



INVESTOR PRESENTATION

Building a portfolio of
critical minerals assets

Botswana – Brazil

JULY 2023



COMPANY OVERVIEW

Strong leadership by a team with over 50 years combined experience in mining/resource project generation and discovery

CAPITAL STRUCTURE (post rights)

ASX Code	SI6
Shares on Issue (billion)	1.99
Share Price # July 2023	0.07c
Market Capitalisation	\$13.95M
Cash On Hand @ post raise	\$3.2M
Debt	Nil
Enterprise Value	~\$10.75M

BOARD OF DIRECTORS

Non-Executive Chairman	David Sanders
Executive Director	Jim Malone
Non-Executive Director	Joshua Letcher

2023/2024 CATALYSTS

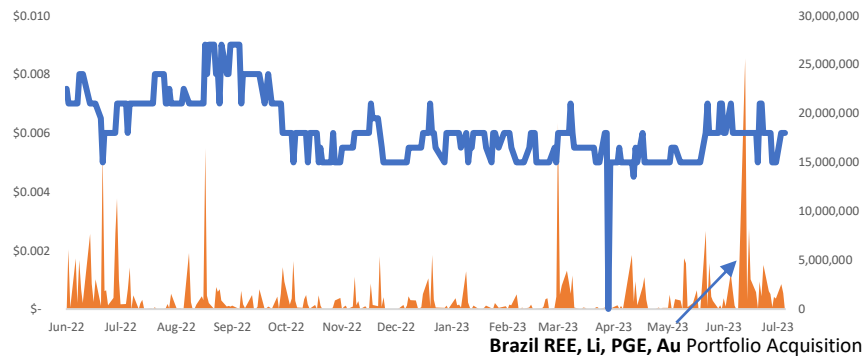
Botswana

- Targeted Botswana drill programs to advance major discoveries (TBC)
 - 4,000 meters at Airstrip Cu-Ag
 - 4,000 meters at Dibete Cu-Ag
 - 2,000 Infill drilling at Maibele North Ni-Cu-Co to revise Resource from Inferred to Indicated
- Re-estimate Maibele North Resource for \$5M in additional drill holes not previously included in Resource definition

Brazil (subject to shareholder approval of acquisition)

- Lithium Valley Geochem program over priority Lithium and REE areas
- REE Geochem program over Caldera project area neighbouring ASX:MEI's Tier 1 ionic adsorption clay MRE 409Mt @2,626ppm TREO (refer ASX:MEI 1/5/2023)

SHAREPRICE PERFORMANCE



INVESTMENT PROPOSITION

SI6 strategically targeting critical minerals

RIGHT ASSETS

CRITICAL METALS/MINERALS

Ni-Cu-Co-PGE

- 3 “Company Maker” Botswana Projects
- **Maibele North:** Maiden Inferred Ni-Cu-PGE Resource 2.38Mt - \$5M spend in ground not included in Resource calculation
- BCL’s Selebi Mine takeover and restart plans by Premium Nickel (TSXV.PRN)
- **Dibete:** high grade Cu-Ag mineralisation identified by past drilling (10m @ 4.5% Cu, 229.9g/t Ag at surface)
- **Airstrip:** High grade Cu-Ag from past drilling (8m @ 10.39% Cu, 630g/t Ag at surface)

REE & Lithium

- Completion of acquisition of interest in the Lithium Valley, Brazil – host to **the largest lithium resources in Brazil**
- ~8,700 hectares of Li exploration ground amongst lithium producer SIGMA’s (NASDAQ:SGML) lithium spodumene mine and Latin Resources’ (ASX:LRS) Colinas lithium spodumene Resource
- Lithium ground sits over the “Eastern Brazilian Pegmatite Belt”, known for spodumene-hosting pegmatites
- **Caldera REE Project in Minas Gerais** adjacent to Meteoric Resources’ (ASX:MEI) Ionic Adsorption Caldeira REE Resource
- Additional REE areas in Lithium Valley on G5 supersuite granites, known to typically host lithium and rare earths in pegmatites

INVESTMENT PROPOSITION

SI6 market capitalisation of \$13.9M (post raise) with significant upside value

RIGHT PLACES

TIER-1 PRO-MINING JURISDICTIONS

BOTSWANA

- The “Switzerland of Africa”
- Pro-mining jurisdiction – *no Government ownership of mining projects*
- Mining laws reflect Australian mining system
- One of the top African countries for investment¹
- Lowest perceived corruption ranking in Africa²
- Became independent within the Commonwealth in 1966 – Africa’s oldest continuous democracy

BRAZIL

- One of the biggest global players mining sector
- Well-developed mining jurisdiction with stable regulatory regime
- World class Lithium, REE, Gold and other mines developed in Brazil and supported by the Mining Department
- Pro-mining, efficient permitting/licensing process and *no government ownership of mining projects*

