### MARULA MINING PLC

New Critical
Metal Mines
For Africa





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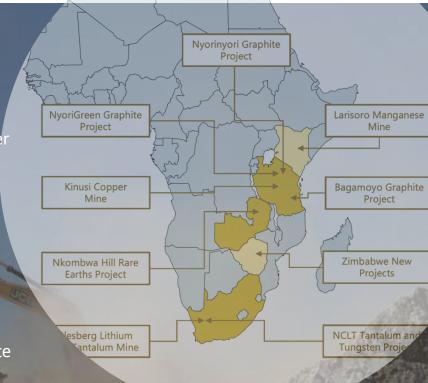
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### MARULA MINING PLC

- Nairobi headquartered mining and new mine development and exploration company
- London stock exchange listed and East and Southern African focused
- To list on Nairobi Securities Exchange in H1 2025 and Johannesburg Stock Exchange thereafter
- Advanced and producing mining projects in the battery and critical metals sector
  - High-grade production of lithium and coltan at the Blesberg Mine in South Africa
  - Tantalum and tungsten production to commence at adjoining Northern Cape Project
  - Manganese production at the Larisoro Manganese Mine in Kenya
  - Copper production to commence at the Kinusi Copper Mine in Tanzania in H2 2024
  - Graphite mine development to commence at the Nyorinyori and NyoriGreen Graphite
     Projects in Tanzania in Q4 2024
  - Exploring high-grade copper mining and processing opportunities in Kenya
  - Advancing technical due diligence on two low-cost lithium-in-brine projects in South Africa and Botswana
  - Well-funded and focused on growth and increasing profits and earnings
  - Board and management with a proven track record of mine development in Africa
  - A focus on rapid mine development, job creation, value addition and profit and share price appreciation to all stakeholders and shareholders



### OUR STRATEGY

A major African-based battery and critical metals focused mining company

Focus on accelerated development, expanding production and increasing resources and exports into the international markets

Identifying new advanced mining projects to support a rapid growth strategy

Listings in London and on major African stock exchanges

Open communication channels with all shareholders and stakeholders



#### Africa's mining sector offers world class opportunities

Some of the world's highest grade, largest tonnage mining and exploration projects in the critical metals sector are located in East, Central and Southern Africa.



#### Marula is well placed to support local companies and governments in these projects

An experienced African-based management team that has the proven capabilities to advance our projects through to long-term sustainable production and both export and secure high-value and highly sought after commodities that are critical to meet the increasing demands from new green technologies and global economies.



### Marula seeks to accelerate development of new mining projects and significantly expand production at existing mines

The Board and executive management are committed to an aggressive growth strategy and in identifying new advanced project opportunities that meet this criteria in order to maximise value to shareholders and all stakeholders.



#### **Partnerships**

Marula is committed to the long-term sustainable production of highly sought after commodities and has signed co-development and partnership agreements to accelerate the development of its current mining projects and support the Company's growth and mine development activities in Africa.

# LEADING OUR STRATEGY IN AFRICA

Experienced team with a proven track record and an in-depth knowledge and understanding of Africa's mining sector



Chief Executive Officer Jason Brewer

Mining engineer and director of a number of publicly listed mining companies focused on mine and project acquisitions and new mine development throughout Africa.

Over 25 years' experience in international mining, financial markets and investment banking in Africa and the UK and Australia



Chairman Richard Lloyd

A fellow of the Institute of Materials, Minerals and Mining and the Geological Society, with over 25 years' natural resources investment banking and mining geology experience.

Richard was previously a Director in the Resources, Energy Infrastructure team at ANZ Bank London, having joined from Commerzbank AG. He has also held positions at Standard Bank London & Dresdner Kleinwort.



Non-Executive Director Hannah Wang'ombe

Current Natural Resources
Program Lead at Oxfam, former
CEO of the Association of Women
in Extractives Kenya, with has
over 10 years' experience in
stakeholder engagement,
relationship building, crisis
management, and public policy
processes at the Kenya Institute
for Public Policy Research and
Analysis.



Non-Executive Director Munyaradzi Murape

CEO of Redstone Partners Limited, a UK-headquartered financial markets development company focused on the Southern African region.

Over 20 years' experience as an investment banker, corporate leader, public and private sector investor. In 2015, he earned the award of the Archbishop Tutu Fellowship at Oxford University.



Non-Executive Director
Ms Angeline Greenwood

Experienced finance executive, worked in the UK and internationally and is currently the Finance Director at the Harlequin Football Club Ltd.

Ms Greenwood is an ACCA Chartered Accountant and has a BA Degree in Accounting and Finance.



# Q GLOBAL COMMODITIES

#### A major strategic investment, and relationship and co-development agreement

- Q Global has established itself as one of South Africa's leading independent commodity, logistics and investment funds
- Operates a portfolio of 49 operating and development coal mining operations in South African and has diversified its interests in the metals mining sector.
- Marula Mining is Q Global's largest single investment and main investment in the critical and battery metals sector
- Quinton van der Burgh, CEO of Q Global Commodities is one of South Africa's leading mining entrepreneurs
- Investment by Q Global allows:
  - the expansion and development of the Blesberg Lithium Mine
  - acquisition and development of new battery and critical metals project interests in Southern Africa
  - the commissioning of the Kinusi Copper Mine
  - development of our portfolio of graphite mines in Tanzania
  - acquisition and development of new battery and critical metals project interests in Kenya and across Africa
  - accelerate our plans to build a major battery and critical metals refining centre in East Africa



# SUSTAINABLE MINING

A focus on ethics, transparency and respect for the environment in partnership with local organisations and communitie

Sustainability and Community

 Job creation and developing transferable skills at all levels and in various jurisdictions across the sector

- Partnering with local stakeholders and existing local charities
- Championing a new approach to caring for the environment
- Prioritising employee health, safety and human rights Governance
- Embraced as a mechanism to drive internal review and constant improvement
- Supporting complete transparency and traceability throughout the value chain

Mayflower Children's Foundation Online Platforms

#### **CHARITY PARTNER**

London/ Kenyan based charity organisation

Aims to improve children's welfare by providing financial, moral and physical support

Through their various charity initiatives, we have had the privilege to change lives of children in different societies in Kenya by visiting schools and children shelter homes.



# TO KENYA'S MINING SECTOR

- Marula is dual listed on A2X Markets in South Africa under ticker code MAR (A2X:MAR)
- Marula will complete a stock exchange listing on the Nairobi Securities Exchange in H1 2025
  - the first new listing in several years on the NSE
  - the first ever inward dual listing on the NSE
  - the first metals mining company to be listed on the NSE
- The listing in Nairobi demonstrates Marula's commitment to Kenya and to East Africa and its local stakeholders
- An opportunity for local investors and partners and key stakeholders to hold shares directly in Marula
- Recognises the vast potential and growth of the Kenyan capital markets and its role in Marula's growth
- The new listings (A2X and NSE) being undertaken as Marula continues to grow its mining business in Africa and looks to deliver on its strategy of establishing itself as the leading battery metals mining company in East and Southern Africa with multiple profitable mining operations and development projects
- The enhanced stock exchange listings are anticipated to provide greater market visibility for investors and an improved ease for investors in the United Kingdom and throughout Africa to invest in Marula
- The new listings are a commitment to all our stakeholders and shareholders to always look to maximise and continue to deliver value



### KENYA GROWTH STRATEGY

- Headquartered in Nairobi
- Marula's listing on the Nairobi Securities Exchange will make it the most identifiable mining company in Kenya
- Clear focus on developing battery and critical metals mining projects in Kenya
- Metals of focus includes manganese, graphite, copper, coltan, lithium and rare earth elements deposits
- Sustainable growth and practices and development initiatives within Kenya, fully aligned with the nation's economic goals and priorities
- Developing these projects in partnerships with all key stakeholders in Kenya:
  - local mining companies, co-operatives and community-based groups
  - government entities
  - National Mining Corporation Kenya (NAMICO)
- Contribute to growth of Kenya's highly prospective mining sector
- Further contribute to Kenya's socio-economic development through responsible mining practices, environmental stewardship, and corporate social responsibility initiatives









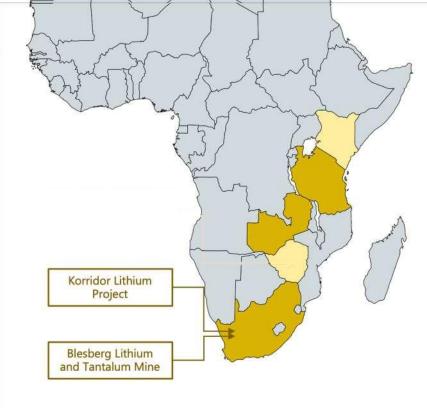
# MINING FOR THE METALS FOR THE FUTURE

#### **Blesberg Lithium and Tantalum Mine, South Africa**

- Marula's first producing mining operation
- Largest known mineralised pegmatite deposit in South Africa
- Proven high grade lithium mineralisation in spodumene of up to 6.5% Li<sub>2</sub>O
- Mine development commenced within 3 months and initial sale of high-grade material completed
- Major investment underway and fully funded to expand mining rates and processing capacity
- Exploration activities ongoing to expand resources and support a +10 year major mining operation

#### **Korridor Lithium Project, South Africa**

- Recent acquisition located 30km west of Blesberg
- Materially increases land holdings by 80 times in a region with proven high-grade lithium deposits
- Potential to develop multiple satellite open pit mining operations at Korridor





