

A re-emerging location for serious mineral deposit discoveries

Rare Earths and Niobium in Angola

Investor Presentation | October 2026

ASX: TYX

www.tyrannaresources.com



Cautionary notes

Important information

This presentation has been prepared by Tyranna Resources Limited (ASX:TYX) (“Tyranna”, “TYX”, or the “Company”) and is for information purposes only and should not be considered as an offer or invitation to subscribe for or purchase any securities in the Company or as an inducement to make an offer or invitation with respect to those securities. No agreement to subscribe for securities in the Company will be entered into on the basis of this presentation. This presentation may contain forecasts and forward-looking statements and information which are based on internal business data and information obtained from external sources.

Forward looking statements may be identified by the use of words such as “anticipate”, “expect”, “estimate”, “planned”, “forecast”, “likely”, “intend” and other similar expressions. Such forecasts and information are not a guarantee of future performance and involve unknown risks, uncertainties and contingencies which may impact future outcomes on the Company. Actual results and developments will therefore almost certainly differ materially from those expressed or implied.

Tyranna has not audited or investigated the accuracy or completeness of the information, statements and opinions contained in this presentation. Accordingly, to the maximum extent permitted by law, Tyranna makes no representation and gives no assurance, guarantee or warranty, express or implied, as to, and takes no responsibility and assumes no liability for, the authenticity, validity, accuracy, suitability or completeness of, or any errors in or omission from, any information, statement or opinion contained in this presentation.

Nothing contained in this presentation constitutes investment advice, financial product advice or legal, tax, accounting or other advice, nor does it take into account the financial situation, objectives or needs of any person.

Tyranna is not licensed to provide financial product advice. You should not act or refrain from acting in reliance on this presentation material. You should conduct your own investigation, perform your own analysis and obtain independent professional advice, in order to satisfy yourself as to the accuracy and completeness of the information, statements and opinions contained in this presentation and in making any investment decision in respect of Tyranna Resources Ltd.

No new information disclaimer

The information in this presentation may incorporate technical information reported to the public in announcements submitted to the ASX and is referenced accordingly.

With reference to previously reported exploration results, included in this presentation and accompanied by proximal reference footnotes, the company confirms that it is not aware of any new information or data which materially affects the information included in the original announcement to the market. The company confirms that the form and context of the Competent Person’s findings have not been modified from original announcements.

Relevant announcements are:

22 October 2025: Large Gold Project Secured in Central Angola

20 November 2025: Geochemistry Sampling Completed at the Chinguar Gold Project

16 April 2026: Stream Sediment Geochemistry Prioritises Areas for Gold Targeting

28 September 2026: Agreement to Earn 70% Interest REE And Nb Project, Angola

7 October 2026: Soils up to 13.2% TREO and 3.9% Nb₂O₅ Define Drill Targets

Competent Person’s Statement

The information in this presentation is based on, and fairly represents, information and supporting geological information and documentation that has been supplied to Mr David Crook who is a member of the AIG. Mr Crook is employed by OreSource Pty Ltd through which he provides his services to Tyranna as Managing Director. Mr Crook has more than five years relevant experience in the exploration methodologies undertaken and qualifies as a Competent Person as defined in the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (the JORC Code). Mr Crook consents to the inclusion of the technical information in this report in the form and context in which it appears.

COOLA: Drill-ready rare earths and niobium in Angola

01 High-grade REE and niobium at surface

13.18%

max TREO in soils
Coola

3.89%

max Nb₂O₅ in soils
Coola

10.56%

max TREO in laterite
Sulima West

Drill-ready carbonatite targets – maiden drilling planned for Q2 2027.

02 A large, granted 830 km² title – earning up to 70%

Four alkaline intrusions with multiple carbonatite targets. Only ~5% of Sulima West has been sampled so far – 730 new samples report in Q1 2027.

03 World-class geology

Analogues of Brazil's carbonatites, which supply ~91% of global niobium.

04 On the Lobito Corridor

Rail and road route backed by >US\$6B of EU and US investment.

