

BULK SAMPLING AT SIXTY SIXER

Highlights

- Bulk sampling program completed across three sites at Sixty Sixer manganese deposit
- Program focused on higher-grade outcropping supergene / lateritic manganese zones
- Approximately 15 tonnes collected for large scale ore sorting trials
- Further bulk sampling planned for Karen prospect in December
 - Sampling will also focus on the recently identified high-grade supergene zone
- Bulk sampling programs form a critical part of the Oakover Rapid Development Program

Firebird Metals Limited (ASX: FRB, “Firebird” or “the Company”) is pleased to announce stage one completion of its bulk sampling program at the Sixty Sixer manganese deposit. Sixty Sixer forms part of the Company’s flagship Oakover Project, which holds an Existing 2012 JORC Inferred Resource of 64Mt at 10% Mn.

Bulk samples were taken from the outcropping supergene / lateritic manganese zones, which is typically of higher grade than the underlying manganiferous shale at Sixty Sixer. The samples were taken adjacent to three historical reverse circulation percussion (RCP) holes, being OKRC 135, OKRC 168 and OKRC 177, drilled in 2011 and previously reported. The assay results from the selected RCP are included below.

		Hole_ID					
		OKRC135		OKRC168		OKRC177	
From (m)	To (m)	Sample ID	Mn %	Sample ID	Mn %	Sample ID	Mn %
0	1	BRC007561	15.2	BRC010334	23.6	BRC011052	6.7
1	2	BRC007562	17.7	BRC010335	31.5	BRC011053	16.5
2	3	BRC007563	14.8	BRC010336	31.5	BRC011054	17.5
3	4	BRC007564	15.1	BRC010337	27.9	BRC011055	19.8

Table 1: Assay results for sampling holes OKRC 135, 168 and 177

Approximately 15 tonnes of material was collected across three sites and loaded bulk bags from Sixty Sixer are in the process of being shipped to Perth.

The samples from the Sixty Sixer and Karen prospects will be used for planned large scale ore sorting trials in first quarter of 2022. Karen shares similar geological characteristics as Sixty Sixer, with the upcoming bulk sampling program at Karen also targeting the higher-grade supergene zone. Completion of sampling is expected during December.

Completion of bulk sampling and ore sorting are critical workstreams of the Company's Rapid Development Program, which is focused on evaluating speed-to-market opportunities targeting initial production through Direct Shipping Ore and relevant processing options, to deliver early cash flow through sales to the steel industry.

Commenting on the progress of bulk sampling programs at Oakover, Firebird Managing Director Mr Peter Allen said: *"Our primary focus is to ensure the Oakover Project is well-positioned to supply into growing manganese markets, with strong demand forecasted from the battery minerals and infrastructure (steel) markets."*

"The Sixty Sixer and Karen high-grade supergene zones are both great opportunities to assess DSO and ore blending possibilities, adding to Firebird's excellent development optionality."

"I am very proud of the efforts of all staff and contractors since listing earlier this year and we will focus on finishing the year in a strong manner, as we receive and assess assay results from the recently completed drill program, continue with metallurgical and ore sorting test work and establish a maiden MRE at Hill 616."

