

Investor Presentation

AGM Dec 2023

GLOBAL METALS EXPLORER

www.orosur.ca | TSXV:OMI / AIM:OMI

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Qualified Person's Statement

The information in this news release was compiled, reviewed and verified by Mr. Brad George, BSc hons (Geology and Geophysics), MBA, Member of the Australian Institute of Geoscientists (MAIG), CEO of Orosur Mining Ltd and a qualified person as defined by National Instrument 43-101.

For further details regarding any of Orosur's projects, please refer to the technical reports available under Orosur company profile, or on SEDAR at www.sedar.com

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Corporate Snapshot



12 Month Share Performance



Capital Structure and Key Metrics (18th Dec 2023)

Basic Shares Outstanding	188,560,300
Options	11,324,999
Warrants	nil
Fully Diluted Shares Outstanding	199,885,299
Market Cap 18th Dec 2023	c£7m
Cash on Hand	cUS\$2.0m

Directors and Management

Name	Position
Louis Castro	Director and Executive Chairman
Brad George	Director and CEO
Thomas Masney	Non-Executive Director
Nick Von Schirnding	Non- Executive Director
Joaquín L. Sarroca	Corporate Counsel, Company Secretary
Omar Gonzalez	CFO
Jerónimo Jáñez	Principal Geologist
Ernesto Slavutsky	Principal Geologist
Liliana Muñoz	Colombia Country Manager

Investment Case

Low cost entry to quality projects in key metals.

- **Advanced to early stage**
- **Gold and battery metals**
- **Anzá gold project in Colombia. JV with Newmont and Agnico?**
- **Early stage El Pantano gold project in Argentina.**
- **Ariquemes tin/niobium/REE project in Brazil. Largest land holder in region.**
- **Lithium West exploration project in Nigeria**



