

RICHMOND MINING LIMITED ACN 123 423 987



24 January 2012

## **BUENA VISTA IRON PROJECT - EXPLORATION UPDATE**

## HIGHLIGHTS

- Review of historical drilling at the Section 5 target indicates potential for additional resources and higher grade magnetite mineralisation at Buena Vista.
- Spectacular total iron values over considerable vertical distances with numerous assays of over 50% Fe reported at Section 5.
- Review of historic drill data over Section 5 is continuing and data complilation of other significant historical magnetite occurrences at Buena Vista has commenced.

A review of historical drilling data over the Section 5 target at Buena Vista has commenced and early results have highlighted the potential for additions to the resources at Buena Vista as well as higher grade magnetite mineralisation.

Four holes from the Southern Pacific 17 hole drilling programme have been reviewed to date and all demonstrate wide widths of magnetite mineralisation, with in many cases individual assays grading +30% total Fe and as high as +50% total Fe.

Hole	Easting	Northing	From	То	Interval	Total Fe
SP 06	611 180 ft	190 3040 ft	46.7 ft	210.0 ft	163.3 ft (49.8m)	33.4%
			245 ft	440.0 ft (EOH)	195.0 ft (59.4m)	32.6%
SP 07	611 290 ft	190 3070 ft	39.9 ft	560.0 ft (EOH)	520.1 ft (158.5m)	21.9%
SP 11	611 100 ft	190 3440 ft	73.5 ft	301.2 ft	227.7 ft (69.4m)	24.6%
SP 17	611 330 ft	190 2900 ft	50.0 ft	195.0 ft	145.0 ft (44.2m)	31.3%
			325 ft	500.0 ft (EOH)	175.0 ft (53.3m)	26.6%

Note: The majority of the sample intervals were 5ft (1.5m). Drill holes were vertical diamond holes. A nominal cut-off of 15% total Fe has been used to determine the bulk intervals.

The feasibility study for Buena Vista was completed over the West Deposit for a base case of ten years of operation producing an average of 1.75 Mtpa of high grade (+67.5% Fe) magnetite concentrate.

The existing JORC resources and clear potential of targets such as Section 5 support Richmond's expectations that the operational life at Buena Vista could reach or exceed 20 years.

Analysis of additional results from the historic Section 5 drilling will be reported after the review is completed.

## Background

Historical magnetic surveys and drilling completed at Buena Vista by Southern Pacific Company, Columbia Iron Mines and US Steel between about 1957 and 1979 identified numerous zones of potentially economic magnetite mineralisation.

The largest and most significant of these zones, referred to as the West Deposit, has been further investigated by Richmond. During 2010 and 2011, Richmond completed a series of check diamond drill holes, detailed assaying and extensive metallurgical testwork to establish an Indicated Mineral Resource of 88,700,000 tonnes of magnetite containing an average of 20.4% total iron.

Work has also commenced on examining a number of the other significant historical magnetite occurrences at Buena Vista, with initial focus on the South Central, Section 5 and Iron Point targets (Figure 1).





The Section 5 target was initially delineated as a relatively intense magnetic anomaly and Southern Pacific Company drilled a number of, mostly vertical, diamond holes.

The historical drilling data that is available over these target areas is being progressively gathered and digitally captured in preparation for preliminary modelling. Because of the age of the data (some drilling dating back to the late 1950's), much is unfortunately missing or poorly documented. As a consequence, no attempt will be made to establish a JORC mineral resource at this stage.

Max Nind Managing Director

## Competent Persons Statements

The information in this presentation that relates to, resources is based on information compiled by Dr Vernon StockImayer who is a Member of the Australian Institute of Geoscientists. Dr StockImayer is an independent consultant to Richmond Mining Limited. All other discussion is based on information compiled by Mr Howard Dawson and Mr Max Nind; who are Members of the Australian Institute of Geoscientists. Mr Dawson, Chairman, and Mr Nind, Managing Director, are representatives of Richmond Mining Limited. Mr Dawson, Dr StockImayer and Mr Nind have sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity to which they are undertaking 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 Dawson, Dr StockImayer and Mr Nind consent to the inclusion in the report of the matters based on the information in the form and context in which it appears.