# DEVELOPING FOR THE METALS FOR THE FUTURE

#### Nyorinyori Graphite Project, Tanzania

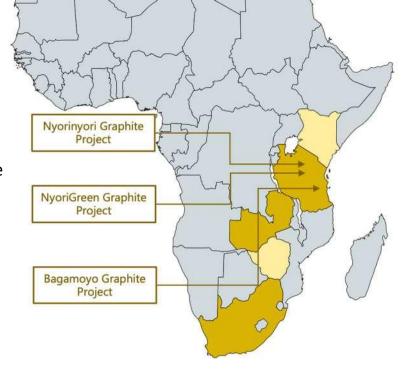
- Extends over 13 granted mining licences in the Nyorinyori area in Simanjiro District in the Manyara Region
- Surface outcrops reveal associated graphite mineralisation extending over +2km in strike length
- Visual estimates show +90% graphite content in shallow, extensive veins
- Visual observations indicate the presence of jumbo graphite flakes

#### Bagamoyo Graphite Project, Tanzania

- Comprises 22 graphite mining licences in the Bagamoyo District in the Pwanai Region
- Two major graphite deposits identified at Mihuga and Sadaan South over +2km in strike length and 200m in width
- At the Mihuga Prospect average assays grades of 9.99% and high-grade samples of 19.71%, 19.33% and 15.65%,

#### NyoriGreen Graphite Project, Tanzania

- Acquisition of a 75% interest in a further 22 granted mining licences in Simanjiro District in the Manyara Region
- Located just 100m from the Nyorinyori Graphite Project
- Large Prospecting application submitted to materially increase land holdings in a region with proven high-grade graphite deposits
- Potential to accelerate development of a major graphite project in the Nyorinyori area





# MINING FOR THE METALS FOR THE FUTURE

#### Kinusi Copper Mining Project, Tanzania

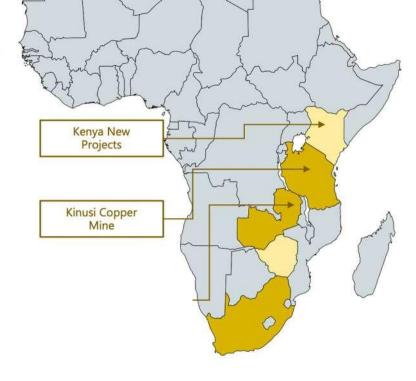
- High grade and shallow copper mineralisation azurite, malachite and borite with assays of up to 20% and visual copper grade estimations of +30% copper
- Independent verification of an Exploration Target of 10-15Mt
- Fully funded into production with additional funding available to expand resources
- Revised and high-value development strategy announced in H2 2024

#### **Larisoro Manganese Mine Project, Kenya**

- Commercial agreement secured a 60% interest in the Larisoro Manganese Mine
- Upgrade and refurbishment work to existing processing plant
- Investment in a new and expanded processing plant and major exploration program to increase resources and improve mine planning
- First production and sales commenced in H2 2024

#### Kilifi Manganese Processing Plant, Kenya

- The Company acquired an 80% interest in the Kilifi Plant
- located approximately 60 km from the Port of Mombasa in the Tezo Area, Kilifi County in Kenya
- the Company is targeting run of mine ore feed to the Kilifi Plant of +20% manganese, that has been historically mined in the region, and which will be upgraded to +30% manganese after processing through the Kilifi Plant



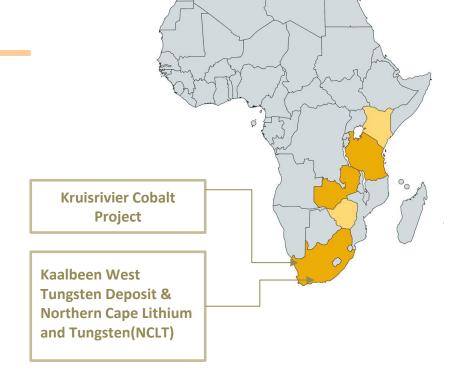
### MINING FOR THE METALS FOR THE FUTURE

#### **Kruisrivier Cobalt Project, South Africa**

- The company acquires 51% majority interest in Mansena Kruisrivier Cobalt Proprietary Limited
- Kruisrivier Cobalt, is a former producing cobalt mine that operated intermittently for over 55 years up to the 1930s
- Exploration work on Kruisrivier Cobalt has been ongoing since 2022 and has determined a current non-JORC compliant historical resources of 733,000t of ore grading 8% cobalt down to a depth of 200m increasing to 1.5 million tonnes of ore grading 8% cobalt down to 500m

### Kaalbeen West Tungsten Deposit & Northern Cape Lithium and Tungsten(NCLT)

- NCLT has a five-year large-scale prospecting license spanning approximately 15,000 hectares, which borders and adjoins Marula's Blesberg Lithium and Tantalum Mine
- The licence covers 16 known previously mined ore deposits; including tungsten and tantalum ore deposits at Kaalbeen, Isis, Koubank and Groendoorn, as well as known pegmatite occurrences at Spodumene Kop and Groendoorn.







# AGGRESSIVE PROJECT ACQUISITION

**MARCH 2022** 

Appointment of New Board

**APRIL 2022** 

Heads of Agreement on New Mining Investments

**JULY 2022** 

Name Change (All Star Minerals changed its name to Marula Mining PLC) OCT 2022

Investment in Copper; The Kinusi Copper Mine in Tanzania

**JAN 2023** 

Appointment of Geofields Consultants to Commence Exploration at Kinusi Copper Project JAN 2023

Graphite Exploration
Activities Commence at the
Bagamoyo Project

NOV 2022

Increased Shareholding in Blesberg to 100% ownership OCT 2022

US\$5M Lithium Prepayment
Secured to Fund Blesberg.
Processing of Stockpiles
Commences at Blesberg

JAN 2023

Investment and Co-Development
Partnership with Q Global
Commodities Group

FEB 2023

Marula Mining Seeks
Listing on AIM

FEB 2023

Appointment of PWC Kenya as Advisor on East African Transactions **FEB 2023** 

Co-Development and Relationship Agreement Signed

**MARCH 2023** 

Appointment of New Broker
Peterhouse Capital Limited

FEB 2023

Establishment of New Mining Subsidiary in Zimbabwe (Muchai Mining (Pvt) Limited) FEB 2023

Increased 75% Interest Secured in the Kinusi Copper Project FFR 202

Marula acquired 75% Interest in Nyorinyori Graphite Project

MARULA

# RAPID MINE DEVELOPMENT

**MARCH 2023** 

Key appointments for New Primary Listing **APRIL 2023** 

High-Grade Graphite

Mineralisation Observed at

Nyorinyori Project

**APRIL 2023** 

Two Major Graphite Prospects
Observed at the Bagamoyo)

**APRIL 2023** 

New Equipment arrives at the Blesberg Lithium Mine

**JUNE 2023** 

Appointment of Key Positions to Strengthen Management Team **MAY 2023** 

Establishment of Muchai Mining Kenya Limited a Subsidiary in Kenya **APRIL 2023** 

Discharge of Debenture

**APRIL 2023** 

Formal Commercial
Agreements Entered into on
Tanzanian Projects



Advisers Appointed for Proposed

Listing on Johannesburg Stock

Exchange

**JULY 2023** 

Strengthening of Board of Directors

**AUG 2023** 

Results for the year ended 31 December 2022

AUG 2023

Blesberg Assay Results confirm an average grade of 6.50% Li2O

AUG 2023

Admission to Apex Segment of the AQSE Growth Market **AUG 2023** 

Additional Equipment Arrives at Blesberg for approximately ZAR10 million through Q Global Commodities Group **AUG 2023** 

Geofields Tanzania Limited Appointed to Commence Exploration at the Nyorinyori Graphite Project in Tanzania **AUG 2023** 

Assay Results for Bagamoyo confirm high-grade graphite up to 19.71% Total Graphite Content



# DELIVERING ON STRATEGY

**AUG 2023** 

Contractor PDS Africa Pty ltd appointed with drills mobilised to Blesberg for Drilling **AUG 2023** 

Key Board Appointments AUG 2023

Results from Phase 1 Program at Kinusi: Initial 10-15Mt Target (visible copper grades of up to 30%.) **AUG 2023** 

Admission to Apex Segment of the Aquis Stock Exchange

SEP 2023

Approx. US\$1.35M resource drilling exploration and mine planning program for Blesberg underway

**AUG 2023** 

First Contract Signed for Sales of Blesberg's High-Grade Lithium Ores Direct into China AUG 2023

Two XRF Ore Sorters Acquired for Blesberg **AUG 2023** 

Copper Processing Plant Completed and Ready for Transportation to Tanzania

SEP 2023

Termination of offtake agreement with Southern Jade Resources Pty ltd

SEP 2023

Agreement with NyoriGreen Mining to secure 75% commercial interest in 10 graphite licenses that make up the NyoriGreen Graphite project

NOV 2023

The Phase 1 drilling program completed.

