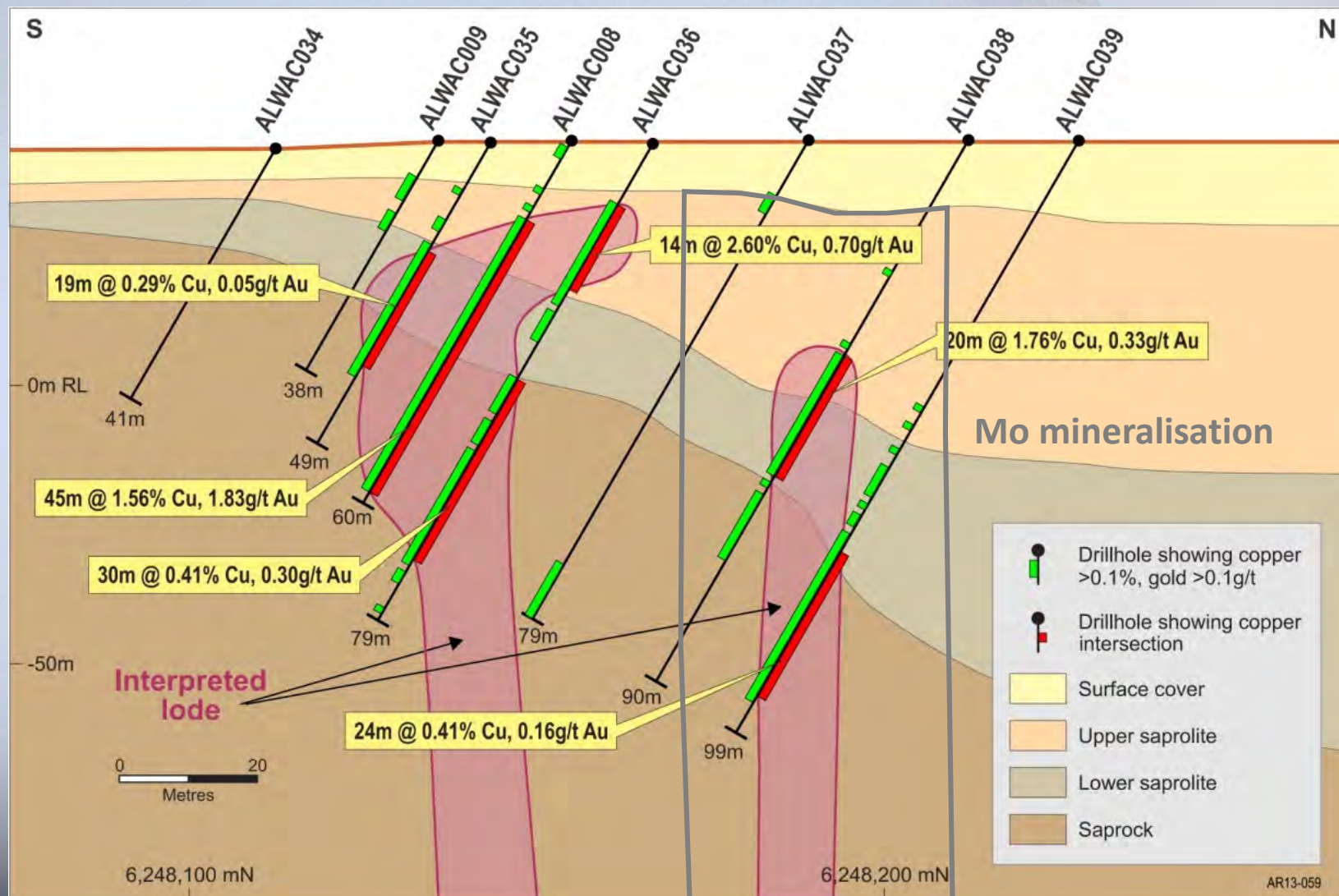
Substantial progress during 2014 - with further drilling to follow in 2015

