



# ARGENT MINERALS LIMITED

## ASX:ARD







## Capital Structure

Ordinary shares (ASX: ARD)	300.3M
Share price <sup>1</sup>	\$0.027
Market capitalisation <sup>1</sup>	\$8.1M
Cash <sup>2</sup>	\$1.4M
Options <sup>3</sup>	6.57M
ASX Listing	3 April 2008
Top 20 shareholders <sup>4</sup>	42%

## Board & Management

Stephen Gemell	<b>Chairman (Non-exec)</b> B.Eng (Hons), FAusIMM (CP)
David Busch	<b>Managing Director</b> B.Eng, BSc, MAusIMM, MSEG
Peter Nightingale	<b>Director (Non-exec)</b> B. Econ, CA
Peter Michael	<b>Director (Non-exec)</b>
Vinod Manikandan	<b>Company Secretary</b> B. Com, GCertAcc, CA
Todd McGilvray	<b>Exploration Manager</b> BSc (Hons), Economic Geology, MAusIMM MSEG, MGSA, GradCertAppFin

## Heavily oversubscribed capital raising to expedite drilling- announced 28 June 2016

Ordinary shares	58,500,000 <sup>5</sup>
Issue price	\$0.030
2:1 attaching options, to be listed on the ASX <sup>5</sup>	\$0.10 strike price, expiry date 27 June 2019
Total raised	<b>\$1.75M<sup>5</sup></b>

## Purpose of the capital raising

### Kempfield:

- Follow up drilling guided by results and interpretation of the recently completed drilling program, targeting high-grade silver/lead zinc and follow up of 1,065 g/t Au intersection by hole AKDD181
- Drilling program to test for high grade gold potential at the historic high grade gold mining **Trunkey** district within the Kempfield tenement.
- Geochemical sampling to follow up Govt records of historic metallogenic occurrences within the Company's historic **Pine Ridge gold mine** tenement located approximately 7 km south of Kempfield.

**West Wyalong:** Drilling program to test the Theia and Narragudgil targets for copper-gold/gold, and progressing the Company's ownership towards a 70% interest

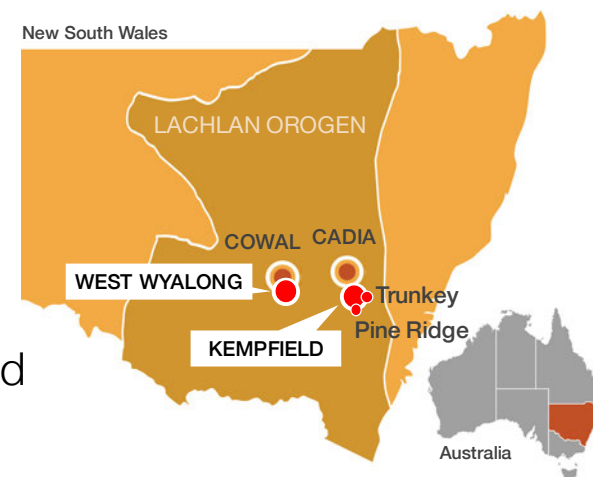
Working capital purposes

1. As at COM 28 June 2016. 2. As at 31 March 2016 3. Options are unlisted, \$0.25 strike price and 29 August 2016 expiry. 4. As at 3 September 2015 (2015 Annual Report). 5. Subject to shareholder approval and ASX requirements (see ASX announcement dated 28 June 2016)



- **COMPANY CASHED UP TO EXPEDITE NEXT PHASES OF DRILLING**
- **NEWS FLOW TO FOLLOW**

- Remaining 2<sup>nd</sup> half of assays and interpretation for recent Kempfield 12 hole / 3,167m drilling program
- Kempfield follow-up drilling:
  - VMS footwall location confirmed, potential feeder zone to be tested
  - Significant gold and copper intersections to date include:



**1m @ 1,065 g/t Au** from 97 m, 1.8m @ 0.07% Pb/Zn, 1.2% Cu; 50 g/t Ag & 2.99 g/t Au from 136m (AKDD181); and

- Significant volcanic-hosted massive sulphide (VHMS) base and precious metal intersections:

