

ASX: CLE

Cyclone Metals Limited (ASX: CLE) (Cyclone Metals or the Company) is focused on developing its flagship **Iron Bear Iron Ore Project**. The Company also has investments in several exploration and mining projects, providing exposure to global lithium, iron ore, copper and gold (refer to Annexure 2) which include shares in listed ASX entities valued at \$8.12m as of 29 January 2024.

PROJECTS

Iron Bear Iron Ore Project

Iron Bear Project Location

The Iron Bear iron ore project (previous referred to as Block 103 magnetite) is located in the Labrador Trough in Canada next to the town of Schefferville and is less than **25km from an open access heavy haul railway** directly connected to the Port Sept Isles iron ore export facilities (refer Figure 1).



Figure 1 - Location of Project Iron Bear

Iron Bear Project Highlights (as of 28/01/2024)

- 1 **Asset location in Canada, less than 25km from an open access heavy haul railway** directly connected to the Pointe Noire iron ore export port
- 2 **World class 100% owned iron ore Inferred Mineral Resource of 7.2 billion tonnes @ 29.2% Fe** (reported in compliance with the provisions of the NI43-101 and JORC Codes)
- 3 An independent economic study¹ highlights: **NPV = CAD 7.4 billion @ 8% WACC for 16.6 Mta production** of blast furnace pellets with a low **pellet OPEX of USD 46.6 / t FOB Sept Isles**
- 4 **Ultra-low carbon footprint** due to access to low-cost Hydropower
- 5 **Production of high quality 70.6% Fe DRI² grade concentrate with silica below 1.2%** due to exceptionally low impurity ore body
- 6 Rapid project development plan with **bulk samples of DRI and BF concentrate available for steel mill clients in Q1, 2024**

1: www.sedar.com .Filter by search company database, then Document type: Technical report NI 43-101 and Company name: M3 Metals. Date of filing: 2013

2: DRI = Direct Reduction Iron refers to the production of ultra-high grade quality magnetite concentrate

Block 103 Quarterly Activities to end of December 2023

Cyclone is pleased to report that its operational activities are on track and broadly aligned with the operational plan disclosed in June 2023:

PROJECT IRON BEAR STRATEGY ON A PAGE (SOAP)

Direct Reduction Operation Milestones

- X Operational milestone
- X Op. milestone achieved
- X Op. milestone delayed
- X Op. milestone failed
- ▼ Value re-rating milestones



Activity	Activity	Activity	Activity	Activity
1 Convert mineral resource to JORC	6 Client ready BF DR grade concentrate bulk samples	11 Drilling and upgrade of mineral resource	15 Close EIB agreements with first nations	19 Set up capital project team in Canada
2 Metallurgical test work on 1.6t of sediment	7 Small scale pilot plant	12 Environ. mitigation studies	16 Binding offtake agreement with steel mill partner	20 Complete environmental approvals
3 Specifications of BF Concentrate	8 Client ready pellet samples (August)	13 Pre-Feasibility Study for DR operation	17 FS for DR operation	21 Complete access and community approvals
4 Specifications of DR ¹ grade concentrate	9 VIU ² model and carbon footprint	14 MOU / JV with steel mills & traders	18 Access agreements	22 Confirm logistics access for DR operations
5 Mineral resource upgrade	10 Economic studies (Scoping / PEA)			
700 kUSD	830 kUSD	15 MUSD	55 MUSD	10 MUSD

KEY ACTIVITIES
DELIVERABLES

INDICATIVE
BUDGET

Expected by end Feb 24

1: DR = Direct Reduction Operation refers to the production of magnetite concentrate and DR pellets
 2: VIU = Value In Use which corresponds to modelling economic value of concentrate / pellet for steel mill including carbon footprint



The achievement of milestone 4 is very significant as it demonstrates that Iron Bear could potentially be one of a handful of iron ore producers with the capability to produce premium DR grade concentrates which achieve very high premiums on the seaborne market. These high-quality magnetite concentrates are critical for the steel industry to reduce their carbon footprint and are expected to replace less fuel-efficient Direct Shipping Ores currently produced mainly in Australia and Brazil. Access to a large and low-cost source of DR grade magnetite concentrate could provide a very substantial structural competitive advantage to a steel mill producing in Europe or exporting to Europe. Cyclone is planning to start shipping bulk samples of high-quality magnetite concentrates end of Q1, 2024 (milestone 6) produced in a small-scale industrial pilot plant (milestone 7).

These bulk samples of concentrate will be shipped to selected steel mills which will be able to benefit the most from using Iron Bear ultra-low carbon products. This should put Cyclone in a good position to start negotiations for a strategic joint venture. The imposition of aggressive carbon taxes on steel imported or produced in the EU will be phased in between 2026 and 2035, which should provide a powerful incentive for potential customers to secure our future production.

