



# Jervois Copper Project

Mines and Money Hong Kong  
March 2015

# Corporate Overview

ASX code	KGL
Issued shares	141.5 million
Options	2.8 million
Average monthly volume	8.4 million
Market capitalisation (20 Mar 15)	\$21 million
Cash (31 Dec 2014)	\$9.8 million
Debt	Nil



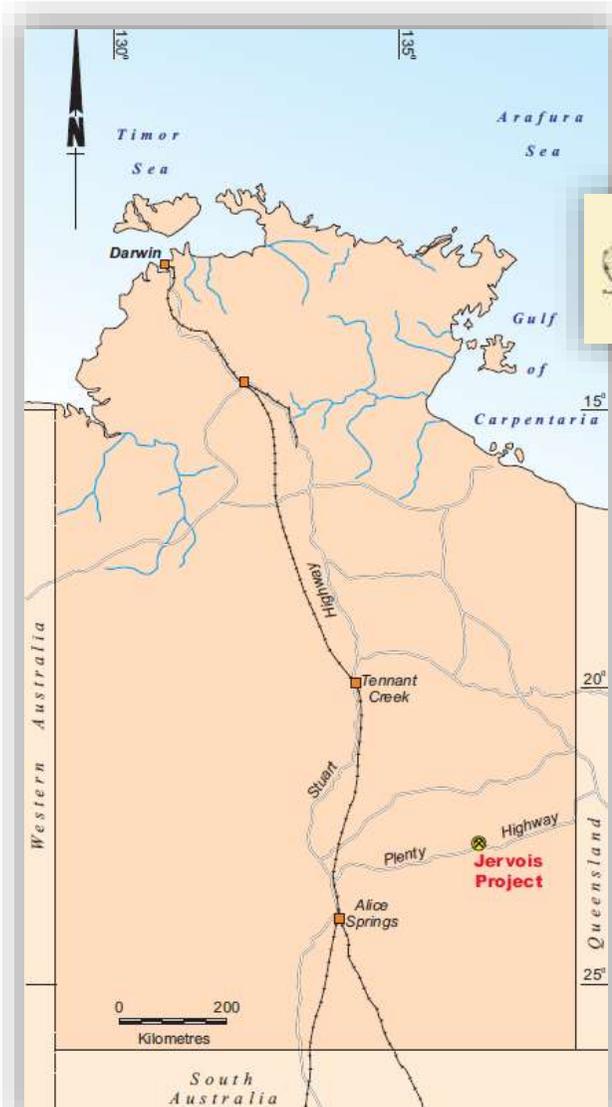
Top Shareholders	%
KMP Investments Pte Ltd	27.3%
HSBC Custody Nominees (Aust)	6.5%
JP Morgan Nominees Australia	3.9%
National Nominees	3.5%
Top 20 shareholders	59.5%

## Board of Directors & Management

Andrew Daley	Chairman
Simon Milroy	Managing Director
Chris Bain	Non-Executive Director
Brad Ellis	Non-Executive Director
John Taylor	Non-Executive Director

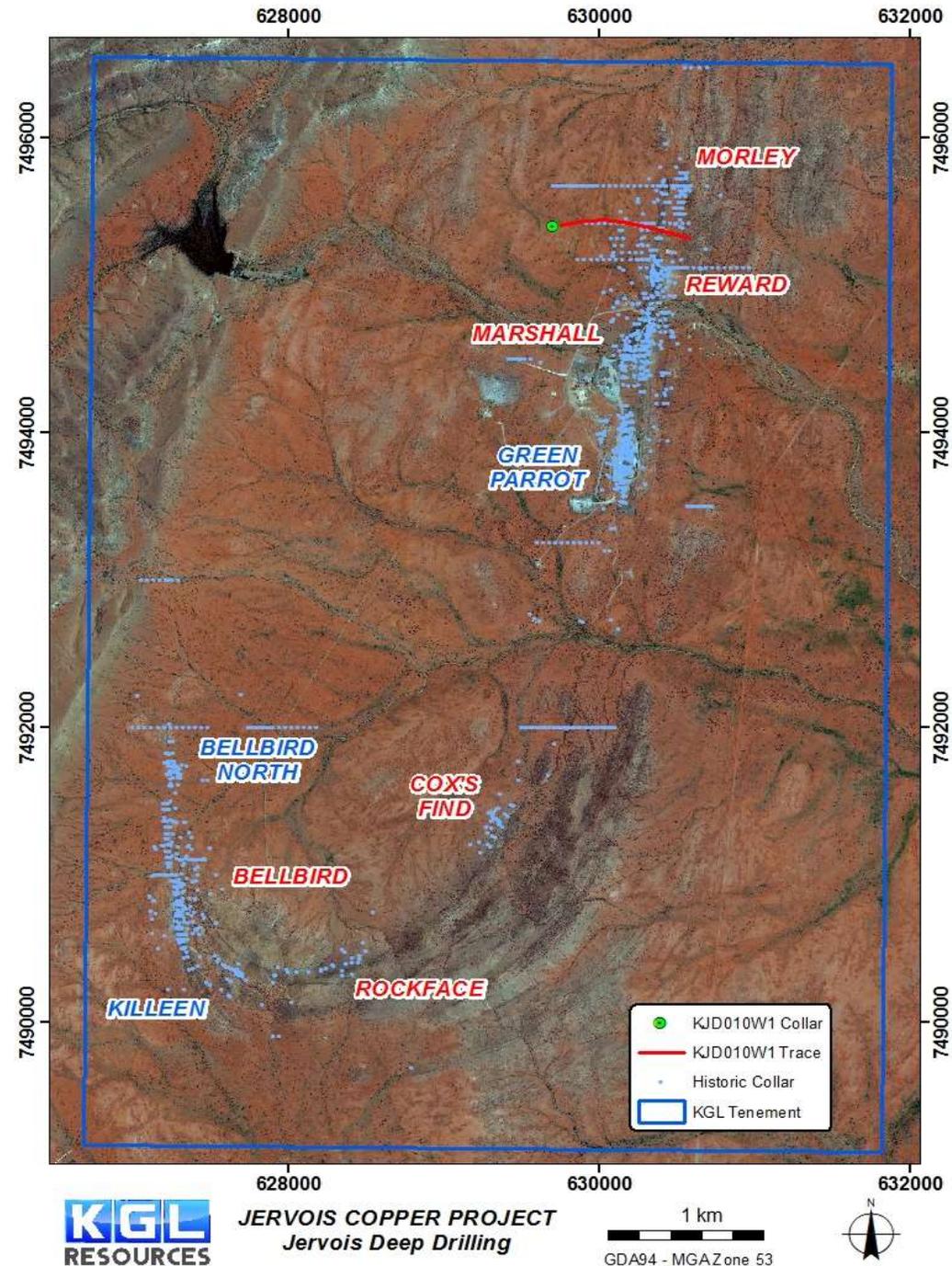
# Jervois Project Setting

- On the Plenty Highway
- Concentrate to be trucked from site to Alice Springs then transported by rail to Darwin port
- In the 1960's, ore was trucked from Jervois to Mt Isa

