

METALLICA MINERALS LIMITED | ASX:MLM

QUARTERLY REPORT

DECEMBER 2021



CAPE
FLATTERY
SILICA

ASX RELEASE

31 December 2021 Quarterly Report

19 January 2022

Metallica Minerals Limited an Australian resource development company, focused on becoming a Silica Sands producer.

ASX: MLM

Metallica Minerals Limited (ASX: MLM) (“Metallica”, “the Company”) is pleased to present its activities report for the quarterly period ending 31 December 2021.

Directors

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

Senior Management

Scott Waddell – CFO & Company Secretary
Nicholas Villa – General Manager,
Cape Flattery Silica Sand Project

CORPORATE AS AT 31 DECEMBER 2021

Issued Capital

568,023,140 Ordinary Shares
130,678,964 Listed Options
8,160,000 Unlisted Options

Shareholders

1,442 shareholders
Top 20 shareholders hold 46.8%

Largest Shareholders

Ilwella Pty Ltd – 19.6%
Dostal Nominees Pty Ltd – 6.1%
Rookharp Capital Pty Limited – 3.1%

Cash Balance

As at 31/12/2021, MLM’s cash balance was approximately \$5.1m

Website

metallicaminerals.com.au



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

KEY EVENTS

Updated Scoping Study completed showing an NPV⁸ before tax of \$253m (refer to table 1)

40% increase to 53.5Mt Resource at the Cape Flattery Silica sand Project (refer to table 2)

24 hole infill drilling program completed at Cape Flattery Silica sand Project

Native Title Negotiation Protocol document was finalised

Sale of unmarketable shares was completed

PFS team visited CFS project

\$5.1 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 2021 quarter, a third infill drilling program was successfully completed. The twenty-four (24) hole drilling program hole depths averaged approximately 16m with a maximum depth of 36m being drilled in hole CFS142 (see figure 1). These holes were drilled within the CFS Mining Lease Application area (MLA) using a vacuum-based drill rig (see figure 2). The combined database for the CFS Project now comprises 144 drill holes comprising approximately 2,000m of drilling.

High purity silica sand was intersected in 17 of the 24 holes with the high-grade sand occurring consistently as predicted by the resource model. The infill drilling indicates that the existing geological model is robust. The chip tray samples from hole CFS142 (being 36m in depth), is shown in figure 3 below. This sample shows a high proportion of clean white sand.