**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**

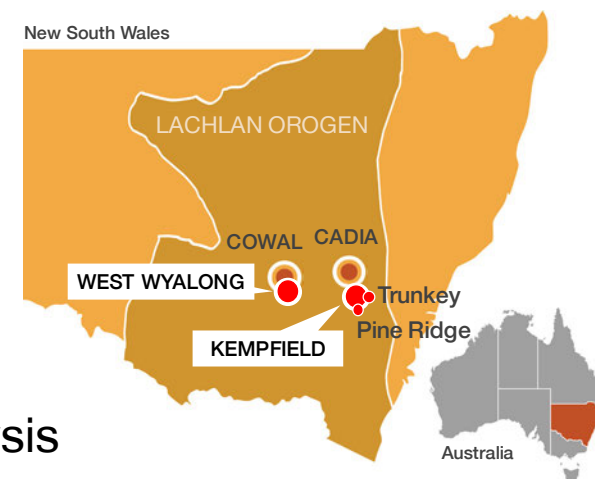
**AKDD187**  
4.2 m @ 7.9% Pb/Zn, 26 g/t Ag & 0.4 g/t Au from 175.2 m  
including:  
**2 m @ 11.7% Pb/Zn, 39 g/t Ag & 0.3 g/t Au from 176.4 m**

- Kempfield/Trunkey historic gold district to be drill-tested for high grade Au potential
- Kempfield/Pine Ridge historic gold mine – shallow geochemistry survey to assess high grade gold reports by NSW Dept Mineral Resources on public DIGS database
- West Wyalong Theia and Narragudgil copper-gold targets to be drill-tested

## ■ THREE PROJECTS IN HIGHLY PRODUCTIVE TERRANE

### 1. Kempfield Polymetallic Project (Argent 100%)

- Predominantly silver resource estimate based on shallow historical drilling (~120 metres depth)
  - 21.8 Mt @ 47 g/t Ag for 33 Moz Ag, & 300,000 tonnes Pb/Zn (JORC 2012)<sup>1</sup>
  - Resource estimate to be revised following detailed analysis
    - » Potential strike and significant depth extensions resulting from the recent drilling
    - » Resource does not yet include several high grade holes  
eg. AKDD159 (5 m @ 17.9% Pb/Zn, 259 g/t Ag & 0.34 g/t Au from 88 m)
  - Mineralisation open below recent deep intersections, to the west and to the north
- Project has evolved significantly as a result of the recent deeper drilling:
  - Semi-massive sulphides intersected, and VHMS footwall location confirmed
  - High grade precious and base metals potential identified -> exploration focus
  - Emerging additional gold potential identified in deposit, plus Trunkey and Pine Ridge
- Peer reviewed by the NSW State Government
  - Awarded Top 5 funding based on project merit





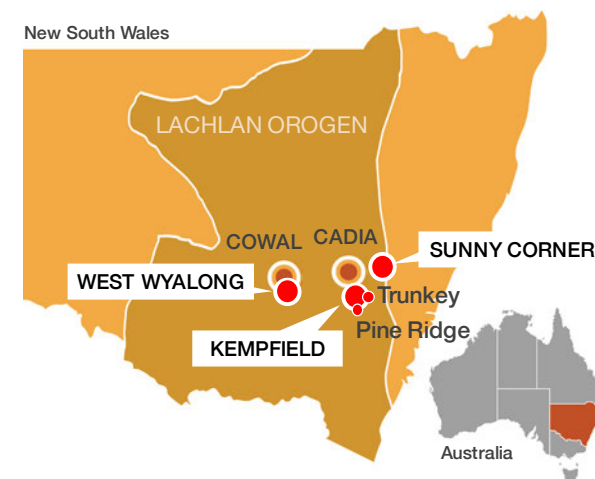
## ■ THREE PROJECTS IN HIGHLY PRODUCTIVE TERRANE

### 2. West Wyalong (Argent 51%, right to earn 70%)

- Large porphyry copper-gold and epithermal gold targets identified
- 37 km from Lake Cowal mine purchased by Evolution Mining for US\$550M

### 3. Sunny Corner (Argent 70%)

- Historic silver/polymetallic mine – very high grades (direct shipped ore to London)
- Potential feedstock for Kempfield