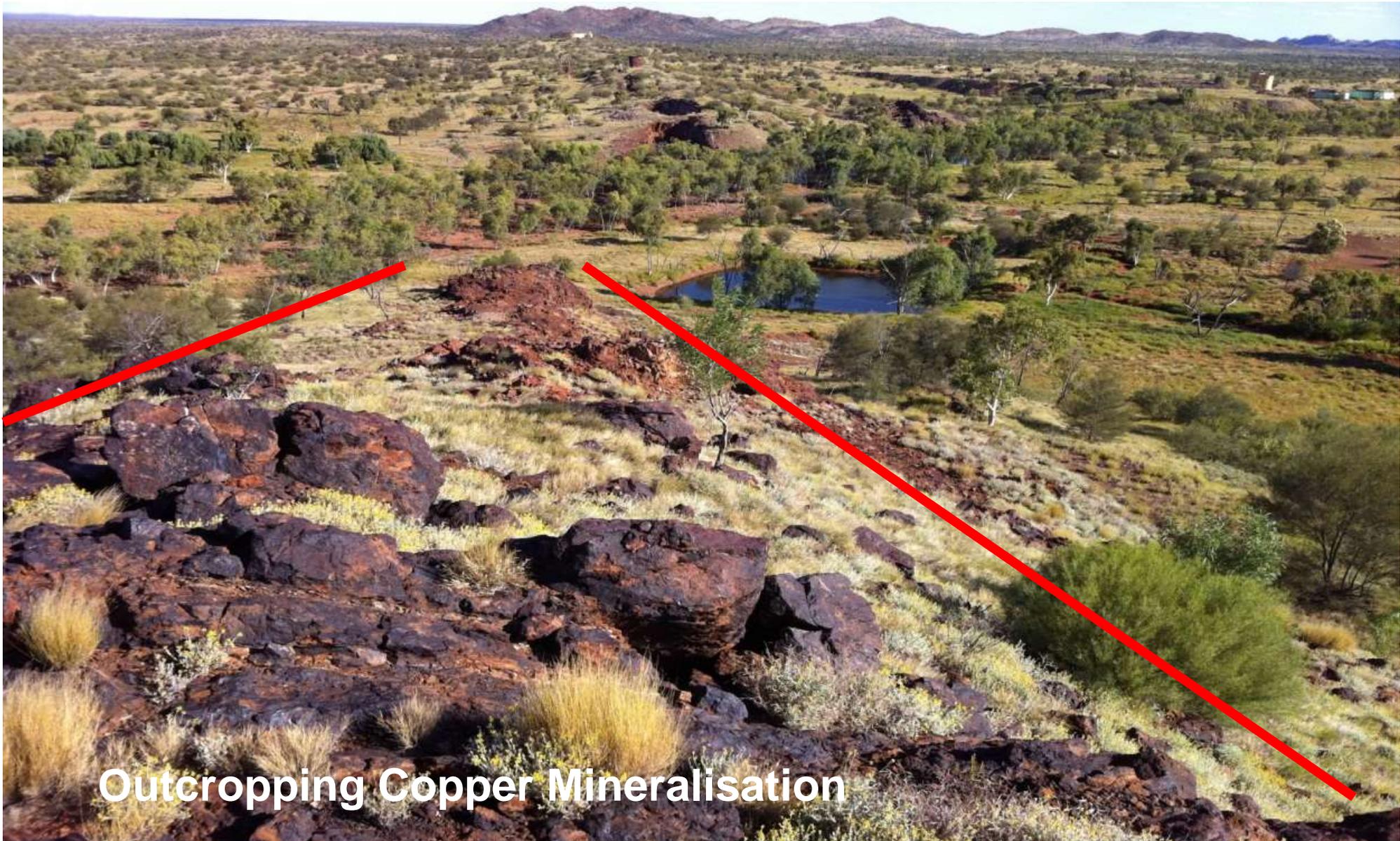


# Jervois Project

- 12km strike length



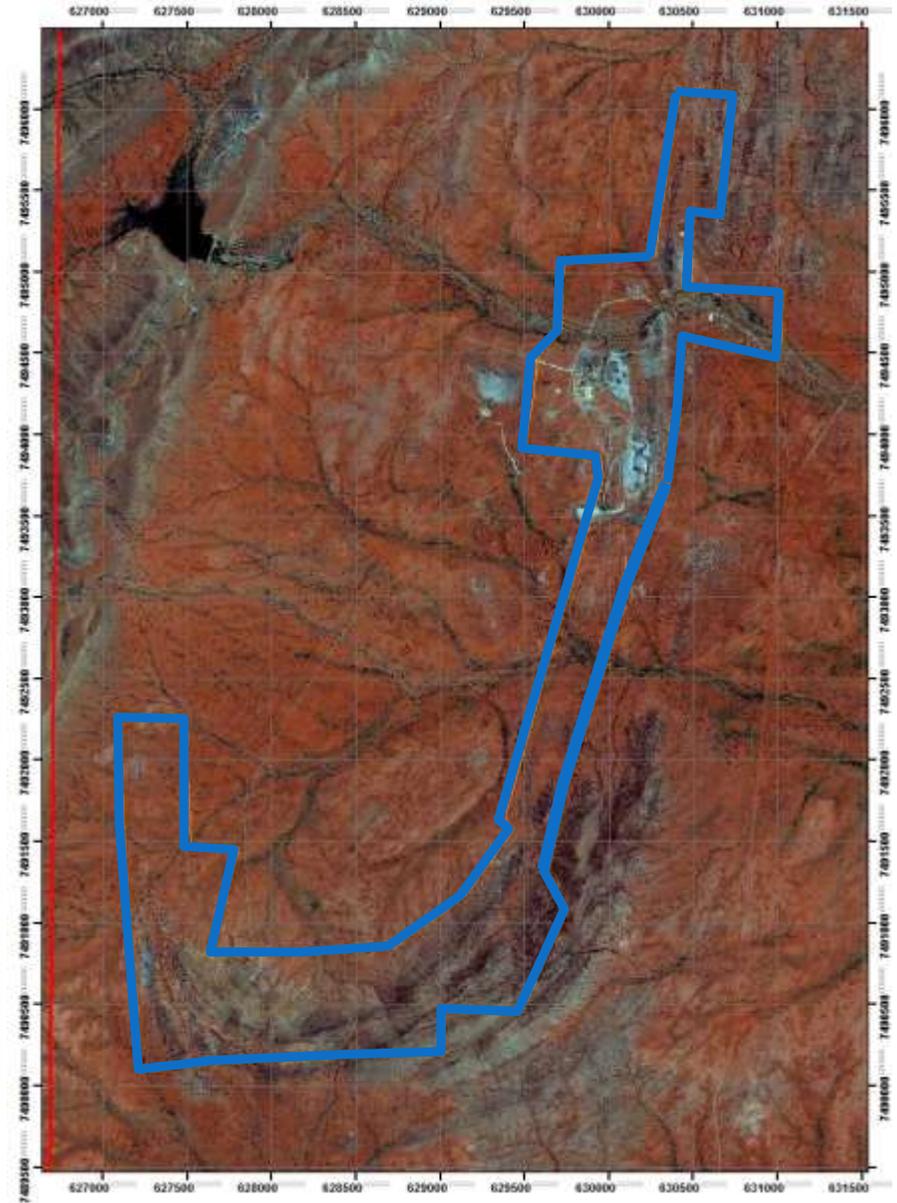
# Reward Prospect looking south



**Outcropping Copper Mineralisation**

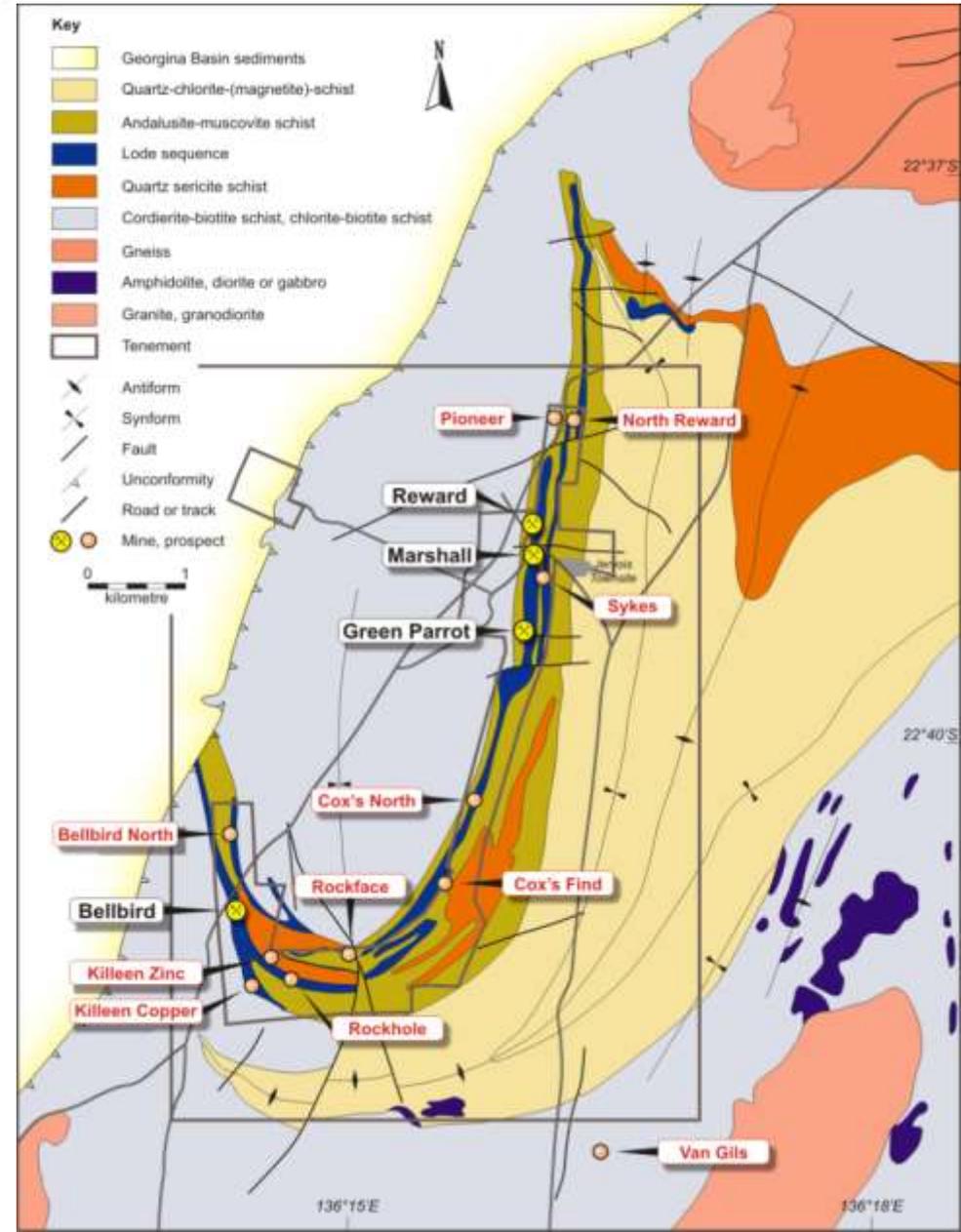
