



Adelaide Resources Limited

The Alford West Copper Prospect

10th SA Exploration and Mining Conference

*Presented by
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adelaideresources.com.au



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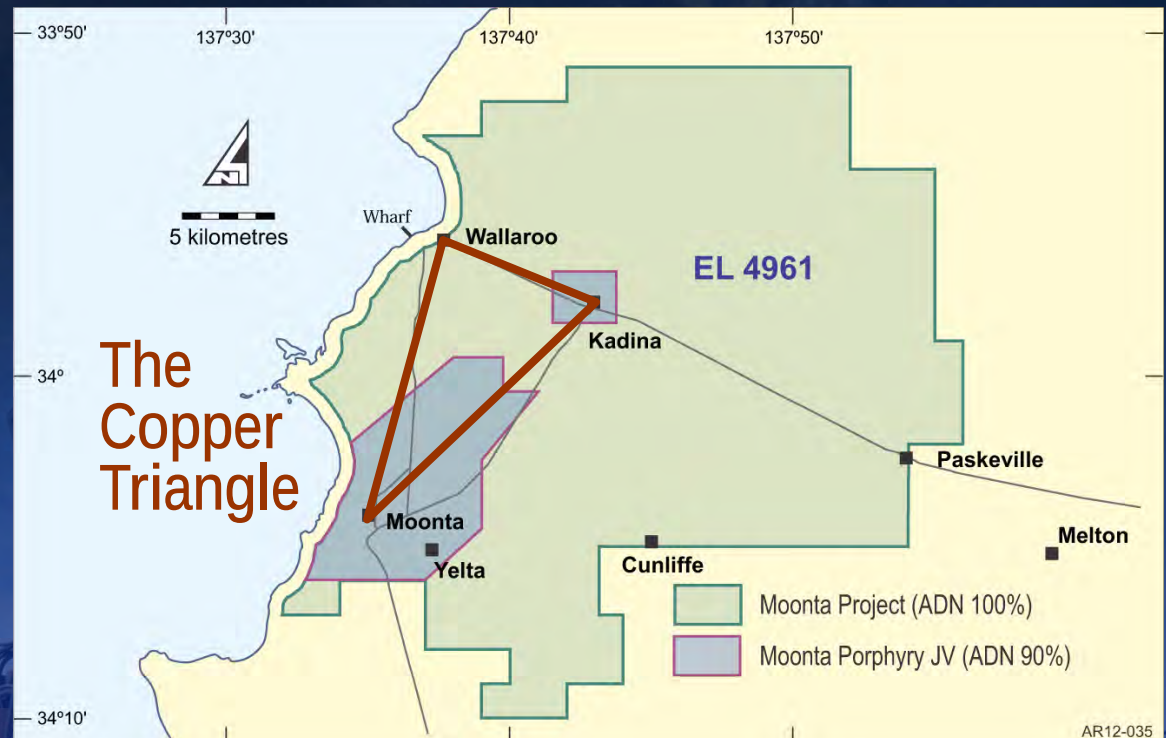
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The Yorke Peninsula's "Copper Triangle"

"To the Colony of South Australia, copper was like a huge flywheel, generating wealth and activity." (Blainey – *The Rush That Never Ended*)



1915 Richmans Enginehouse, Moonta



Adelaide Resources aims to turn the “Copper Triangle” into the “Copper Polygon”!

Olympic Copper-Gold Province – operating companies

All land in the OCGP where exploration is allowed is pegged.

Even Spencer Gulf is pegged!!

LEGEND

-  Olympic Copper Gold Province
-  Adelaide Resources
-  Antofagasta
-  Areva
-  BHPB
-  FMG
-  Oz Minerals
-  Rex
-  Rio Tinto
-  Sandfire
-  Straits
-  Uranium One
-  Xstrata
-  Other

Major companies and copper producers dominate.

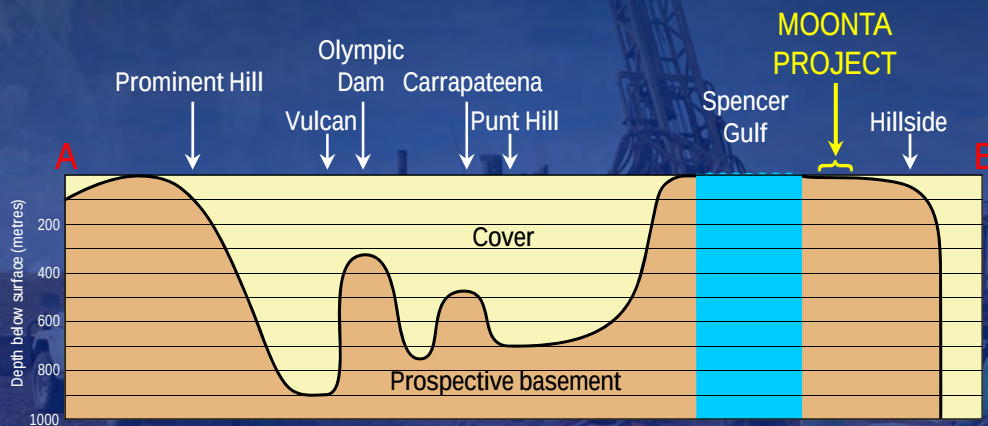
(non OCGP tenements not shown)



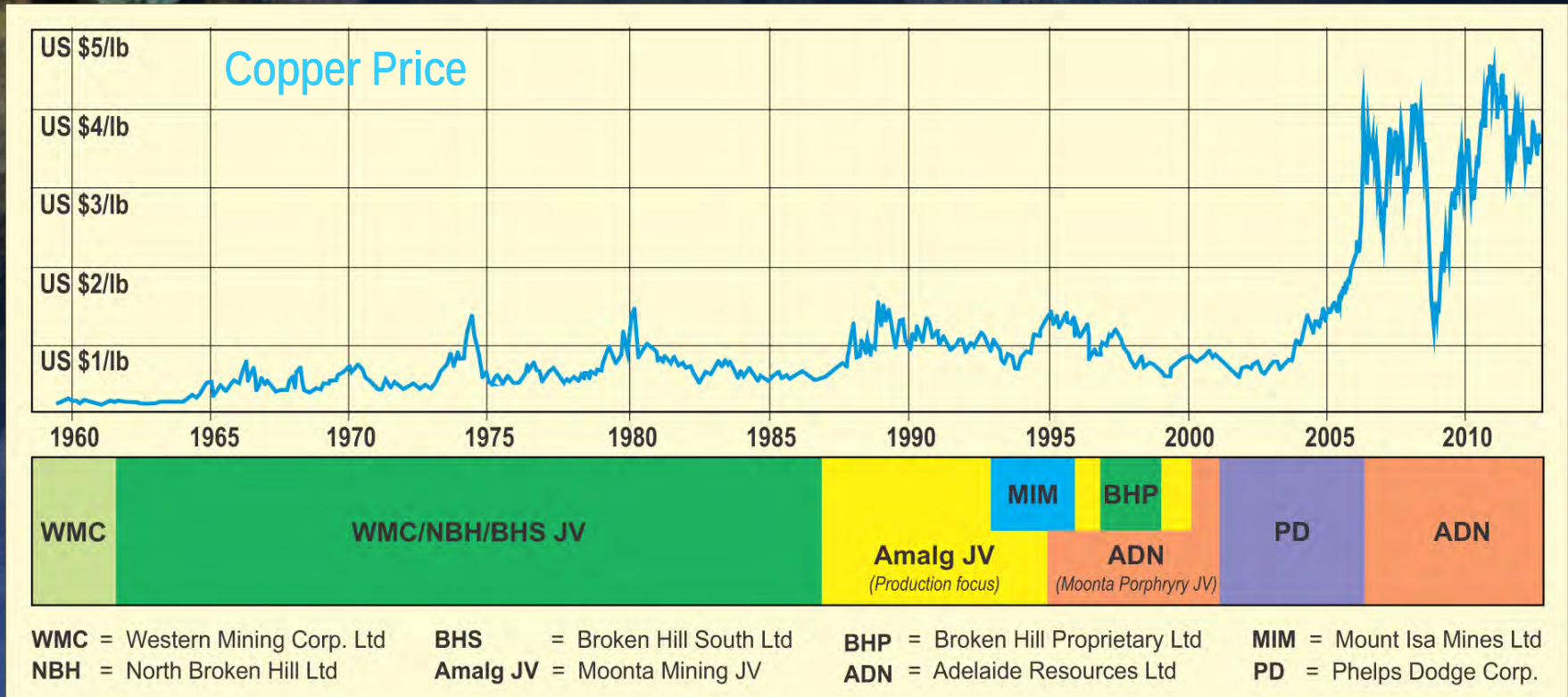
OCGP – depth to prospective basement

The Yorke Peninsula in general, and the Moonta Project in particular, has the shallowest cover anywhere along the entire Olympic Copper Gold Province.

Schematic section



Moonta Project – modern exploration history timeline



Historical exploration at Moonta was dominated by mid caps and majors which needed to find very large resources. This presents Adelaide Resources with a valuable historical database and a scale opportunity. The opportunity is significantly enhanced by improved copper prices since the mid 2000's.