## Alford West summary plan



# Alford West – Larwood Zone lodes

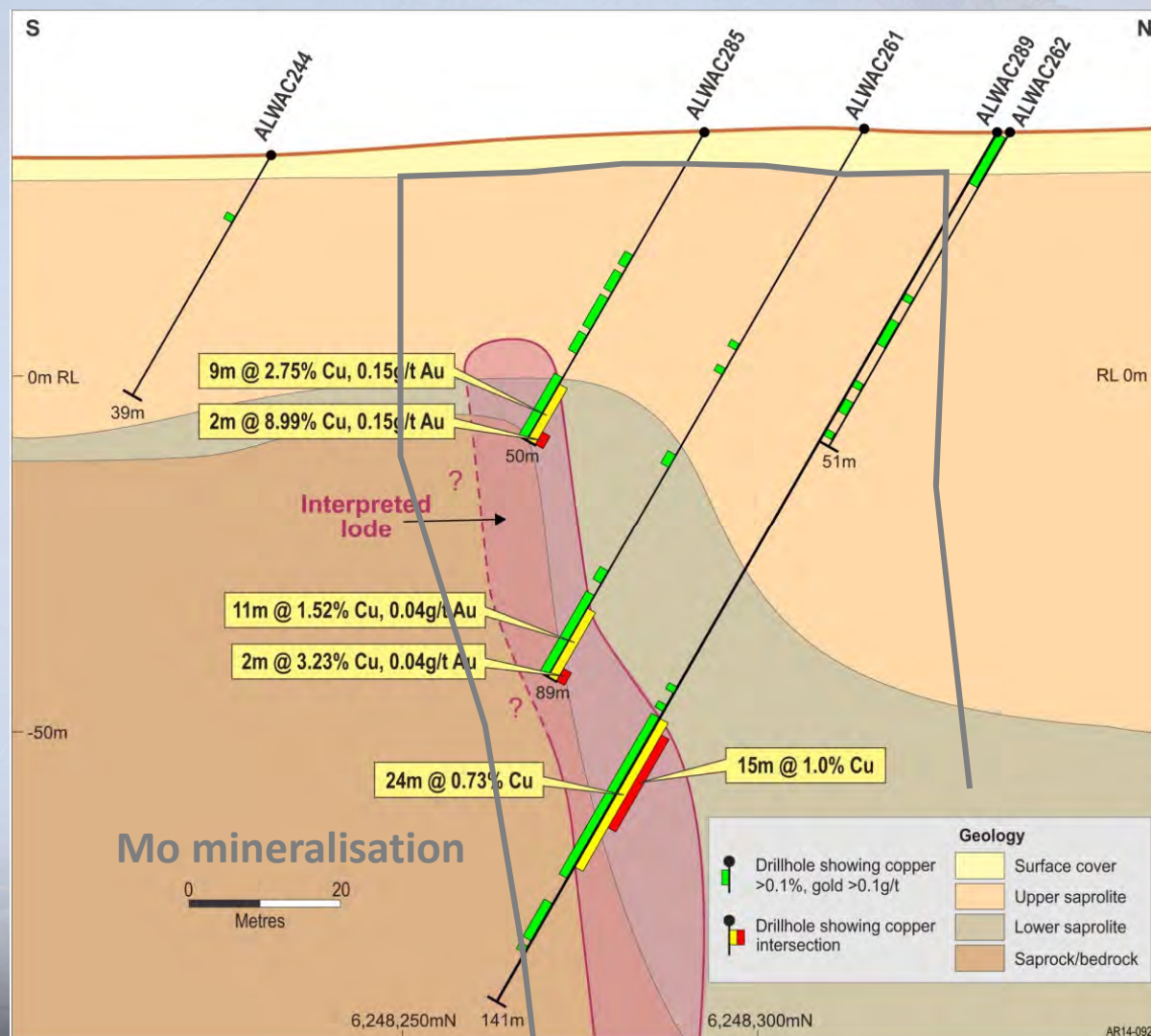
Drill section 753,780mE





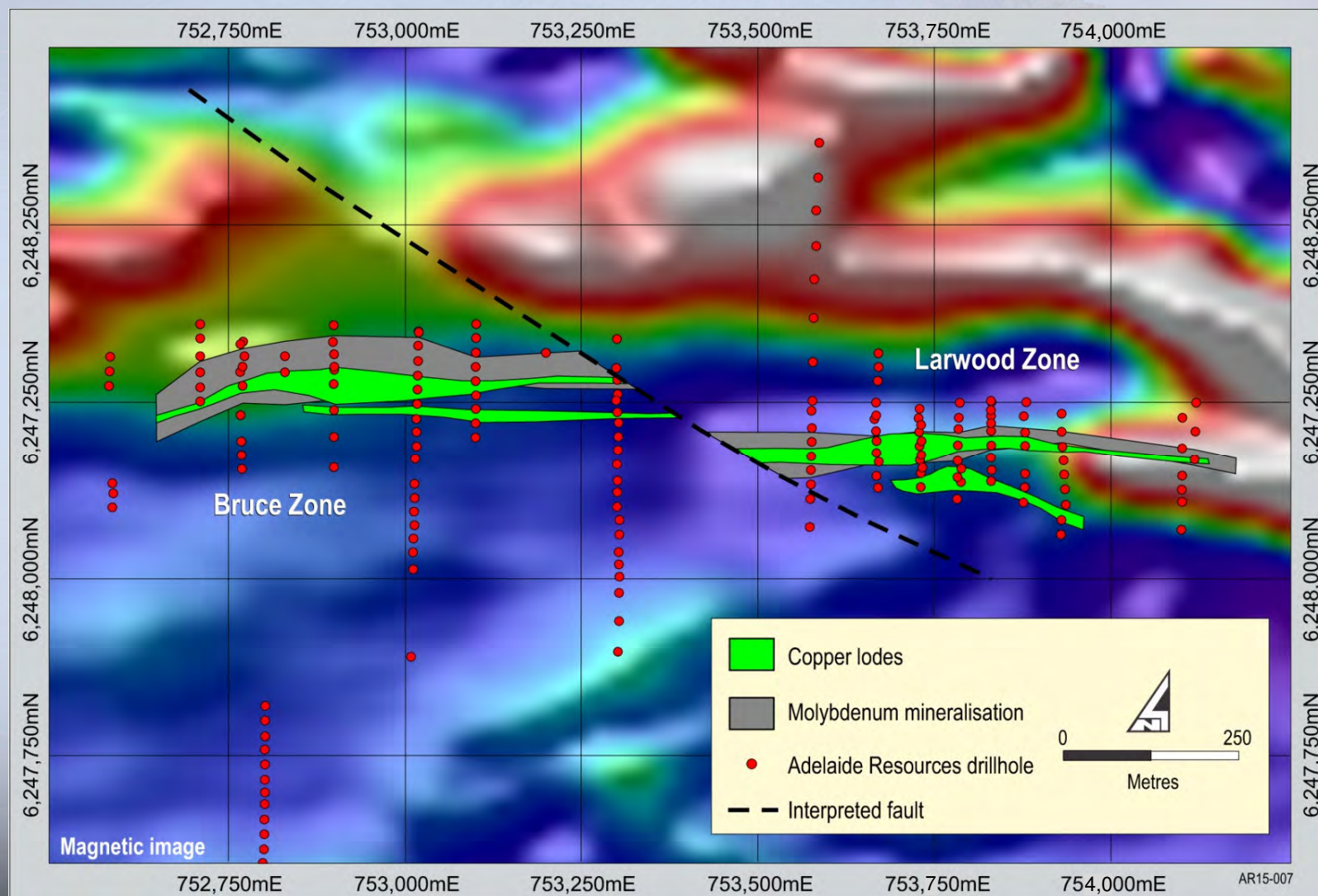
# Alford West – Bruce Zone lode

Drill section 752,770mE



# Alford West – interpreted plan of Larwood and Bruce Zones

Strike extent of all lodes approximately 1.5 - 2 kilometres in total.

