

30 January 2024

## DECEMBER 2023 QUARTERLY REPORT

### HIGHLIGHTS

- Maintained an unrelenting focus on safety and delivered a TRIF of 1.5 at the end of the December 2023 Quarter.
- Remained on track to increase Group copper equivalent (CuEq) production by more than 50% at our continuing operations over the two years to the end of FY25, while Group cost and capital expenditure guidance for FY24 is also retained.
- Increased Group CuEq production by 5% in the December 2023 Quarter to 32.4kt.
- Ramped-up Motheo mill throughput to an annualised rate of 3.5Mt across the December 2023 Quarter and produced 8.7kt of Cu and 0.2Moz of Ag, for CuEq production of 9.3kt.
- Added temporary concentrate filtration capacity and ramped-up activity across Motheo's broader supply chain in the December 2023 Quarter, whilst maintaining Underlying mine operating costs within 2% of annual guidance at \$42/t of ore processed for an implied C1 unit cost of \$1.70/lb.
- Operated at a record 4.6Mtpa rate in our underground mines at MATSA across H1 FY24 and produced 13.7kt of copper and 24.2kt of zinc in the December 2023 Quarter, for CuEq production of 23.1kt.
- Benefitted from higher by-product sales at MATSA and a resultant decrease in the operation's implied C1 unit cost to \$1.94/lb as Underlying operating costs remained steady at \$72/t of ore processed.
- Commissioned the new ball mill at Motheo in December 2023, the last major milestone in the rapid and low-cost expansion to 5.2Mtpa, and subsequently achieved a maximum daily processing rate of 627tph in December 2023.
- Commenced pre-strip activities for the A4 open pit at Motheo with the mine expected to contribute first ore to the processing facility in the September 2024 Quarter, as planned.
- Generated unaudited, preliminary Group sales revenue of ~\$217M and Underlying Operations EBITDA of ~\$84M in the December 2023 Quarter, for Underlying Group EBITDA of ~\$134M in H1 FY24 and Group Net debt of ~\$476M as we established finished goods inventory at Motheo.

December Quarter Performance (a) (b) (c) (d)	YTD FY23	YTD FY24	YoY	Dec-22	Sep-23	Dec-23	QoQ
Total Copper (t)	26,435	45,434	72%	12,688	22,987	<b>22,447</b>	(2%)
Total Zinc (t)	39,290	42,603	8%	19,755	18,453	<b>24,150</b>	31%
Total Lead (t)	4,398	4,201	(4%)	1,921	1,617	<b>2,584</b>	60%
Total Silver (Moz)	1.2	1.7	38%	0.6	0.8	<b>0.9</b>	15%
Group Copper Equivalent Production (kt)	42.1	63.2	50%	20.4	30.8	<b>32.4</b>	5%
MATSA Underlying Operating Cost (US\$M)	163	165	1%	78	82	<b>83</b>	1%
MATSA Underlying Operating cost (US\$/t)	77	72	(6%)	74	72	<b>72</b>	(1%)
MATSA Implied C1 Unit Cost (US\$/lb)	2.03	1.99	(2%)	1.85	2.04	<b>1.94</b>	(5%)
Motheo Underlying Operating Cost (US\$M)	-	65	-	-	28	<b>37</b>	32%
Motheo Underlying Operating cost (US\$/t)	-	39	-	-	36	<b>42</b>	15%
Motheo Implied C1 Unit Cost (US\$/lb)	-	1.68	-	-	1.65	<b>1.70</b>	3%
Group Capital Expenditure (US\$M)	162	99	(39%)	89	45	<b>54</b>	21%
Group Net Debt	378	476	26%	378	454	<b>476</b>	5%

### NOTES

(a) Production refers to contained metal, continuing operations only.

(b) Unaudited financial information.

(c) Net debt excludes capitalised transaction costs, leases and revolving short-term working capital facilities.

(d) Errors may occur due to rounding. All copper equivalent (CuEq) production figures and guidance for costs, including Underlying mine operating costs and implied C1 unit costs, are a function of specific prices which can be found on page 12. Actual cost outcomes are a function of realised prices and exchange rates during the period and can be found in Appendix A. Unless otherwise stated all currency figures are USD. Figures in *Italics* indicate that an adjustment has been made since the figures were previously reported.

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**Sandfire CEO and Managing Director, Mr Brendan Harris, said:** *“Our unrelenting focus on safety delivered a TRIF of 1.5 at the end of the December quarter. Nothing is more important than the health and well-being of our people.”*

*“We were also pleased to jointly announce the signing of a framework agreement between Sandfire and the Yugunga-Nya at the end of the quarter. This agreement is an important step towards rebuilding our relationship with the Yugunga-Nya and ensuring the ongoing protection of cultural heritage at our DeGrussa operation. Our decision to retain DeGrussa and rehabilitate the operation means we will maintain an important presence in the region for years to come and we look forward to working with the Yugunga-Nya, Government and our other stakeholders to deliver meaningful, sustainable outcomes for the community.”*

*“Another important milestone was achieved at Motheo with the commissioning of the ball mill in the latter part of the quarter. The rapid and low cost expansion of our crushing, milling and concentration plant continues to exceed expectations and we are now focused on achieving the facility’s 5.2Mtpa nameplate rate on a sustainable basis, before testing its ultimate potential.”*

*“Our operating performance at MATSA is also tracking to plan with a record mining rate of 4.6Mtpa achieved across the half year. In the December quarter itself, we produced 13.7kt of copper and 24.2kt of zinc, for copper equivalent production of 23.1kt. By signing an agreement with Endesa for the construction of a dedicated solar energy facility that will supply around 25% of MATSA’s overall electricity requirements progressively from CY25, we have further improved our long-term energy supply mix and reinforced the low carbon credentials of MATSA’s metal concentrates.”*

*“Following yet another strong quarter of operating performance, we have maintained FY24 production, cost and capital expenditure guidance, and remain well positioned to deliver over 50% growth in copper equivalent production from continuing operations across the two years to the end of FY25. We look forward to reporting our full financial results for the December 2023 half year and providing a further update on 23 February.”*

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**This announcement is authorised for release by Sandfire’s Managing Director and CEO, Brendan Harris.**

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## **SUSTAINABILITY UPDATE**

### **Safety**

The Total Recordable Injury Frequency (TRIF) for the Group at the end of the December 2023 Quarter was 1.5 (September 2023 Quarter: 1.2, June 2023: 1.6). We will seek to maintain record levels of safety performance in FY24 by further instilling our Don't Walk Past operating philosophy and enhancing our robust hazard management systems and processes. Nothing is more important than the health and well-being of our people.

