

METALLICA MINERALS LIMITED | ASX:MLM

QUARTERLY REPORT

DECEMBER 2022



ASX RELEASE

31 December 2022 Quarterly Report

17 January 2023

Metallica Minerals is an Australian development company focussed on delivering high purity silica sand to a diversified global customer-base.

ASX: MLM

Metallica Minerals Limited (ASX: MLM) (“Metallica”, “the Company”) is pleased to present its activities report for the quarterly period ending 31 December 2022.

Directors

Theo Psaros	Executive Chairman
Brad Sampson	Non-Executive Director
Mark Bojanjac	Non-Executive Director

Senior Management

Scott Waddell	CFO & Company Secretary
Nicholas Villa	GM Cape Flattery Silica Sand Project
Sam Fisher	GM Commercial

CORPORATE

AS AT 31 DECEMBER 2022

Issued Capital

956,898,922 Ordinary Shares
179,630,557 Listed Options
21,700,000 Unlisted Options

Shareholders

1,535 shareholders
Top 20 shareholders hold 63.4%

Largest Shareholders

Ilwella Pty Ltd - 21.4%
Sibelco Asia Pacific Pty Ltd - 14.4%
SpartagAG - 9.6%

Cash Balance

As at 31/12/2022, MLM's cash balance was approximately \$11.1m

Website

metallicaminerals.com.au



A short video presentation on our Cape Flattery Project is available on our website.

KEY EVENTS

1.

Fully Underwritten Rights Issue closes raising \$4.5 million (before costs)

2.

Fully Underwritten placement completed to new and existing shareholders raising \$5.1 million

3.

LiDAR completed at the Western Areas Silica Sand Project

4.

Sam Fisher appointed as GM Commercial

5.

Annual General Meeting held with all resolutions passed on a poll

6.

\$11.1 million in cash is available at quarter end, with no debt



DEVELOPMENT & EXPLORATION

CAPE FLATTERY SILICA SANDS



MLM
Interest
100%

The Cape Flattery Silica Project is adjacent to the world-class Cape Flattery Silica Sand mining and shipping operation owned by Mitsubishi.

During the December 2022 quarter, the Company continued to advance the CFS Definitive Feasibility Study, progress the preparation of Environmental applications for Federal and Queensland Government agencies and continue regular stakeholder engagement activities.

Definitive Feasibility Study

The Definitive Feasibility Study (DFS) continues to progress and its planned completion is in Q2 2023.

A number of appointments were made during the quarter by the CFS DFS team.

WAVE International - Non-process Infrastructure
WGA - Marine infrastructure
Mineral Technologies - Process Design & Metallurgy studies

Key study areas progressed during the December quarter included further investigation of transshipping operations, transshipping vessel selection and location of key project infrastructure. The DFS remains on track to be completed in Q2 2023.

Environmental Studies

The Company, along with our external environmental consultants, previously reported the completion of the environmental studies at the CFS project. During the December quarter, the extensive preparation of environmental applications were underway.

Concurrently, several pre-lodgment meetings were held with Federal and State environmental departments. The purpose of these pre-lodgment meetings was to inform the departments of the progress of studies and seek feedback on aspects of the upcoming applications.

In late December 2022, the CFS Project was visited by representatives of the Australian Government's Department of Climate Change, the Environment, Energy and Water (CCEEW). The CFS Project

General Manager and internal Environmental Consultant were joined on this visit by leadership of the Walmbaar Aboriginal Corporation who represent the Dingaal Clan, one of the traditional landowners on whose land the CFS Project is located.

The lodgment of the Environmental Applications have been delayed and will be lodged in Q1 2023. The Company also plans to lodge a Progressive Rehabilitation and Closure Plan (PRCP) with the Queensland Department of Environment & Science (DES). The PRCP will outline how rehabilitation will be undertaken progressively throughout the life of the project and what work will be undertaken when the project is completed.

Traditional Landowner Update

To date, four meetings have been held with the negotiation representatives of the clans who are the traditional landowners of the planned Mining Lease Application (MLA) area. The Company has met with the Dingaal and Nguurruumungu representatives and their respective legal advisors and the negotiations are continuing.

