



ARGENT MINERALS LIMITED

ASX:ARD



2016 Annual General Meeting of Shareholders

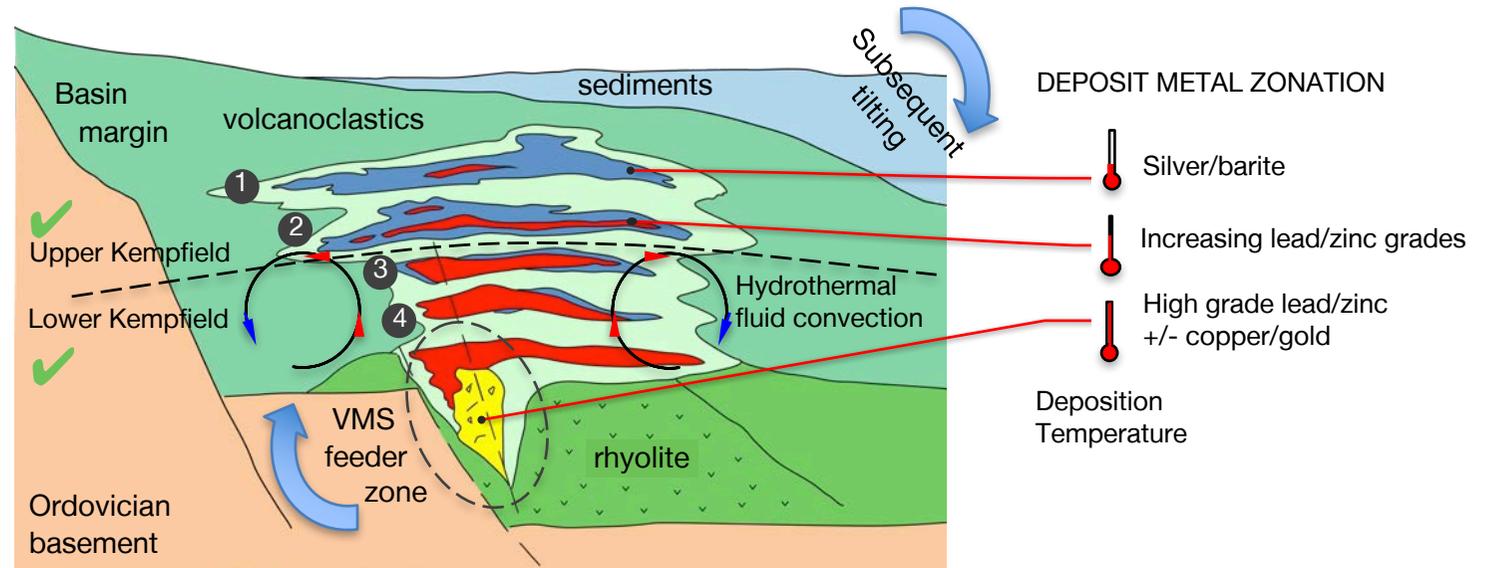
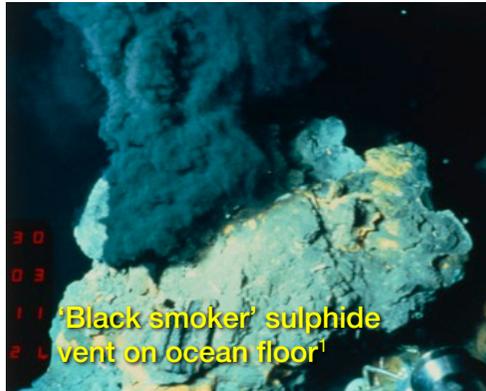
- **CASHED UP FOR DRILLING**
 - \$1.75 million from heavily oversubscribed capital raising¹
 - \$1.4 million cash as at 30 September 2016
 - \$200,000 funding award from NSW Government
- **KEMPFIELD DRILLING – MAJOR BREAKTHROUGHS**
- **PINE RIDGE GOLD MINE ACQUISITION AND RESULTS**
- **WEST WYALONG DRILL TARGETS ESTABLISHED**
- **FY2016/17 DRILL PROGRAM SCHEDULE ANNOUNCED²**