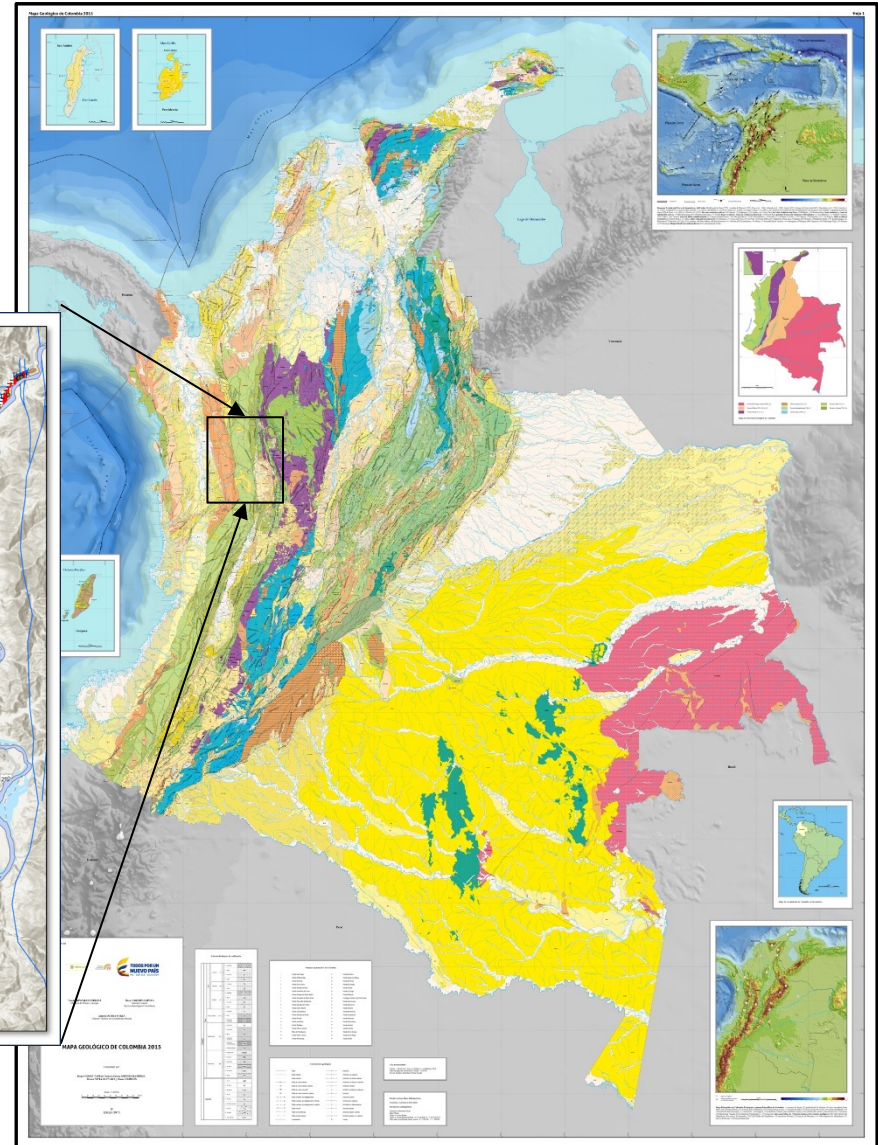
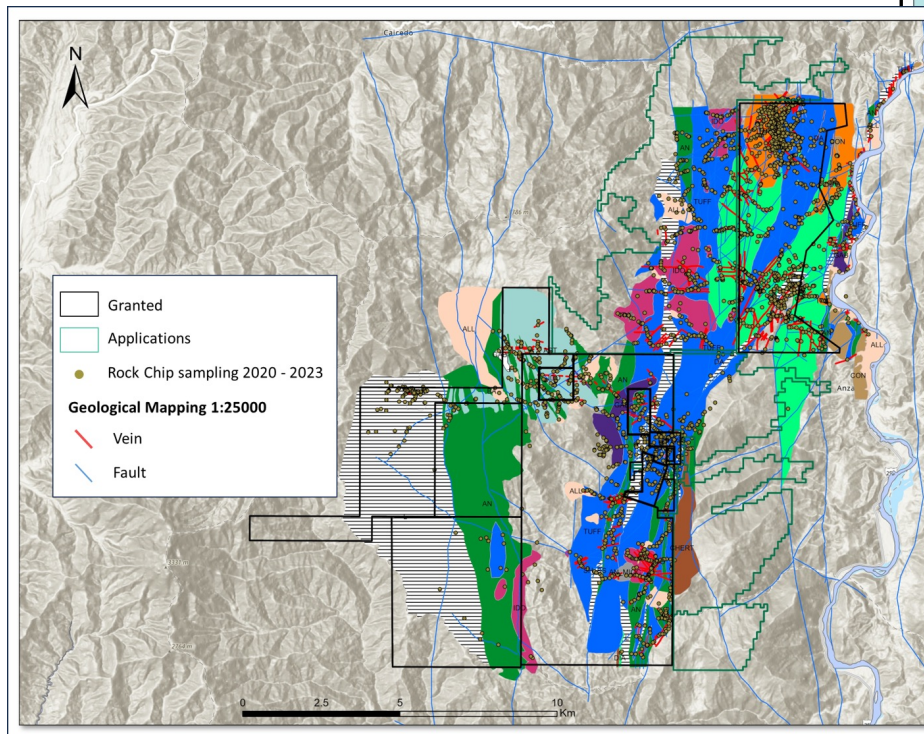
Every project has options

