



Mineral Resources Limited (ASX:MIN)

Integrated Mining Services

Quarter 1, 2014 Mining Activities Report

QUARTERLY HIGHLIGHTS

EXPORT VOLUME GROWTH

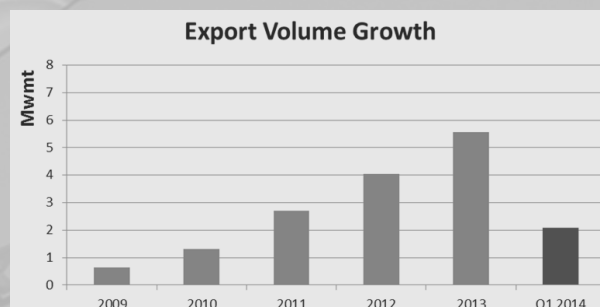
⇒ 2.093Mwmt of iron ore exported for the quarter, an increase of 29.5% over the previous quarter and 43% over the previous corresponding quarter (Q1 2013).

Tonnes Shipped	Q4 13	Q1 14	Change	
	wmt (000s)	wmt (000s)	wmt (000s)	%
Mines				
Phil's Creek	373	600	227	60.9%
Spinifex Ridge*	0	249	249	-
Poondano and Other*	189	150	(39)	(20.6)%
Carina	1,054	1,094	40	3.8%
Total	1,616	2,093	478	29.5%

