



**Eclipse Metals Limited**

**ABN 85 142 366 541  
and its controlled entities**

**Report for the half-year ended  
31 December 2022**

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## Corporate directory

### Board of Directors

Mr. Carl Popal	Executive Chairman
Mr. Rodney Dale	Non-Executive Director
Mr. Ibrar Idrees	Non-Executive Director
Dr Oliver Kreuzer	Non-Executive Director

### Company Secretary

Matthew Foy

### Registered Office and Principal Place of Business

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Email: [info@eclipsemetals.com.au](mailto:info@eclipsemetals.com.au)

### Postal Address

PO Box 1395  
West Perth, Western Australia 6872

### Website

Website: [www.eclipsemetals.com.au](http://www.eclipsemetals.com.au)

### Auditors

Stantons  
Level 2, 40 Kings Park Road  
West Perth, Western Australia 6005

### Share Registry

Automic Group  
Level 5, 191 St Georges Terrace  
Perth, Western Australia 6000

### Securities Exchange

Australian Securities Exchange Limited  
Level 40, Central Park  
152-158 St Georges Terrace  
Perth, Western Australia 6000

### ASX Code

Shares: EPM

## Half year report for the half-year ended 31 December 2022

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## Directors' report

The directors of Eclipse Metals Limited ("the Company") submit herewith the operations and financial report of Eclipse Metals Limited and its controlled entities ("the Group") for the half-year ended 31 December 2022. In order to comply with the provisions of the Corporations Act 2001, the directors report as follows:

### Directors

Mr. Carl Popal  
Mr. Rodney Dale  
Mr. Ibrar Idrees  
Dr. Oliver Kreuzer

### Operating Results

The loss before income tax for the Group for the half-year ended 31 December 2022 amounted to \$767,318 compared to a loss before income tax of \$608,430 for the half-year ended 31 December 2021.

## REVIEW OF OPERATIONS

Eclipse Metals Ltd (**Eclipse** or the **Company**) is an Australian exploration company focused on exploring south-western Greenland, Northern Territory and Queensland for multi commodity mineralisation. Eclipse Metals Ltd has an impressive portfolio of assets prospective for cryolite, fluorite, siderite, quartz, REE, gold, platinum group metals, manganese, palladium, vanadium and uranium mineralisation.

### IVITTUUT PROJECT – GREENLAND

Eclipse acquired mineral exploration licence MEL2007-45 in Greenland in January 2021. The project area hosts the historic Ivigtût cryolite mine and undeveloped mineral resources. Over 120 years, between 1865 and 1985, the Ivigtût mine produced 3.8 million tonnes of high-grade cryolite for use in the aluminum industry, from the world's largest known minable resource of naturally occurring cryolite (**Figures 1 & 2**).

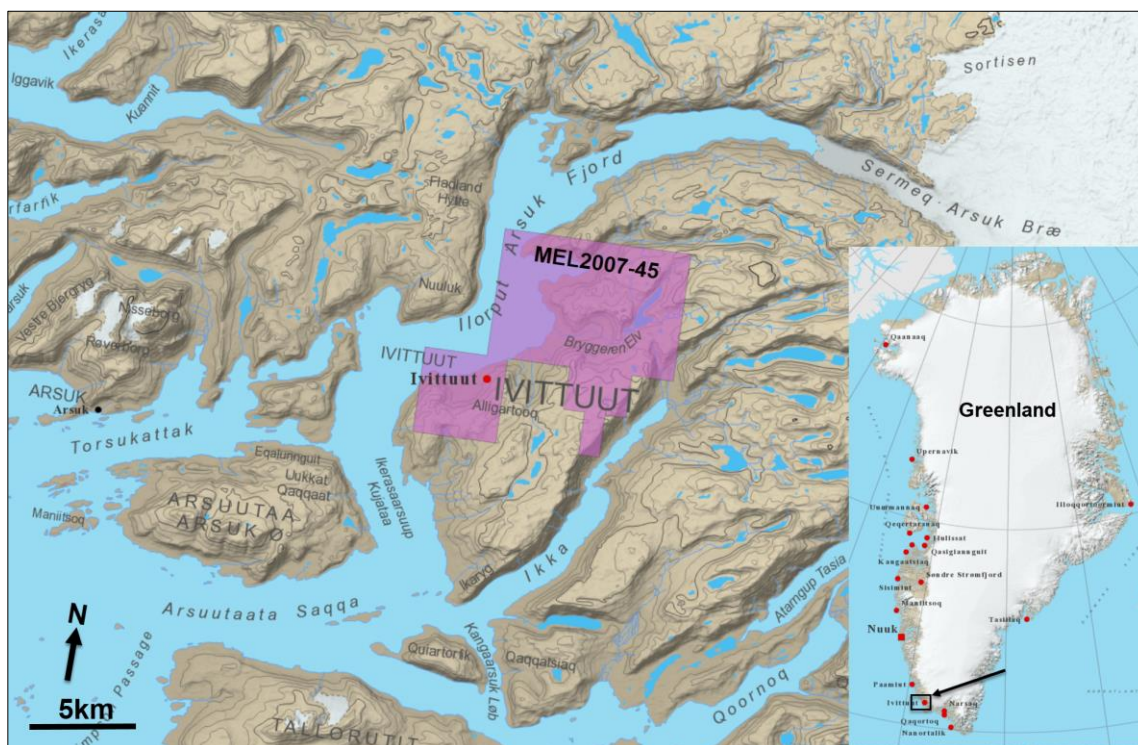
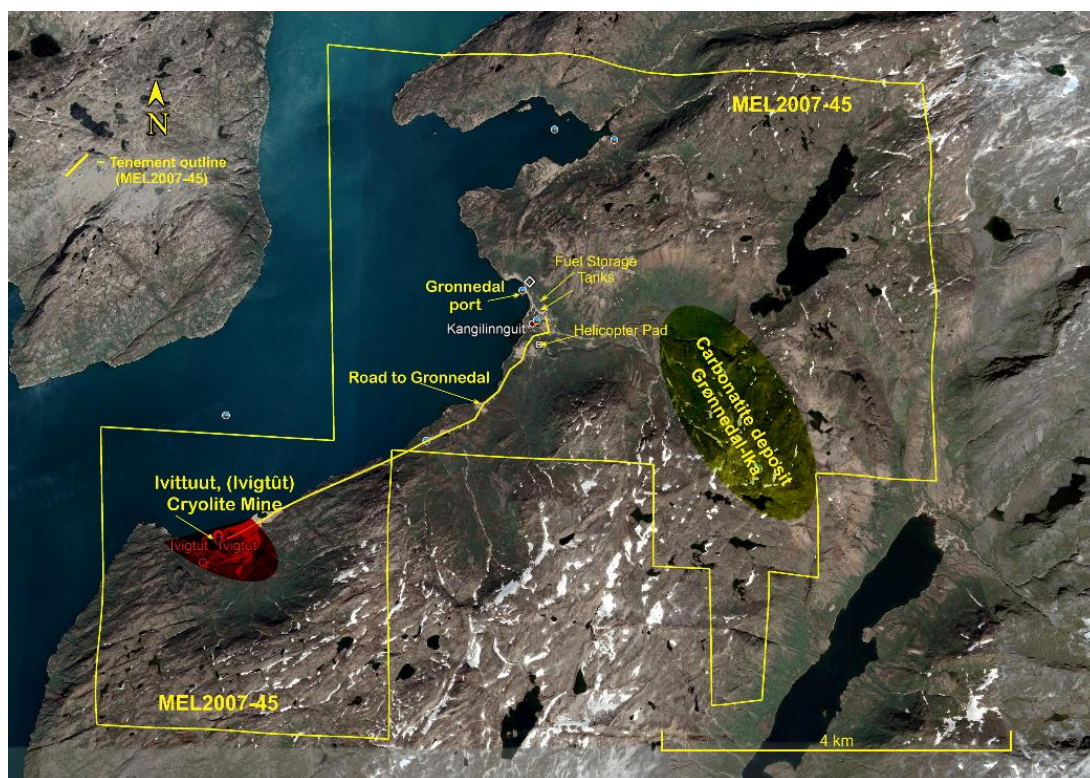


Figure 1: Ivigtût Project Location Map



**Figure 2: Ivigtût Project Tenement Map – MEL 2007- 45 - located on the coast of Arsuk Fjord in southwestern Greenland**

Ivigtût is located in southwestern Greenland and has a power station and fuel supplies to service this station and local road infrastructure to support mineral exploration. About 5.5km to the northeast of Ivigtût, the settlement of Kangilinnuguit provides a heliport and an active wharf with infrastructure.