The Company is now seeking to meet with the new Board of Hopevale Congress Aboriginal Corporation (HCAC), the Trustee landholder for the CFS project area. HCAC had been represented at previous negotiation meetings and with the number of changes to its Directors, discussions are expected to resume in Q1 2023.

In December 2022, Company representatives travelled to Cooktown to host an end of year celebration to acknowledge the strong and positive relationships which have been built throughout the year.

Appointment of GM Commercial

Mr Sam Fisher joined the Company in the December quarter. Sam has held senior commercial roles with BHP and New Hope Corporation. Sam's focus will be the growing interest from potential customers for the CFS Project. He brings significant bulk commodity sales experience to Metallica.



L—R Darren Deeral, Tina Moloney, Melisha Mclvor, Theo Psaros (Chairman Metallica), Jamiel Gibson, Shailand Deeral-Rosendale, Scott Waddell (Metallica CFO) Elias Thompson, Kenneth McLean (Chairman Walmbaar), Stanton Thompson, Ned Yoren, Gareth Deeral, Kai McLean, Wunjun McLean, Thudu Thompson

Purpose-built Jetty Development Application

A Development Application (DA) to the Queensland Government is being finalised for approval for the construction of a purpose-built jetty for the CFS Project. Prior to the DA being lodged, the CFS Project will require “Owner’s Consent” from the Traditional Landowners. This process of approval is underway.

On 13 September 2022, the Company received a letter from Department of Resources (DoR) clarifying the approvals pathway for port operations associated with existing or future silica project proposals on Cape York. The letter advises that investigations have not identified an approvals pathway for port operations proposed outside of existing port areas and are subject to the Sustainable Ports Act 2015.

The planned jetty is located within the Cape Flattery Port limit (see Figure 1 below). The Cape Flattery Port is already in operation, loading silica sand onto ships for export and is an area with existing approval for marine operations such as being contemplated by the Company.

The Jetty Development Application (DA) process has required engagement with a number of Queensland Government departments as well as the Hopevale Aboriginal Shire Council and Cook Shire Council. The DA is expected to be lodged in Q1 2023.

Potential Offtake partners

In August 2022, the Company announced it had signed a Memorandum of Understand (MoU) with Mitsui & Co., Limited (Mitsui). Mitsui is one of the largest global trading and investment companies based in Japan.

Metallica is continuing discussions with Mitsui and a number of potential off-take partners and customers. Further visits to the project with interested international customers are currently being planned.

Silica sand samples from the 2021 drilling programs have also been requested and dispatched to prospective offtake partners so they can better evaluate the quality of the silica sand that MLM has at the CFS Project.

Metallurgical Test Work

The next phase of metallurgical studies is underway and will concentrate on the iron content of the silica sand which has a strong bearing on the final product specification. With the optimum silica sand product having a sub 120ppm Fe₂O₃ content. A total of twelve samples will be submitted to Minerals Technologies for bench top variability testwork.