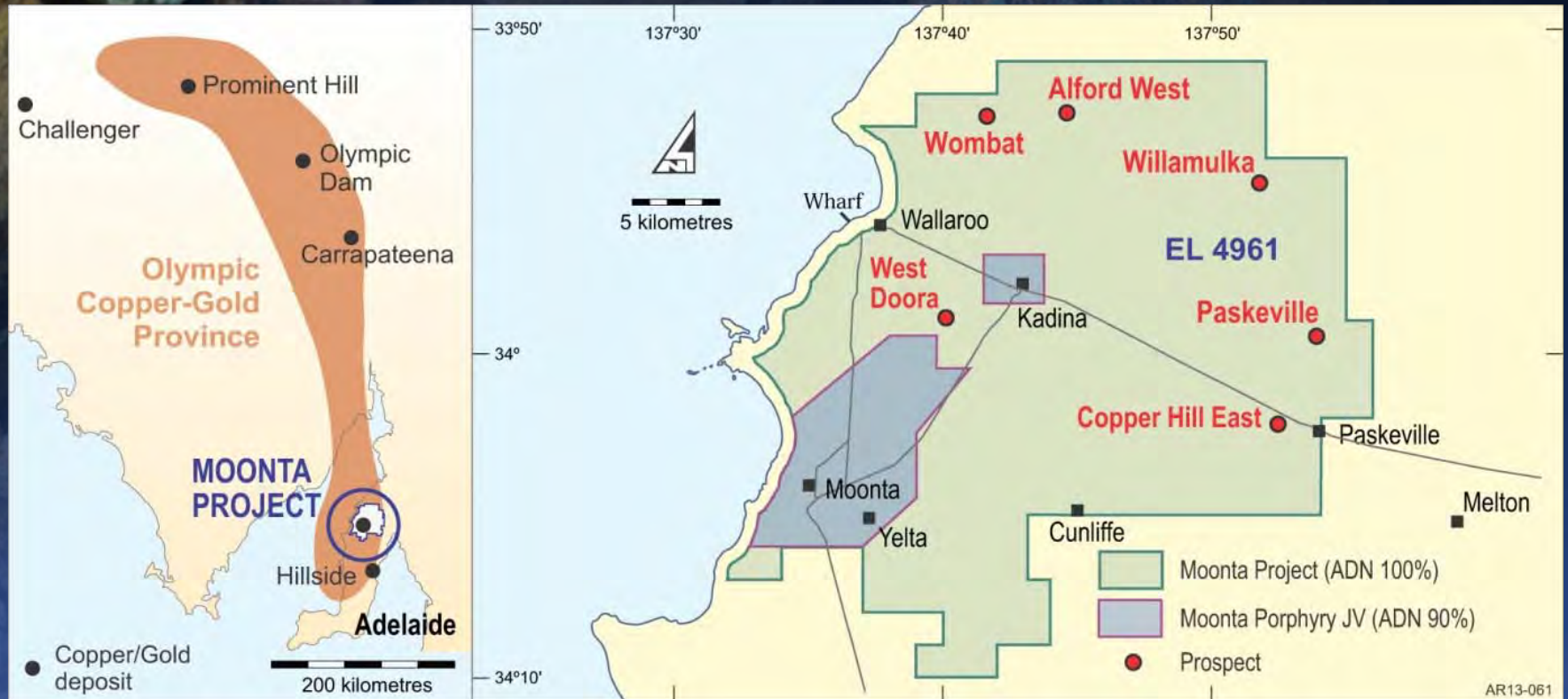
“Buried Treasure” discovered in open file DMITRE report

AL11

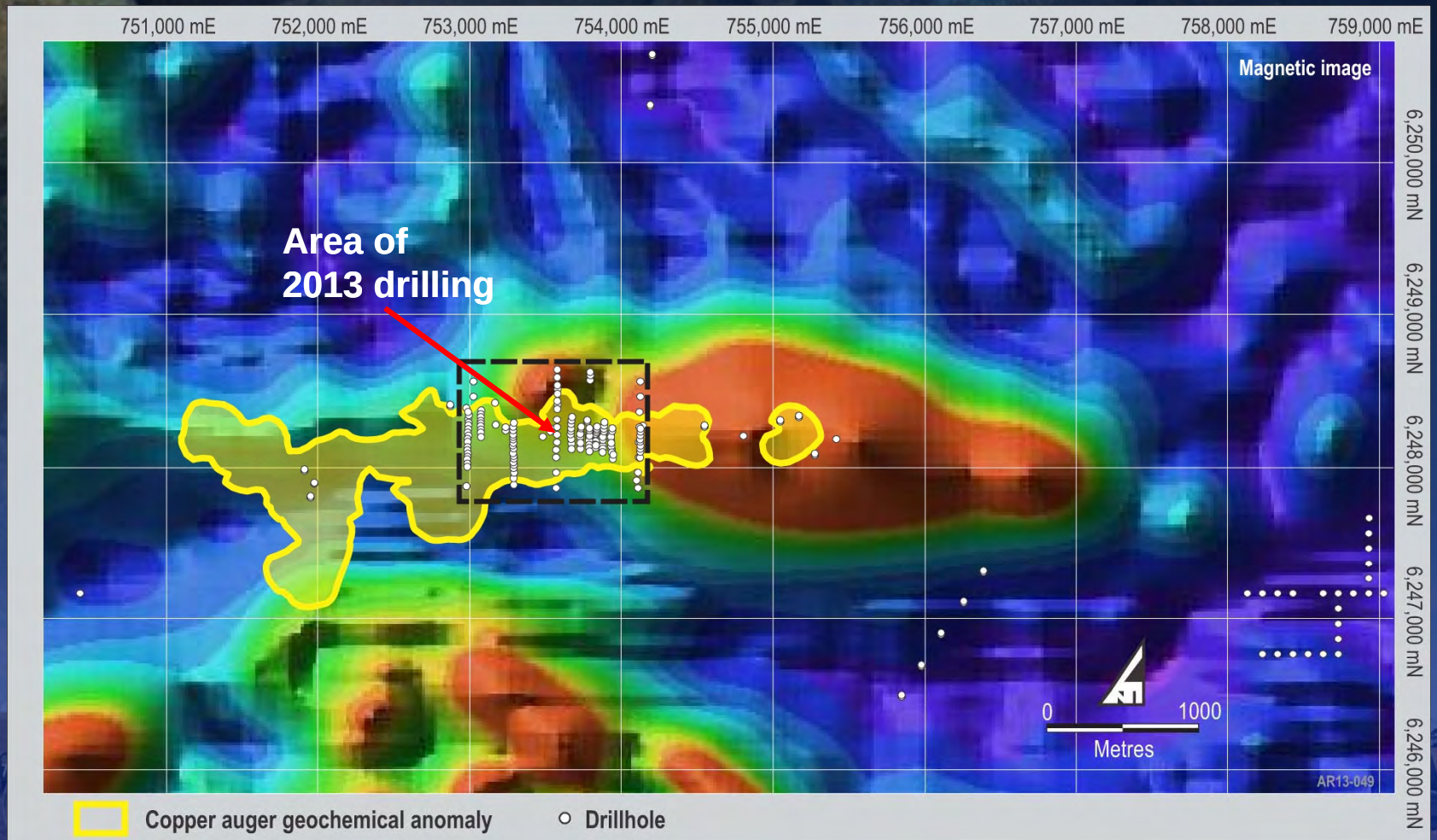
DEPTH		LITHOLOGY	MINERALIZATION				
From	To	DESCRIPTION	SYMBOL	DESCRIPTION	EST Cu	PMA	AA
50	51	Finest clay as above					
51	52	" " some psammic					
52	53	As above					
53	54	" "					
54	55	" "					0.04
55	56	" "					0.01
56	57	" "					
57	58	" "					
58	59	" "					0.04
59	60	High hematite dyal. etc (psam)					2.43
60	61	As above					2.09
61	62	" "					3.10
62	63	" "					3.46
63	64	" "					2.10
64	65	" "					4.16
65	66	" "		minor heavy + Py			2.36
66	67	" "		minor sp.H + Py + minor Py			1.22
67	68	Low hematite dyal. etc w/s		As above			1.06
68	69	As above		" "			1.00
69	70	White clay weathered schist?					0.13
70	71	As above		minor Py			0.12
71	72	" "		Py + sp.H + Py	0.2		0.24
72	73	" "		minor As above			0.08
73	74	Dark grey black weathered schist		Py + sp.H + Py	0.2		0.07
74	75	Dark grey black weathered Gneiss?		As above			0.09