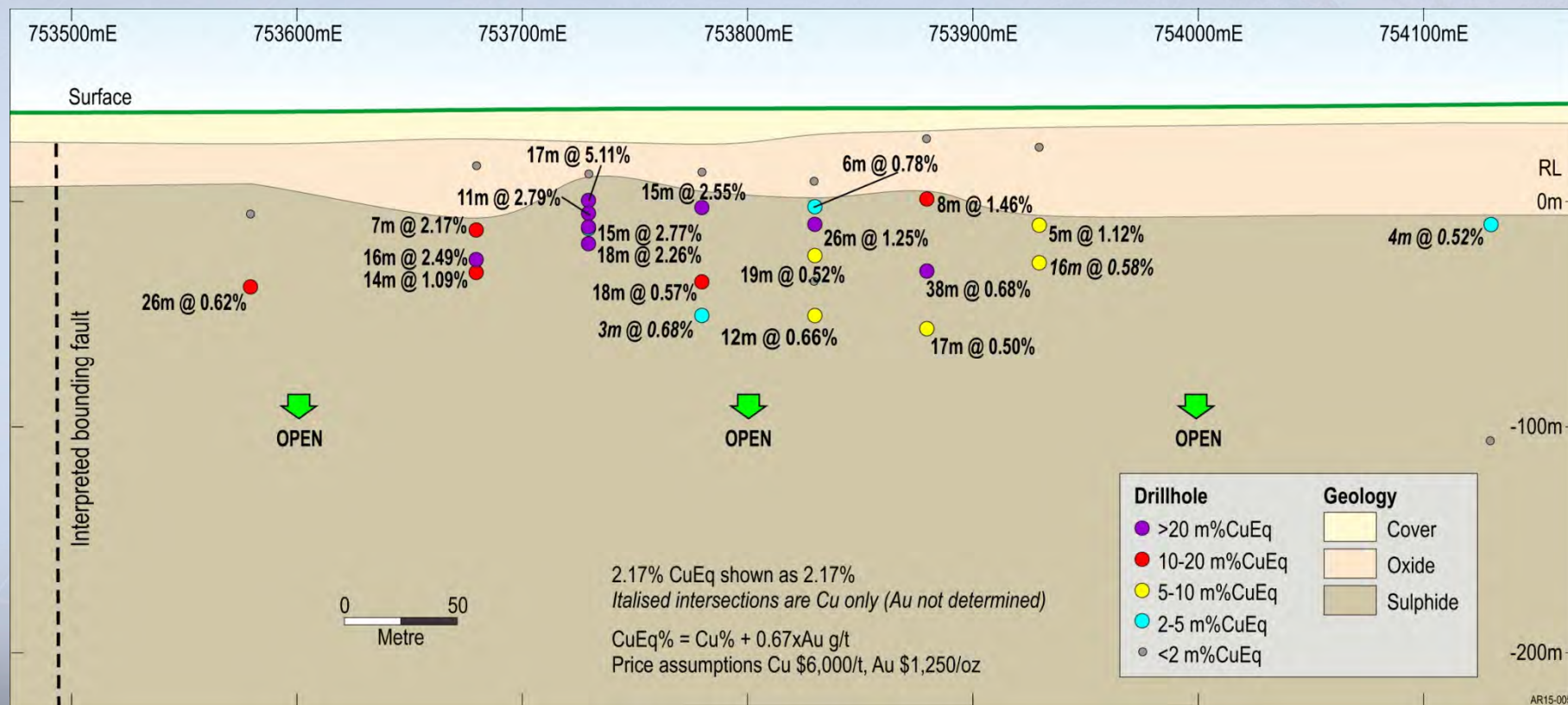




# Alford West – long projection (Bruce Zone North Lode)

Deepest existing holes intersect lode about 100 metres below surface.  
Lode open at depth over significant strike length.

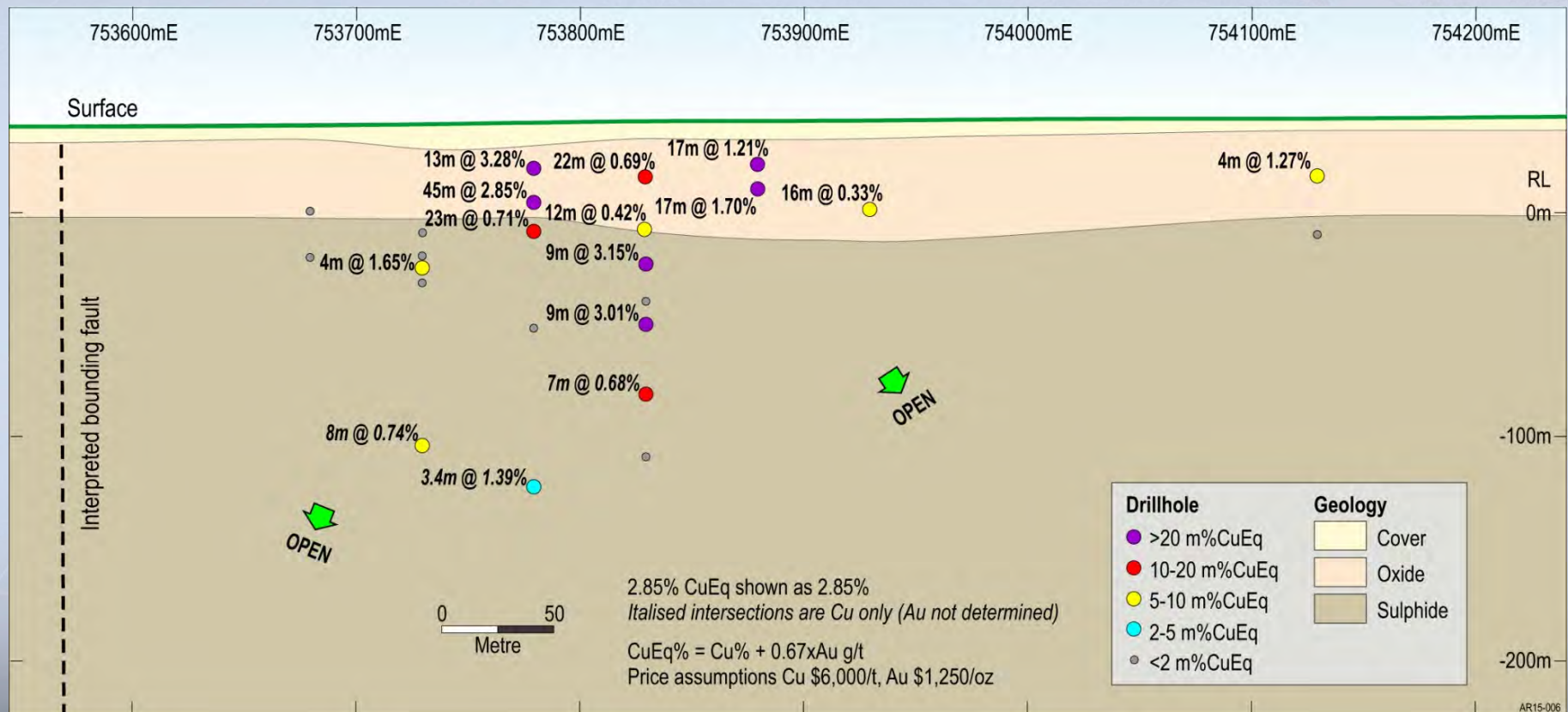
## Bruce Zone - North Lode long projection



# Alford West – long projection (Bruce Zone South Lode)

Deepest existing holes intersect lode about 140 metres below surface.  
Lode open in east and at depth. Significant gold present (where assayed).

