

# Energising Earth's Evolution

Annual General Meeting Presentation  
30 May 2023

ASX:ETM



# Disclaimer

This presentation contains only a brief overview of Energy Transition Minerals Ltd ("ETM") and its respective activities and operations. The contents of this presentation may rely on various assumptions and subjective interpretations which are not possible to detail in this presentation and which have not been subject to any independent verification.

This presentation contains a number of forward looking statements. Known and unknown risks and uncertainties, as well as factors outside of ETM' control, may cause the actual results, performance and achievements of Energy Transition Minerals to differ materially from those expressed or implied in this presentation.

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The information contained in this presentation is not a substitute for detailed investigation or analysis of any particular issue and has been prepared without consideration of your objectives and needs and financial position. Current and potential investors and shareholders should seek independent advice before making any investment decision in regard to ETM or its activities.

## **JORC Code (2012) Competent Person Statement –Mineral Resources, Ore Reserves and Metallurgy**

The information in this statement that relates to Mineral Resources is based on information compiled by Mr Robin Simpson, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Simpson is employed by SRK Consulting (UK) Ltd ("SRK"), and was engaged ETM on the basis of SRK's normal professional daily rates. SRK has no beneficial interest in the outcome of the technical assessment being capable of affecting its independence. Mr Simpson has sufficient experience that is relevant to the style of mineralisation and type of deposit 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'. Robin Simpson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in the statement that relates to the Ore Reserves Estimate is based on work completed or accepted by Mr Damien Krebs (ex-)ETM, Mr Scott McEwing of SRK Consulting (Australasia) Pty Ltd and Mr Rafael Lopez of ETM.

Damien Krebs is a Member of The Australasian Institute of Mining and Metallurgy and has sufficient experience that is relevant to the type of metallurgy and scale of project under consideration, and to the activity he is undertaking, to qualify as Competent Persons in terms of The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2012 edition). The Competent Persons consent to the inclusion of such information in this report in the form and context in which it appears.

Scott McEwing is a Fellow and Chartered Professional of The Australasian Institute of Mining and Metallurgy and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity he is undertaking, to qualify as Competent Persons in terms of The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2012 edition). The Competent Persons consent to the inclusion of such information in this report in the form and context in which it appears.

Rafael Lopez is a Chartered Professional of The European Federation of Geologists and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity he is undertaking, to qualify as Competent Persons in terms of The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2012 edition). The Competent Persons consent to the inclusion of such information in this report in the form and context in which it appears.

The mineral resource estimate for the Kvanefjeld Project was updated and released in a Company Announcement on February 12th, 2015. The ore reserves estimate was released in a Company Announcement on June 3rd, 2015. There have been no material changes to the mineral resource estimate, or ore reserves estimate since the release of these announcements.

## **JORC Code (2012) Competent Person Statement – Exploration results**

The information in this announcement related to exploration results is based on information compiled and approved for release by Mr Rafael López Guijarro who is a member of the European Federation of Geologists. Mr Guijarro is the chief geologist and full-time employee of the Company. He has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity, he is undertaking to qualify as a Competent Person in accordance with JORC Code (2012). The information from Mr Guijarro was prepared under JORC Code (2012). Mr Guijarro consents to the inclusion in this ASX release in the form and context in which it appears.

## **Cautionary Statement regarding visual estimates of mineral abundance**

Visual estimates of mineral abundance should never be considered a proxy or substitute for laboratory analyses where concentrations or grades are the factor of principal economic interest. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations.



**Energy Transition Minerals Ltd**  
(formerly Greenland Minerals Limited) is an ASX listed  
company aimed at developing mineral projects to meet  
the growing need for minerals vital to the de-carbonization  
and the transition to renewable energy

Energy Transition Minerals Ltd ASX:ETM

# Corporate Snapshot

**ETM**

ASX Code

**1,335.7 M**

Shares outstanding

**\$25M**

Cash

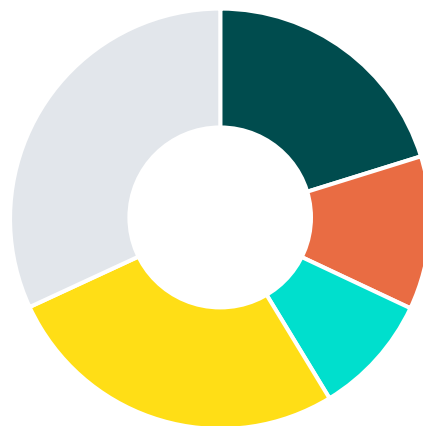
(as at 31 December 2022)

**58.3M**

Performance rights issued

## CURRENT INVESTOR LOCATION

(as at 18 April 2023)



■ Australia ■ United States ■ China ■ Europe ■ Other



**Ed Mason**

**Non-Executive Chairman**

Ed is an experienced company director and corporate advisor, having held positions as Chairman. Ed is currently Founder and Corporate Advisor for JE Capital, and Founder and Managing Director of Jet Zero Australia.