### **Sustainability**

In late November 2023 we advised that an internal review had confirmed the disturbance of artefact scatters at our DeGrussa operations, primarily during 2017 and 2018. This was followed by the announcement of a framework agreement with the Yugunga-Nya on 22 December 2023 that has been designed to map issues, steps and relationships that will lead to the ongoing protection of cultural heritage at Sandfire's DeGrussa operation.

A leading law firm has commenced an external investigation into this matter at Sandfire's request, so we can better understand the process failures that led to the disturbance of the artefact scatters and the time taken to notify the Yugunga-Nya. The findings of this investigation will be made available to the Yugunga-Nya before being shared with the industry and other stakeholders. Separately, we will continue to cooperate fully with the Department of Planning, Lands and Heritage as they conduct their own review.

Our FY23 Modern Slavery Statement was published on 31 December. The statement included our modern slavery roadmap that outlines the actions we will undertake to improve our management of human rights and modern slavery risks across our global portfolio.

## MATSA COPPER OPERATIONS | SPAIN

MATSA Copper Operations Production Statistics <sup>(a), (b)</sup>	YTD FY23	YTD FY24	YoY	Dec-22 Quarter	Sep-23 Quarter	Dec-23 Quarter	PCP	QoQ
Mining (t)	2,178,210	2,300,199	6%	1,052,960	1,166,590	<b>1,133,610</b>	8%	(3%)
Milling (t)	2,130,602	2,291,640	8%	1,052,853	1,137,203	<b>1,154,437</b>	10%	2%
Concentrate (t)	234,217	252,025	8%	111,775	120,929	<b>131,096</b>	17%	8%
Contained Copper (t)	26,435	28,650	8%	12,688	14,945	<b>13,704</b>	8%	(8%)
Contained Zinc (t)	39,290	42,603	8%	19,755	18,453	<b>24,150</b>	22%	31%
Contained Lead (t)	4,398	4,201	(4%)	1,921	1,617	<b>2,584</b>	34%	60%
Contained Silver (Moz)	1.2	1.3	5%	0.6	0.6	<b>0.7</b>	17%	14%
Contained Metal (CuEq t)	42,059	45,336	8%	20,384	22,243	<b>23,093</b>	13%	4%
Payable Metal (CuEq t)	37,321	40,209	8%	18,058	19,851	<b>20,358</b>	13%	3%
Underlying Operating Cost <sup>(c)</sup> (US\$m)	163	165	1%	78	82	<b>83</b>	6%	1%
Underlying Operating Cost (US\$/t)	77	72	(6%)	74	72	<b>72</b>	(3%)	-
Implied C1 Unit Cost (US\$/lb)	2.03	1.99	(2%)	1.85	2.04	<b>1.94</b>	5%	(5%)

### NOTES

- (a) Refer to Appendix A for further details relating to mining, processing, sales, costs and capital expenditure.
- (b) Errors may occur due to rounding. Production statistics are subject to change following reconciliation and finalisation subsequent to the end of the Quarter.
- (c) Underlying mine operating cost includes costs related to mining, processing, general and administration, and transport and excludes shipping which is offset against revenue for statutory reporting purposes.

### Mining

Our three underground mines at MATSA continued to perform largely according to plan during the December 2023 Quarter as mine production declined by 3% from the prior period. Aguas Teñidas output remained relatively steady while Magdalena continued to demonstrate a greater level of consistency and predictability, delivering 510kt of ore during the period. Conversely, production at Sotiel was marginally below target in the December 2023 Quarter as oversize material temporarily reduced productivity in a key production stope.

### Processing

While processed ore tonnes at MATSA increased by a modest 2% during the December 2023 Quarter, contained metal production increased by 4% to 23.1kt as zinc ore grades and recoveries increased considerably. Consequently, production is now expected to be more evenly balanced between H1 and H2 FY24 when compared with the previously anticipated H2 FY24 production skew. The higher zinc head grade presented to the process plant in the December 2023 Quarter resulted from the resequencing and deferral of higher-grade ore from the Magdalena mine, that was originally planned to be extracted during the September 2023 Quarter, and a localised positive reconciliation of zinc grades at Aguas Teñidas. The sharp and temporary increase in zinc recovery also reflected a higher contribution of metallurgically favourable low-pyrite poly ore during the period.

While copper recovery in the copper-only processing line remained elevated and close to target (at 85%) during the December 2023 Quarter, copper recovery in our poly line declined to 69% (from 73%) as the copper grade declined slightly to 1.7% (from 1.8%) and ore mineralogy varied within usual tolerances.

A number of programs designed to further improve the Net Smelter Return (NSR) from our various ore types, including a focus on dilution and recoveries, and an increase in Run of Mine (RoM) stocks, will continue to be prioritised before we ultimately seek to increase the throughput rate of our centralised processing facility toward 4.7Mtpa.

## Sales

Metal sales at MATSA for the December 2023 Quarter were marginally below metal production (4.8% and 3.1% shortfall in payable copper and zinc sales, respectively). This translated to a more modest 2.7% and 2.4% shortfall in payable copper and zinc sales, respectively, when compared with payable production across H1 FY24.

## Operating Costs

MATSA Underlying mine operating costs remained relatively stable in the December 2023 Quarter at \$83M or \$72/t of ore processed (September 2023 Quarter: \$82M and \$72/t of ore processed), as the operation continued to mitigate the effects of inflation and further optimise the use of consumables.