*Reported as Mining Services Segment in Financial Reports

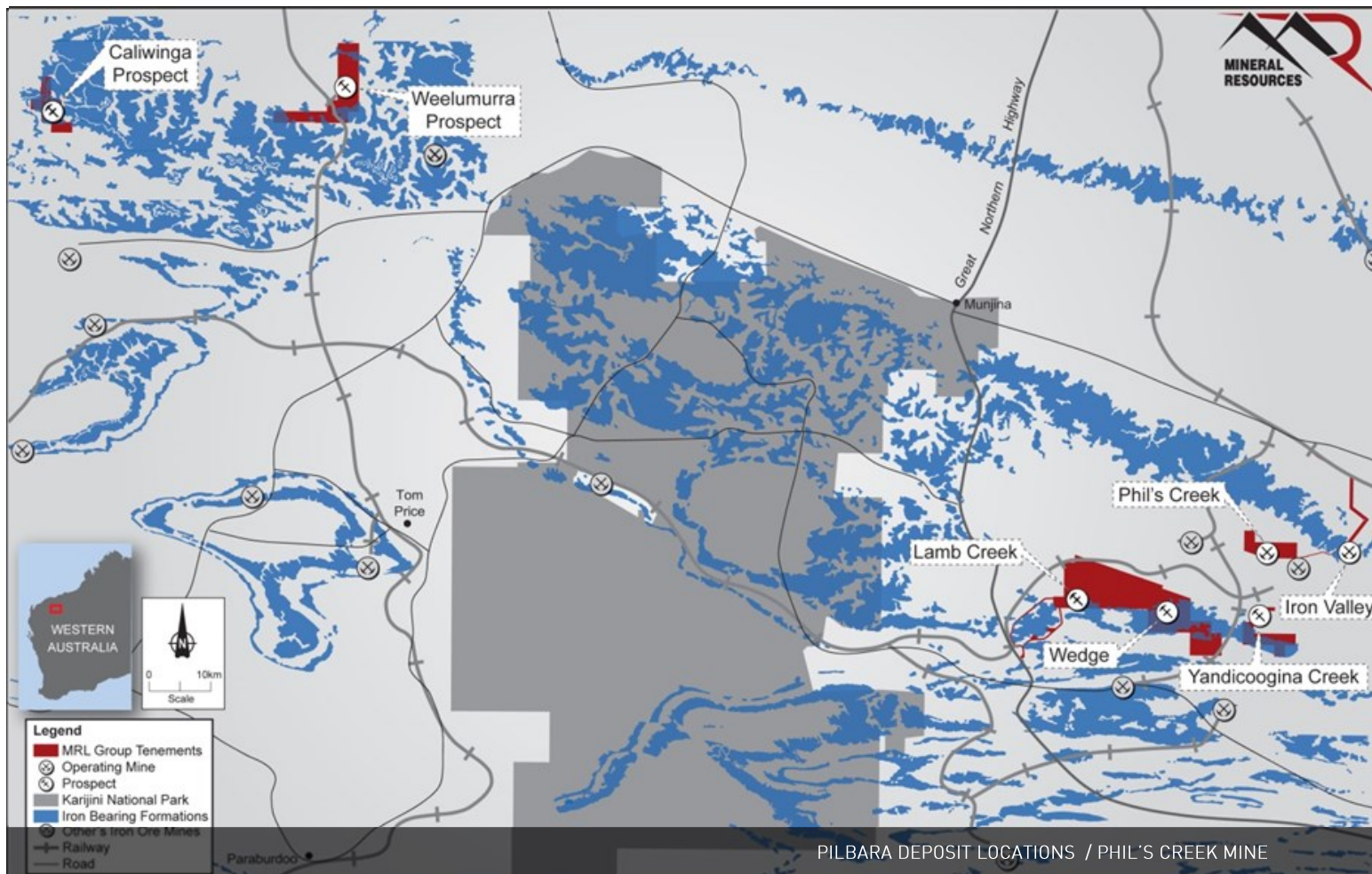
MINING

- ⇒ Phil's Creek Haul Road construction completed
- ⇒ Spinifex Ridge integrated into logistics chain and product mix
- ⇒ Record production achieved again at Carina



EXPLORATION

- ⇒ Infill drilling at Iron Valley underway
- ⇒ Iron targets identified at Evanston project area
- ⇒ Mine development and environmental surveys at J4 progressing



IRON ORE MINING

PHIL'S CREEK IRON ORE MINE

Phil's Creek operations crushed 783,811 wmt during the quarter. The process plant stacker was upgraded to increase its storage capacity and to improve stock handling efficiencies.

The mining operations are progressing as planned and night shift operations commenced during the quarter.

On 10 October, the permanent haul road was opened which has allowed haulage to increase to the planned rates.

NEW PILBARA MINES

MRL has completed mine gate sale arrangements with Iron Ore Holdings to develop the Iron Valley Mine and with Moly Mines to operate the Spinifex Ridge Mine. The Spinifex Ridge Mine was successfully integrated into MRL's product blend during the quarter. Preparations continue for the construction and ramp up of the Iron Valley Mine with approval processes well advanced.