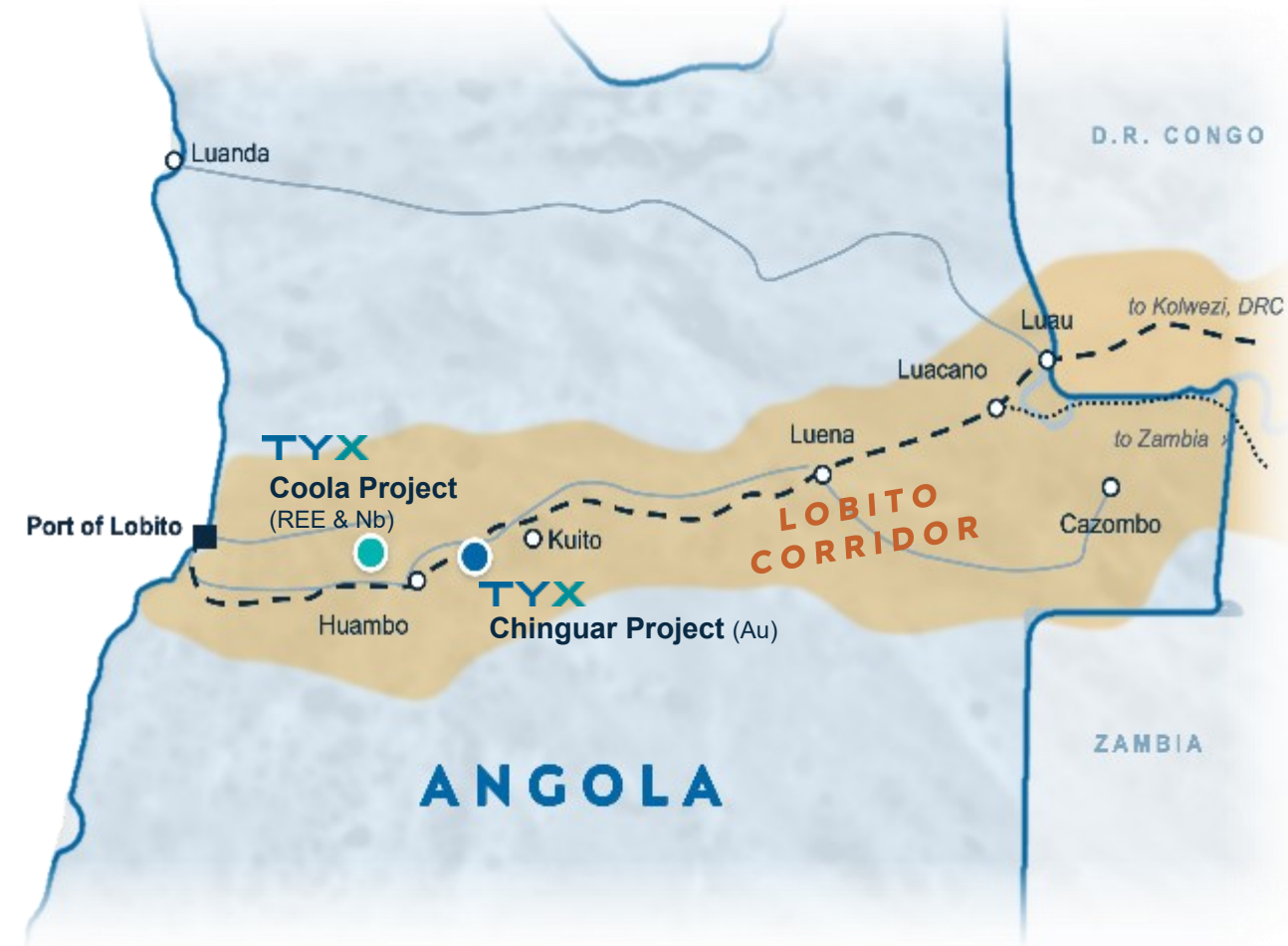
05 First mover

Established Luanda base and an experienced in-country team.

Plus gold: the Chinguar Gold Project (75%) adds a district-scale gold opportunity alongside the Coola flagship.

Angola: Under-explored and open for business

- 01 Open for business**
 After 40+ years of conflict, Angola is opening up to mining investment.
- 02 The under-explored neighbour**
 Surrounded by major mining economies – yet very few mines to date.
- 03 Tyranna is a first mover**
 Early entry, with the know-how to navigate the system.
- 04 The majors are here**
 Anglo American, Rio Tinto and Ivanhoe are all active in Angola.
- 05 Lobito Corridor: >US\$6B committed**
 EU- and US-funded rail corridor – one of Africa's largest strategic infrastructure projects – plus Chinese investment.



Elephant country for REE and Niobium



Schematic reconstruction. Positions approximate.