OCT 2023

Assay Results from the Phase 1
Exploration Program at Kinusi received,
with grades up to 15.48%

**OCT 2023** 

Phase 1 Drilling Program at
Blesberg is over 90% complete and
Phase 2 has commenced

**OCT 2023** 

Agreement with Opencast Resources and Future Gems to secure 70% interest in Future Gems from Opencast Resources



# ADVANCEMENT OF PORTFOLIO

**DEC 2023** 

Commencement of Phase 1
Exploration at the Nyorinyori and
NyoriGreen Graphite Projects

**DEC 2023** 

Dividend Policy Introduced **DEC 2023** 

Completed construction of the Rados SRF100-8 ore sorter

**DEC 2023** 

Successful factory acceptance testing work of the Rados SRF100-8 ore sorter

**DEC 2023** 

Approx. US\$1.35M resource drilling exploration and mine planning program for Blesberg underway

**DEC 2023** 

Arrival of New Processing Equipment at Blesberg- The Rados SRF100-8 XRF DEC 202

Phase
2 diamond resource
drilling program
completed

**DEC 2023** 

Appointment of New COO-Martin Westerman

DEC 2023

Phase 1 and Phase 2 diamond drilling programs have both been completed, ahead of schedule, with 42 holes completed for a total of 2,386.67 meters

**DEC 2023** 

Arrival of New Processing Equipment at Blesberg

**DEC 2023** 

Phase 1 Exploration Activities Completed at Nyorinyori and NyoriGreen Graphite Projects **DEC 2023** 

Completed inspection and review of the Tanzania Copper Processing Plant

DEC 2023

Expansion of Graphite Interests with
7 New Mining License Applications at
Nyorinyori and NyoriGreen

**DEC 2023** 

Rados SRF100-8 XRF ore sorter and associated conveyors Successfully Installed at Blesberg, Commissioning and Optimisation to Commence

**DEC 2023** 

Commencement of Community Engagement Process at Nyrorinyori and NyoriGreen Graphite Projects in Tanzania



# MULTIPLE PROJECTS MULTIPLE CASHFLOWS

**DEC 2023** 

7 New Graphite Mining Licenses
Issued to Takela and NyoriGreen
Mining

**DEC 2023** 

Result of AGM

JAN 2024

Update on the 89 % recovery rate

Sorter at Blesberg

e Tanzanian Exploration Budgets

Ore Approved for Project Developmen

during Optimisation of the Rados Ore Approved for Project Developments

in 2024

**JAN 2024** 

**JAN 2024** 

Appointment of Head of Exploration **JAN 2024** 

7 New Graphite Mining Licenses Issued to Takela and

NyoriGreen Mining

FEB 2024

Further re-funding Arrangement with Q Global Commodities

FEB 2024

Expansion to Marula's Executive

Management Team

**FEB 2024** 

Posting of Circular

**MAR 2024** 

Marula to Invest in Kenyan Manganese Mining
Operation & Issue of Equity

**MAR 2024** 

Appointment of Community Relations

Manager and Community Engagement in

Samburu County, Kenya

MAR 2024

Expansion of Geological and Exploration

Team in Kenya

MAR 2024

New **Graphite** Mining and Prospecting License Applications by NML

**MAR 2024** 

Long-Term Offtake Agreement Signed for Blesberg **MAR 2024** 

Update on Blesberg Mining Right & Permits

**MAR 2024** 

Commencement of Exploration Activities at Larisoro



### **ADVANCEMENT OF** PORTFOLIO

#### **MARCH 2024**

Commencement of Exploration Activities at Larisoro

#### **APRIL 2024**

**Assay Results for** Nyorinyori & NyoriGreen reporting an average of 8.85% TGC

#### **APRIL 2024**

Granted a Manganese Mineral Dealer Trading License in Kenya

#### **APRIL 2024**

Commence of refurbishment and upgrade work to the existing processing equipment at the Larisoro Mine

#### **APRIL 2024**

Commencement of Trading on A2X. (A2X:MAR)

#### **APRIL 2024**

Issue of New Graphite Licences and Issue of Equity

#### **APRIL 2024**

Secondary Listing of **Ordinary Shares on** 

#### **APRIL 2024**

Further re: Subscription of Shares Agreement to QGC

#### **MAY 2024**

Appointment of New Mine Manager at Larisoro

#### **MAY 2024**

Assay Results For Manganese Ore at Larisoro reported an average grade of 35.73% manganese

#### **MAY 2024**

for Larisoro

#### **MAY 2024**

Key Operations Contracts Sales and Offtake Agreement for Manganese at Larisoro with Fujax UK Ltd

#### **JUNE 2024**

Commence transportation of Initial approx. 1,000t of manganese ore to Nairobi then transported by rail through to Mombasa Port

#### **JUNE 2024**

**Update on Primary Stock Exchange** Listing & Update

#### **JUNE 2024**

**Formal Document Mine Support** Services Agreement ("MMSA") **Executed for Larisoro** 

#### **JUNE 2024**

Manganese Export Logistics Agreement Update on Blesberg Spodumene scheduled Signed with Scan Global Logistics Kenya Limited

#### JUNE 2024

sales with initial sales of 500 tonnes



# ADVANCEMENT OF PORTFOLIO

**JULY 2024** 

Appointment of Logistics and Procurement Manager **JULY 2024** 

Acquisition of Majority
Interest in Cobalt Mine

**JULY 2024** 

Community Liaison Officers Appointed at Larisoro

**JULY 2024** 

Acquisition - Kilifi Manganese Processing Plant

**JULY 2024** 

Acquisition of Lithium, Tungsten and Tantalum Project Adjoining Blesberg

**AUG 2024** 

Ore Supply Agreement Signed for Kilifi

AUG 2024

Tomra XRT Ore Sorter
Update & Issue of
Equity

**AUG 2024** 

Assay Confirm High Grade Manganese Ore

**AUG 2024** 

Two New Manganese Ore Supply Agreements for the Kilifi Processing Plant **SEPT 2024** 

Commencement of a Ground Geophysics Survey at Larisoro **SEPT 2024** 

First Manganese Exports
Sales Completed from
Larisoro

**SEPT 2024** 

Revised Development Plan for Kinusi Copper Mine SEPT 2024

New Mobile Equipment Secured for Larisoro



# ADVANCEMENT OF PORTFOLIO

OCT 2025

Blesberg Proposed JV for a Lithium Sulphate plant OCT 2025

Three 10kg copper samples taken to South Africa for test work

**NOV 2025** 

Kinusi Mine- Conventional open pit mining of the No. 4 Pit continued

**DEC 2025** 

Blesberg Mine to Move to Contract Mining, Ongoing Restructure of Equipment Leasing Agreements

**DEC 2025** 

Marula withdraws from its planned exploration and project acquisition activities in Zimbabwe

**DEC 2025** 

Marula relinquished its minority interest held in the Nkombwa Hill Project located in Zambia

**AUG 2024** 

Tomra XRT Ore Sorter Update & Issue of Equity **DEC 2025** 

Appointment of Sales
Consultant

**DEC 2025** 

Marula relinquished its minority interest held in the Nkombwa Hill Project



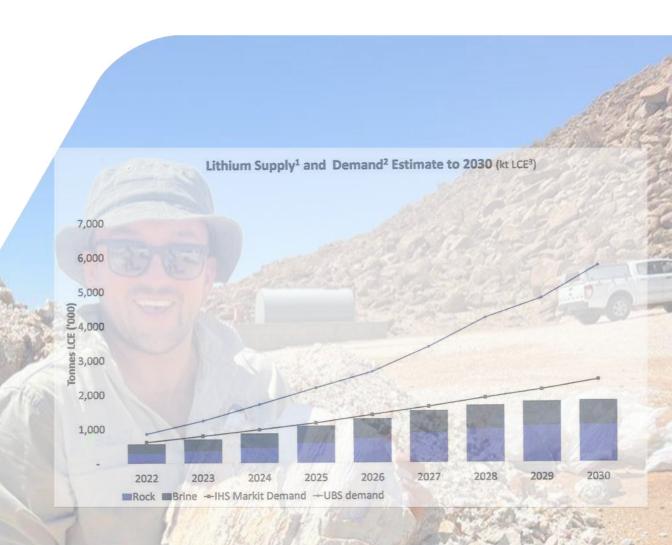


# COMMODITIES DRIVING A SUSTAINABLE FUTURE

Marula's focus is on critical commodities and raw materials as declared by the US and EU and throughout Africa Copper Lithium **Tantalum Rare Earths** Niobium Graphite **Electronics** Renewable's Medical **Industrials** Agriculture **Batteries** 

### **LITHIUM**

- Lithium plays an integral role in the global transition to net zero being vital to lithium-ion batteries for EVs and energy storage
- EV demand will continue to drive the lithium market: EV penetration will reach 15% in 2025, and is expected to rise to around 35% by 2030
- The global demand for lithium in 2030 is estimated to be over 2Mt, four times the global production in 2020 and more than doubling the demand forecast for 2025
- Listed as one of the EU's critical raw materials

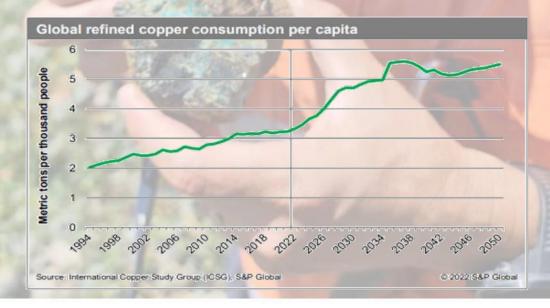




### COPPER

- Copper is on the Critical Minerals list globally. It is required for the move to electrification as the world moves away from its dependence on fossil fuels
- Recent activities have resulted in the copper price hitting all-time highs before retreating on fears of a global recession
- Modern society is moving away from fossil fuels to cleaner sources of energy, and this is expected to greatly increase the demand for copper
- Renewable energy sources (solar, wind), electric vehicles and the supporting infrastructure, medical equipment, construction and several household appliances





