

31 JANUARY 2024

## Q2 FY2024 Quarterly Activities Report

Jupiter Mines Limited (ASX: JMS) (**Jupiter** or the **Company**), and together with its subsidiaries, the **Group**, is pleased to provide the following activities report for the quarter ended 31 December 2023.

### Tshipi Highlights

Record production quarter. Sales lower following a strong Q1 sales quarter, in line with expectations for the financial year

Sales of 764,162 tonnes (18% decrease on previous quarter, 10% decrease on prior year corresponding period ("PCP"))

Production of 1,015,633 tonnes (29% increase on previous quarter, 26% increase on PCP)

Cost of production US\$2.00 per dmtu FOB (3% increase on previous quarter, 6% decrease on PCP)

Two LTIs in the quarter, TRIFR at 0.30 (last quarter: 0.24)

Investor call on Wednesday 31 January 2024 at 10:00am (AWST) / 1:00pm (AEDT)

All Tshipi information is reported on a 100% basis (not based on Jupiter's 49.9% economic interest). References to quarterly periods for FY2023 are for the quarters ending 30 September, 31 December, 31 March and 30 June.

### TSHIPI MANGANESE MINE

Jupiter has a 49.9% beneficial interest in Tshipi é Ntle Manganese Mining Proprietary Limited (**Tshipi**), which operates the Tshipi Manganese Mine in the Kalahari Manganese Field.

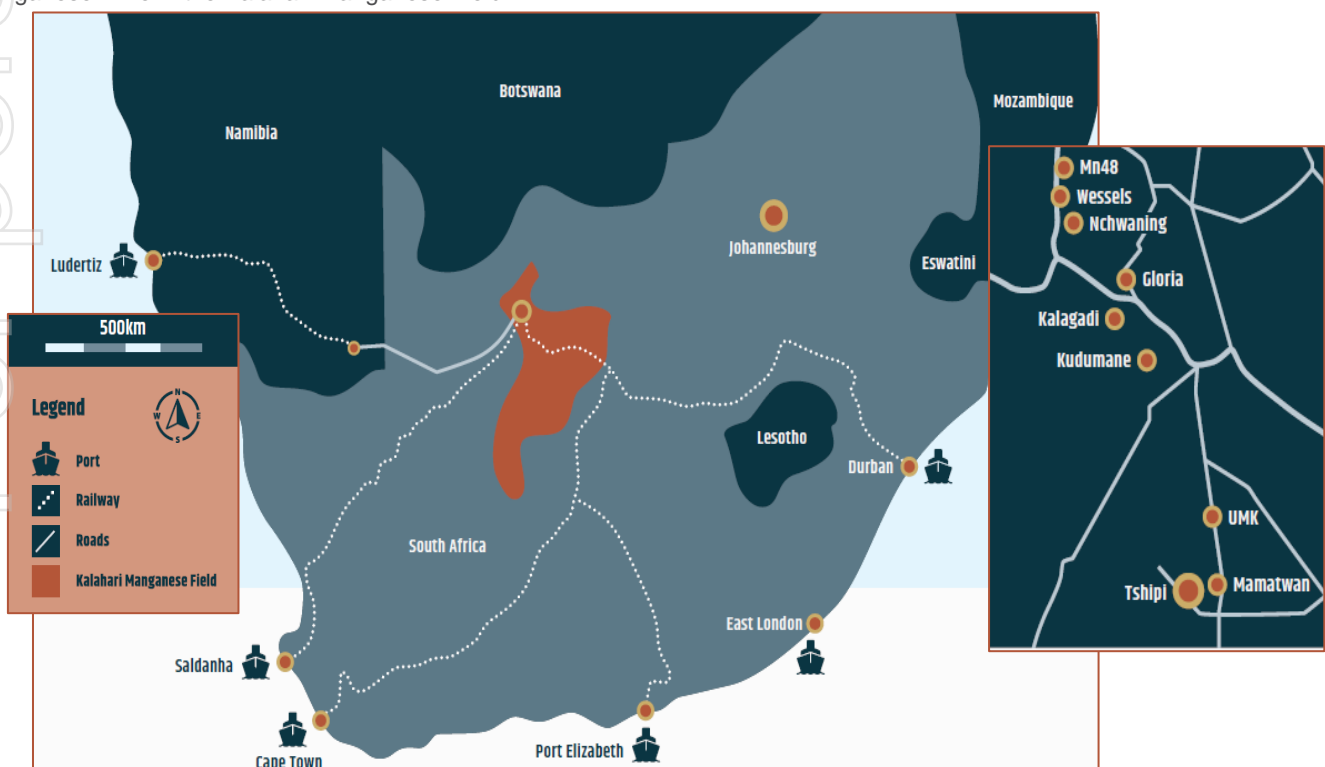


Figure 1: Tshipi Manganese Mine, regional rail and port locations, and other Kalahari manganese mines.