FULLY FUNDED

\$3.2M CASH ON HAND

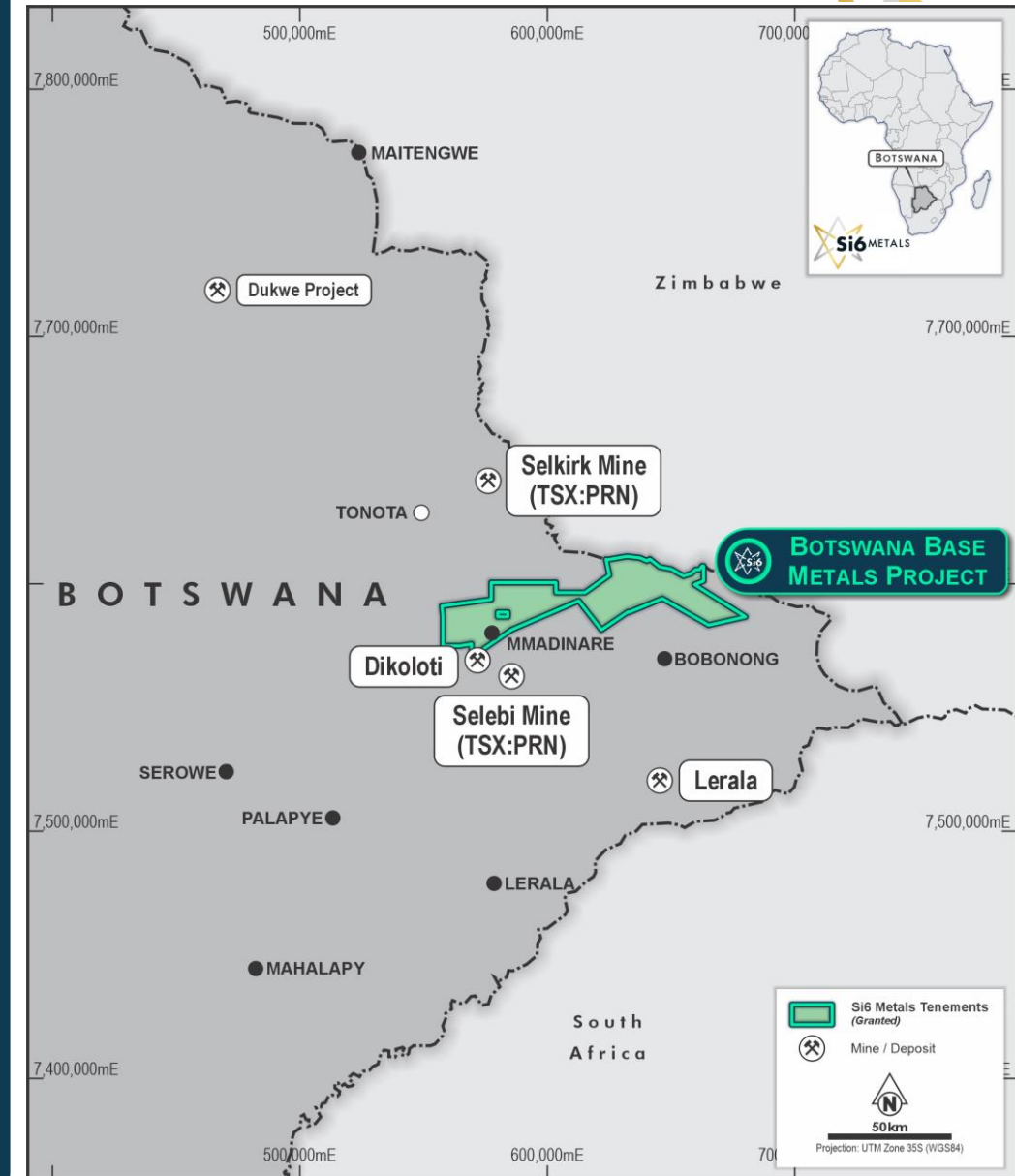
- Rights issue and oversubscribed shortfall placement complete raising \$2.9M
- Funding to fully focus on advancing projects and developing resources
- Circa 10,000 meters aggressive drill campaign at Dibete, Airstrip and Maibele over known anomalous targets (Commencing Q4 2023)
- Improved Maibele Resource definition to include additional Cobalt mineralisation (**ASX 5 June 2017**)
- REE Geochem program at Caldera Project, Brazil*
- Lithium Geochem program at “Lithium Valley”, Brazil*

BOTSWANA – UNTAPPED POTENTIAL

Underexplored | >16km trend of potential mineralisation

- 3 Flagship Projects:
 - Airstrip
 - Dibete
 - Maibele North – 2.38Mt Resource
- *At-surface, mineable discoveries <1km depth, (Selebi mine depth >1.5km)*
- Within 50km of Selebi Mine, recently acquired by Premium Nickel (TSX.PRN) with plans to revitalise assets
- Potentially more than one processing option
- Established Ni-Cu-PGE Inferred Resource 2.39Mt, with additional drilling (~\$5M spent in the ground) yet to be factored into Resource Estimate + 2023 infill drill program. **Resource upgrade planned**
- Additional drill-ready targets ready to progress at all three projects

Si6 is fully funded (\$3.2M) and plans to aggressively drill ~ 10,000 metres program across 3 flagship projects commencing Q4 2023