### **GRAPHITE**

- Due to being a strong heat and energy conductor, graphite is important for the battery metals sector
- Graphite is mainly used in the production of electric vehicles and lithium-ion batteries
- It is also used in the production of solar panels and electric brushes for wind turbines as society moves away from fossil fuels to focus on renewable energy sources
- Due to the strong demand for graphite from the electric vehicle battery sector, and a limited supply, the graphite market is expected to experience a boom
- Listed as one of the EU's critical raw materials



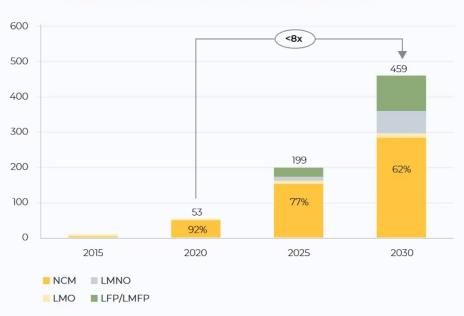


### **MANGANESE**

- Manganese is a transition metal which is commonly known for its distinct properties including being ductile, malleable and able to conduct electricity and heat.
- More than 90% of the manganese produced goes into metallurgical applications, the pure metal being used in copper and aluminum alloys and ferromanganese and silicomanganese employed in steel and cast iron
- Whilst manganese is commonly associated as being reliant on steel consumption and steel market forces, this paradigm could shift over time as battery technology demand grows
- Current preferred battery cathode compositions, utlise manganese, cobalt, nickel and aluminium. Of these compositions manganese is by far the cheapest mineral to mine and produce.

### Battery demand for manganese set to accelerate

Manganese demand from cathodes, thousand tonnes M contained, 2015-2030



SOURCE: BENCHMARK MANGANESE SULPHATE MARKET OUTLOOK



Demand for manganese in batteries is set to grow over eight-fold this decade, due to new battery chemistries and rising electric vehicle sales, according to Benchmark's Market Outlook.



# RARE EARTH ELEMENTS

- Rare earths are critical to the global transition to a green economy
- Required for magnets in wind turbines, electric vehicles and most consumer electronics
- Critical to defence technologies, specifically fighter jet engines
- China holds a monopoly over the market for rare earths, producing an estimate 90% of the worlds output
- Western governments are beginning to realise the importance of security of supply of rare earths, outside of China
- From 2022 to 2035, Adamas Intelligence forecasts that global demand for NdFeB magnets will increase at a CAGR of 8.6%, driven by double-digit growth from the EV and wind power sectors
- Adamas forecasts that the value of global magnet rare earth oxide consumption will triple by 2035 to US\$46.2 million
- Listed as one of the EU's critical raw materials



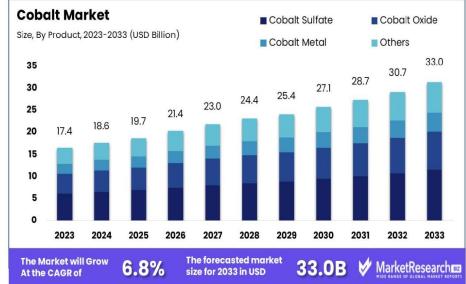




### **COBALT**

- Cobalt is a critical component in lithium-ion batteries, which are used in a wide range of devices, including smartphones, laptops, and electric vehicles.
- Its ability to enhance battery life and energy density makes it highly valuable in this industry. Required for magnets in wind turbines, electric vehicles and most consumer electronics
- Cobalt is a valuable material recovered during the recycling of used batteries.
   This process helps in reducing the need for new cobalt mining and supports the sustainable supply chain for battery production.







### **TUNGSTEN**

 Tungsten is used in the aerospace and automotive industries for parts that need to endure high stress and temperature, such as turbine blades, rocket nozzles, and high-performance engine components

 Tungsten has a very high melting point, making it ideal for use in light bulb filaments. It allows the filament to glow brightly without melting, providing long-lasting illumination

Tungsten carbide, a compound of tungsten, is extremely hard and durable. It is widely used in cutting tools, such as drill bits and saw blades, and in industrial machinery that requires materials capable of withstanding high temperatures and wear





Global Tungsten Market Size, 2031 (USD Million)

www.businessresearchinsights.com

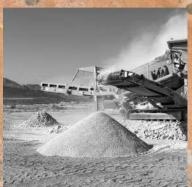


# BLESBERG LITHIUM AND TANTALUM MINE

- granted Prospecting License and Mining Permit
- located in South Africa's mineral rich Northern Cape Province
- one of South Africa's largest (8-10Mt) mineralised pegmatites
- historically mined as South Africa's largest source of tantalite
- over 250,000t of historical stockpiles containing high-grade spodumene
- assays confirm high-grade spodumene in stockpiles of +6.00% Li<sub>2</sub>O
- commenced re-processing of the lithium rich stockpiles in Q1 2023
- US\$5.5m investment in new mining and processing equipment in Q2 and Q32023 to increase monthly sales to up to 5,000tpm of a high-grade spodumene in H1 2024
- US\$1.75m exploration, resource drilling and mining program almost complete
- large scale conventional open pit mining and processing to commence H2 2024
- major long-term lithium offtake agreement entered into in Q1 2024









2013 AMGIS (PN) Ltd.

# STOCKPILE RE-PROCESSING





re-processing of the historical stockpiles commenced in Q1 2023 material is loaded and hauled and crushed and screened and stockpiled

ahead of final sorting



current re-processed stockpiles include runof-mine, >140mm, 10mm to 55mm, <10mm and >80mm (pre-screen) sized material



approx 40,000t of material contained in the re-processed stockpiles ahead of final sorting



US\$5.5m investment in new mining equipment and new processing plant and equipment in Q2 and Q3 2023



historic stockpiles to be reprocessed over the next 24months to produce 2,000tpm of a high-grade lithium spodumene product



recovery of mica, feldspar and tantalum which is also contained in the historical stockpiles commenced in H1 2024





### HIGH-GRADE SPODUMENE AND OFFTAKE SALES

- Bulk sampling of the high-grade spodumene material at Blesberg has been independently tested on multiple occasions and by numerous parties throughout 2023 and 2024
- metallurgical process and flotation testwork on the high-grade spodumene from Blesberg has further been undertaken in South Africa and Europe
- independent assay reports have consistently confirmed high-grade results of between 5.81% and 6.50% Li2O for spodumene product tested in the stockpiles
- results from the metallurgical testwork have confirmed the economic viability of the proposed expanded processing operations at Blesberg and the yields to be achieved.
- In March 2024, wholly owned South African subsidiary South African Lithium and Tantalum Mining (Pty) Limited signed a long-term offtake agreement with United Kingdom based, global metals, minerals and energy commodities trading group Fujax UK Ltd for spodumene ore and concentrate from the Blesberg Lithium and Tantalum Mine.
- the agreement is based on the sale and purchase of 100% of Blesberg's production of spodumene ore and concentrate to Fujax through to 31 December 2026
- minimum deliveries of 5.50% Li<sub>2</sub>O to be delivered during this period
- option to extend by a further three years



# NEW OPEN PIT MINING AND PROCESSING

- mine planning commenced in Q3 2023 to develop conventional open pit hard rock mining of the
   Noumas I lithium bearing pegmatite
- the Noumas I pegmatite is just one of multiple pegmatites on the Blesberg license area that are proposed to be mined and developed
- open pit mine design study, and an initial mining works program completed in Q4 2023
- mining of the intermediate and wall zones in the pegmatite will commence in Q4 2024
- these zones make up over 80% of the pegmatite and contain an estimated +1Mt of spodumene sufficient for an initial +10 year mine life
- initial mining rates of 20,000tpm of material delivered to the processing plant
- testwork in Germany and South Africa has confirmed yields of 13-15% are achieved through the TOMRA and RADOS sensor based XRF ore sorters
- production from the open pit of an initial 3,000tpm of a high grade (+6% Li<sub>2</sub>O) +20mm saleable high-grade lithium spodumene product
- total monthly production of an initial 5,000tpm with the additional 2,000tpm of saleable product recovered from re-processing of the historic stockpiles



### AND OPEN PIT MINE PLANNING

- major US\$1.35M resource drilling exploration and mine planning program commenced in Q3 2023
- aimed at defining a maiden JORC resource estimate and finalise open pit mine planning and optimise operations
- PDS Drilling commenced a 2-phase 41 diamond drill program in Q3 2023.
- airborne geophysics and multispectral satellite imaging work, geological modelling, open pit mine design study and an initial mining works program, environmental studies and discounted cashflow analyses underway
- Phase 1 drilling completed ahead of schedule in early Q4 2023
- Phase 2 drilling completed iahead of schedule n late Q4 2023
- samples submitted to ALS Laboratories and assays in Q4 2023
- JORC resource estimate to be completed in H2 2024
- mine planning and optimisation program completed in Q4 2023
- pre-stripping and open pit mine development to commence in Q1 2024
- first production from new open pit in H1 2024
- open pit operations to continue for +10 year minelife