## ■ BOARD & MANAGEMENT TRACK RECORD

- Shareholder value generation eg. US\$1.1BN Bolnisi Gold NL takeover by Coeur d'Alene
- Exploration successes in deposit types eg. +22 Mt at MMG Rosebery mine (by Argent Exploration Manager prior to joining the Company)

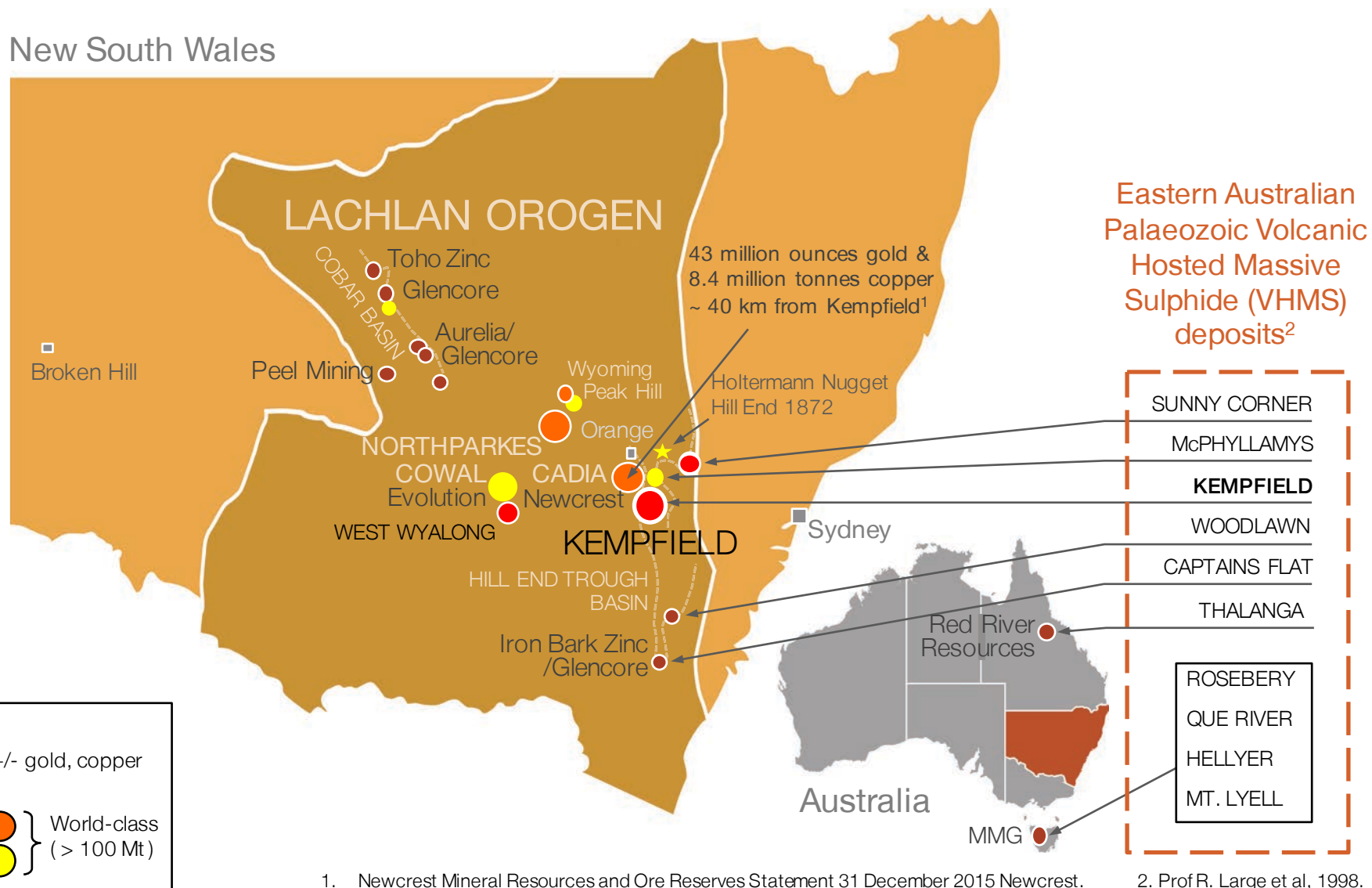
## ■ MATERIAL EXPOSURE TO GOLD, SILVER & ZINC PRICE UPSIDE

- Strategically timed with recent renewed market interest in precious metals