Mirrored mineral belts

Brazil and Angola were neighbours before Gondwana broke apart.

Brazil hosts major rare earth deposits in the states of **Goiás, Minas Gerais, and Bahia**. These include both carbonatite and ionic-clay style deposits.

Brazil holds roughly **21 million tonnes of rare earth reserves**, placing it among the top countries globally.

Most of the world's **niobium** comes from Brazil – from just two carbonatites, Araxá (80%) and Catalão II (11%)

Born in the same rift

Angola's carbonatites sit in the Lucapa Graben, formed ~130–120 Ma as the South Atlantic opened – geological analogues of Brazil's world-class Nb, REE and phosphate deposits.

- Brazil
- Angola
- Carbonatite occurrence
- Lucapa Graben
- South Atlantic rift
- Coola (approx.)

Board and management



■ Davide Bosio

Chairman

■ Joe Graziano

Non-Executive Director

■ Paul Williams

Non-Executive Director,
Angolan specialist

■ David Crook

Managing Director

■ Paulo Nunes

In-country MD

■ Tim Slate

Company Secretary

■ Paulo Caessa

Exploration Manager

15 yrs

Indirect exposure to Angola

5+ yrs

Direct exposure in-country

Luanda

Established corporate infrastructure

Peers are moving in Angola

RARE EARTHS

1

Pensana

Longonjo REE Mine
LSE: PRE
Market Cap: ~A\$285M

RARE EARTHS

2

Connected Minerals

Recent entry at the Bailundo REE
Carbonatite
ASX: CML
Market Cap: A\$52.8M

CU · NB · REE

3

Chinese groups

Tetelo copper mine (Shining Star
Icarus); Bonga and Tchivira
Nb/REE (Niobonga)

PHOSPHATE

4

Minbos

Cabinda Phosphate Mine
ASX: MNB
Market Cap: A\$22.7M



 **FLAGSHIP PROJECT**

Coola Rare Earths and Niobium Project

Earning up to 70% · 830 km² granted title
Drill-ready rare earths and niobium targets



A large, granted rare earths title

830 km²

single, granted Prospection Title –
already annotated for rare earths

4

alkaline intrusions:
Coola, Sulima West,
Sulima and Mt Verde

70%

two-stage earn-in from
Coola Mining LDA (90%
Pensana plc)

EARN-IN TERMS¹

50%

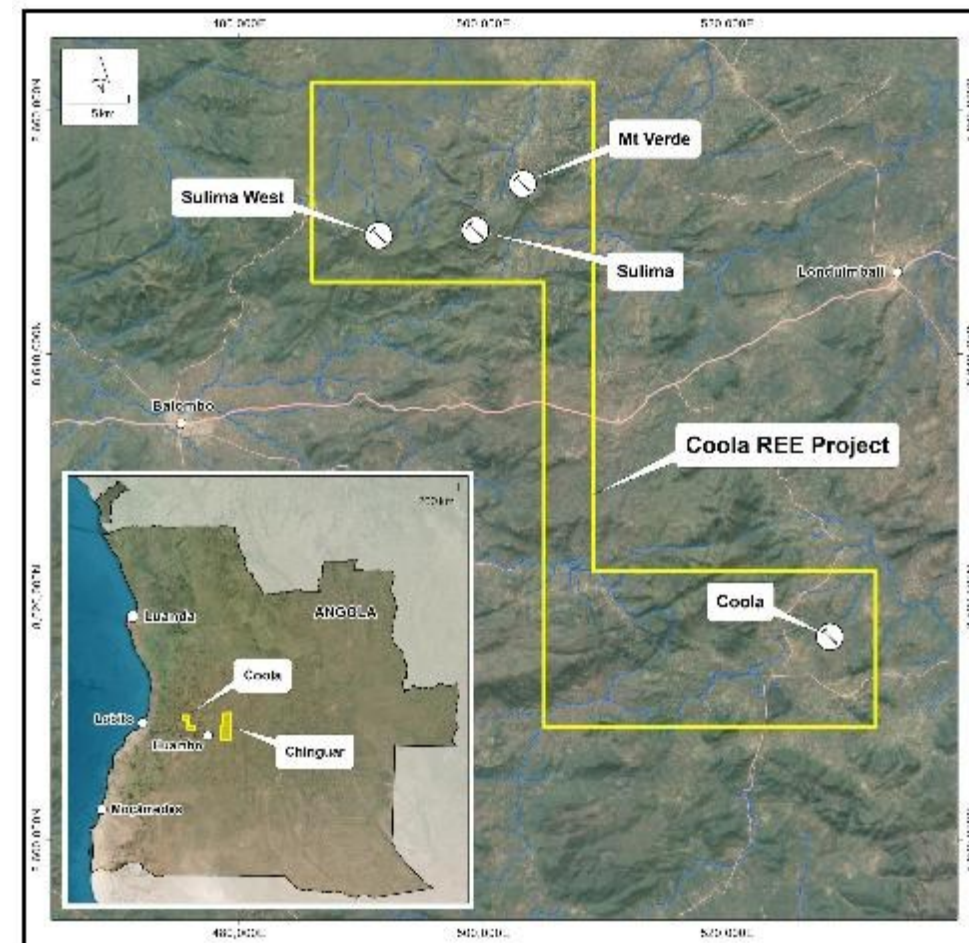
Stage 1
US\$100k on signing, then US\$1.5M of expenditure within two years.