The Grønneðal carbonatite complex is less than 10km from Ivigtût and only 5km from the port of Kangilinnuguit. This complex ranks amongst the larger alkaline intrusions of the Gardar Igneous Province in Greenland and is recognised by GEUS as one of the prime REE targets in the country, along with Kvanefjeld and Kringlerne (also referred to as Tanbreez) (Paulick et al., 2015).

Assay results from grab samples collected earlier this year show the various styles of REE mineralisation at Grønneðal and Ivigtût ranging from light to heavy REE. Their respective geological host environments are testament to a complex intrusive history with multiple episodes of REE enrichment (refer ASX release 24 March 2022). Previous tenement holders concentrated on exploring and mining the Ivigtût cryolite deposit. Eclipse is the first company to test the REE and multi-element potential at both Grønneðal and Ivigtût.

#### Commencement of maiden drilling program

During the period Eclipse commenced a maiden program of drilling and trenching on its Ivigtût and Grønneðal projects. The percussion drilling program was designed to follow-up REE targets and obtain samples from the mine wall rocks.

In addition to drilling, the Company undertook a surface sampling program in areas of interest defined by remote sensing surveys and in proximity of the historical mine precinct. Findings from geophysical inversion modelling and satellite imagery analysis have provided Eclipse with many targets for field checking and sampling to be conducted where possible during the current exploration program (refer ASX release 13 June 2022 for further details). Surface samples from the Grønneðal prospect, collected during a previous site visit, have been sent to St Andrews University for technical analysis.

Investigations around the Ivigtût mine-site included sampling of remnant waste dumps to assess cryolite, fluorite and base metal content and outcrop areas to assess REE and lithium prospectivity. Executive Chairman, Carl Popal, has joined the Greenlandic drilling contractor and geologist on site to oversee and report on the program as it progresses.





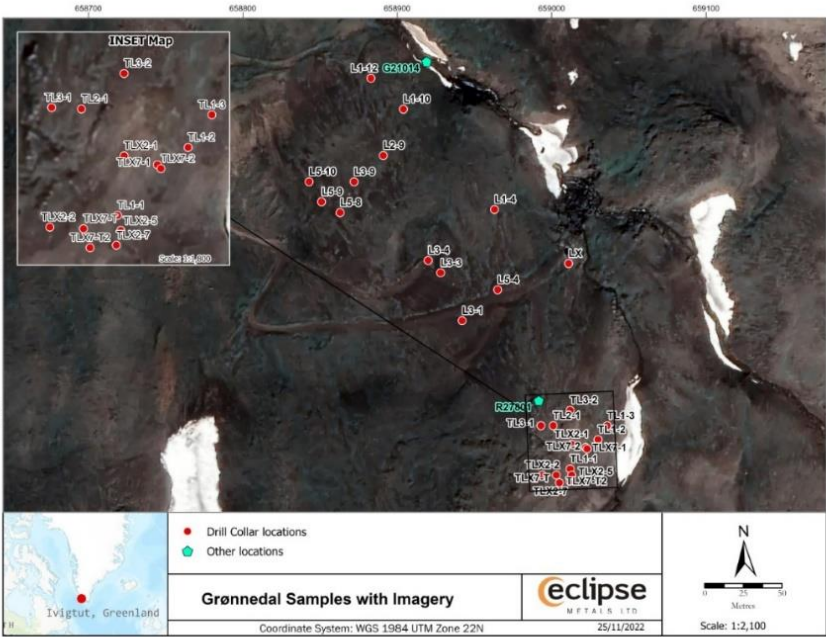


Figure 4: Grønnedal target area. Drill collars are marked with red dots while the two REE mineralisation styles are marked with green points. Assays are expected to be available toward the end of Q1-2023

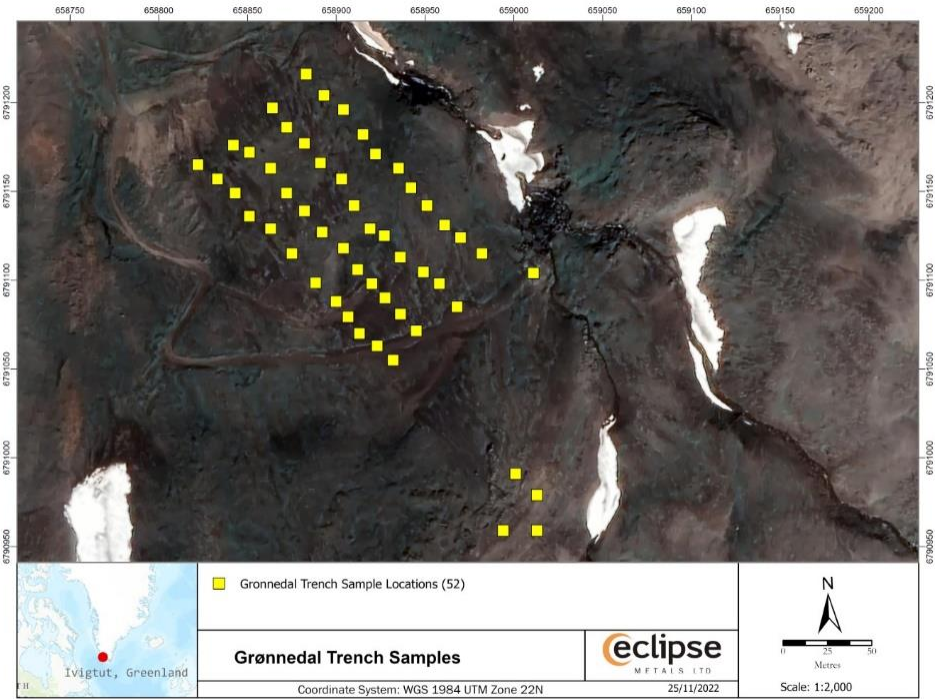


Figure 5: Grønnedal trenching and sampling area marked in yellow

Drill sample testing using a portable XRF analyzer (pXRF)

The pXRF analyses of composite samples recorded in Greenland before shipment have returned encouraging praseodymium (Pr) and neodymium (Nd) ratios. The results indicate that the Grønnedal carbonatite complex could be significant on a global basis with respect to its Pr and Nd content, which are amongst the commercially most valuable rare earth elements (REE).

At the Greenland sample preparation facility, pXRF readings, taken on five 1.5m composite samples from drillhole L3-9, returned an intersection average of 7.5m @ 0.8%  $\text{La}_2\text{O}_3+\text{Ce}_2\text{O}_3+\text{Pr}_2\text{O}_3+\text{Nd}_2\text{O}_3$  (4REO), with praseodymium (Pr)/lanthanum (La) and neodymium (Nd)/cerium (Ce) ratios of about 1.2:1, as well as 0.49% Zn+Pb+Ni (**Table 1**).

DH L3-9 (azimuth/dip: 140/-70)									
Sample id	From (m)	To (m)	Interval (m)	4REO* (%)	Zn+Pb+Ni (%)	Fe	Ca	Si	Mag**
27990	1.0	2.5	1.5	0.83%	0.15%	38.8%	3.1%	6.9%	2.6
27991	2.5	4.0	1.5	0.85%	0.56%	49.1%	1.5%	0.9%	2.0
27992	4.0	5.5	1.5	0.69%	0.27%	50.0%	2.2%	0.5%	2.0
27993	5.5	7.0	1.5	0.87%	0.64%	46.3%	5.6%	0.7%	2.1
27994	7.0	8.5	1.5	0.66%	0.82%	48.9%	2.8%	0.8%	2.2
Total Intersection			7.5	0.8% rounded	0.49%	46.6%	3.0%	2.0%	2.2

**Table 1:** p-XRF testing of drill hole L3-9 indicates an intersection average with 0.8% (rounded) 4REO\* ( $\text{La}_2\text{O}_3+\text{Ce}_2\text{O}_3+\text{Pr}_2\text{O}_3+\text{Nd}_2\text{O}_3$ ) and 0.49% Zn+Pb+Ni. The intersection is non-magnetic but with abundant Fe and low Si, indicating the dominant carbonate iron facies (siderite). \*\* Mag is magnetic susceptibility as  $10^{-3}$  SI

Eclipse cautions that the pXRF tests are not definitive in nature with all samples yet to be analysed at an Australian laboratory for REE and base metals as well as other major and trace elements.