Key production, sales and financial information for Tshipi for the quarter ended 31 December 2023 and comparatives are presented below.

Key Statistic	Unit	Q2 FY2024	Q1 FY2024	YTD FY2024	Q2 FY2023
Production	Tonnes	1,015,633	786,308	1,801,941	808,532
Sales (including mine gate sales)	Tonnes	764,162	928,361	1,692,523	849,835
Average CIF price achieved (HGL) for sales concluded on a CIF basis (see note 1)	US\$/dmtu	3.47	3.64	3.56	4.13
Average FOB price achieved (HGL) for sales concluded on an FOB basis (see note 1)	US\$/dmtu	2.89	2.91	2.90	2.97
Average FOB cost of production (HGL)	US\$/dmtu	2.00	1.95	2.01	2.13
Earnings before interest, tax & depreciation (EBITDA)	A\$ million	13.0	32.7	45.7	33.5
Net profit after tax (NPAT)	A\$ million	10.2	22.2	32.4	20.5
Cash at bank	A\$ million	92.6	128.3	92.6	137.9

## Note 1

Tshipi sells most of its ore on a CIF basis.

In the December 2023 quarter, a total of 488,590 tonnes were sold on a CIF basis (64% of all tonnes) and 136,091 tonnes were sold on an FOB basis (18% of all tonnes). The remaining sales (18% of all tonnes) were executed on a mine gate sales basis.

## SAFETY AND ENVIRONMENT

Tshipi recorded two lost time injuries ("LTIs") during the quarter (both non-life threatening). TRIFR increased to 0.30 for the quarter (previous quarter 0.24).

## MINING AND PRODUCTION

	Unit	Q2 FY2024	Q1 FY2024	YTD FY2024	Q2 FY2023
Mined volume					
• Waste and low grade ore	bcm	3,091,027	3,475,354	6,566,381	1,954,495
• Graded ore	bcm	180,837	179,172	360,009	276,657
<b>Total</b>		<b>3,271,864</b>	<b>3,654,526</b>	<b>6,926,390</b>	<b>2,231,152</b>
Production					
• High grade	Tonnes	815,689	662,009	1,477,698	808,532
• Low grade	Tonnes	199,944	124,299	324,243	-
<b>Total</b>		<b>1,015,633</b>	<b>786,308</b>	<b>1,801,941</b>	<b>808,532</b>
Average FOB cost of production (HGL)	US\$/dmtu	2.00	1.95	2.01	2.13

Waste mining was down 11% from the previous quarter, mainly due to labour availability over the Christmas period and production hours lost to extreme weather, with the bulk of the rainy season occurring during the quarter and continuing until February 2024. Graded ore production was in line with the previous quarter.

Production volumes significantly increased during the quarter, with Tshipi achieving processing records during this period. Tshipi held healthy stockpiles of all products at the end of December 2023.

**LOGISTICS AND SALES**

	Unit	Q2 FY2024	Q1 FY2024	YTD FY2024	Q2 FY2023
On-land logistics	Tonnes	585,071	929,135	1,514,206	765,025
Sales					
• Shipped	Tonnes	624,681	893,948	1,518,629	849,835
• Mine gate sales (LG)	Tonnes	139,481	34,413	173,894	-
<b>Total</b>		<b>764,162</b>	<b>928,361</b>	<b>1,692,523</b>	<b>849,835</b>
Average CIF price achieved (HGL)	US\$/dmtu	3.47	3.64	3.56	4.13
Average FOB price achieved (HGL)	US\$/dmtu	2.89	2.91	2.90	2.97

South African road volumes remained subdued due to market conditions and the opportunity to increase rail volumes.

Rail volumes during the quarter were impacted by derailments on the Saldanha and Port Elizabeth corridors. Tshipi completed the shipment of its first vessel through East London in October 2023, with further volumes in November and December 2023.