70%

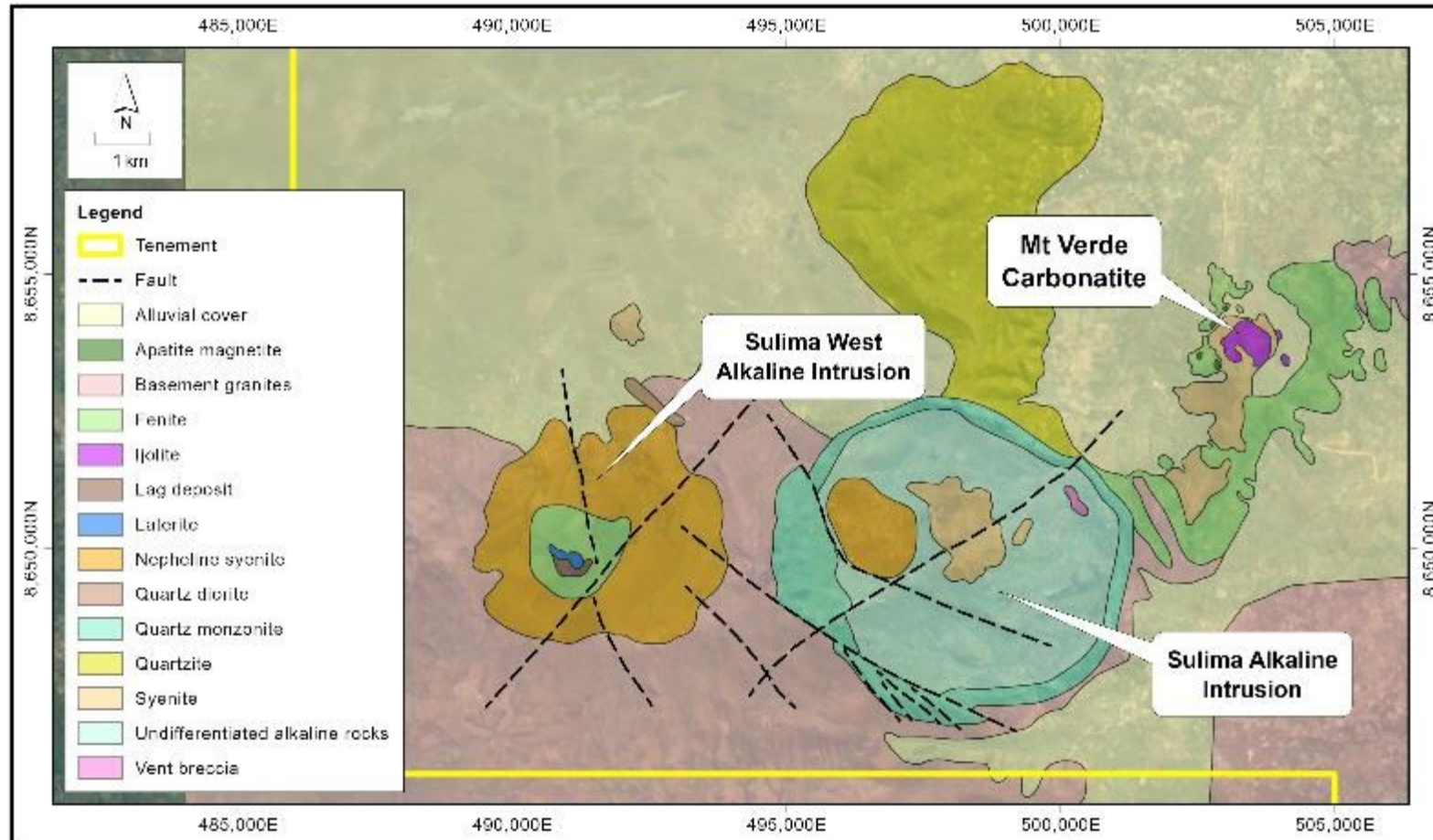
Stage 2
Further US\$1.0M of expenditure within two years of Stage 1.