Bearing in mind the preliminary nature of these pXRF results, Eclipse believes these results indicate a significant enrichment of the commercially more valuable REE Pr and Nd in drillhole L3-9 relative to the lower value La and Ce, an observation that is consistent with published academic studies as well as previous laboratory results summarised below.

#### Previous laboratory and pXRF assay results from Grønnedal rock chip samples:

- On 17<sup>th</sup> November 2021, the Company reported pXRF results indicating potentially significant rare-earth element content. Subsequent laboratory results from samples tested by pXRF confirmed significant 4REE (La+Ce+Pr+Nd) (reported on 9 March 2022).
- On 22<sup>nd</sup> November 2021, Eclipse reported laboratory assays from historical Grønnedal drill core sample IVT 21-4, which yielded 2.1% TREO, including 0.12%  $\text{Pr}_2\text{O}_3$  and 0.46% Zn.
- On 9<sup>th</sup> March 2022, the Company reported highly anomalous heavy REE laboratory assay results for six rock chip samples (G21010, G21011, G21014, G21016, G21017 and G21019), demonstrating that the Grønnedal carbonatite complex is – at least in part – enriched in Pr and Nd.
- On 24<sup>th</sup> March 2022, Eclipse reported the final laboratory assay results for the above samples with G21016 having returned 4.66% TREO, 0.13%  $\text{Gd}_2\text{O}_3$  and 3.3% BaO, and sample G21011, collected from an aplite cutting the Grønnedal complex, having returned 0.93%  $\text{Nb}_2\text{O}_5$ , 0.07%  $\text{Rb}_2\text{O}$  and 1.77%  $\text{ZrO}_2$ .

#### Discussion of preliminary results

Overall, the previous Grønnedal rock chip samples and pXRF data from drill hole DH L3-9 demonstrate unusual patterns for Pr/La and Nd/Ce ratios compared to other REE-mineralised carbonatite complexes such as Mountain Pass (California) and Mt Weld (Western Australia).



The lower La and Ce contents as measured by pXRF, if confirmed by laboratory assay results across the Grønnedal complex or a significant part thereof, would indicate that REE mineralisation at Grønnedal contains a higher proportion of the commercially more valuable magnetic REE Pr and Nd. The latter are often termed the 'magnet feed' REE which are critical elements for high-performance magnets used by and in high demand from the automotive sector and for wind turbines.

More specifically, the pXRF readings and laboratory assay results collected thus far show a relatively large proportion of Pr and Nd, comprising up to 55% of the measured 4REE.

This can be compared with other rare earth deposits:

i)	Grønnedal Pr+Nd:	55% of the measured 4REE (La+Ce+Pr+Nd)
ii)	Mountain Pass* Pr+Nd:	17% of the measured 4REE (La+Ce+Pr+Nd)
iii)	Mount Weld CLD* Pr+Nd:	25% of the measured 4REE (La+Ce+Pr+Nd)

\* Reference: *Technology Metals Research, TMR (2015)*

Such a difference in composition for the project could have a positive implication on the so-called "basket price". The basket price is described as the sum of the proportions of the individual REOs in the product multiplied by the price of the individual REOs.

## IVIGTÛT

### Mineralised Waste Dump Sampling

Eclipse bulk sampled five mineralised waste dumps (ROM size) from the Ivigtût historical cryolite mine to assess the mineral and chemical content. These dumps contain a substantial volume of mineralised material that may be suitable for processing to recover saleable products. Previous laboratory assessments have indicated the polymetallic nature of mineralisation in the pit from which the large volume of mineralised waste was produced, as shown in earlier laboratory results.

- The Company's previous surface sample I21012 provided encouraging results of 165g/t Ag, 0.15% Cu, 3.83% Pb and 0.37% Zn (ASX Announcement dated 24 March 2022).
- Laboratory assessment of a historical drill core sample IVT 21 - 11(1) returned 9.86% Zn (ASX Announcement dated 22 November 2021).

In addition to drilling, the Company undertook a surface sampling program in areas of interest defined by remote sensing surveys and in proximity of the historical mine precinct. Findings from geophysical inversion modelling and satellite imagery analysis have provided Eclipse with many targets for field checking and sampling to be conducted where possible during the current and future exploration programs (refer ASX release 13 June 2022 for further details). Surface samples from the Grønnedal prospect, collected during a previous site visit, have already been sent to St Andrews University for technical analysis.



**Figure 6: Ivigtut target area. Drill collars are marked with red dots. Bulk sample trenches are marked with purple lines. Assays are expected to be available toward the end of Q1 2023**

Earlier laboratory results for samples from the mineralised waste dumps returned relatively low TREO values, ranging from 2.26 to 161.44ppm, however the ratio of high-demand heavy to light REE is considered to be very encouraging. Chemical and petrological assessment of the bulk samples in Australia will provide the Company with data to estimate commercial potential in the waste dumps.

Eclipse is considering a Ground Penetrating Radar (GPR) survey for the Ivigtut precinct to assist with an assessment of the potential volume of mineralised waste material. By calculating the size of the open pit and access tunnels and subtracting the cryolite concentrate that has been exported, it can be estimated that up to 5Mt of ROM waste was deposited in the dumps as well as for landfill purposes during a century of mining. There has been no comprehensive commercial assessment for other critical metals.

Pursuant to the Greenlandic Mineral Resources Act no. 7 of 7 December 2009 on mineral resources and activities of significance for these (the Mineral Resources Act), and later amendments, mineral resources companies must prepare a SIA and EIA in connection with developing mineral projects. The European consultancy has been appointed to conduct this work and a first draft scoping document covering the SIA and EIA are prepared for preliminary review and action in due course.



Eclipse Executive Chairman Carl Popal said work to be completed by a consultancy would be vital in progressing the Company's development of Ivigtût project and preparing a 'white paper' required for obtaining a mining licence from MLSA.

The estimated timeframe for the completion and submission of these reports is usually two to three years. Eclipse expects that this timeframe will be reduced with the benefit of existing documents and reports held by the Company, which will contribute to form part of the scoping phase for the Social Impact Assessment undertaken by Eclipse.