# ARGENT'S PROJECTS STRATEGICALLY POSITIONED IN WORLD-CLASS NEIGHBOURHOOD



- **HIGHLY PRODUCTIVE GEOLOGICAL TERRANE**
- **COMPELLING PEER GROUP: HIGH GRADE POLYMETALLIC VHMS DEPOSITS**



1. Newcrest Mineral Resources and Ore Reserves Statement 31 December 2015 Newcrest.

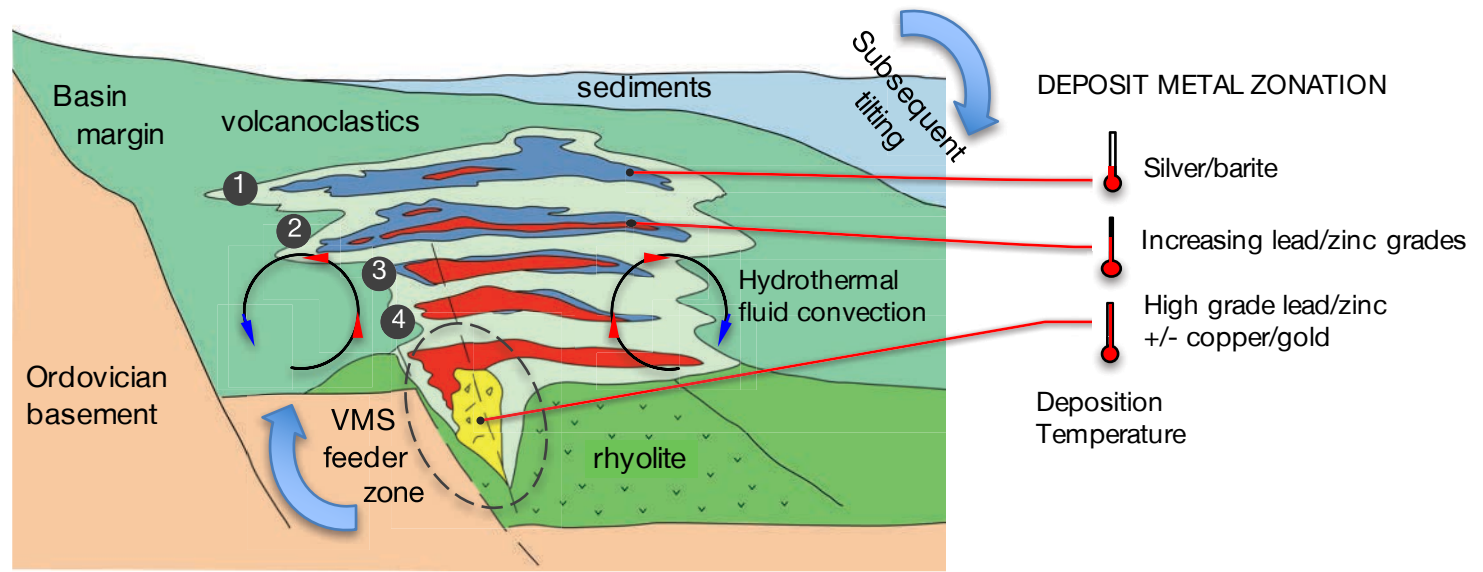
2. Prof R. Large et al, 1998.