# Jervois Project Setting

- Existing Mining Lease due to historical mining activities on site



# Geological Setting

- Hosted by Bonyra Schist in Eastern Arunta
- Northerly Plunging Syncline
- SEDEX style deposit



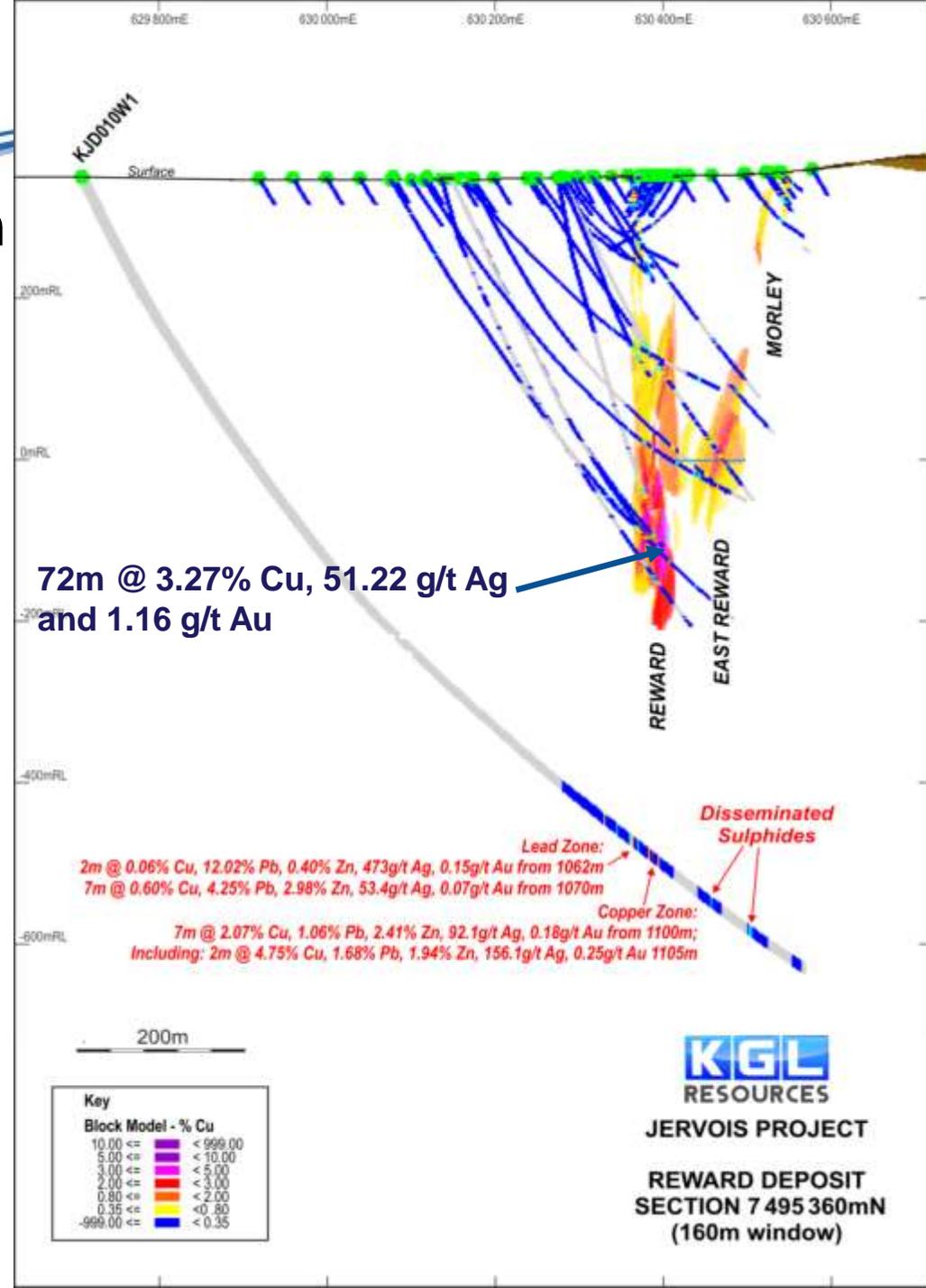
# Mineralisation intersected 870m below surface