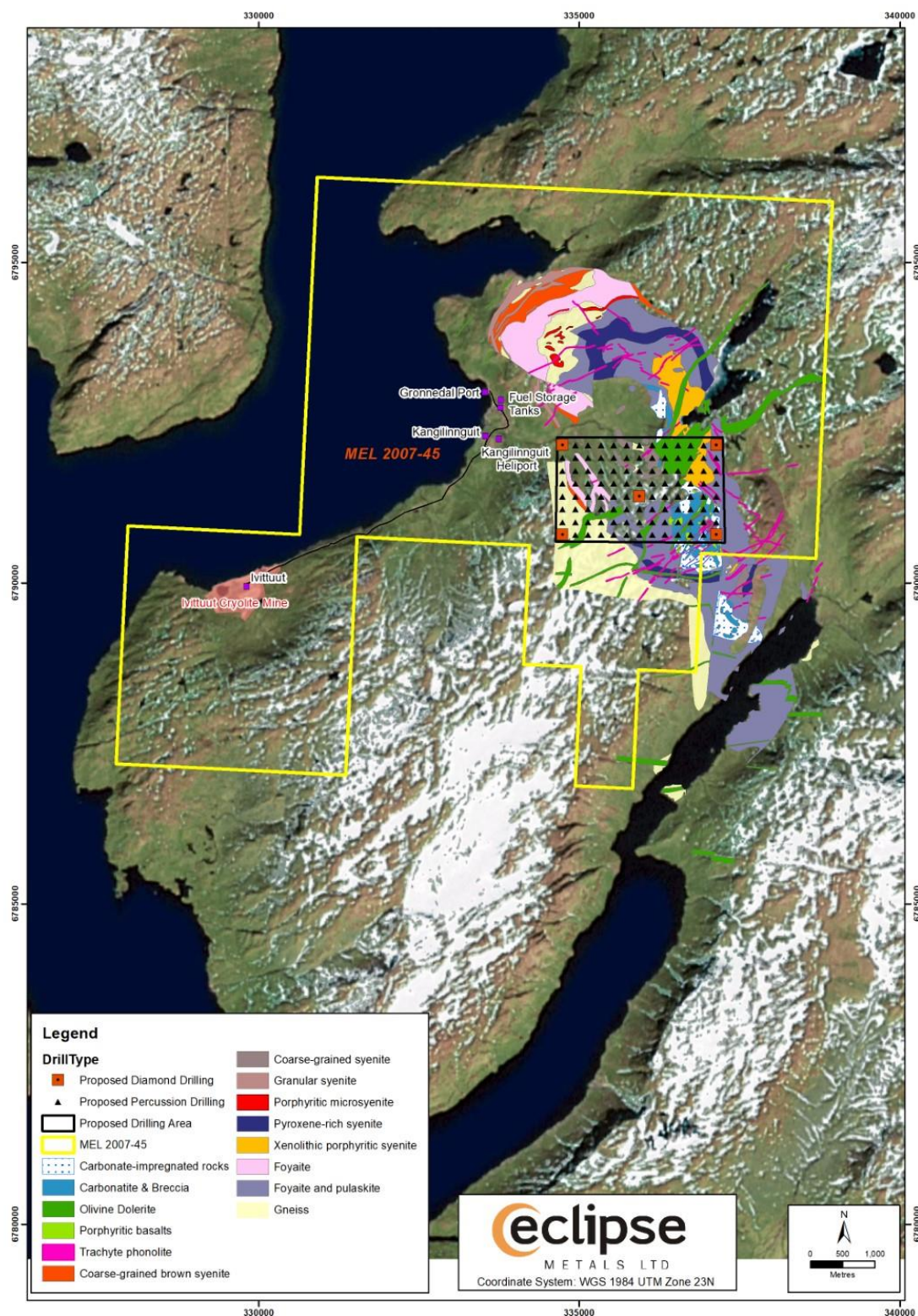


Figure 7: Map of Exploration Drill Targets

## NGALIA BASIN URANIUM PROJECT – NORTHERN TERRITORY

The Ngalia Basin is centred approximately 300km west-northwest from Alice Springs and is considered highly prospective for sandstone and paleochannel style uranium / vanadium mineralisation.

Eclipse holds two granted exploration licences and six exploration licence applications in the Ngalia Basin (Figure 8), with a combined area of approximately 7,550km<sup>2</sup> situated within this extensive uranium mineralized region. To the north roll-front uranium mineralisation at Bigrlyi occurs in Devonian aged sandstones of the Ngalia Basin<sup>1</sup> with Inferred and Indicated Resources of 9,570 tons of U<sub>3</sub>O<sub>8</sub> at 1,283 ppm and 8,930 tons of V<sub>2</sub>O<sub>5</sub> averaging 1197 ppm at 500 ppm U<sub>3</sub>O<sub>8</sub> cut-off. Other deposits within the Ngalia Basin include Cappers<sup>2</sup> with an Inferred Resource of 3,200t of U<sub>3</sub>O<sub>8</sub>, averaging 145 ppm U at 100 ppm cut-off and Napperby<sup>3</sup> with an Inferred Resource of 3,643 tons of U<sub>3</sub>O<sub>8</sub> at 382 ppm U<sub>3</sub>O<sub>8</sub> and 2,251 tons of V<sub>2</sub>O<sub>5</sub> grading 236 ppm at 200 ppm U<sub>3</sub>O<sub>8</sub> cut-off.

The Company is in discussion with the Central Land Council for an access agreement to permit limited exploration drilling on its granted tenements.

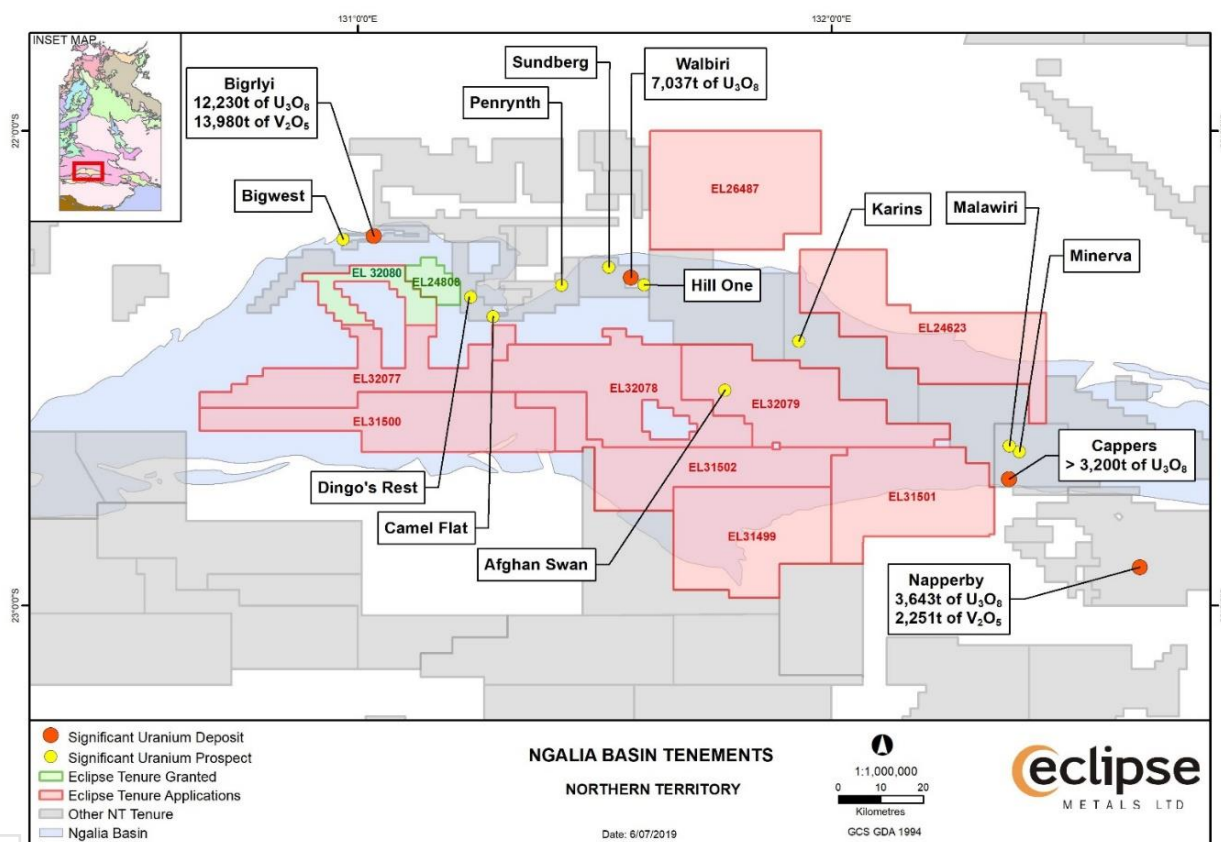


Figure 8: Ngalia Basin Location Map

<sup>1</sup> Refer Energy Metals Ltd (ASX:EME) announcement 28 June 2011

<sup>2</sup> Refer Energy Metals Ltd (ASX:EME) announcement 16 April 2010

<sup>3</sup> Refer Core Exploration Ltd (ASX:CXO) announced 12 October 2018



## LIVERPOOL URANIUM PROJECT – NORTHERN TERRITORY

The Devil's Elbow uranium-gold-palladium prospect in the Northern Territory is covered by EL27584, granted at the end of FY20. Adjacent to this exploration licence to the east, extensions of the Ranger Fault and related structures are covered by four exploration licence applications. Combined area of the tenements covering this prospective area is approximately 1,464km<sup>2</sup>.