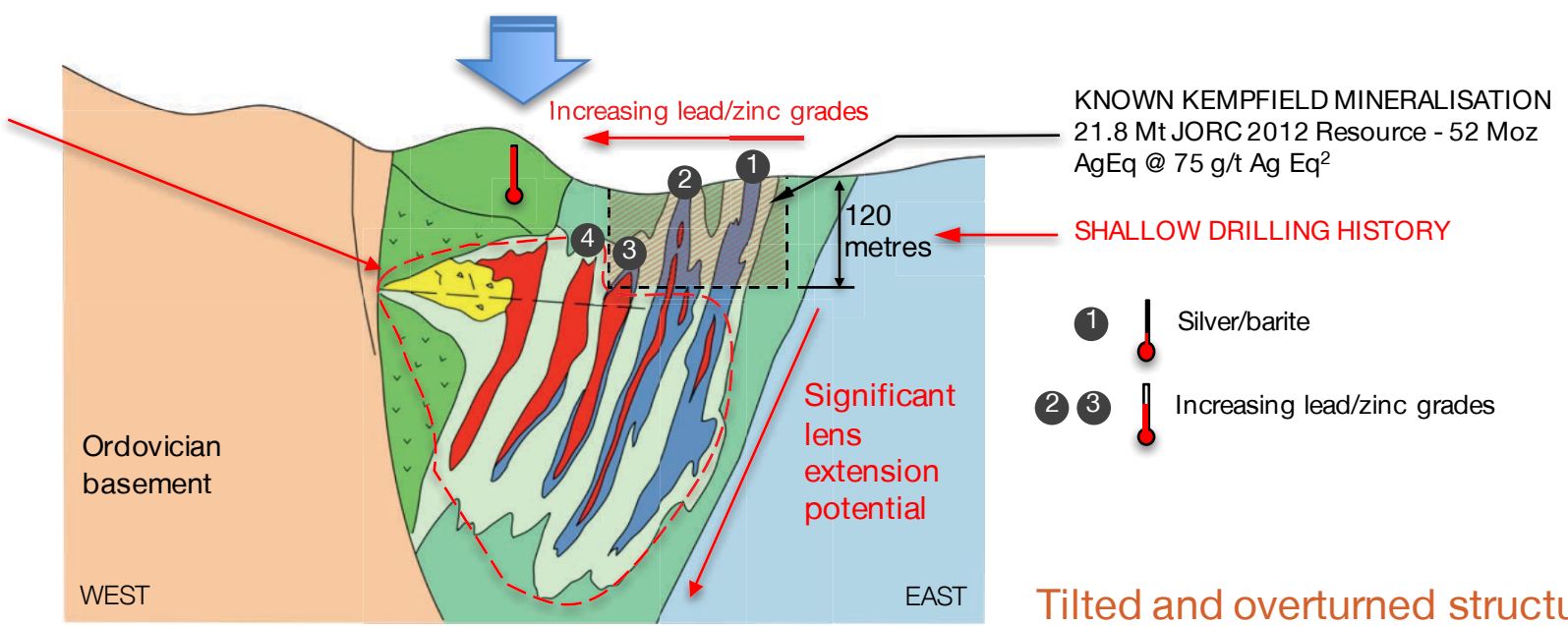
# KEMPFIELD DEPOSIT MODEL BEING TESTED BY DIAMOND DRILLING



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 the 30 June 2015 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 & **1,065 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