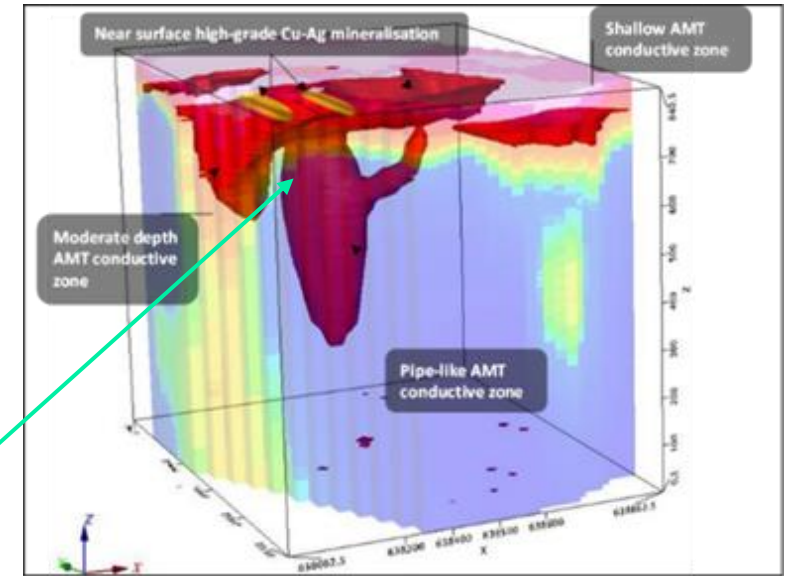
DIBETE – PRIMARY & SUPERGENE Cu-Ag TARGETS

At-surface (<50M), exceptional drill hits

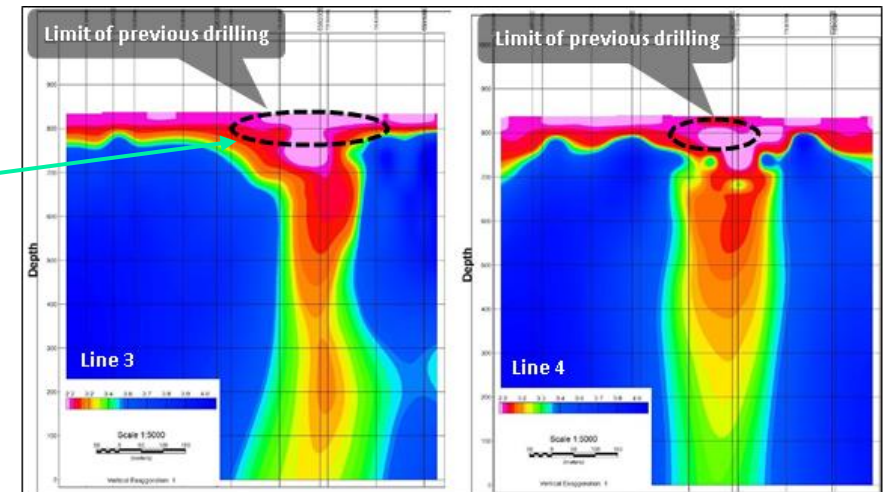
- AMT Survey identified multiple high-quality targets both beneath and along strike from mineralisation previously drilled at surface.
 - 38m @ 1.72% Cu, 119.5g/t Ag from 16m (DBRC014)¹
 - 17m @ 2.7% Cu, 40.5g/t Ag from 16m (DBRC081)¹
 - **11m @ 4.5% Cu, 229.9g/t Ag from 33m (DBRC028)¹**
 - **10m @ 3.9% Cu, 110g/t Ag from 43m (DBRC108)¹**
 - 25m @ 2.17% Cu, 77g/t Ag, from 27m (DBRC124)²
 - 13m @ 2.11% Cu, 37.8g/t Ag from 37m (DBRC129)³
 - 13m @ 1.9% Cu, 61.9g/t Ag from 41m (DBRC130)³
 - **6m @ 4.46% Cu, 162 g/t Ag from 38m (DBRC131)³**
 - 10m @ 2.04% Cu, 15.6g/t Ag from 7m (DBRC133)³

“We’ve barely scratched the surface”

Right: Looking southwest, showing the strong AMT response at depth beneath the areas of high grade, near surface Cu-Ag mineralisation. The lines are parallel and 100m apart.



Above: Three-dimensional image, looking NE, of the AMT conductive zone from data collected on lines 3 – 7. Note the “pipe-like” geometry of the model is immediately beneath the areas of near surface Cu-Ag mineralisation.



Above: AMT Lines 3 and 4, looking southwest, showing the strong AMT response at depth beneath the areas of high grade, near surface Cu-Ag mineralisation

¹ASX Release 16 April 2012 “Dibete drilling confirms additional High Grade Copper-Silver of up to 15.5% Copper and 1220 g/t Silver (or over 30 ounces/t Ag) from 30m”. **NOTE:**Drilling results in this ASX release were disclosed under the JORC 2004 Code and have not been updated to comply with the JORC 2012 Code on the basis that there is no material change in this information since it was last reported.
²ASX release 16 November 2017 “Thick High-Grade Copper and Silver – Initial Holes at Dibete”
³ASX Release 18 December 2017 “Drill Results from Dibete Prospect in Botswana”