Eclipse's exploration program is aimed to focus on the area around the Devil's Elbow, Terrace and Ferricrete uranium prospects, concentrating on high priority areas defined by historical geochemical and radiometric anomalies centrally within EL27584 and relatively unexplored ground south of the Ranger Fault.

The Devil's Elbow prospect has strong similarities with the Jabiluka uranium and gold mine discovered in 1971, following-up a low order anomaly from a ground radiometric survey. Jabiluka is located 20km north of the Ranger uranium mine, about 75km west of Devil's Elbow. At Jabiluka, uranium and gold mineralisation occurs in an altered member of the Cahill Formation, proximal to reverse faulting structures with similarities to the Devil's Elbow prospect.

Eclipse has commenced the ethnographic survey of ELAs 31065 and 31770 within the Liverpool group of tenements located in the Alligator Rivers Uranium province in the Northern Territory with the assistance of Northern Land Council (NLC). The survey assesses Aboriginal sacred sites as part of further negotiations with the traditional landowners as we progress toward granting these tenements. The surveys were completed in late Q2 of the financial year. Based on the outcome of the surveys, the company is discussing with NLC to conclude on any of the sacred sites that would need to be noted in the Aboriginal Land Rights Agreement (ALRA) with the terms due to be agreed on with NLC and negotiated with the traditional landowners during the 2023 calendar year.

## CORPORATE

### Completion of \$2M placement

In August 2022, Eclipse Metals announced it had received firm commitments from sophisticated investors to raise \$2 million before costs via a placement (**Placement**) of 100 million shares at an issue price of \$0.02 per share (**Placement Shares**).

Subscribers to the Placement were offered one (1) free attaching option exercisable at \$0.05 expiring 17 September 2024 (**Placement Options**) for every one subscribed Placement Share. The Company will seek quotation of the Placement Options, being a total of 100 million options.

Allotment of the Placement Shares occurred in September 2022. Eclipse is using funds raised from the Placement for drilling campaigns in Greenland.

The Placement was managed by Ignite Equity Pty Ltd (**Ignite**). Ignite is a boutique corporate advisory firm specialising in funding and acting as corner investor for small-cap ASX listed Companies.

A total of 100,000,000 Placement Shares were issued pursuant to the Company's existing Listing Rule 7.1A placement capacity. In addition, the 100 million attaching listed options and 7.5 million listed Broker Options were issued pursuant to Listing Rule 7.1.

### Shares issued in lieu of services

During the period, the Company issued 3,130,435 to its suppliers in lieu of marketing services.

### Quotation of Options

As indicated at the time of Placement, the Company proceeded to seek approval for the quotation of the Placement Options. The process necessitated application to ASX for a waiver from ASX Listing Rule 6.23.4 which requires

shareholder approval to change a term of an issued option. ASX granted the waiver on 16 September 2022. All other terms of the options as set out in the Prospectus remain unchanged.

A total of 298,476,469 options exercisable at \$0.05 expiring 17 September 2024 have been quoted under the ASX ticker code "EPMOA".

### European Exchange Listing

Subsequent to the period end, Eclipse commenced trading on both the Frankfurt Stock Exchange and Germany's Tradegate Exchange under the ticker 9EU.

Dual listing on European exchanges supports Eclipse's strategy of broadening its overseas investor base to engage with European investors and stakeholders as well as facilitating an opportunity for low transaction cost access for retail investors from European and Scandinavian countries.

Eclipse has appointed Frankfurt-based DGWA, the German Institute for Asset and Equity Allocation and Valuation (Deutsche Gesellschaft für Wertpapieranalyse GmbH) as its investor relations and corporate advisor in Europe.

The Australian Securities Exchange (ASX) will continue to be Eclipse's primary exchange.

### Subsequent Events

On 13 January 2023, 3,802,945 shares were issued in lieu of drilling services provided. On 16 January 2023, 100,000,000 fully paid ordinary shares were released from escrow.

There has not been any matter or circumstances that have arisen since the end of the reporting date and to the date of this report that significantly affects or may significantly affect the results of the operations of the Group.

### Competent Persons Statement

*The information in this report / ASX release that relates to Exploration Results and Exploration Targets includes information was compiled and reviewed by Mr. Rodney Dale, Non-Executive Director of Eclipse Metals Ltd. Mr. Dale holds a Fellowship Diploma in Geology from RMIT, is a Fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM) and has sufficient experience relevant to the styles of mineralisation under consideration and to the activity being reported 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 Dale consents to the inclusion in this report / ASX release of the matters based on information in the form and context in which it appears. Additionally, Mr Dale confirms that the entity is not aware of any new information or data that materially affects the information contained in the ASX releases referred to in this report.*

**Tenement Schedule as at 31 December 2022**

Greenland Projects						
Tenement	Project Name	Commodity	Status	Holder		%
MEL2007-45	Ivigtût Project	Cryolite & REE	Granted	Eclipse Metals Ltd Greenland		100
Australian Projects						
Tenement	Project	Commodity	Status	State	Holder	%
EL 24808	Cusack's Bore	U	Granted	NT	Eclipse Metals Ltd	100
EL 32080	North Ngalia	U	Granted	NT	Eclipse Metals Ltd	100
EPM 17672	Mary Valley	Mn	Granted	Qld	Walla Mines Pty Ltd	100
EPM 17938	Amamoor	Mn	Granted	Qld	Walla Mines Pty Ltd	100
EL 27584	Devil's Elbow	U, Au, Pd	Granted	NT	North Minerals Pty Ltd	100
EL31065	Liverpool Project	U	Application	NT	Eclipse Metals Ltd	100
EL31770	Liverpool Project	U	Application	NT	Eclipse Metals Ltd	100
EL31771	Liverpool Project	U	Application	NT	Eclipse Metals Ltd	100
EL31772	Liverpool Project	U	Application	NT	Eclipse Metals Ltd	100
EL31499	Ngalia Basin	U	Application	NT	Eclipse Metals Ltd	100
EL31500	Ngalia Basin	U	Application	NT	Eclipse Metals Ltd	100
EL31502	Ngalia Basin	U	Application	NT	Eclipse Metals Ltd	100
EL32077	Ngalia Basin	U	Application	NT	Eclipse Metals Ltd	100
EL32078	Ngalia Basin	U	Application	NT	Eclipse Metals Ltd	100
EL32079	Ngalia Basin	U	Application	NT	Eclipse Metals Ltd	100
ELA 24623	Eclipse	Cu, U	Application	NT	Eclipse Metals Ltd	100
ELA 26487	Yuendi	Cu, U	Application	NT	Whitvista Pty Ltd	100
ELA 31501	Ngalia 3	U	Application	NT	Eclipse Metals Ltd	100

Key to abbreviations: Au = gold, Mn = manganese, Pd = palladium, REE = rare earth elements, U = uranium.

## Auditor's Independence Declaration

The auditor's independence declaration as required under s.307C of the *Corporations Act 2001* is included on page 16 and forms part of the directors' report for the half- year ended 31 December 2022.

Signed in accordance with a resolution of directors made pursuant to s.306(3) of the corporations Act 2001.

On behalf of the directors



**Mr Carl Popal**

**Executive Chairman**

14 March 2023

Perth, Western Australia





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14 March 2023

Board of Directors  
Eclipse Metals Limited  
Level 3, 1060 Hay Street  
WEST PERTH WA 6005

Dear Sirs

**RE: ECLIPSE METALS LIMITED**

In accordance with section 307C of the *Corporations Act 2001*, I am pleased to provide the following declaration of independence to the directors of Eclipse Metals Limited.

As Audit Director for the review of the financial statements of Eclipse Metals Limited for the half-year ended 31 December 2022, I declare that to the best of my knowledge and belief, there have been no contraventions of:

- (i) the auditor independence requirements of the *Corporations Act 2001* in relation to the review; and
- (ii) any applicable code of professional conduct in relation to the review.

Yours faithfully

**STANTONS INTERNATIONAL AUDIT AND CONSULTING PTY LTD**

**Martin Michalik**  
Director



## Directors' declaration

The directors declare that:

- (a) in the directors' opinion, there are reasonable grounds to believe that the Group will be able to pay its debts as and when they become due and payable; and
- (b) in the directors' opinion, the attached condensed consolidated financial statements and notes thereto are in accordance with the Corporations Act 2001, including compliance with accounting standard AASB 134 'Interim Financial Reporting' and giving a true and fair view of the financial position as at 31 December 2022 and performance of the Group for the half year ended on that date.

