



ASX ANNOUNCEMENT

27 April 2011

INVESTOR PRESENTATION

Argent Minerals Limited (“**Argent**” or “**Company**”) advises that the following presentation was made to investors on 27 April 2011.

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ARGENT

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Disclaimer

Certain statements contained in this presentation, including information as to the future financial or operating performance of Argent Minerals Limited (ASX:ARD) and its projects, are forward looking statements:

- may include, among other things, statements regarding targets, estimates and assumptions in respect of mineral reserves and mineral resources and anticipated grades and recovery rates, production and prices, recovery costs and results, capital expenditures, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions;
- are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Argent, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; and
- involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward looking statements.

Argent disclaims any intent or obligation to update publicly any forward looking statements, whether as a result of new information, future events or results or otherwise. The words “believe”, “expect”, “anticipate”, “indicate”, “contemplate”, “target”, “plan”, “intends”, “continue”, “budget”, “estimate”, “may”, “will”, “schedule” and similar expressions identify forward looking statements.

All forward looking statements made in this presentation are qualified by the foregoing cautionary statements. Investors are cautioned that forward looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward looking statements due to the inherent uncertainty therein.

The information in this Report that relates to Exploration at Kempfield and West Wyalong is based on information compiled by David Timms and Dr Vladimir David who are members of the Australian Institute of Geoscientists, and Technical Consultants to Argent, and who have sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as Competent Persons as defined in the 2004 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Timms and Dr David consent to the inclusion in the report of the matters based on the information in the form and context in which it appears.

The information in this Report that relates to Mineral Resources is based on information compiled by Mr Arnold van der Heyden, who is a Fellow of the Australian Institute of Geoscientists and an employee of Hellman & Schofield Pty Ltd. Mr van der Heyden has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2004 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr van der Heyden consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.



Corporate Overview

ARGENT MINERALS

A focused silver exploration and development company

- The 100% owned Kempfield silver, lead, zinc project is the Company's key asset.
- JORC Resource of 31.6m oz of silver and 261,000 tonnes of zinc and lead
 - Definitive Feasibility Study (DFS) underway for a 10+ year mine life at 1.5mt pa.
 - Targeting silver production of 2 million ounces per annum by mid 2013.
 - Good potential to expand resources
 - All zones open at depth and some open along strike.

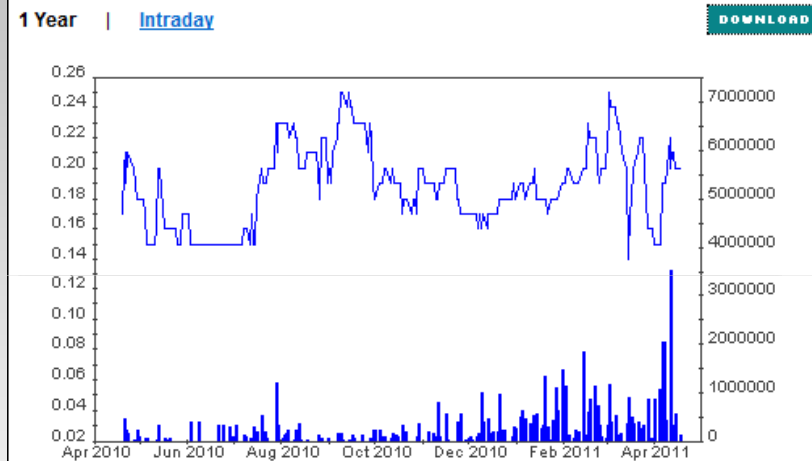


Corporate Information

Capital Structure

ASX Code - Shares:	ARD
ASX Code - Options:	ARDO
Shares on Issue	89.4m
Options on Issue (17.8 c)	43.2m
Share Price	\$0.19
Market Cap	\$17.0m
Cash at 31 Dec	\$3.1m

Share Price Chart



Directors

Kerry McHugh – Executive Chairman
Marcus Michael – Executive Director
Steve Gemell – Non Executive Director