## AKDD178

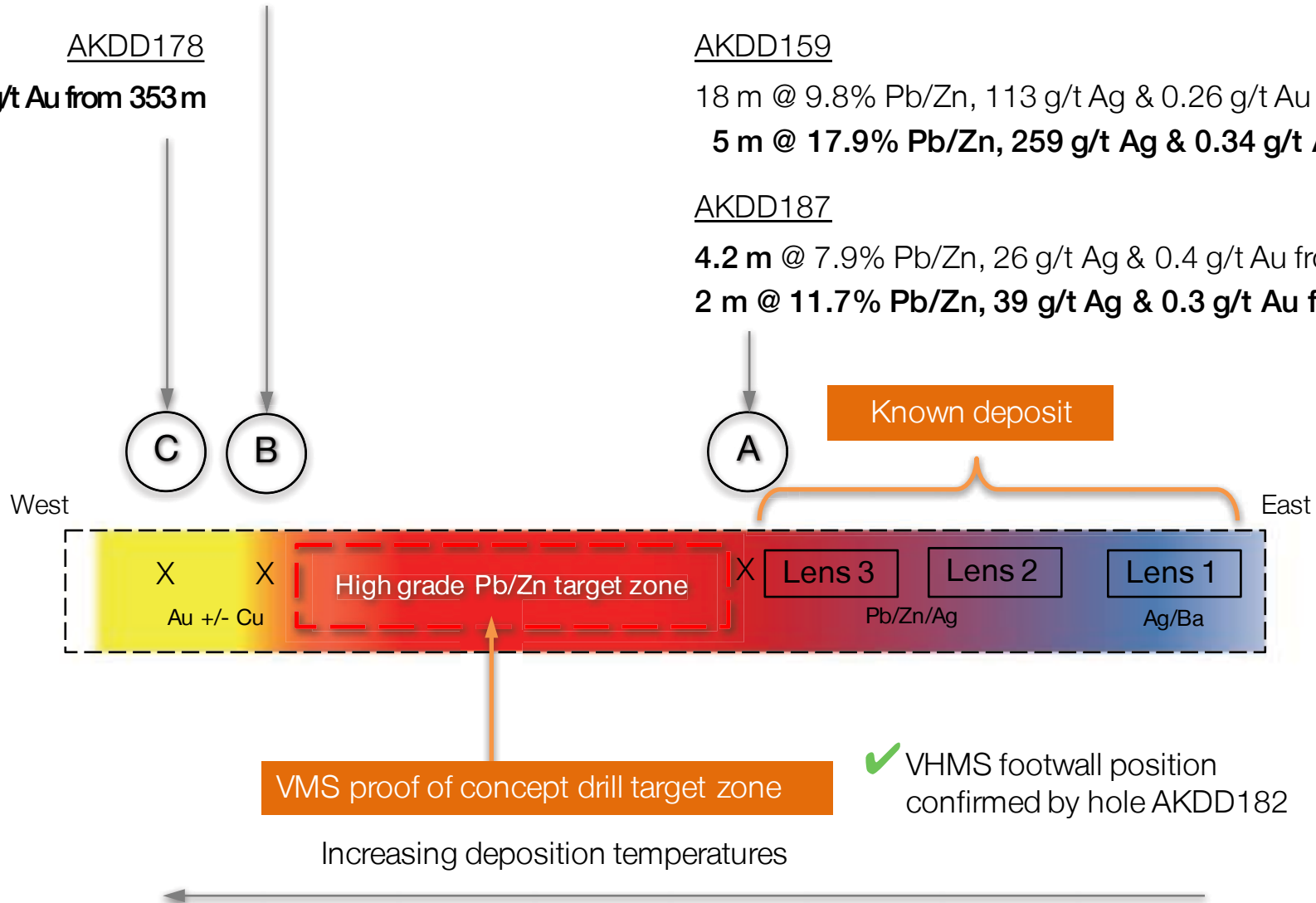
5 m @ 4 g/t Au from 353 m

## 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

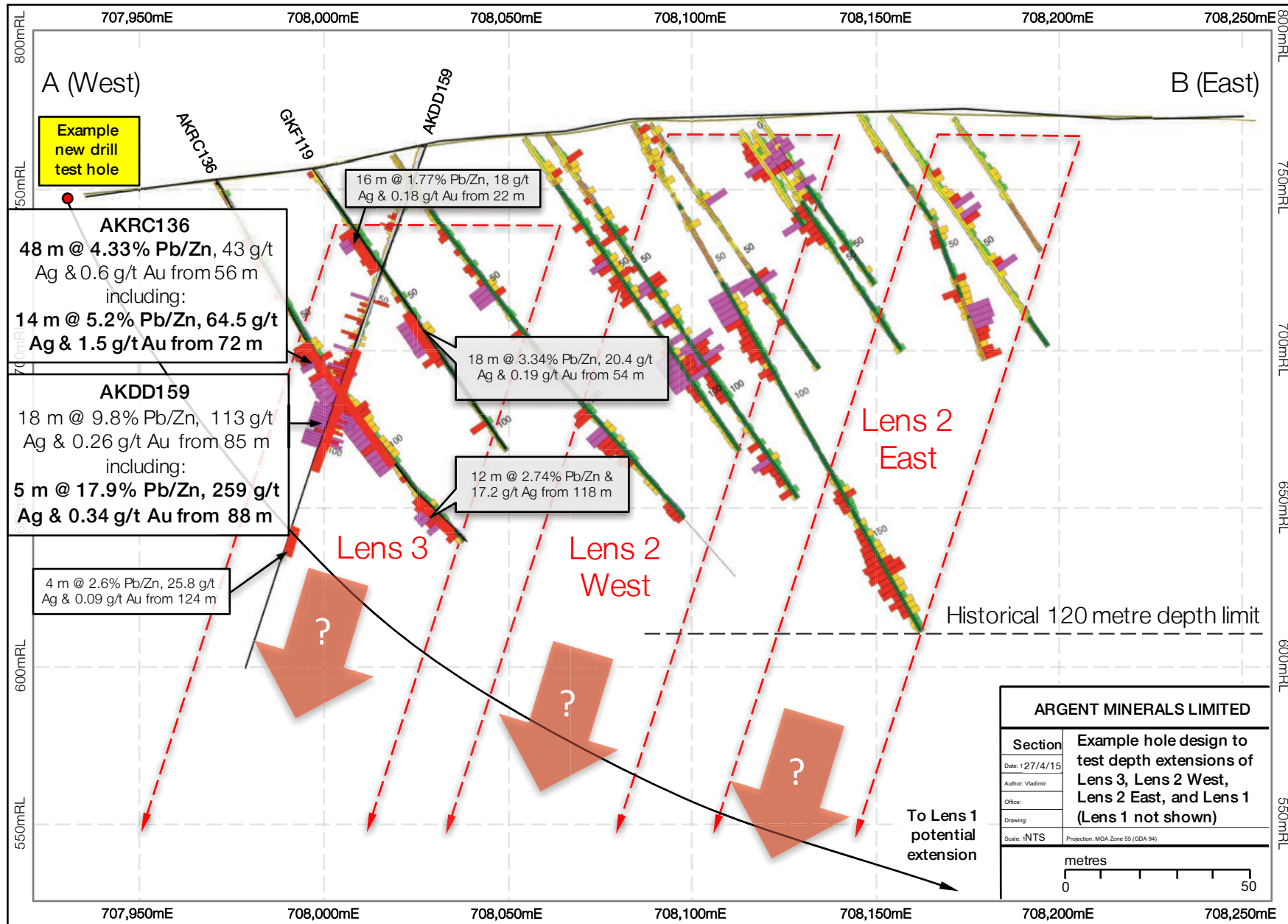
## AKDD187

4.2 m @ 7.9% Pb/Zn, 26 g/t Ag & 0.4 g/t Au from 175.2 m including:  
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# DRILL TESTING FOR LENS EXTENSIONS AT DEPTH (EXAMPLE)