KEMPFIELD POLYMETALLIC PROJECT

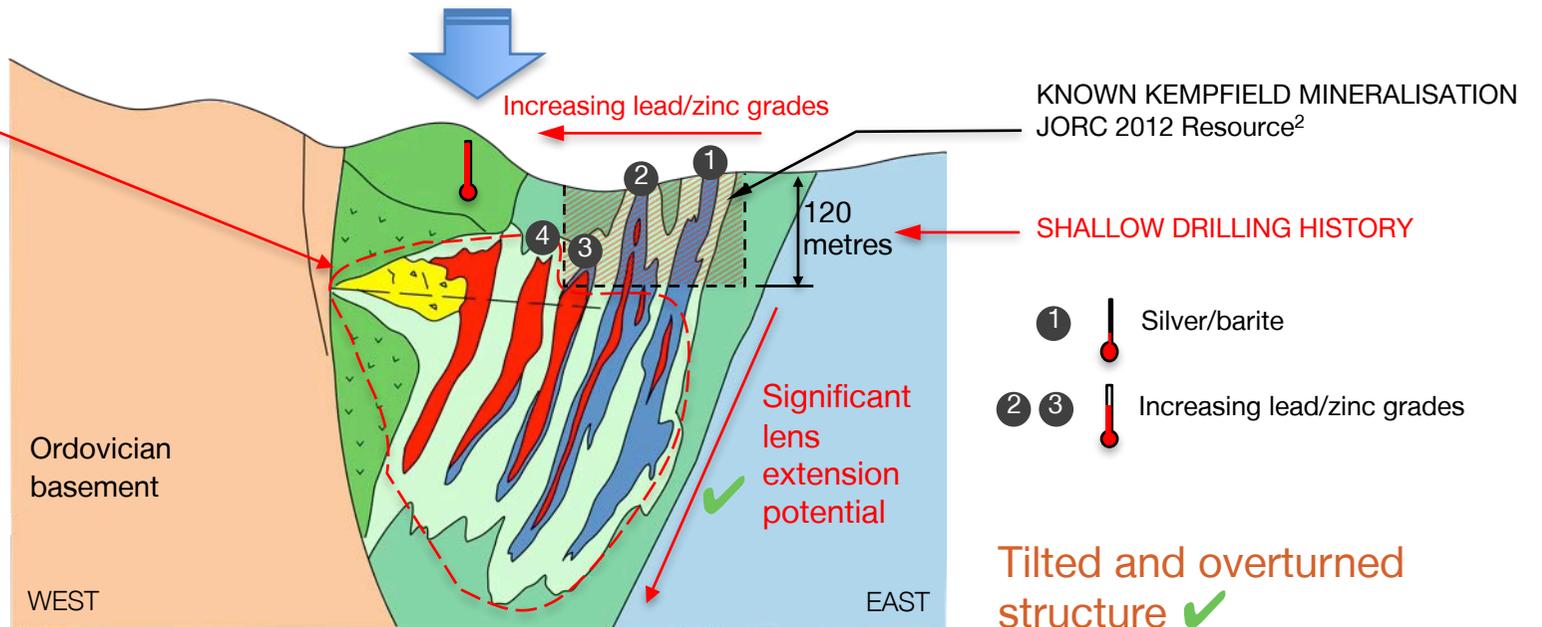


KEMPFIELD CONCEPTUAL DEPOSIT MODEL BEING TESTED BY DIAMOND DRILLING

Original volcanic hosted massive sulphide (VHMS) deposit formation



'SIZE OF THE PRIZE'
EXPLORATION POTENTIAL
including high grade
lead/zinc +/- copper/gold



1. Current day VHMS analogue. Photo reproduced with permission from Science Photo Library Ltd. London, UK.
2. See Mineral Resources and Ore Reserves Statement in 30 June 2016 Annual Report.

Tilted and overturned structure ✓

KEMPFIELD PROJECT EVOLUTION HIGH GRADE LEAD/ZINC TARGET ZONE + GOLD



AKDD181

1.0 m @ 0.08% Pb/Zn, 143 g/t Ag & **1065 g/t Au** from 97 m
 1.8 m @ 0.07% Pb/Zn, **1.21% Cu**, 50 g/t Ag & **2.99 g/t Au** from 136.8 m