**Daniel Mamadou**

**Managing Director**

Daniel has more than two decades of experience across EMEA and Asia-Pacific. Daniel is the founder of Welsbach Holdings Pte Ltd, a Singapore-based company which specialises in the financing and development of technology metals supply chains.



**Mark Saxon**

**Non-Executive Director**

Mark has over 25 years of industry experience with a strong geological and technical background. Mark is presently CEO of Canadian-listed Medallion Resources Ltd and the CEO of Aguila Copper Corp a Canadian public company.

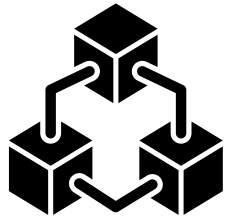


**Xiaolei Guo**

**Non-Executive Director**

Xiaolei has a background in law with over 15 years experience in investment and securities. Xiaolei is presently with Shenghe Resources Holding Co., Ltd as the General Manger Assistant and Manager of the Investments and Development department.

# Corporate Overview



## Identification and Development

Focused on the identification and development of mineral resources that are critical for the energy transition



## Kvanefjeld Project

One of the largest rare earth resource in the World, with a 1 billion tonne multi-element JORC resource\*, and 108 million tonne ore reserve



## Villasrubias Project

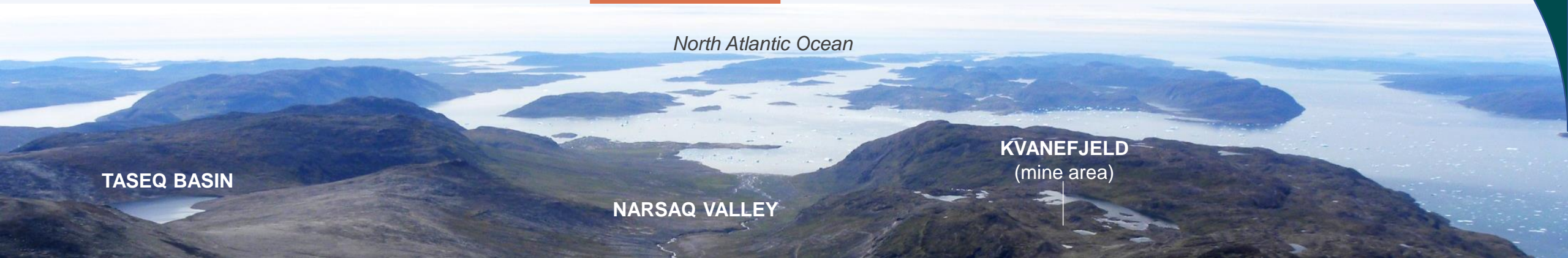
Prospective lithium project within the Castilla y León region in Spain. Drill campaign launched in March 2023 with results to be announced