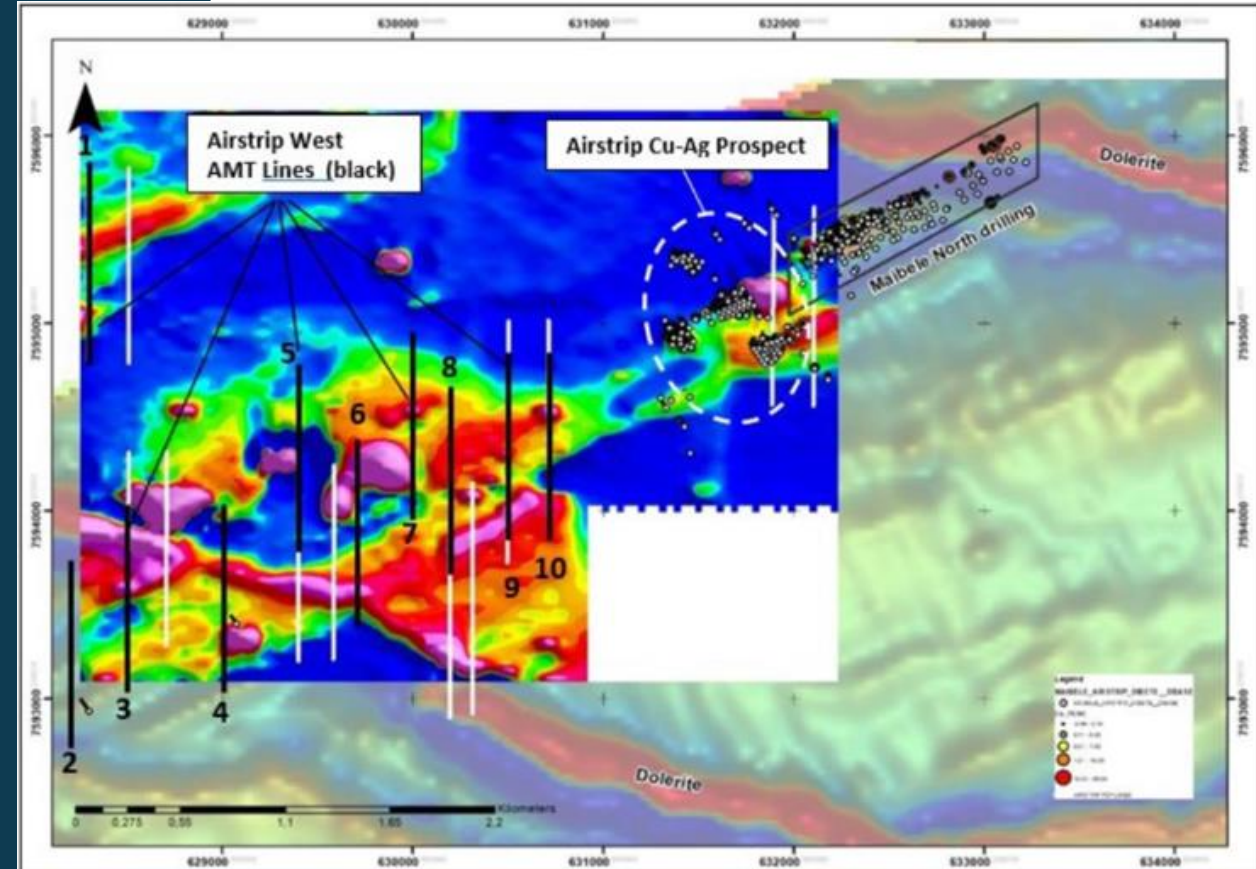
AIRSTRIP

Induced Polarisation

- 2.5km long IP Gradient Array anomaly confirmed by Pole Dipole IP
- Numerous additional IP targets generated
- Strong potential for deep-seated mineralisation and new discoveries

Airstrip historical drilling results include¹:

- 6m at 2.7% Cu, 72g/t Ag from 68m (ACDC067)
- 11m at 7.63% Cu, 462g/t Ag from 52m incl: (ACRC003)
 - 7m @ 11.81% Cu, 717g/t Ag
 - 3m @ 22.74% Cu, 1,379g/t Ag
- 0.9m @ 20.53% Cu, 377g/t Ag from 55m incl: (ACRD032)
 - 0.35m @ 57.59% Cu, 1,054g/t Ag
- 0.6M @ 25.27% Cu, 1,238g/t Ag incl: (ACRD033)
 - 0.24m @ 49.06% Cu, 2,483g/t Ag
 - 8m @ 1.71% Cu, 51.1g/t Ag from 159m (ACRD018)
- 18m at 1.72% Cu, 27.5g/t Ag from 42m (ACRC122)



¹ refer S16 (formerly Botswana Metals Limited) 2012 Annual Report. Above Airstrip historical drilling results were disclosed under the JORC 2004 Code and have not been updated to comply with the JORC 2012 Code on the basis that there is no material change in this information since it was last reported.