Investment Highlights

Near term development

- Kempfield DFS due for completion Dec 2011
- Silver production targeted for mid 2013
- At current prices, project net cash flow estimated to exceed A\$550m

Leverage to rising silver prices

- Reserve base highly sensitive to silver price
- Large resource size will enable high grading response to lower prices
- Significant Zn/Pb by-product revenue

Definitive Feasibility Study Underway

- Industry leading experts engaged to complete the DFS
- Metallurgical testwork underway

Solid financial position

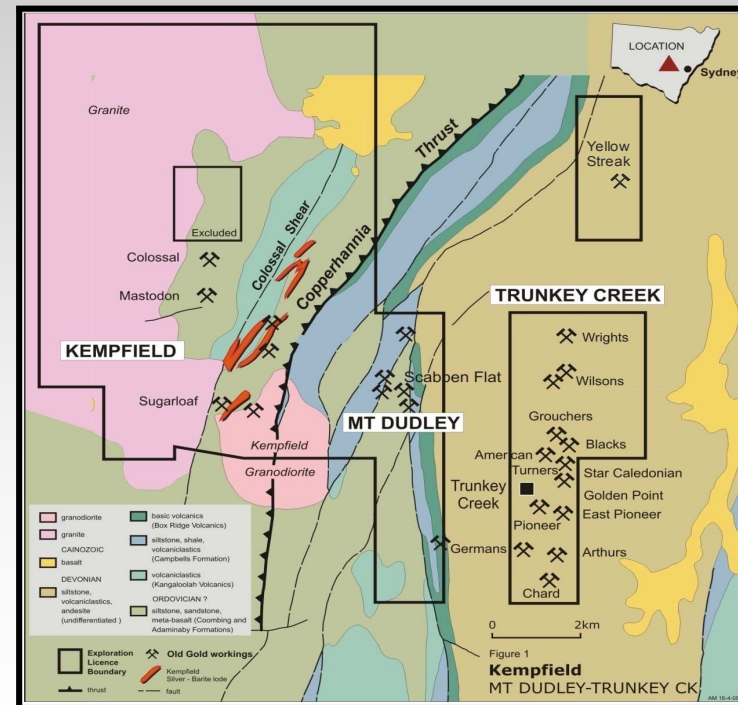
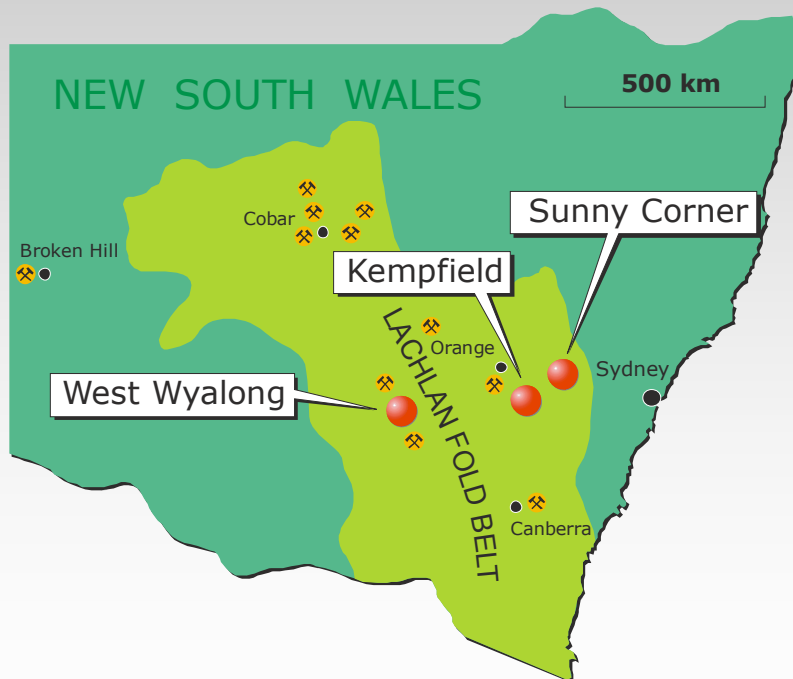
- Cash at Dec 31, 2010 of \$3.1 m.