## Strong financial position

Strong financial position of the company which includes cash of A\$25 million

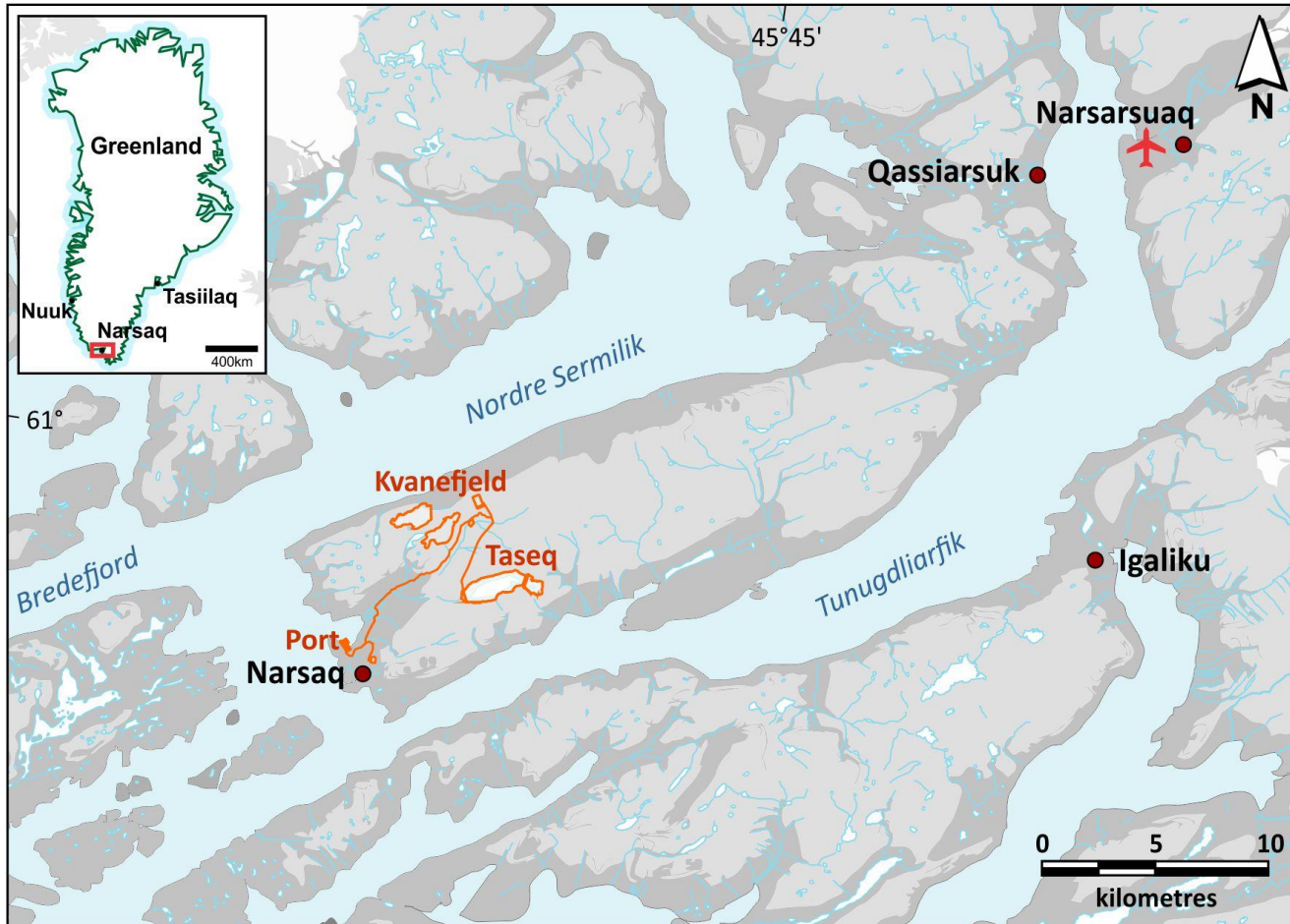
# Kvanefjeld REE Project



## **Kvanefjeld will positively impact the REE market and relieve global REE supply chain constraints**

- The Kvanefjeld project is one of the largest rare earth resources in the world, with a 1 billion tonne multi-element JORC resource\*, and 108 million tonne ore reserve\*
- Once in production, Kvanefjeld could be generating third of Greenland's GDP
- Output could amount up to 15% of global REE supplies and fulfill 100% of EU's needs of REEs
- A world-class resource located in a strategic location
- The only shovel ready project of its scale in Western Europe that can support Europe's ambitions to develop a domestic supply chain for REEs

# Kvanefjeld – Location and Access



## The Project area is favourably located in southern Greenland



Narsarsuaq international airport is located 35km away, 4h 50m flight from Copenhagen



Project area features year-round direct shipping access, via deep water fjords that lead directly to the North Atlantic Ocean



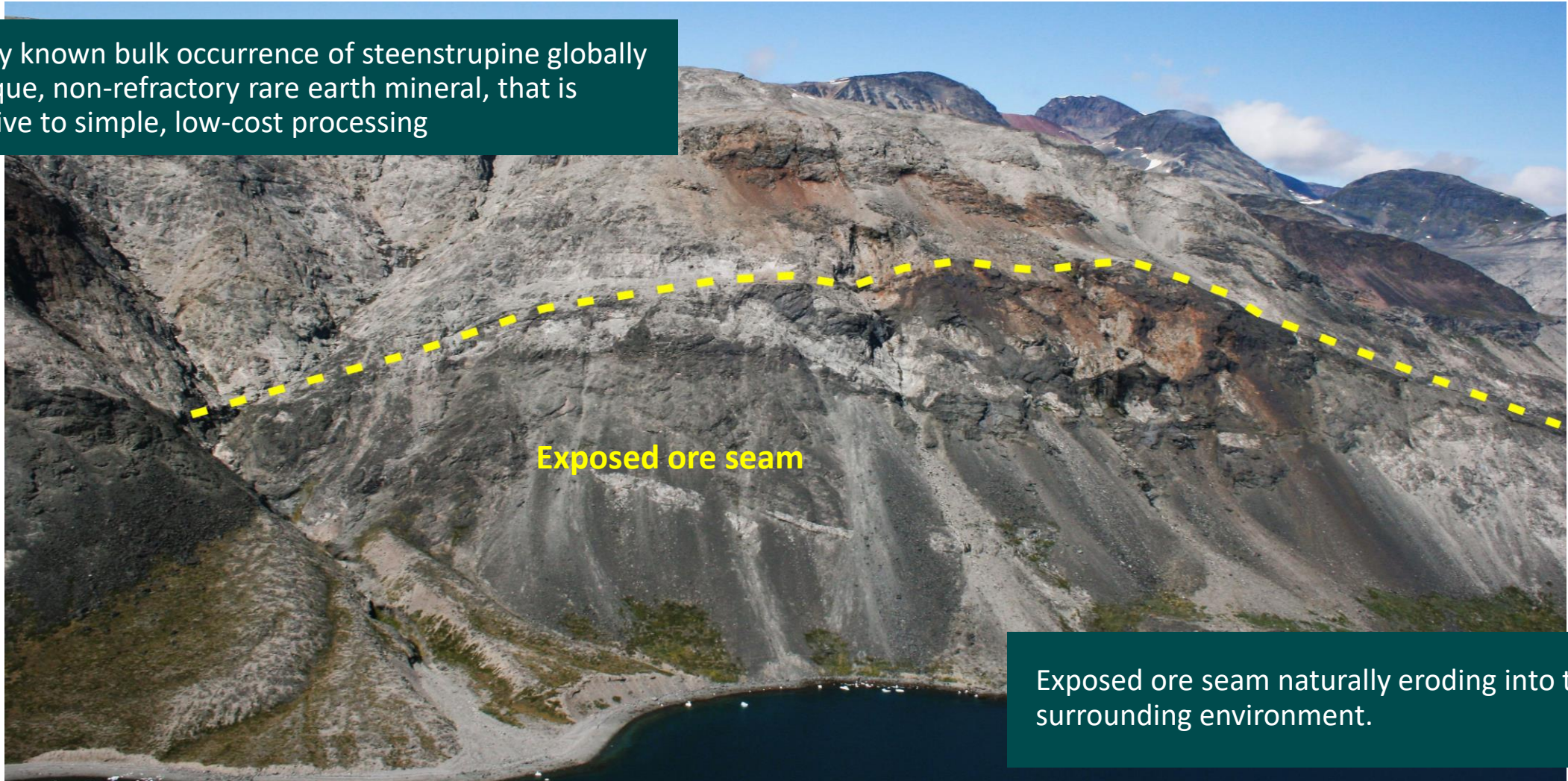
Climatically – mildest part of Greenland with average temperature ranging from -2 to +10°C