Anzá Project



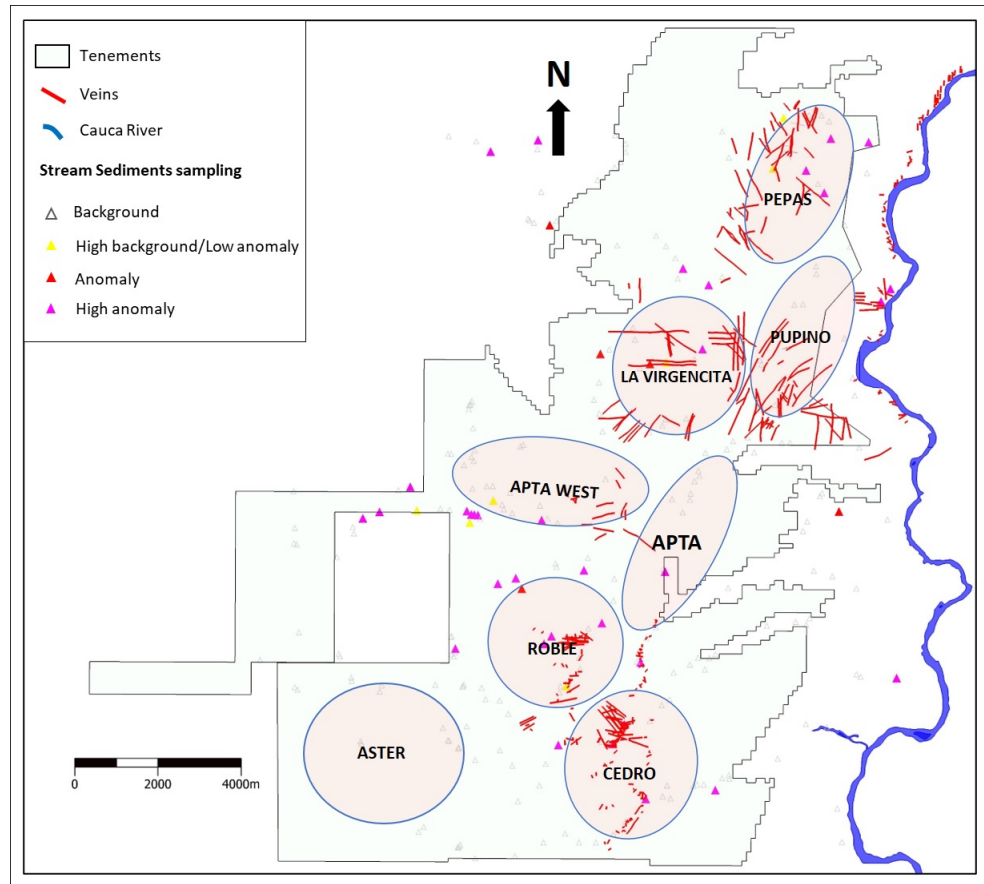
Anzá – late Miocene mid-Cauca belt

- **Primary gold belt in Colombia.**
- **Host to multiple giant gold deposits.**
- **Most sit within a narrow N-S structural corridor.**
- **All porphyry-epithermal systems**



Mineralized trend

- **20km strike of Aragon fault**
- **OMI started in 2015, but little work.**
- **Newmont/Agnico took over in 2018.**
- **Over 36,000m drilled, mostly at APTA**
- **Mapping shows major porphyry system**
- **Drilling at Pepas began mid 2022 – spectacular results in early holes.**
- **Southern regions not yet drilled**



Anzà – where to next?

Option 1 - Maintain status quo. Continue with restructuring and recommence work once complete.

Option 2 – MMA sells its 51% stake to another company

Option 3- MMA elects not to proceed to Phase 2. Orosur moves to 51% and dilutes MMA over time.

Option 4 – Orosur takes back 100% control.



Orosur pushing for Option 4!

Other Projects

Three other projects -same selection criteria:

- Earlier stage, grass roots
- Gold or battery metals
- Large land holdings
- Endowed region
- Clear signs of mineralisation or mineralising processes
- Low entry cost
- Low cost for early years
- Ability to advance quickly and cheaply
- Optionality



Brazil - Ariquemes

The Opportunity

- **Earn 70% over 5 years**
- **Huge land holding**
- **Untouched**
- **Downstream infrastructure means low size hurdle**
- **Optionality**