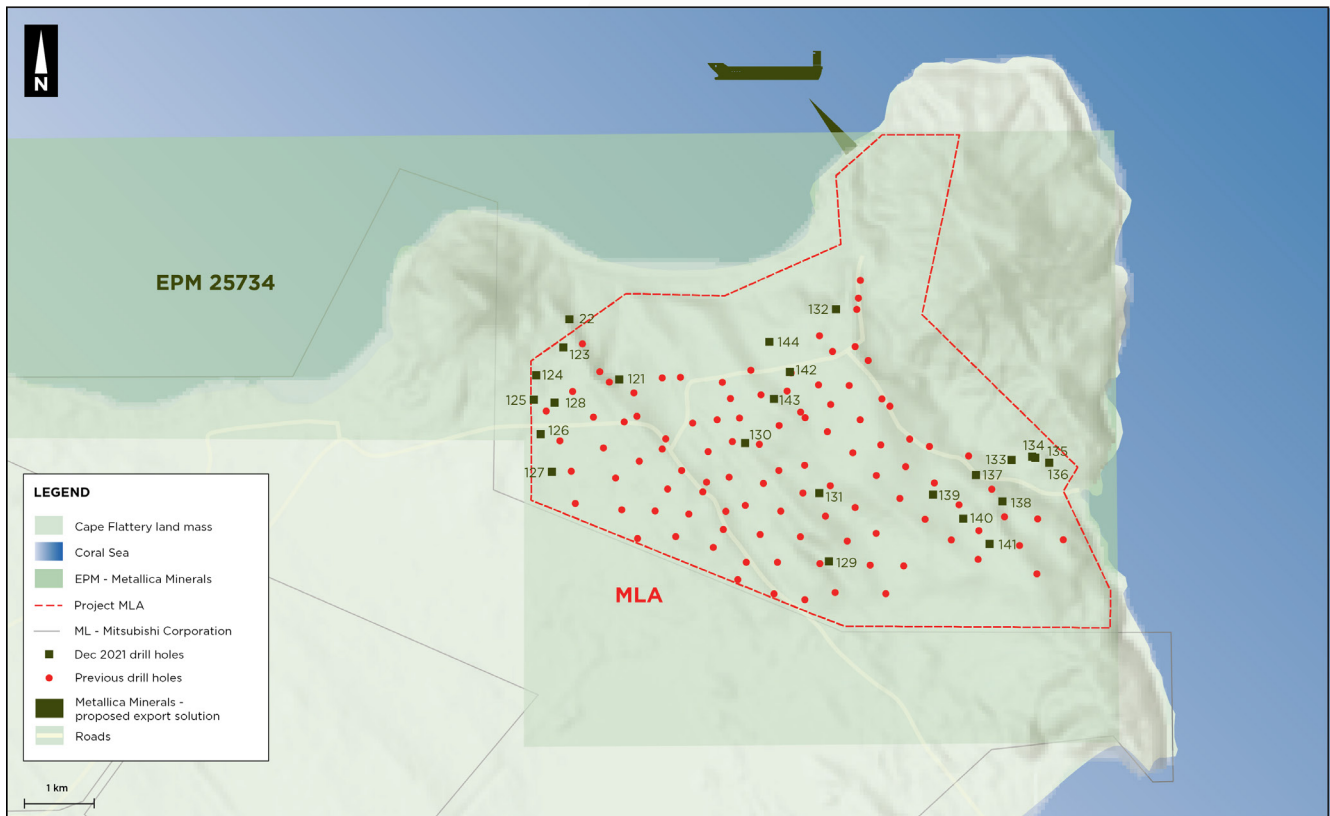


Figure 1: Drill hole location map in the Project's resource area, with Metallica's December 2021 drill holes shown in dark green and the prior program drill holes shown in red



Figure 2: Photo of Yearlong Contractors vacuum-based drill rig working at CFS project

Updated Scoping Study

On 10 November 2021, the Company announced a production target and updated Scoping Study for the Cape Flattery Silica Project.

The key outcomes are listed below;

- » New estimate of Mineral Resources includes 48Mt Measured and Indicated Resources (refer to Table 2)¹ supporting a forecast Run of Mine (RoM) extraction of 1.8Mtpa RoM to generate 1.35Mtpa silica sand product sales over a 22-year mine life.
- » The production target supports an estimated project NPV⁸ before tax of \$253m, with IRR of 38% and payback on capital of 2.9 years (pre-tax).
- » The updated Scoping Study has forecast that the project may generate net cash of approximately \$707M (pre-tax) over the 22-year period (after repayment of the initial capital).

The Production target incorporating the results of the updated Scoping Study demonstrates that the CFS Project has potential to provide significant financial returns including as shown in Table 1 below.

These results have increased the Company's confidence in the quality of the project.

Table 1: Key Results of the CFS Project

Description	Updated Scoping Study
NPV ⁸ before tax	AUD\$253m
IRR (before tax)	38%
Forecast sale price (US\$47.50/sales tonne)	AUD\$63
Site Operating Costs (AUD\$/sales tonne)	AUD\$33
Net forecast operating margin (AUD\$/sales tonne)	AUD\$30/t
Forecast net operating cash flow (1.35mt per annum)	\$37m
Payback on capital (from date of first production)	2.9 years

1. Refer ASX Release dated 21 October 2021 "Revised 40% Increase of the Cape Flattery Resource to 53.5Mt".
2. These results are based on the assumptions disclosed in the original Cape Flattery Scoping Study released to the ASX on 18 August 2021 (Initial Scoping Study)³ plus the upgraded Mineral Resource (refer to Table 2)¹.

Cautionary statement: There is a lower level of geological confidence associated with inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised.

3. The Company confirms that the material assumptions underpinning the forecast financial information in the initial public report announced on 18 August 2021 continue to apply and have not materially changed except as updated in this announcement.
4. First reported in ASX release dated 20th September 2021. "Latest Assay Results confirm significant intervals and extend High Purity Silica Sand a Cape Flattery Silica Sand Project".



Figure 3: Chip tray samples from hole C142 (being 36m in depth)

Increased Mineral Resource

On 21 October 2021, the Company announced that it had successfully upgraded the Resource at the Cape Flattery Silica Sand project. To 53.5Mt at an in-situ quality of 99.2% SiO₂ and 0.12% Fe₂O₃ (see Table 2).

Utilising the assay data from the August 2021 drilling program⁴ industrial mineral specialists, Ausrocks Pty Ltd, estimated a 40% increase to the resource, which includes a significant increase in the Indicated resource and the classification of Measured resource for the first time.

The area that contains the Measured resource category is where initial development is planned. This area also contains the highest silica grades and lowest iron content. Samples from the 20 holes within the Measured Resource area have been composited to produce a representative sample for metallurgical test work that is currently underway.

As disclosed in Figure 4 below, the distance from the Measured resource to the preferred location of the planned jetty is estimated to be approximately 3km. The proximity of the planned jetty to the project area is a key benefit as the jetty is located approximately 2 to 3 nautical miles from planned swing basins for loading larger ships.