Bonanza gold intersection

AKDD178

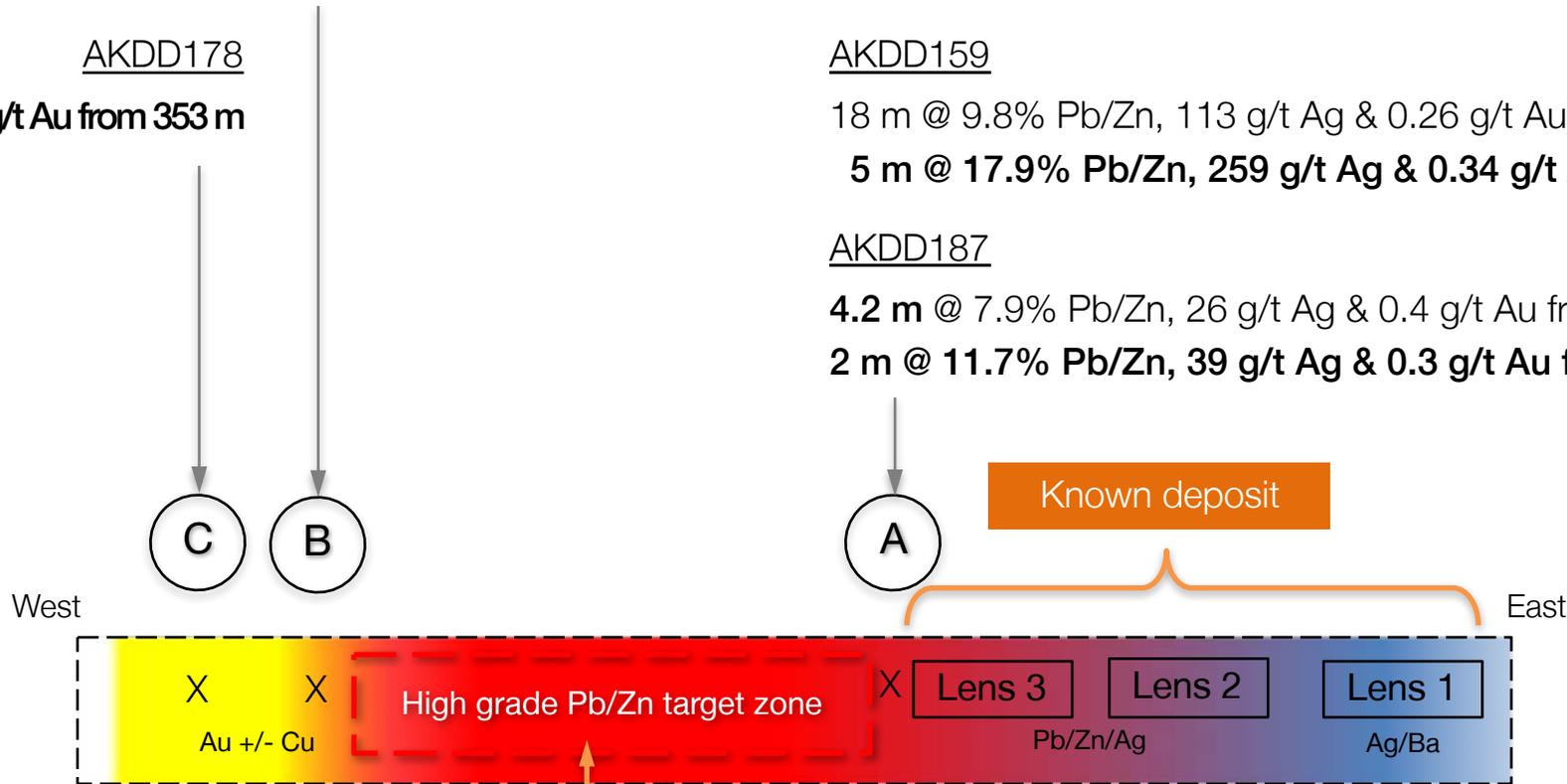
5 m @ 4 g/t Au from 353 m

AKDD159

18 m @ 9.8% Pb/Zn, 113 g/t Ag & 0.26 g/t Au from 85 m including:
5 m @ 17.9% Pb/Zn, 259 g/t Ag & 0.34 g/t Au from 88 m

AKDD187

**4.2 m @ 7.9% Pb/Zn, 26 g/t Ag & 0.4 g/t Au from 175.2 m including:
 2 m @ 11.7% Pb/Zn, 39 g/t Ag & 0.3 g/t Au from 176.4 m**