Copper mineralisation

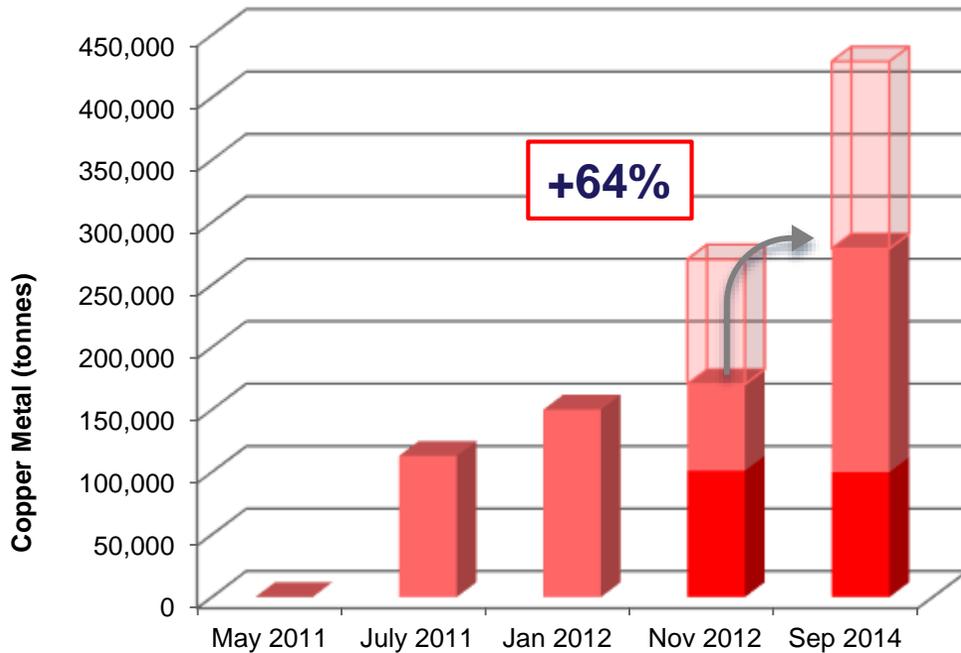


Lead and Zinc mineralisation



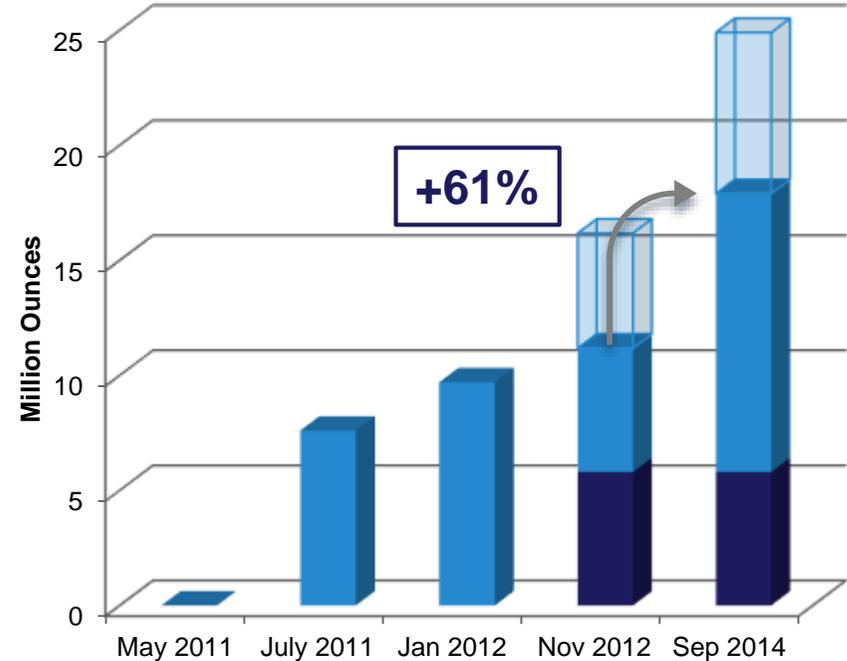
# Mineral Resources Update

**25.3 Mt @ 1.1% Cu for 280,000 t Cu**



■ Copper Indicated ■ Copper Inferred ■ Exploration Potential

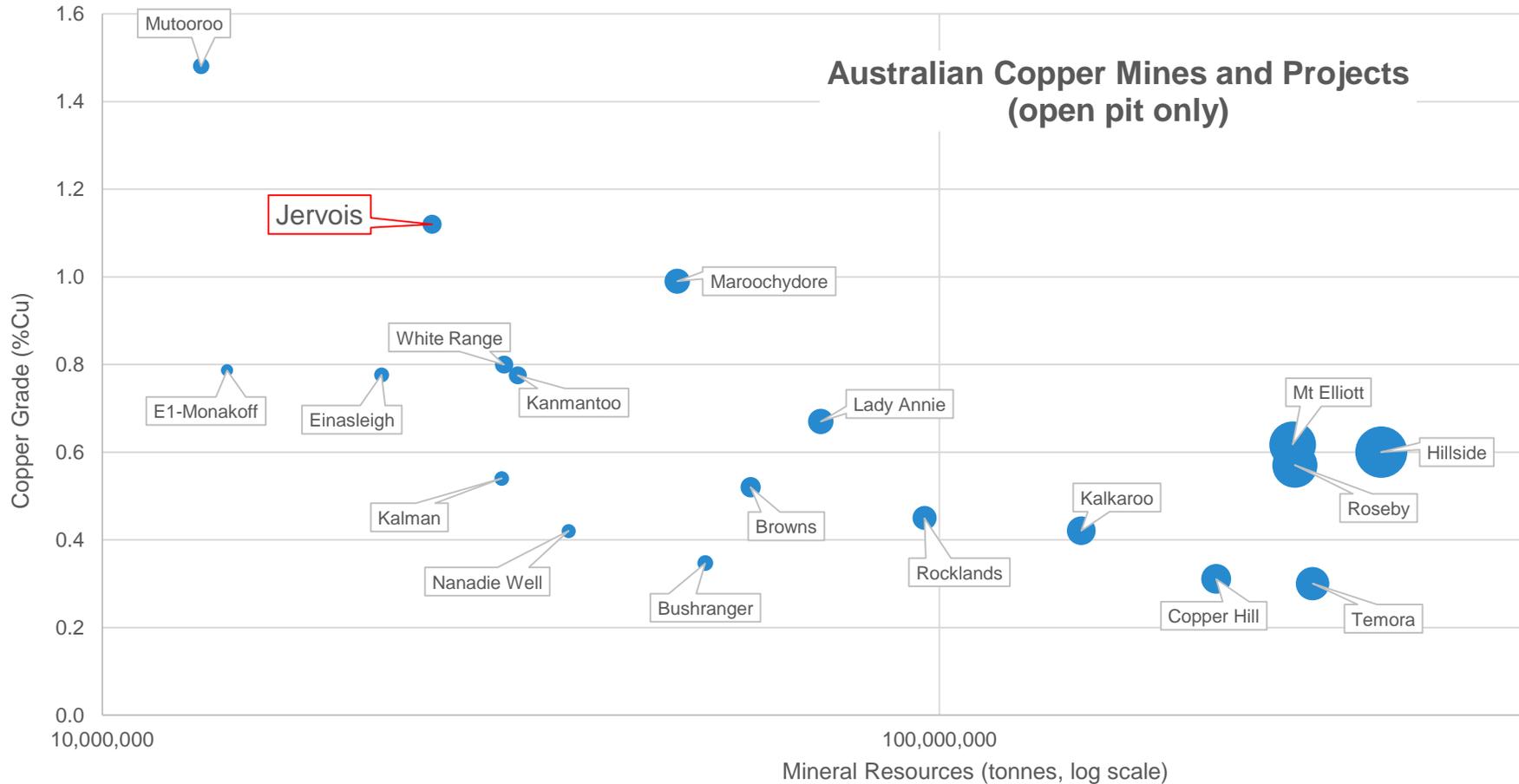
**25.3 Mt @ 22 g/t Ag for 18 Moz Ag**



■ Silver Indicated ■ Silver Inferred ■ Exploration Potential

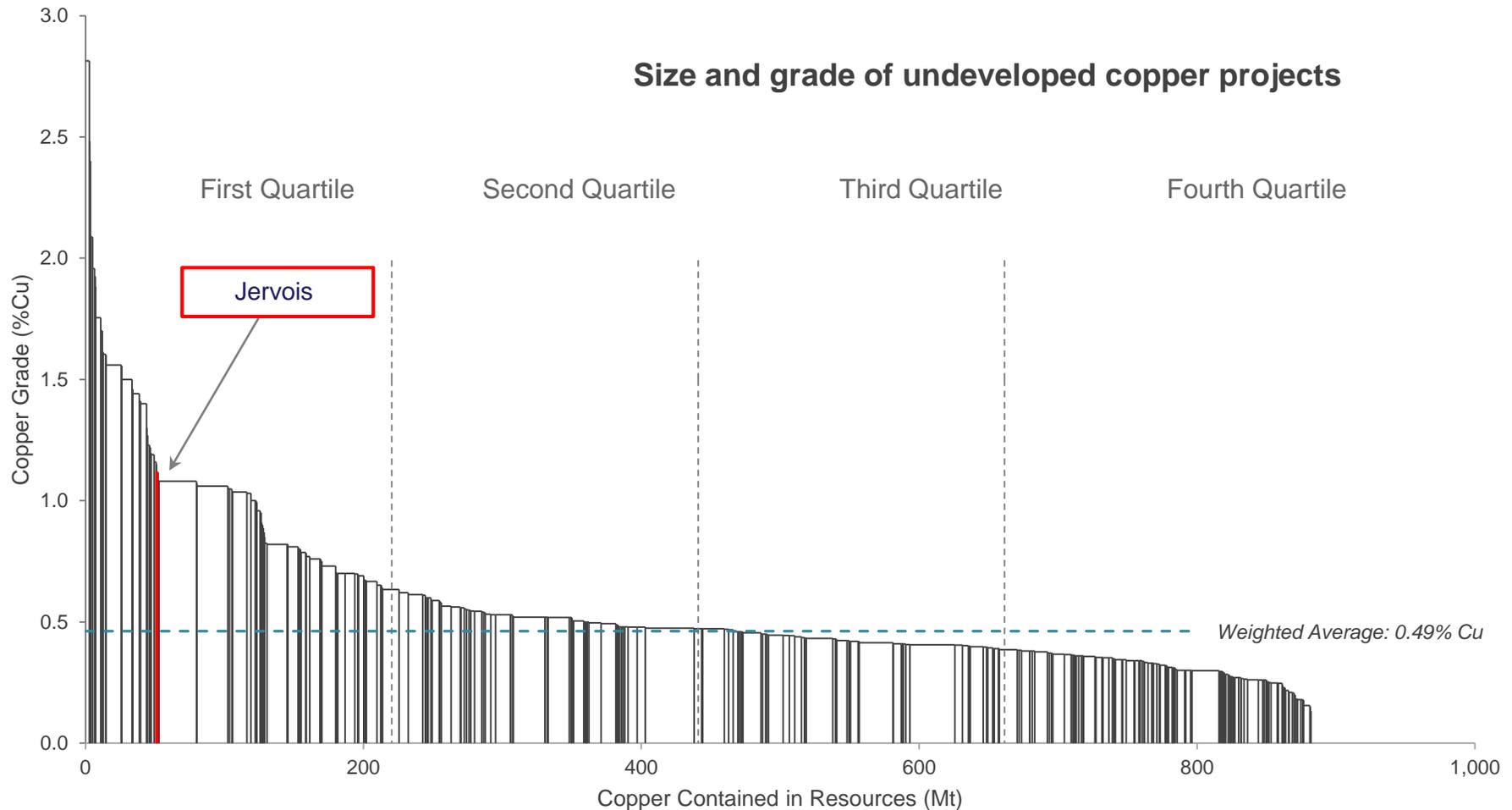
*The potential quantity and grade of the Exploration Potential is conceptual in nature and there has been insufficient exploration to define a Mineral Resource. It is uncertain if further exploration will result in the determination of a Mineral Resource.*

# High Grade Resources



Source: SNL Mining & Metals, Terra Studio. Most recent mineral resources available, copper only. Bubble size according to copper metal contained.