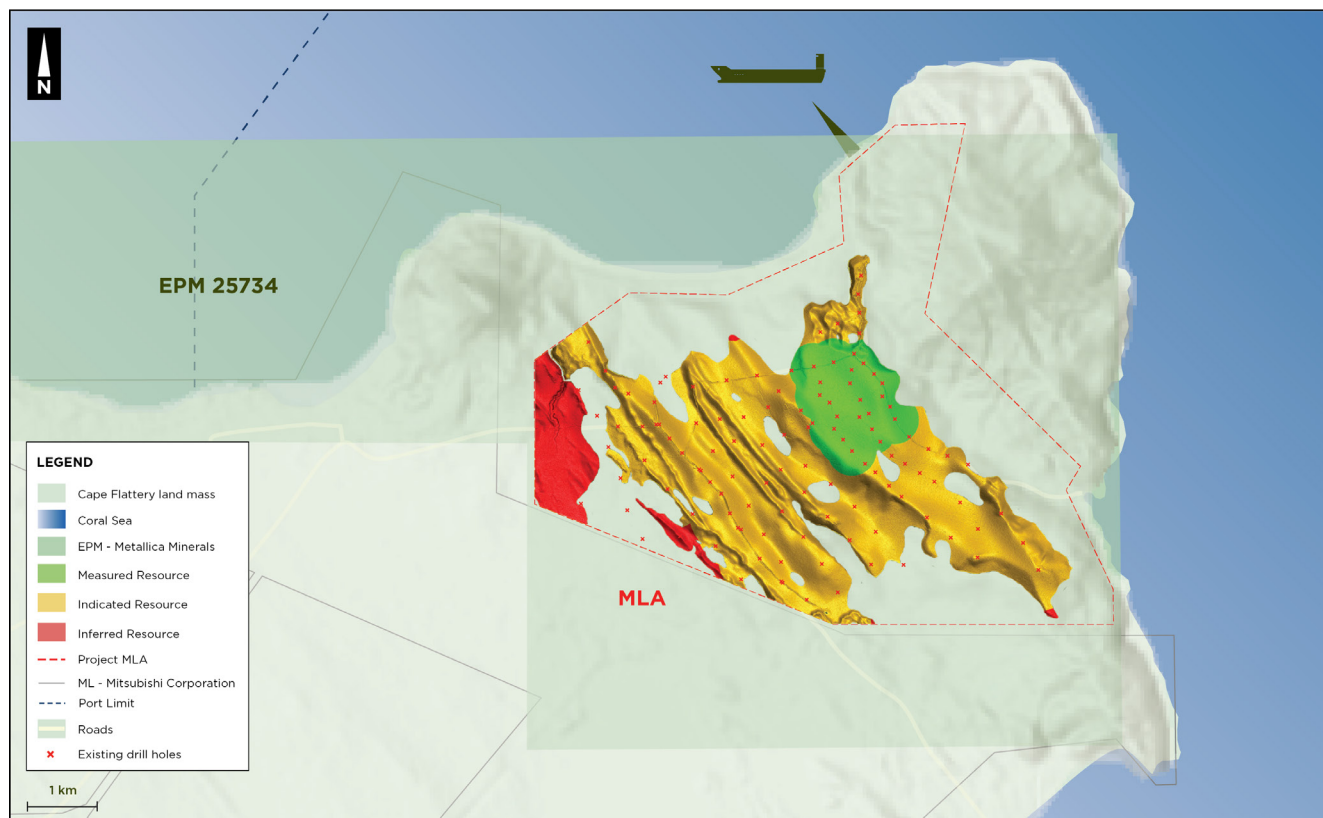


Figure 4: The CFS Project’s resource area situated within the Mining Lease Application (MLA) area, with the MLA’s boundary line shown as red dashes