Concurrently, we are also working to upgrade the Mineral Resource (milestone 5), in terms of size and quality. Specifically, we are aiming to re-classify a portion of the Mineral Resource to Indicated. This will permit evaluation and estimation of Ore Reserves.

Cyclone has been able to locate a high-quality magnetic survey of its Iron Bear claims and we are working with Perth-based geophysicists, Resource Potentials, to correlate this data with the existing drilling results and to leverage this to upgrade the mineral resource. This is a complex endeavor, and the outcome remains uncertain. However, if successful, this would enable Cyclone to forego a costly drilling program.

Cyclone is committed to being transparent with stakeholders and investors and will update progress on the SOAP on a regular basis.

Iron Bear Quarterly Activities to end of December 2023

The key activities/achievements relating directly to Project Iron Bear during the quarter ending December 2023 include:

1. The mobilisation of a Cyclone Metals team to Schefferville in November 2023 to select 10 tonnes of representative sediment samples of the Iron Bear deposit. These samples were collected in one tonne bulka-bags and shipped to Corem in Quebec City.
2. The successful completion of phase 1 of the metallurgical test work program which has enabled the Company to:
 - a. define the characteristics of the blast furnace and direct reduction concentrates which will be produced by Iron Bear
 - b. define the flow sheet and associated yields for the processing of the sediment mined. This will flow into the updated economic studies which are anticipated to be completed end of February 2024 (milestone 10)
 - c. design the industrial pilot plant which will be used to produce bulk samples of concentrate which will be shipped to steel mills for validation and metallurgical test work. These bulk samples are typically 100 kg to 300 kg of concentrate. Initially CLE plans to produce approximately 2 tonnes of concentrate – which will also be used for internal pelletizing test work.



3. The completion of a detailed desktop study on the supply of renewable hydropower to the Iron Bear Project. This is a critical component as the access to cheap hydropower is the biggest single cost driver for the production of magnetite concentrate. We are pleased to report that our initial findings suggest that Iron Bear should be able to access sufficient hydropower from the Menihék hydropower facilities located approximately 68km from Schefferville.

1. *Field operations in Schefferville, Canada, November 2023*

In November 2023, CLE sent a technical team to Canada led by Jeremy Peters, our consultant geologist and mining engineer, who was assisted by three local technicians.

In spite of challenging logistics and weather in Schefferville, the Cyclone team accessed four 40' sea containers containing around 100t of drill core from previous drilling campaigns. A further 20' sea container was discovered, containing an estimated 10t more core. An estimated 10t from these cores were logged, selected and packaged before being shipped to a metallurgical laboratory in Quebec City.



Sea container with Iron Bear sediment cores, weighing ~ 30 tonnes in total



Cores inside partially empty sea container



CLE Chief Geologist





View of packaged 1m³ bulk bags being trucked to the railway station

2. Completion of phase 1 of the metallurgical test work program

Paul Vermeulen, Cyclone's GM Technical and Steel Markets GM, has designed a four-phase metallurgical program to perform laboratory and pilot testing to develop and validate the process design and flowsheet of Iron Bear, and produce bulk samples of magnetite concentrate and DR grade pellets. This program started in September 2023 and phase one has been completed as planned. The initial results are exceptional and suggest that Iron Bear will produce some of the cleanest and most valuable magnetite concentrates available in the market today.

2.1 Direct Reduction Concentrate Specifications and Yields

Cyclone has engaged Corem, based in Quebec City, Canada, to complete the first phase of metallurgical test work for Iron Bear. This work demonstrated, after extensive test work, that the following direct reduction and blast furnace magnetite concentrates can be achieved using standard industrial processes:

% by weight	Fe	SiO ₂	Al ₂ O ₃	CaO	MgO	MnO	P ₂ O ₅	S _{total}	TiO ₂
DR conc.	70.6	1.2	< 0.1	0.08	0.09	0.06	< 0.01	0.005	< 0.01
BF conc.	68.7	3.4	< 0.1	0.15	0.18	0.08	< 0.01	0.005	0.01

BF Conc.	K ₂ O	Na ₂ O	V ₂ O ₅	ZrO ₂	ZnO	FeO	LOI	Other	Sum
DR conc.	<0.01	<0.1	<0.01	<0.02	<0.01	33.4	-3.23	0.28	99.8
BF conc.	<0.01	<0.1	<0.01	<0.02	<0.01	31.6	-3.11	0.32	99.5

< = below detection limit.