As previously disclosed, we secured long-term power agreements with Endesa Energia (Endesa) during FY23 that substantially reduce MATSA's exposure to spot electricity prices and ensure that 100% of MATSA's electricity requirements are being met by reliable, carbon emissions free, renewable energy supply. In the September 2023 Quarter and following an increase in liquidity in the forward market, we chose to further reduce MATSA's exposure to spot energy prices through to the end of the current European winter by securing approximately 85% of the operation's energy for the December 2023 and March 2024 Quarters at a price marginally below October 2023 average prices.

During the December 2023 Quarter itself, we signed an agreement with Endesa for the construction of a dedicated solar energy facility that is expected to provide low cost, clean energy to MATSA from CY25.

## Capital Expenditure

Our investment program at MATSA progressed according to plan in the December 2023 Quarter with \$21M directed toward underground development and ventilation, and a further \$9M directed toward sustaining capital items.

Regulatory approvals for the new tailings storage facility are on track for construction to commence in FY25. Construction of the first phase is expected to be completed in early FY27 for a capital cost of around \$35M. A second lift of the tailings facility is planned between FY32 and FY35 and will extend the capacity of the new tailings facility to FY42.

## MATSA Reserve growth

Work is underway to update our Mineral Resource and Ore Reserve estimates for MATSA, to reflect our growing geological knowledge and incorporation of all previously announced Olivo and San Pedro mineralisation. We expect to announce this update during H2 FY24 and will continue to prioritise near-mine exploration and business development activities that leverage our strategically valuable processing hub in the Iberian Pyrite Belt.

## MOTHEO COPPER OPERATIONS | BOTSWANA

Motheo Copper Operations Production Statistics <sup>(a), (b)</sup>	YTD FY23	YTD FY24	YoY	Dec-22 Quarter	Sep-23 Quarter	Dec-23 Quarter	PCP	QoQ
Mining (t)	61,122	2,474,223	nm	61,122	1,159,887	<b>1,314,336</b>	nm	13%
Milling (t)	-	1,652,949	-	-	770,847	<b>882,102</b>	-	14%
Concentrate (t)	-	56,614	-	-	27,831	<b>28,783</b>	-	3%
Contained Copper (t)	-	16,785	-	-	8,042	<b>8,743</b>	-	9%
Contained Silver (Moz)	-	0.4	-	-	0.2	<b>0.2</b>	-	17%
Contained Metal (CuEq t)	-	17,889	-	-	8,550	<b>9,339</b>	-	9%
Payable Metal (CuEq t)	-	17,170	-	-	8,198	<b>8,973</b>	-	9%
Underlying Operating Cost <sup>(c)</sup> (US\$m)	-	65	-	-	28	<b>37</b>	-	32%
Underlying Operating Cost (US\$/t)	-	39	-	-	37	<b>42</b>	-	14%
Implied C1 Unit Cost (US\$/lb)	-	1.68	-	-	1.64	<b>1.70</b>	-	4%

### NOTES

- (a) Refer to Appendix A for further details relating to mining, processing, sales, costs and capital expenditure.
- (b) Errors may occur due to rounding. Production statistics are subject to change following reconciliation and finalisation subsequent to the end of the Quarter.
- (c) Underlying mine operating cost includes costs related to mining, processing, general and administration, transport, shipping and royalties.

### Mining

Mining activity at the T3 open pit remained broadly aligned to our prior feasibility study plan in the December 2023 Quarter as we continued to develop and process higher grade run of mine (ROM) ore stocks to maximise margins and returns at our newest operation. A total of 849kt of ROM ore was mined during the period, with 465kt of low grade ore stockpiled for processing when the best economic outcome can be achieved. The average mined grade of ROM ore of 1.1% copper and 11.5g/t silver continued to reconcile well with our orebody model.

Stage 1 of the T3 mine plan has now advanced to be around 100m below the original surface and the main part of the orebody is exposed. This allows us to provide the necessary ore feed from Stage 1 at a lower mining rate and thereby creates the flexibility to further progress Stage 2 of the T3 open pit, which we commenced during the December 2023 Quarter.

### Processing

The rapid ramp-up of the adjacent crushing, milling and concentration plant continued to exceed expectations during the December 2023 Quarter as it processed 14% more ore (or 882kt at an average copper grade of 1.1%) when compared with the prior quarter for an average annualised throughput rate of 3.5Mt, a significant achievement considering the facility's initial nameplate capacity of 3.2Mtpa.

To support this rate of growth, we hired two mobile concentrate filters which were commissioned by mid-November. This temporary solution immediately removed concentrate filtration as a constraint and daily ore processing rates increased accordingly, regularly exceeding an annualised rate of 4Mt during late November and early December. The significant increase in available filtration capacity also allowed the team to progressively drawdown the majority of stored concentrate stocks during the December 2023 Quarter.

In yet another major milestone, the shutdown to tie-in the new ball mill that is required for the rapid and low cost expansion to 5.2Mtpa, was completed during the period and wet commissioning of the expanded plant commenced on 18 December. While plant stability has been temporarily affected by these activities, an (unreconciled) average daily processing rate of 505tph was achieved across December, including a (unreconciled) maximum daily processing rate of 627tph on 21 December.

**Sales**

We continued to ramp up concentrate sales (to 10.8kt and 231koz of contained copper and silver, respectively) in the December 2023 Quarter, and built just under 1kt of contained copper in concentrate across our supply chain over H1 FY24 as we successfully established Motheo's outbound logistics.

**Operating Costs**

Underlying operating costs increased to \$37M or \$42/t of ore processed in the December 2023 Quarter (September 2023 Quarter: \$28M or \$37/t of ore processed) as we ramped-up mining, processing and sales activities, consistent with our operational plan.

The low grade ore stockpiled during the period (465kt) has been valued on a contained metal basis, resulting in the recognition of low grade ore inventory on the Balance Sheet valued at \$6M (unaudited) for the December 2023 Quarter.

**Motheo 5.2Mtpa Expansion**

The rapid and low-cost expansion of Motheo to 5.2Mtpa made significant progress during the period. Beyond the aforementioned increase in processing capacity, fabrication of the replacement, permanent concentrate filter was completed in Europe during the December 2023 Quarter, and it is currently in transit to Botswana. Pre-strip activities for the A4 open pit also commenced during the period with the mine expected to contribute first ore to the centralised processing facility in the September 2024 Quarter, as planned.