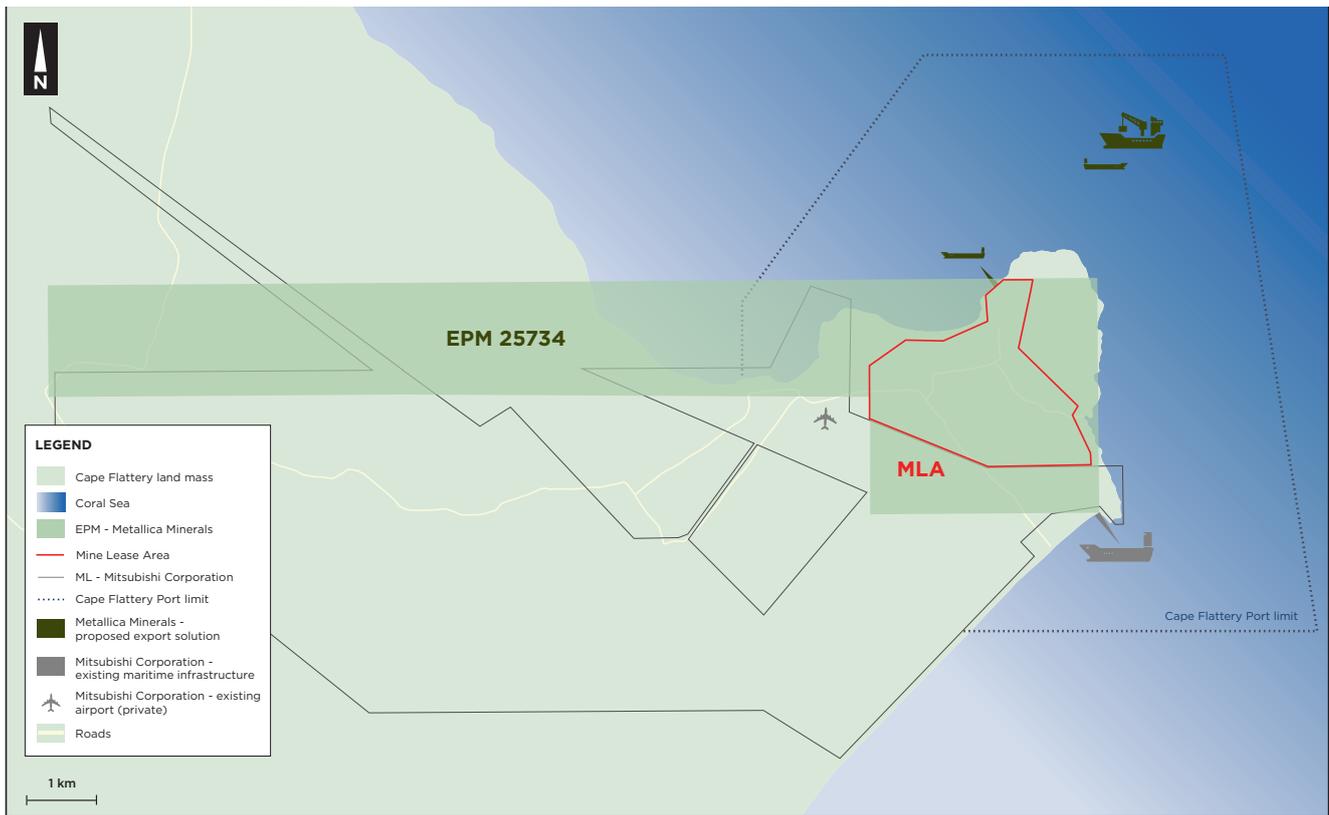


Figure 1: Metallica Minerals’ CFS EPM 25734 & MLA location adjacent to the Cape Flattery Port Limit and proximity of MLA area to the planned purpose-built jetty

Six of the samples are of “orange sand” with iron oxide content ranging from 0.15% to 0.5 % Fe₂O₃ with the other six samples comprising white sand with a similar range of iron content, however these sample are high in Titanium which accounts for the high iron content. The aim of the testwork is to determine the optimum Fe₂O₃ feed grade and sand type which will produce a sub 120ppm Fe₂O₃ product.

The results from these further studies will be used in a revised resource / reserve statement which will more accurately reflect the amount of silica sand available at the CFS Project which, when processed will meet the optimum product specification.

Western Areas Exploration

In August 2022, a 25 hole hand auger program was completed west of the Cape Flattery Silica project (ML100284) and the program will add to the strategic options and planning for this area (see ASX release 23 August 2022: Extensional exploration program commences west of the Cape Flattery Silica Sand project). The 25 hole auger program (WA145 to WA169) (see Figure 2) is comprised of 123m of hand auger drilling. The auger holes were designed to determine the quality of the silica sand.

The holes were augured vertically into individual sand dunes to a maximum depth of 5m, which was the physical limit that the auger was capable of drilling. High quality silica sand was intersected in twenty-three of the twenty-five holes drilled, indicating

that there is likely to be depth extensions to the high quality silica sand mineralisation. Assay results from this program were released to the market in September 2022.

In the December Quarter a LiDAR survey was completed over the Western Area to obtain detailed topographic data over the area which will be used to construct a detailed topographic map of the Western Areas. The resolution of the survey was to +/- 50cm.