Narsaq town, located approximately 8-10km from project area

# Centred on a Multi-Billion Tonne Outcropping Ore

The only known bulk occurrence of steenstrupine globally – a unique, non-refractory rare earth mineral, that is conducive to simple, low-cost processing



Exposed ore seam naturally eroding into the surrounding environment.



# Kvanefjeld Permit



- ETM has spent approximately 15 years in Greenland working with local communities and the government and invested more than \$130 million (AUD) to progress the Kvanefjeld project to be development ready.
- November 2021, Greenland's parliament passed Greenland Parliament Act No. 20 to ban uranium prospecting, exploration and exploitation, etc ('Act No. 20').
- In December 2021, the Company notified it would not be granted an exploitation licence if it continued with an exploitation licence application, despite having fulfilled every statutory requirement as guided by the Governments of Greenland and Denmark and the Mineral Resources Act of Greenland.
- As our efforts to establish a constructive dialogue with the authorities yielded no results, we were forced to activate the dispute resolution mechanism contained in our Exploration Licence, namely arbitration in Copenhagen under the Danish Arbitration Act
- On 22 March 2022, the company served a request for arbitration to both the governments of Greenland and Denmark to determine (amongst other things) whether the Company had a right to an exploitation licence before Act No. 20. GMAS has also claimed that, if Act No. 20 is applied to the Kvanefjeld project, it has a right to receive damages in compensation for expropriation.
- The statement of Claim is being prepared this will contain the Company's detailed legal argument and will be accompanied by witness statements, expert reports and other supporting documents, this will be lodged in July 2023.
- On 30 June 2022, the Company entered into a litigation funding agreement with Woolridge Investments LLC, a wholly-owned subsidiary of Burford Capital Limited, to fully fund the arbitration costs in the dispute with the Government of Greenland and the Government of the Kingdom of Denmark.

# ETM commitment to ESG

Energy Transition Minerals is part of the SUPREEMO (Sustainable European Rare Earth Elements production value chain from primary ores) project



Project aims to establish the first pre-commercial Rare Earth Elements production value chain using European primary resources as feedstock

Sponsored by Horizon Europe, 11 different European companies including Greenland Minerals A/S as the feedstock supplier

The aim is to develop sustainable, cost-competitive processing, refining and Rare Earth (RE) Permanent Magnet (PM) production technologies in a responsible way complying with local and international safety regulations.

# Villasrubias Lithium Project



Villasrubias Exploration Licence N. 6914 covers 11.4 km<sup>2</sup> around the Villasrubias town, in the Province of Salamanca in Spain



The area was previously studied by Siemcalsa and is highly prospective property for lithium, tantalum and niobium



Historical activity includes tin mining in the Canalita mine, closed in 1960s



An aeromagnetic survey done in January 2023 provided support for a drill campaign targeting lithium in the old Canalita mine area