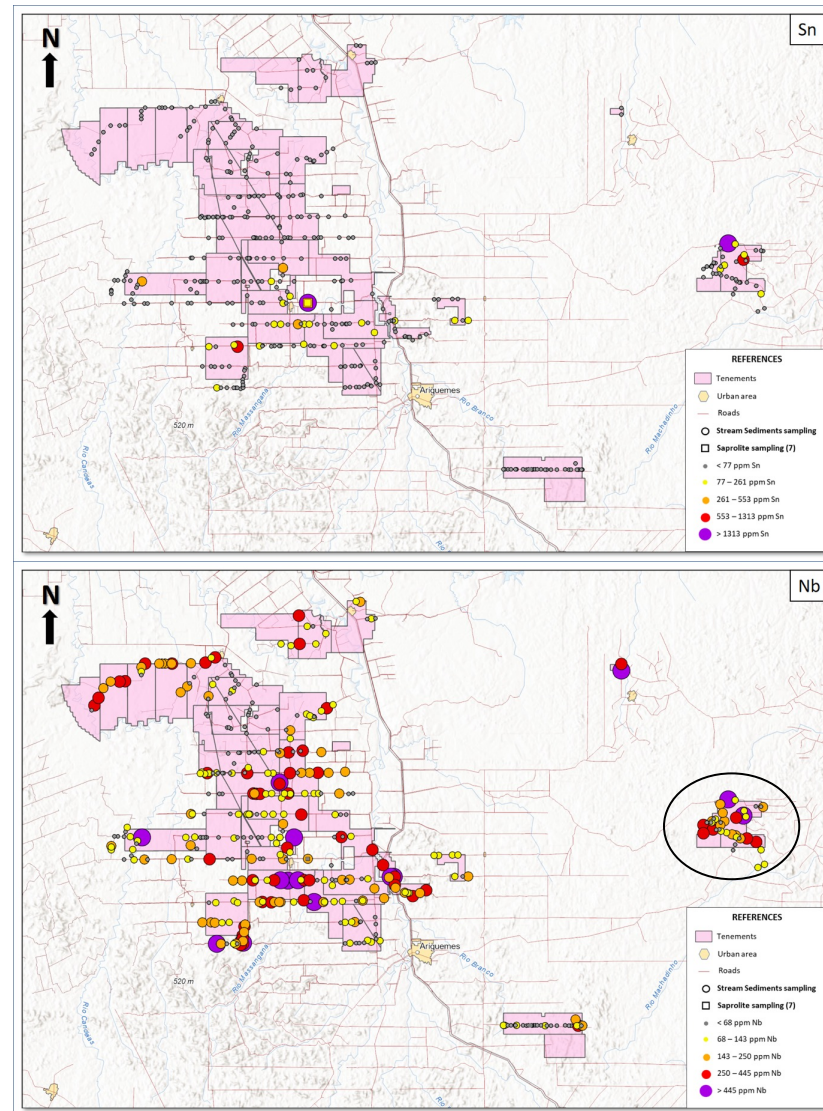
The Challenge

- **No modern exploration ever undertaken**
- **Need to start from scratch**



Ariquemes – Regional Sampling

- **Completed regional stream sampling**
- **Widespread anomalism identified.**
- **Provide vectors for followup.**
- **Assessing both Tin and Niobium**
- **Some local sampling undertaken – issues with sampling results being finalized.**



Argentina – El Pantano

Opportunity

- **Large land holding in key region (600km²)**
- **Evidence of massive epithermal system.**
- **Ability to earn 100%**
- **Data sharing with majors.**
- **Optionality**