The overall project remains on schedule and the \$397M budget (including contingency) is unchanged. The ramp-up of the expanded processing circuit is tracking well with nameplate capacity of 5.2Mtpa expected to be achieved on a consistent basis during the March 2024 Quarter, as planned.

**Motheo near-mine exploration and extensional drilling**

A drilling program has commenced at A4 targeting dip and strike extensions to the ore reserve, while additional potential has been identified in the footwall of the T3 open pit with the target zone expected to be drill tested across FY24 and FY25.

## FY24 PRODUCTION GUIDANCE SUMMARY

We have retained Group production and Underlying cost guidance following the completion of H1 FY24 as our operations and broader guidance estimates are tracking materially to plan.

MATSA operations did, however, perform marginally better than expected in H1 FY24, having achieved 49% of FY24 copper equivalent production guidance, as opposed to the previously forecast 47:53 production split. Commissioning of the new ball at Motheo and the ongoing ramp-up of operations means its production is expected to be weighted to H2 FY24.

Production Guidance <sup>(a)</sup>	FY24	6M YTD	FY23	% FY24	Comment
<b>MATSA</b>					
Copper Equivalent (~kt)	93.0	<b>45.3</b>	89.9	49%	
Copper (~kt)	58.0	<b>28.6</b>	55.7	49%	
Zinc (~kt)	88.0	<b>42.6</b>	85.9	48%	
Lead (~kt)	10.0	<b>4.2</b>	10.7	42%	
Silver (~Moz)	2.6	<b>1.3</b>	2.6	50%	
<b>Motheo</b>					
Copper Equivalent (~kt)	42.0	<b>17.9</b>	0.9	43%	Motheo production weighted to 2HFY24 during ramp up.
Copper (~kt)	39.0	<b>16.8</b>	0.8	43%	
Silver (~Moz)	1.2	<b>0.4</b>	-	33%	
<b>Group</b>					
Copper Equivalent (~kt)	135.0	<b>63.2</b>	91.8	47%	
Copper (~kt)	97.0	<b>45.4</b>	56.5	47%	
Zinc (~kt)	88.0	<b>42.6</b>	85.9	48%	
Lead (~kt)	10.0	<b>4.2</b>	10.7	42%	
Silver (~Moz)	3.8	<b>1.7</b>	2.6	44%	

### NOTES

(a) Continuing operations (excluding DeGrussa).

(b) All copper equivalent (CuEq) production figures are a function of specific prices which can be found on page 12.



## PROJECTS & REGIONAL EXPLORATION UPDATE

### **Black Butte Copper Project, Montana, USA**

Sandfire America continued to advance its studies of the Lowry Deposit during the Quarter, while also continuing to defend the legal challenge to its permits. Please refer to Sandfire America's website at [www.sandfireamerica.com](http://www.sandfireamerica.com) for additional information.

### **Exploration**

#### *Iberian Pyrite Belt Exploration, Spain and Portugal*

The team recommenced fieldwork in the December 2023 Quarter with a number of geochemical and geophysical surveys undertaken. A single target, Preciosa, was drill tested during the period and, while no mineralisation was encountered, the down hole EM survey detected several off-hole anomalies which require further investigation.

Sandfire's joint venture partner in Portugal, TSX-listed Avrupa Minerals Limited, continued to advance its understanding of the Sesmarias massive sulphide target within the Alvalade Project Joint Venture during the December 2023 Quarter. One diamond drillhole was completed during the period and it intersected four narrow intervals of semi massive sulphides. An Induced Polarisation (IP) survey was also completed over the Sesmarias target which successfully mapped known mineralisation and generated several new targets.

#### *Kalahari Copper Belt Exploration, Botswana*

An initial resource definition drilling program at the A1 prospect, located 20km ENE from the Motheo processing plant, was completed during the December 2023 Quarter. The subsequent review of the information generated highlighted the open extent of the identified mineralisation with a further seven holes to be completed in the March 2024 Quarter to primarily test additional near-surface potential and an identified SW extension. Three regional targets were also tested during the period with around 1,500m of drilling completed. While no significant mineralisation was encountered, geological information has been incorporated into our new 3D basin model.

More broadly, an Airborne Gravity Gradiometry (AGG) survey was completed over the Okwa block, a large igneous intrusive complex which lies to the Southeast of the Kalahari Copper Belt. The results are being interpreted and integrated into our new 3D basin model.

The Company's Namibian exploration tenure was relinquished during the December 2023 Quarter.

## TREASURY AND CORPORATE DEVELOPMENT UPDATE

### DeGrussa Copper Operations Sale Process

Having considered various alternatives for DeGrussa following the cessation of processing operations in May 2023, during the December 2023 Quarter we determined that the retention of DeGrussa will provide the best outcome for all stakeholders and allow our team to establish its rehabilitation credentials. This decision also means that we will have a meaningful presence in the area for many years to come and we look forward to both rebuilding our relationship and working with the Yugunganya as we undertake the rehabilitation process.

Having made this decision, we also commenced a multi-faceted process in the latter part of the December 2023 Quarter to divest discrete assets within the DeGrussa operation, including the construction camp, broader accommodation facilities and other surface infrastructure. It is currently envisaged that this sales process will make a meaningful contribution towards rehabilitation costs, noting that the rehabilitation liability for DeGrussa was estimated to be \$30.1M at 30 June 2023.

### Cash position and debt facilities

The Group's unaudited cash holding at the end of the December 2023 Quarter was \$105M for unaudited Net debt of \$476M. The \$22M increase in Net debt during the period primarily reflected ongoing investment in the expansion of Motheo's processing facilities and early stage preparatory work for the A4 open pit, the continued build of inventory across the Motheo supply chain as we ramped up activity, and the timing of a Motheo concentrate shipment where cash proceeds (\$22M) were received in early January. The Group also repaid \$26M of debt and \$9M of interest that was accrued on the MATSA Finance Facility.

At Motheo specifically, a further \$20M was drawn from the \$200M Motheo Finance Facility in December as planned, bringing total debt drawn under this facility to \$180M. The drawdown of the balance of the facility is expected to occur over the coming months to align with the A4 development's requirements.