### LITHIUM SULPHATE PLANT JOINT VENTURE

- The Joint Venture proposed to be established between the Company, its offtake partner and a Chinese battery manufacturer is for the production of a high value lithium intermediate product at Blesberg
- The planned Lithium Sulphate Plant at Blesberg would aim to produce 2,000 tonnes per annum of a high-grade and high-value lithium product from a spodumene head-feed grade of >3.5% Li<sub>2</sub>O and sizing of 3mm to 5mm
- Spodumene material from Blesberg has already been delivered to the Chinese battery manufacturer, who conducted extensive metallurgical test work in H1 2024 to assess the viable extraction of the spodumene material to produce a high-grade and high-value lithium product
- The proposed Lithium Sulphate Plant will be located on the existing permitted mining area at Blesberg
- Spodumene ore from conventional open pit mining operations will be fed to the planned Lithium Sulphate Plant using material from the existing crushing, screening, XRF and XRT ore sorting and processing facilities on site
- The preliminary design work and metallurgical flowsheet for the Lithium Sulphate Plant has been completed based on the test work that was undertaken in China on spodumene ores delivered from Blesberg







### BLESBERG LITHIUM AND TANTALUM MINE



Processing plant and open pit mine expansion in Q4 2023 and first major lithium sales in Q2 2024



Resource drilling completed in Q4 2023 and new JORC resource to support a +10 year mine life



Assay results have consistently confirmed high-grade ores of +6.00% Li<sub>2</sub>O



Robust and low cost operation with total costs of US\$400/t and net margins of +75%

### mining and processing of high-grade spodumene ores from a low-cost and high margin operation



- initial mining and processing operations commenced in Q1 2023
- fully funded mine and process plant expansion underway
- Major increase in JORC resources in Q3 2024
- long-term offtake agreement signed Q1 2024, with first commercial sales commenced in Q2 2024
- increased production and sales of a high-grade lithium product with work anticipated to commence on the Lithium Sulphate Plant in H1 2025
- low cost and high margin and processing mining operation

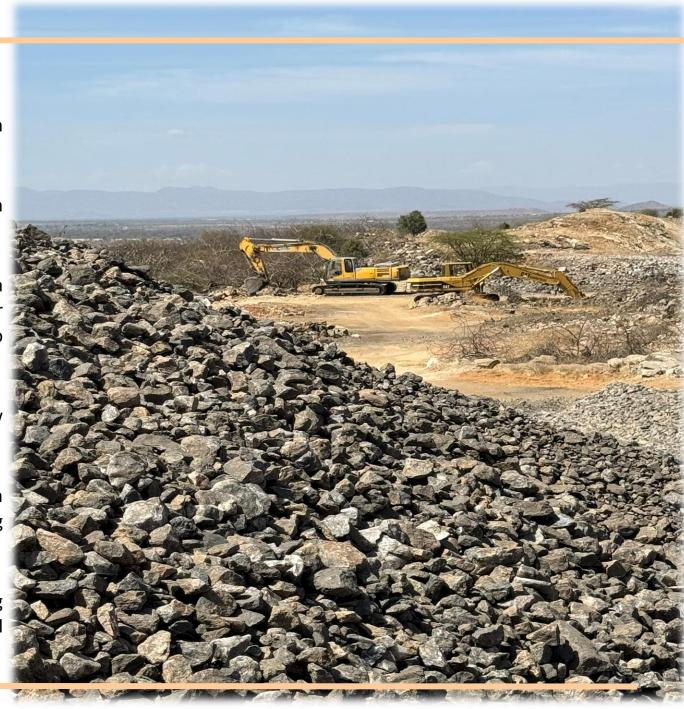


NEXT PHASE
OF WORK



### LARISORO MANGANESE MINE PROJECT

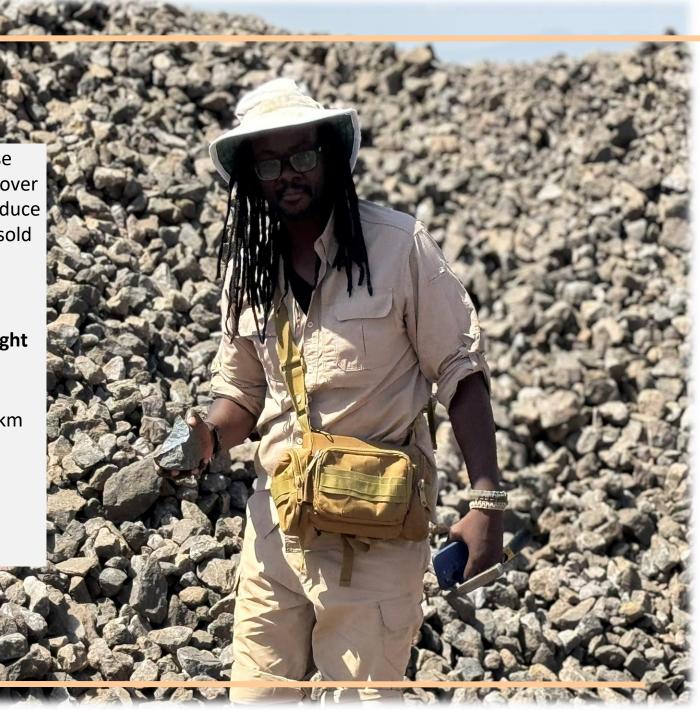
- Larisoro Manganese Mine located in Samburu County in Northern Kenya
- Within the Proterozoic Mozambique mobile belt, in the portion which lies to the east of the East African Rift Valley.
- Marula has 60% commercial interest stake through signing a Binding Terms Sheet with Kenyan manganese mine operator Gems and Industrial Minerals Limited with an option to increase to 70%
- The Larisoro Manganese Mine is a conventional and shallow open pit mine with two granted and adjoining mining licences
- Marula to make an Initial investment of approx US\$1.5 million in new mobile mining equipment and new processing equipment to increase production and resources
- The investment in new mobile mining and processing equipment and upgrades and expansion commenced in April 2024



### LARISORO MANGANESE MINE

Mined manganese ore has ranged from 18.82% manganese ("Mn") to up to 55.01% Mn and has averaged 33.41% Mn over the past 6 years and which is crushed and screened to produce a +37.00% Mn saleable product that has historically been sold into the Asian markets.

- The immediate site consists of 3 open pits that form a cumulative length of at least 600m that strikes at 235° (Right Hand Rule).
- These are intermittently spread over a strike length of 1.2km with depths varying between 12m to 1.5m deep.
- Ore thickness ranges between 1m to 3m with an average grade of > 36% after crushing to 60mm followed by hand sorting.





### LARISORO MANGANESE MINE PROJECT

#### **COMMUNITY ENGAGEMENT**

- This social responsibility approach reflects the Company's and its partners' commitment to Environmental, Social, and Governance ("ESG") principles, and it represents a critical milestone in the Larisoro Manganese mine project's journey toward sustainable mining
- The Marula mining team has been actively involved in community engagement meetings with representatives from Archers Post and Samburu communities to discuss Projects.

#### **Key points including:**

- Discussion focused on the need for an active and transparent community engagement program which supports and empowers the communities and planned mining activities
- The commencement of its partnership with the Mayflower Children's Foundation with refurbishment work at the Nakwamor Primary School











### LARISORO \_\_\_\_\_ MANGANESE MINE



Processing plant upgrades and open pit mine operations underway



Exploration work has commenced to expand and better define high-grade resources



Historical assay results have confirmed a high value product of +37% Mn



Sales scheduled to continue in H2 2024 from the planned low cost operation



- initial mining and processing operations commenced in Q1 2024
- long-term offtake agreement signed in 2024
- Exports sales of an initial 476 tonnes of manganese at an average grade of 37% manganese ("Mn") from the stockpiled manganese ore in Nairobi was completed under the management of GIM and with SGL Group
- increased production and sales of a highgrade manganese product in H2 2024
- Low cost and high margin and processing mining operation
- Acquisition of new mobile mining equipment; a Front-End Loader ZWL33G, Crawler Excavator ZE245EPro and Hydraulic Hammer
- The arrival and use of this equipment will give the Company the operating capacity to achieve its target monthly manganese ore production and processing rates to an initial 10,000 tonnes



#### **MANGANESE**

#### MINERAL DEALER TRADER LICENCE IN KENYA

- Mineral Dealer's Trading License granted to Marula Mining.
- The License allows the Company to buy, sell and export manganese ores in and from Kenya in accordance with the conditions set out in the Mining Act No. 12 of 2016 and the Mining Regulations 2017 (Dealings in Minerals)
- Manganese ores to be purchased by Marula under the License will initially include the planned increased volumes of manganese ore mined and processed from the Larisoro Manganese Mine
- The License also permits Marula to purchase manganese ores from other Kenyan-based mining companies, which will be undertaken as part of the Company's broader strategy to position itself as one of the major companies in Kenya in the manganese sector
- These purchased manganese ores to be sold into the export markets by Marula under agreed offtake agreements







### 

- 75% interest in 10 mining licences located at Kinusi in Mpwapwa District in the Dodoma Region of central Tanzania
- licences extend over a combined area of approxy 91 hectares with 8 of the licences contiguous
- mining licences are valid for a period of 7 years
- samples of the copper ore mined from the small-scale activities on site and azurite and malachite copper mineralisation exposed in shallow pits and shafts reported copper grades of up to 31.32%
- independent geological consultants confirmed a major copper mineralised system extends for over 1km in length and over 300m in width
- initial Exploration Target of a 10-15Mt deposit of high-grade copper and gold
- open pit mining of the shallow and visible high-grade copper ores
- new development strategy to be implemented to produce a higher value copper cement / copper cathode product
- new leaching plant to be added to crushing and milling circuit
- construction to commence on site in early H2 2024