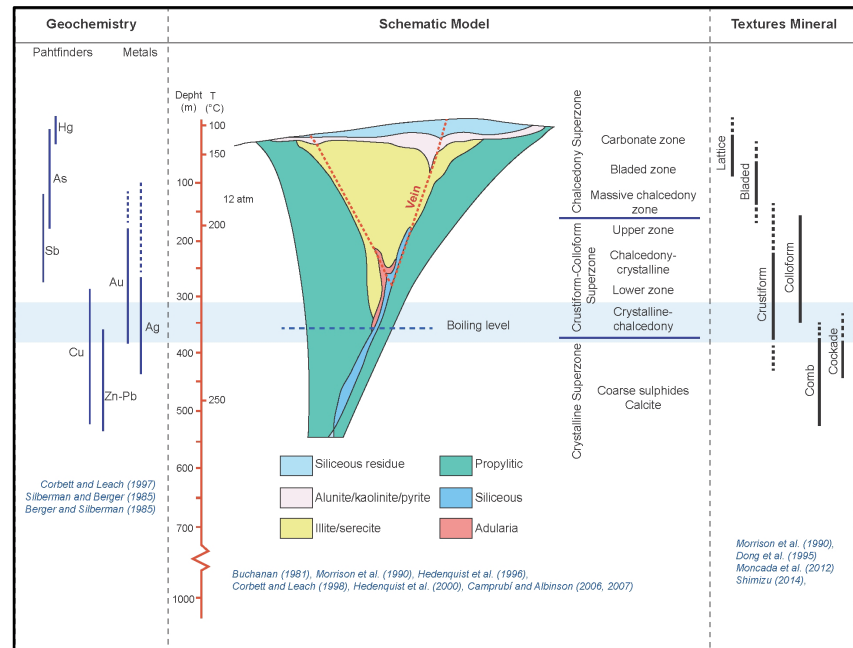
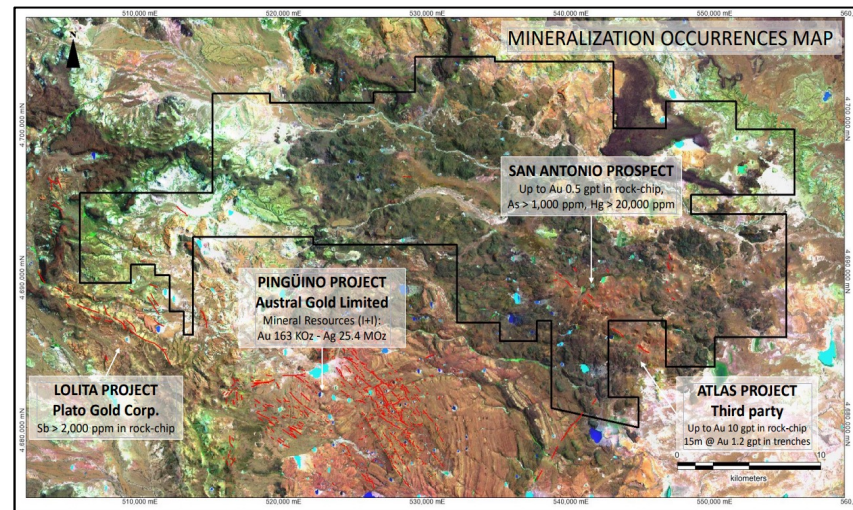
Challenge

- **Little previous work.**
- **Huge system, where do we start?**



El Pantano – what attracted us?

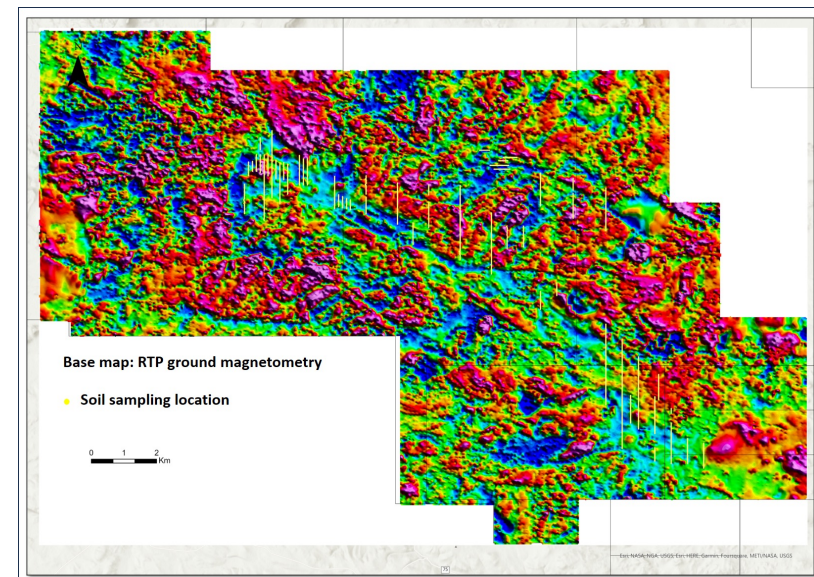
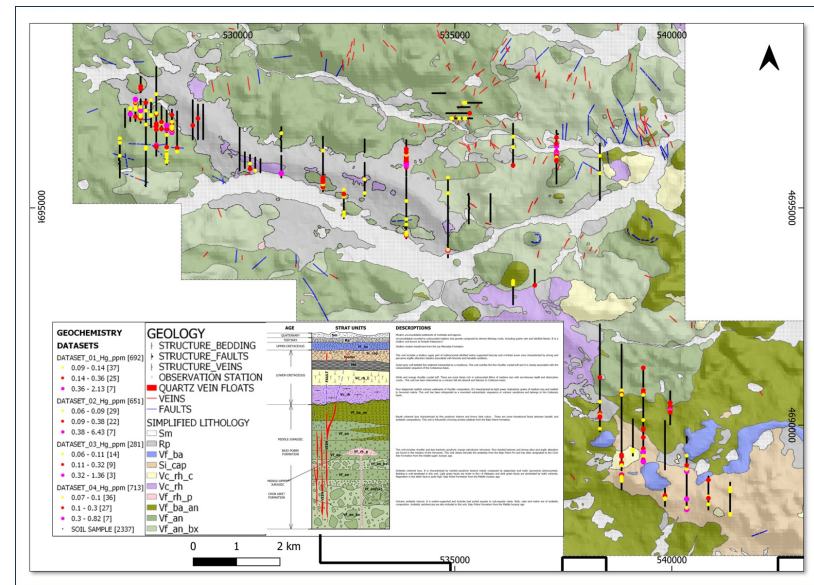
- **Deseado Massif – world class district.**
- **Litho-structural controls well understood Low-sulphidation epithermal model**
- **Cerro-Negro analogue – rifting system.**
- **Boiling is key depositional mechanism**
- **Surface Geochem focus on pathfinder elements**