- The BF concentrate is achieved at P80 @ 32 microns with an 97% recovery of magnetic Fe.
- The DR concentrate is achieved at P80 @ 32 microns with an 80% recovery of magnetic Fe.
- Based on a benchmark 62% Fe iron price of USD 137 / t as of 12/12/23, and the applicable blast furnace premiums, the estimated price of the Iron Bear DR Magnetite Concentrate is **USD 167 / t CIF China** which is a 30+ USD/t premium over the benchmark. However, it is important to note that the value of the DR concentrate is much higher if it is integrated into the production of DR pellets.



2.2 Overview of Test Work to Produce Iron Bear Magnetite Concentrates

The blast furnace magnetite concentrate will be our 'base' magnetite product which will be produced by leveraging three stage magnetite separation to minimise production costs.

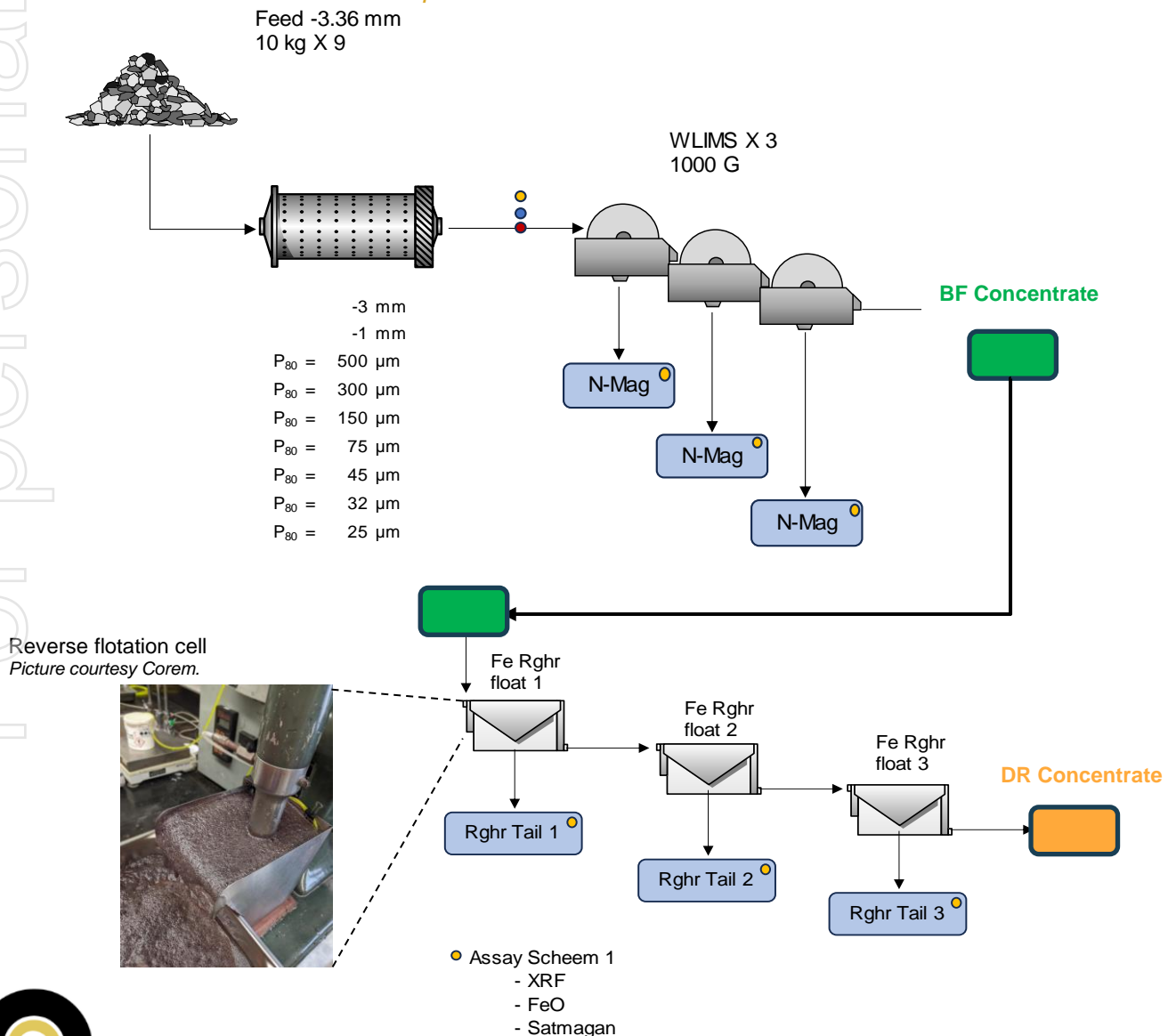
Corem performed eight tests at different grind sizes with three stage Wet Low Intensity Magnetic Separation (**WLIMS**) at a field intensity of 1000G. The optimum results were achieved at P80 of 32 microns which delivered the blast furnace product specifications with a Fe grade of 68.7% and silica of 3.4% with an excellent magnetite recovery of over 97%.