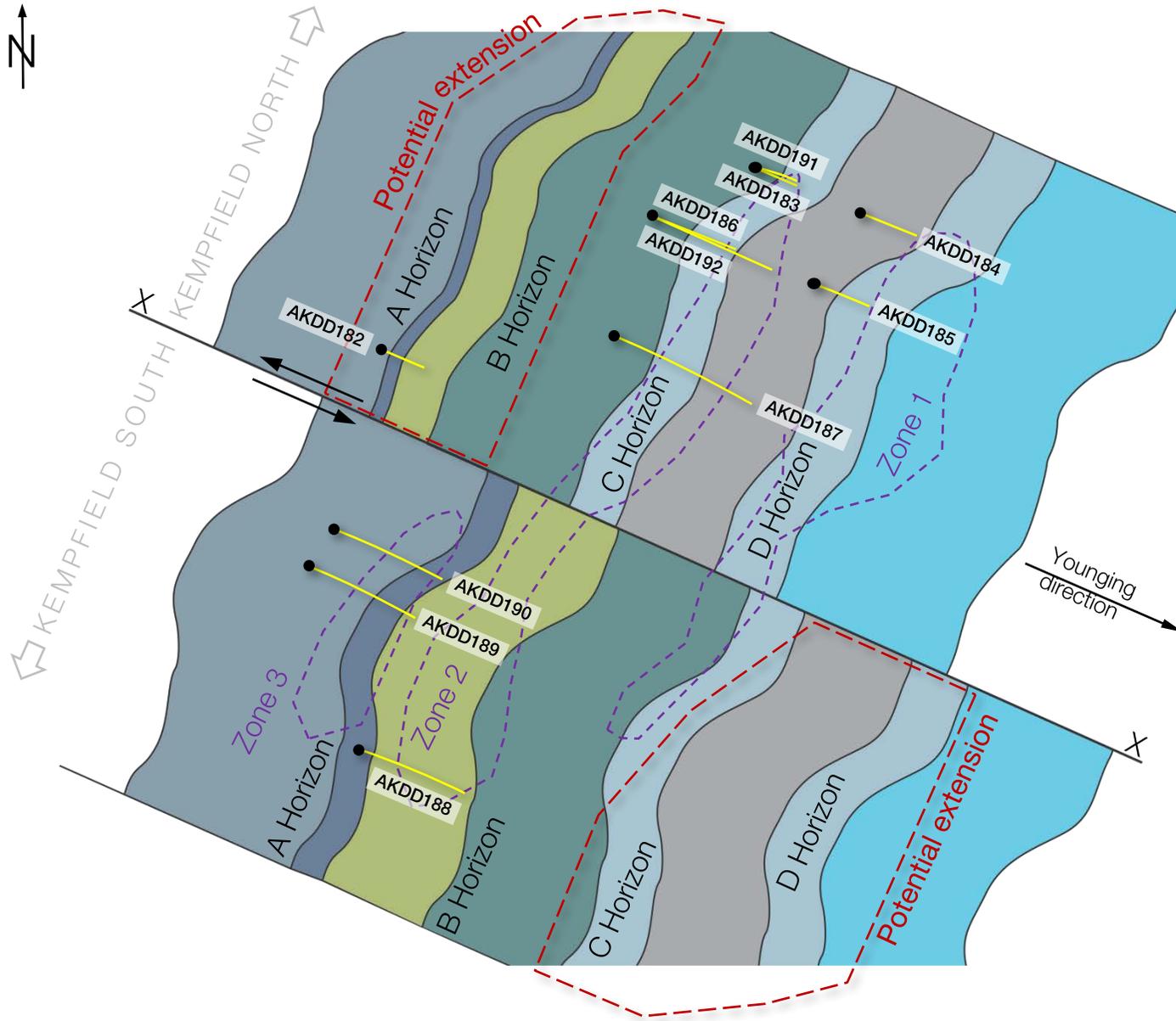
VMS proof of concept drill target zone

✓ VMS footwall position confirmed by hole AKDD182

Increasing deposition temperatures



MAJOR BREAKTHROUGHS ACHIEVED BY 2016 DRILLING



- Lithology and host horizons
- Potential extensions

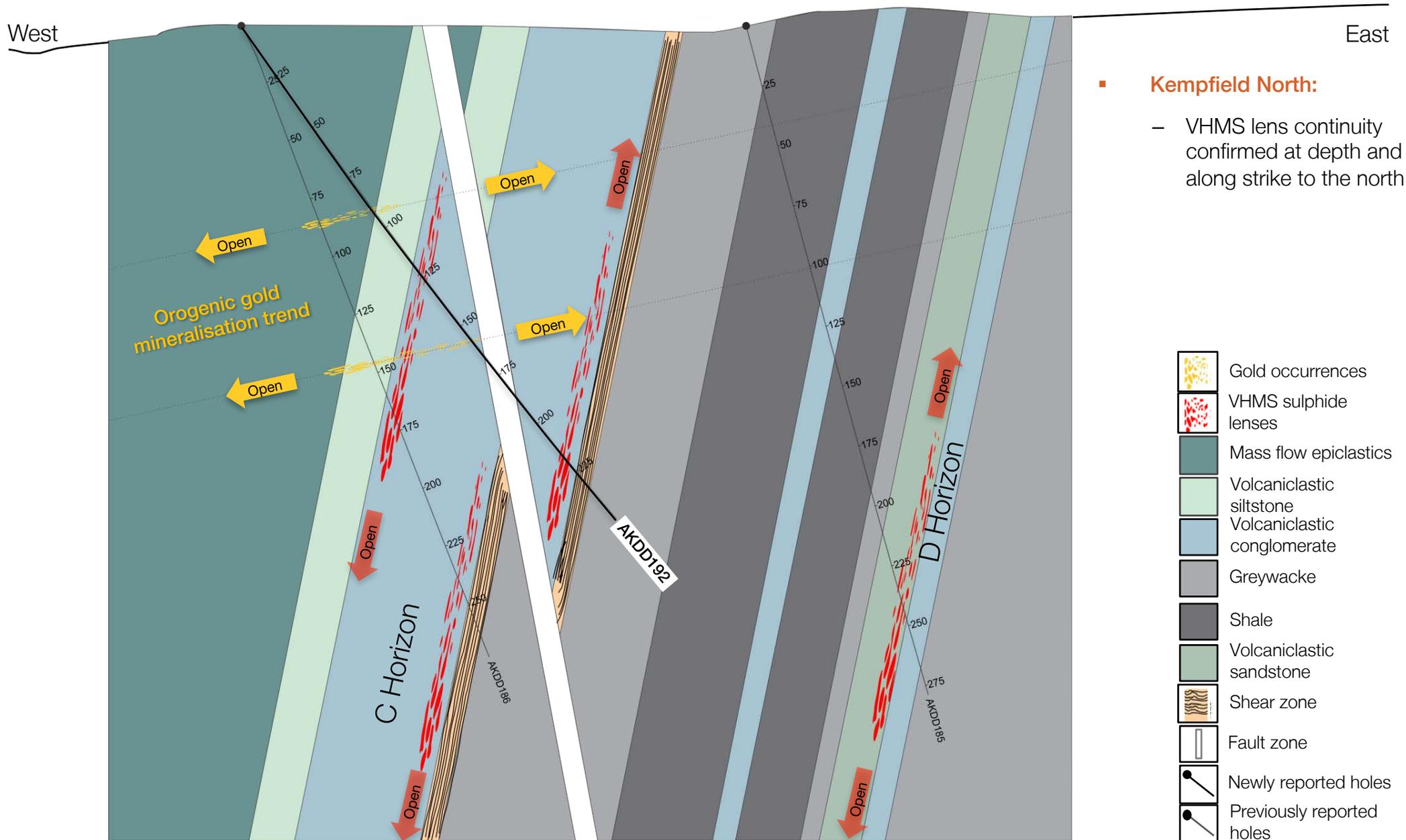
Lithology Table

Lower Kempfield (oldest)		Volcanic breccia
		Volcaniclastic sandstone & siltstone