### Hedging

	Copper				Zinc			
	FY24	FY25	FY26	Total	FY24	FY25	FY26	Total
Historical Sales - Quotational Period (t)	10,413	-	-	10,413	6,717	-	-	6,717
Historical Sales - Quotational Period (\$/t)	8,569	-	-	8,569	2,667	-	-	2,667
Future Sales (t)	6,816	19,244	10,644	36,704	8,160	15,010	-	23,170
Future Sales (\$/t)	9,031	8,682	8,339	8,647	2,640	2,498	-	2,548
Total (t)	17,229	19,244	10,644	47,117	14,877	15,010	-	29,887
Total (\$/t)	8,752	8,682	8,339	8,630	2,652	2,498	-	2,575

## FY24 GUIDANCE

A summary of the Group's guidance for FY24 follows below.

FY24 Guidance (December-23 YTD)	MATSA	Motheo	Corporate & Other	Group <sup>(a)</sup>
<b>Production</b>				
Ore processed (Mt)	4.5 (2.3)	4.1 (1.7)		8.6 (3.9)
Copper (kt contained)	58 (28.6)	39 (16.8)		97 (45.4)
Zinc (kt contained)	88 (42.6)	- (-)		88 (42.6)
Lead (kt contained)	10 (4.2)	- (-)		10 (4.2)
Silver (Moz contained)	2.6 (1.3)	1.2 (0.4)		3.8 (1.7)
Copper Equivalent <sup>(b)</sup> (kt contained)	93 (45.3)	42 (17.9)		135 (63.2)
<b>Operating Cost</b>				
Underlying Mine Operating Cost (US\$M)	352 (165)	169 (65)		521 (231)
Underlying Mine Operating Costs (US\$/t) Processed <sup>(c)</sup>	78 (72)	41 (39)		
Implied C1 Cost (US\$/lb)	1.93 (1.99)	1.81 (1.68)		
D&A (US\$M)	235 (121)	45 (28)		280 (149)
Corporate G&A (US\$M)			37 (20)	37 (20)
Underlying Exploration & Evaluation (US\$M) <sup>(d)</sup>	9 (1)	8 (4)	15 (5)	32 (10)
<b>Capital Expenditure (US\$M)</b>				
<b>Current Operations</b>				
Mine Development & Deferred Waste Stripping	91 (41)	58 (11)		149 (52)
Sustaining & Strategic	26 (18)	33 (9)		59 (28)
<b>Total Current Operations</b>	<b>117 (59)</b>	<b>91 (20)</b>		<b>208 (79)</b>
<b>Projects Under Construction &amp; Development</b>				
Motheo Development Capital - T3 & 3.2Mtpa	- (-)	12 (6)		12 (6)
Motheo Development Capital - A4 and 5.2Mtpa	- (-)	35 (14)		35 (14)
<b>Total Projects Under Construction &amp; Development</b>	<b>- (-)</b>	<b>47 (20)</b>		<b>47 (20)</b>
<b>Total Capital Expenditure</b>	<b>117 (59)</b>	<b>138 (40)</b>		<b>255 (99)</b>

### NOTES

(a) Continuing operations (excluding DeGrussa).

(b) All copper equivalent (CuEq) production figures and guidance for costs, including Underlying mine operating costs and implied C1 unit costs, are a function of specific prices which can be found on page 12. Actual cost outcomes are a function of realised prices and exchange rates during the period and can be found in Appendix A.

(c) MATSA: Includes costs related to mining, processing, general and administration and transport, and excludes shipping costs which are offset against sales revenue for statutory reporting purposes. Motheo: Includes costs related to mining, processing, general and administration, transport (including shipping) and royalties.

(d) Includes exploration outside the mine halo and does not include infill and resource drilling.

**- ENDS -**

## IMPORTANT INFORMATION AND DISCLAIMERS

### Forward-Looking Statements

Certain statements made during or in connection with this release contain or comprise certain forward-looking statements regarding Sandfire's Mineral Resources and Reserves, exploration and project development operations, production rates, life of mine, projected cash flow, capital expenditure, operating costs and other economic performance and financial condition as well as general market outlook. Although Sandfire believes that the expectations reflected in such forward-looking statements are reasonable, such expectations are only predictions and are subject to inherent risks and uncertainties which could cause actual values, results, performance or achievements to differ materially from those expressed, implied or projected in any forward looking statements and no assurance can be given that such expectations will prove to have been correct.

Accordingly, results could differ materially from those set out in the forward-looking statements as a result of, among other factors, changes in economic and market conditions, delays or changes in project development, success of business and operating initiatives, changes in the regulatory environment and other government actions, fluctuations in metals prices and exchange rates and business and operational risk management.

Except for statutory liability which cannot be excluded, each of Sandfire, its officers, employees and advisors expressly disclaim any responsibility for the accuracy or completeness of the material contained in these forward-looking statements and excludes all liability whatsoever (including in negligence) for any loss or damage which may be suffered by any person as a consequence of any information in forward-looking statements or any error or omission. Sandfire undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events other than required by the Corporations Act and ASX Listing Rules. Accordingly, you should not place undue reliance on any forward-looking statement.

This report includes unaudited financial information and unreconciled production results which may be subject to change.

### Copper Equivalent Calculation

Copper Equivalent (CuEq) is calculated based on JUN23 average market price in USD. Source: WM/Reuters; Assumptions: Cu US\$8,386/t, Zn US\$2,368/t, Pb US\$2,118/t, Ag US\$23/oz. Guidance for Payable Metal is based on current commercial terms.

### ASX releases referred to in this announcement:

- 'Release of joint media statement by Sandfire and Yugunga-Nya' released to the ASX on 22 December 2023.
- 'Motheo Copper Mine - 5.2Mtpa Expansion Update' released to the ASX on 21 December 2023.
- 'Disturbance of artefact scatter at DeGrussa' released to the ASX on 30 November 2023.