Processing of the LiDAR data will result in a detailed Digital Elevation Model (DEM) being generated which will be used to calculate the volumes of sand dunes. Paired with the assay data already received, this will give a better understanding of the potential size of the Western Area silica sand deposit.

A maiden Inferred resource estimate for the Western Areas Silica Sand Project is expected to be completed during Q1 2023.

Future work on the Western Areas is expected to involve a tractor mounted vacuum rig drilling program to test the western sand dunes to a depth greater than 5m and to increase the drill hole density. Benchtop metallurgical testwork to determine the final product grade than can be achieved from the silica sand from the Western Areas through a processing circuit is also planned.

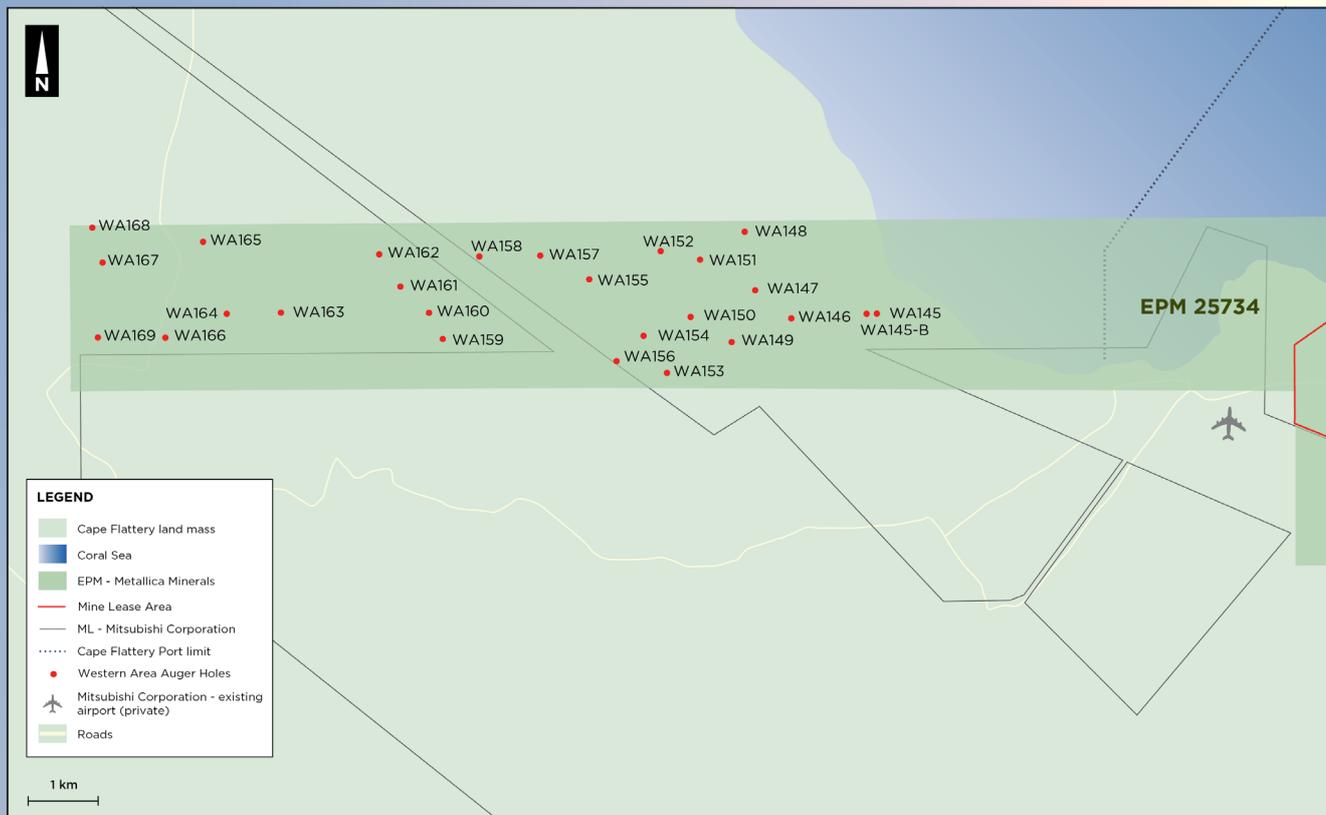


Figure 2: EPM25734 Auger Hole Locations

SILICA SAND

Sand is the world's most consumed raw material after water and an essential ingredient to our everyday lives. Yet, the world is facing a shortage — and climate scientists say it constitutes one of the greatest sustainability challenges of the 21st century.