Significant exploration potential at Kempfield

- Open at depth & along strike.
- Several near mine IP targets.

Kempfield Project

- Kempfield is a silver, lead, zinc VMS deposit, located 30km south of Blayney
- Known mineralisation extends for more than 3 kilometres



Local Geology

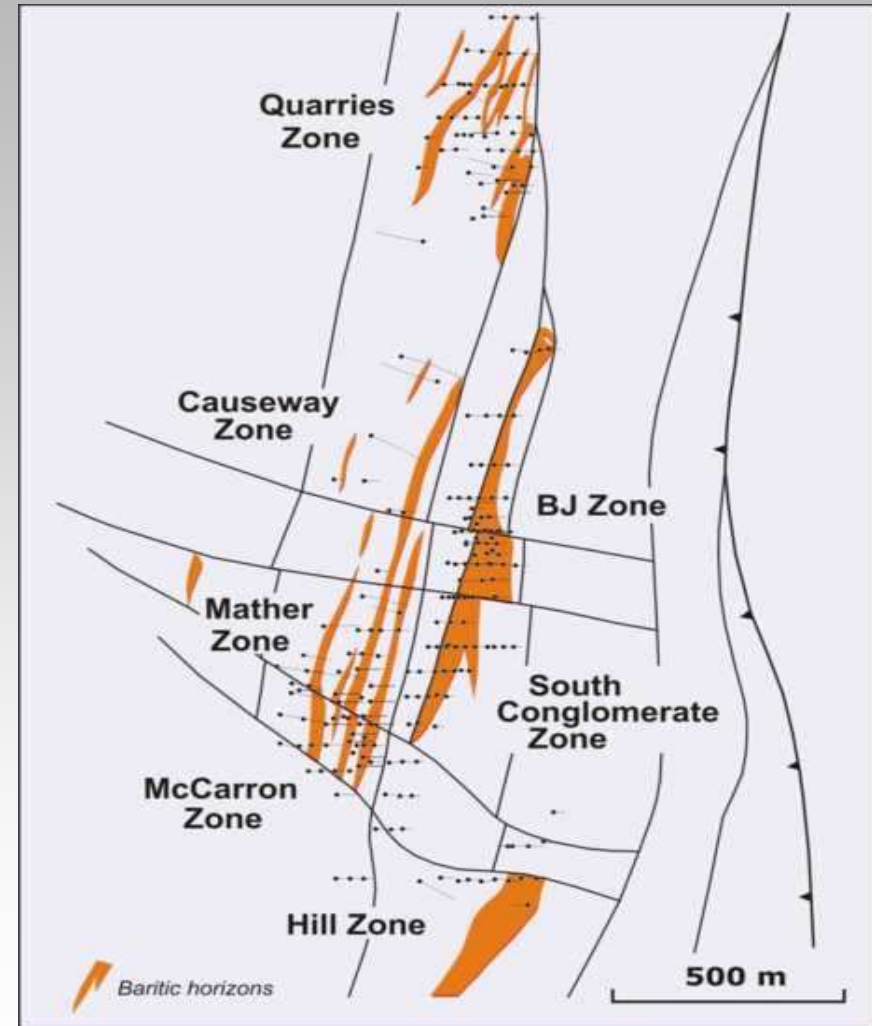
Defined mineralisation is over a 3 km long silver rich barite horizon with six zones,

Of those six zones, three contain significant economic resources :

