



## ASX ANNOUNCEMENT

4 April 2011

### DEFINITIVE FEASIBILITY STUDY MANAGER AND CONSULTANTS APPOINTED

Argent Minerals Limited (“Argent” or “Company”) is pleased to announce the appointment of an internal manager and team of consultant firms to carry out all aspects of the Kempfield Definitive Feasibility (DFS) which is now underway.

The appointments made and activities being undertaken include:

- Mr Derek White, a mining engineer with extensive experience in managing feasibility studies, has been engaged as Project Manager for the DFS.
- Lycopodium Minerals QLD Pty Ltd has been appointed as the lead process plant design and engineering consultant for the project.
- Australian Mine Design and Development Pty Ltd (AMDAD) has been appointed to undertake mine design.
- Knight Piesold Consulting Pty Ltd, one of the foremost tailings storage experts globally, has commenced work on the design of the Tailings Storage Facility.
- RW Corkery Pty Ltd, a highly experienced and well regarded environmental consultant has been appointed to prepare the Environmental Assessment for the project.
- RPS Aquaterra, has been appointed to advise on surface and ground water matters.
- Mr Bruno Sceresini, a highly experienced metallurgist with an extensive background in minerals processing and precious metals recovery, who directed the metallurgical testwork for the Kempfield Scoping Study, will continue to direct the metallurgical testwork.

A drilling programme comprising over 5,000m of infill and metallurgical drilling has commenced with 15 holes (1,200m) drilled to date.

Selected drill core intervals from a previously reported drilling programme have been sent to Metcon Laboratories in Sydney for metallurgical testing .

The DFS envisages a throughput of 1.5 million tonnes per annum for 10 years producing payable metal of 20 million ounces of silver 65,000 ounces of gold and 108,000 tonnes of lead and zinc in concentrates. It is anticipated that the DFS will be finalized by December 2011 with regulatory approvals expected to be



granted some time later. Subject to those approvals being granted, completion of the study will lead to a project financing decision for Kempfield.

The Kempfield Definitive Feasibility Study is budgeted to cost approximately \$2.5 million. It is being done to a standard designed to attract project financing and will include:

- Over 5,000m of infill, metallurgical and geotechnical drilling;
- Additional metallurgical test work (leaching and and flotation);
- Rock quality and acid generation test work;
- Preparation of an Environmental Assessment (EA) including fauna, flora and heritage studies which have been substantially completed;
- Mine planning and design;
- Process plant engineering and site layout including tailings dam design; and,
- Infrastructure requirements including water and power.

For more information:

[www.argentminerals.com.au](http://www.argentminerals.com.au)

Kerry McHugh  
Executive Chairman  
Argent Minerals Limited  
Ph: 0404 465 154