## APPENDIX A – December 2023 Quarterly Data Table

MATSA	6M YTD FY23	6M YTD FY24	Q2 FY23	Q3 FY23	Q4 FY23	Q1 FY24	Q2 FY24	Guidance FY24
<b>Mine Production</b>								
<b>Aguas Tenidas Mine</b>								
Ore (t)	1,016,029	1,037,486	490,566	506,654	512,899	524,574	<b>512,912</b>	2,050,000
Ore - Cu (t)	358,134	305,976	124,478	169,730	142,694	143,033	<b>162,943</b>	550,000
Grade - Cu (%)	1.4%	1.0%	1.5%	1.8%	1.6%	1.1%	<b>0.9%</b>	1.1%
Ore - Poly (t)	657,896	731,510	366,088	336,924	370,205	381,541	<b>349,969</b>	1,500,000
Grade - Poly Cu (%)	1.5%	1.4%	1.6%	1.5%	1.3%	1.5%	<b>1.3%</b>	1.2%
Grade - Poly Zn (%)	3.5%	3.5%	3.7%	3.0%	4.3%	3.0%	<b>4.0%</b>	3.3%
<b>Magdalena Mine</b>								
Ore (t)	932,561	1,027,128	448,622	476,176	458,803	517,415	<b>509,713</b>	2,050,000
Ore - Cu (t)	206,262	314,411	29,864	133,106	110,512	131,554	<b>182,857</b>	550,000
Grade - Cu (%)	1.2%	1.7%	1.0%	1.6%	2.0%	1.9%	<b>1.5%</b>	2.0%
Ore - Poly (t)	726,299	712,717	418,758	343,069	348,291	385,861	<b>326,856</b>	1,500,000
Grade - Poly Cu (%)	2.1%	2.2%	1.9%	2.5%	2.5%	2.1%	<b>2.4%</b>	2.4%
Grade - Poly Zn (%)	4.0%	3.9%	3.2%	5.3%	4.6%	3.3%	<b>4.5%</b>	4.4%
<b>Sotiel Mine</b>								
Ore (t)	229,619	235,586	113,772	123,564	130,095	124,601	<b>110,985</b>	500,000
Ore - Cu (t)	97,749	126,650	51,119	59,665	57,241	66,163	<b>60,488</b>	200,000
Grade - Cu (%)	2.6%	2.3%	2.3%	1.8%	2.8%	2.3%	<b>2.3%</b>	2.5%
Ore - Poly (t)	131,870	108,935	62,653	63,898	72,853	58,438	<b>50,497</b>	300,000
Grade - Poly Cu (%)	0.8%	0.8%	0.8%	1.0%	1.0%	0.6%	<b>1.0%</b>	0.9%
Grade - Poly Zn (%)	3.0%	2.6%	3.1%	3.0%	3.0%	3.2%	<b>1.8%</b>	1.5%
<b>Total</b>								
Ore (t)	2,178,210	2,300,199	1,052,960	1,106,393	1,101,797	1,166,590	<b>1,133,610</b>	4,600,000
Ore - Cu (t)	662,145	747,037	205,461	362,502	310,448	340,750	<b>406,288</b>	1,300,000
Grade - Cu (%)	1.5%	1.5%	1.6%	1.7%	2.0%	1.6%	<b>1.4%</b>	1.7%
Ore - Poly (t)	1,516,065	1,553,162	847,499	743,892	791,349	825,840	<b>727,322</b>	3,300,000
Grade - Poly Cu (%)	1.7%	1.7%	1.7%	1.9%	1.8%	1.7%	<b>1.8%</b>	1.8%
Grade - Poly Zn (%)	3.7%	3.6%	3.4%	4.0%	4.3%	3.2%	<b>4.1%</b>	3.6%
<b>Production</b>								
<b>Processed Ore</b>								
Ore (t)	2,130,602	2,291,640	1,052,853	1,104,644	1,160,079	1,137,203	<b>1,154,437</b>	4,500,000
Ore - Cu (t)	700,128	747,040	291,137	324,848	329,459	343,738	<b>403,302</b>	1,200,000
Grade - Cu (%)	1.6%	1.5%	1.5%	1.8%	1.9%	1.6%	<b>1.5%</b>	1.7%
Ore - Poly (t)	1,430,474	1,544,600	761,716	779,796	830,620	793,466	<b>751,135</b>	3,300,000
Grade - Poly Cu (%)	1.7%	1.7%	1.7%	1.8%	1.8%	1.8%	<b>1.7%</b>	1.8%
Grade - Poly Zn (%)	3.8%	3.6%	3.6%	3.8%	4.2%	3.2%	<b>4.1%</b>	3.6%