Sales volumes moderated in the quarter. This was mainly a function of timing, with very strong sales volumes seen in the first quarter of the financial year and a stronger sales quarter expected in the third quarter. Two shipments that were expected to have occurred in December 2023 “rolled into” January 2024, from a timing of activity perspective.

As a result, sales volumes remain on track for the financial year.

**CORPORATE AND FINANCIAL**

Tshipi recorded an EBITDA of A\$13.0 million and NPAT of A\$10.2 million for the quarter, a decrease on the previous quarter (A\$32.7 million and A\$22.2 million, respectively). The reduction was mainly due to reduced sales compared to the preceding quarter, as well as lower market prices for manganese ore.

## MARKETING AND MARKET OUTLOOK

### JUPITER MARKETING

Sales and financial information for Jupiter's marketing entity for the quarter ended 31 December 2023, as well as comparatives, are presented below.

It should be noted that the prices shown below relate to the prices realised by Jupiter's marketing team for the 49.9% share of Tshipi sales that are marketed by Jupiter.

Jupiter Marketing Outcomes	Unit	Q2 FY2024	Q1 FY2024	YTD FY2024	Q2 FY2023
Sales	Tonnes	249,809	399,497	649,306	451,078
Average CIF price achieved (HGL) for sales concluded on a CIF basis	US\$/dm tu	3.65	3.66	3.66	4.13
Average FOB price achieved (HGL) for sales concluded on an FOB basis	US\$/dm tu	2.84	2.99	2.96	3.05
Marketing fee income	A\$ million	1.1	1.8	2.9	2.3
EBITDA	A\$ million	0.9	1.6	2.5	2.2
NPAT	A\$ million	0.6	1.3	1.9	1.5
Cash at bank	A\$ million	7.0	5.9	7.0	5.0

### MARKET COMMENTARY AND OUTLOOK

Global crude steel production decreased in the quarter, although a relatively stable global crude steel production was noted against the prior year corresponding period.

As reported by the World Steel Association, China maintained its crude steel production for calendar year 2023 compared to calendar year 2022, at 1,019 million tonnes. The Chinese economy reportedly met its annual growth target and expanded 5.2% in calendar year 2023, assisted by various stimulus measures introduced by the Chinese government during the year.

The struggling real estate sector and subdued consumer confidence, amongst other factors, remain prominent downside factors impacting the Chinese economy. Buoyant growth in crude steel production in India during 2023 continued through the quarter, with growth in construction and industrial production there.

Seaborne manganese ore prices moved within a narrow range in the quarter, as manganese ore port stock levels in China remained elevated and an oversupplied silicomanganese market placed pressure on alloy prices.

Manganese ore producers were negatively impacted by increasing ocean freight rates during the quarter due to factors impacting vessel availability, including increased demand from other bulk commodities and delays caused due to the drought stricken Panama Canal.

Manganese ore price support has commenced, related to a reduction in portside manganese ore stockpiles in China (11% lower at the end of January 2024, compared to a month earlier). This was due to lower exports from manganese ore producing countries to China as a result of factors including the low price environment, logistical disruptions and demand from other Asian countries. This reduction in manganese ore port stocks has further coincided with restocking activities by smelters ahead of the Lunar New Year holiday. It can also be noted that Chinese stocks are currently 19% lower than levels seen in the March 2023 quarter, when the FOB manganese ore price was 15% higher than the current price (noting that freight rates were 10% lower in the March 2023 quarter).

Key Market Prices	Unit	Today (end Jan 2024)	% Change	31 Dec 2023	31 Mar 2023
Mn Ore 37% FOB Port Elizabeth	US\$/dm tu	2.92	8%	2.71	3.36
Freight rate Port Elizabeth to Tianjin	US\$/dm tu	29.60	-2%	30.06	26.61
Total stock at Chinese Ports	'000 tonnes	4,886	-11%	5,483	6,013

Sources: Fastmarkets, Mysteel.