# High Grade Resources

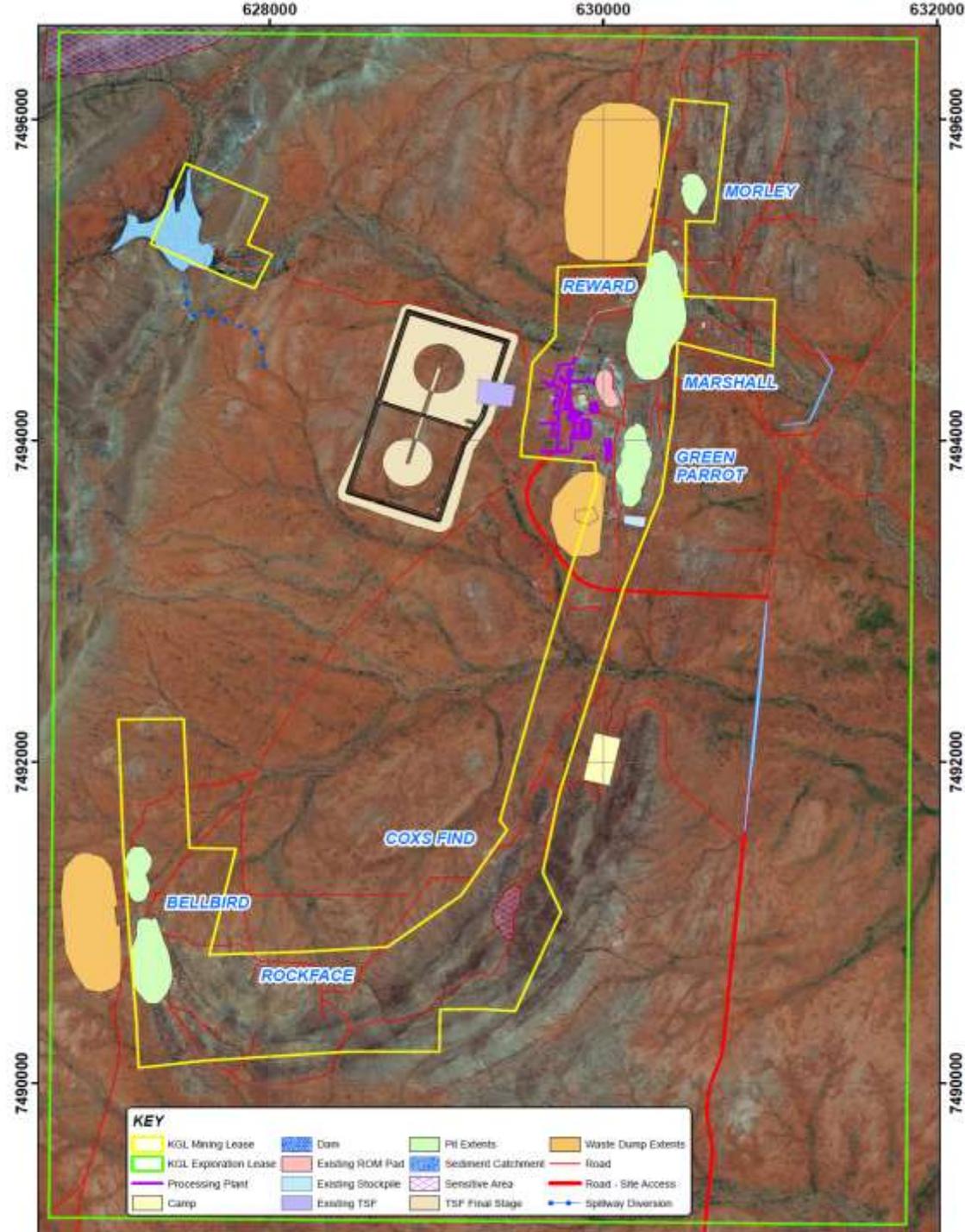


Source: SNL Mining & Metals, Terra Studio. Undeveloped copper projects with more than 250,000t of contained copper metal (open pit only)

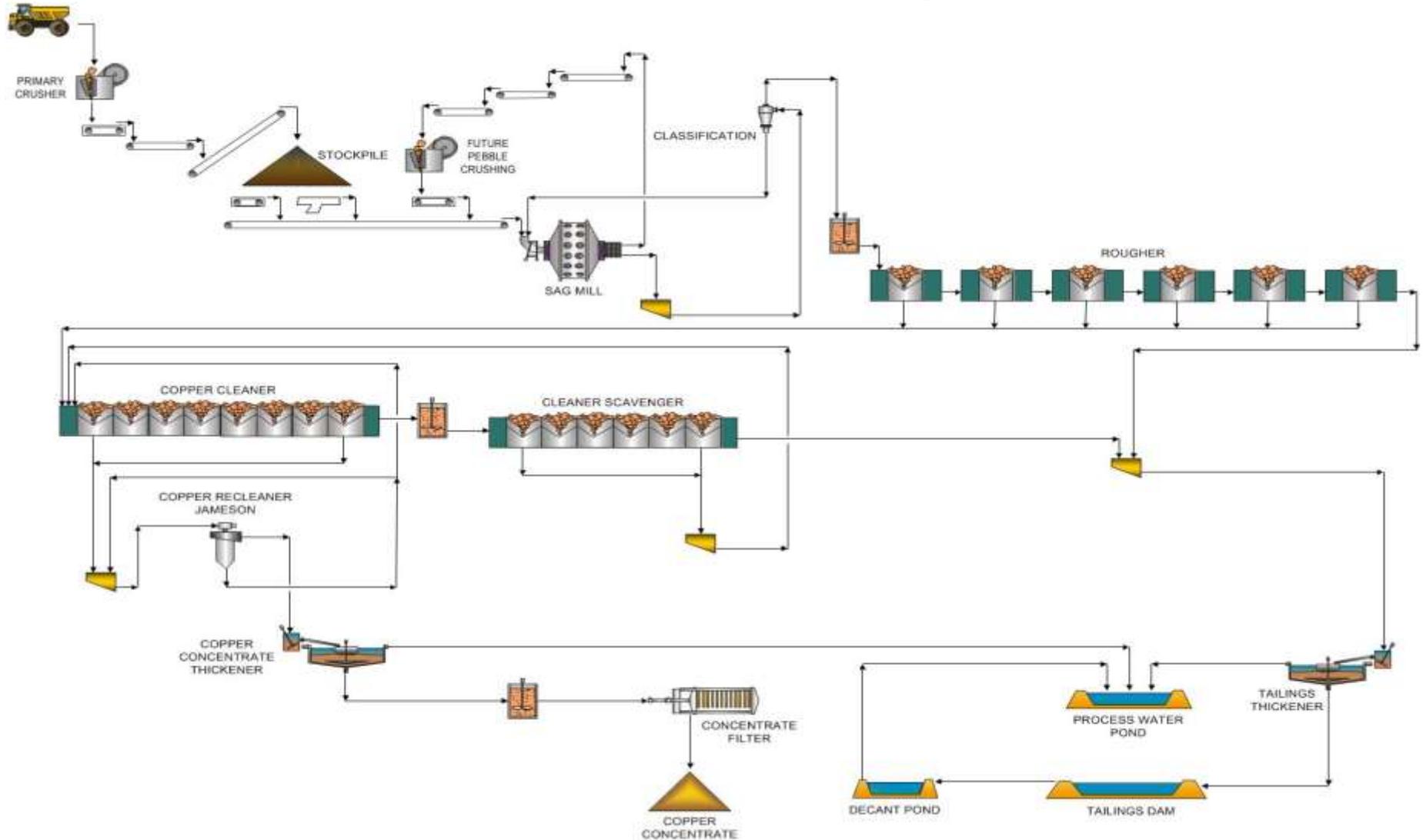
# Jervois Pre-Feasibility Study

- 2 mtpa Flotation Plant
- 7 Year Mine Life
- 21,000 tpa Copper Production
- 1 M ozpa Silver Production
- Initial Capex \$189m
- C1 cost US\$1.51/lb\*

\* (After by-product credits and using an exchange rate of A\$/US\$ and silver price of USD 20/oz)