Signed in accordance with a resolution of the directors made pursuant to s.303(5) of the Corporations Act 2001.

On behalf of the directors



**Mr. Carl Popal**  
**Executive Chairman**

14 March 2023  
Perth, Western Australia

# Consolidated statement of profit or loss and other comprehensive income for the half-year ended 31 December 2022

	Note	Consolidated Half-year ended	
		31 Dec 2022 \$	31 Dec 2021 \$
<b>Continuing operations</b>			
Revenue and other income	2	5,299	11,077
Employee benefits expenses and director fees		(261,258)	(239,126)
Consultancy expenses		(49,733)	(58,562)
Professional services expenses		(74,990)	(83,884)
Listing expenses		(50,725)	(25,651)
Travel expenses		(48,333)	(24,140)
Administration expenses		(164,793)	(172,578)
Finance expenses		(608)	(852)
Depreciation of Right-of-Use Asset		(9,313)	(9,228)
Foreign exchange loss		(1,566)	(5,486)
Exploration expenses		(111,298)	-
<b>Loss before income tax</b>		<b>(767,318)</b>	<b>(608,430)</b>
Income tax expense		-	-
<b>Loss for the period</b>		<b>(767,318)</b>	<b>(608,430)</b>
<b>Other comprehensive income, net of income tax</b>			
Items that will not be reclassified subsequently to profit or loss		-	-
Items that may be reclassified subsequently to profit or loss		-	-
<b>Other comprehensive income for the period, net of income tax</b>		<b>-</b>	<b>-</b>
<b>Total comprehensive loss for the period</b>		<b>(767,318)</b>	<b>(608,430)</b>
<b>Loss attributable to:</b>			
Owners of Eclipse Metals Limited		(762,783)	(608,395)
Non-controlling interests		(4,535)	(35)
		<b>(767,318)</b>	<b>(608,430)</b>
<b>Total comprehensive loss attributable to:</b>			
Owners of Eclipse Metals Limited		(762,783)	(608,395)
Non-controlling interests		(4,535)	(35)
		<b>(767,318)</b>	<b>(608,430)</b>
<b>Loss per share:</b>			
Basic and diluted (cents per share)		(0.04)	(0.04)

The consolidated statement of profit or loss and other comprehensive income is to be read in conjunction with the condensed notes to the consolidated financial statements.

## Consolidated statement of financial position as at 31 December 2022

	Note	Consolidated	
		31 Dec 2022 \$	30 Jun 2022 \$
<b>Current assets</b>			
Cash and cash equivalents		1,298,851	659,753
Trade and other receivables		92,051	46,028
Rent deposit		4,782	-
Right-of-use asset		9,313	16,550
Prepayments		64,637	-
<b>Total current assets</b>		<b>1,469,634</b>	<b>722,331</b>
<b>Non-current assets</b>			
Exploration and evaluation expenditure	3	13,378,133	9,197,172
<b>Total non-current assets</b>		<b>13,378,133</b>	<b>9,197,172</b>
<b>Total assets</b>		<b>14,847,767</b>	<b>9,919,503</b>
<b>Current liabilities</b>			
Trade and other payables		13,896	48,383
Accruals		20,000	-
Lease liability		7,860	16,550
<b>Total current liabilities</b>		<b>41,756</b>	<b>64,933</b>
<b>Total liabilities</b>		<b>41,756</b>	<b>64,933</b>
<b>Net assets</b>		<b>14,806,011</b>	<b>9,854,570</b>
<b>Equity</b>			
Issued capital	4	35,297,755	33,399,288
Reserves	5	5,744,009	1,923,717
Accumulated losses		(26,206,504)	(25,443,721)
Owners of Eclipse Metals Limited		14,835,260	9,879,284
Non-controlling interests		(29,249)	(24,714)
<b>Total equity</b>		<b>14,806,011</b>	<b>9,854,570</b>

The consolidated statement of financial position is to be read in conjunction with the condensed notes to the consolidated financial statements.



**Consolidated statement of changes in equity  
for the half-year ended 31 December 2022**

	Issued Capital \$	Reserves \$	Accumulated Losses \$	Sub-total \$	Non-controlling interests \$	Total \$
<b>Balance at 1 July 2021</b>	33,304,398	1,411,880	(24,125,011)	10,591,267	(24,678)	10,566,589
Loss for the period	-	-	(608,395)	(608,395)	(35)	(608,430)
<b>Total comprehensive loss for the period</b>	-	-	(608,395)	(608,395)	(35)	(608,430)
Issue of Options Rights	-	382,793	-	382,793	-	382,793
Share based payments	-	81,775	-	81,775	-	81,775
Cost of right issue	(16,927)	-	-	(16,927)	-	(16,927)
<b>Balance at 31 December 2021</b>	<b>33,287,471</b>	<b>1,876,448</b>	<b>(24,733,406)</b>	<b>10,430,513</b>	<b>(24,713)</b>	<b>10,405,800</b>
<b>Balance at 1 July 2022</b>	<b>33,399,288</b>	<b>1,923,717</b>	<b>(25,443,721)</b>	<b>9,879,284</b>	<b>(24,714)</b>	<b>9,854,570</b>
Loss for the period	-	-	(762,783)	(762,783)	(4,535)	(767,318)
<b>Total comprehensive loss for the period</b>	-	-	(762,783)	(762,783)	(4,535)	(767,318)
Issue of Ordinary Shares	2,072,200	-	-	2,072,200	-	2,072,200
Option issued for Ivtiut considerations	-	3,679,367	-	3,679,367	-	3,679,367
Share based payments	-	65,925	-	65,925	-	65,925
Share issue costs	(173,733)	75,000	-	(98,733)	-	(98,733)
<b>Balance at 31 December 2022</b>	<b>35,297,755</b>	<b>5,744,009</b>	<b>(26,206,504)</b>	<b>14,835,260</b>	<b>(29,249)</b>	<b>14,806,011</b>

The consolidated statement of changes in equity is to be read in conjunction with the condensed notes to the consolidated financial statements.

## Consolidated statement of cash flows for the half-year ended 31 December 2022

	Note	Consolidated	
		Half-year ended	
		31 Dec 2022	31 Dec 2021
		\$	\$
<b>Cash flows from operating activities</b>			
Payments to suppliers and employees		(757,184)	(627,461)
Income from sales of tenement data		-	6,000
Deposit from sales of tenement		-	5,000
Finance costs		-	(852)
Interest received		5,299	77
Net cash (used in) operating activities		(751,885)	(617,236)
<b>Cash flows from investing activities</b>			
Payments for exploration and evaluation expenditure		(501,594)	(12,491)
Payment for acquisition of Ivittuut		-	(100,000)
Net cash (used in) investing activities		(501,594)	(112,491)
<b>Cash flows from financing activities</b>			
Proceeds from rights issue		2,000,000	382,793
Cash received in advance for exercise of options		-	22,577
Share issue costs		(98,733)	(16,927)
Repayment of lease liability		(8,690)	(9,371)
Net cash provided by financing activities		1,892,577	379,072
<b>Net increase/(decrease) in cash and cash equivalents</b>		<b>639,098</b>	<b>(350,655)</b>
Cash and cash equivalents at the beginning of the period		659,753	1,808,695
<b>Cash and cash equivalents at the end of the period</b>		<b>1,298,851</b>	<b>1,458,040</b>

The consolidated statement of cash flows is to be read in conjunction with the condensed notes to the consolidated financial statements.

## Condensed notes to the consolidated financial statements for the half-year ended 31 December 2022

### 1. Significant accounting policies

#### Statement of compliance

The half-year financial report is a general-purpose financial report prepared in accordance with the Corporations Act 2001 and AASB 134 'Interim Financial Reporting'. The half-year report does not include notes of the type normally included in an annual financial report and should be read in conjunction with annual financial statements of the Group for the half year ended 31 December 2022 together with any public announcements made during the following half-year.

The half-year financial report was authorized for issue by the directors on 14 March 2023.