## CORPORATE

### CASH POSITION

A\$ million	Q2 FY2024	Q1 FY2024	Variance
Jupiter Mines	27,109,929	27,292,782	(182,853)
Tshipi (49.9% share)	46,225,746	64,040,802	(17,815,056)
<b>Total Attributable Cash</b>	<b>73,335,675</b>	<b>91,333,584</b>	<b>(17,997,909)</b>

The reduction in Tshipi cash for the quarter was due to timing (working capital) impacts as well as one off and occasional payments, per the detail below:

ZAR million	Q2 FY2024
Operating profit before working capital and capital expenditure	222.4
▪ Increase in manganese ore inventory and pre-stripping activity (working capital movement)	(321.3)
▪ Capital expenditure and other non-recurring payments (one off payments)	(126.5)
▪ Net accounts receivable movement (working capital movement)	(92.7)
▪ Tax and royalties – bi-annual payments (occasional payment)	(88.7)
<b>Net cash movement</b>	<b>(406.8)</b>
<b>Jupiter 49.9% share (including FX movement) (AUD)</b>	<b>(A\$17.8)</b>

## QUARTERLY CALL

Jupiter would like to invite all shareholders and market participants to join an investor call and question and answer session on Wednesday 31 January 2024 at 10:00am (AWST) / 1:00pm (AEDT).

Please register at the below link:

[Jupiter Investor Call – Registration Link](#)

The call will be recorded and available on the Company website after the call.

*This announcement has been authorised for release by the Board of Jupiter Mines Limited.*

### About Jupiter Mines Limited

Jupiter Mines Limited (ASX: JMS) is a pure-play manganese company listed on the ASX. Well-led and headquartered in Perth, Western Australia, Jupiter's core asset is a 49.9% stake in Tshipi é Ntle Manganese Mining, an independently operated and managed, black-empowered company that operates the Tshipi manganese mine in South Africa's Kalahari region.

Tshipi is one of the world's largest and lowest-cost manganese export operations and has been in production since 2012.

Jupiter has a track record of returning value to shareholders, including through regular dividends, and a strategy to grow its exposure to manganese, a key metal used in steel and – increasingly – in the renewable energy space.

For further information on Jupiter, visit [www.jupitermines.com](http://www.jupitermines.com).

## Notes

1. Dry Metric Tonne Unit (dmtu) is a "wet" metric tonne, adjusted for moisture content. For practical purposes, a "dry unit" can be taken as 10 kilograms per tonne of ore (or 1% of a tonne of ore). As an example, a price of US\$4 per dmtu could also be expressed as US\$400 per tonne of manganese ore *(therefore the second column, in the table below, multiplies the "dmtu" rates by 100 in each case, to determine the equivalent "per (wet) tonne" rate)*.

To determine actual revenue received per tonne of manganese ore, the "per tonne" rate must be multiplied by the percentage of manganese contained in that tonne of ore. Tshipi's main product (high grade lumpy) sells by reference to a 36.5% manganese index *(therefore the last column, in the table below, multiplies each "per tonne" rate by 36.5)*.

Conversion of Tshipi's Q2 FY2024 dmtu to tonnes and contained manganese tonnes (i.e. adjusted for moisture and manganese content) is shown below:

Q2 FY2024	US\$/dmtu	US\$/tonne	US\$/contained manganese tonne
Average CIF price achieved (HGL)	3.47	347.00	126.67
Average FOB price achieved (HGL)	2.89	289.00	105.49
Average FOB cost of production (HGL)	2.00	200.00	73.16

2. All amounts are in Australian Dollars unless otherwise defined. Tshipi and Jupiter's marketing entity report in South African Rand. Where necessary, figures have been converted using average exchange rates below for each relevant period except for cash which is converted at a month end exchange rate:

	US\$ / ZAR	A\$ / ZAR
Q2 FY2024	18.72	12.19
Q1 FY2024	18.63	12.19
Q4 FY2023	18.65	12.46
Q3 FY2023	17.74	12.12
Q2 FY2023	17.61	11.57
Q1 FY2023	17.01	11.62

3. All financial information presented in this report is provisional and unaudited.
4. The following abbreviations have been used through the report:

bcm	Bank cubic metre
CIF	Cost, insurance, freight
Dmt/dmtu	Dry metric tonne/dry metric tonne unit
FOB	Free on board
FY2023	Financial year 1 July 2022 to 30 June 2023
FY2024	Financial year 1 July 2023 to 30 June 2024
HGL	High grade lumpy
LG	Low grade ore
LTI	Lost time injury
Q-o-Q	Quarter on quarter
TRIFR	Total recordable injury frequency rate
YTD	Year to date