For construction alone the world consumes roughly 40 - 50 billion tons of sand on an annual basis. That's enough to build a wall of 27 meters high by 27m wide that wraps around the planet every year.

The global rate of sand use which tripled over the past two decades partially as a result of surging urbanisation - far exceeds the natural rate at which sand is being replenished by the weathering of rocks by wind and water.

Sand is the worlds most consumed raw material after water and an essential ingredient to our everyday lives.

Source: A sand shortage? The world is running out of a crucial — but under-appreciated — commodity <https://www.cnbc.com/2021/03/05/sand-shortage-the-world-is-running-out-of-a-crucial-commodity.html>

According to industry research firm IMARC Group, high-purity silica sands are becoming more sought after, with the global market growing at a compound annual growth rate (CAGR) of around 6% between 2010 and 2017. In 2017, a total of 188 Mt of silica sand was produced globally.

This growth has been driven by silica sand's applications across a broad range of industries including glass-making, foundry casting, water filtration, chemicals and metals, hydraulic fracturing and an increasing number of hi-tech products, including solar panels. For example, in the global glass-making industry, one of the major consumers of high-purity silica has experienced significant growth recently from the construction and automotive industries. IMARC also estimated the global silica sand market could grow from US\$7 billion to US\$20 billion in 2024.

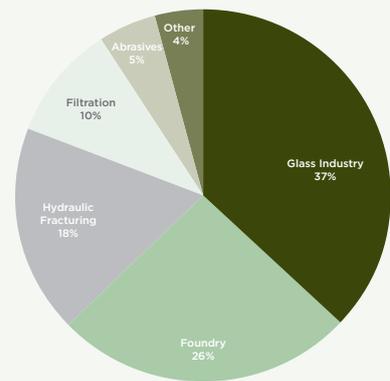
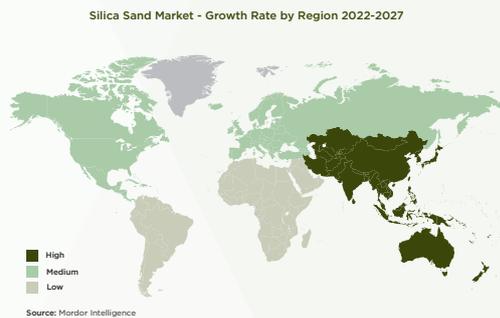
Source: www.imarcgroup.com/silica-sand-manufacturing-plant

Silica Sand Uses and Future Demand

Silica sand is the key ingredient in construction glass and the glass for vehicle windscreens. Demand from the renewable energy sector continues to rise driven by solar panel manufacturers.

Growing Markets - Ultra Clean Glass

- » Solar panels
- » Smartphones
- » Fibre optics
- » Tablets
- » LED lighting



- » The global silica sand market was valued at US\$ 21.6 Billion in 2021.
- » Global silica sand market to exhibit a CAGR of 6% during 2022-2027.
- » Solar PV capacity has grown 20 -fold over the past decade and forecast to triple in size over the next 10 years.



CLERMONT COPPER-GOLD

On 5 August 2021, the Company announced it had signed a Memorandum of Understanding (MoU) with Diatrema Resources for a potential Joint Venture on the Clermont Gold Copper Project which comprises of EPM 17968.

On 29 April 2022, the Company confirmed that it has met the expenditure commitment to earn 25% of the project. In addition, the Company made the decision to move to the second stage of the earn in phase of the agreement and increase its share to 51% of the project through a further \$700,000 spend on exploration activity to be completed prior to 27 April 2023.

During the September 2022 quarter, a magnetic survey and geochemical analysis were completed. This work has provided enough information to warrant further drilling on one of the existing holes. The hole will be extended by an additional 500m to 1,000m to determine if the copper grades continue to increase with depth.

The additional drilling is planned for Q2 2023 quarter depending on the weather conditions.