10m @ 2.3% Cu
from 59m in old
Alford hole AL11

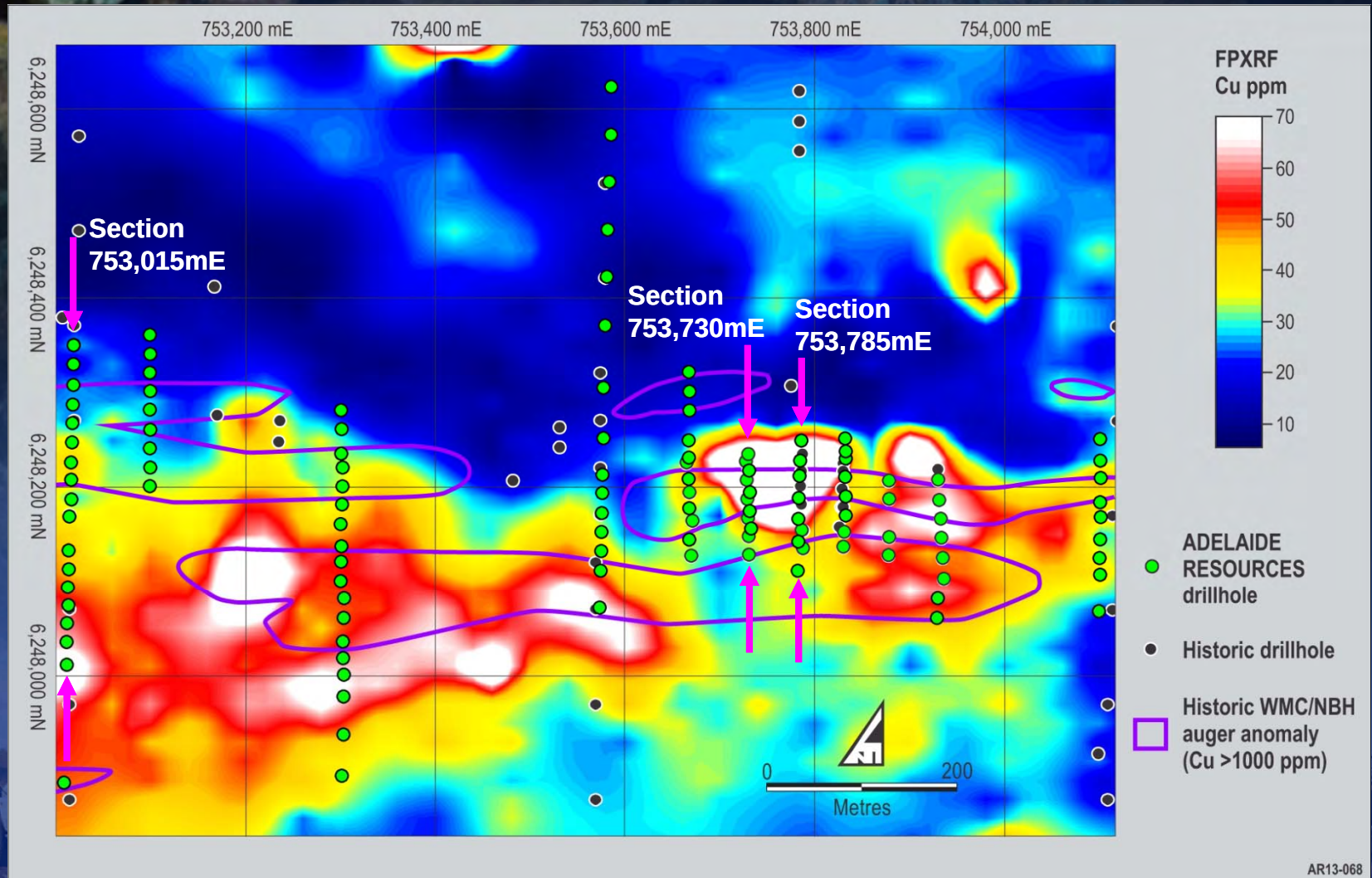
Moonta Project – location plan



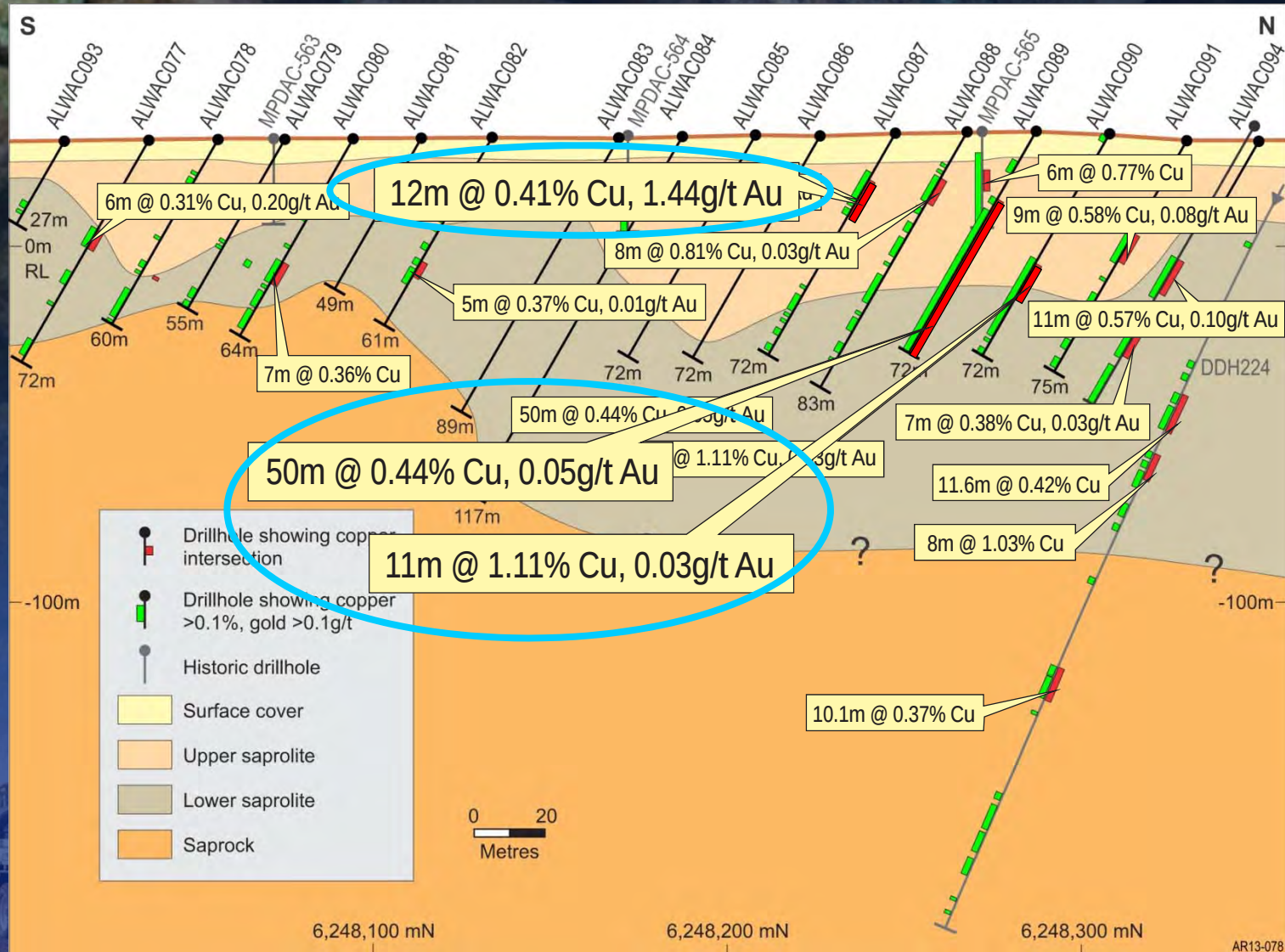
Alford West – magnetic image showing WMC/NBH 1970's auger copper anomaly (>200ppm) and drillhole collars



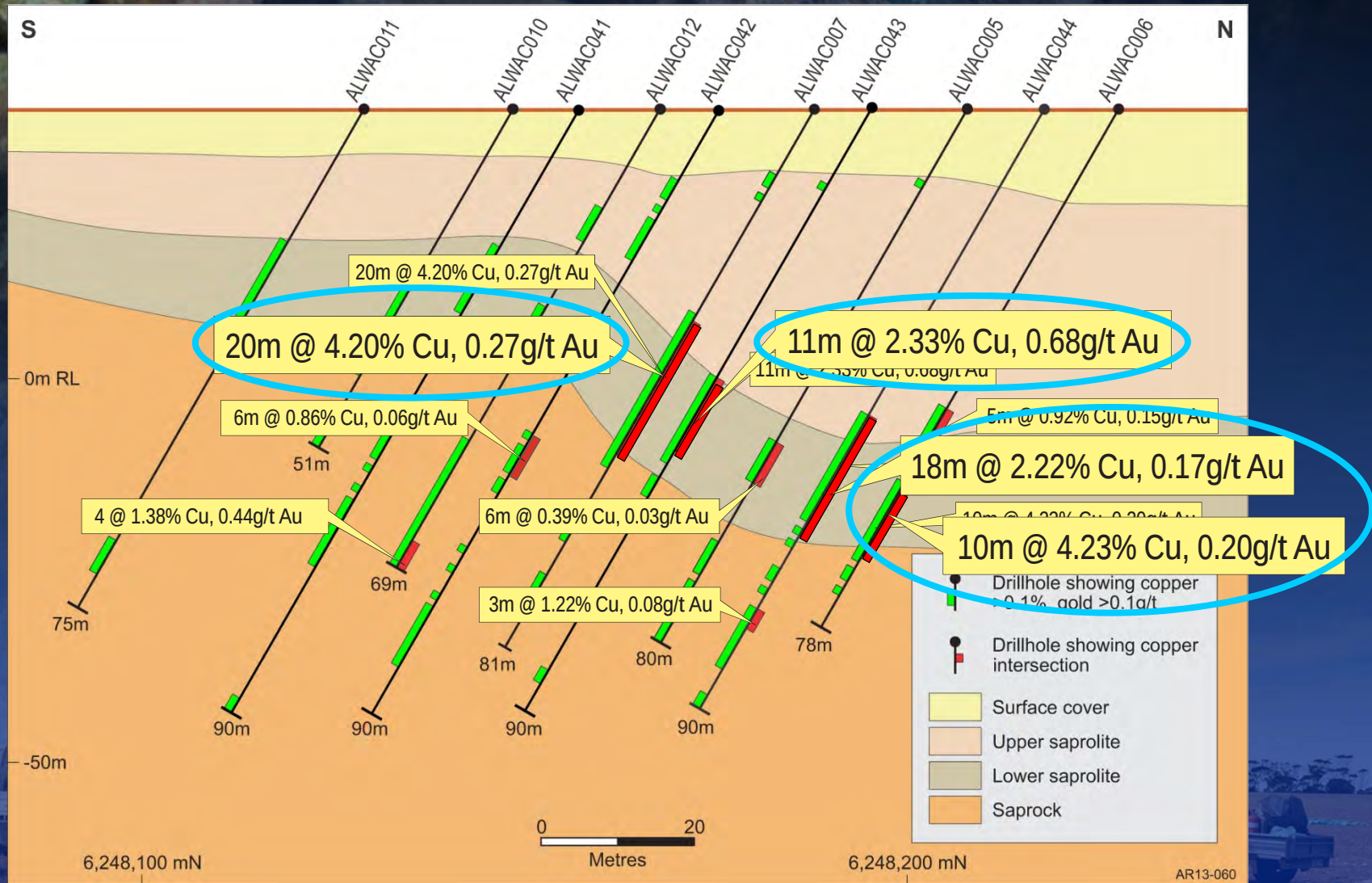
Alford West Prospect – 2013 drilling summary



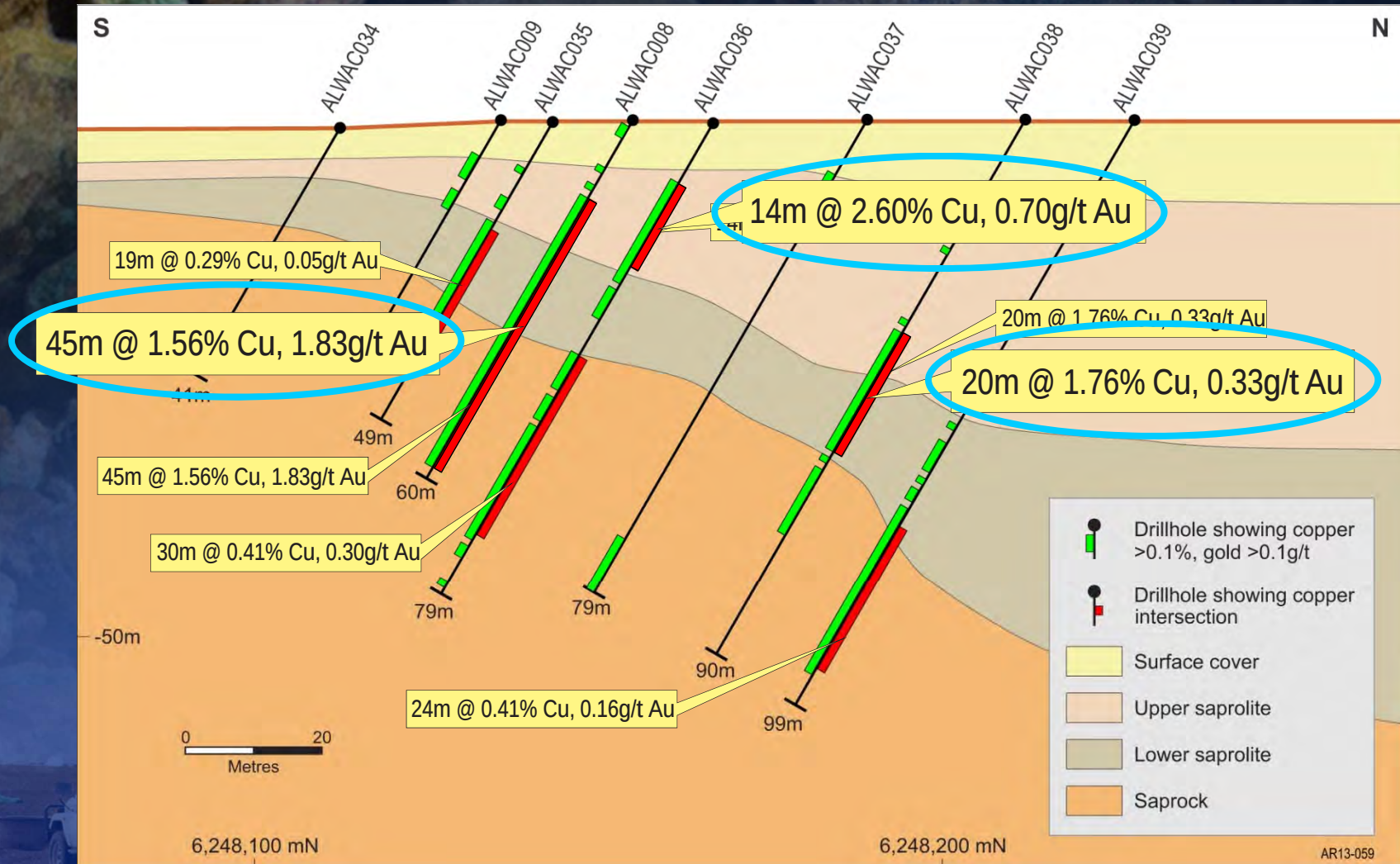
Alford West Prospect – Section 753,015 mE