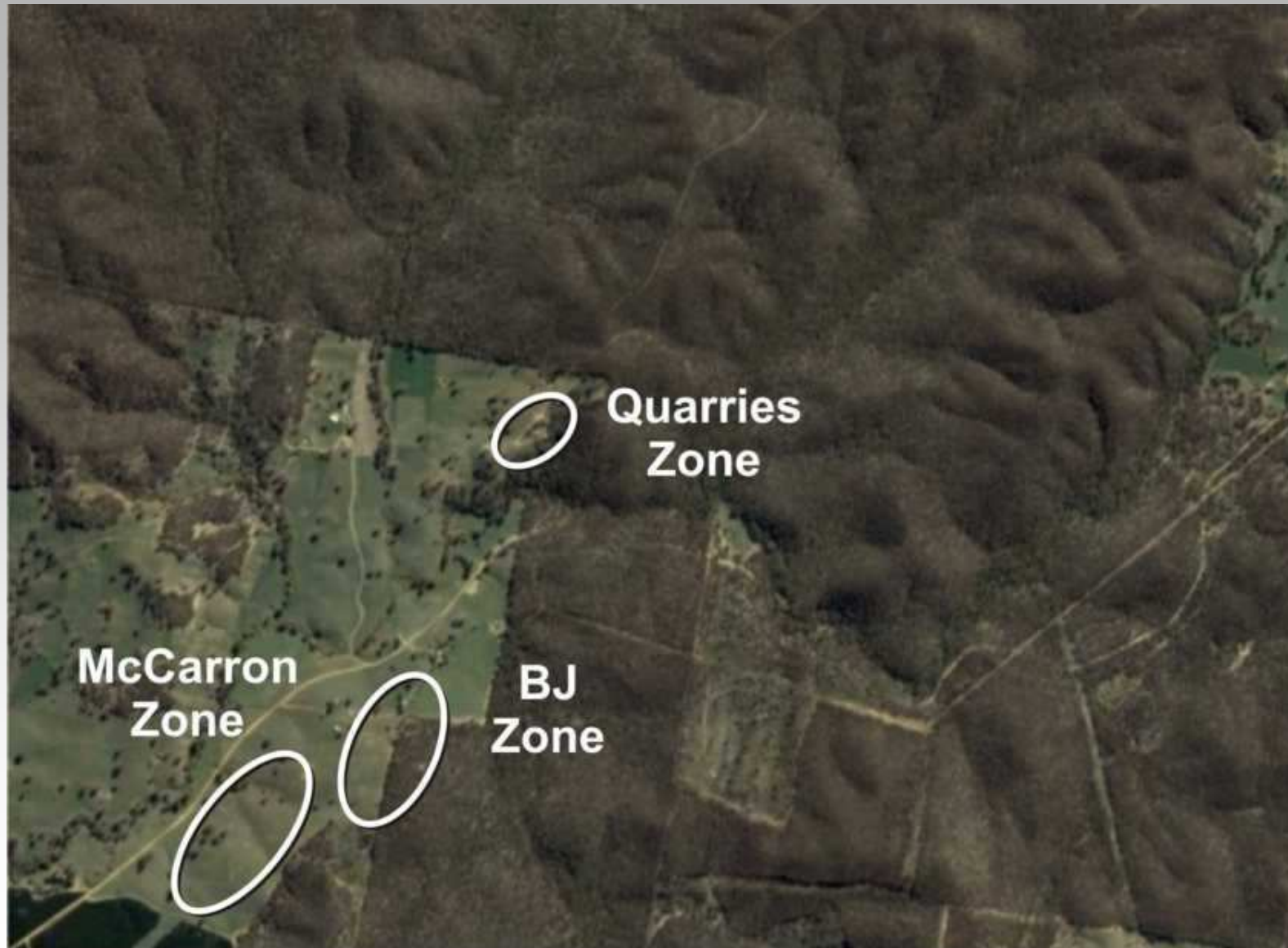
- Quarries Zone
- BJ Zone
- McCarron Zone

Three types of mineralisation are present:

- Oxide
- Transitional
- Sulphide



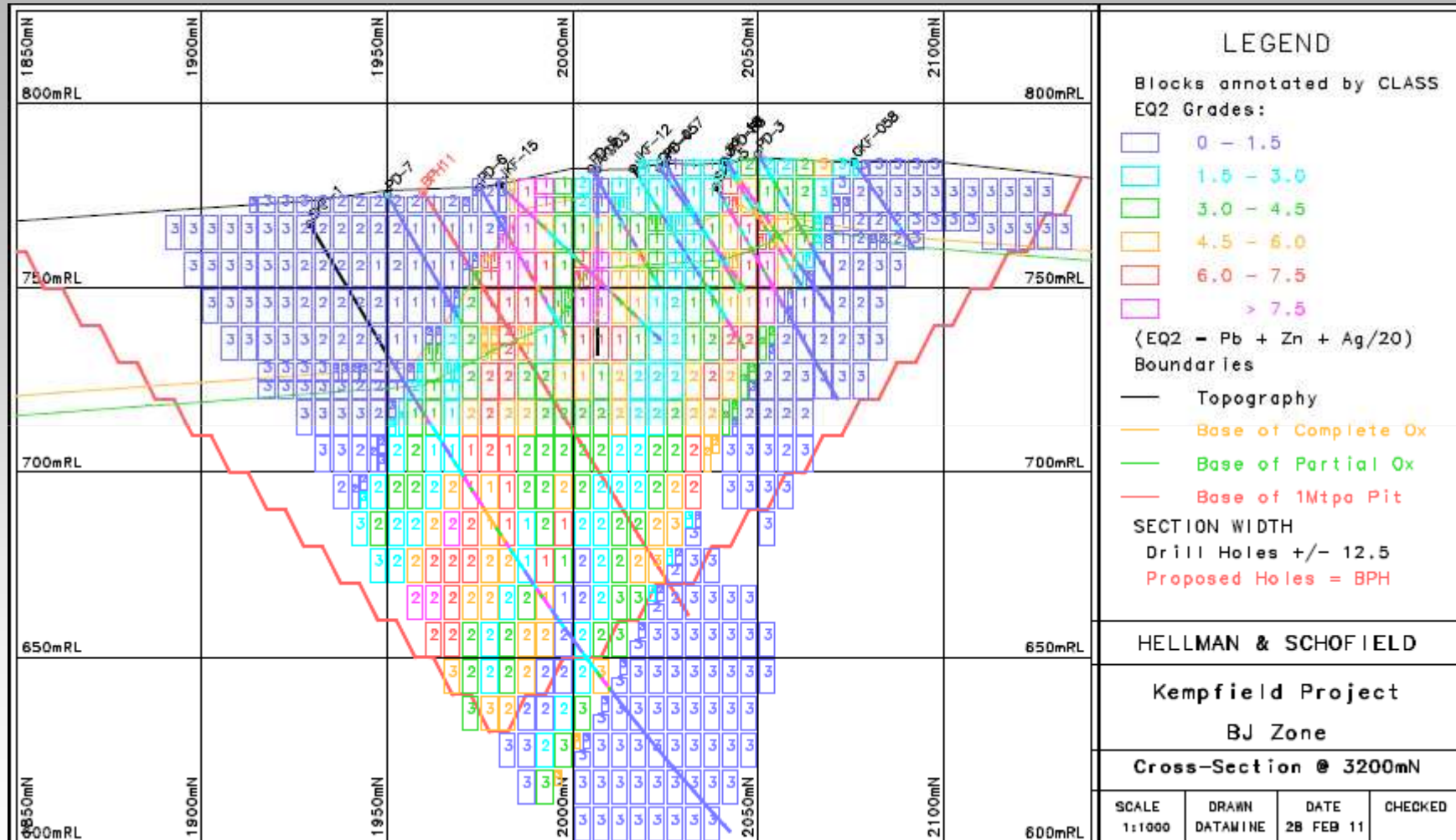
Project Site



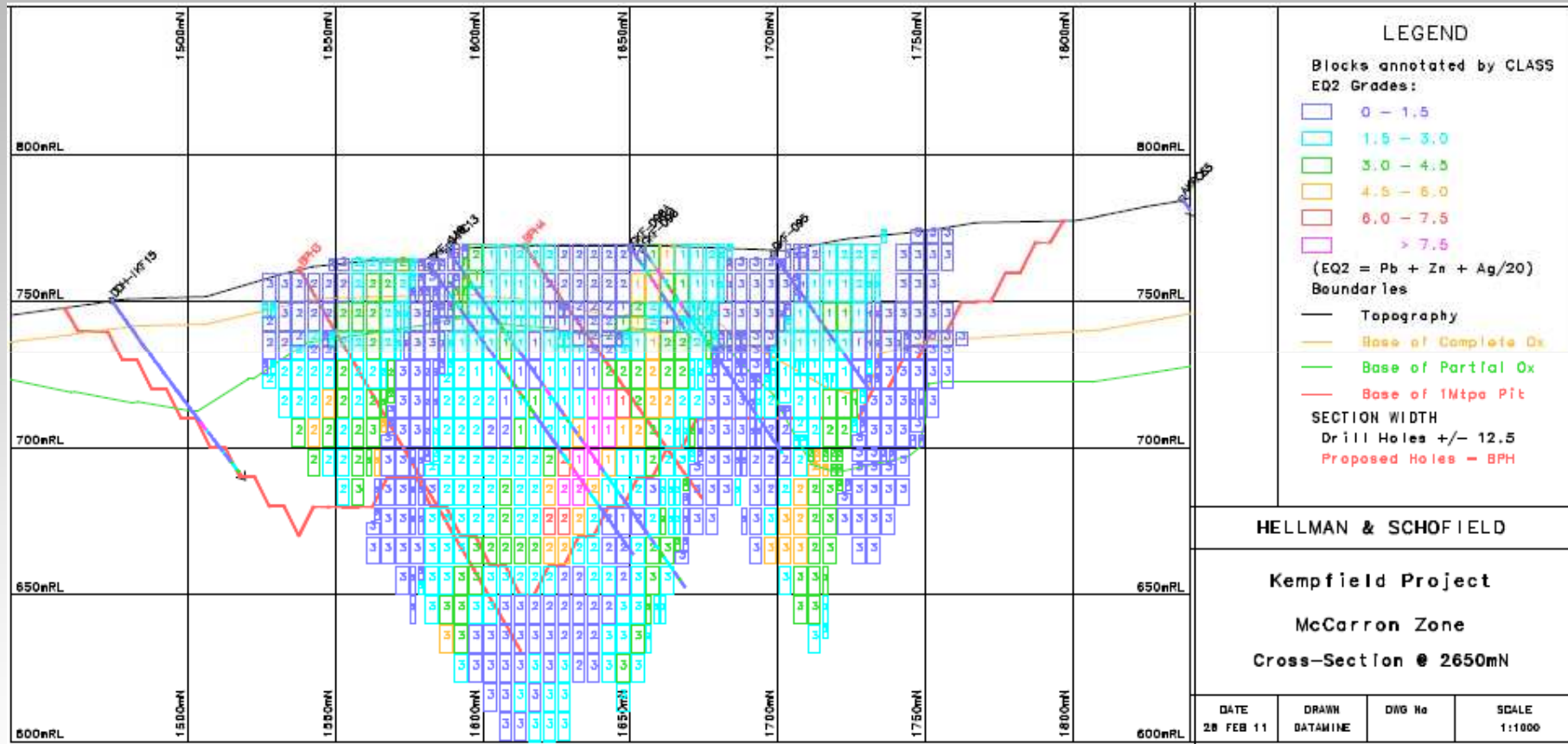
Resources

- 20.6 million tonnes for:-
 - 31.6 m ozs Silver,
 - 65,000 ozs Gold, (Equivalent to 1million ozs of gold at silver/gold ratio of 33:1)
 - Plus 261,000 tonnes of Lead and Zinc.
- Approx 69% measured or indicated
See later slides for details.