CORPORATE

The Annual General Meeting of the Company was held at 9:30am on Thursday 17 November 2022. All six resolutions were passed on a poll.

On 30 November 2022, the Company announced a Fully Underwritten placement of shares to new and existing shareholders to raise ~\$5.1 million at an issue price of 3.5c per share and a fully underwritten non-renounceable pro rata entitlement offer of \$4.5 million to existing shareholders at an offer price of 3.2c per share.

The Fully Underwritten placement was completed with significant support from global silica sand specialist Sibelco and continued support from existing substantial shareholders Ilwella and SPARTA AG.

On 21 December 2022, the Company announced that the non-renounceable underwritten entitlement issue closed raising \$4,518,375 (before costs). The final results from the Rights Issue are set out below:

	Funds raised	Shares
Entitlements taken up (including entitlements and applications under the Additional Share Facility)	\$3,686,702.78	115,209,462
Shortfall placed pursuant to the Underwriting Agreement	\$831,672.29	25,989,759
Total *	\$4,518,375.07	141,199,221

*The number of new Shares issued is subject to rounding.

The Shortfall shares were issued in accordance with the Underwriting Agreement and sub-underwriting arrangements described in the Company's Prospectus dated 7 December 2022.

The new securities were issued on 23 December 2022, in accordance with the timetable in the Prospectus.

The new funds will be used to progress a significant program of activity including:

- » Completing the Definitive Feasibility Study
- » Finalising the Environmental Applications for the CFS project and providing for any potential additional environmental study required by Federal and State environmental departments
- » Finalising negotiations with the Traditional Landowners
- » Progressing existing MOU arrangements and new marketing initiatives.

FINANCIAL AND CASHFLOW UPDATE FOR THE QUARTER

Attached to this report is the Appendix 5B containing Company's cash flow statement for the quarter. The significant cash outflows during the quarter include \$1,047k in relation to expenses for exploration and evaluation that were capitalised.

Cash inflows for the quarter were \$9,593k which related to the Fully Underwritten Placement and Rights Issue and \$158k which related to repayment of debt from current and prior Directors.

Metallica ended the December 2022 quarter with \$11.1 million in cash and without any debt.

Pursuant to ASX LR4.7C.1 and as outlined in the Appendix 5B, the aggregate amount paid to related parties and their associates of \$106k represents Director fees and the Executive Chairman salary. These payments relate to the existing remuneration agreements for the Executive and Non-Executive Directors.

STAY CONNECTED

We encourage Shareholders and other interested parties to sign up to our email database to receive updates direct from the Company. This can be done via the Contact Us page on our website.

Metallica Minerals will be presenting at the Brisbane Mining Energy and Minerals Investor Conference being held on 22 and 23 March 2023 at Royal on the Park.

MARCH 2023 QUARTER OUTLOOK

Metallica's focus for the March 2023 quarter is to:

- » Progress Definitive Feasibility Study (DFS) for the Cape Flattery Silica Sand Project;
- » Appoint Transshipment Service provider for the Cape Flattery Silica Sand DFS;
- » Continue to progress studies on options to build a barge-loading facility to tranship silica sand onto ocean-going vessels;
- » Continue environmental studies which are currently underway and submit an Environmental Authority application and Progressive Rehabilitation Closure Plan;
- » Submit a Referral Application to the Federal Government Department of CCEEW;
- » Progress negotiations and work toward finalising agreements with the Traditional Landowners for future mining operations;
- » Continue an assessment on the silica sand market and potential for establishing customer off-take agreements;
- » Continue further metallurgical test work the silica sand and iron variability study, with the results of this work feeding into the plant design and final product specifications;
- » Complete Maiden Inferred Resource for the Western Areas Project; and
- » Complete additional drilling at the Clermont Copper-Gold Project noting that any investment will not impact the progression of MLM's Cape Flattery Silica Sand project towards production.

INTEREST IN MINING TENEMENTS AT THE END OF THE QUARTER

This section provides information required under ASX listing rule 5.3.3 for mineral exploration entities.