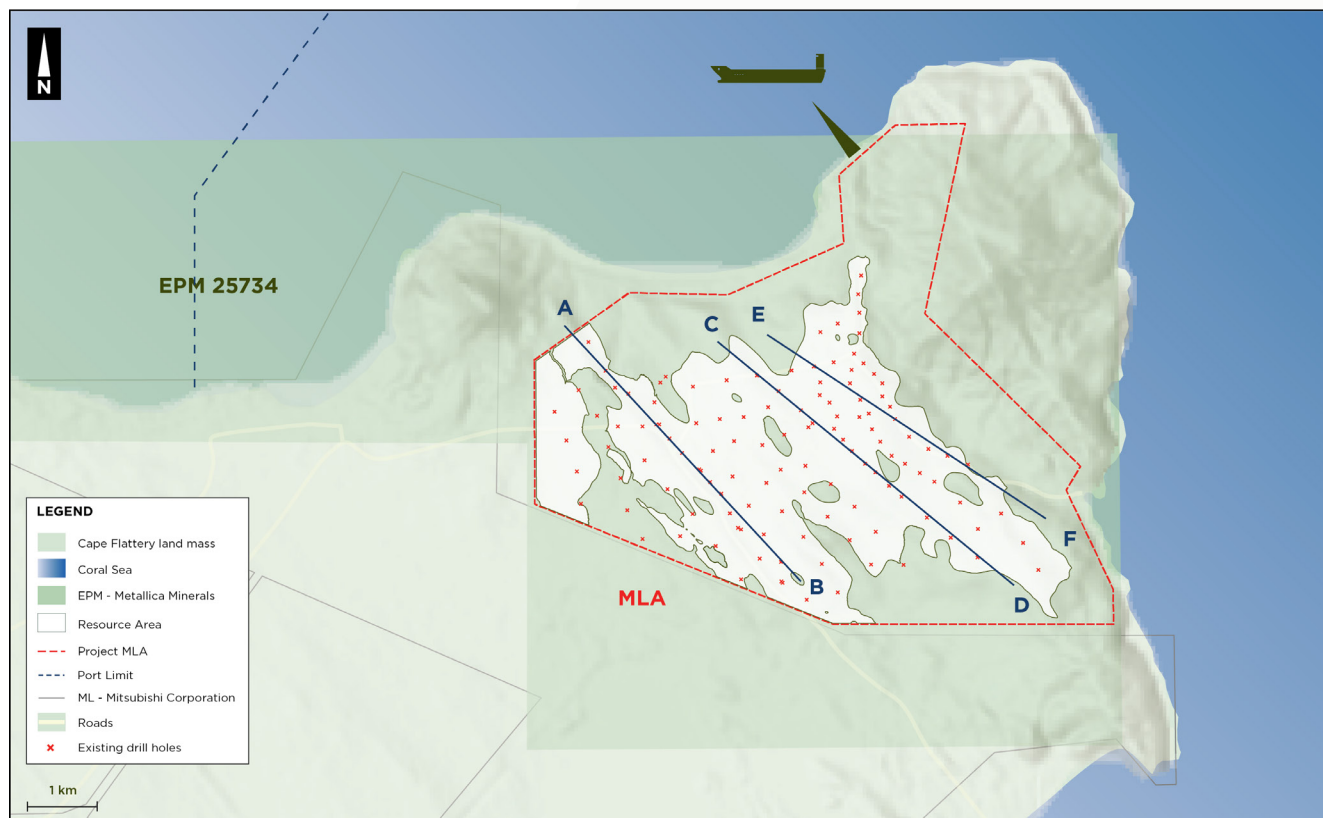


Figure 5: CFS Project – Location of sections (blue lines)

Three representative schematic sections of the SiO₂ resource contained within the CFS area (based on the Resource Model) are shown below in figures 5 to 8.