The DR magnetite concentrate will be our premium magnetite ultra-low silica product which will be used as a feed to produce high value DR pellets. The DR magnetite concentrate will be produced by simply adding a reverse flotation stage to our 'base' BF concentrate and, as such, can be activated or de-activated based on market conditions and customer requirements.

Corem performed seven reverse flotation test runs to reduce the silica at different grind sizes using two different reagents and various flotation times between 6 and 16 minutes.

The optimum results were achieved at a P80 of 32 microns and 45 microns which delivered the best combination of silica grade reduction and Fe recovery (above 80%). The feed material was the standard Iron Bear BF concentrate which grades 3.4% silica.

Overview of industrial test work to produce Iron Bear concentrate.



3. Flow Sheet Design and Pilot Plant

Based on the metallurgical test work of phase 1, Cyclone has completed the design of an optimised process flow sheet. The associated mass and energy balances have been defined and calibrated to reflect a full-scale process plant and this information is being integrated into an updated economic study which is anticipated to be completed by end of March 2024 (milestone 10).

However, this design needs to be further refined and calibrated based on industrial scale test work. For this reason, Cyclone has commissioned Corem to build an industrial pilot in their facilities in Quebec City based which replicates the optimised process flow sheet outlined above. In addition, Cyclone has conditioned and shipped to Corem an additional ten tonnes of Iron Bear sediment to feed this pilot plant (refer to *Field operations in Schefferville, Canada, November 2023*). The pilot plant will produce approximately two tonnes of bulk samples of blast furnace grade and direct reduction concentrate. These concentrate samples will be used for pelletizing test work planned to start in May 2024 (milestone 8), and also to provide bulk samples of Iron Bear concentrates to steel mills for validation and metallurgical test work.

As mentioned previously, this is a critical element of Cyclone's strategy, as steel mills know that most iron ore juniors, who claim to be able to produce high grade products, are rarely (if ever) capable of providing proof of their claims in the shape of bulk 200kg-300kg product samples. We are committed to successfully demonstrate our capabilities to steel mills to produce sustainably low carbon iron ore concentrate