El Pantano – first phase

- **Ground magnetic surveys**
- **Soil geochemistry to map anomalous gold and pathfinders**
- **Extensive geological mapping**
- **Map major structures**

Near completion. Assess options next year.



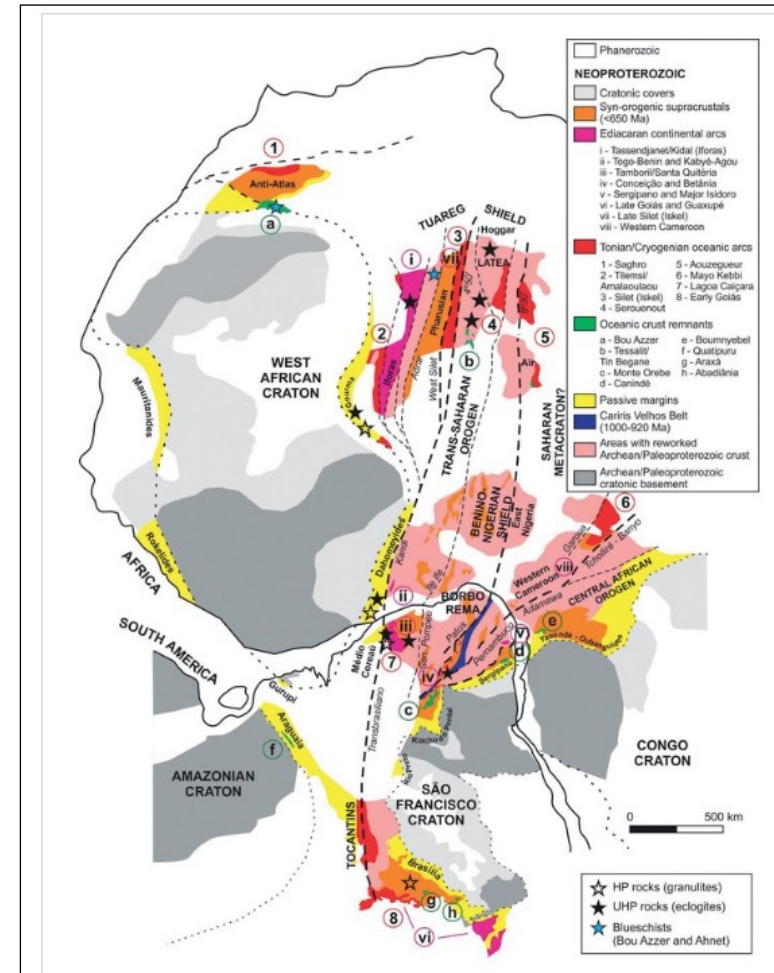
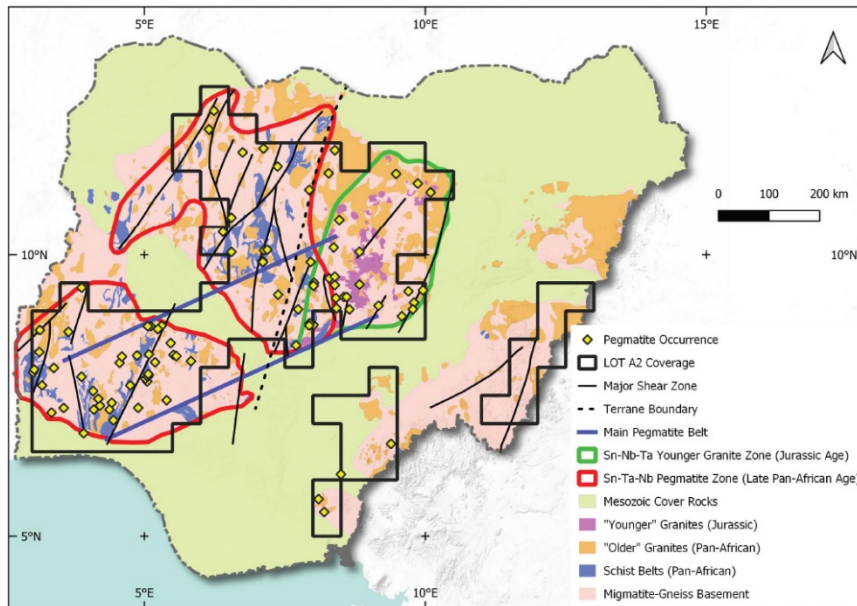
Lithium West