# Jervois 2 mtpa Flotation Plant



# Additional Work Programme

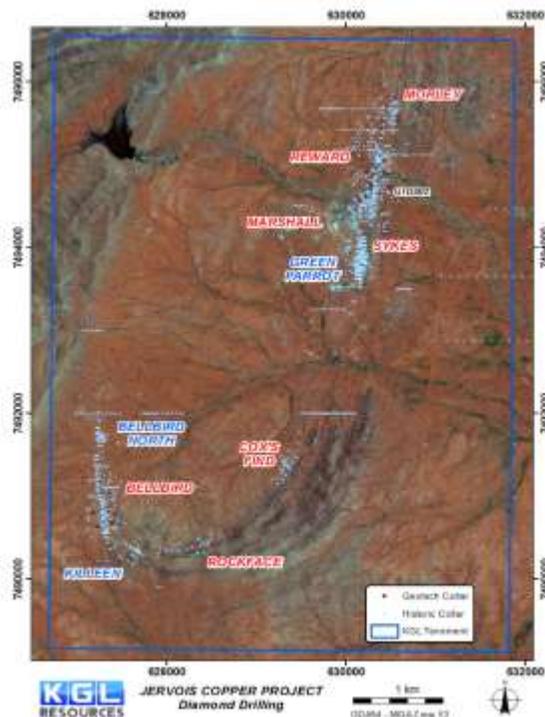
The Jervois project's value can be significantly increased by further drilling and metallurgical work:

1. Geotechnical – Steeper Pit Walls
2. Metallurgy – Targeting increased recovery of Copper and Silver
3. Resource Drilling – Targeting known high grade areas
4. Operating Costs – Reductions in mining costs – cheaper diesel

Targeting additional \$100m - \$200m in free cash flow

# 1. Geotechnical Drilling

- 1,200 meters of diamond core in to the planned pit walls
- Aim is to design steeper walls to reduce waste mining
- New zone of copper in Eastern wall at Marshall



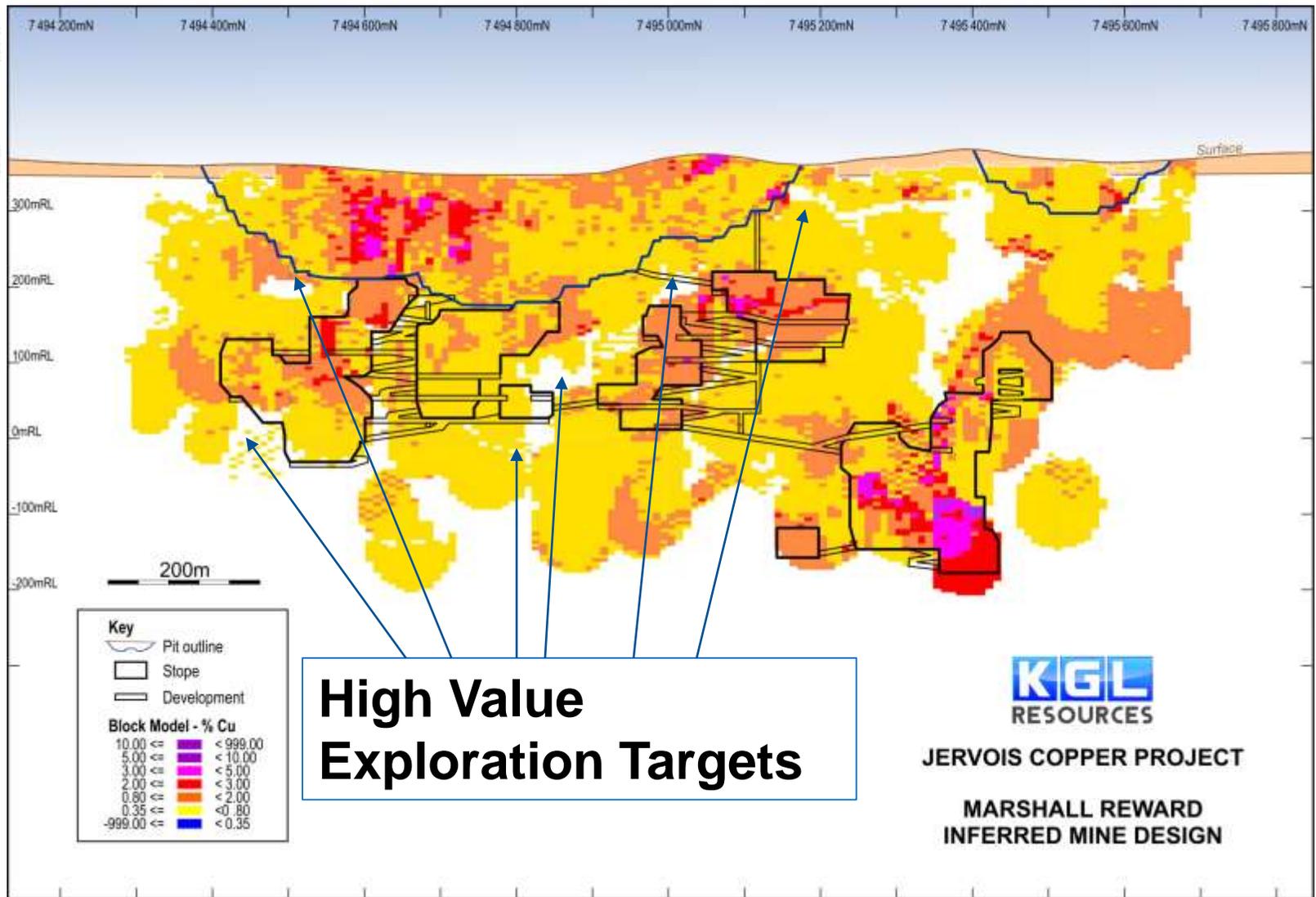
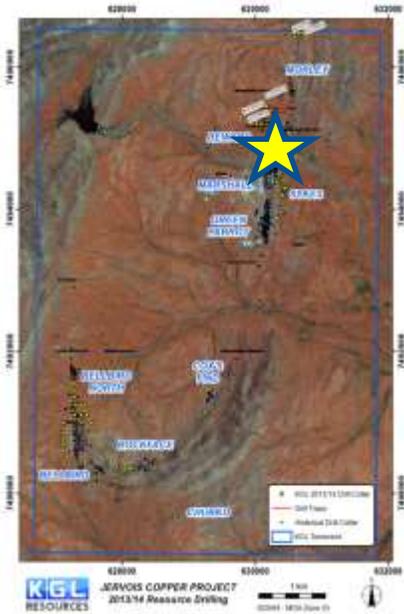
## 2. Metallurgical Test work

Metallurgy test work designed to achieve the following:-

- Increase the gold and silver recoveries
- Increase the recovery of copper in the transitional zone
- Test the production of a mixed lead and zinc concentrate