Iron Bear pilot plant setup at COREM facilities

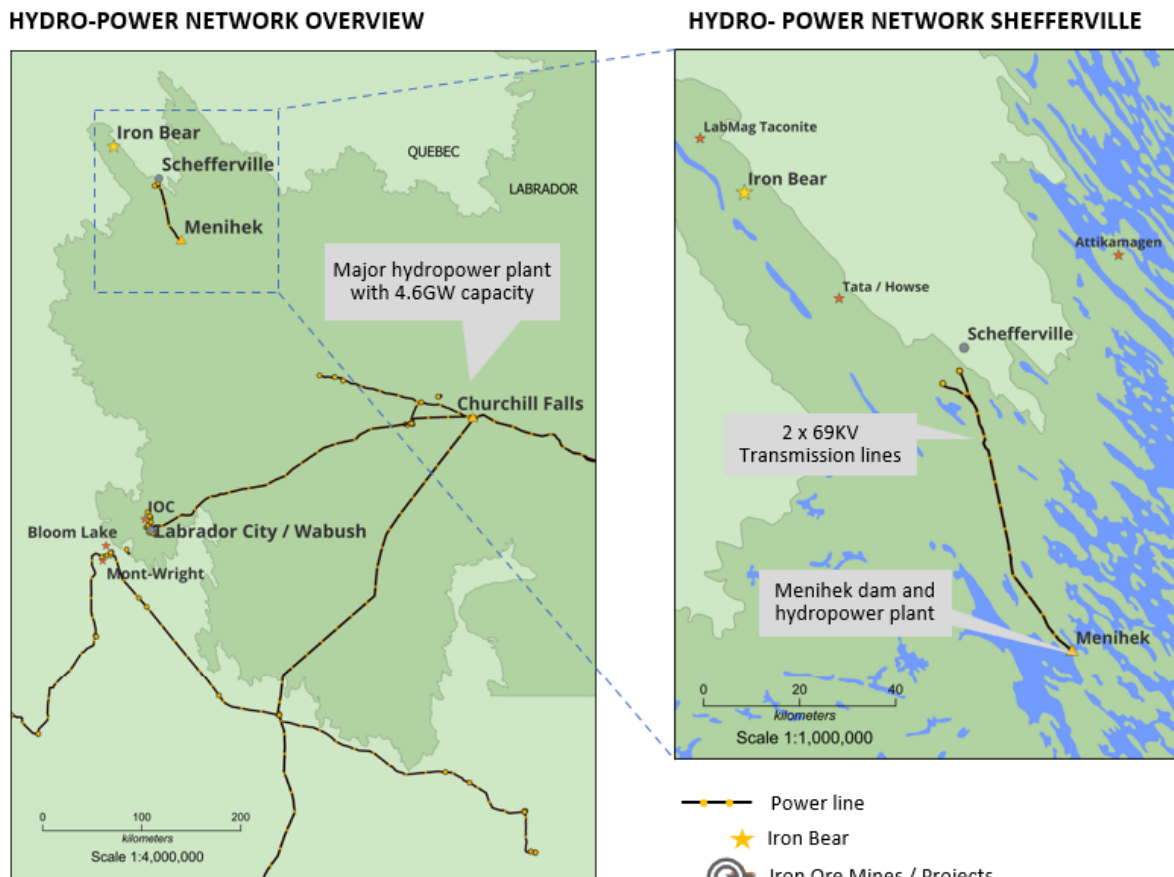


3. Desktop Study on Iron Bear Access to Hydropower

Access to cheap hydropower is the biggest single cost driver for the production of magnetite concentrate and is critical for the success of Project Iron Bear. The Preliminary Economic Assessment¹ (PEA) completed by BBA in 2013, which is publicly available on the SEDAR database, assumed that all the required fuel and energy would be shipped by train – which obviously drives high costs and a high carbon footprint. The CLE team has completed a detailed study to evaluate the opportunity to leverage the Menihek hydro-plant which is located approximately 130 km away from the Iron Bear mineral resource.

Whilst the Menihek hydro-plant currently only provides ~20MW to Schefferville via two 69kV powerlines, we estimate that unutilised capacity at the hydro-plant should be able to produce up to 200MW for a total CAPEX which is estimated not exceed USD 145m. This would most likely be reflected in an increase in electricity price of ~ USD 1ct/kWh assuming a take or pay agreement. For reference, the power requirements of Project Iron Bear are estimated to be roughly ~150MW at full production.

Menihek hydropower and dam location



1: Refer to Power calculation in appendices
 2: Assuming 20-year payback with IRR of 10%, USD 120m Capex and 150 MW power

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Menihek Hydro-Plant Study Summary

- Menihek hydropower plant is located 68km from Schefferville and approximately 130km from Iron Bear
- Menihek is connected to Schefferville with two 69kV powerlines. The estimated combined capacity of the powerlines is ~200¹MW.
- Menihek features a 228.6m long gravity dam and a spillway with a capacity of 4,247 cubic meters per second. The estimated power generating capacity of the existing spillway is 135-247¹MW
- There are currently three turbines installed with a combined capacity of 18.7MW. These turbines date back to the 1960s and the powerhouse was designed for four turbines
- Menihec is owned by NHL and operated by Hydro-Quebec which has an offtake agreement at 0.02 and 0.03 CAD/kWh



REQUIRED UPGRADES FOR 20 Mta PELLETS PRODUCTION

- 3 x 50 MW turbines to be installed and upgraded of powerhouse and spillway. Estimated CAPEX ~ USD 120¹m
- 70km of powerlines between Schefferville and Iron Bear. Estimated CAPEX USD 25m
- Total CAPEX =USD 145m
- Amortisation of CAPEX on power cost : **1² cent USD / kWh**



Grand Port

Grand Port Limited holds 100% of 6 projects over a diversified portfolio of gold, copper, nickel and PGE assets in New Zealand (figure 3).



Figure 3 – Location of Grand Port Projects

On 14 July 2023, the Company announced that it has entered into a binding term sheet for the sale of its non-core gold assets that includes Grand Port to BVI registered company Moosh Moosh Limited (**Moosh**). As of the date of this report, the completion of the sale to Moosh has not occurred and as such the Company continues to investigate options regarding the divestment of this project. In addition, the Company is currently undertaking the required geological field work to maintain the licenses in good standing and is exploring other opportunities to add value to this valuable exploration asset.

Wee MacGregor

Cyclone holds a 20% interest in the Wee Macgregor project which comprises three granted mining licences, ML 2504, ML 2773 and ML 90098. These licences are located approximately 60km southeast of Mt Isa. The Wee Macgregor project (licence ML 2504) has an existing JORC 2012 estimated Inferred Resource of 1.65Mt @ 1.6% Copper and an exploration target of between 1.0 – 1.5Mt @ 2.3 – 3.7% Cu.