CARINA PIT DEVELOPMENT



IRON ORE MINING

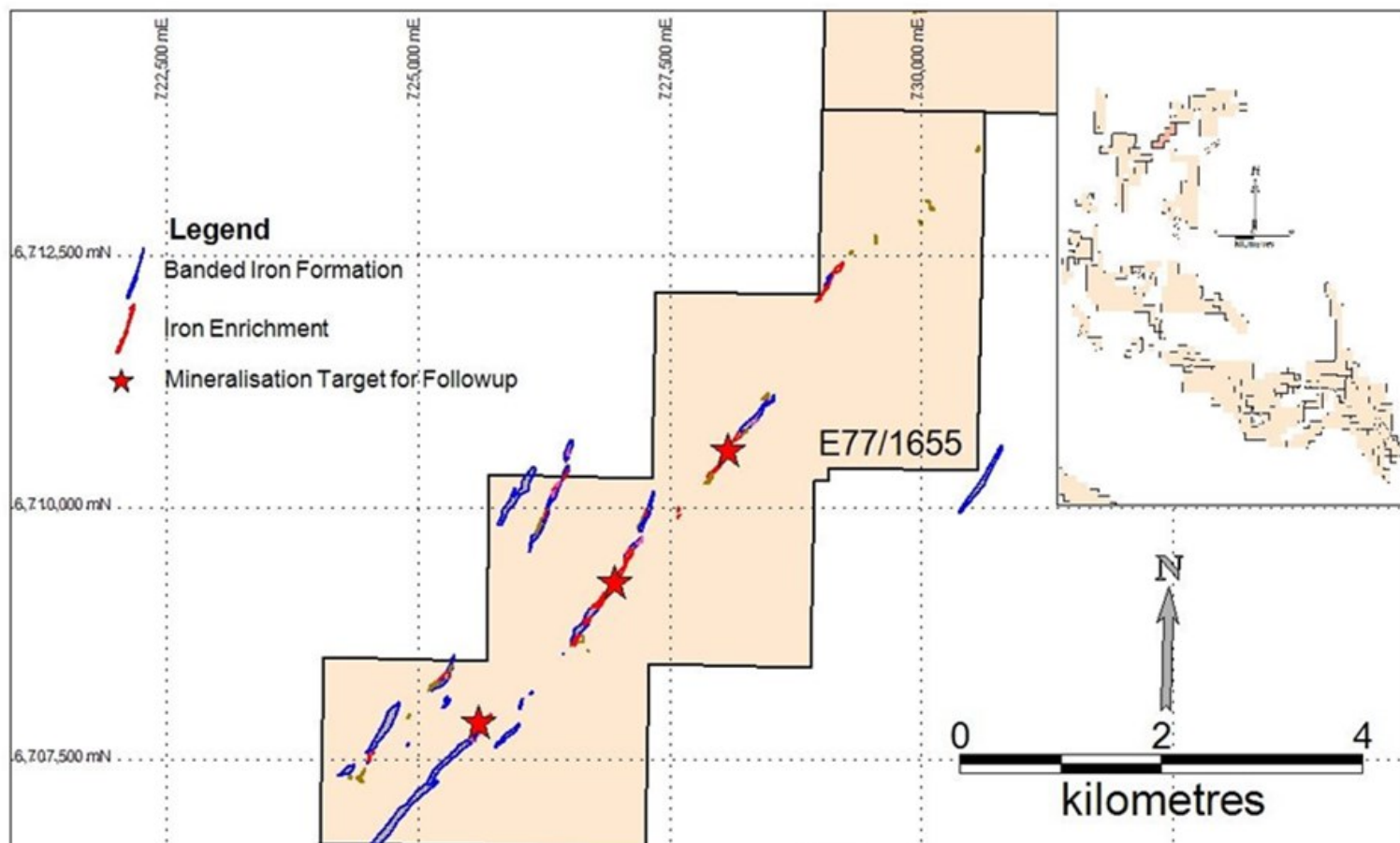
CARINA IRON ORE MINE

Iron Ore shipped for the September quarter was a record 1,094,111 wmt (a 3.8% increase on the previous record quarter) with 23 vessels being loaded at Kwinana Berth.

Rail had another record quarter with a 9.9% increase in railed tonnes over the previous quarter. 1,172,650 wmt was railed over the period. This is equivalent to a 4.7 mtpa rate.

Ore supply from the Carina Pit remains steady with double stacking occurring on the ROM stockpiles to maintain pit production. DMP and EPA approvals were received subsequent to the quarter end which will allow progression of the planned cut back.

With healthy Port stockpiles at the end of the September quarter, shipping performance is expected to meet ongoing expectations. To facilitate further growth and efficiencies in our existing logistics system, Polaris is having additional rail wagons manufactured in China which are expected to be delivered in tranches from Q4 2014.



EVANSTON PROJECT REGIONAL TARGETS

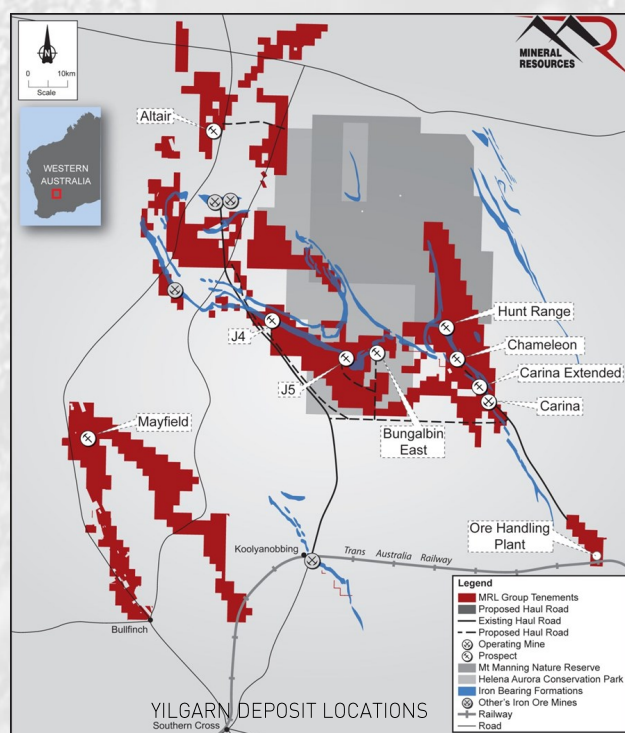
MINERALS EXPLORATION

YILGARN EXPLORATION

During the quarter metallurgical work proceeded on the diamond drill core obtained from J4 and Chameleon, and planning of the J4 geotechnical diamond drilling program was finalised. Waste characterisation work was undertaken at J4.

Heritage and environmental surveys of the mining leases and haul road corridors for J4 and Chameleon are well advanced.

In the break between drilling programs the exploration team continued regional exploration in the Jackson North, Johnston Range and Evanston Projects. Three targets have been identified for further work (shown above).