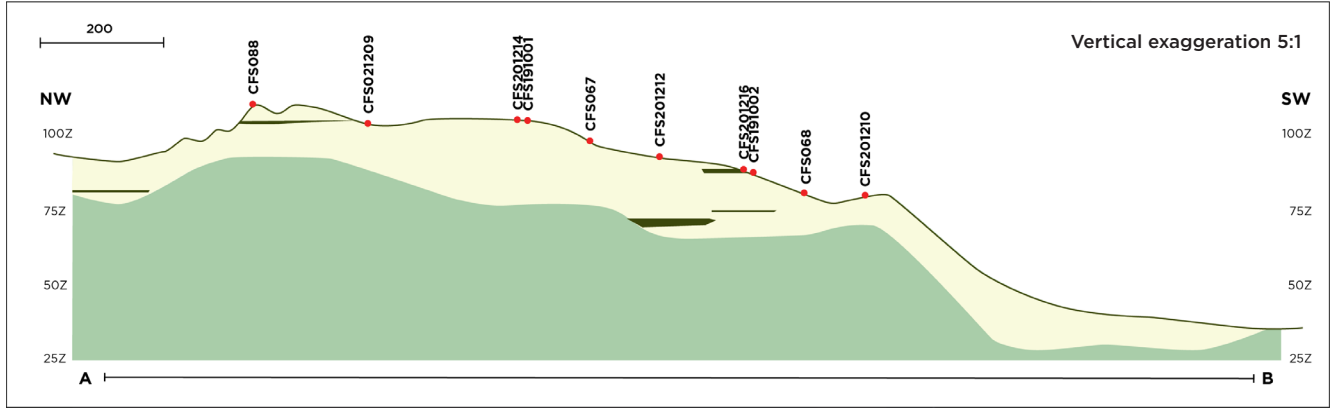


Figure 6: CFS Project Cross Section - Schematics based on Resource Model

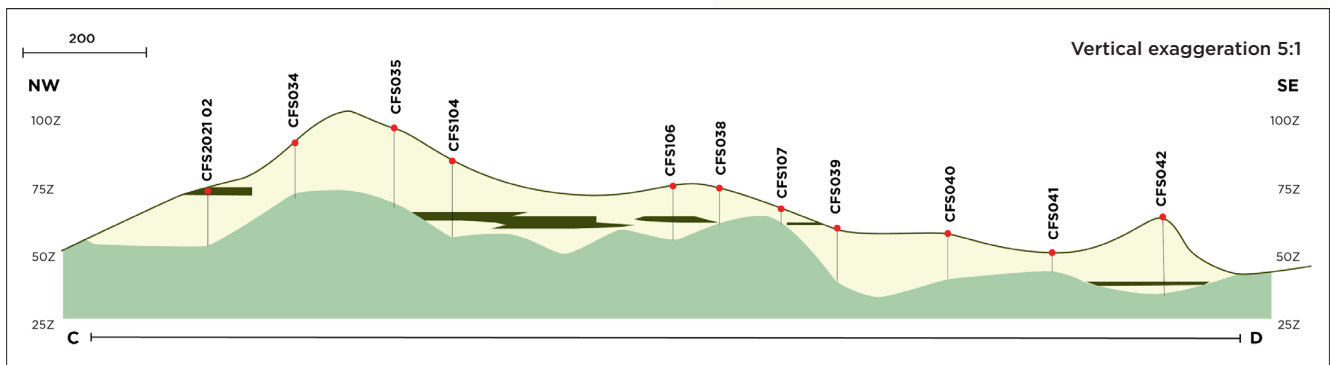


Figure 7: CFS Project Cross Section - Schematics based on Resource Model

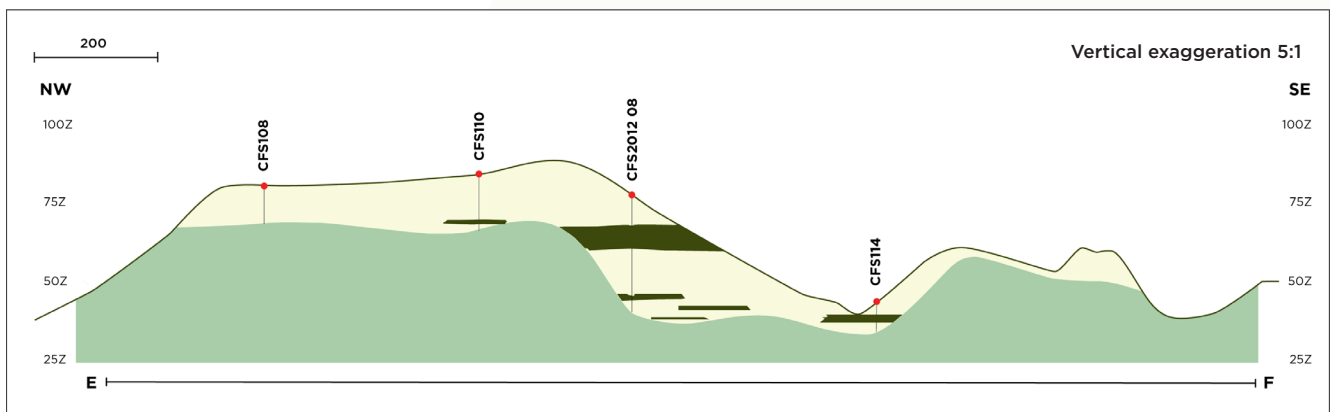


Figure 8: CFS Project Cross Section - Schematics based on Resource Model

LEGEND

- +98.5% SiO₂
- <98.5% SiO₂
- base of sand dune
- drill hole

Resource Estimate

Modelling of the Silica sand resource was undertaken using; 10m (L) x 10m (W) x 1m (H) blocks with 5m sub blocks (L) x 5m (W) x 0.5m (H) which were used to generate the block model. The blocks were constrained by the model boundaries, i.e., topography, geology, water table, base of hole and populated by the Ordinary Kriging (OK) estimation method to interpolate assay grades for each of the chosen elements (SiO_2 , Fe_2O_3 , Al_2O_3 , LOI and TiO_2). Inverse Distance Weighting (IDW - 4:1) was used to check the model and yielded similar results.

The upgraded CFS Resource Area is summarised in Table 2, as follows:

Table 2: Resource Area Cape Flattery Silica Project

Resource Category	Silica Sand (Mt)	SiO_2 (%)	Fe_2O_3 (%)	TiO_2 (%)	LOI (%)	Al_2O_3 (%)	Density (t/m^3)	Silica Sand (Mm^3)
Measured	9.6	99.29	0.10	0.13	0.18	0.08	1.6	5.97
Indicated	38.2	99.15	0.13	0.14	0.19	0.12	1.6	23.91
Inferred	5.7	99.26	0.11	0.11	0.18	0.16	1.6	3.54
Total	53.5	99.19	0.12	0.14	0.19	0.12	1.6	33.41

The resource has been prepared in accordance with the JORC Code 2012 - A cut-off grade 98.5% has been defined based on the surrounding data. These results show there is potential to produce a premium grade silica product using standard processing techniques.

The assays from the 24 hole infill drilling program completed in December 2021 are currently being processed and may form part of another upgraded Resource in Q1 2022.

Pre Feasibility Study (PFS)

In October 2021, a team of consultants and engineers travelled to the Cape Flattery Silica Sand project to gain first-hand knowledge of the project location and attributes. Representatives from Mineral Technologies, WAVE and Ausrocks were led by Nicholas Villa, General Manager of the project. Importantly, valuable discussions were held with Traditional Landowner representatives, whose input and feedback on the preferred location of key operational components was of significant benefit.