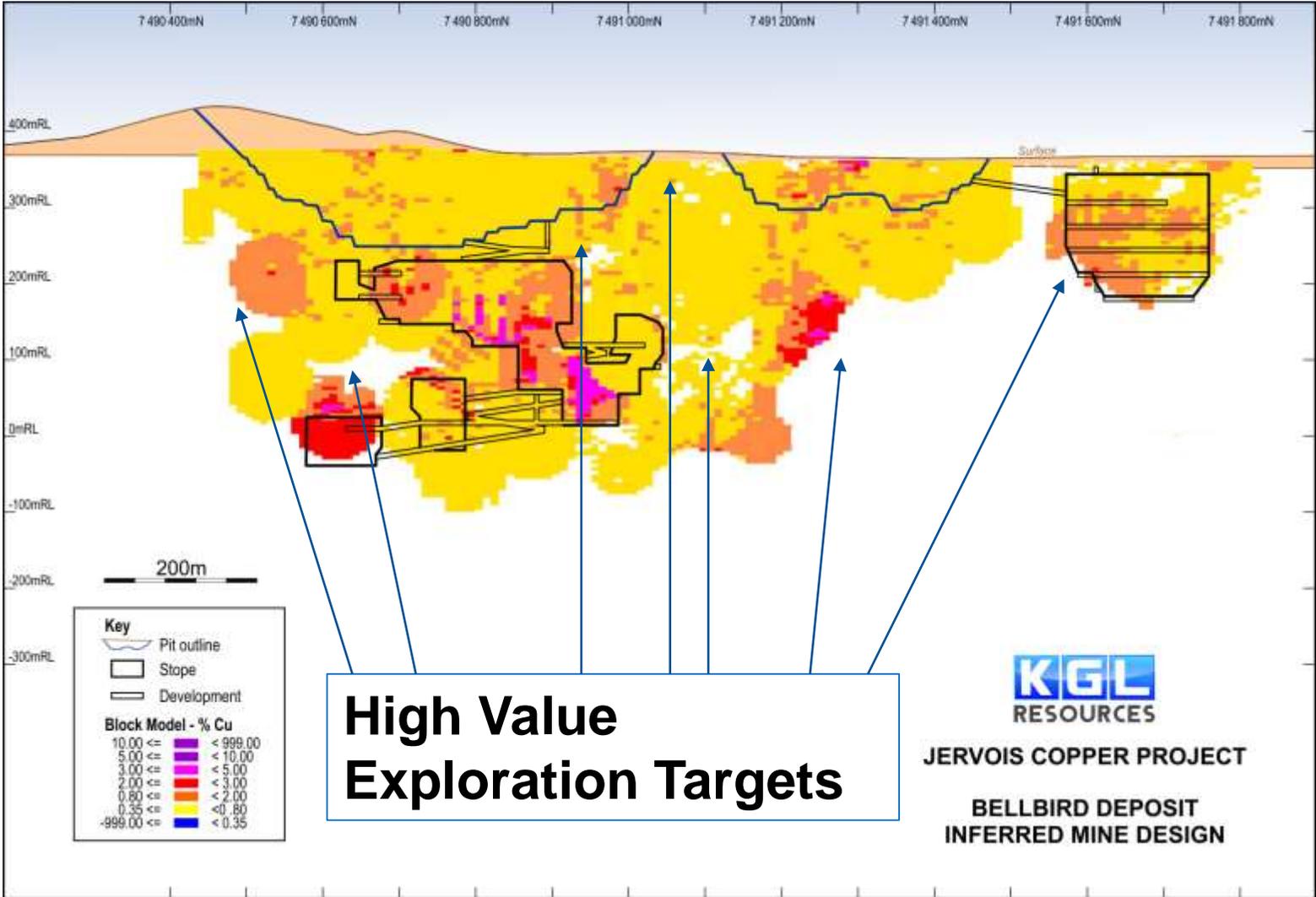
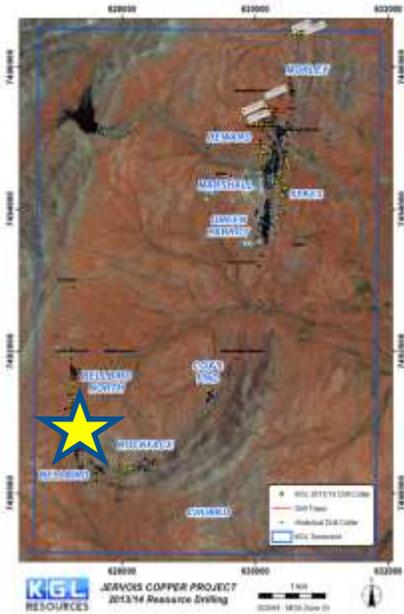
# 3. Resource Drilling



**High Value Exploration Targets**

**KGL RESOURCES**  
**JERVOIS COPPER PROJECT**  
**MARSHALL REWARD**  
**INFERRED MINE DESIGN**

# 3. Resource Drilling



## 4. Operating Costs

- Going to tender for open pit and underground mining costs
- Cheaper fuel price will result in substantial cost reduction of transport, mining and power

## Schedule

- 1,200m Diamond Core Geotechnical Drilling Completed in March 2015
- 9,000m Resource Drilling Programme Commenced February 2015
- Metallurgical Test work – Nearing Completion
- Resource update scheduled for June 15
- Updated PFS September 15

## For more information contact

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**Forward-Looking Statements:**

This presentation includes certain “Forward-Looking Statements”. All statements, other than statements of historical fact, included herein, including without limitation, statements regarding forecast cash flows and potential mineralisation, resources and reserves, exploration results and future expansion plans and development objectives of KGL Resources are forward-looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements.

# Mineral Resources

Jervois Copper Resources	Category	Tonnes Mt	Copper %	Silver g/t	Lead %	Zinc %	Copper kt	Silver Moz	Lead kt	Zinc kt	Cut-off Cu%
Marshall Copper	Indicated	1.2	1.52	38.7			18	1.5			0.5
	Inferred	0.4	1.18	26.2			5	0.3			0.5
Reward Copper	Indicated	3.7	1.11	24.8			41	3.0			0.5
	Inferred	6.8	1.08	26.5			73	5.8			0.5
East Reward	Inferred	2.3	1.01	8.3			23	0.6			0.5
Bellbird	Indicated	3.2	1.21	7.8			39	0.8			0.5
	Inferred	4.0	1.25	7.8			50	1.0			0.5
Cox's Find	Inferred	0.7	0.87	2.8			6	0.1			0.5
Rock Face	Inferred	0.7	0.82	3.1			6	0.1			0.5
Green Parrot Cu	Inferred	0.2	1.49	44.3			3	0.3			0.5
TOTAL	Indicated	8.1	1.21	20.1			98	5.3			
	Inferred	15.0	1.10	16.9			165	8.2			
	TOTAL	23.2	1.14	18.0			263	13.4			

Jervois Lead/Zinc Resources	Category	Tonnes Mt	Copper %	Silver g/t	Lead %	Zinc %	Copper kt	Silver Moz	Lead kt	Zinc kt	Cut-off Cu%
Marshall-Reward Lead/Zinc	Indicated	0.3	0.71	63.7	6.33	0.94	2	0.6	18	3	None
	Inferred	0.5	0.58	75.7	7.09	1.18	3	1.3	38	6	None
Green Parrot Pb	Inferred	0.9	0.90	85.3	1.91	1.21	8	2.3	16	10	0.3
Bellbird North	Inferred	0.5	0.65	21.3	2.30	3.38	3	0.3	11	17	0.2
TOTAL	Indicated	0.3	0.71	63.7	6.33	0.94	2	0.6	18	3	
	Inferred	1.9	0.75	65.9	3.49	1.76	14	4.0	66	33	
	TOTAL	2.2	0.74	65.6	3.87	1.65	16	4.6	84	36	

2014 Combined	TOTAL	25.3
2012 Combined	TOTAL	13.7
2014/2012	% Variance	85%

280	18.0	84	36
170	11.2	26	22
64%	61%	225%	63%

# Compliance Statement

- The Jervois Resources information was first released to the market on 15 September 2014 and complies with JORC 2012. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement 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 announcement.’
- The following drill holes were originally reported on the date indicated and using the JORC code specified in the table. Results reported under JORC 2004 have not been updated to comply with JORC 2012 on the basis that the information has not materially changed since it was last reported.

Hole		Date originally Reported	JORC Reported Under
KJD	010W1	15/01/2015	2012