State	Tenement Name	Tenement ID	Status	Location	Interest	Holder
QLD	Cape Flattery Silica	EPM 25734	Granted	Cape Flattery	100%	Cape Flattery Silica Pty Ltd
QLD	Cape Flattery Silica	ML 100284	Application	Cape Flattery	100%	Cape Flattery Silica Pty Ltd
QLD	Clermont Copper Gold	EPM 17968	Granted	Clermont	25%	PGE Minerals Pty Ltd

This announcement has been authorised by the Board of Metallica Minerals Limited.

NOTICES

COMPETENT PERSON STATEMENTS

Cape Flattery Silica Sands Exploration Results

The information in this report that relates to the Exploration Sampling and Exploration Results is based on information compiled by Mr Patrick Smith, a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy.

Mr Smith is the owner and sole Director of PSGS Pty Ltd and is contracted to Metallica Minerals as their Exploration Manager. Mr Smith confirms there is no potential for a conflict of interest in acting as the Competent Person. Mr Smith has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves".

Mr Smith consents to the inclusion of this information in the form and context in which it appears in this release/report.

Cape Flattery Silica Sands Mineral Resource

The information in this report that relates to the Cape Flattery Silica Project – Eastern Resource Area is based on information and modelling carried out by Chris Ainslie, Project Engineer, who is a full-time employee of Ausrocks Pty Ltd and a Member of the Australasian Institute of Mining & Metallurgy.

The work was supervised by Mr Carl Morandy, Mining Engineer who is Managing Director of Ausrocks Pty Ltd and a Member of the Australasian Institute of Mining & Metallurgy and also by Mr Brice Mutton who is a Senior Associate Geologist for Ausrocks Pty Ltd. Mr Mutton is a Fellow of the Australasian Institute of Mining & Metallurgy and a Fellow of the Australian Institute of Geoscientists. Mr Morandy and Mr Ainslie and Mr Mutton are employed by Ausrocks Pty Ltd who have been engaged by Metallica Minerals Ltd to prepare this independent report, there is no conflict of interest between the parties. Mr Morandy, Mr Ainslie and Mutton consent to the disclosure of information in the form and context in which it appears in this report.

The overall resource work for the Cape Flattery Silica Project – Eastern Resource Area is based on the direction and supervision of Mr Mutton who has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves".

REFERENCE TO PREVIOUS RELEASES

PFS and reserve figures of this announcement have been previously reported to the market in the report dated 21 March 2022.

Drilling, resource estimates and metallurgical results referred to in this announcement have been previously announced to the market in reports dated; 7 April 2022, 12 August 2021, 15 June 2021, 22 June 2021, and 2 March 2021 and are available to view and download from the Company's website: ASX Announcements – Metallica Minerals Limited

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. MLM confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

FORWARD-LOOKING STATEMENTS

Forward-looking statements are based on assumptions regarding Metallica, business strategies, plans and objectives of the Company for future operations and development and the environment in which Metallica may operate.

Forward-looking statements are based on current views, expectations and beliefs as at the date they are expressed and which are subject to various risks and uncertainties. Actual results, performance or achievements of Metallica could be materially different from those expressed in, or implied by, these forward-looking statements. The forward-looking statements contained in this presentation are not guarantees or assurances of future performance and involve known and unknown risks, uncertainties and other factors, many of which are beyond the control of Metallica, which may cause the actual results, performance or achievements of Metallica to differ materially from those expressed or implied by the forward-looking statements. For example, the factors that are likely to affect the results of Metallica include general economic conditions in Australia and globally; ability for Metallica to fund its activities; exchange rates; production levels or rates; demand for Metallica's products, competition in the markets in which Metallica does and will operate; and the inherent regulatory risks in the businesses of Metallica. Given these uncertainties, readers are cautioned to not place undue reliance on such forward-looking statements.