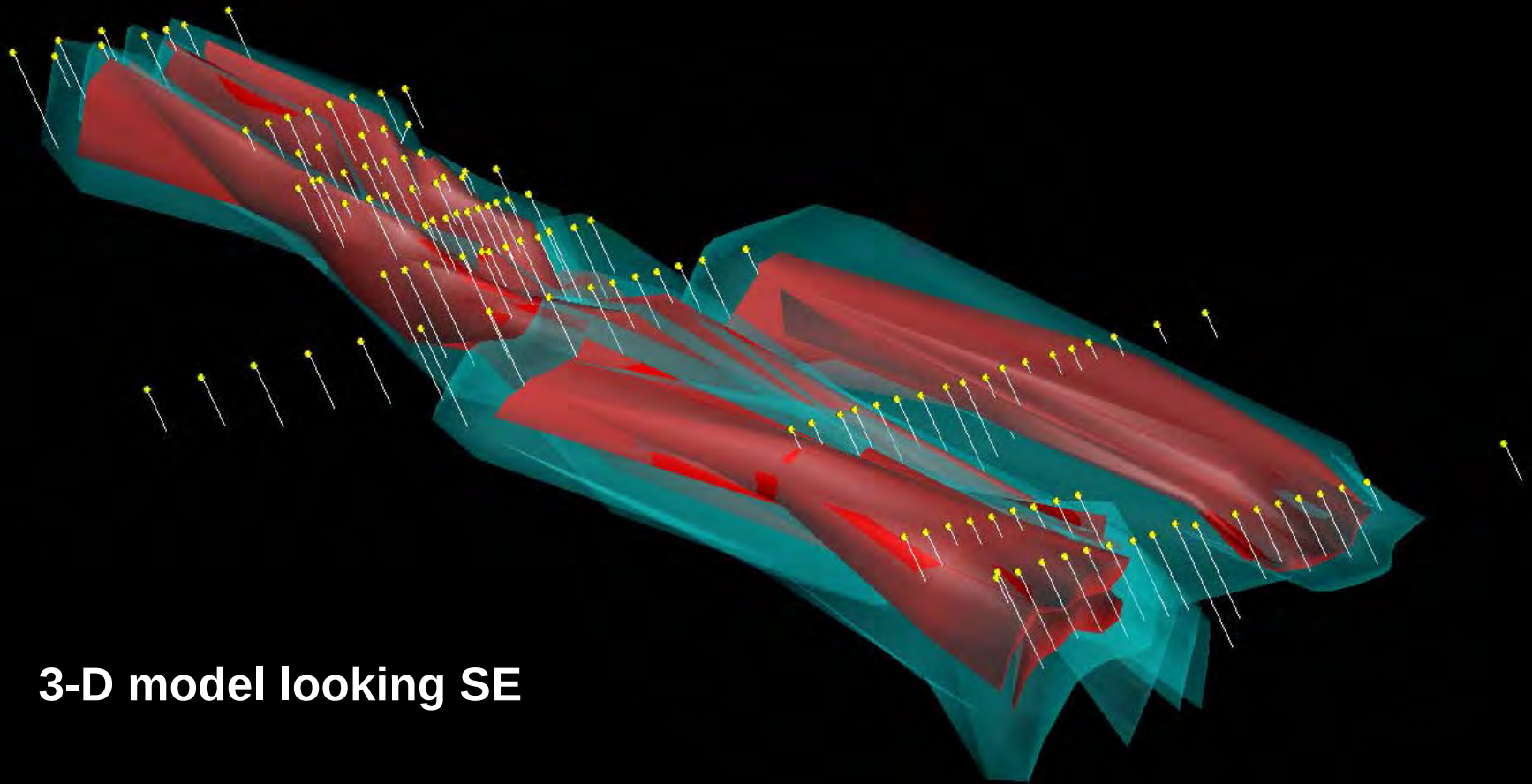
Alford West Prospect – Section 753,730 mE



Alford West Prospect – Section 753,785 mE



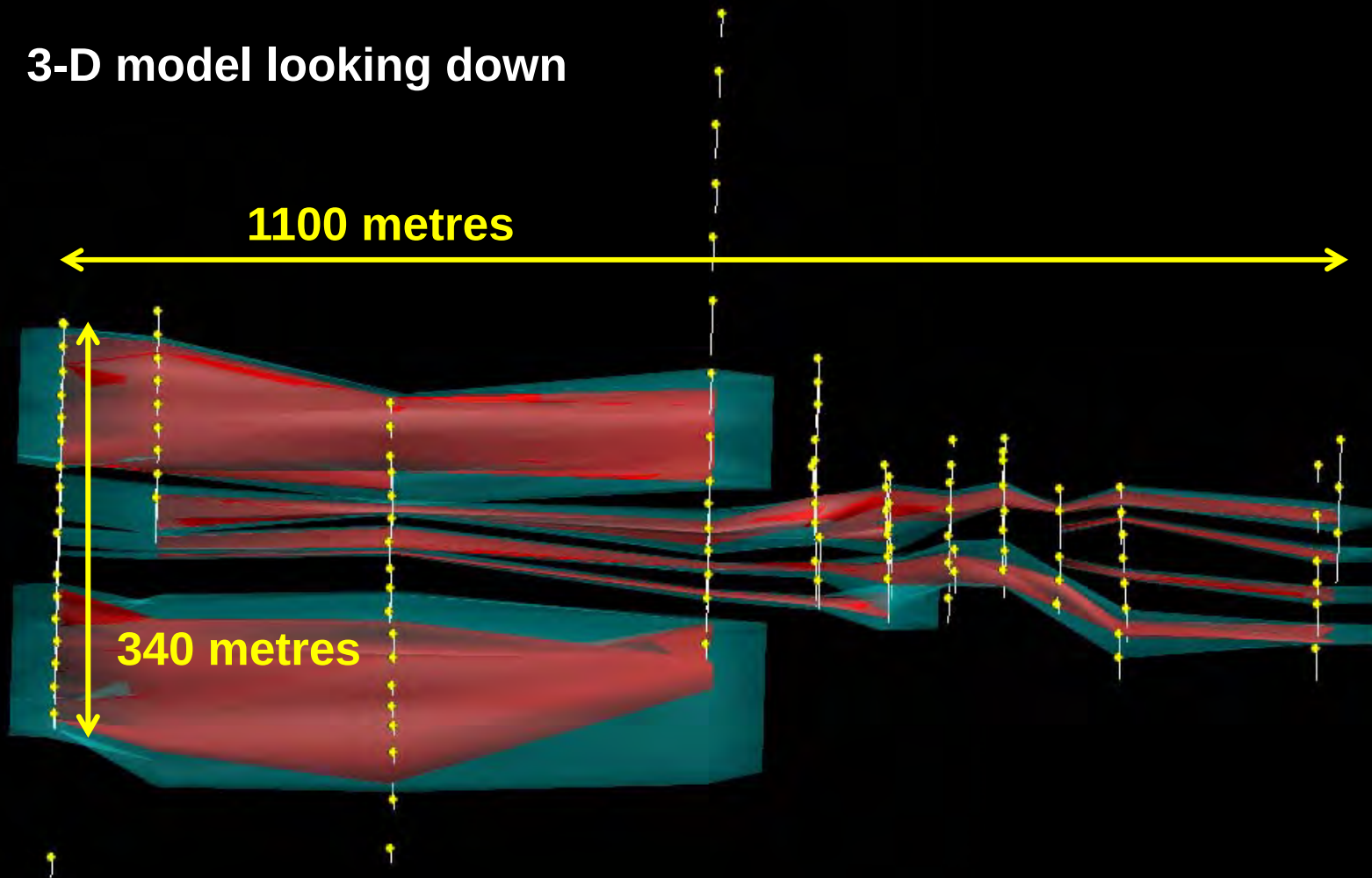
Alford West – current 3-D model (ADN drilling only)