The PFS is designed to demonstrate the economic potential of the Cape Flattery Silica Project and due to be completed in Q1 2022.

The consulting firms to lead and provide input into each aspect of the PFS are:

Vendor	Portfolio
WAVE International	Lead Manager including assessment of marine engineering and transshipping options
Mineral Technologies	Metallurgy and mineral process design
Ausrocks	Geology and mine design
EPIC Environmental	Environmental planning and applications

Planning is also underway for a Definitive Feasibility Study (DFS) that is anticipated to follow completion of the PFS.

Traditional Landowner update

The formal process of negotiation with the Traditional Landowners from the Dingaal and Nguurruumungu clans for future mining operations has commenced.

The first community meeting was held on 6 October 2021 in Cooktown and the second meeting was held on 14 December 2021 in Hope Vale where the terms of a Negotiation Protocol document were finalised and each clans representation for the negotiation process was also agreed upon.

Next phase of Metallurgical testing

Metallurgical test work is still underway on additional bulk samples sourced from the exploration drilling program which was completed in August 2021. This test work will primarily focus on white sand with lower Fe_2O_3 levels. Previous metallurgy testing was undertaken on blended samples sand that had an SiO_2 level of greater than 98.5%.

The metallurgical testing and studies on of white sand samples will help determine the processing requirements and assist in understanding the marketability of a premium sand product. This will also assist in further engagement with potential offtake partners. Additional testing is underway and test results will be finalised in Q1 2022.

Samples have also been requested and sent to a prospective offtake partner for their evaluation of the silica sand extracted from recent drilling programs.



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\$8 billion to US\$20 billion in 2024.

Uses of Silica Sands

Silica Sands is quartz that over time, through the work of water and wind, has been broken down into tiny particles. The purity of Silica Sands varies from location to location due to environmental factors and as a result high purity sand is much sort after by end users.

The use of Silica Sands varies greatly but is used in production of Glass products; Architectural, Smartphones, Tablets, Automotive, Fiberglass, Solar Panels. Building products; Quarts surfaces, Roofing Shingles. Foundry Sand; Automotive and Manufacturing, Into Foundry Sand markets Fillers and Extenders, Chemicals and Construction Sands.

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

CLERMONT GOLD-COPPER



On 3 August 2021 the Company announced it had signed a Memorandum of Understanding (MoU) with Diatreme Resources for a potential Joint Venture on the Clermont Gold Copper Project which comprises of EPM 17968.

On 26 October 2021 the Company requested an extension to the initial expenditure stage, which was agreed to and extended to 29 April 2022. Drilling is planned to be undertaken in Q1 2022, subject to weather conditions.

The Key terms of the JV MoU are:

- » MLM will invest a minimum of \$300,000 by no later than 29 April 2022 and will then earn a 25% interest in the project.
- » Should MLM commit to continue to invest in the JV, after investing a further \$700,000, MLM will hold a 51% interest in the project.
- » MLM will then have the right to invest a further \$1m in the JV and will then hold 75% of the project.
- » The JV partners will then be entitled to contribute further funding to the project in proportion to the 75% (MLM) and 25% (DRX) holdings.