MAIBELE NORTH

Ni-Cu-PGE Primary Mineralisation, 1.4km continuous strike

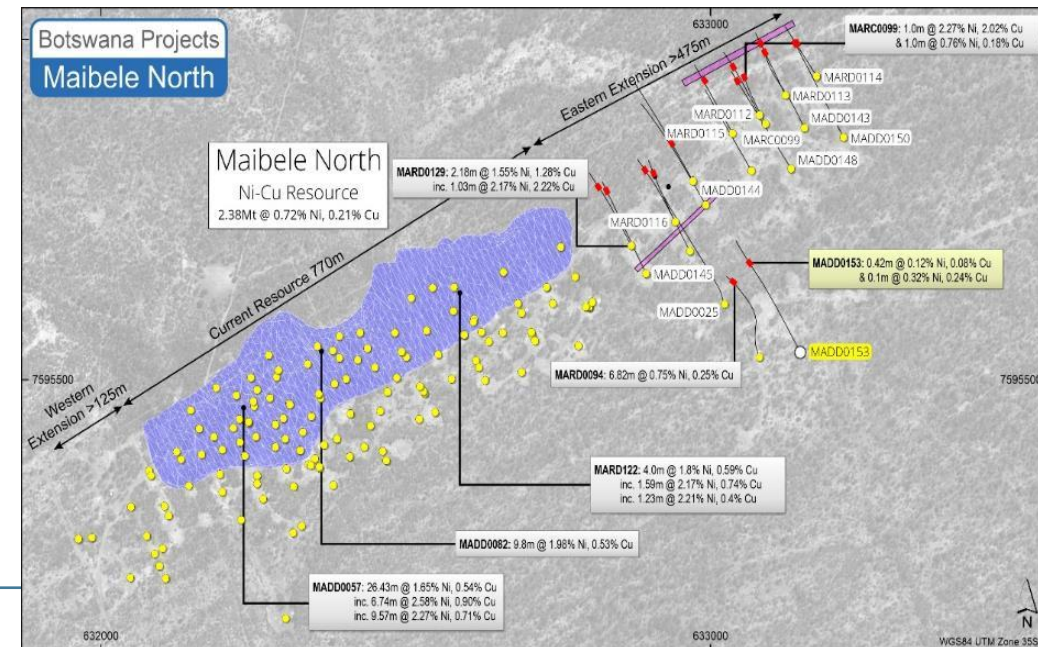
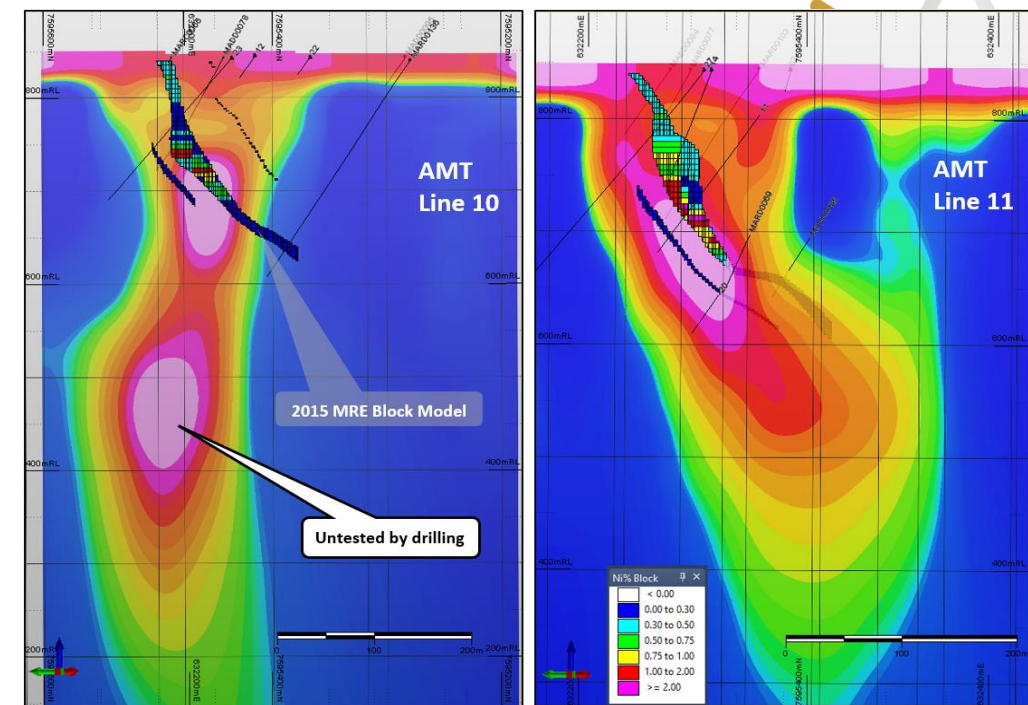
Maiden JORC Inferred Resource

Tonnes (Mt)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Rh (g/t)	Ru (g/t)	Au (g/t)
2.38	0.72	0.21	0.08	0.36	0.04	0.05	0.10

- Covers only 800m out of 1.4km - open along strike and at depth
- BCL (JV Partner) spent additional \$5M drilling at Maibele North (not included in Resource Estimation)
- Plan to **upgrade Resource** with prior drilling and 2023 infill drill program over known mineralised targets

Open Pit Mine

- BCL undertook a study to open pit mine Maibele North to feed the Selebi smelter (50km from MRE)
- BCL's Selebi and Selkirk mines and assets were acquired by Premium Nickel Resources Ltd (TSX-V:PRNL) with plans to re-develop these assets
- 26.6Mt @ 0.58% Ni and 1.03% Cu** was mined from Selebi (1980 to 2016)
- AMT Survey has identified numerous untested sulphide targets below and along strike of the current resource