- **New UK company – Lithium West Ltd**
- **5 year JV in two stages to earn 70% by spending \$5m.**
- **Use existing local teams – no added overhead, staff or equipment.**
- **Commenced work immediately upon signing.**
- **Huge pre-existing databases.**



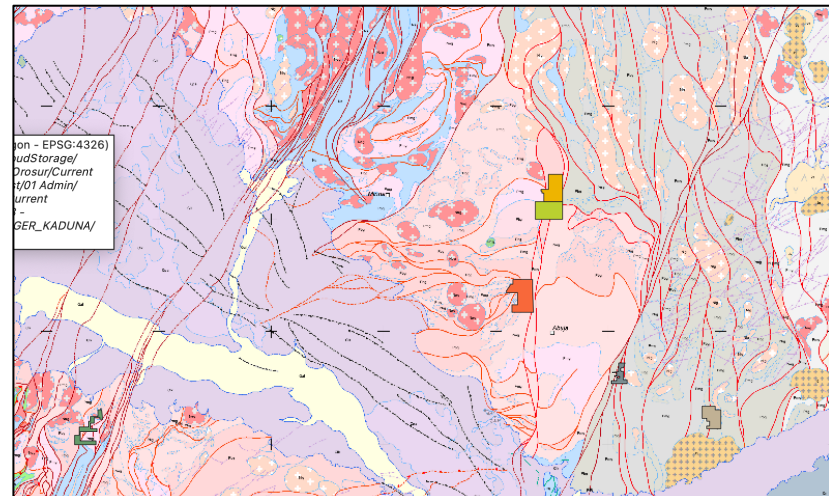
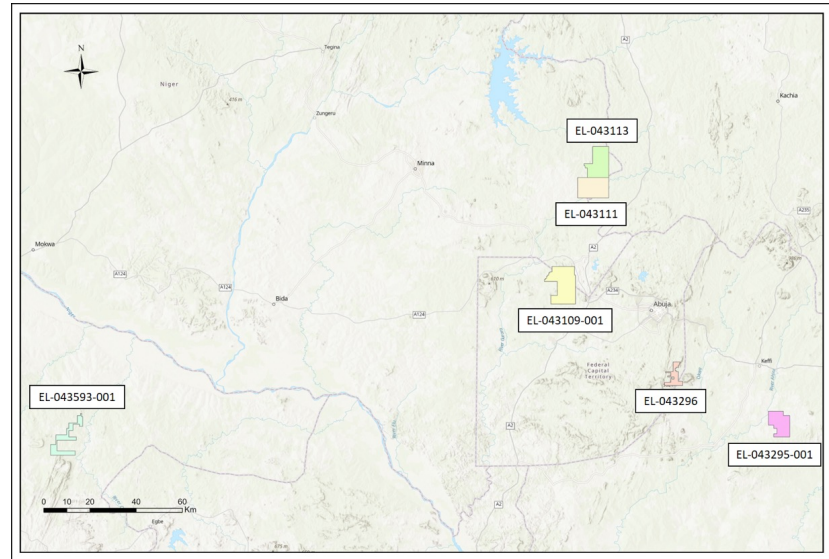
Follow the geology