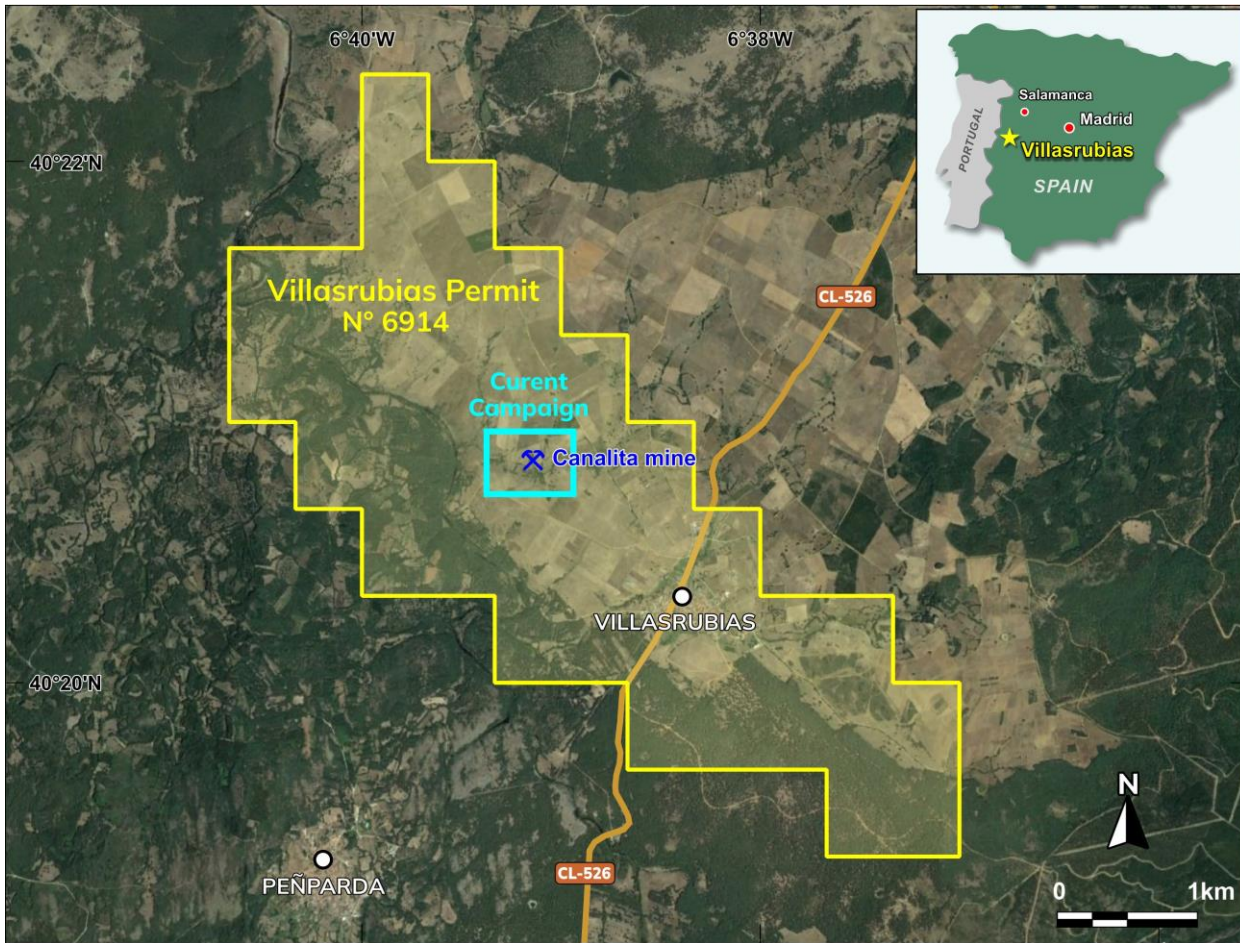
The campaign started in March and is underway

# Villasrubias Locale

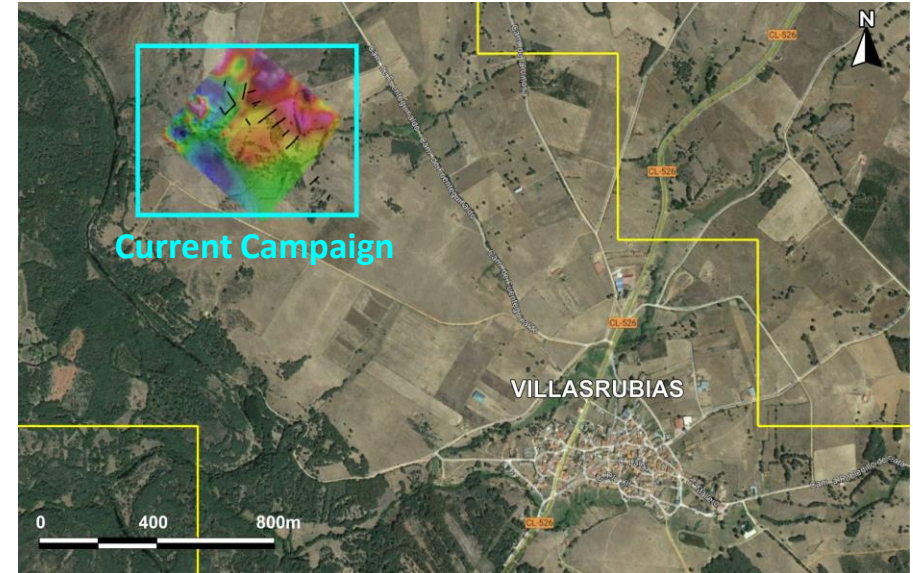
- The Company has a local team to handle the application operations on the ground
- The management is in constant dialogue with the local government of Castilla y León regarding additional permit applications
- HQ is located close to Ciudad Rodrigo and near the border with Portugal, benefits from great logistics, and easy access to energy, water and manpower