		Volcanic tuff
Upper Kempfield (youngest)		Mass flow epiclastics
		Volcaniclastic conglomerate
		Greywacke
		Limestone - biomicrite & bio-sparite
		Fault zone
		Known deposit mineralisation: JORC 2012 mineral resource ¹

Scale (metres)



GOLD TREND AND VHMS LENS CONTINUITY CONFIRMED



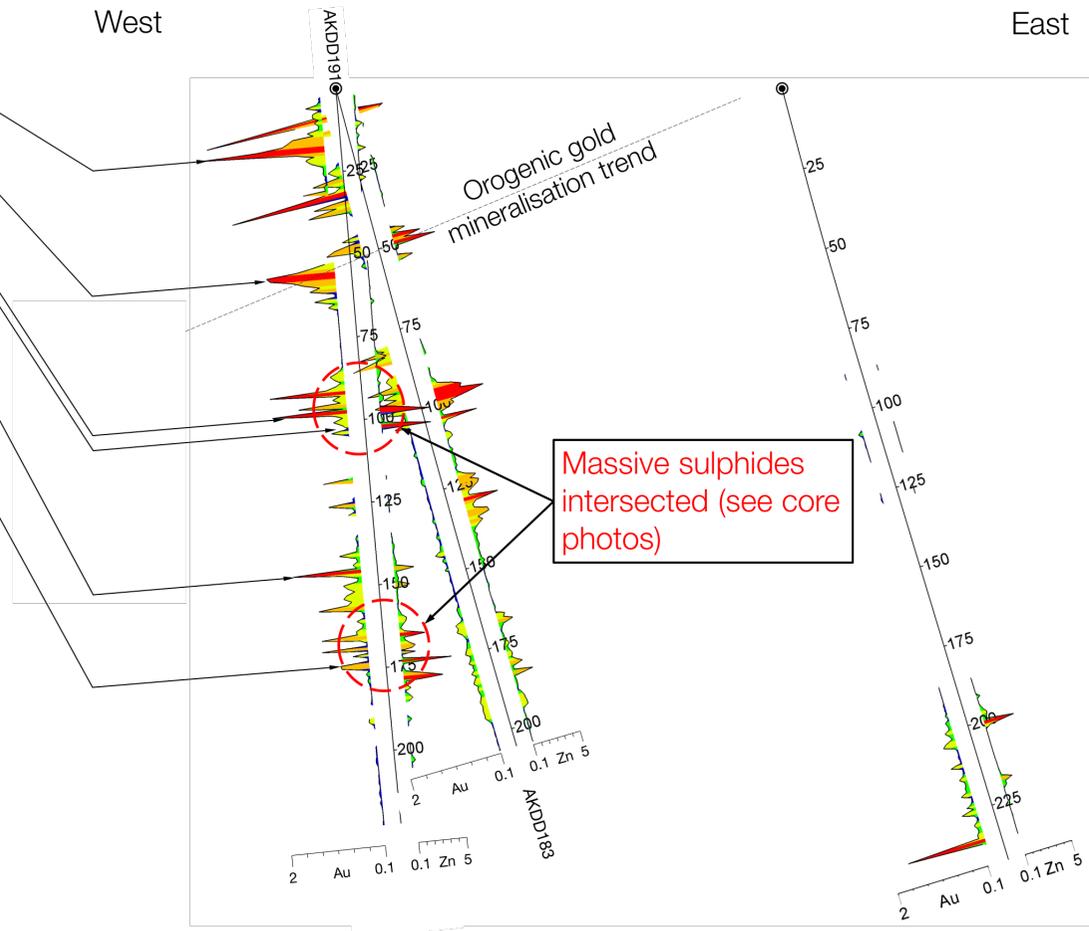
- **Kempfield North:**
 - VHMS lens continuity confirmed at depth and along strike to the north