BJ Zone Cross Section 3200N



McCarron Zone Cross Section 2650N



Kempfield Site



Project Economics

Pit Optimization (pit shells only)	1.5 million tpa US\$30 per ounce silver
Operating Parameters	
Tonnes Treated	16.3mt
Strip Ratio	1.3 to 1
Mine Life	11 years
Silver Produced	22.3 million ounces
Gold Produced	35,000 ounces
Lead Produced	26,800 tonnes
Zinc Produced	92,700 tonnes
Net Cash Flow *	\$260 million
*Includes preliminary estimate of initial Capex of \$100 million	

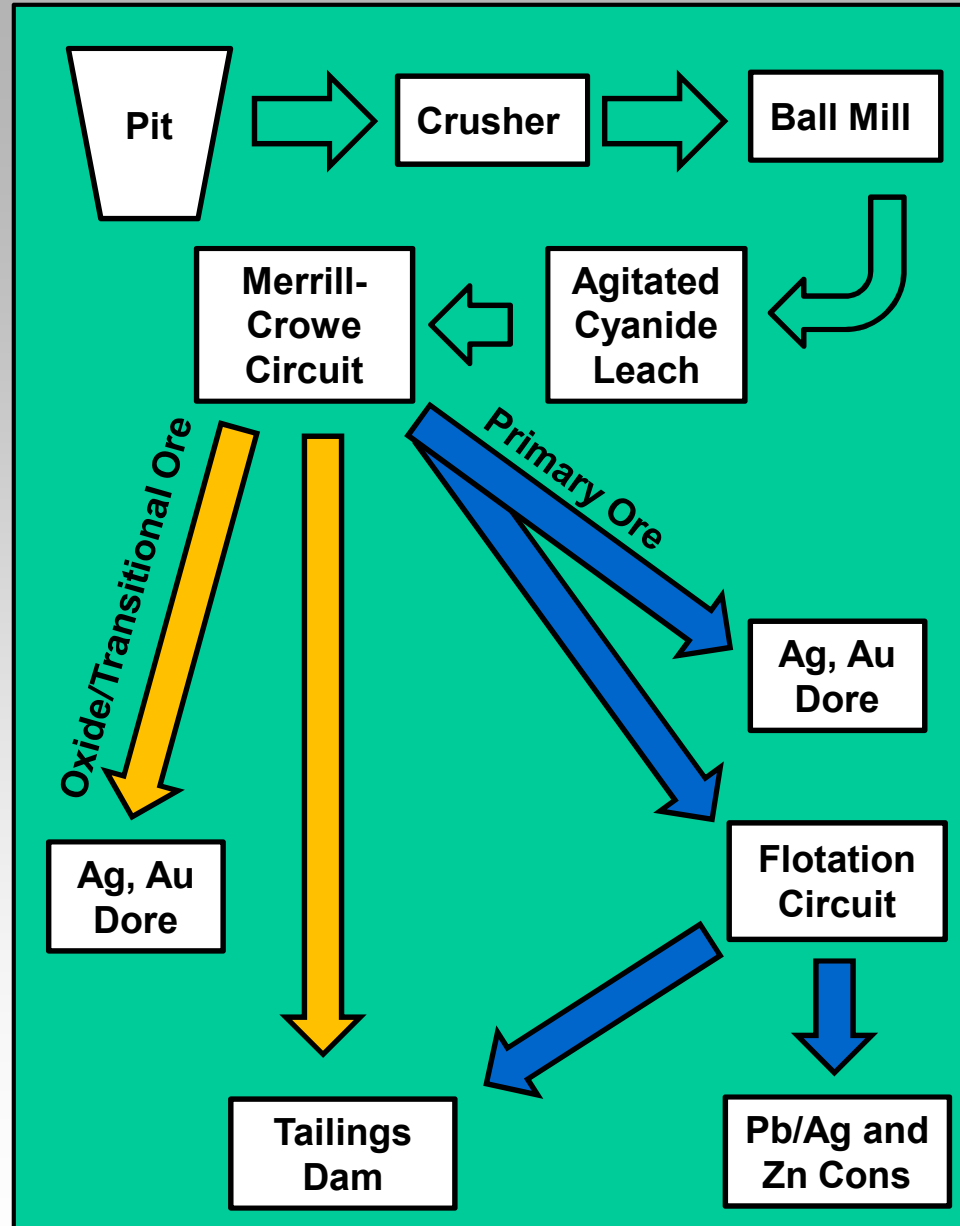
DFS Key Appointments

Project Manager	Mr Derek White
EIS	W.R. Corkery Pty Ltd
Water	RPS Aquaterra, Sydney
Process Design	Lycopodium Minerals Queensland P/L
Metallurgy	Mr B.Sceresini/Metcon Labs
Tailings Dam	Knight Piesold Pty Ltd
Mine Design	Aust Mine Design and Development P/L

An infill and metallurgical drilling programme of 5,000 metres of RC and DD holes (over 50 holes in total) is underway.

Processing

- 3 Stage Crushing
- Ball Mill
- Agitated Cyanide Leach
- Followed by:
 - (a) Merrill - Crowe Circuit to Recover Ag and Au to Dore
 - (b) Flotation Circuit to Recover Pb, Zn and additional Ag from Primary Ore
- Cyanide Destruction and Tailings to Tailings Dam



Indicative Project Timetable

Activity	Q2 11	Q3 11	Q4 11	Q1 12	Q2 12	Q3 12	Q4 12	Q1 13	Q2 13
Complete Metallurgical Testwork	█								
Prepare Revised Resource Statement	█								
Complete Feasibility Study	█	█	█						
Negotiate Financing				█					
Obtain Development Approval	█	█	█	█					
Decision to Mine				▲					