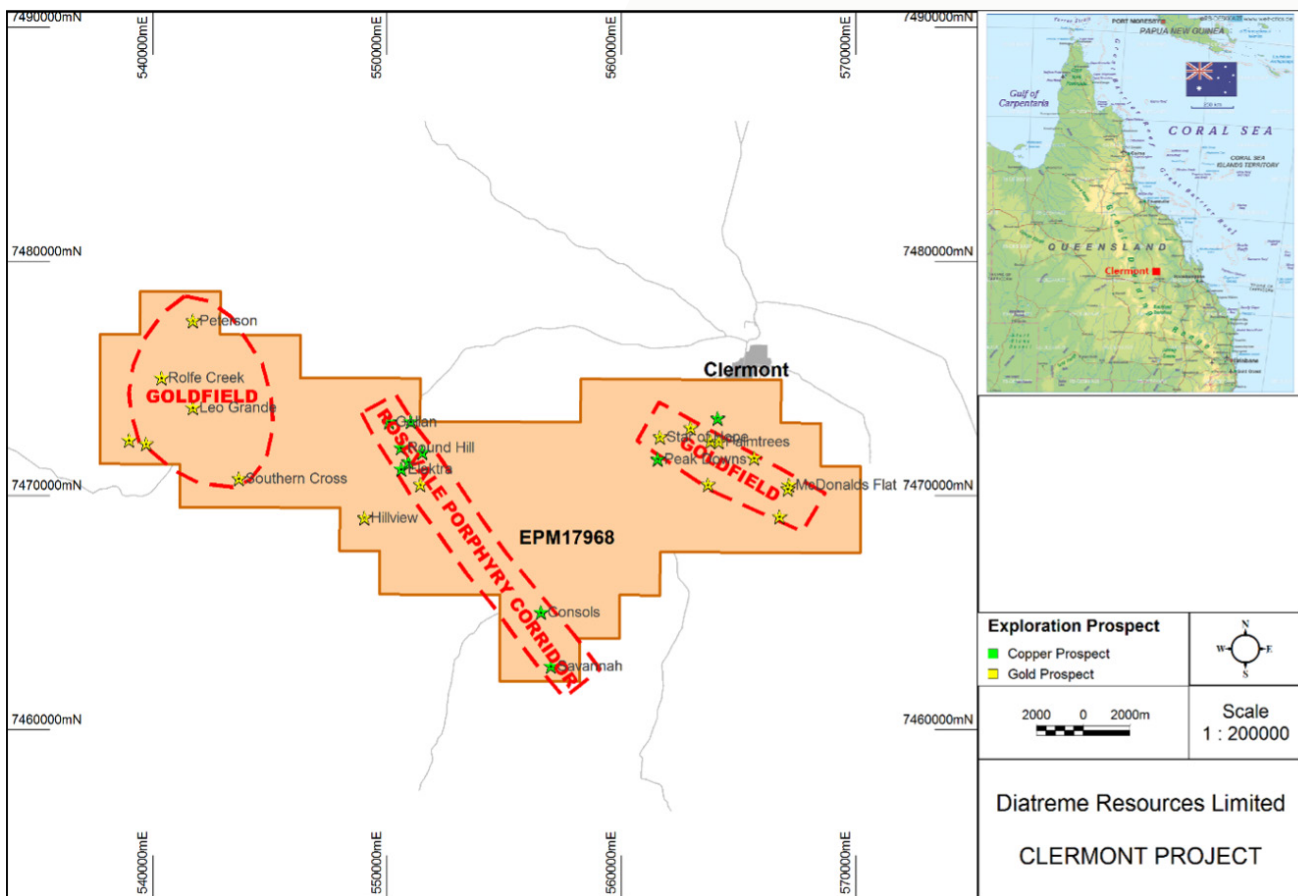


Figure 9: Clermont Gold Copper project historical targets

The project comprises EPM 17968 and consists of 80 sub-blocks, (approximately 240 km²) and is located south of the township of Clermont in Central Queensland. The project is held by Chalcophile Resources Pty Ltd, a 100% owned subsidiary of DRX and was granted in October 2015 for a period of five years. It has subsequently renewed for an additional 5 years and now expires in October 2025.

The Project area lies within the Anakie Inlier of east central Queensland (Figure 9) and contains known gold and copper mineralisation and historical copper and gold mine workings. The Company

has identified targets within the EPM representing potential to host Au-Cu veins and structurally controlled gold vein type mineralisation which the company will assess during the due diligence phase to determine how prospective each target is and whether significant copper or gold mineralisation can be identified at the target areas which can then potentially be progressed rapidly to JORC Status.

Copper and gold mineralisation will be the Company's primary focus for exploration within the EPM. Further information will be provided on the project once the due diligence phase has been completed.

CORPORATE

The Annual General Meeting of the Company was held at 10:00 am on Wednesday 17 November 2021 at the offices of Colin Biggers Paisley, Level 35 Waterfront Place, 1 Eagle Street, Brisbane QLD 4001. All resolutions were passed on a poll.

The Unmarketable Share Sale was finalised on 25 November 2021. The Company provided the facility to holders of Unmarketable Parcels to sell their shares without incurring any brokerage or handling costs that would otherwise make a sale of their shares uneconomic or difficult.

As at market close on 17 September 2021 (Record Date), there were 5,965,997 ordinary shares in the Company, held by 944 shareholders (representing approximately 1% of the total issued capital) that had a market value of less than A\$500 (Unmarketable Parcels).

The final number of eligible shares sold under the facility was 4,609,618 ordinary shares comprising 754 shareholders, which represents approximately 80% of eligible shareholders on 17 September 2021. The shares were sold on market by Mahe Capital Pty Ltd at an average price of \$0.025 per share.

Payment was dispatched to participating shareholders shortly after 25 November 2021.

COVID-19

The Company continues to follow recommendations from Queensland Health and the Australian Government to provide a COVID-19 safe workplace. The Company is also in the process of drafting a COVID-19 Policy which will ensure that any representative of the Company who travel to remote indigenous populations be fully vaccinated against COVID-19.

FINANCIAL & CASHFLOW UPDATE

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 \$892,000 spent in relation to expenses for exploration and evaluation. These costs included items for drilling the Cape Flattery Silica project, PFS expenditure, environmental approvals, metallurgical test work and TLO negotiations. There was no expenditure on development for the quarter.

Cash inflows for the quarter were \$6,000 which related to interest payments.

Metallica ended the December 2021 quarter with \$5.1 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 \$85,000 represents Director fees and the Executive Chairman salary. These payments relate to the existing remuneration agreements for the Executive and Non-Executive Directors.