#### a. Basis of preparation

These general purpose interim financial statements for the half-year reporting period ended 31 December 2022 have been prepared in accordance with requirements of the Corporations Act 2001 and Australian Accounting Standard AASB 134: Interim Financial Reporting. Compliance with AASB 134 ensures compliance with IAS 34 'Interim Financial Reporting'. The Group is a for-profit entity for financial reporting purposes under Australian Accounting Standards.

This interim financial statement is intended to provide users with an update on the latest annual financial statements of Eclipse Metals Limited and its controlled entities (referred to as the "Consolidated Group" or "Group"). As such, it does not contain information that represents relatively insignificant changes occurring during the half-year within the Group.

#### b. Going Concern

The financial report has been prepared on a going concern basis that contemplates the continuity of normal business activities and the realisation and extinguishment of liabilities in the ordinary courses of business. For the half year ended 31 December 2022 the Group incurred a loss of \$767,318 (31 December 2021: loss \$608,430). Based upon the Group's existing cash resources of \$1,298,851 (30 June 2022: \$659,753) and the ability to modify expenditure outlays if required, and to source additional funds, the Directors consider there are reasonable grounds to believe that the Group will be able to pay its debts as and when they become due and payable, and therefore the going concern basis of preparation is considered to be appropriate for the Group's 31 December 2022 half year financial report. In the event that the Group is not able to continue as a going concern, it may be required to realise assets and extinguish liabilities other than in the normal course of business and perhaps at amounts different to those stated in its financial report.

#### c. Accounting Policies

The same accounting policies and methods of computation have been followed in this interim financial report as were applied in the most recent annual financial statements.

The Group has adopted all the new or amended Accounting Standards and Interpretations issued by the Australian Accounting Standards Board that are mandatory for the current reporting period. Any new or amended Accounting Standards or interpretations that are not yet mandatory have not been early adopted.

**2. Revenue and other income**

	31 Dec 2022	31 Dec 2021
	\$	\$
Income received through sales of data on old tenements	-	6,000
Deposit received in regards to sales of NT tenements	-	5,000
Interest income	5,299	77
	<u>5,299</u>	<u>11,077</u>

**3. Exploration and evaluation expenditure**

	31 Dec 2022	30 Jun 2022
	\$	\$
Balance at the beginning of the period/year	9,197,172	9,173,139
Additions	501,594	24,033
Acquisition cost - Ivittut <sup>1</sup>	3,679,367	-
Balance at the end of the period/year	<u>13,378,133</u>	<u>9,197,172</u>

**<sup>1</sup>Acquisition of Ivittut**

On 18 November 2022, Eclipse has issued to the vendors the following unlisted options as additional consideration (Phase 3 consideration options) pursuant to the agreement between Eclipse and the Ivittut vendors. The Phase 3 Consideration options were subject to shareholders approval and was approved on 9 November 2022. The fair value of these options which amounted to \$3,679,367 have been capitalised as acquisition cost of Ivittut.

- 180,000,000 options exercisable at \$0.015 expiring 18/11/2025
- 160,000,000 options exercisable at \$0.05 expiring 18/11/2027

These options were valued using the Black-Scholes valuation model. Details of the options issued are disclosed in the Note 5(d) to the consolidated financial statements.

**Exploration and evaluation expenditure**

There is uncertainty as to the recoverability of the deferred exploration and evaluation expenditure assets of Eclipse Metals Limited at their stated values. The recoverability of the deferred exploration and evaluation expenditure assets is dependent upon the successful development and commercial exploitation, or alternatively, sale of the respective areas.

## 4. Issued Capital

	31 Dec 2022	30 Jun 2022
	\$	\$
Fully paid ordinary shares (a)	35,297,755	33,399,288
	<u>35,297,755</u>	<u>33,399,288</u>

## (a) Fully paid ordinary shares

	31 Dec 2022		30 Jun 2022	
	No.	\$	No.	\$
Balance at the beginning of period/year	1,921,126,413	33,399,288	1,913,956,865	33,304,398
Shares issued through placement (@\$0.02) during the period	100,000,000	2,000,000	-	-
Shares issued in lieu of services (@ \$0.023)	3,130,435	72,200	-	-
Options exercised	-	-	419,548	20,977
Performance shares vested	-	-	6,750,000	94,638
Share issue costs	-	(173,733) <sup>1</sup>	-	(20,725)
Balance at the end of the period	2,024,256,848	35,297,755	1,921,126,413	33,399,288

1. Included in the share issue costs is the value of listed options issued to the lead manager of \$75,000.

## 5. Reserves

	31 Dec 2022	30 Jun 2022
	\$	\$
Share-based payment reserves (1)	5,732,177	1,911,885
Other reserves	11,832	11,832
	<u>5,744,009</u>	<u>1,923,717</u>

(1) During the half year ended 31 December 2022, the movement in the share-based payment reserves were as follows:

(a) Issue of options to brokers

On 19 September 2022, the Company issued 7,500,000 listed options to the lead manager based on the amount raised during the placement. The Company valued the listed options during the half year for an amount of \$75,000.

(b) Performance rights

During the year ended 30 June 2021, 32 million performance rights were issued to directors and consultants. Tranche 2 of the Performance Rights (6,750,000 Performance shares) were fully vested in the financial year ended 30 June 2022. During the half year ended 31 December 2022, performance rights for a value of \$65,925 have vested.

(c) Free attaching options

On 5 September 2022, the Company issued 100,000,000 free attaching options to subscribers of the placement which raised \$2 million before costs. These options were valued at NIL.

## 5. Reserves (Continued)

The terms and conditions of Performance Rights affecting remuneration in the current or future reporting years are as follows:

Dec 2022	Grant Date <sup>(i)</sup>	No of Performance Rights	Expiry date	Exercise price	Value at grant date <sup>1</sup>	Number vested	Vested (%)	Value vested for the period ended Dec 2022	Max value yet to vest
Tranche 1 <sup>(ii)(a)</sup>	26/05/21	8,625,000	04/06/24	NIL	0.02	-	-	\$28,825	\$108,914
Tranche 3 <sup>(ii)(b)</sup>	26/05/21	4,625,000	04/06/24	NIL	0.0123	-	-	\$9,486	\$35,721
Tranche 4 <sup>(ii)(c)</sup>	26/05/21	4,625,000	04/06/24	NIL	0.0114	-	-	\$8,811	\$33,177
Tranche 1 <sup>(ii)(a)</sup>	31/05/21	2,000,000	04/06/24	NIL	0.02	-	-	\$6,682	\$25,537
Tranche 3 <sup>(ii)(b)</sup>	31/05/21	1,000,000	04/06/24	NIL	0.0121	-	-	\$2,000	\$7,769
Tranche 4 <sup>(ii)(c)</sup>	31/05/21	1,000,000	04/06/24	NIL	0.0112	-	-	\$1,870	\$7,140
Tranche 1 <sup>(ii)(a)</sup>	01/06/21	1,125,000	04/06/24	NIL	0.02	-	-	\$3,760	\$14,383
Tranche 3 <sup>(ii)(b)</sup>	01/06/21	1,125,000	04/06/24	NIL	0.0124	-	-	\$2,330	\$8,911
Tranche 4 <sup>(ii)(c)</sup>	01/06/21	1,125,000	04/06/24	NIL	0.0115	-	-	\$2,161	\$8,268
		<b>25,250,000</b>			-	-	-	<b>\$65,925</b>	<b>\$249,820</b>

(i) The value at grant date has been calculated in accordance with AASB 2 Share based payments.

(ii) The Performance Rights vest and become exercisable by the holder upon the Company:

(a) Announcing a minimum JORC code of compliant resource in any one of the following minerals:

(i) 2.8 mt @ 95% SiO<sub>2</sub>;

(ii) 150 kt @ 18% FI;

(iii) 0.5 mt @ 16% Cy;

(iv) 0.5 mt @ 25% Fe;

(v) 50 kt @ 1.1 Zn.

(b) Achieving a 30-day volume weighted average share price (VWAP) of \$0.08 or more.

(c) Achieving a 30-day volume weighted average share price (VWAP) of \$0.10 or more.