BRAZIL BATTERY METALS PORTFOLIO ACQUISITION

JV for acquisition of 50% battery metals portfolio with Foxfire Metals Pty Ltd (subject to shareholder approval) covering **17,800 hectares**

- Rare Earth Elements
- Lithium
- Gold
- PGE's
- Base and Precious Metals

In-country experienced management and geological team that has been in Brazil for over 10 years

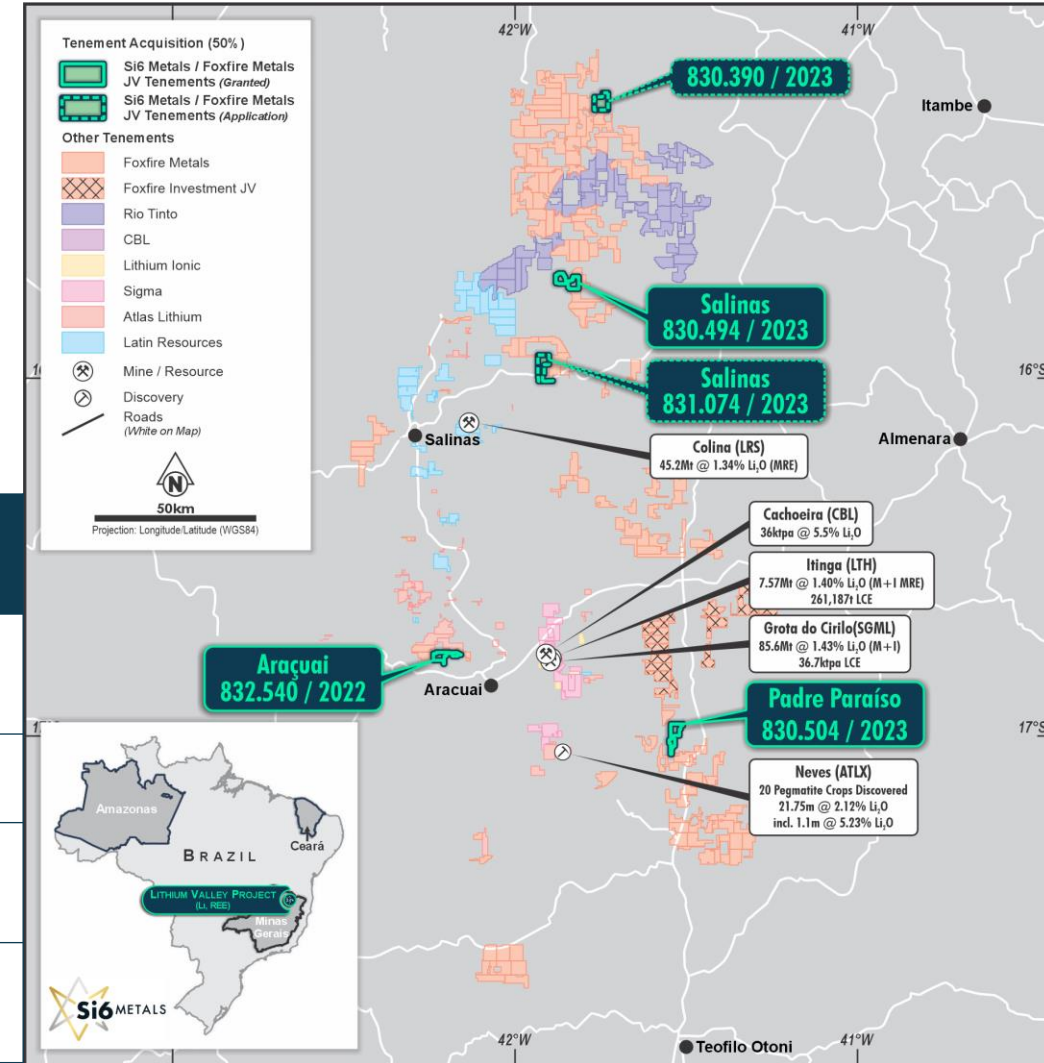


LITHIUM VALLEY

- Located within the **Eastern Brazilian Pegmatite Province**, globally recognised as the “Lithium Valley” - one of the largest lithium spodumene districts
- Multiple key project areas in the Lithium Valley in strategic locations
- Licences over granites associated with lithium-bearing pegmatites, consistent with multiple major high grade lithium discoveries in the area, including two producing LCT mines (Sigma 36.7ktpa LCE, CBL 36ktpa @ 5.5% Li₂O)

KEY PLAYERS IN THE LITHIUM VALLEY

Company	Market Capitalisation (at 18 July 2023)	Discovery	Li Valley Landholding
Sigma Lithium Corp. (NASDAQ:SGML)	~A\$6.4 billion	85.6 Mt @ 1.43% Li ₂ O (Measured and Indicated Resource) 36.7ktpa LCE phase 1 production ¹	~200km ²
Latin Resources Limited (ASX:LRS)	~A\$1.05 billion	45.2Mt @ 1.34% Li ₂ O (Mineral Resource Estimate) ²	~380km ²
Atlas Lithium Corp. (NASDAQ:ATLX)	~A\$314 million	20 pegmatite crops discovered. Drill hole 21.75m at an average grade of 2.12% Li ₂ O, including 1.1m @ 5.23% Li ₂ O ³	~238km ²
Lithium Ionic Corp. (TSXV:LTH)	~A\$238 million	7.57Mt @ 1.40 Li ₂ O (NI 43-101 Measured + Indicated Mineral Resource Estimate)	~142km ²
Si6 Metals Ltd (ASX:SI6) (50% JV)	~A\$13 million (post raise)	N/A, plans for accelerated work program, subject to shareholder approval of acquisition	~87km ²