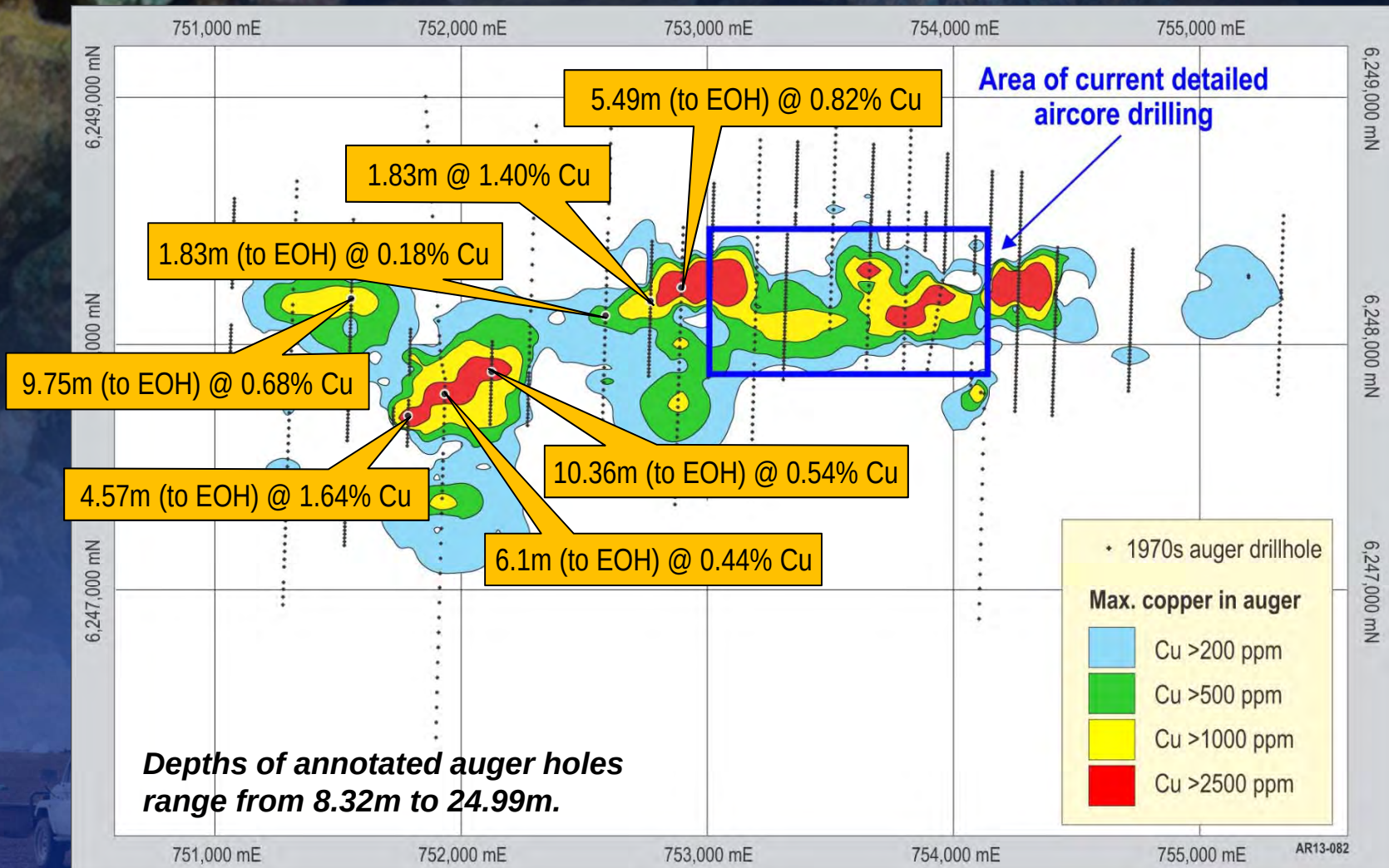
3-D model looking SE

Alford West – current 3-D model (ADN drilling only)

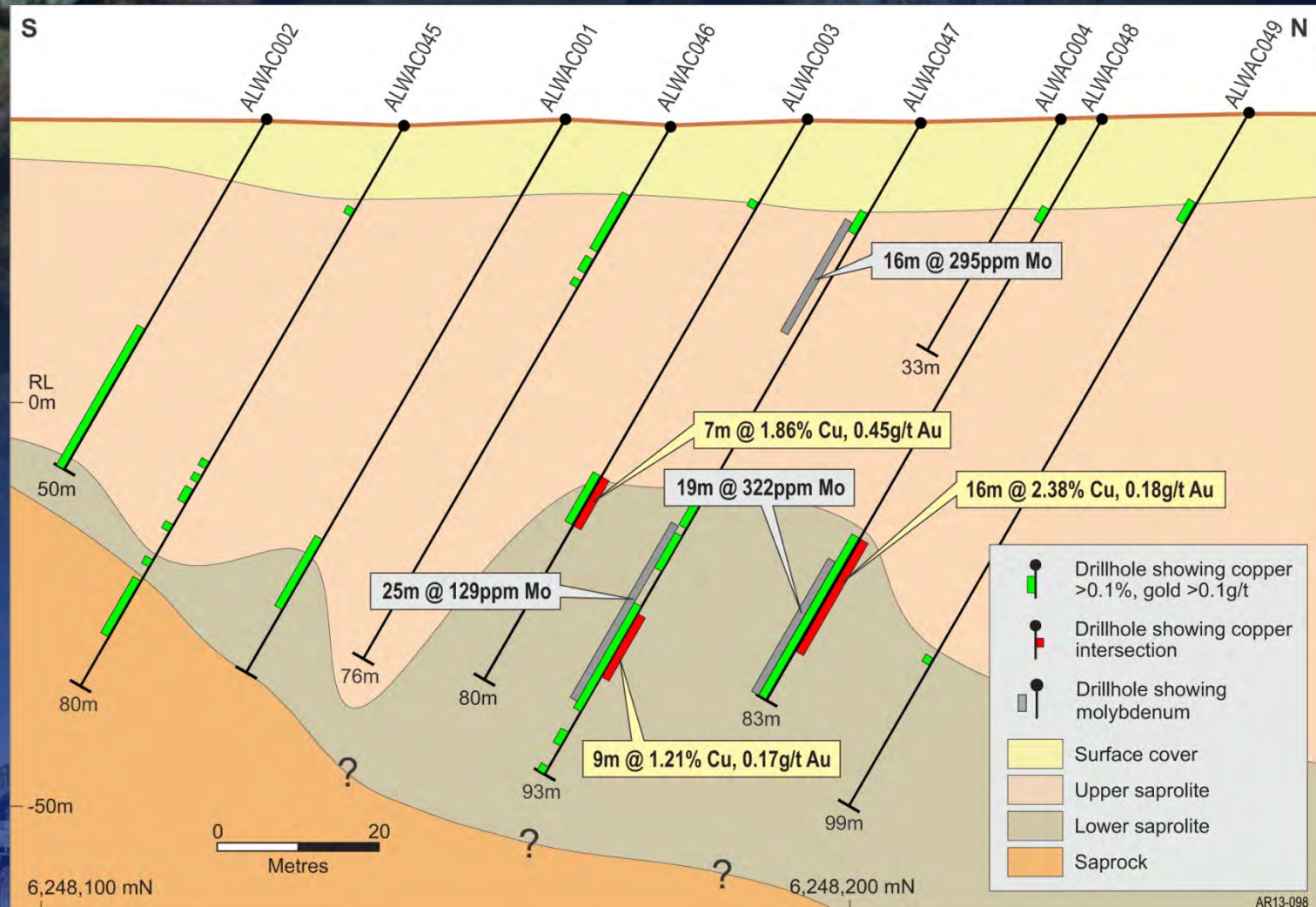
3-D model looking down



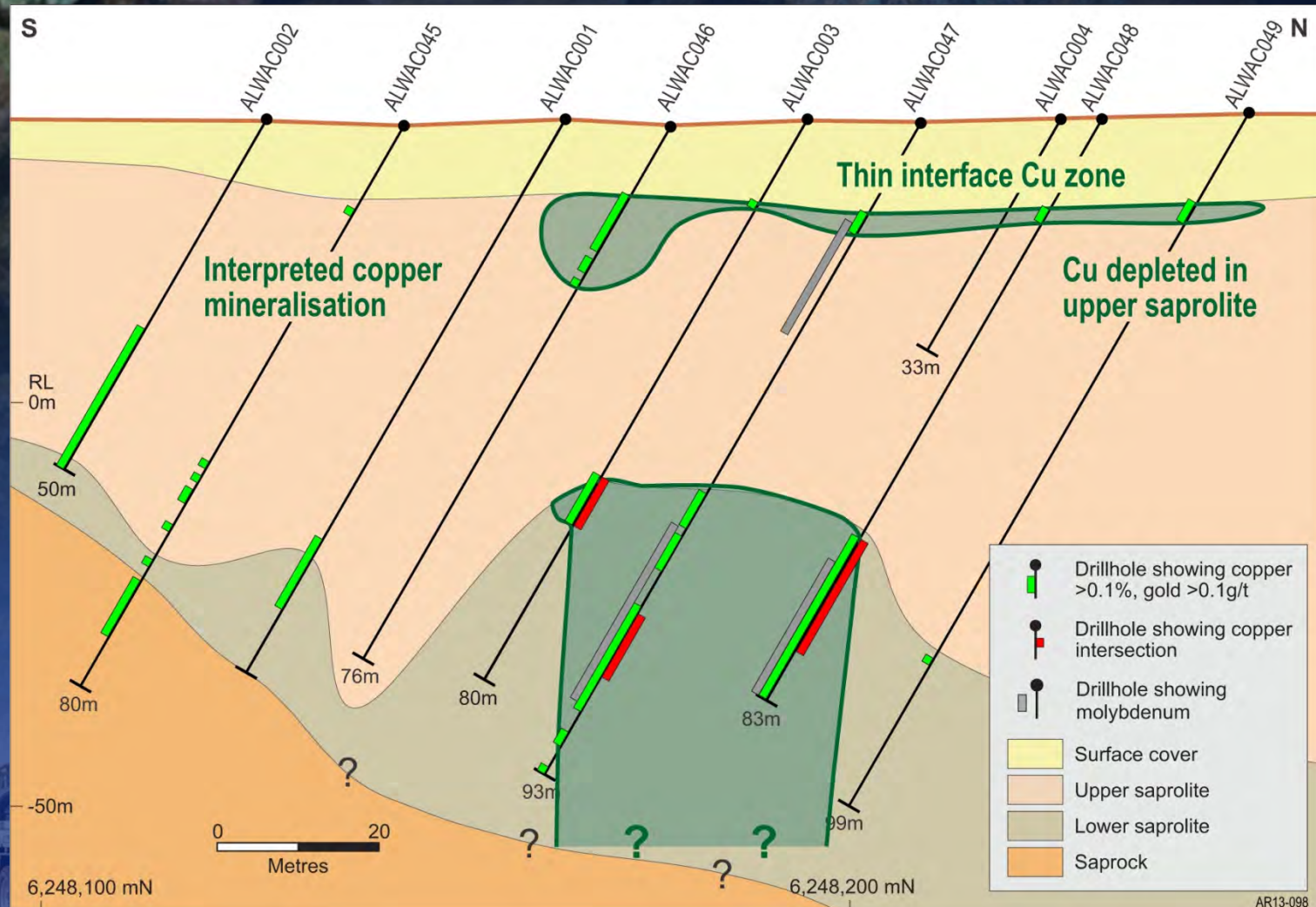
1970's shallow auger hits give confidence the deposit will grow!