#### 10-15 MT

#### **EXPLORATION TARGET**

- independent geological consultants, Geofields have confirmed a major copper mineralised system at Kinusi that extends for over 1km in length and over 300m in width at the main Sasimo Prospect
- an initial Exploration Target of a 10-15Mt deposit of high-grade copper, gold, and other base metals has been estimated
- the Exploration Target has the potential to be increased to in excess of 50Mt on completion of definitive resource drilling programs proposed to be completed in the next phase of exploration work at Kinusi
- bulk samples were taken of the shallow and at surface visible blue-green azuritemalachite copper mineralisation
- high-grade assays from the Sasimo Prospect included 15.48%, 11.69%, 11.03%, 8.11%, 6.55% and 6.54% copper
- the high-grade copper assays demonstrate the potential that exists at the Sasimo Prospect to become a low-cost copper project capable of selling high grade copper to international markets
- Phase 2 exploration work to commence in Q4 2024 and will include JORC resource drilling, detailed economic analyses, larger scale mine design study work and initial mining works programs



### REVISED DEVELOPMENT PLAN

- Copper Cathode Production set to commence in 2025.
- The updated mine development plan involves a large conventional open pit mine development and a two-phase processing operation comprising Phase1: gravity concentrate, coarse jigging and fines dewatering circuit to produce a 24,000 tonnes per annum of high-grade copper concentrate
- The estimated capital costs for the Phase 1 gravity concentrate, coarse jigging and fines dewatering circuit based on the quotes received is approx. ZAR 27.4 million (approximately £1.4 million), which will be funded from available, but undrawn amounts due, from the subscription agreement entered into with AUO Commercial Brokerage LLC in 2024.
- Phase 2 will then incorporate a hydrometallurgy fines optimised heap leaching circuit, a copper solvent extraction as well as electrowinning refining process to produce an initial 10,200 tpa of copper cathode.
- The Phase 2 processing flowsheet is to then be fully integrated into the Phase 1 processing flowsheet
- The planned heap leach operation is proposed to be optimised with more copper per cubic metre of deposited solids, which is proposed to increase recoverable copper units by way of leaching. The resulting enrichment of the leach feed also improves acid utilisation. The resultant pregnant leach solution is collected as run-off from the fines optimised heap leach deposition solids and serves as feed solution for the copper solvent extraction and electrowinning refining circuit



### AND PROCESSING

- Detailed design work completed for the installation and commissioning of a modular copper processing plant
- Run-of-mine feed from conventional open pit mining focused on the shallow and high-grade copper mineralisation in the Takela 1, 2, 3, 4 and 12 pits
- Initial mining and processing works to run in parallel with ongoing exploration work
- Major processing options reviewed in Q2 2024 to maximise recoveries and copper
- Processing plant to now include additional milling and leaching circuit to produce a higher value copper cement
- Processing plant capacity to be increased in parallel with ongoing exploration work
- Off-take negotiations advanced for sale of copper concentrates to UK-based and global trading commodity groups
- Site works and upgrades to infrastructure to be completed in Q4 2024
- Plant construction and commissioning in H1 2025 First copper sales and revenues in late H2 2024



### KINUSI COPPER PROJECT



Processing plant commissioning in H2 2024 and first sales to follow



Exploration Target confirmed of a 10-15Mt deposit of high-grade copper in major copper mineralised system



Assay results confirmed highgrade and extensive copper mineralisation of grades of up to 15.48%, copper



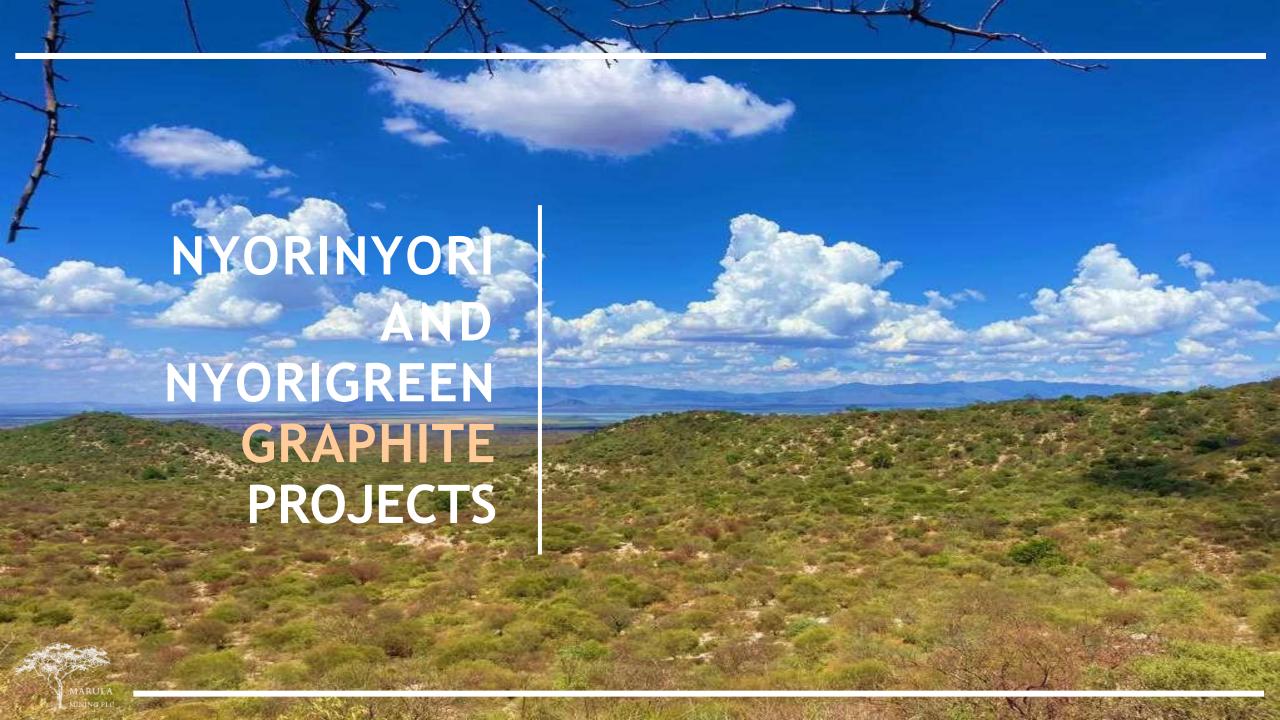
Resource drilling to commence Q3 2024 with detailed economic analyses, larger scale mine design and plant design and expansion

### mining and processing of shallow, high-grade copper mineralisation and parallel resource drilling and larger scale mine and processing work



- process plant commissioning in H1 2025
- production and sales of copper concentrate to four global four global commodity trading groups Q1 2025
- Phase II exploration activities commenced in Q4 2024
- exploration activities to include geophysical survey across the full license area
- drilling program to establish JORC compliant resource
- Mine economic analyses, upgrade to operations and expanded mining works commenced in H2 2024





# NYORINYORI GRAPHITE PROJECT

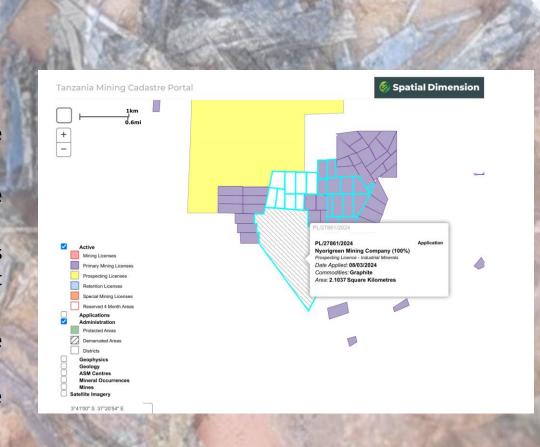
- 75% interest in 13 granted graphite licences located in Simanjiro District in the Manyara Region of Tanzania
- licences are contiguous and extend over a combined area of approx. 86 hectares
- mining licenses valid for a 7-year period
- region is considered highly prospective for graphite, with shallow mineralization present and small scale mining activities already underway.
- a focus on advancing the Nyorinyori Project through completion of a feasibility study through an accelerated exploration and development timetable
- exploration has confirmed high-grade jumbo and large flake graphite mineralisation already seen on site.



- high-grade graphite mineralisation observed across the licences at Nyorinyori
- visual estimates show +90% graphite content
- shallow, extensive graphitic veins exposed
- surface outcrops reveal associated graphite mineralisation extends for over 3km
- visual observations indicate the presence of jumbo and large graphite flakes in current small- scale mining
- mapping and sampling work completed
- further consolidation and acquisitions in the region being progressed with 9 new mining license applications

### NYORIGREEN — GRAPHITE PROJECT

- 75% interest in 22 granted graphite licences also located in Simanjiro District in the Manyara Region of Tanzania
- licences are located contiguous to the Nyorinyori Graphite Project
- licenses valid for a 7-year period and renewable thereafter
- extends over an area of approx 100 hectares in an area in which the Company is looking to consolidate its position and strategic advantage
- surface outcrops of graphite mineralisation are found extensively on the license area
- targeting high-grade and shallow graphite mineralisation which has already been identified on the adjoining Nyorinyori Graphite Project licenses
- exploration has commenced targeting the high-grade jumbo and large flake graphite mineralisation
- mapping, sampling and trenching work planned across the entire license area
- An application was submitted for a large Prospecting License, remains outstanding and expected to be issued in Q3 2024, this further increases the company's footprint in the region



# NYORINYORI Phase 1 Assays

- The Phase 1 exploration program completed in December 2023
- assay results from 122 samples taken
- average of 8.85% Total Graphitic Carbon ("TGC"), with the highest recording at 15.89%
- High-grade assays include 15.89%, 14.17%, 13.92%, 12.14%, 11.82%, 11.38%, 11.37%, 11.26% and 11.22% TGC
- Results include:
  - 60m at 9.39% TGC and including 24m at 11.15% TGC
  - 78m at 8.57% TGC and including 12m at 10.18% TGC
  - 107m at 9.24% TGC and including 16m at 10.49% TGC
  - 65m at 9.39% TGC and including 16m at 11.02% TGC
- Results confirm the presence of a strong and graphite mineralised system that remains open-ended along strike
- Medium-sized open pit mining operation scheduled to commence development in H2 2024





### **GRAPHITE PROJECTS**

#### **COMMUNITY ENGAGEMENT**

- This process of community engagement demonstrates the Company and its partners commitment to its Environmental, Social, and Governance ("ESG") principles, and is a significant milestone in the planned progress of the Nyorinyori and NyoriGreen graphite projects journey towards sustainable mining.
- In December 2023 Takela Mining Tanzania Limited and NyoriGreen Mining Limited Directors met with Magadini village community to discuss the planned project developments and have been working together since then.