## Bruce Zone - South Lode long projection

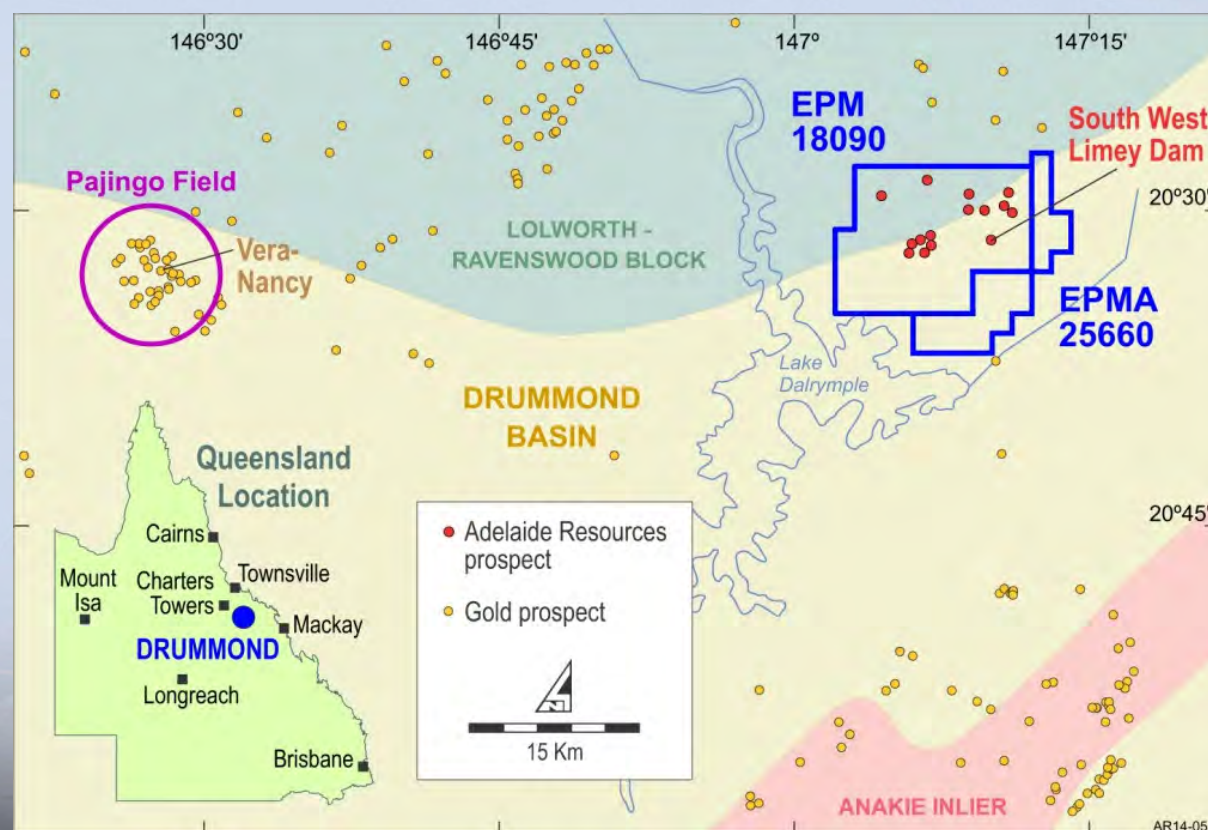




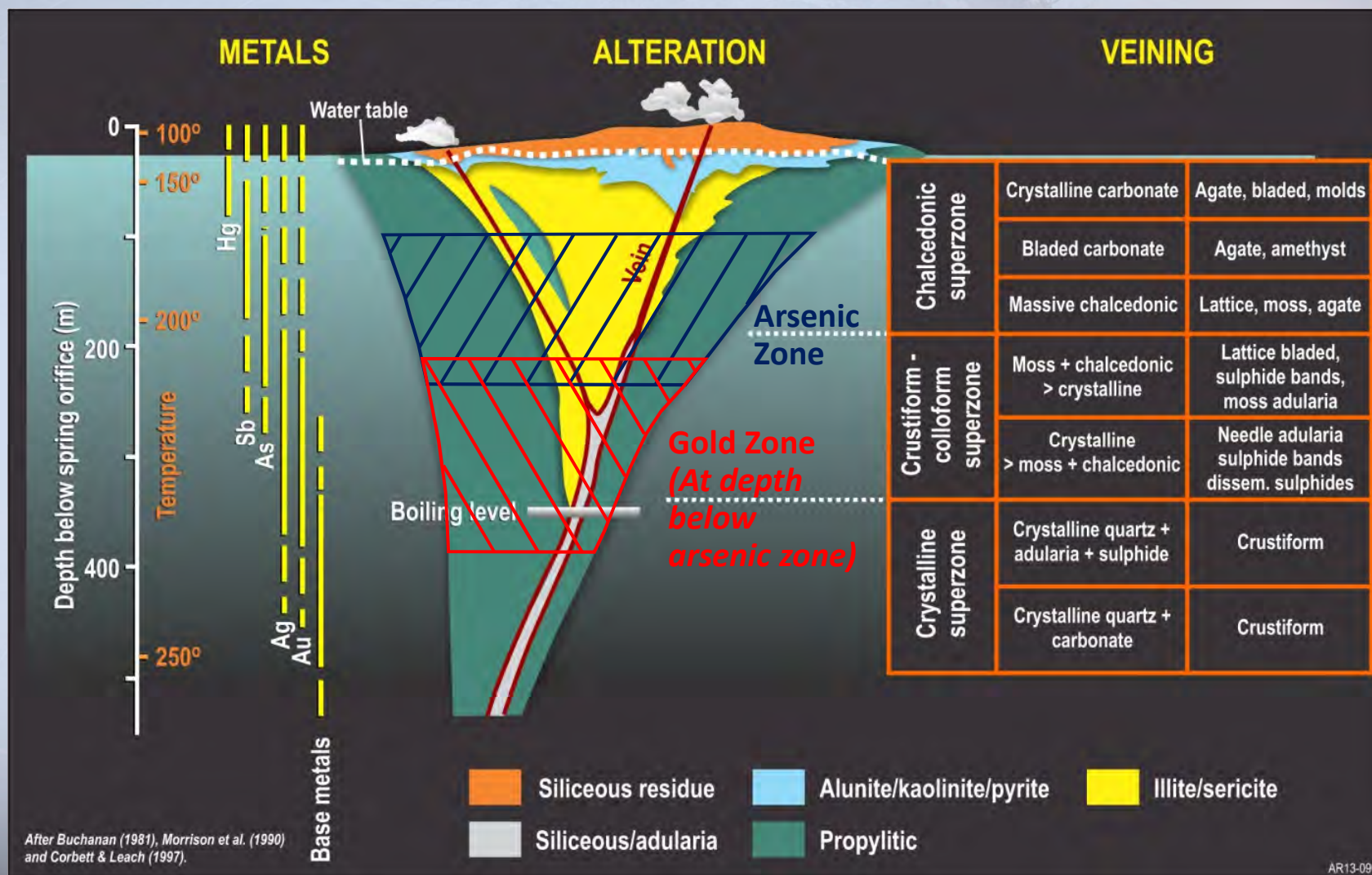
# Drummond epithermal gold

## Classic epithermal gold target defined

- 100% owned, 270 km<sup>2</sup> project
- \$100,000 co-funding from QLD Govt.
- Epithermal pathfinder elements and vein textures present
- Maximum rock chip of 55.4g/t gold
- Successful program of FPXRF soil geochemistry defines gold pathfinder (arsenic) anomalies