Cohiba Minerals Limited (Cohiba), through wholly owned subsidiary Cobalt X Pty Ltd, has earned an 80% interest in mining licences ML 2504, ML 2773 and ML 90098 under a Farm-in agreement with Cyclone. The Company retains a 20% interest in the mining licences and a pre-emptive right over the remaining 80%.

The Lady Ethleen tenement (ML 2771) has been 100% retained by Cyclone (**Lady Ethleen**). The Lady Ethleen tenement has been utilized for a trial mining and processing exercise using a newly developed green leach process known as GlyLeach™ (refer ASX announcement 4 October 2020).

There has been no exploration undertaken during the December Quarter on the Wee MacGregor Project

Nickol River Gold Project

The Nickol River Project (NRP) comprises seven granted Mining Leases (M47/87, M47/127, M47/401, M47/421, M47/435, M47/455, M47/577), two Prospecting Licences (P47/1524, P47/1812), and five Miscellaneous Licences (L47/686, L47/687, L47/688, L47/689, L47/565 (application)) (refer Figure 4).

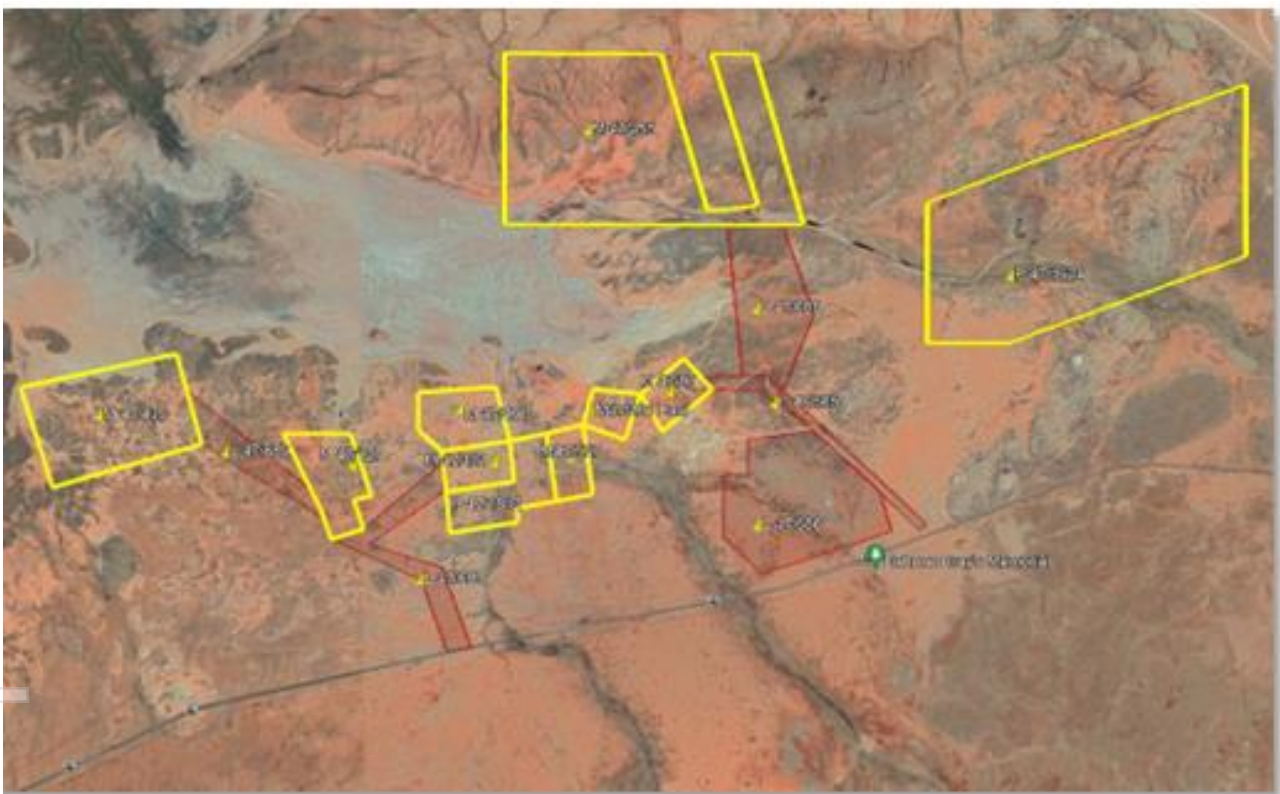


Figure 4 - Nickol River Project location and tenements, located 10km east of Karratha in the West Pilbara of Western Australia

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Corporate Review

Funding

On 14 November 2023, the Company announced that it received an investment of \$1.34m (before expenses) via the issue of secured notes brokered by CPS Capital Group Pty Ltd to fund its flagship Block 103 Project and for general working capital purposes (**CPS Facility**). The notes carry a face value of \$1.25 and are repayable via the Company's shareholding in European Lithium Ltd (ASX: EUR) securities at the discretion of the note holder after a 90 day standstill period.