#### **Key points included:**

- Detailed plans for exploration & mine development phases presented.
- Discussion on employment opportunities at the Projects, with agreed minimum requirements.
- Agreement on priority ESG initiatives: investment in local infrastructure, roads, community buildings, and social infrastructure.









### NYORINYORI GRAPHITE PROJECT



Exploration has confirmed high-grade graphite mineralisation across the licences



Surface outcrops reveal graphite mineralisation extends for over 3km on current licences



Visual estimates of +90% graphite content and presence of jumbo and large graphite flakes



Shallow, extensive graphitic veins seen in current small scale mining activities

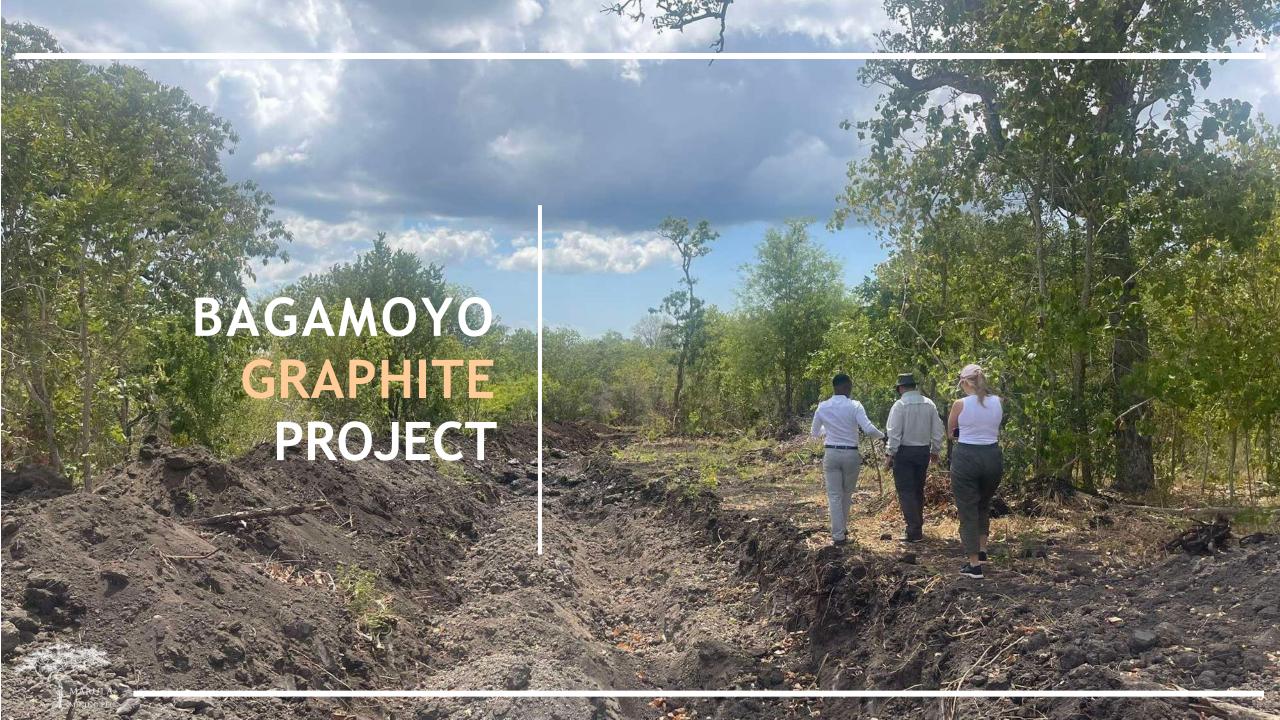
a focus on fast-tracking the graphite projects at Nyorinyori through to completion of a feasibility study and commencement of development



- Phase I exploration activities completed in Q4 2023
- exploration across the combined 35 granted mining licenses
- Targeting high-grade and shallow graphite mineralisation
- high-grade jumbo and large flake graphite mineralisation to be primary focus of exploration activities
- mapping, sampling and trenching work planned across the entire license area



NEXT PHASE
OF WORK



### BAGAMOYO GRAPHITE PROJECT

- 73% interest secured in 22 granted graphite mining licenses located in Bagamoyo District in the Pwanai Region of Tanzania
- licenses are valid for a period of 7 years and extend over an area of approx. 180 hectares and are close to existing graphite mining and exploration activities
- 2 major mineralised graphite zones identified at Mihuga and Saadan South that extend at surface for 500m strike length and 50m
   to 150m in width and is seen to extend for a further +2km
- samples confirm average grade of 11.97% total graphite content at Mihuga including 19.71%, 19.33%, 15.65%,
   10.92% in medium to coarse graphite flakes





# KRUISRIVIER — COBALT PROJECT

- The company acquires 51% majority interest in Mansena Kruisrivier Cobalt Proprietary Limited ("MKC")
- Kruisrivier Cobalt is located 180 kilometres northeast of Johannesburg on a granted Prospecting Right
- Kruisrivier Cobalt, is a former producing cobalt mine that operated intermittently for over 55 years up to the 1930s
- Historical records confirm the presence of high-grade cobalt, gold, nickel, copper, chromium, zinc, lead, platinum and silver mineralisation as well production and sales of high-grade concentrates of cobalt ore of up to 16.67% cobalt and accompanied by exceptionally high-grade gold grades of up 68 grammes per tonne
- Current non-JORC compliant historical resources of 733,000t of ore grading 8% cobalt have also been reported down to a depth of 200 metres
- Visible high grade cobalt mineralisation identified at surface and in the shallow underground workings by MC and as part of the Company's detailed due diligence
- Exploration work on Kruisrivier Cobalt has been ongoing since 2022 and has determined a current non-JORC compliant historical resources of 733,000t of ore grading 8% cobalt down to a depth of 200m increasing to 1.5 million tonnes of ore grading 8% cobalt down to 500m



### KRUISRIVIER — COBALT PROJECT

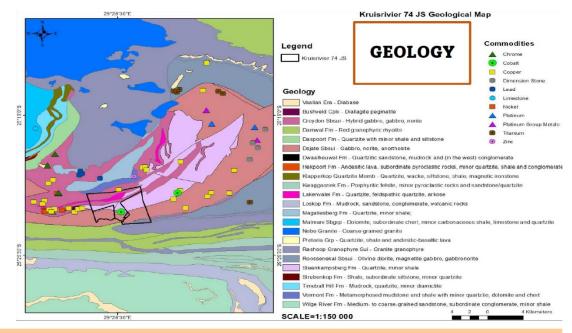
- The geology of Kruisrivier Cobalt and the adjoining area has been researched in detail in South Africa and includes a portion of a small norite protuberance on the eastern rim of the Bushveld Complex
- Several xenolithic bodies of Pretoria group quartzite and shale occur within this, with the largest and most southerly of these masses dipping at an angle of 50 to 60 degrees to the south and with the cobalt ore associated parallel to the quartzite bedding plane
- The historic underground mine infrastructure is now largely inaccessible, other than a decline dipping at approx. 45 degrees (Fig 1) and from which the Company was able to complete inspection of the visible underground high-grade cobalt mineralisation
- Numerous occurrences of cobalt mineralisation have been observed across the Kruisrivier Cobalt area and surrounding area (Fig 3)



Fig 3: Cobalt mineralisation below surface.