- **Nigeria shares the same geology as the Lithium Valley of NE Brazil.**
- **Nigeria's pegmatite belt is well known and now highly competitive**



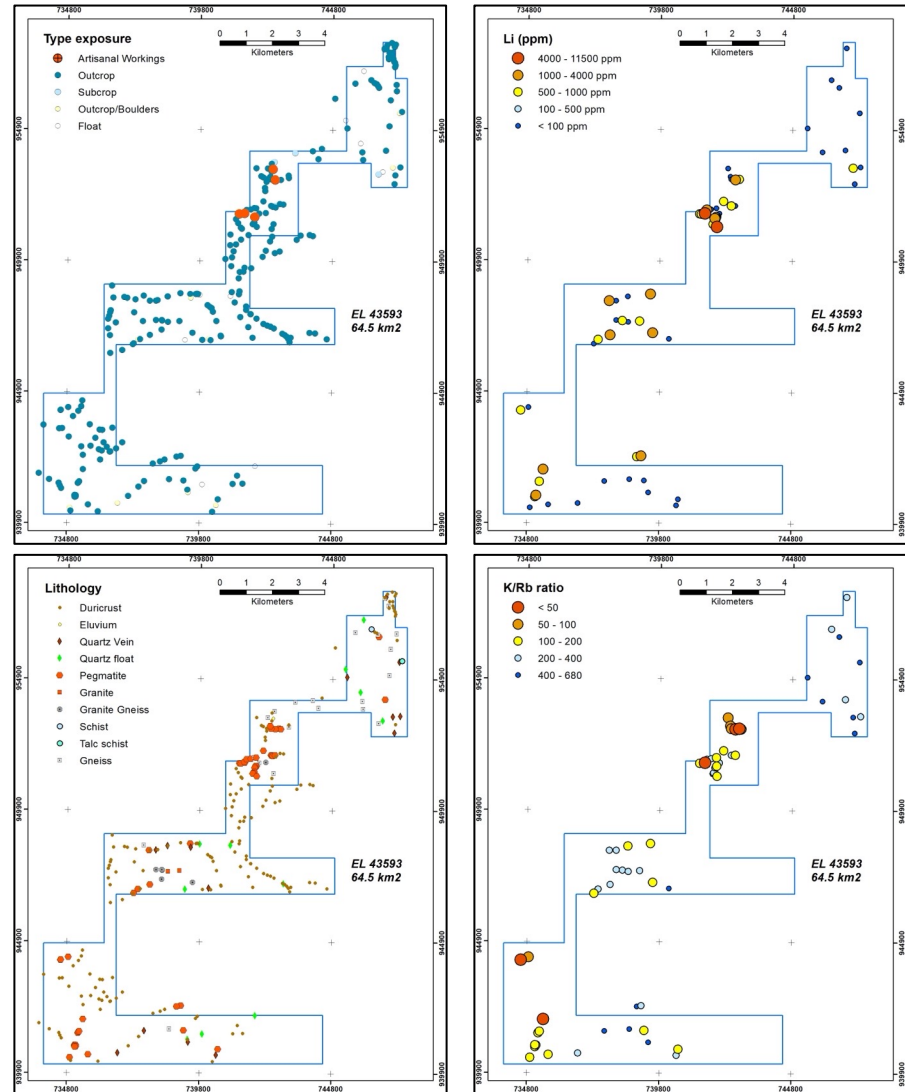
Starting licences

- **Six licences currently held for 533km²**
- **Several more in advanced stages of acquisition.**
- **Spread across several major structures in several states.**
- **All within known pegmatite belts**
- **Establish footholds to allow for expansion**



First results very positive

- Released results from first licence.
- Very positive, high grade evident - +2% LiO₂
- Other licences now covered, results imminent
- More licences under negotiation.
- More detailed work in new year



Summary – next month

- **Resolve Anzà – imminent?**
- **Assess and plan next stage?**
- **Results from Nigeria and expansion of license footprint.**
- **Next phase of Nigeria exploration. Aim to be drilling H1?**
- **El Pantano to be drill ready H1 – assess options.**
- **Ariquemes – assess near term production options.**