# Villasrubias Permit Area



- The Villasrubias permit covers 11.4 km<sup>2</sup> in total
- The current campaign only covers the Canalita mine, leaving significant exploration upside
- The Company aims to produce a maiden resource report following the drill campaign



# Drone Survey

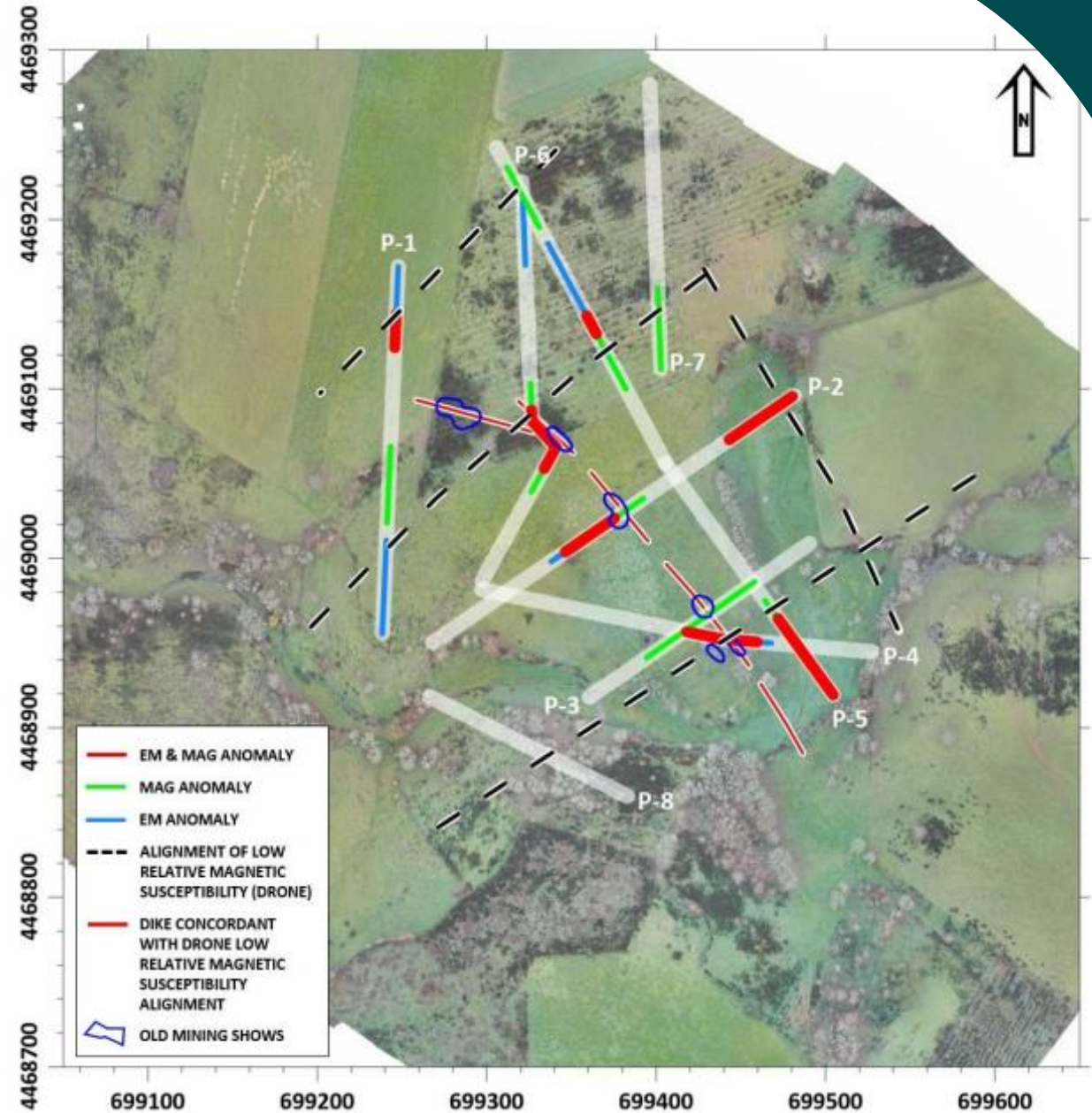
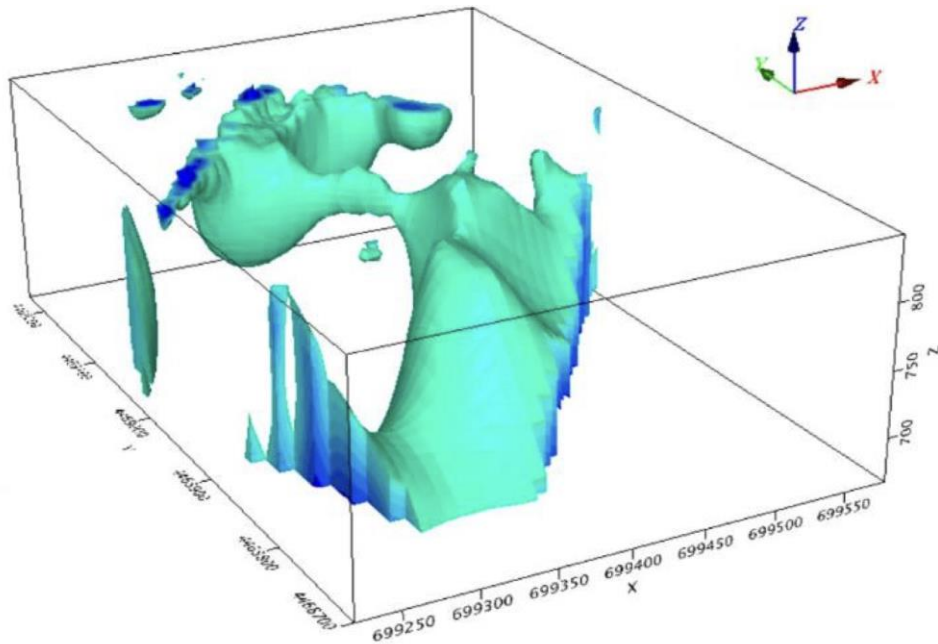
## Exploration activity