Fig 4: Samples of Low-Grade and High-Grade cobalt collected from the Mine





### KRUISRIVIER COBALT \_ MINE HISTORY

1879 1872 1873 1875 More than 100 Tonnes of Mine Closure Due to Local **Reopening of Kruisrivier Mr Percy Whitehead Cobalt Mine High-Grade Cobalt Shipped Discovered Cobalt** Wars Sample on his Farm to London 1930 1886 1929 1890 **Shipping of High Grade Cobalt** Mine Closure **Mine Closure** Mine Re-Opened and Ores to Europe 16.67% Cobalt Produced 1996 1998 1931 1940 1980 Sags Research Minerals Cited in **Venturing Down Incline Discovery of Two** Deposit at a Depth of 85 **Mineral Resources** Inconclusive Metres (50 Tonnes Shaft Species: Arsenolite & **South Africa Extracted**) Picropharmacolite 2024 2023 2022 2023 **Expecting Mining Right to Prospecting Right Was** Mining Right **Smanoc Enterprise** Amended to Include be Issued in 2024 and to Awarded Prospecting Application to Be Other Minerals i.e. Gold, **Commence with Mining** Right Lodged with DMRE Copper, Nickel, PGMs, Zinc, Arsenic etc

### KILIFI MANGANESE PROCESSING PLANT





#### **KILIFI**

#### MANGANESE PROCESSING PLANT

- Marula acquired an 80% interest in the Kilifi Plant
- Through shareholding in Agarwal Metals and Ores Limited, a Kenyan incorporated mineral processing company. AMO is the registered owner of the Kilifi Manganese Processing Plant (the "Kilifi Plant") located approximately 60 km from the Port of Mombasa in the Tezo Area, Kilifi County in Kenya.
- Construction of the Kilifi Plant was completed in February 2023 at a cost of approx. KES 220 million and it commenced processing third-party manganese ores later that quarter before operations were suspended in H2 2023 as a result of the then prevailing low manganese ore prices and inability to secure adequate third party feed.
- The Company is targeting run of mine ore feed to the Kilifi Plant of +20% manganese, that has been historically mined in the region, and which will be upgraded to +30% manganese after processing through the Kilifi Plant.





Front view of the property from the access road



Inside the property

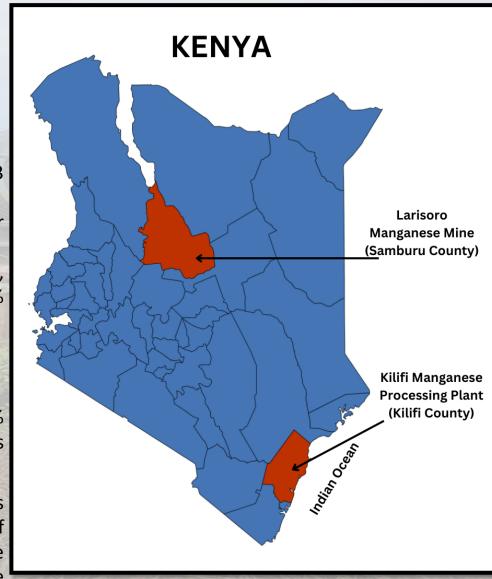
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### ORE SUPPLY AGREEMENTS SIGNED FOR KILIFI

- The company through its wholly owned subsidiary, Muchai Mining Kenya Limited ("MMK"), entered into a Manganese Ore Supply Agreement with Kenyan incorporated mining, mineral processing and logistics company, Kitmin Holdings Limited.
- The Ore Agreement is for an initial period of two years through to 31 December 2023 and may be extended by a further three years thereafter.
- Kitmin will be responsible for the supply and delivery of a minimum 10,000 tonnes per month of manganese ore at a minimum grade of 20% manganese, to the Kilifi Plant.
- The Company is targeting run of mine ore feed to the Kilifi Plant of +20% manganese, that has been historically mined in the region, and which will be upgraded to +30% manganese after processing through the Kilifi Plant.

#### Two New Manganese Ore Supply Agreements Signed for Kilifi Processing Plant

- Marula will receive 30,000 tonnes of manganese ore with a minimum grade of 24% manganese ("Mn") over an initial six-month period, and thereafter, further deliveries can be negotiated with a minimum additional quantity of 30,000t.
- Under the terms of the second Ore Agreements, Marula will receive monthly deliveries
  of 5,000t of manganese ore with a minimum grade of 24% Mn over an initial period of
  one year, and this may be extended for an additional two years thereafter at the
  Company's option. Mining, screening and transportation of the manganese ore will be
  undertaken by Marula and at the Company's cost.

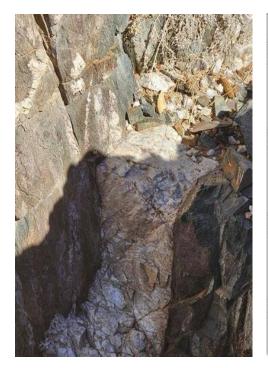


# Kaalbeen West Tungsten Deposit & Northern Cape Lithium and Tungsten(NCLT)



#### KAALBEEN WEST TUNGSTEN DEPOSIT

- The NCLT Project extends over 15,000 hectares and is located contiguous to and immediately north of the Company's existing Blesberg Mine.
- It comprises over 16 known tungsten deposits and former high-grade tungsten mining operations including the Kalbeen and Isis Tungsten Mines and the Koubank, Kaalbeen West and Armbank Tungsten Deposits, all of which are located within 5 km to 10km of Blesberg.
- Kaalbeen West deposits occur some 2.3 km NW of the main Kaalbeen underground tungsten mine
- Structurally it is similar to Kaalbeen being the westerly extension of the same shear zone



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**Fig 1:** Ore vein of 0.6m width in main excavation

**Fig 2:** Known Tungsten deposits on NCLT acreage

- The area contains several sets of tungsten bearing veins spaced over a one km² area.
  Five of these have been partly mined in the past, probably during the 1960's
- Veins are typically 0.5 0.6 metres wide and near vertical orientation. Strike directions vary considerably according to location
- Compositionally they contain quartz-feldspar scheelite veins where scheelite can grade 1-3% WO3, or higher in places



### KEY NCLT MINES AND PROJECTS

#### 1. Kaalbeen Tungsten Mine

- A historically significant tungsten producer in the Northern Cape and 12km from Blesberg
- Contains scheelite tungsten mineralisation grading 2-3% WO<sub>3</sub>
- Historic production achieved 10 tpa to 12 tpa of tungsten concentrate of grades of 74%
- Potential to develop untapped veins extending beyond historical workings

#### 2. Isis Tungsten Mine

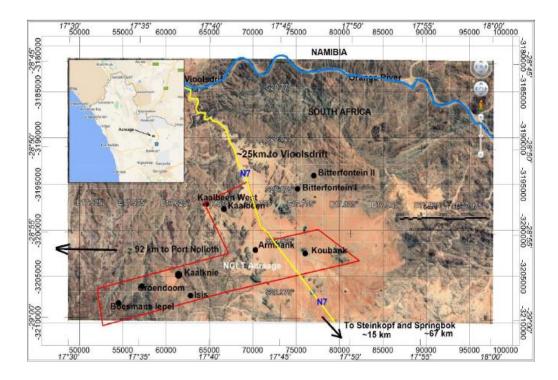
- Located 10km west of Blesberg; mined previously with reported grades of 2.46% WO<sub>3</sub>
- Potential for shallow open-pit mining and tailings retreatment
- Mineralisation extends across a 3km zone with associated tantalitebearing pegmatites

#### 3. Koubank Tungsten Deposit

- Situated 6km from Blesberg, hosting low-grade but extensive surface tungsten mineralisation
- Includes several satellite deposits such as Koubank III, with scheelite and molybdenite occurrences
- Potentially open-ended at depth with trenching and exploratory data supporting sizeable tonnage

#### 4. Kaalbeen West Tungsten Deposit

- An unmined deposit 2.3km northwest of Kaalbeen Mine
- Hosts tungsten-bearing veins up to 7m thick over a 1km<sup>2</sup> area, suggesting a potentially significant tonnage of mineralisation



Known Tungsten deposits on NCLT acreage

#### KAALBEEN WEST TUNGSTEN DEPOSIT

- Note the thin, associated veinlets in the sidewalls – often scheelite bearing can be see in in Fig 3. These veins are open and available immediately for mining
- At the foot of the valley leading to the main excavation are a further three parallel veins which are mineralogically similar to the main vein, but the proportions of the minerals are different in that feldspar is more common
- The form of the quartz is finer grained tending towards an opaline amorphous state
- In this vicinity, the veins are less regular and have more of a pinch-and-swell structure.
   Exposures are incomplete with the vein merging into the sidewall at places
- At the top of the hill the veins appear to merge and form a wider (4 5m) zone of interlayered quartz veins and host rock
- Mining developments through to production are anticipated in 2025.

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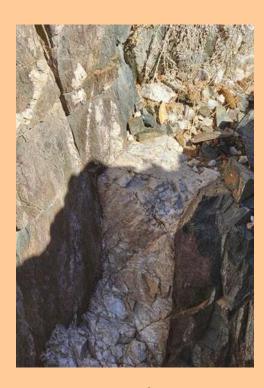
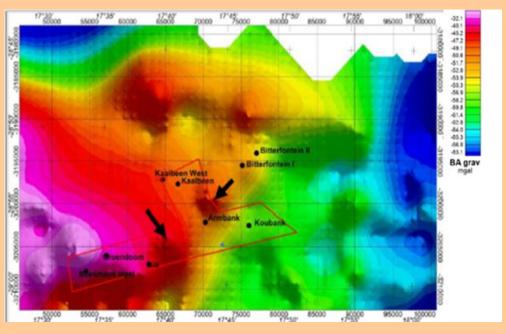


Fig 3: Top end of the main vein. The main vein is highly consistent along strike



**Fig 4:** CGS Bouguer Gravity Map showing much denser rocks below the surface



### SUMMARY VALUE ADDING

- clear and well-defined strategy to establish Marula Mining as one of the leading battery metals mining and new mine development companies in Africa
- multiple producing and advanced high-value projects
- extensive operating experience and expertise in Southern, Central and East Africa
- well supported through strategic funding and broader mining, processing and commodity marketing partnership with Q Global Commodities
- committed to developing projects with high ESG standards for the metals for the future
- exposure to key battery and critical metals and their robust markets and strengthening markets
- positioned to now deliver significant near-term cash flow
- aiming to generate positive returns to shareholders from both major share price appreciation and committed dividend policy