No performance shares or options were issued to Directors during the quarter.

STAY CONNECTED

Following the ASX Announcement on the Updated Resource and Updated Scoping Study for the Cape Flattery Silica Sand Project, Executive Chairman Theo Psaros hosted two Question and Answer sessions to disseminate the Announcements. The Company remains committed to providing regular video updates when significant announcements have been made.

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.

MARCH 2022 QUARTER OUTLOOK

Metallica's focus for the March 2022 quarter is to:

- » Complete the Pre Feasibility Study, Metallurgical studies and Resource upgrade for Cape Flattery Silica Sand Project;
- » As a key component of the PFS 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;
- » Progress negotiations and work toward finalising agreements with the Traditional Landowners for future mining operations;
- » Progress work to finalise Definitive Feasibility study planning and seek Board approval to progress with DFS;
- » Continue an assessment on the silica sand market and potential for establishing customer off-take agreements;
- » Continue further metallurgical test work on additional bulk samples to be sourced from the July/August and December 2021 drilling program;
- » Complete Due Diligence for the Clermont Copper-Gold Project and then decide if a further investment into the Clermont project is warranted, 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

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

NOTICES

Competent Person Statements

The information in this announcement that relates to the Cape Flattery Silica Project-Eastern Exploration Target and this Resource Estimation was based on results and data collected and compiled by Mr Neil Mackenzie-Forbes, who is a Member of the Institute of Geoscientists and is a Consulting Geologist employed by Sebrof Projects Pty Ltd and engaged by Metallica Minerals Ltd. Mr Mackenzie-Forbes has more than 20 years mining and exploration experience in Australia with major mining and junior exploration companies. Mr Neil Mackenzie-Forbes consents to the inclusion of this information in the form and context in which it appears in this release/report.

The information in this announcement that relates to the Cape Flattery Silica Project - Eastern Resource Area is based on information and modeling undertaken by Mr Chris Ainslie, Geotechnical 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 Mr Mutton consent to the disclosure of information in the form and context in which it appears in this release/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".

The technical information in this report that relates to process metallurgy is based on information reviewed by Arno Kruger (MAusIMM) and work completed by IHC Mining. Mr Kruger is a metallurgical consultant and an employee of IHC Mining. Mr Kruger has sufficient experience that is relevant to the type of processing under consideration and to the activity being undertaken to qualify as a Competent Person as defined by the JORC Code 2012. Mr Kruger consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

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 2021

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers		9
1.2 Payments for		
(a) exploration & evaluation (if expensed)	-892	-1298
(b) development		-477
(c) production		
(d) staff costs	-150	-292
(e) administration and corporate costs	-148	-388
1.3 Dividends received (see note 3)		
1.4 Interest received	6	6
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	-1,183	-2,438
2. Cash flows from investing activities		
2.1 Payments to acquire:		
(a) entities		
(b) tenements		
(c) property, plant and equipment		-22
(d) exploration & evaluation (if capitalised)		
(e) investments		
(f) other non-current assets		

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (6 months) \$A'000
2.2 Proceeds from the disposal of:		
(a) entities		
(b) tenements		
(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	0	-22

3. Cash flows from financing activities		
3.1 Proceeds from issues of equity securities (excluding convertible debt securities)		
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		
3.5 Proceeds from borrowings		
3.6 Repayment of borrowings		
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	0	0

4. Net increase / (decrease) in cash and cash equivalents for the period		
4.1 Cash and cash equivalents at beginning of period	6,255	7,532
4.2 Net cash from / (used in) operating activities (item 1.9 above)	-1,183	-2,438
4.3 Net cash from / (used in) investing activities (item 2.6 above)		-22
4.4 Net cash from / (used in) financing activities (item 3.10 above)		

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 (6 months) \$A'000
4.5	Effect of movement in exchange rates on cash held		
4.6	Cash and cash equivalents at end of period	5,072	5,072

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	1,548	2,732
5.2	Call deposits	3,524	3,524
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)	5,072	6,255

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**

85

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

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

7. Financing facilities	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
<i>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.</i>		
7.1 Loan facilities		
7.2 Credit standby arrangements		
7.3 Other (please specify)		
7.4 Total financing facilities		
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.		

8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (Item 1.9)	-1,183
8.2 Capitalised exploration & evaluation (Item 2.1(d))	0
8.3 Total relevant outgoings (Item 8.1 + Item 8.2)	-1,183
8.4 Cash and cash equivalents at quarter end (Item 4.6)	5,072
8.5 Unused finance facilities available at quarter end (Item 7.5)	0
8.6 Total available funding (Item 8.4 + Item 8.5)	5,072
8.7 Estimated quarters of funding available (Item 8.6 divided by Item 8.3)	4

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

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

19 January 2022

Date:

Authorised by: By the Board of Directors

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Notes

1. 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.
2. 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 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.