at Villasrubias started in December 2022, including a drone aeromagnetic and electromagnetic survey, a very low frequency electromagnetic tomography survey, along with geological mapping, sampling, and trenching to identify the extension of pegmatite bodies.



# Aeromagnetic Survey

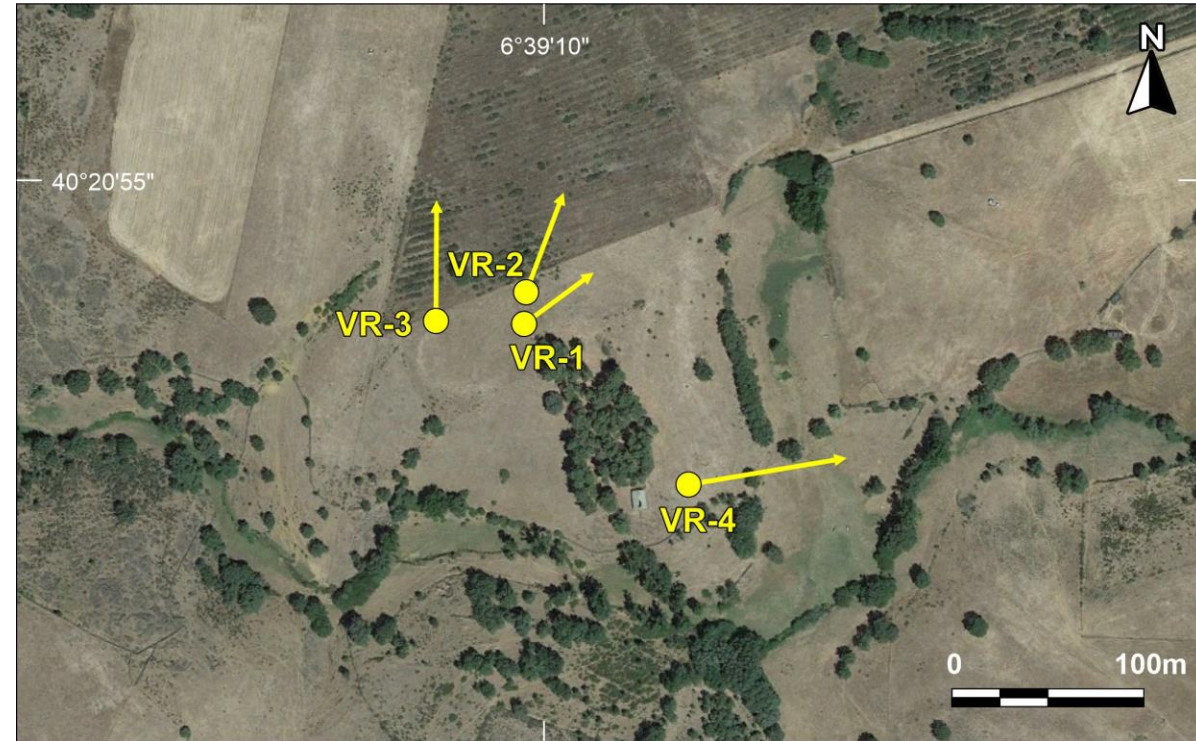
- The aeromagnetic survey focused on an area of historic aplite and pegmatite mining
- The modelled TILT derivative results highlighted the contact zones between bodies with different magnetic character.