# Epithermal gold model

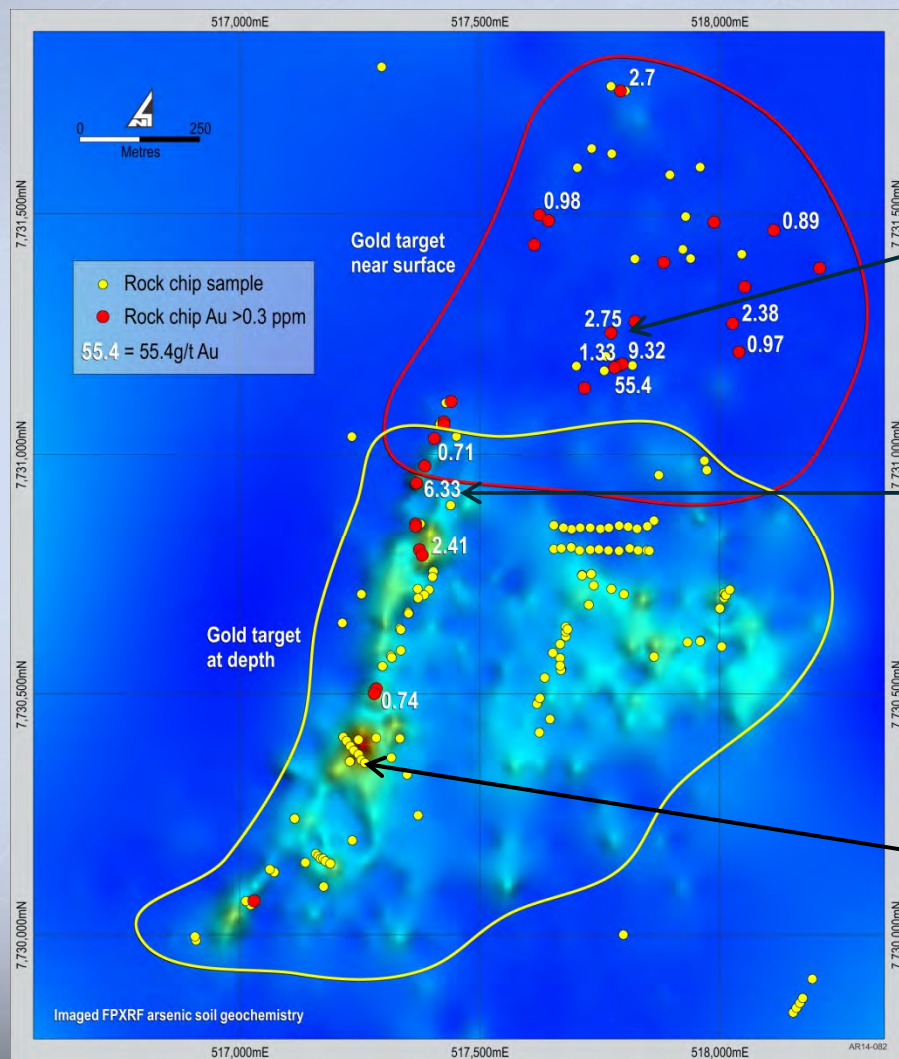


AR13-090

(After Buchanan (1981), Morrison et al. (1990) and Corbett & Leach (1997)).



# South West Limey Dam



Colloform banded vein assaying 2.75g/t Au (gold zone texture)

Conan coming down the hill

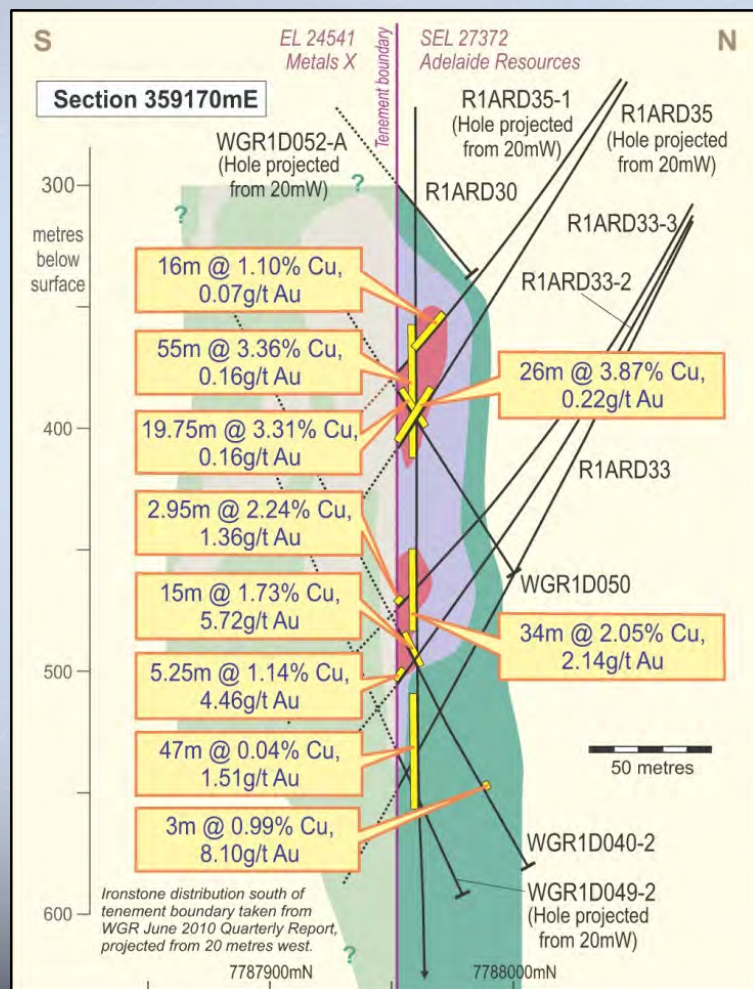


Bladed carbonate (found above gold zone)

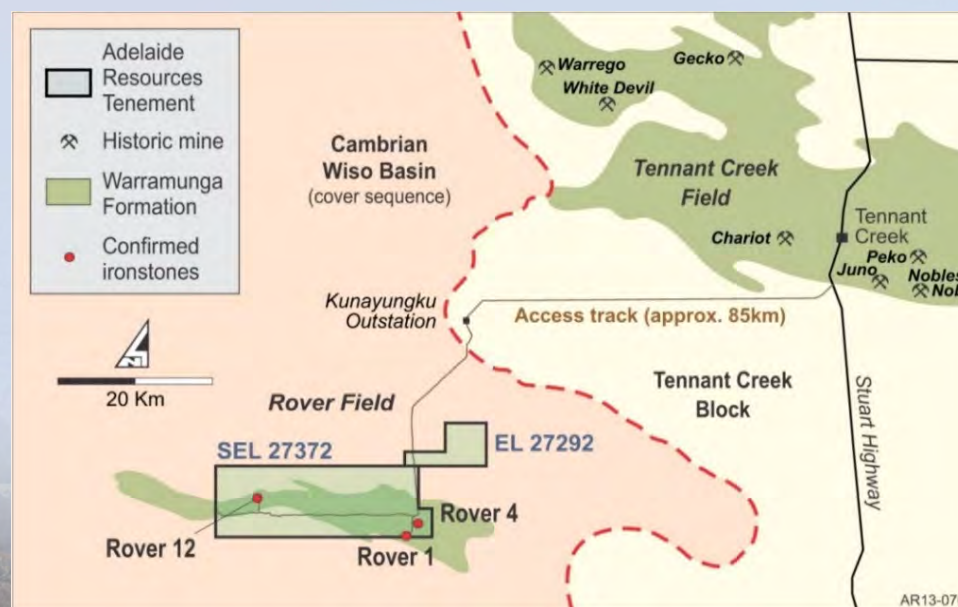


# Rover copper gold

A strategic, highly prospective land position in the Tennant Creek district



- 100% owned
- Prospects include Rover 4, Rover 12 and part of Rover 1
- Company drill results at Rover 1 include:
  - 55m at 3.36% Cu, 0.16g/t Au
  - 34m at 2.05% Cu, 2.14g/t Au
  - 26m at 3.87% Cu, 0.22g/t Au
- Jan 2015 neighbour diamond drill hole
  - 21m at 6% copper, 14.5g/t Au,