¹ Sigma Lithium Corp. public release: <https://site.sigmalithiumresources.com/grota-do-cirilo/>

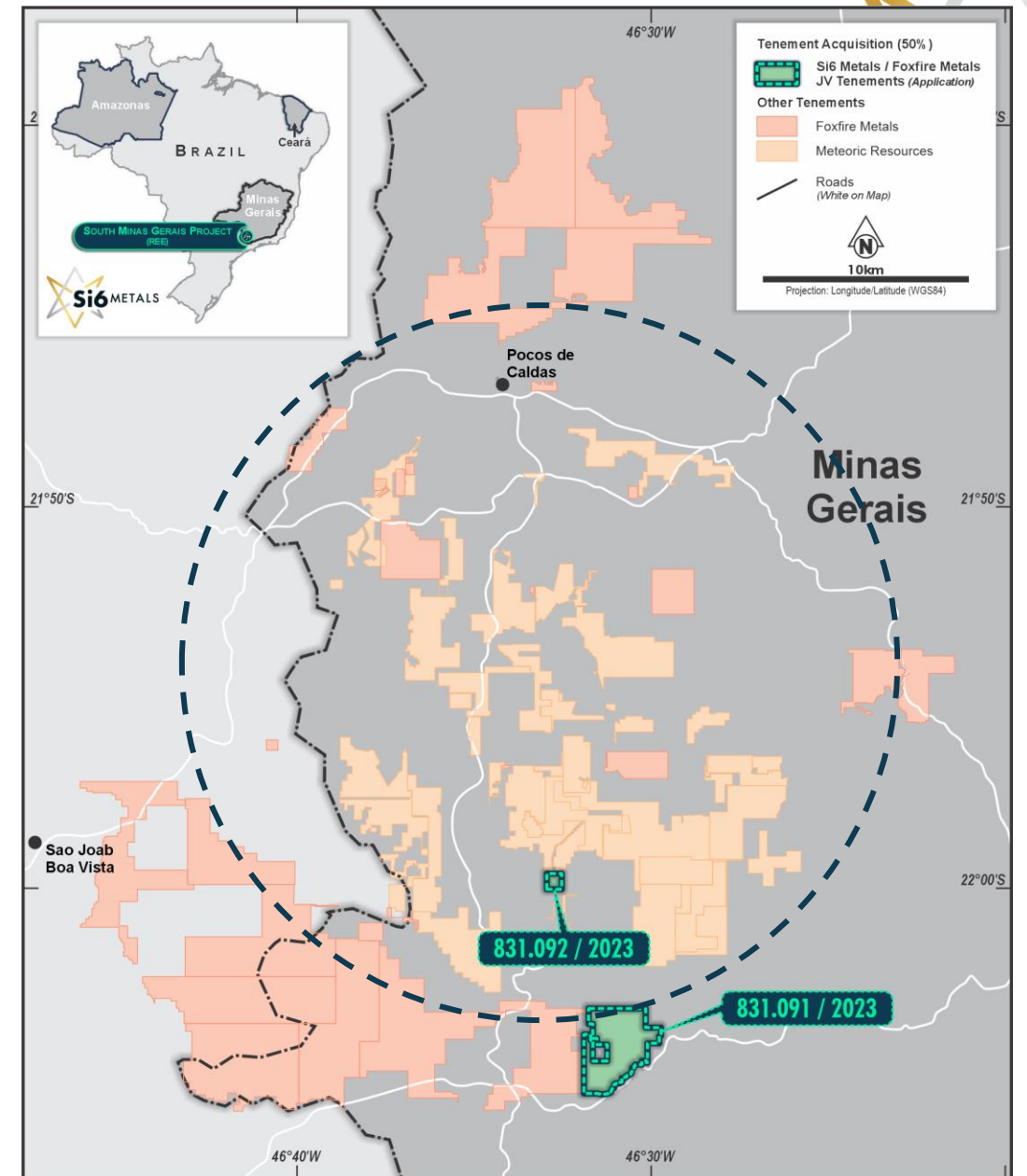
² Latin Resources ASX Release 20 June 2023 “240% increase for the Colina Mineral Resource”

³ Atlas Lithium NASDAQ market release 13 July 2023 “Atlas Lithium Hits a Record Milestone With High Grade 5.23% Lithium Oxide Intersect at Only Nine Meters Depth in its Lithium Project.”