Local shareholders (10%) are free-carried to completion of a Feasibility Study.

Comes with extensive vendor geochemical and geophysical datasets.



Four intrusions, multiple carbonatite targets



Coola **DRILL-READY**
Carbonatite ring dyke – most advanced
Strong REE and Nb anomalies²

Sulima West **DRILL-READY**
Laterite likely over carbonatite
Very anomalous REE geochemistry
730 samples in transit to Perth

Sulima
Alkaline intrusion
Not yet explored

Mt Verde
Mapped carbonatite dykes
Geochemical anomaly
New samples in transit to Perth

A 3 km carbonatite ring dyke with compelling REE and niobium targets



Up to 13.18% TREO in soils³

Geochemistry complete

Drilling planned Q2 2027

13.18%

maximum TREO assay in soils

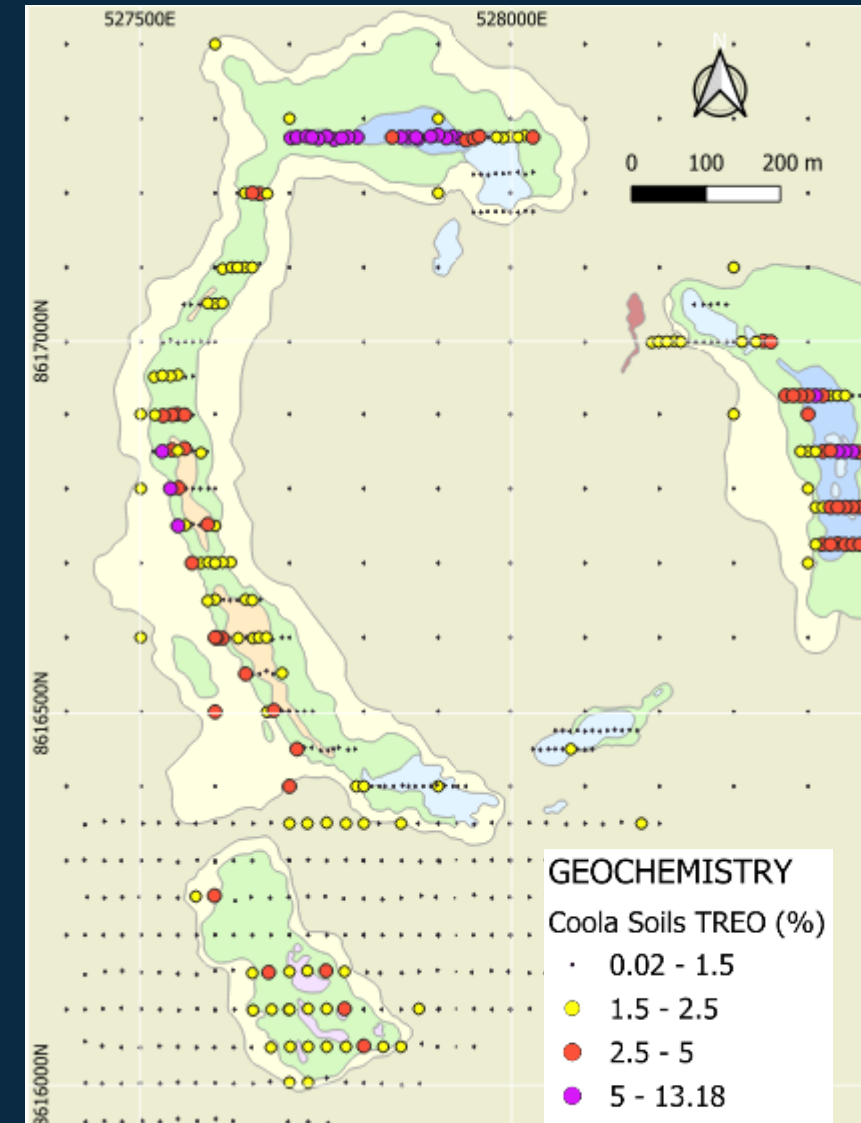
4.66%

maximum TREO assay in rocks

185

soil samples above 1.5% TREO define three anomalous zones totalling 900 m

1,084 soil samples across four phases, all analysed by Nagrom, Perth. High values are associated with the carbonatite ring dyke and the Fluorite Dyke.