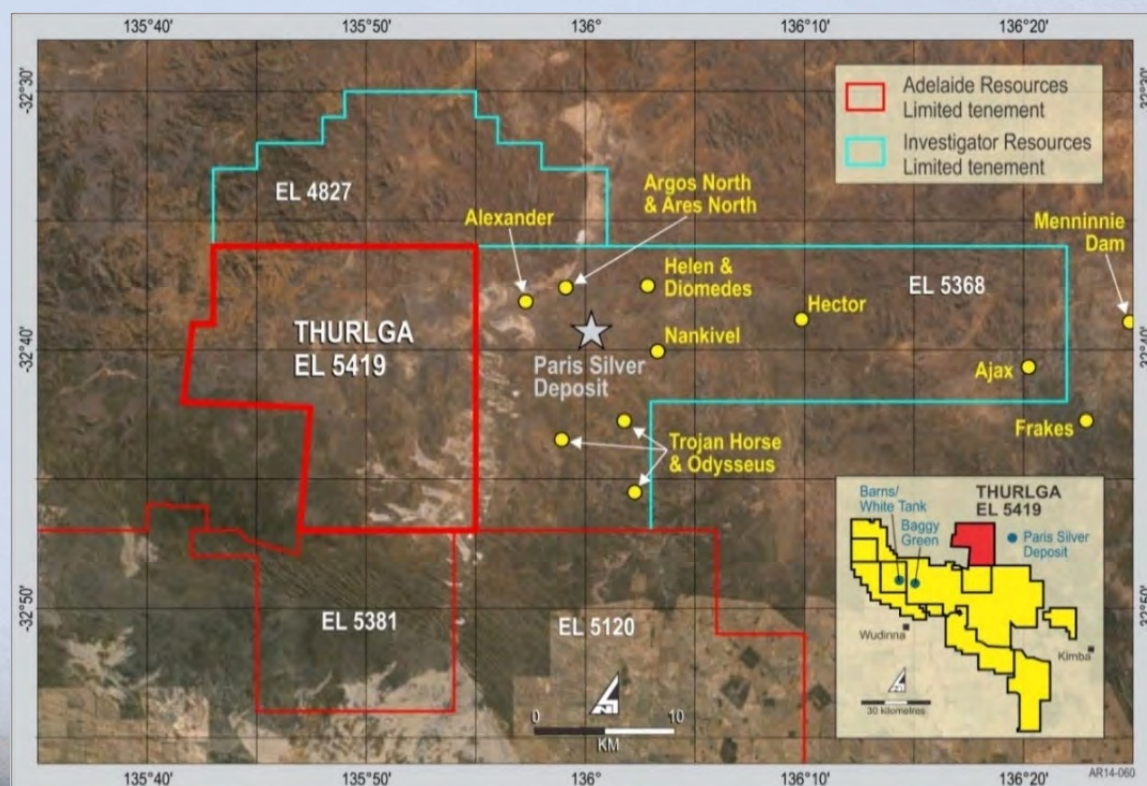




# Eyre Peninsula gold

## Exploration recommences following JV agreement

- Thurlga JV with Investigator Resources
  - 333km<sup>2</sup> tenement adjacent to Paris silver deposit (Inferred Mineral Resource of 5.9Mt @ 110g/t Ag, 0.6% Pb)
- No material gold exploration for 10 years
- Adelaide Resources retains 100% of the Barns, Baggy Green and White Tank gold deposits
- Wider Eyre Peninsula region has been delivering positive exploration results





# An innovative explorer – FPXRF geochemistry

Innovative application of FPXRF geochemistry presents a cost-effective and time-efficient target generation method

FPXRF survey

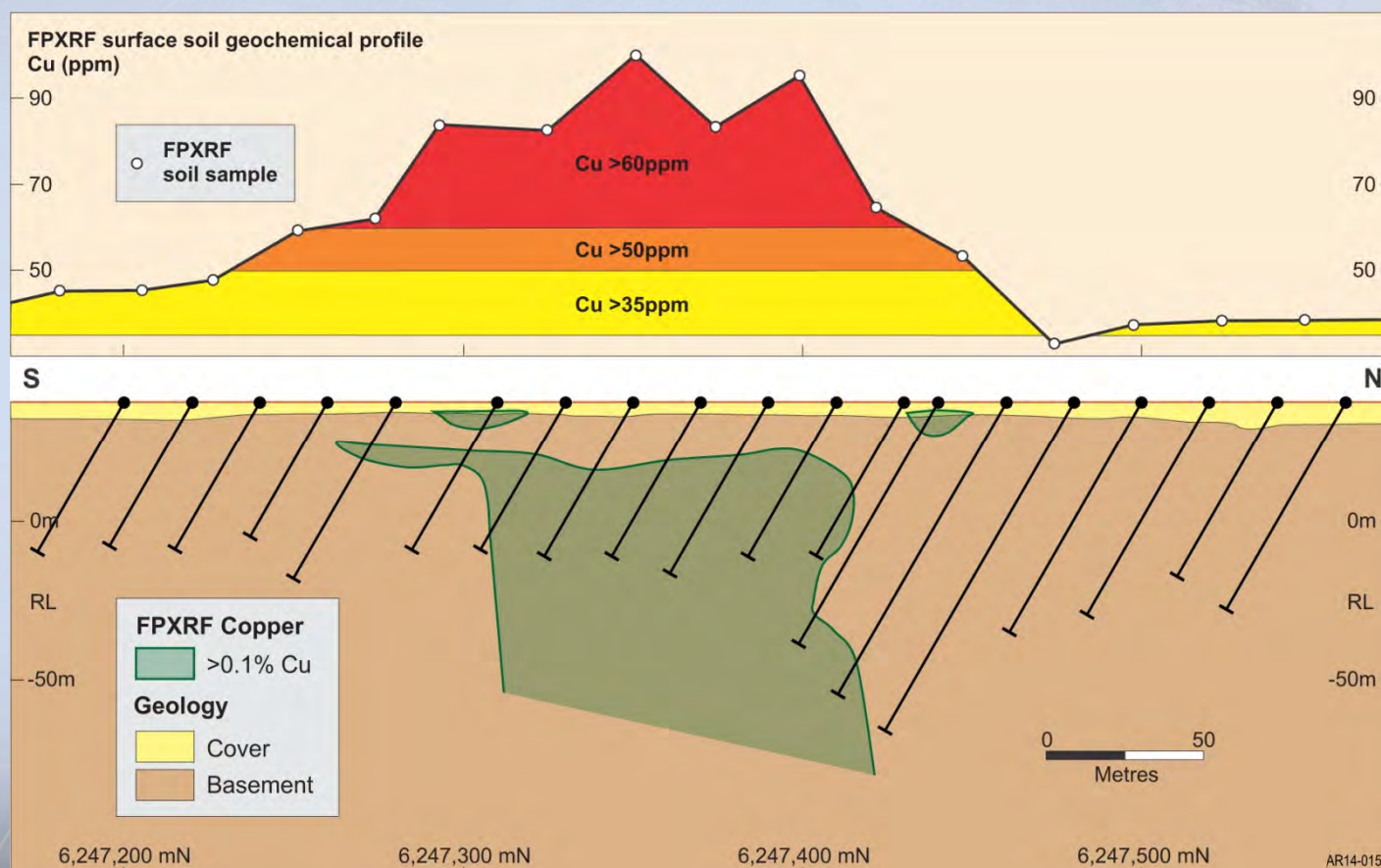
- FPXRF cost/sample is estimated to be about 5% of the cost of collecting and assaying a conventional surface geochemical sample
- FPXRF also allows immediate follow-up of anomalous results without waiting for assay results which can take weeks