Lithium Ionic TSX market release 27 June 2023 “Lithium Ionic Announces Maiden Mineral Resource Estimate at its Itinga Project in Minas Gerais, Brazil; Drilling Program Expanded with 13 Rigs Operating; PEA Underway”

CALDERA REE PROJECT – MINAS GERAIS

- 1,085Ha exploration package strategically acquired
- Located within and along the contact point of the Poços De Caldas Alkaline Complex, host to ASX:MEI's 409Mt @ 2,626ppm TREO Mineral Resource Estimate¹
- Alkaline Complex is a known **Carbonatite Intrusive** associated with ionic adsorption clay at surface
- Ionic adsorption clay REEs are simple to mine at surface with relatively low OPEX and CAPEX
- Project JV area located in and around the edge of the Caldera Intrusive, targeting REE mineralisation at the **structural contact of the intrusive which could channel REE-rich fluids**



¹refer ASX:MEI ASX Release 1 May 2023 "Caldeira Project Maiden Mineral Resource "

KEY MILESTONES – 12 MONTHS OF EXCITING NEWSFLOW



SI6 is positioned with several key **short term catalysts**

MILESTONE	2023						2024	
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
Due Diligence on Brazil Li/REE Portfolio	Acquisition to Proceed*							
Secure funding for flagship Botswana projects	\$3M raised							
Airstrip Drill Program			4,000 Meter RC Drill					
Dibete Drill Program			4,000 Meter RC Drill					
Maibele North Drill Program			2,000 infill drill holes, update to include \$5M of previous drilling (# meters) not included in MRE					
Maibele North Resource upgrade						Upgrade to JORC 2012 Indicated Resource		
Airstrip Resource Development								
Dibete Resource Development								
Resource Growth								
Lithium Valley Lithium targets Geochem**					Ongoing			
Lithium Valley REE targets drilling **					Ongoing			
South Minas Gerais REE Geochem**					Ongoing			

Key Already started Complete Planned

*Brazil portfolio acquisition to proceed subject to shareholder approval at a general meeting

** Brazil exploration programs to commence following shareholder approval of acquisition

A COMPELLING INVESTMENT PROPOSITION

5 Reasons to consider Si6 Metals:

1. Right Assets - Supply Critical Metals/Minerals (Cu, Ni, Co, Li, REE, PGM)
2. Right locations - Botswana and Brazil (Lithium Valley, Minas Gerais) surrounded by outperforming listed and unlisted companies
3. Aggressive, funded exploration program including 10,000 metres of drilling to commence in Q4 2023:
 - Six months of activity planned
 - Probable resource upgrade at Maibele North
4. Highly experienced, in-country technical teams in both Botswana and Brazil
5. Market capitalisation of \$13.9 million & EV ~ \$10.7 million (post raising);

REFERENCES



Maibele Base Metals Project, Botswana, Resource Information

An initial JORC-compliant (2012) Inferred Resource was calculated at Maibele North by MSA South Africa in 2015 (see Table 1) using a 0.30% Nickel cut-off grade. See the ASX announcement on 28 April 2015 “Maiden Inferred Resource for Maibele North” for further information.

Maibele North Resource							
Tonnes (Mt)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Rh (g/t)	Ru (g/t)	Au (g/t)
2.38	0.72	0.21	0.08	0.36	0.04	0.05	0.10

Table 1: Inferred Resource calculated by MSA South Africa in 2015 to JORC 2012 compliance

Monument Gold Project, Western Australia, Resource Information

An initial JORC-compliant (2012) Inferred Resource was calculated at Korong by Mining Plus in 2018 (see Table 2) using a 0.5g/t cut-off grade for Korong and 2g/t cut-off grade for Korong Underground. See the ASX announcement on 25 August 2020 “Si6 Secures Exclusive Option to Acquire Western Australian Gold Project” for further information.

Korong Resource			
Deposit	Tonnes	Grade (g/t)	Au Ounces
Korong	650,000	1.6	33,000
Korong UG	205,000	2.5	17,000
Total Resource	855,000	1.8	50,000

Table 2: Inferred Resource calculated by Mining Plus in 2018 to JORC 2012 compliance

DISCLAIMER



Forward-Looking Statements

Some statements in this presentation regarding estimates or future events are forward looking statements. They involve risk and uncertainties that could cause actual results to differ from estimated results. Forward-looking statements include estimates of future production, reserve and mineralised material estimates, capital costs, and other estimates or prediction of future activities. They include statements preceded by words such as "believe", "estimate", "expect", "intend", "will" and similar expressions. Actual results could differ materially depending on such things as political events, labour relations, currency fluctuations and other general economic conditions, market prices for the company's products, timing of permits and other government approvals and requirements, change in operating conditions, lower than expected ore grades, unexpected ground and mining conditions, availability and cost of materials and equipment, and risks generally inherent in the ownership and operation of mining properties and investment in foreign countries.

ASX Listing Rule 5.23.2

The Company confirms that it is not aware of any new information or data that materially affects the information included in this announcement. No exploration data or results are included in this document that have not previously been released publicly. The source of all data or results have been referenced.

Competent Person Statements

The information in this report that relates to Exploration Targets and Exploration Results is based on historical exploration information compiled by Mr Paul Woolrich, who is a Competent Person and a Member of the Australian Institute of Mining and Metallurgy. Mr Woolrich is a consultant to Si6 Metals Limited. Mr Woolrich 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 the reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Woolrich 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 this announcement that relates to the Estimation and Reporting of Mineral Resources has been reviewed by Mr Paul Woolrich, who is a Competent Person and a Member of the Australian Institute of Mining and Metallurgy. Mr Woolrich is a consultant to Si6 Metals Limited. Mr Woolrich 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 the reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Woolrich consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



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