MASSIVE SULPHIDES INTERSECTED



AKDD191 core samples including intersection of massive sphalerite and minor galena from 97.8 m to 98.5 m

From	To	Interval (m)	Pb (%)	Zn (%)	Cu (%)	Ag (g/t)	Au (g/t)	Pb+Zn (%)
12.4	22.8	10.4					0.8	
incl. 18.0	18.8	0.8			0.4		3.6	
53.0	61.1	8.1					0.8	
86.0	104.0	18.0					0.4	
incl. 96.8	98.5	1.7	1.4	4.1	30	1.0	5.5	
and 102.0	103.0	1.0	0.6	6.4	17	0.0	7.0	
145.0	146.0	1.0	0.9	2.0	9	1.4	2.9	
149.0	157.1	8.1					0.4	
165.0	166.0	1.0	0.6	2.6	20	0.9	3.2	
173.1	173.8	0.7	4.4	8.5	0.4	32	0.6	12.9
178.1	179.2	1.1	1.6	4.0	18	0.1	5.6	

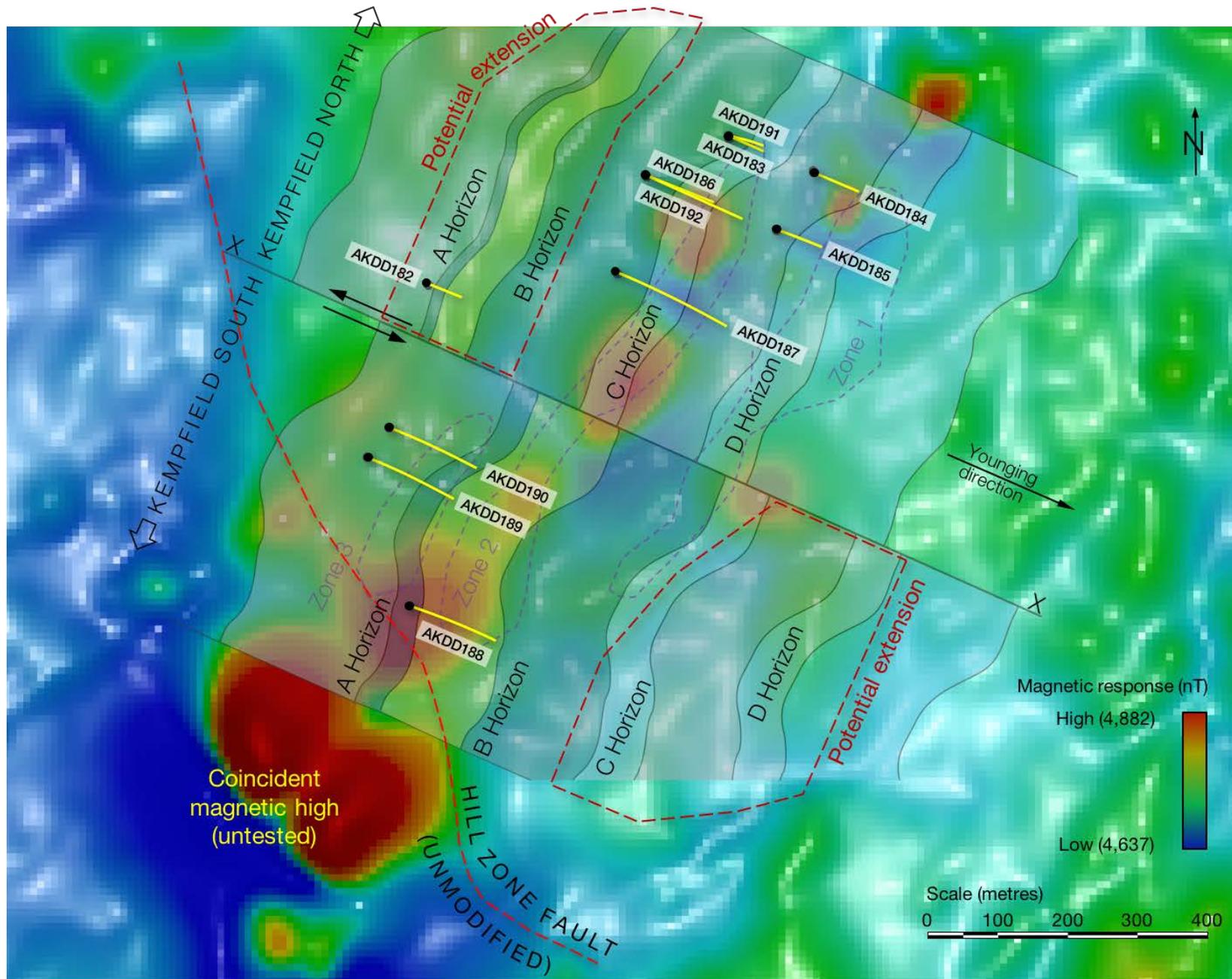


LEGEND

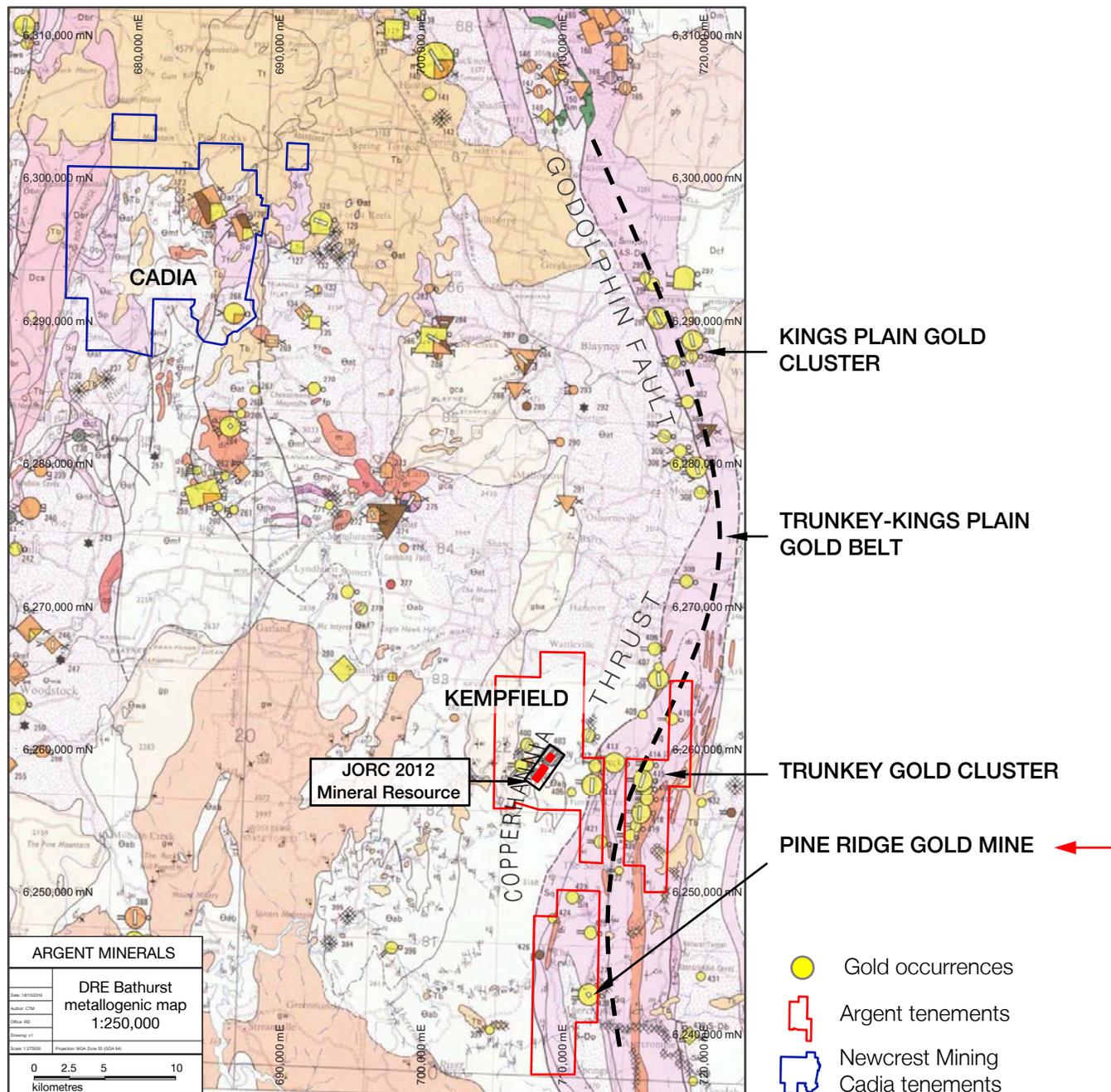
Assay chart colour codes

Au (g/t)	Zn (%)
< 0.01	< 0.05
0.01 - 0.05	0.05 - 0.10
0.05 - 0.10	0.10 - 0.50
0.10 - 0.50	0.50 - 1.00
0.50 - 1.00	1.00 - 2.50
> 1.00	> 2.50

SOUTHERN AREA TO BE TESTED



- Southern area historically assumed to be closed off
 - Diamond drilling results suggest otherwise
- Possible primary feeder zone in south, with secondary feeder zones along strike to the north
 - Potential high temperature zone
 - Untested magnetic feature in Kempfield South



Satellite feedstock strategy

- Multiple satellite mines for feeding into the central Kempfield processing operation
- Pine Ridge gold mine is a good fit
- Trunkey goldfields

Intersection highlights:

- 21 m @ 5.6 g/t Au from 50 m (PR010)
incl. 1.0 m @ 62.9 g/t Au from 59 m
- 10 m @ 3.7 g/t Au from 71 m (PR012)
incl. 1.0 m @ 11.2 g/t Au from 76 m
- 18 m @ 2.4 g/t Au from 68 m (PR023)
incl. 1.0 m @ 5.3 g/t Au from 77 m