# FPXRF geochemistry – Blue Tongue success

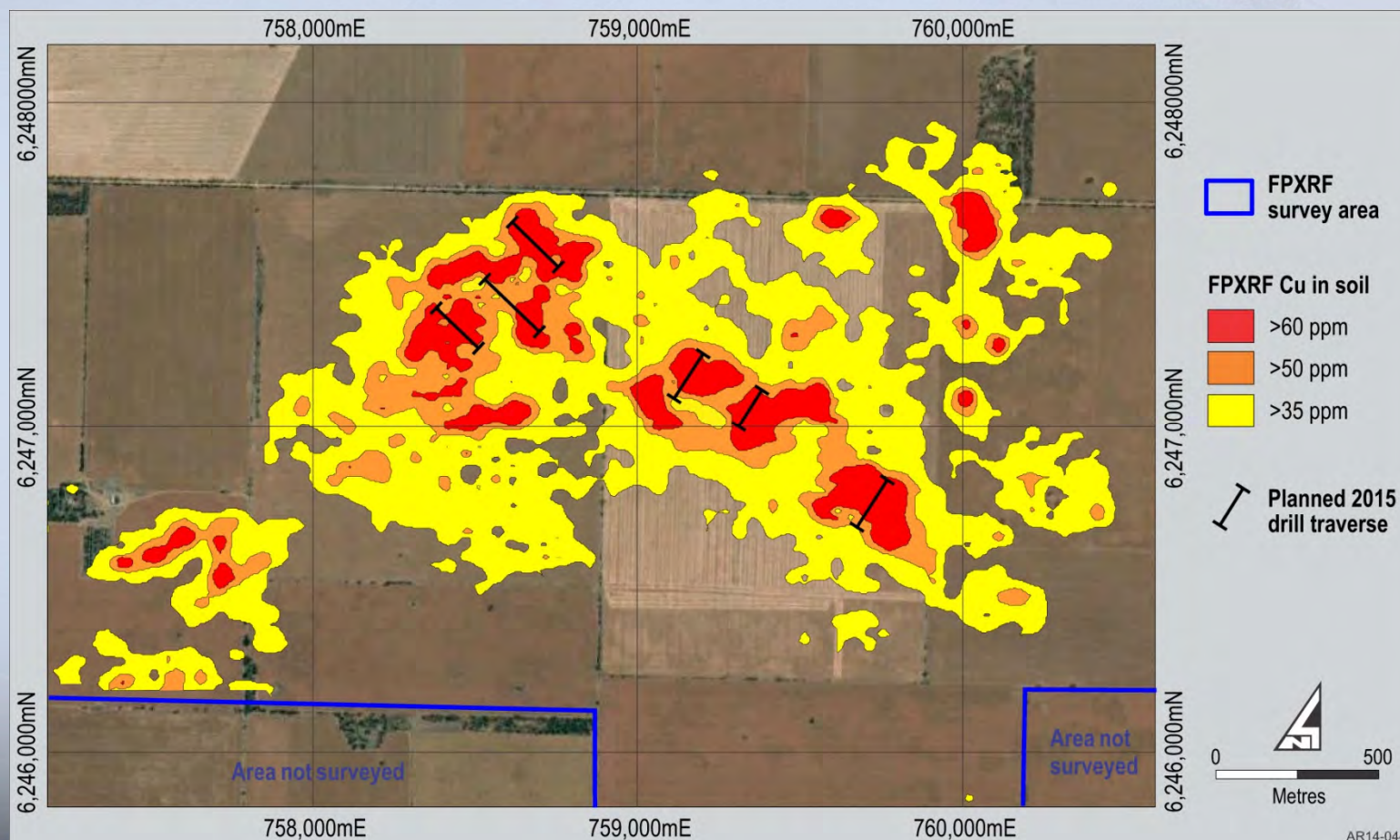
At Blue Tongue FPXRF geochemistry (top profile) clearly defines the underlying copper mineralised zone (cross section at bottom)



# FPXRF - Tomahawk (Moonta) recently drill tested

## Large and coherent copper soil anomaly defined with FPXRF in 2014

- First pass aircore drilling completed early 2015.  
Minor copper carbonates observed in drill chips. Assaying currently in progress.





# An innovative explorer - “Gold in Trees” biogeochemistry

## Building on Dr. Mel Lintern’s (CSIRO) biogeochemical “gold in trees” research

- Dr Lintern’s CSIRO team has confirmed that eucalypts growing on top of mineral deposits transport gold from significant depths and precipitate it as tiny particles in the above ground foliage.
- One of Dr Lintern’s research sites was Adelaide Resources’ Barns gold deposit on Eyre Peninsula.
- We are now researching if the CSIRO work can be used as a cost efficient regional exploration method.