Board Changes

On 27 November 2023, the Company announced the resignation of Mr Will Scott as Non-Executive Director of the Company with effect from 23 November 2023.

Shareholder Meeting

On 29 November 2023, the Company held its annual general meeting (**AGM**) of shareholders. All resolutions were carried at the AGM.

Conversion of Debt

On 16 October 2023, the Company advised that it had come to an agreement with Okewood Pty Ltd (**Okewood**), a related party to Tony Sage, to convert \$146,667 of debt into equity. Shareholder approval for this transaction was received at the AGM and the Company subsequently issued 146,666,640 shares to Okewood on 5 December 2023.

Other Securities Movements

On 18 October 2023, the Company issued 100,000,000 unlisted options (\$0.002 each expiring 18/10/2024) to a consultant of the Company for the provision of marketing and promotional services.

On 5 December 2023, the Company issued 60,000,000 shares in respect to the conversion of debt in relation to the Block 103 acquisition.

Following receipt of approval at the AGM, on 5 December 2023 the Company issued the following unlisted options to Directors and consultants of the Company:

- 500,000,000 unlisted options (\$0.003 each expiring 5/12/2024)
- 240,000,000 unlisted options (\$0.005 each expiring 5/12/2025)
- 210,000,000 unlisted options (\$0.010 each expiring 5/12/2026)

Appendix 5B Quarterly Report and Statement of Cash Flows

The ASX Appendix 5B quarterly report is attached to and lodged with this report. The Company's Appendix 5B Quarterly Report covers the 3-month period from 1 October 2023 to 31 December 2023.

During the quarter, exploration and evaluation expenditure was \$646k, predominantly associated with work undertaken on the Block 103 Project, holding costs and tenement compliance costs. Administration and corporate expenditure during the quarter was \$701k including the payment of past creditors. Investing activities during the quarter included the receipt of \$448k from the sale of listed investments and a payment of \$55k for the repayment of a debt in relation to the Block 103 acquisition. Financing activities during the quarter included the receipt of funds of \$1,340k (before expenses) from the CPS Facility and \$90k from a short-term loan with European Lithium Ltd (EUR). The EUR loan was subsequently repaid on 16 November 2023 totalling \$91k (including accrued interest).



As at 31 December 2023, the Company had approximately \$389k.

Payments to Related Parties and their Associates

In accordance with ASX Listing Rule 5.3.5, payments to related parties of the Company and their associates during the quarter totalled \$485k relating to the Executive Directors salary and Non-Executive Director fees (\$460k) and payments to Director related entity (\$25k) in respect to the current and prior periods. These amounts are included at item 6.1 and item 6.2 of the Appendix 5B.

On 18 October 2023, the Company entered into a loan agreement and received funds of \$90,000 from European Lithium Ltd (ASX: EUR). The loan accrued interest of 7.5% per annum. The loan was repaid during the quarter. Mr Tony Sage is a director of EUR.

Announcement authorised for release by the Board of Cyclone Metals.

Competent Person Statement

The information in this report that relates to the Block 103 Project has been reviewed and compiled by Jeremy Peters FAusIMM CP (Mining, Geology), a Director of Burnt Shirt Pty Ltd, who has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration 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 Jeremy Peters consents to the inclusion of this information in the form and context in which it appears in this report.



APPENDIX 1: TENEMENT STATUS

The mining tenements held at the end of each quarter, acquired and disposed of during the quarter and their location:

Tenement reference	Project & Location	Acquired interest during the quarter	Disposed interest during the quarter	Interest at the end of quarter
Kukuna Project - EL 22/2012	Kukuna – Sierra Leone	-	-	100%
ML 90098	Wee MacGregor - Queensland	-	-	20%
ML 2504	Wee MacGregor - Queensland	-	-	20%
ML 2771	Wee MacGregor - Queensland	-	-	100%
ML 2773	Wee MacGregor - Queensland	-	-	20%
E47/3176	Nickol River – Western Australia	-	100%	0%
L47/565 ¹	Nickol River – Western Australia	-	-	100%
L47/686	Nickol River – Western Australia	-	-	100%
L47/687	Nickol River – Western Australia	-	-	100%
L47/688	Nickol River – Western Australia	-	-	100%
L47/689	Nickol River – Western Australia	-	-	100%
M47/087	Nickol River – Western Australia	-	-	100%
M47/127	Nickol River – Western Australia	-	-	100%
M47/401	Nickol River – Western Australia	-	-	100%
M47/421	Nickol River – Western Australia	-	-	100%
M47/435	Nickol River – Western Australia	-	-	100%
M47/455	Nickol River – Western Australia	-	-	100%
M47/577	Nickol River – Western Australia	-	-	100%
P47/1524	Nickol River – Western Australia	-	-	100%
P47/1812	Nickol River – Western Australia	-	-	100%
EP60671	Muir's Reef – New Zealand	-	-	100%
PP60709	Muir's Surrounds – New Zealand	-	-	100%
EP60663	Mareburn – New Zealand	-	-	100%
PP60700	Macraes South – New Zealand	-	-	100%
PP60707	Drybread – New Zealand	-	-	100%
PP60708	Waikerikeri – New Zealand	-	-	100%
EP60694	Longwood Range Prinz – New Zealand	-	-	100%
PP60693	Longwood Range M'vale – New Zealand	-	-	100%
EP60692	Longwood Range Tops – New Zealand	-	-	100%
Iron Bear	Labrador Trough - Canada	-	-	100%

No beneficial interests were lost in farm-out agreements during the quarter.



APPENDIX 2: GROUP STRUCTURE AND INVESTMENTS

Exploration Projects

Iron Bear Iron Ore Project
CLE - 100%
Canada

Nickol River Project*
CLE - 100%
Western Australia

Wee MacGregor Copper Project
CLE - 20%
Qld, Australia

Grand Port Project*
CLE - 100%
New Zealand

Kukuna Iron Ore Project
CLE
Sierra Leone

Investments

CuFe Limited (ASX: CUF)
12.75% interest
Iron Ore, copper (Australia)

International Goldfields Limited (Unlisted)
18.82% interest
Gold (Australia / Cote d'Ivoire / Brazil)

European Lithium Limited (ASX: EUR)
4.20% interest
Lithium (Austria)

* The Company is in the process of divesting these non-core gold assets

For further information please contact:

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Appendix 5B

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

Name of entity

Cyclone Metals Limited

ABN

71 095 047 920

Quarter ended ("current quarter")

31 December 2023

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	-	-
1.2 Payments for		
(a) exploration & evaluation	(646)	(923)
(b) development	-	-
(c) production	-	-
(d) staff costs	-	-
(e) administration and corporate costs	(701)	(711)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	1	1
1.5 Interest and other costs of finance paid	-	-
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	-	-
1.8 Other	-	-
1.9 Net cash from / (used in) operating activities	(1,346)	(1,633)

2. Cash flows from investing activities		
2.1 Payments to acquire or for:		
(a) entities	-	-
(b) tenements	-	-
(c) property, plant and equipment	(6)	(6)
(d) exploration & evaluation	-	-
(e) investments	-	-
(f) other non-current assets	-	-

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
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	448	468
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (Settlement of loan in respect to Block 103 acquisition)	(55)	(55)
2.6	Net cash from / (used in) investing activities	387	407

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	1,430	1,630
3.6	Repayment of borrowings	(91)	(91)
3.7	Transaction costs related to loans and borrowings	(29)	(29)
3.8	Dividends paid	-	-
3.9	Other (legal costs associated with funding options)	-	(23)
3.10	Net cash from / (used in) financing activities	1,310	1,487

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	38	128
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(1,346)	(1,633)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	387	407
4.4	Net cash from / (used in) financing activities (item 3.10 above)	1,310	1,487

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	389	389

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	389	38
5.2	Call deposits	-	-
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)	389	38

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	485
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

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.

7.	Financing facilities <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>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
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			

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)	(1,346)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	-
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(1,346)
8.4	Cash and cash equivalents at quarter end (item 4.6)	389
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	389
8.7	Estimated quarters of funding available (item 8.6 divided by item 8.3)	0.29
	<i>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.</i>	
8.8	If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
8.8.1	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?	
	Yes.	
8.8.2	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?	
	Yes. The Company continues to seek alternative funding options including the realisation of certain of the Company's unencumbered financial assets through the sale of its listed shares (if required).	
8.8.3	Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?	
	Yes. The Directors believe that it is reasonably foreseeable that the Company will continue as a going concern based on the following factors: <ul style="list-style-type: none"> ▪ Raising additional funds (as outlined above) ▪ Realisation of certain of the Company's unencumbered financial assets through the sale of its listed shares (if required) 	
	<i>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.</i>	

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.

Date: 31 January 2024

Authorised by: Board of Directors
(Name of body or officer authorising release – see note 4)

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.