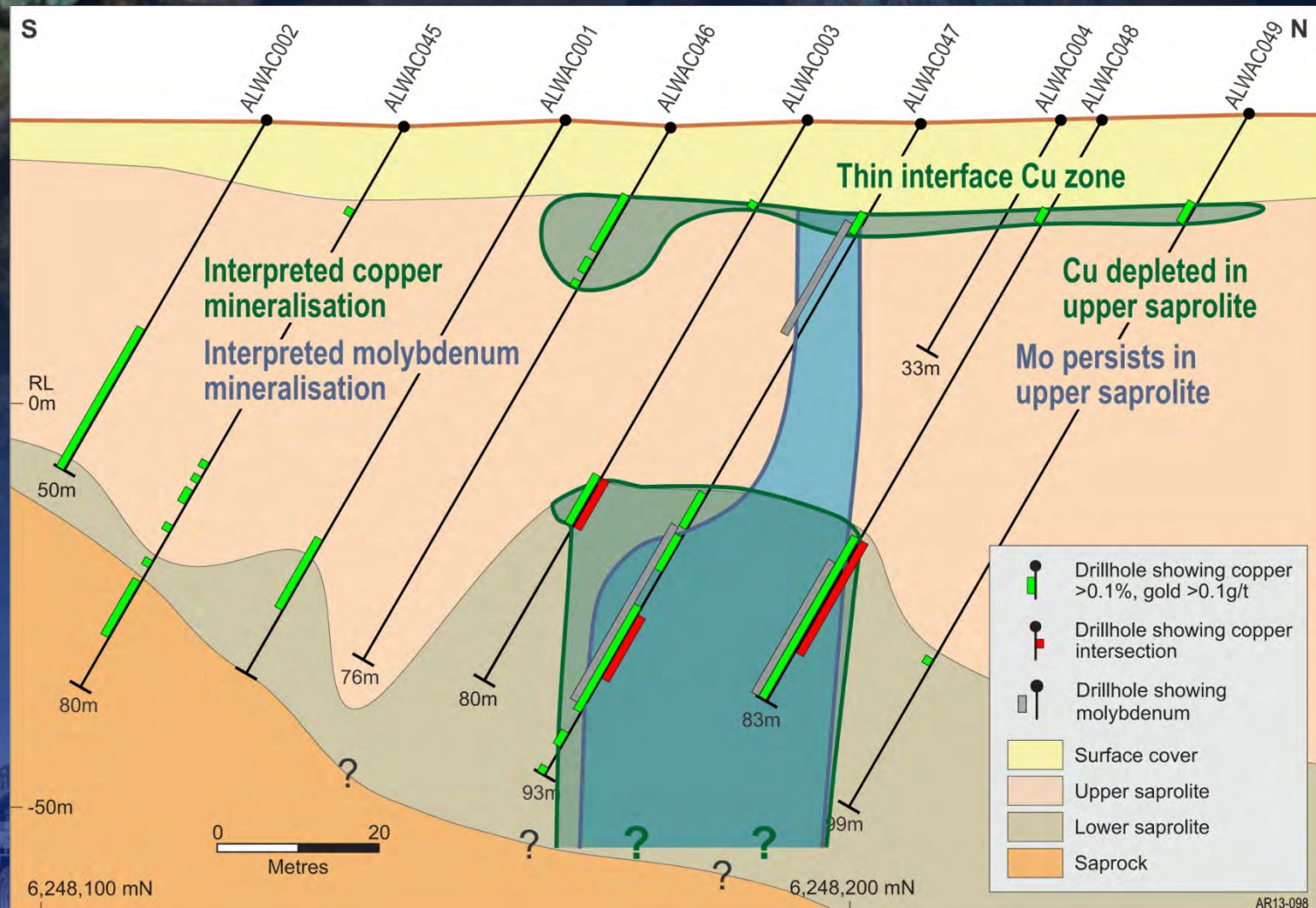
Geochemical behaviour of metals in the regolith



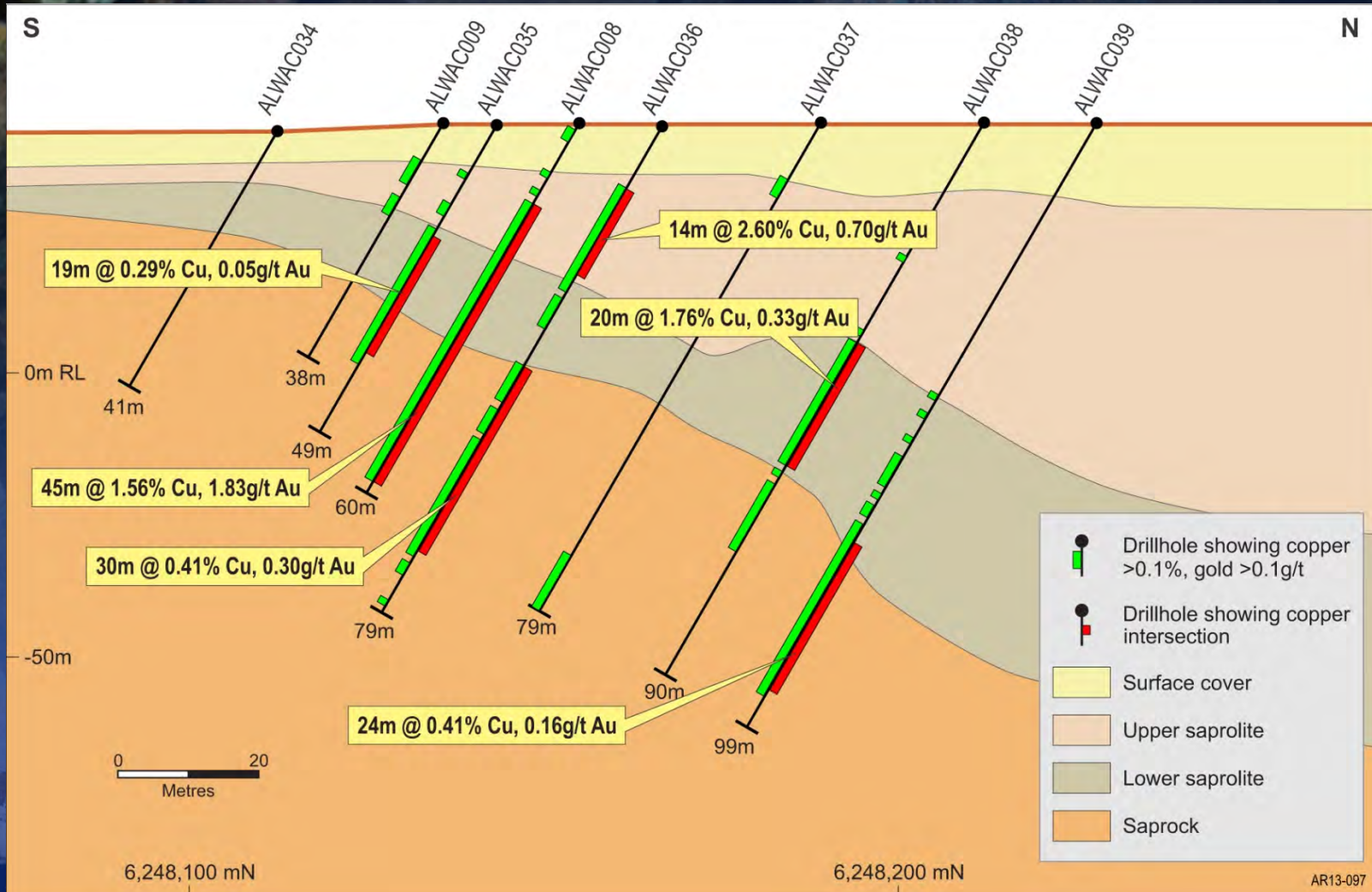
Geochemical behaviour of metals in the regolith



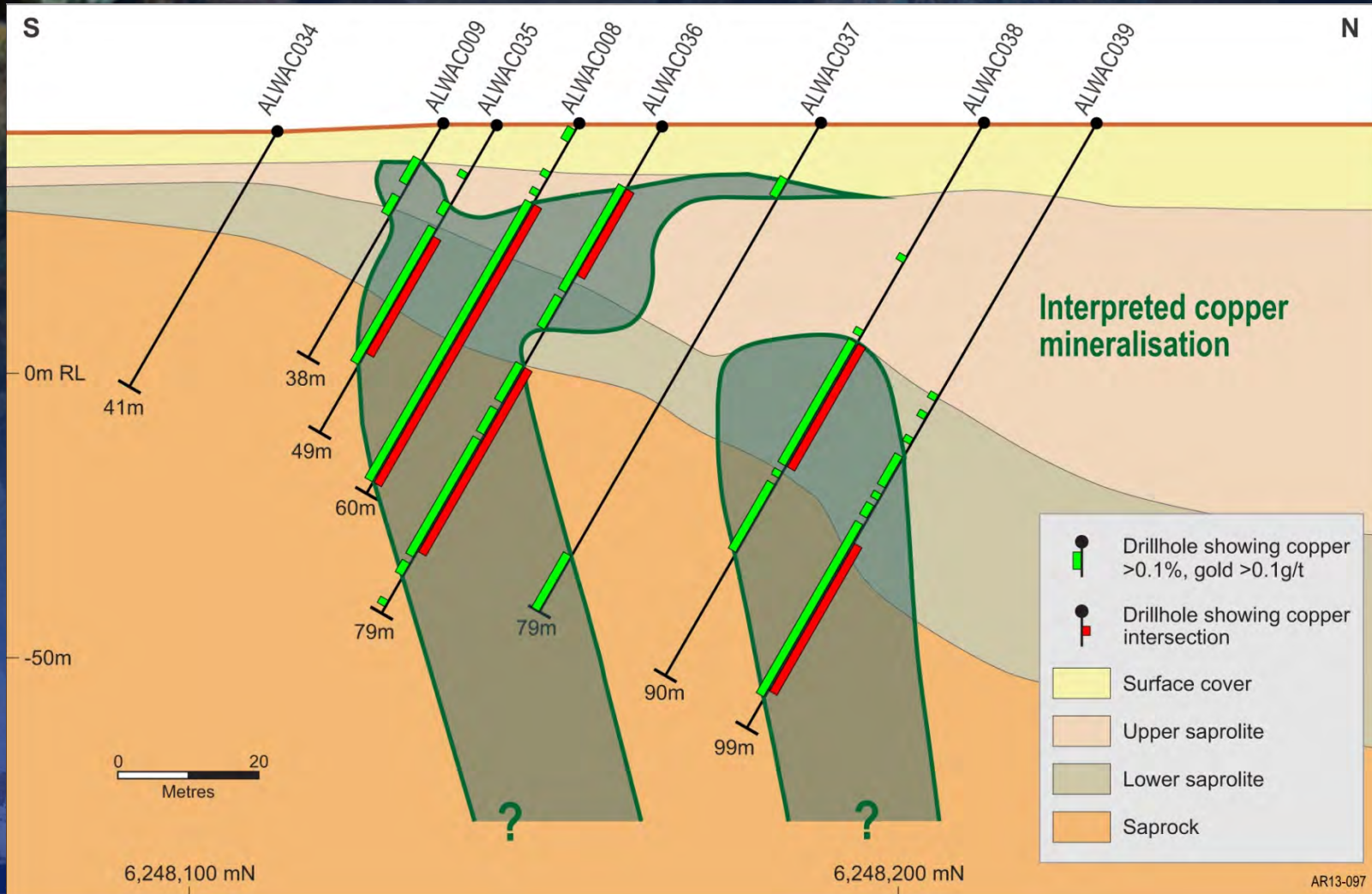
Geochemical behaviour of metals in the regolith