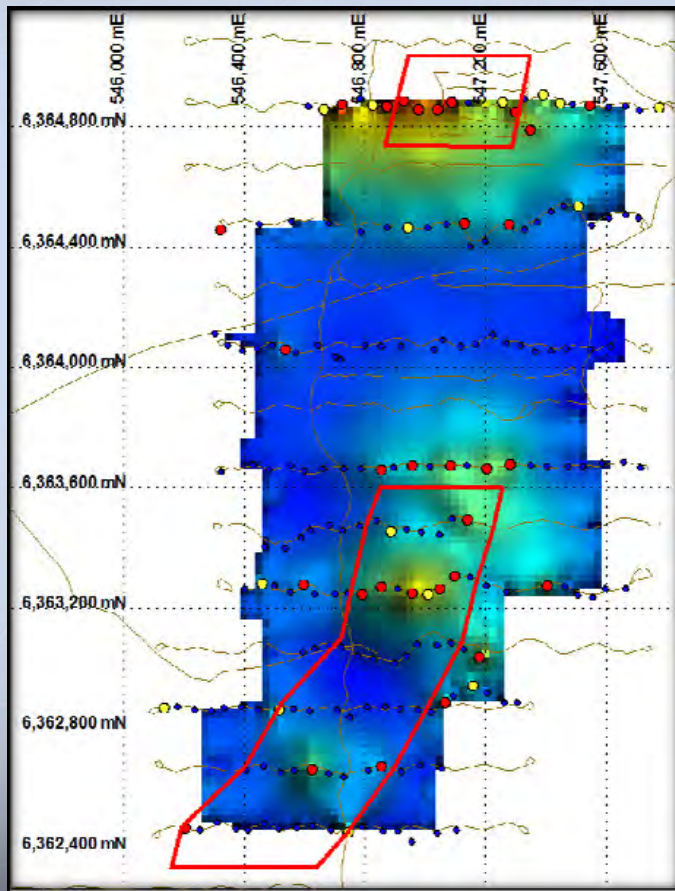


# Successful biogeochemical trial

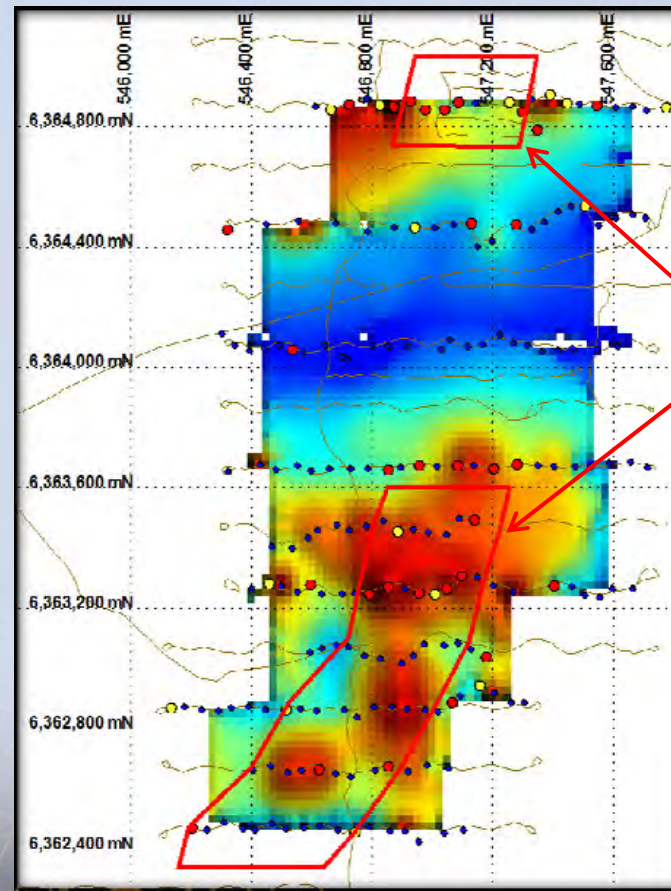
**Baggy Green is a gold mineralised system under aeolian sand and depleted saprolite**

- Anomalous gold and silver in eucalyptus leaves observed above known mineralisation

Gold in mallee leaves



Silver in mallee leaves



Red regions are drill defined zones of bedrock hosted gold mineralisation



# Future focus and program

**Alford West and surrounding prospects to remain the major focus, but there are multiple exciting avenues for operational and corporate activity**

- Recent results at Drummond confirm it as a high quality new project
- Metal X's recent drilling results at their Rover prospect confirm outstanding potential of region

## Proposed work program

	Commenced / commencing
<b>Moonta Copper Gold Project</b>	
Deep drilling (RC / diamond) at Larwood and Bruce Zones at Alford West	1H 2015
Aircore drilling at Tomahawk and Alford West	Underway
FPXRF soil geochemistry across project tenement to define new targets	Ongoing
Digital capture/assessment of historical exploration data to define new targets	Ongoing
<b>Drummond Epithermal Gold Project</b>	
Systematic FPXRF soil geochemistry and rock chip sampling	Ongoing
RC / diamond drilling at South West Limey Dam prospect	2Q/3Q 2015
<b>Other Projects</b>	
Eyre Peninsula Gold Project – airborne geophysics and soil geochemistry on Thurlga JV	Underway
Eyre Peninsula Gold Project – biogeochemical orientation program	Completed
Eyre Peninsula Gold Project – RC drilling at Baggy Green/Barns gold prospects	3Q 2015
Rover Gold Copper Project – internal review of Rover 1 and Rover 4 deposits	Underway

# Disclaimer, Competent Person's statement and JORC statements

## Disclaimer

The information in this presentation is published to inform you about Adelaide Resources Limited ("Adelaide Resources" or the "Company") and its activities. Some statements in this presentation regarding estimates or future events are forward looking statements. They involve risk and uncertainties that could cause actual results to differ from estimated results. All reasonable effort has been made to provide accurate information, but we do not warrant or represent its accuracy and we reserve the right to make changes to it at any time without notice. To the extent permitted by law, Adelaide Resources accepts no responsibility or liability for any losses or damages of any kind arising out of the use of any information contained in this presentation. Recipients should make their own enquiries in relation to any investment decisions.

## Competent Person's statement

The information in this presentation that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Chris Drown, a Competent Person, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Drown is employed by Drown Geological Services Pty Ltd and consults to the Company on a full time basis, acting as the Company's Managing Director. Mr Drown has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Drown consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

## JORC Code 2012 statements

The information relating to Adelaide Resources' past exploration to 30 November 2013 and its assessment of exploration completed by past explorers was prepared and 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 information relating to Adelaide Resources' exploration since 1 December 2013 has been reported in compliance with the JORC Code 2012. See ADN's ASX releases dated 18 December 2013 titled "New Drill Target Defined Near Alford West Prospect – SA."; dated 12 February 2014 titled "Another New Drill Target Defined Near Alford West – SA."; dated 6 March 2014 titled "Maiden Drilling Intersects Copper At Blue Tongue – SA."; dated 11 March 2014 titled "Alford West Drilling Delivers Second High Grade Copper Target Zone – SA."; dated 3 April 2014 titled "Petrology Study Highlights Drummond Project Potential – QLD."; 9 April 2014 titled "Further Encouraging Alford West Results – SA."; dated 1 May 2014 titled "New Mineralisation Model for the Alford West Prospect – SA."; dated 5 May 2014 titled "Significant Intersections from Larwood Zone at Alford West – SA."; dated 7 May 2014 titled "Excellent Results Upgrade Bruce Zone at Alford West – SA."; dated 12 May 2014 titled "High Grade Hits Improve Six Ways Zone at Alford West – SA."; dated 5 June 2014 titled "Tomahawk - another high quality drill target defined in the Alford Copper Belt – Moonta Copper-Gold Project, SA."; dated 4 August 2014 titled "Drummond Gold Project wins Collaborative Drilling Initiative funding."; dated 11 August 2014 titled "Review Of Historical Data Confirms West Doora as Significant IOCG Prospect – Moonta Project."; dated 18 August 2014 titled "Thurlga Joint Venture with Investigator Resources Limited to explore for new Eyre Peninsula deposits."; dated 14 October 2014 titled "FPXRF survey grows Drummond Epithermal Gold Target – QLD."; and dated 18 December 2014 titled "Deeper intersections of 18 metres at 1.14% copper and 15 metres at 1.00% copper confirm depth potential at Alford West – SA."





**Adelaide Resources Limited**

**Contact: Chris Drown 0427 770 653**