Construct Project					█	█	█	█	█
First Production									▲

Key Advantages

Resource Size

Long mine life

Reserves sensitive to commodity prices

Potential to increase resources

Short time to Production

Feasibility work underway

Targetting first production mid 2013

Close to infrastructure

Skilled labour pool

Strong community & Govt relationships

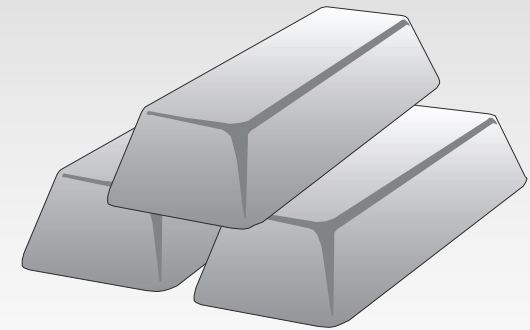
Grid power within 10km

Commodity Diversification

Silver key commodity but strong Zn/Pb revenue

In Conclusion**ARGENT'S KEY AIM IS:**

Producing Silver at Kempfield by mid 2013



Mineral Resources

	Tonnes	Silver		Gold		Lead		Zinc	
		Grade	Contained Metal	Grade	Contained Metal	Grade	Contained Metal	Grade	Contained Metal
	Million	g/t	M ozs	g/t	000 ozs	%	000t	%	000t
Oxide/Mixed* Cut off grade 25g/tAg	5.8	58	10.8	0.1	19	N/A	N/A	N/A	N/A
Primary** Cut off grade 50g/tAg Eq	14.4	45	20.8	0.1	46	0.6	86	1.2	175
Total	20.2	49	31.6	0.1	65	N/A	86	N/A	175

31.6m ozs of silver + 65,000 ozs of gold equivalent to 1million ozs of gold at silver /gold ratio of 33to 1.

* Approximately 83% of these resources are Measured or Indicated

**Approximately 64% of these resources are Measured or Indicated



Resources by Category

	Tonnes	Grade (g/t)		Grade (%)	
Oxide and Mixed	million	Silver	Gold	Lead	Zinc
Measured	2.1	70.3	0.1		
Indicated	2.7	52.4	0.1		
Inferred	1.0	45.5	0.1		
Primary					
Measured	2.1	60.2	0.1	0.64	1.08
Indicated	7.5	45.7	0.1	0.59	1.21
Inferred	4.8	38.5	0.1	0.60	1.31



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