IRON VALLEY DRILLING



MINERALS EXPLORATION

PILBARA EXPLORATION

Infill drilling commenced at Iron Valley with 109 holes for 6310 metres. Drilling is continuing and will shift to the Wedge prospect during the December quarter.

MINING TENEMENTS

POLARIS METALS N/L

APPLICATIONS			
E59/1990-I	5/07/2013		Yalgoo
E77/2146	22/08/2013	Replacing RE77/1373-1765-1390-1964	Bullfinch
E77/2148-I	23/08/2013		Yilgarn Iron Ore
P77/4234	22/08/2013	Replacing RP77/3626	Bullfinch
E77/2150-I	30/08/2013		Windarling Peak
L45/356	5/09/2013		Poondano
L45/357	6/09/2013		Poondano
E77/2154-I	19/09/2013		Windarling Peak
GRANTED			
L45/330	6/08/2013		Poondano
E47/2682	28/08/2013	Replacing RE47/1558(p)	Caliwanga
E16/451-I	9/09/2013		Yilgarn I.O. Stage 1
E47/2683	11/09/2013	Replacing RE47/1558(p)	Caliwanga

RELINQUISHED			
Amalgamated			
P77/3871-I	23/09/2013	AE77/842	Yilgarn Iron Ore
P77/3872-I	23/09/2013	AE77/842	Yilgarn Iron Ore
P77/3884-I	23/09/2013	AE77/842	Yilgarn Iron Ore
P77/3885-I	23/09/2013	AE77/842	Yilgarn Iron Ore
P77/3886-I	23/09/2013	AE77/842	Yilgarn Iron Ore
P77/3887-I	23/09/2013	AE77/842	Yilgarn Iron Ore
P77/3947-I	23/09/2013	AE77/947	Yilgarn I.O. Stage 1
P77/3952-I	23/09/2013	AE77/919	Yilgarn Iron Ore
P77/3969-I	23/09/2013	AE77/947	Yilgarn I.O. Stage 1
P77/3985-I	23/09/2013	AE77/947	Yilgarn I.O. Stage 1
P77/3986-I	23/09/2013	AE77/947	Yilgarn I.O. Stage 1
RELINQUISHED			
Relinquished (3-RS)			
E77/1373	22/08/2013	Affecting Fe rights (E77/2146)	Bullfinch
E77/1390	22/08/2013	Affecting Fe rights (E77/2146)	Bullfinch
E77/1765-I	22/08/2013	Affecting Fe rights (E77/2146)	Bullfinch
E77/1964-I	22/08/2013	Affecting Fe rights (E77/2146)	Bullfinch
M77/1089	22/08/2013	Affecting Fe rights (E77/2146)	Bullfinch
M77/1094	22/08/2013	Affecting Fe rights (E77/2146)	Bullfinch
M77/1101	22/08/2013	Affecting Fe rights (E77/2146)	Bullfinch
M77/123	22/08/2013	Affecting Fe rights (E77/2146)	Bullfinch
P77/3625	22/08/2013	Affecting Fe rights (E77/2146)	Bullfinch
P77/3626	22/08/2013	Affecting Fe rights (E77/2146 & P77/3626)	Bullfinch
P77/3626	22/08/2013	Affecting Fe rights (E77/2146)	Bullfinch
P77/3627	22/08/2013	Affecting Fe rights (E77/2146)	Bullfinch
Application Withdrawn			
E08/2460-I	13/09/2013	5th place in ballot	Mt Wall

MINING TENEMENTS

PROCESS MINERAL P/L

GRANTED			
P46/1807	9/08/2013		Christmas Creek

RELINQUISHED			
Withdrawn from Project			
M74/162	6/08/2013	Affecting Fe / Mn rights	Mt Chester
P74/260	6/08/2013	Affecting Fe / Mn rights	Mt Chester
E74/399	6/08/2013	Affecting Fe / Mn rights	Mt Chester
E74/406	6/08/2013	Affecting Fe / Mn rights	Mt Chester
P74/259	6/08/2013	Affecting Fe / Mn rights	Mt Chester
P74/304	6/08/2013	Affecting Fe / Mn rights	Mt Chester
P74/305	6/08/2013	Affecting Fe / Mn rights	Mt Chester
P74/306	6/08/2013	Affecting Fe / Mn rights	Mt Chester
M74/163	6/08/2013	Affecting Fe / Mn rights	Mt Chester

COMPETENT PERSON'S STATEMENT

The information in this report that relates to Exploration Results is based on information compiled by Sean Gregory who is a full time employee of MRL. Mr Gregory is a Member of The Australasian Institute of Mining and Metallurgy and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is 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'. The Competent Person consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.