

# Argent Minerals Limited; Kempfield Drill Plan Strategy Begins To Deliver Results

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Sydney, Australia - [Argent Minerals Ltd.](#) (ASX:ARD) is pleased to provide an overview of the strategy and design for the 12 hole 3,330 metre Kempfield diamond drilling campaign.

Highlights:

- Details of Kempfield high impact drill campaign strategy and hole design
- Prioritised follow up of central area in proximity to the recent spectacular 1 m @ 1,065 g/t gold intersection
- First two holes completed with positive early visual results, assays pending
- Drill campaign includes specific follow up of the high grade precious and base metals intersected in the south-western area of the deposit, including 5 m @ 17.9% Pb/Zn, 259 g/t Ag & 0.34 g/t Au from 88 m (by AKDD159), and 14 m @ 5.2% Pb/Zn, 64.5 g/t Ag & 1.5 g/t Au from 72 m within a 48 metre intersection from 56 m (by hole AKRC136)
- Drill plan strategy and design optimised to test for grade and tonnage increases, and executed on a 24/7 basis for rapid delivery of results
- Advanced lithogeochemical and sedimentological assessments led by team with proven track record in grade and tonnage discovery

Follow up of the central area of the deposit has commenced as the first priority, where the spectacular high grade gold was intersected - 1 m @ 1,065 g/t Au from 97 metres by hole AKDD181.

The first two holes have been completed with positive early visual results, with assays expected within the coming weeks. The third hole of the drilling campaign (AKDD184) is currently underway.

High Impact Drilling Campaign Strategy and Design

The 12 hole 3,330 metre drilling campaign design has been optimised for exploration results as follows:

- Prioritised follow up of two key areas of high grade mineralisation previously intersected at Kempfield:
  - The northern area of the deposit, including the central area where 1 m @ 1,065 g/t Au from 97 m was intersected by hole AKDD181; and
  - The south-western area of the deposit, where previous high grade precious and base metal intersections include 5 m @ 17.9% Pb/Zn, 259 g/t Ag & 0.34 g/t Au from 88 m (by hole AKDD159), and 14 m @ 5.2% Pb/Zn, 64.5 g/t Ag & 1.5 g/t Au from 72 m within 48 m @ 4.33% Pb/Zn, 43 g/t Ag & 0.6 g/t Au from 56 m (by hole AKRC136).
- Optimised positioning of the new drill holes to identify key areas of continuity down-dip and along strike from known mineralisation.
- 3D geometric modeling - each new drillhole is specifically designed for optimal resource expansion to add inventory to an Inferred category. It is intended to review the current resource estimate once drilling is finalised and assess merit of any strike and/or depth extensions
- Ongoing advanced lithogeochemical and sedimentological assessments to optimise targeting of potential new mineralised zones
  - Led by exploration team with a proven track record in in grade and tonnage discovery;
  - Incorporates state of the art laboratory techniques employed for efficient volcanic-hosted massive sulphide (VHMS) deposit drill campaign design, such as:

--- petrographic drill core analysis performed by Dr. Tony Crawford on Kempfield drill core - similar to that employed by Dr. Crawford in providing initial exploration guidance to Sirius Resources, and considered to have been instrumental in the discovery of the Nova deposit. Sirius Resources was subsequently taken over by Independence Group for A\$1.8 billion;

--- laser ablation inductively-coupled plasma mass spectrometry (LA-ICPMS) analysis and assessment of selected samples led by Professor Ross Large of the Australian Research Centre for Excellence in Ore Deposits (CODES) - for generational 'finger-printing' of pyrite and assessment of pathfinder element associations unique to each deposit; and

--- comprehensive mass-balance and pathfinder element analysis of selective Kempfield drill core samples for integration with above results.

The Kempfield diamond drilling campaign is being executed on a 24 hr/7 day basis (including during the Easter period) for rapid delivery of results, and optimised costs per metre drilled. The drilling schedule, which is subject to efficiency adjustments as the campaign progresses, aims to complete the 12 holes before 30 June 2016.

### Drilling Progress and Positive Early Visual Results

The first two holes (AKDD182 and AKDD183) have been completed and drilling of the third hole, AKDD184, is currently underway.

AKDD182 was completed at the planned length of approximately 300 metres, while AKDD183 was continued to 56.9 metres beyond the planned length of 150 metres due to visual evidence of potential mineralisation encountered. AKDD183 was completed at 206.9 metres.

Initial visual observations of drill core for both holes is encouraging, and assays are expected during the coming weeks for both holes.

Meanwhile a preliminary visual analysis is underway on the drill core for both holes, and will be reported to the ASX together with core photos once the results are available.

Summary drill hole information is provided in Appendix A, and JORC Table 1 in Appendix B in the link below.

To view tables and figures, please visit:  
<http://abnnewswire.net/lnk/P1S2EYEF>

### About Argent Minerals Limited:

[Argent Minerals Ltd.](#) (ASX:ARD) is an Australian publicly listed company with a 100% interest in a silver/gold project at Kempfield NSW. Work is underway on the preparation of an EIS and a feasibility study for the first stage of the project which will involve heap leaching some 8.8 million tonnes of mainly oxide and transitional material to produce over 9.5 million ounces of silver and 15,000 ounces of gold over a 5 year mine life. Argent is also earning up to a 70% interest in two other NSW projects - gold at West Wyalong and base metals at Sunny Corner.

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