Other geochemical observations

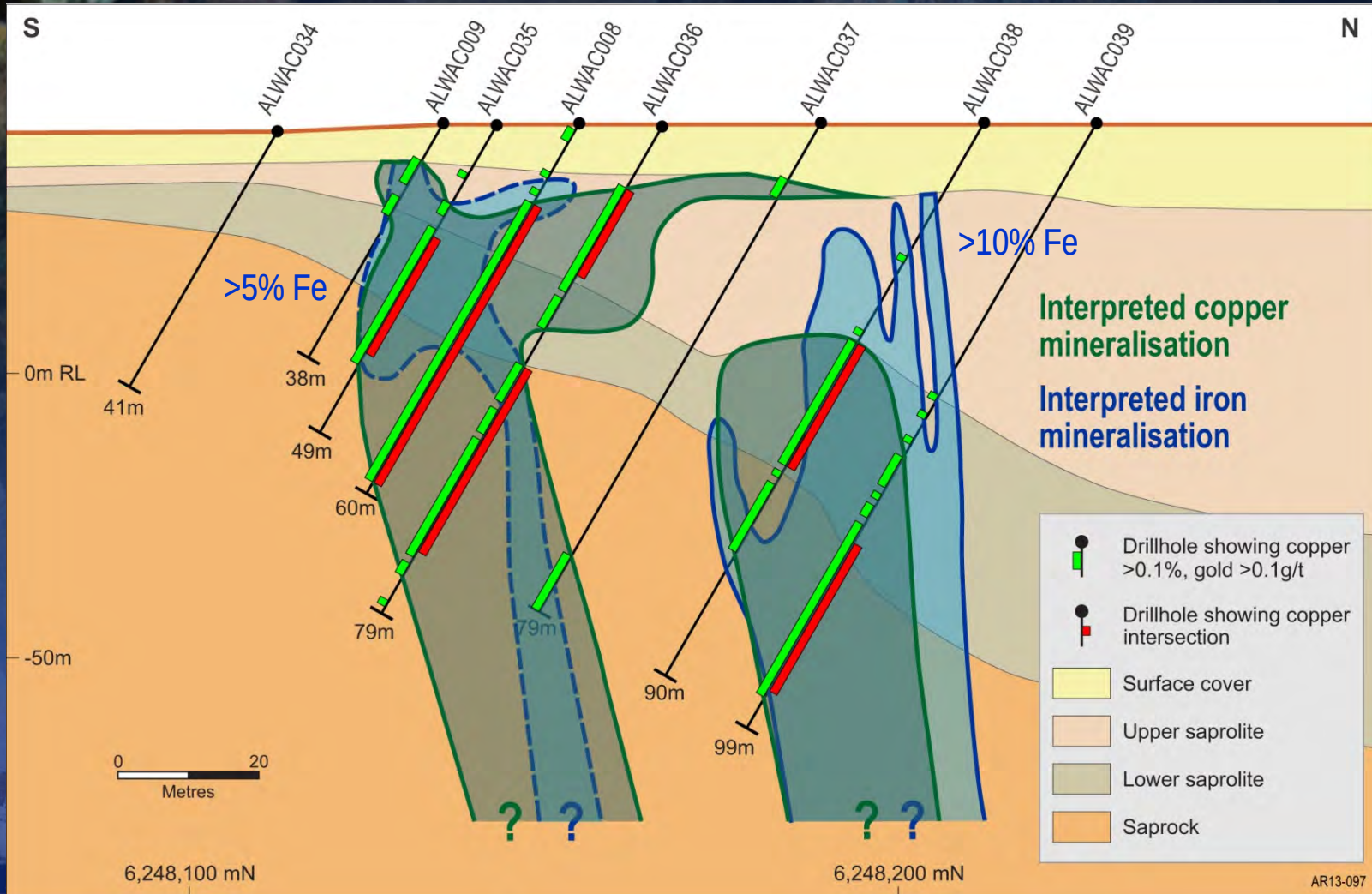


Other geochemical observations



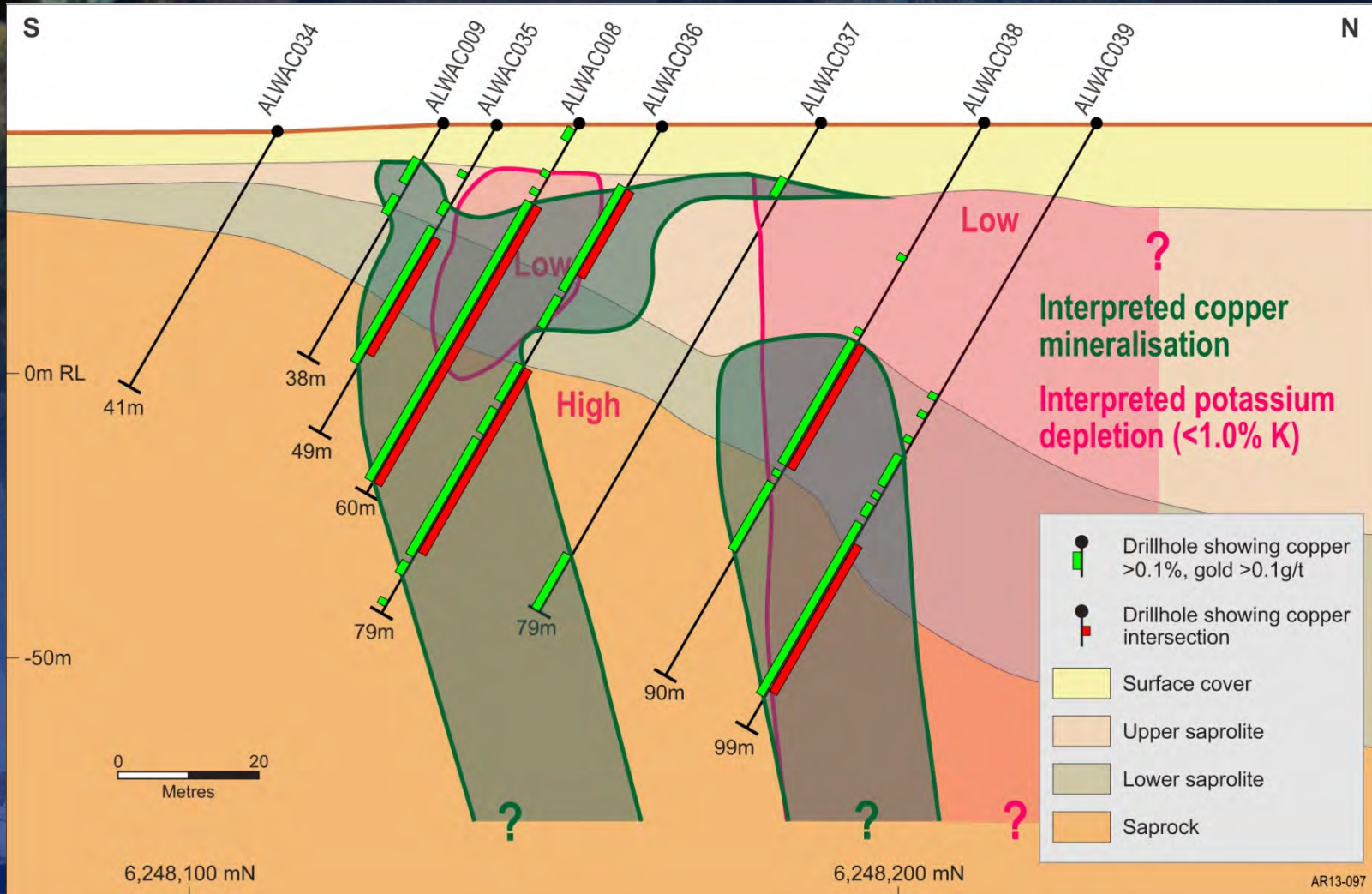
AR13-097

Other geochemical observations

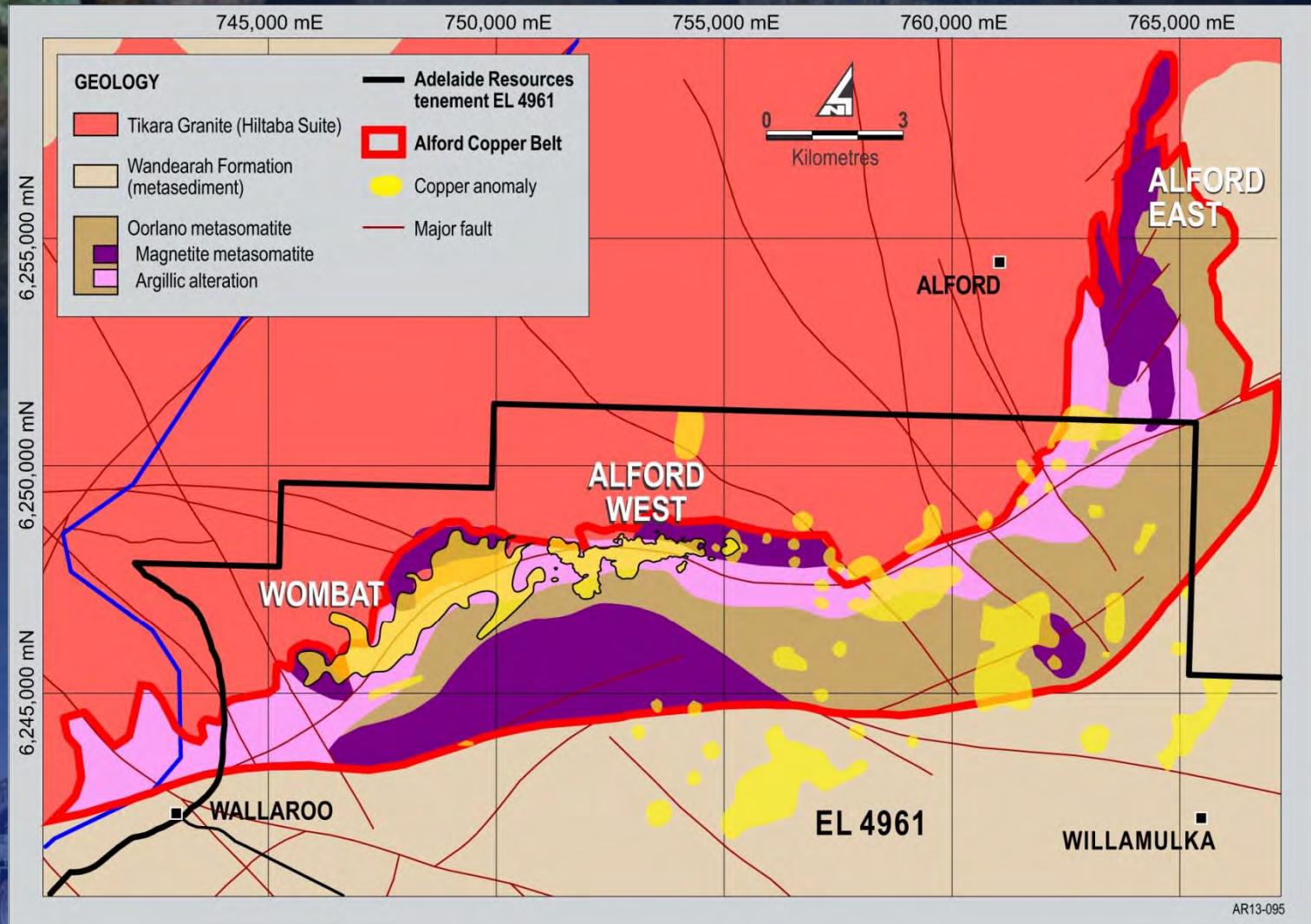


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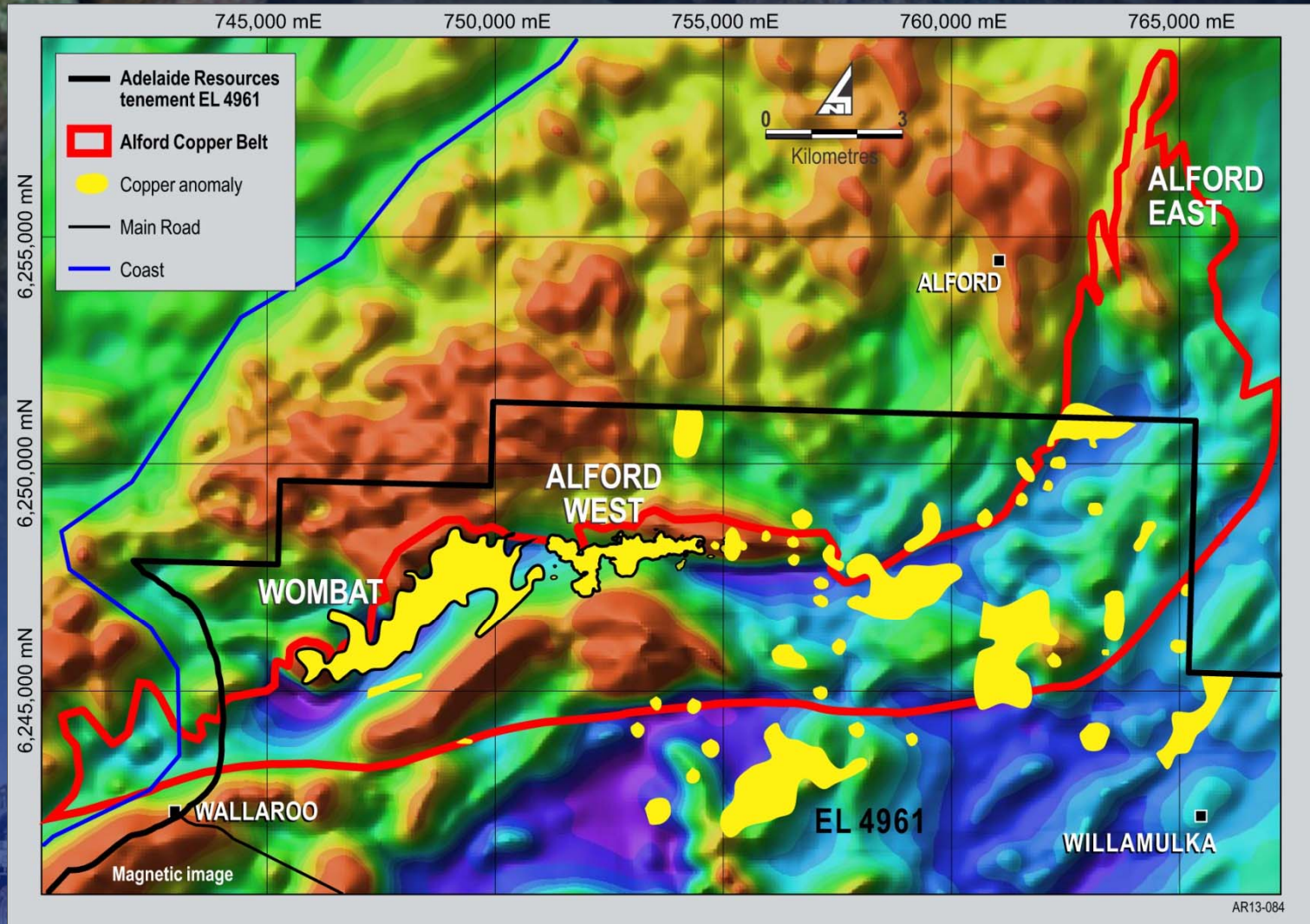
Other geochemical observations



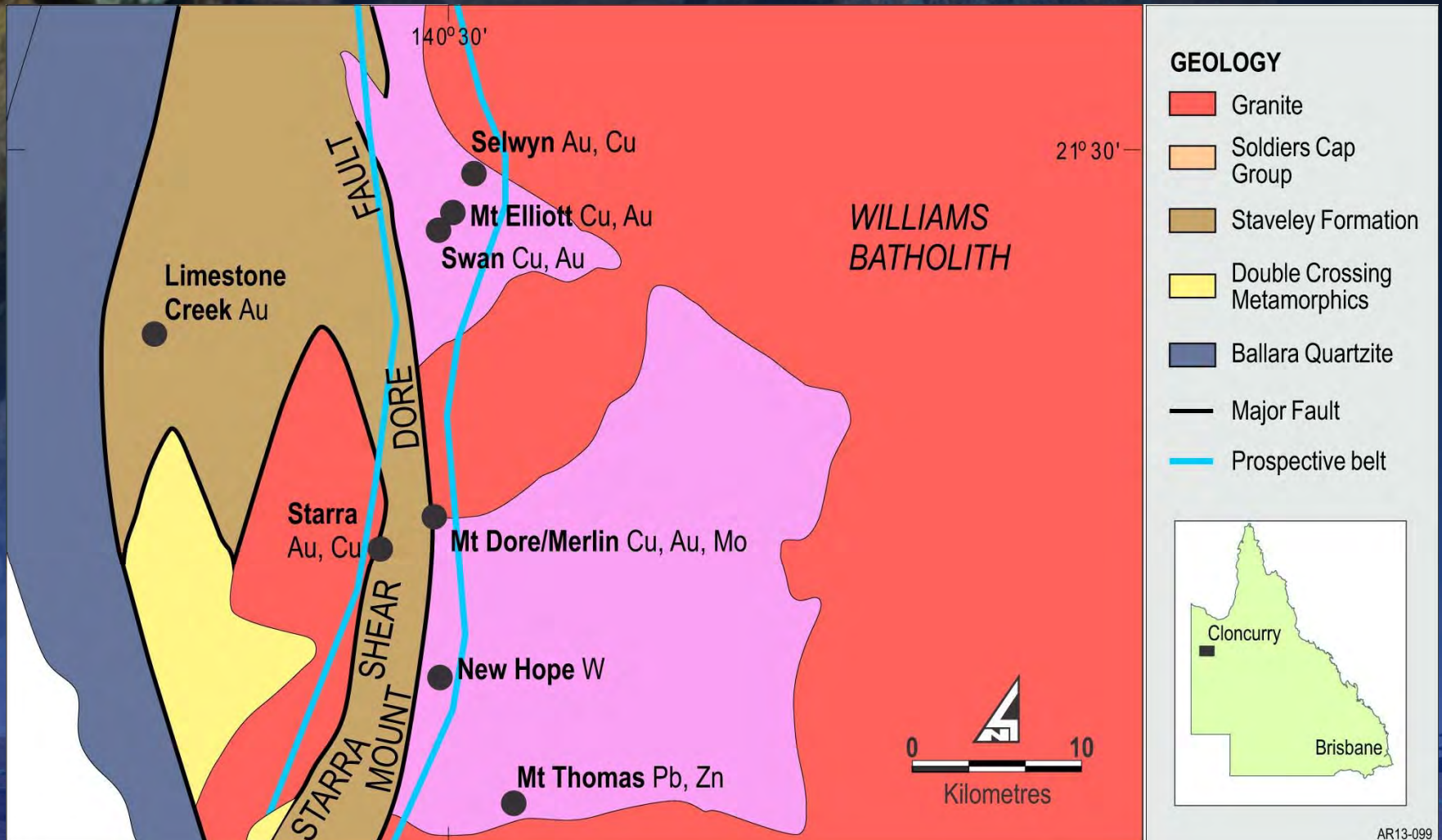
Alford Copper Belt – interpreted basement geology



Alford Copper Belt – copper anomalies



Mt Dore/Merlin regional geology - ~700Mt of Cu/Au resources



Alford West – a Mt Dore/Merlin (QLD) analogue?

Mt Dore: 108 MT @ 0.55% Cu, 0.10g/t Au

Merlin: 6.9 MT @ 1.38% Mo *(Inova Resources website)*

- Both are interpreted to be IOCG deposits.
- Host rock packages are very similar.
- Both are structurally controlled.
- Relation to likely genetically linked granite very similar.
- Main FeOx metasomatite displaced from mineralisation.
- Alteration phases reportedly very similar.
- Both have significant molybdenum.

Alford West Summary

- First discovered in 1970's – rediscovered in 2013 by checking open file DMITRE reports.
- Defined by a 3.5 kilometre long auger copper geochemical anomaly. ADN drilling has tested 1.1 kilometres so far, with copper-gold mineralisation present on every drill traverse.
- Exceptional potential exists to define a valuable resource.
- Deposit geology is interpreted to be of IOCG style.
- West Alford analogous to Mt Dore/Merlin, and Alford Copper Belt analogous to Starra Shear/Mt Dore Fault Zone in QLD.



Adelaide Resources Limited

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discovery opportunities!***

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