MATSA	6M YTD FY23	6M YTD FY24	Q2 FY23	Q3 FY23	Q4 FY23	Q1 FY24	Q2 FY24	Guidance FY24
<b>Concentrate Production</b>								
<b>Cu-Cu</b>								
Recovery (%)	83%	85%	83%	85%	83%	85%	<b>85%</b>	86%
Concentrate (t)	43,317	46,327	16,330	23,234	25,181	22,954	<b>23,373</b>	80,000
Concentrate Grade (%)	21%	21%	22%	21%	21%	21%	<b>22%</b>	22%
<b>Cu-Poly</b>								
Recovery (%)	69%	71%	69%	67%	67%	73%	<b>69%</b>	73%
Concentrate (t)	87,024	96,414	44,967	45,281	49,716	51,458	<b>44,956</b>	200,000
Concentrate Grade (%)	20%	20%	20%	20%	20%	20%	<b>19%</b>	20%
<b>Zn</b>								
Recovery (%)	72%	76%	73%	72%	73%	73%	<b>79%</b>	75%
Concentrate (t)	83,677	90,524	42,277	45,490	53,813	39,222	<b>51,302</b>	190,000
Concentrate Grade (%)	47%	47%	47%	47%	47%	47%	<b>47%</b>	47%
<b>Pb</b>								
Recovery (%)	25%	23%	22%	24%	35%	20%	<b>26%</b>	32%
Concentrate (t)	20,199	18,760	8,201	8,823	19,147	7,295	<b>11,465</b>	40,000
Concentrate Grade (%)	22%	22%	23%	26%	21%	22%	<b>23%</b>	25%
<b>Metal Production</b>								
<b>Contained</b>								
Cu Eq (t)	42,059	45,336	20,384	22,577	25,475	22,243	<b>23,093</b>	93,000
Cu (t)	26,435	28,650	12,688	14,113	15,189	14,945	<b>13,704</b>	58,000
Zn (t)	39,290	42,603	19,755	21,294	25,345	18,453	<b>24,150</b>	88,000
Pb (t)	4,398	4,201	1,921	2,269	4,080	1,617	<b>2,584</b>	10,000
Ag (koz)	1,225	1,288	585	673	752	601	<b>687</b>	2,600
<b>Payable</b>								
Cu (t)	25,132	27,071	12,075	13,428	14,361	14,121	<b>12,950</b>	55,000
Zn (t)	32,596	35,290	16,373	17,655	20,998	15,285	<b>20,005</b>	73,000
Pb (t)	3,793	3,631	1,675	2,004	3,498	1,396	<b>2,235</b>	9,000
Ag (koz)	769	808	365	433	463	380	<b>428</b>	1,600
<b>Metal Sales</b>								
<b>Sold Payable</b>								
Cu Eq (t)	37,969	39,708	18,801	20,180	22,760	19,979	<b>19,729</b>	
Cu (t)	25,019	26,328	11,929	13,550	14,313	14,001	<b>12,326</b>	55,000
Zn (t)	32,813	34,445	16,374	16,864	21,658	15,064	<b>19,381</b>	73,000
Pb (t)	4,125	4,155	2,913	1,940	3,008	1,813	<b>2,343</b>	9,000
Au (oz)	744	835	464	387	828	292	<b>543</b>	
Ag (koz)	808	825	471	441	446	406	<b>420</b>	1,600
<b>Price Achieved</b>								
Cu (US\$/t)	8,332	8,431	9,154	9,105	8,453	8,309	<b>8,570</b>	-
Zn (US\$/t)	2,987	2,541	2,966	3,005	2,443	2,545	<b>2,538</b>	-
Pb (US\$/t)	2,244	1,933	2,559	1,669	2,038	1,929	<b>1,936</b>	-
Ag (US\$/oz)	21	24	22	23	22	24	<b>24</b>	-

MATSA	6M YTD FY23	6M YTD FY24	Q2 FY23	Q3 FY23	Q4 FY23	Q1 FY24	Q2 FY24	Guidance FY24
<b>MATSA - Operating Costs US\$M (Unaudited)</b>								
Mining	87	95	43	44	52	47	<b>48</b>	189
Processing	51	42	23	22	21	21	<b>21</b>	95
G&A	17	18	9	10	10	9	<b>9</b>	44
Transport	27	18	13	15	9	9	<b>10</b>	45
TCRC (inc. Penalties)	19	27	9	14	15	14	<b>13</b>	45
<b>Gross Operating Costs</b>	<b>203</b>	<b>200</b>	<b>97</b>	<b>104</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>418</b>
By-product Revenue	(126)	(117)	(67)	(64)	(71)	(52)	<b>(65)</b>	(264)
By-product Transport	12	9	7	6	6	4	<b>6</b>	24
By-product TCRC	23	28	13	13	18	12	<b>16</b>	60
<b>Net By-product Credit</b>	<b>(91)</b>	<b>(80)</b>	<b>(48)</b>	<b>(45)</b>	<b>(46)</b>	<b>(36)</b>	<b>(44)</b>	<b>(180)</b>
<b>Total</b>	<b>112</b>	<b>120</b>	<b>49</b>	<b>59</b>	<b>60</b>	<b>64</b>	<b>56</b>	<b>238</b>
<b>Operating Costs</b>								
Underlying Mine Operating Costs (US\$M)	163	165	78	84	88	82	<b>83</b>	352
Underlying Mine Operating Costs (US\$/t)	77	72	74	76	76	72	<b>72</b>	78
<b>C1 US\$/lb (Unaudited)</b>								
Mining	1.58	1.59	1.63	1.49	1.65	1.52	<b>1.67</b>	1.54
Processing	0.93	0.70	0.85	0.73	0.68	0.67	<b>0.74</b>	0.77
G&A	0.31	0.30	0.34	0.35	0.33	0.29	<b>0.31</b>	0.36
Transport	0.50	0.31	0.51	0.49	0.28	0.28	<b>0.35</b>	0.37
TCRC (inc. Penalties)	0.35	0.46	0.35	0.47	0.46	0.45	<b>0.47</b>	0.37
<b>Gross Operating Costs</b>	<b>3.67</b>	<b>3.37</b>	<b>3.68</b>	<b>3.53</b>	<b>3.40</b>	<b>3.20</b>	<b>3.55</b>	<b>3.40</b>
By-product Revenue	(2.28)	(2.02)	(2.55)	(2.16)	(2.24)	(1.69)	<b>(2.39)</b>	(2.16)
By-product Transport	0.21	0.16	0.25	0.21	0.19	0.13	<b>0.21</b>	0.20
By-product TCRC	0.42	0.48	0.48	0.43	0.58	0.40	<b>0.57</b>	0.49
<b>Net By-product Credit</b>	<b>(1.64)</b>	<b>(1.37)</b>	<b>(1.83)</b>	<b>(1.53)</b>	<b>(1.47)</b>	<b>(1.16)</b>	<b>(1.61)</b>	<b>(1.47)</b>
<b>Total</b>	<b>2.03</b>	<b>1.99</b>	<b>1.85</b>	<b>2.00</b>	<b>1.93</b>	<b>2.04</b>	<b>1.94</b>	<b>1.93</b>
<b>MATSA - Capital Expenditure (US\$M)</b>								
Mine Development	37	41	19	22	22	20	<b>21</b>	91
Sustaining & Strategic	11	18	7	8	15	9	<b>9</b>	26
<b>Total</b>	<b>49</b>	<b>59</b>	<b>26</b>	<b>30</b>	<b>37</b>	<b>29</b>	<b>31</b>	<b>117</b>