ARGENT STRATEGIC POSITION AT WEST WYALONG



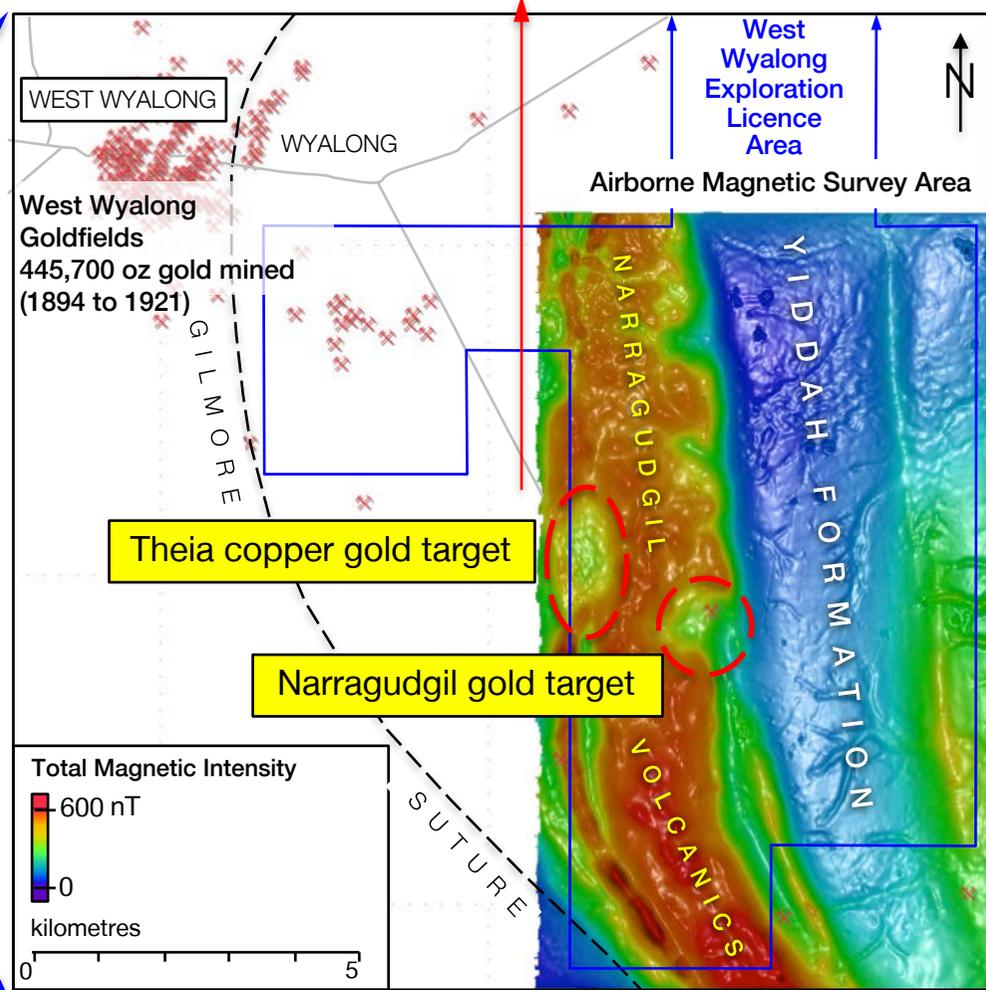
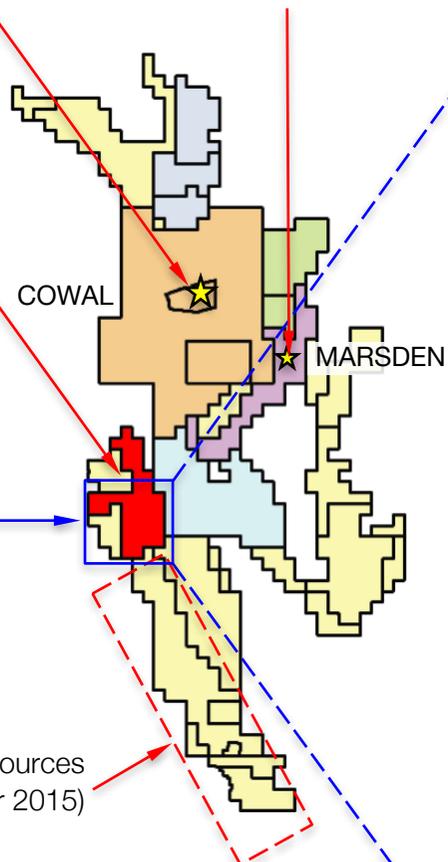
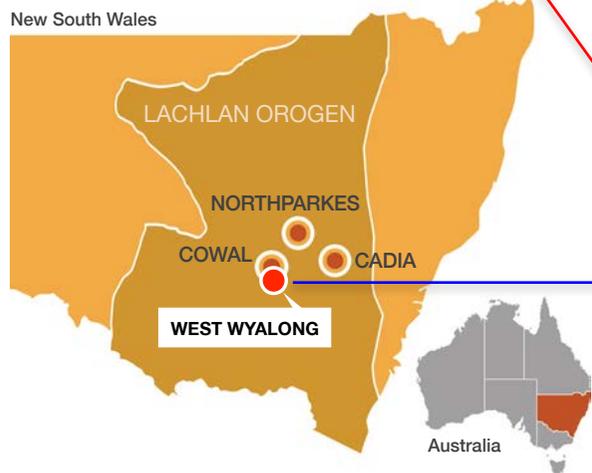
Au and Cu-Au TARGETS CONFIRMED IN GOLD PRODUCING REGION ARGENT PROJECT EQUITY 51%, RIGHT TO EARN 70%

Evolution US\$550 M acquisition from Barrick
(ASX:EVN announcement 24 July 2015)