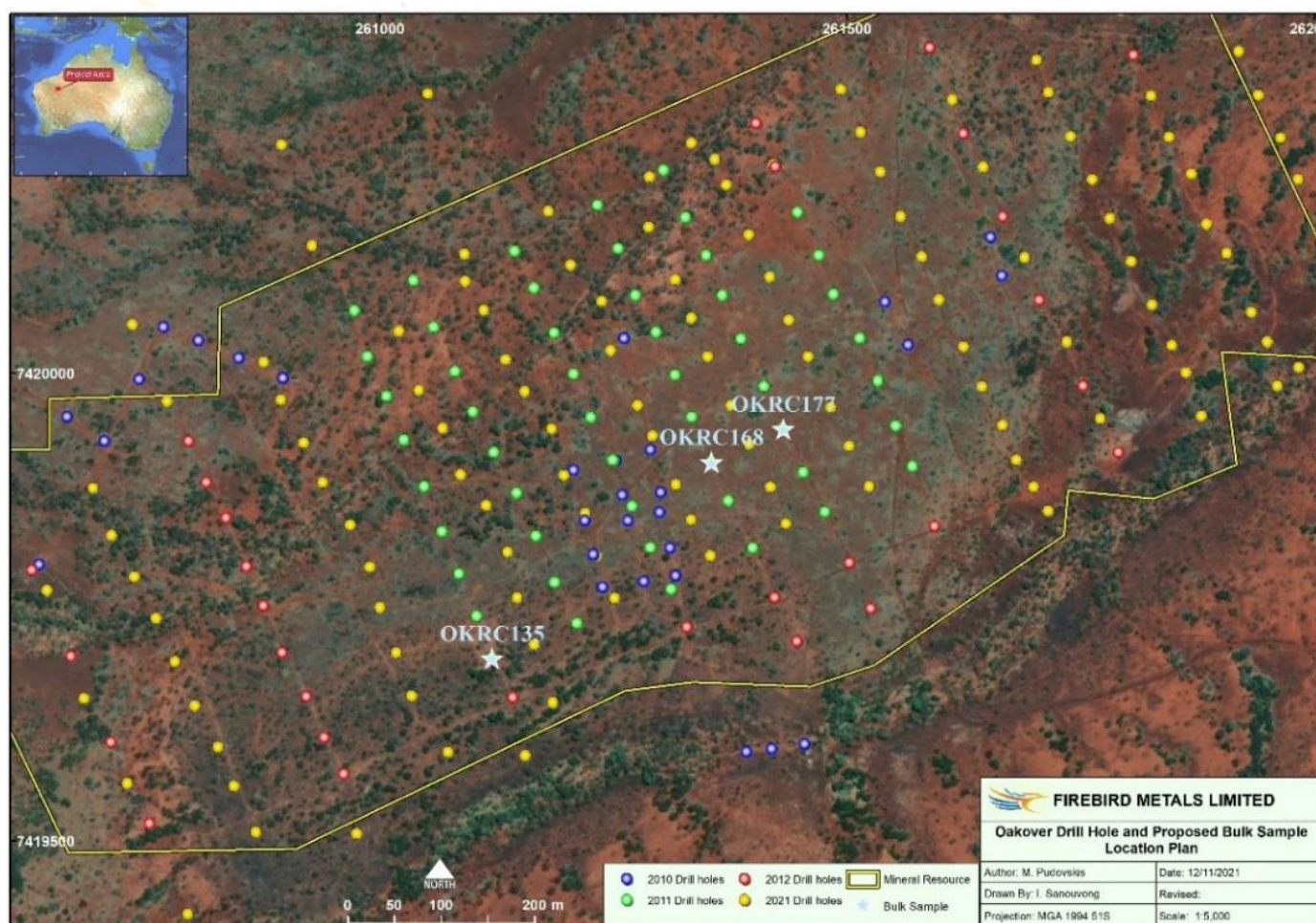


Image 1: Location of bulk sample sites



Image 2: Mn outcropping at bulk sample location



Image 3: loaded bulk bags awaiting transport to Perth

-ENDS-

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About Firebird Metals Limited

FRB is an exploration and development company that owns 100% of three highly prospective manganese projects in the renowned East Pilbara manganese province of Western Australia:

- Oakover Project - Inferred JORC 2012 Mineral Resource estimate of 64 Mt @ 10% Mn
- Hill 616 Manganese Project - >3,500 metres drilled along strike length of 2.6km
- Disraeli Manganese Project - potential Woodie Woodie style mineralisation

The Company's primary focus will be on the flagship Oakover Project which is located 85 km east of Newman and covers approximately 360 km². Oakover has an Inferred Mineral Resource estimate of 64Mt at 10% Mn (reported in accordance with the JORC Code 2012(H&SC Consultants, August 2012) at the Sixty Sixer and JayEye prospects.

The Inferred Mineral Resource estimate combined with historical exploration work provides a solid technical foundation for further development, with the company planning to complete additional infill and extensional drilling in conjunction with modern metallurgical test work utilising lower cost DMS and ore sorting techniques to deliver marketable manganese products to the global steel and battery markets.

Competent Persons Statement

The information in this Report that relates to Exploration Results and Mineral Resources of the Company is based on, and fairly represents, information and supporting documentation that has been reviewed and prepared by Robert Wason, who is a Senior Consultant - Geology at Mining Insights Pty Ltd and is a member of AusIMM.

Mr. Wason has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity, which they are undertaking to qualify as an Expert and Competent Person as defined under the VALMIN Code and in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' ("JORC Code 2012"). Mr. Wason consents to the inclusion in this announcement of the matters based on the information in the form and context in which they appear.

The information in this announcement that relates to Exploration Results is extracted from the Company's Prospectus dated 16th of March 2021 which contained the Independent Geologist Report.

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, in the case of estimates of Mineral Resources or Ore Reserves, 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.