# Initial Drill Campaign



- The campaign entails drilling 1,500 meters distributed across 10 holes using wire line equipment
- The objective is to confirm the prior work done by SIEMCALSA which identified lithium-bearing pegmatites and to provide guidance for the future drill campaigns
- Cores will be taken to ALS laboratories in Sevilla for assay analysis, and results will be announced during the coming weeks



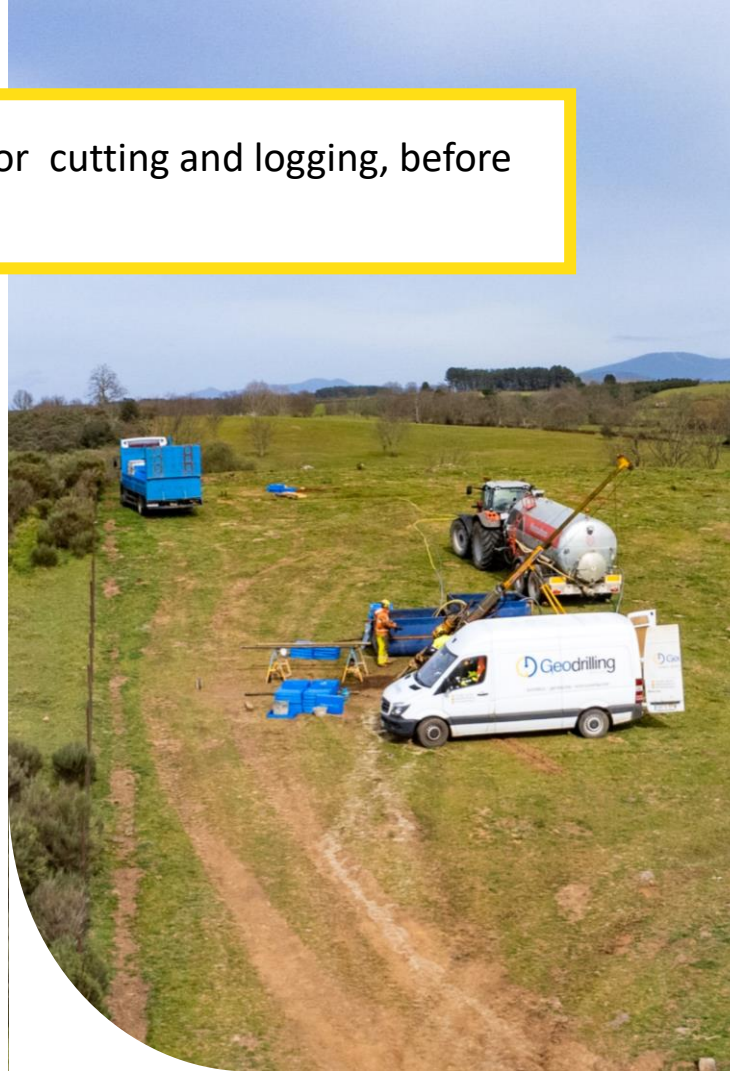
Drill Collar Location (ETRS89)							
Hole ID	Latitude	Longitude	Azimuth	Dip	Total Length (m)	Vertical Depth (m)	RL (m)
VR-1	40°20'53.29"	6°39'10.52"	N50°E	45°	70.00	49.49	786.51
VR-2	40°20'53.82"	6°39'10.43"	N25°E	45°	103.00	72.83	765.17
VR-3	40°20'53.34"	6°39'12.36"	N-S	45°	120.70	85.34	750.66
VR-4	40°20'50.61"	6°39'6.95"	N80°E	45°	95.50	67.52	761.48



# Drill Cores

**Pegmatites** were identified in the very first hole\*

**Drill cores** are taken to our warehouse for cutting and logging, before being sent to ALS laboratory for assaying



# Castilla y León is the mining region of Spain



- There are 468 active mining exploitations in Castilla y León, whose permits have been granted by the Department of Mines and Energy of the Junta de Castilla y León
- Materials mined include coal, clay, silica sands, kaolin, feldspar, porphyry and tungsten
- Castilla y León is home to four automobile manufacturing plants. **Renault** in Valladolid and Palencia, **FIAT-IVECO** in Valladolid and **Nissan** in Avila, producing 20% of vehicles produced domestically
- **Iberdrola** has chosen Castilla y Leon to locate its upcoming 70 MW hybrid wind and solar power complex

# Corporate Timeline

**2022**

- Q1 - **GGG files for arbitration to Government of Greenland and Denmark**
- Q2 - **Constitution of Arbitral Tribunal**
- Q3 - **Greenland Minerals Ltd enters into MOU with TME SL regarding the Villasrubias Lithium permit**
- Q4 - **Greenland Minerals Ltd renamed Energy Transition Minerals Ltd**

**2023**

- Q1 - **Aeromagnetic Survey in Villasrubias is conducted**
- Q2 - **Drill Campaign at Villasrubias starts**
- Q3 - **Energy Transition Minerals Files Statement of Claim with Arbitral Tribunal**
- Q4 - **Follow on Drill Campaign at Villasrubias**

# Contact

**Daniel Mamadou**  
Managing Director

**Ed Mason**  
Non-Executive Chairman

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