### (d) Issue of options to Ivittut vendors

On 18 November 2022, the Company issued 180,000,000 options exercisable at \$0.015 on or before 3 years from the date of issue and 160,000,000 options exercisable at \$0.05 on or before 5 years from the date of issue as part of Ivittut acquisition. These options vested immediately. The fair value of these options which amounted to \$3,679,367 have been capitalised as acquisition cost of Ivittut.

Date Granted	Number Granted	Expiry Date	Expected Volatility	Risk free Interest Rate	Exercise Price	Share Price at Grant Date	Fair Value of Options
			%	%		\$	\$
18 Nov 2022	180,000,000	18 Nov 2025	89.82	0.03	\$0.015	0.019	0.01167
18 Nov 2022	160,000,000	18 Nov 2027	89.82	0.03	\$0.05	0.019	0.00986



**6. Contingent assets and contingent liabilities**

There are no contingent assets or contingent liabilities at the end of the reporting period.

**7. Commitments***a. Leasing commitments*

At the half-year ended 31 December 2022, the Group had a lease agreement with Bullion Ventures Pty Ltd. The lease is on an ongoing basis and the Company may give one months' notice to terminate the lease otherwise the Company can also re negotiate the rent agreement.

The Group has a 12 months lease agreement for its Greenland office. The lease expires on the 30<sup>th</sup> May 2023 with an option to renew.

*b. Exploration commitments*

Exploration commitments for the next one (1) year totalled \$692,500. These commitments may vary depending on whether the Group relinquishes any tenements or enters into formal arrangements.

**8. Key management personnel**

Remuneration arrangements of key management personnel are disclosed in the annual financial report.

Arrangements with related parties continue to be in place. For details of these arrangements, please refer to the 30 June 2022 annual financial report.

Key management personnel continue to receive compensation in the form of short-term employee benefits, post-employment benefits and share-based payments.

## 9. Segment information

The Group has identified its operating segments based on the internal reports that are reviewed and used by the Board of Directors (chief operating decision makers) in assessing performance and determining the allocation of resources. The Group has two reportable segments during the period ended 31 December 2022.

	Australia \$	Greenland \$	Consolidated \$
<b>Half-Year ended 31 December 2022</b>			
Interest Income	5,251	-	5,251
Other Income	48	-	48
Others	-	-	-
Total segment income	5,299	-	5,299
Employee benefits expenses and director fees	(261,258)	-	(261,258)
Consultancy expenses	(37,572)	(12,161)	(49,733)
Professional services expenses	(74,990)	-	(74,990)
Listing expenses	(50,725)	-	(50,725)
Travel expenses	(46,197)	(2,136)	(48,333)
Administration expenses	(157,013)	(7,780)	(164,793)
Finance expenses	(360)	(248)	(608)
Depreciation of Right-of-Use Asset	-	(9,313)	(9,313)
Foreign exchange loss	-	(1,566)	(1,566)
Exploration expenses	(70,709)	(40,589)	(111,298)
<b>Loss for the period</b>	<b>(693,525)</b>	<b>(73,793)</b>	<b>(767,318)</b>
<b>At 31 December 2022</b>			
Current assets	1,455,539	4,782	1,460,321
Rights-of-use asset	-	9,313	9,313
Exploration expenditure	2,656,620	10,721,513	13,378,133
Current liabilities	(33,896)	(7,860)	(41,756)
<b>Net Assets</b>	<b>4,078,263</b>	<b>10,727,748</b>	<b>14,806,011</b>

## 10. Subsidiaries

Entity	Incorporation	Percentage owned (%) *	
		31 Dec 2022 Ownership	30 Jun 2022 Ownership
North Minerals Pty Ltd	Australia	100.00	100.00
Central Energy Pty Ltd	Australia	100.00	100.00
Whitvita Pty Ltd	Australia	100.00	100.00
U308 Agencies Australia Pty Ltd	Australia	100.00	100.00
Walla Mines Pty Ltd (i)	Australia	87.17	87.17
Contour Resources Pty Ltd	Australia	99.48	99.48
Eclipse Greenland	Greenland	100	100

\* Percentage of voting power is in proportion to ownership.

(i) Direct and indirect percentage owned.

**11. Subsequent events**

On 13 January 2023, 3,802,945 shares were issued in lieu of drilling services provided.

On 16 January 2023, 100,000,000 fully paid ordinary shares were released from escrow.

There has not been any matter or circumstances that have arisen since the end of the reporting date and to the date of this report that significantly affects or may significantly affect the results of the operations of the Group.

**INDEPENDENT AUDITOR'S REVIEW REPORT  
TO THE MEMBERS OF  
ECLIPSE METALS LIMITED****Report on the Half-Year Financial Report****Conclusion**

We have reviewed the half-year financial report of Eclipse Metals Limited (the "Company") and its controlled entities (the "Group"), which comprises the consolidated statement of financial position as at 31 December 2022, the consolidated statement of profit or loss and other comprehensive income, consolidated statement of changes in equity and consolidated statement of cash flows for the half-year ended on that date, condensed notes comprising a summary of significant accounting policies and other explanatory information, and the directors' declaration.

Based on our review, which is not an audit, we have not become aware of any matter that makes us believe that the accompanying half-year financial report of Eclipse Metals Limited does not comply with the *Corporations Act 2001* including:

- (a) giving a true and fair view of the Group's financial position as at 31 December 2022 and of the performance for the half-year ended on that date; and
- (b) complying with Accounting Standard AASB 134 *Interim Financial Reporting* and the *Corporations Regulations 2001*.

**Basis for Conclusion**

We conducted our review in accordance with ASRE 2410 *Review of a Financial Report Performed by the Independent Auditor of the Entity*. Our responsibilities are further described in the Auditor's Responsibilities for the Review of the Financial Report section of our report. We are independent of the Group in accordance with the auditor independence requirements of the *Corporations Act 2001* and the ethical requirements of the Accounting Professional and Ethical Standards Board's APES 110 *Code of Ethics for Professional Accountants (including Independence Standards)* (the Code) that are relevant to our audit of the annual financial report in Australia. We have also fulfilled our other ethical responsibilities in accordance with the Code.

We confirm that the independence declaration required by the *Corporations Act 2001* has been given to the directors of the Company on 14 March 2023.

**Material Uncertainty Relating to Going Concern**

As referred to in Note 1(b) to the consolidated financial statements, the consolidated financial statements have been prepared on a going concern basis. For the half-year ended 31 December 2022, the Group incurred a loss after income tax of \$767,318, had net cash outflows from its operating activities of \$751,885, and had cash and cash equivalents of \$1,298,851 at 31 December 2022.



The ability of the Group to continue as a going concern and meet its planned exploration, administration and other commitments is dependent upon the Group raising further working capital and/or successfully exploiting its mineral assets. In the event that the Group is not successful in raising further equity or in exploiting its mineral assets, the Group may not be able to meet its liabilities as and when they fall due and the realisable value of the Group's current and non-current assets may be significantly less than book values.

Our opinion is not modified in respect of this matter.

#### **Responsibility of the Directors for the Financial Report**

The directors of Eclipse Metals Limited are responsible for the preparation of the half-year financial report that gives a true and fair view in accordance with Australian Accounting Standards and the *Corporations Act 2001* and for such internal control as the directors determine is necessary to enable the preparation of the half-year financial report that gives a true and fair view and is free from material misstatement, whether due to fraud or error.

#### **Auditor's Responsibility for the Review of the Financial Report**

Our responsibility is to express a conclusion on the half-year financial report based on our review. ASRE 2410 requires us to conclude whether we have become aware of any matter that makes us believe that the half-year financial report is not in accordance with the *Corporations Act 2001* including giving a true and fair view of the Group's financial position as at 31 December 2022 and its performance for the half-year ended on that date, and complying with Accounting Standard AASB 134 *Interim Financial Reporting* and the *Corporations Regulations 2001*.

A review of a half-year financial report consists of making enquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Australian Auditing Standards and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

**STANTONS INTERNATIONAL AUDIT AND CONSULTING PTY LTD**  
(An Authorised Audit Company)

*Stantons International Audit & Consulting Pty Ltd*

*Martin Michalik*

**Martin Michalik**  
Director

West Perth, Western Australia  
14 March 2023