## HISTOGRAM LEGEND

### Base metals grade (Pb/Zn)

Histograms on left hand side of drillholes

### Combined Pb/Zn grade (ppm)

- 0 - 1,000
- 1,000 - 5,000
- 5,000 - 20,000
- 20,000 - 100,000

### Precious metals grade (Ag)

Histograms on right hand side of drillholes

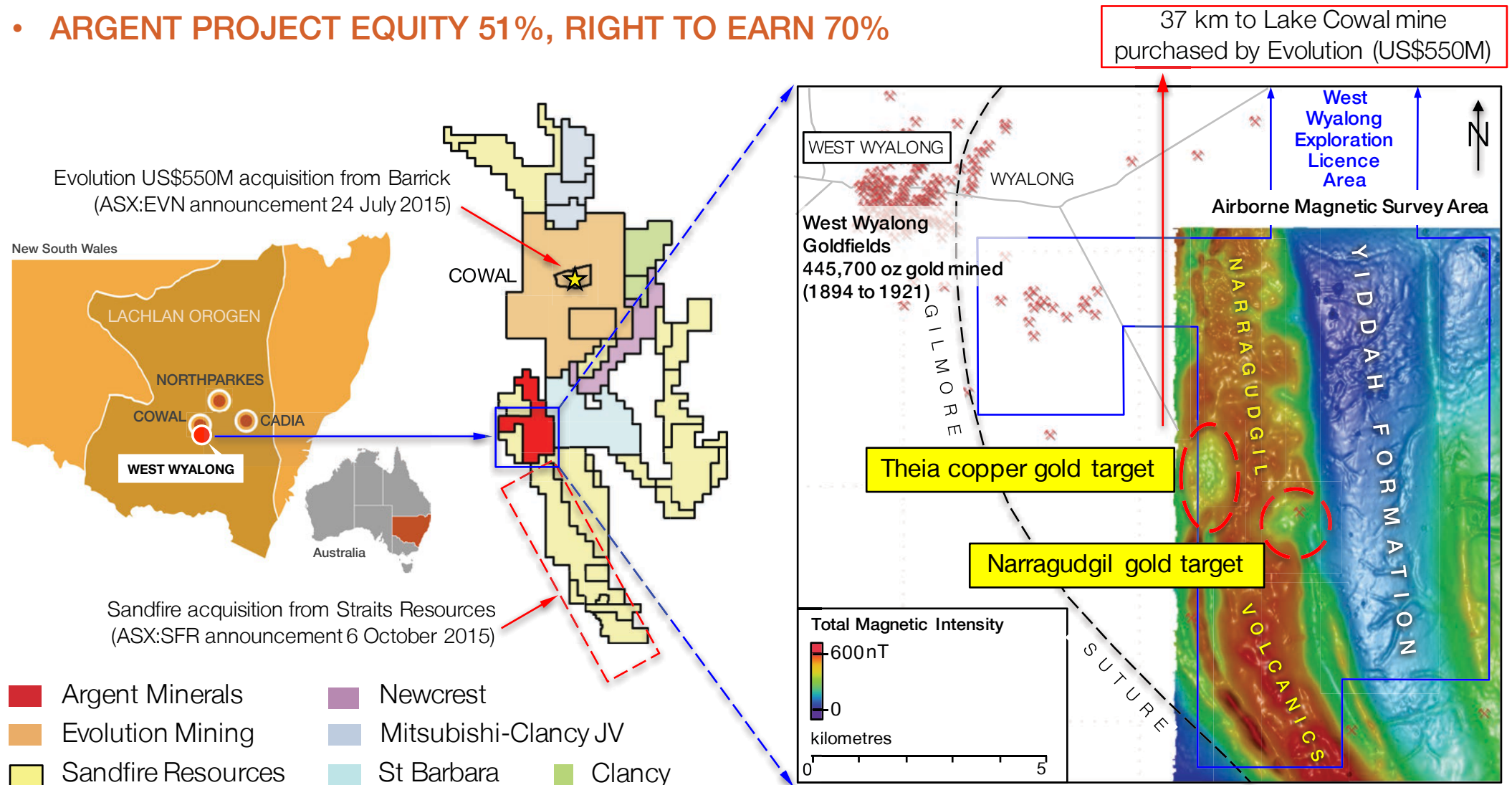
### Ag Grade (ppm)

- 0 - 10
- 10 - 25
- 25 - 50
- 50 - 90
- 90 - 10,000

# ARGENT STRATEGIC POSITION AT WEST WYALONG

## LARGE PORPHYRY Cu-Au TARGET CONFIRMED IN GOLD PRODUCING REGION

- STRATEGICALLY LOCATED IN ACTIVE ACQUISITION TERRITORY
- ARGENT PROJECT EQUITY 51%, RIGHT TO EARN 70%



\* West Wyalong and selected surrounding tenements as at 3 May 2016



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## 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> :

- 10 March 2014 Assays Confirm Third VMS Lens Group at Kempfield – Revised;
- 25 February 2015 Hole 1 intersects significant gold grades at Kempfield;
- 21 April 2015 Hole 2 increases potential size of the prize at Kempfield;
- 4 September Annual report to shareholders (Mineral Resources and Ore Reserves Statement);
- 30 September 2015 IP Survey Confirms Large Copper Gold Target at West Wyalong;
- 22 December 2015 Significant intersections at Kempfield including Cu and Au;
- 29 December 2015 Significant Kempfield intersections – summary table;
- 13 April 2016 Kempfield drilling update – positive drill core visuals;
- 29 April 2016 March 2016 quarter activities and cash flow report;
- 9 February 2016 70% Earn-in terms extended for West Wyalong project;
- 13 May 2016 West Wyalong IP survey reveals additional gold target; and
- 15 June 2016 High grade zinc lead silver and gold added to Kempfield.

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.