EVN binding A\$10 M acquisition agreement with
Newcrest Mining Limited announced 17 October 2016

37 km to Lake Cowal mine
purchased by Evolution (US\$550M)

\$200,000 NSW Govt drilling grant award
based on prospectivity, technical & financial
assessment by expert advisory panel

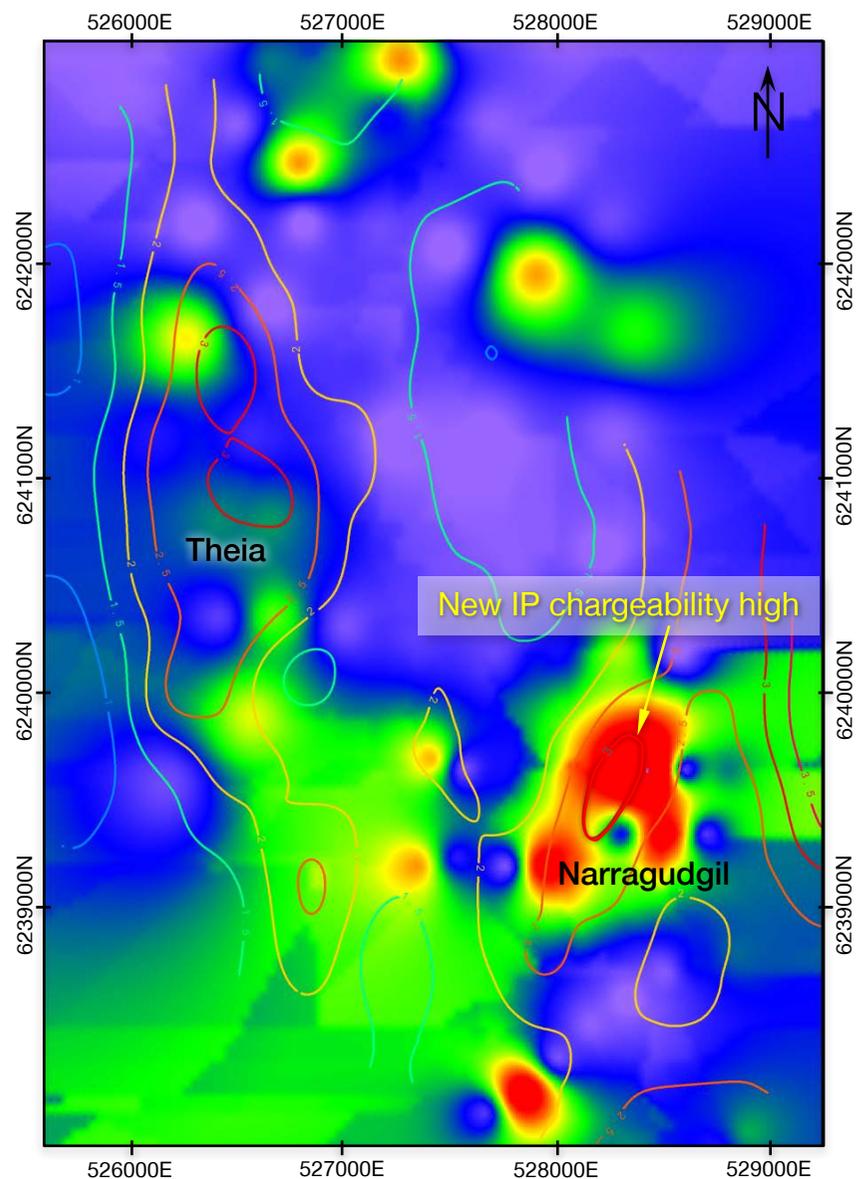


Sandfire acquisition from Straits Resources
(ASX:SFR announcement 6 October 2015)

- Argent Minerals
- Evolution Mining
- Sandfire Resources
- Newcrest
- Mitsubishi-Clancy JV
- St Barbara
- Clancy

* West Wyalong and selected surrounding tenements as at 25 October 2016

COINCIDENT MAGNETIC, IP CHARGEABILITY HIGHS AND ANOMALOUS GEOCHEMISTRY



Scale 1:25,000 Coordinates: MGA Zone 55 GDA 94

■ Coincident anomalies:

- Magnetic low within magnetic high region (diagram previous page)
- IP chargeability high
- Shallow gold intersections



- **UNDER PREPARATION, SUBJECT TO ACCESS, REGULATORY APPROVAL AND WEATHER**
- **KEMPFIELD DRILL TEST OF SOUTHERN AREA AND POTENTIAL MINERALISED EXTENSIONS**
 - To commence as soon as possible in 2016, and continuing into early 2017
- **PINE RIDGE GOLD MINE QA/QC DIAMOND HOLES**
 - To follow Kempfield drilling, potentially as early as January 2017
 - Highly dependent on multiplicity of factors
- **WEST WYALONG TARGET DRILL-TEST**
 - 6 holes for total 2,150 metres (planned)
 - NSW Government funded to 50% of direct per-metre drilling costs
 - Scheduled for February 2017 commencement

- **WEBSITE** www.argentminerals.com.au
- **MANAGING DIRECTOR**
 - David Busch
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 - Email david.busch@argentminerals.com.au

COMPETENT PERSON STATEMENTS

Previously Released Information

This Presentation contains information extracted from the following reports which are available for viewing on the Company's website <http://www.argentminerals.com.au> :

- 13 May 2016 West Wyalong IP survey reveals additional gold target¹;
- 10 August 2016 Annual report to shareholders – Mineral resources and ore reserves statement²;
- 10 October 2016 Diamond drilling results in major breakthrough at Kempfield¹; and
- 24 October 2016 High grade Au identified in Trunkey-Kings Plain gold belt¹;

Competent Person

1. Clifton Todd McGilvray
2. Arnold van der Heyden

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements, and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.