Motheo	6M YTD FY23	6M YTD FY24	Q2 FY23	Q3 FY23	Q4 FY23	Q1 FY24	Q2 FY24	Guidance FY24
<b>Mine Production</b>								
<b>Mining - ROM Ore</b>								
Ore (t)	5,883	1,627,166	5,883	185,334	260,770	777,842	<b>849,324</b>	2,900,000
Cu Grade (%)	1.3%	1.1%	1.3%	1.0%	1.1%	1.1%	<b>1.1%</b>	1.3%
Ag Grade (g/t)	12.7	10.3	12.7	5.8	8.8	9.0	<b>11.5</b>	14.1
<b>Mining - LG Stockpiles</b>								
Ore (t)	55,239	847,057	55,239	272,179	294,270	382,045	<b>465,012</b>	1,700,000
Cu Grade (%)	0.7%	0.5%	0.7%	0.5%	0.5%	0.5%	<b>0.5%</b>	0.5%
Ag Grade (g/t)	5.2	3.9	5.2	4.4	4.6	4.3	<b>3.5</b>	3.7
<b>T3</b>								
Ore (t)	61,122	2,474,223	61,122	457,513	555,040	1,159,887	<b>1,314,336</b>	4,600,000
Ore Mined (BCM)	25,650	887,100	-	-	-	413,630	<b>473,470</b>	1,600,000
Waste Mined (BCM)	6,629,856	5,271,980	3,499,738	2,945,964	2,900,269	2,521,213	<b>2,750,767</b>	10,700,000
Strip Ratio – W:O (BCM)	-	5.9:1	-	-	-	6:1	<b>5.8:1</b>	6:1
Cu Grade (%)	0.8%	0.9%	0.8%	0.7%	0.8%	0.9%	<b>0.9%</b>	1.0%
Ag Grade (g/t)	5.9	8.1	5.9	5.0	6.6	7.0	<b>8.7</b>	10.5
<b>A4</b>								
Ore (t)	-	-	-	-	-	-	-	-
Ore Mined (BCM)	-	-	-	-	-	-	-	-
Waste Mined (BCM)	-	371,326	-	-	-	-	<b>371,326</b>	4,300,000
Strip Ratio - W:O (BCM)	-	-	-	-	-	-	-	nm
Cu Grade (%)	-	-	-	-	-	-	-	-
Ag Grade (g/t)	-	-	-	-	-	-	-	-
<b>Production</b>								
<b>Processed Ore</b>								
Ore (t)	-	1,652,949	-	-	199,700	770,847	<b>882,102</b>	4,080,000
Cu Grade (%)	-	1.1%	-	-	0.6%	1.1%	<b>1.1%</b>	1.1%
Ag Grade (g/t)	-	9.1	-	-	4.7	9.0	<b>9.1</b>	10.9
<b>Concentrate Production</b>								
Concentrate (t)	-	56,614	-	-	2,666	27,831	<b>28,783</b>	140,000
Cu Recovery (%)	-	92.3%	-	-	69%	92%	<b>92.8%</b>	92%
Ag Recovery (%)	-	81.9%	-	-	51%	81%	<b>82.4%</b>	88%
<b>Metal Production</b>								
<b>Contained</b>								
Cu Eq (t)	-	17,889	-	-	862	8,550	<b>9,339</b>	42,000
Cu (t)	-	16,785	-	-	818	8,042	<b>8,743</b>	39,000
Ag (koz)	-	396	-	-	16	182	<b>213</b>	1,200
<b>Payable</b>								
Cu (t)	-	16,176	-	-	786	7,740	<b>8,436</b>	37,000
Ag (koz)	-	356	-	-	14	164	<b>192</b>	1,100



Motheo	6M YTD FY23	6M YTD FY24	Q2 FY23	Q3 FY23	Q4 FY23	Q1 FY24	Q2 FY24	Guidance FY24
<b>Metal Sales</b>								
<b>Sold Payable</b>								
Cu Eq (t)	-	16,126	-	-	-	4,631	11,495	-
Cu (t)	-	15,235	-	-	-	4,387	10,848	-
Ag (koz)	-	319	-	-	-	88	231	-
<b>Price Achieved</b>								
Cu (US\$/t)	-	8,218	-	-	-	8,199	8,225	-
Ag (US\$/oz)	-	23	-	-	-	22	24	-
<b>Motheo - Operating Costs US\$M (Unaudited)</b>								
Mining	-	32	-	-	-	15	17	84
Processing	-	9	-	-	-	5	4	33
G&A	-	8	-	-	-	4	4	18
Transport	-	10	-	-	-	3	7	25
TCRC (inc. Penalties)	-	8	-	-	-	2	5	17
<b>Gross Operating Costs</b>	-	67	-	-	-	29	38	176
By-product Revenue	-	(7)	-	-	-	(2)	(6)	(22)
<b>Net By-product Credit</b>	-	(7)	-	-	-	(2)	(5)	(22)
<b>Total</b>	-	59	-	-	-	27	33	154
<b>Operating Costs</b>								
Underlying Mine Operating Costs (US\$M)	-	65	-	-	-	28	37	169
Underlying Mine Operating Costs (US\$/t)	-	39	-	-	-	36	42	41
<b>C1 US\$/lb (Unaudited)</b>								
Mining	-	0.91	-	-	-	0.89	0.93	0.97
Processing	-	0.25	-	-	-	0.27	0.24	0.38
G&A	-	0.22	-	-	-	0.21	0.23	0.21
Transport	-	0.29	-	-	-	0.25	0.31	0.33
TCRC (inc. Penalties)	-	0.23	-	-	-	0.23	0.23	0.23
<b>Gross Operating Costs</b>	-	1.90	-	-	-	1.85	1.93	2.12
By-product Revenue	-	(0.22)	-	-	-	(0.20)	(0.23)	(0.31)
<b>Net By-product Credit</b>	-	(0.22)	-	-	-	(0.20)	(0.23)	(0.31)
<b>Total</b>	-	1.68	-	-	-	1.65	1.70	1.81
<b>Motheo – Capital Expenditure (US\$M)</b>								
Deferred Waste Stripping	-	11	-	-	-	2	9	58
Construction & Development	116	20	63	49	48	10	11	47
Sustaining & Strategic	-	9	-	-	-	4	5	33
<b>Total</b>	116	40	63	49	48	16	25	138