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

Metallica Minerals Limited

ABN

45 076 696 092

Quarter ended ("current quarter")

31 December 2022

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers		
1.2	Payments for		
	(a) exploration & evaluation (if expensed)		
	(b) development		
	(c) production		
	(d) staff costs	-49	-139
	(e) administration and corporate costs	-579	-930
1.3	Dividends received (see note 3)		
1.4	Interest received	12	22
1.5	Interest and other costs of finance paid		
1.6	Income taxes paid		
1.7	Government grants and tax incentives		
1.8	Other (provide details if material)		
1.9	Net cash from / (used in) operating activities	-616	-1,047
2.	Cash flows from investing activities		
2.1	Payments to acquire:		
	(a) entities		
	(b) tenements		
	(c) property, plant and equipment		
	(d) exploration & evaluation (if capitalised)	-1,047	-2,289
	(e) investments		
	(f) other non-current assets		
2.2	Proceeds from the disposal of:		
	(a) entities		
	(b) tenements		

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (3 months) \$A'000
(c) property, plant and equipment		
(d) investments		
(e) other non-current assets		
2.3 Cash flows from loans to other entities		
2.4 Dividends received (see note 3)		
2.5 Other (provide details if material)		
2.6 Net cash from / (used in) investing activities	-1,047	-2,289

3. Cash flows from financing activities		
3.1 Proceeds from issues of equity securities (excluding convertible debt securities)	9,593	9,593
3.2 Proceeds from issue of convertible debt securities		
3.3 Proceeds from exercise of options		
3.4 Transaction costs related to issues of equity securities or convertible debt securities	-536	-536
3.5 Proceeds from borrowings		
3.6 Repayment of borrowings	158	158
3.7 Transaction costs related to loans and borrowings		
3.8 Dividends paid		
3.9 Other (provide details if material)		
3.10 Net cash from / (used in) financing activities	9,215	9,215

4. Net increase / (decrease) in cash and cash equivalents for the period		
4.1 Cash and cash equivalents at beginning of period	3,587	5,260
4.2 Net cash from / (used in) operating activities (item 1.9 above)	-616	-1,047
4.3 Net cash from / (used in) investing activities (item 2.6 above)	-1,047	-2,289
4.4 Net cash from / (used in) financing activities (item 3.10 above)	9,215	9,215
4.5 Effect of movement in exchange rates on cash held		
4.6 Cash and cash equivalents at end of period	11,139	11,139

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

5. Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1 Bank balances	6,616	1,551
5.2 Call deposits	4,523	2,036
5.3 Bank overdrafts		
5.4 Other (provide details)		
5.5 Cash and cash equivalents at end of quarter (should equal item 4.6 above)	11,139	3,587

6. Payments to related parties of the entity and their associates

- 6.1 Aggregate amount of payments to related parties and their associates included in item 1 *
- 6.2 Aggregate amount of payments to related parties and their associates included in item 2

**Current quarter
\$A'000**

106

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments

Item 6.1 includes payments to the Executive Chairman and Director fees.

7. Financing facilities

Note: the term "facility" includes all forms of financing arrangements available to the entity.

Add notes as necessary for an understanding of the sources of finance available to the entity.

- 7.1 Loan facilities
- 7.2 Credit standby arrangements
- 7.3 Other (please specify)
- 7.4 **Total financing facilities**

**Total facility
amount at quarter
end
\$A'000**
**Amount drawn at
quarter end
\$A'000**
7.5 Unused financing facilities available at quarter end

- 7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (Item 1.9)	-616
8.2	Capitalised exploration & evaluation (Item 2.1(d))	-1,047
8.3	Total relevant outgoings (Item 8.1 + Item 8.2)	-1,663
8.4	Cash and cash equivalents at quarter end (Item 4.6)	11,139
8.5	Unused finance facilities available at quarter end (Item 7.5)	0
8.6	Total available funding (Item 8.4 + Item 8.5)	11,139
8.7	Estimated quarters of funding available (Item 8.6 divided by Item 8.3)	7

Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.

8.8 If Item 8.7 is less than 2 quarters, please provide answers to the following questions:

1. Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?

Answer: N/A

2. Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

Answer: N/A

3. Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer: N/A

Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.

Compliance statement

- This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- This statement gives a true and fair view of the matters disclosed.

17/1/2023

Date:

Authorised by: By the Board of Directors

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Notes

- This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
- If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, AASB 6: *Exploration for and Evaluation of Mineral Resources* and AASB 107: *Statement of Cash*

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Flows apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.

3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [*name of board committee – eg Audit and Risk Committee*]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.