3. ASX: 7 October 2026: Soils up to 13.2% TREO and 3.9% Nb₂O₅ Define Drill Targets

Up to 3.89% Nb₂O₅ in soils⁴

Geochemistry complete

Drilling planned Q2 2027

3.89%

maximum Nb₂O₅ assay in soils

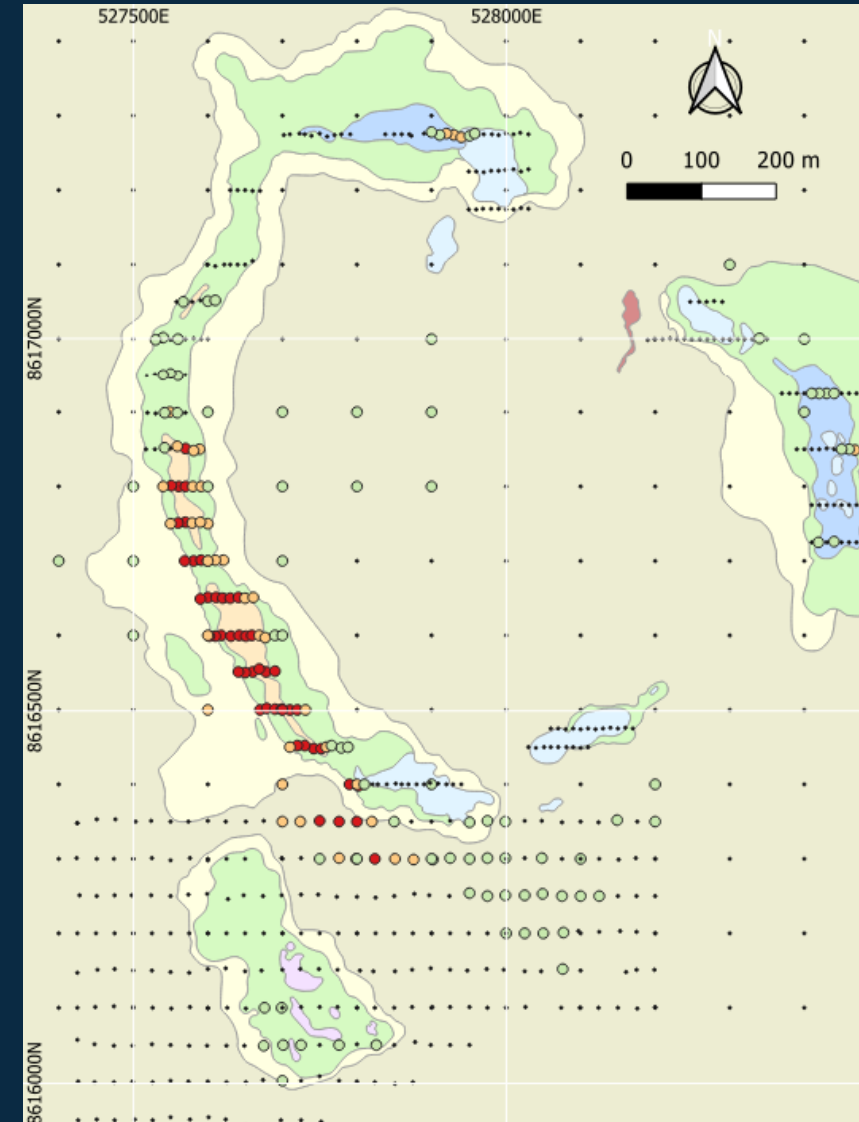
2.85%

maximum Nb₂O₅ assay in rocks

46

soil samples above 1.0% Nb₂O₅ define a 650 m long anomaly

1,084 soil samples across four phases, all analysed by Nagrom, Perth. High values are associated with the carbonatite ring dyke and the Fluorite Dyke.





SULIMA WEST PROSPECT

Laterite developed within the 4.2km diameter alkaline/carbonatite ring complex



Over 10% TREO in laterite and soils⁵

10.56%

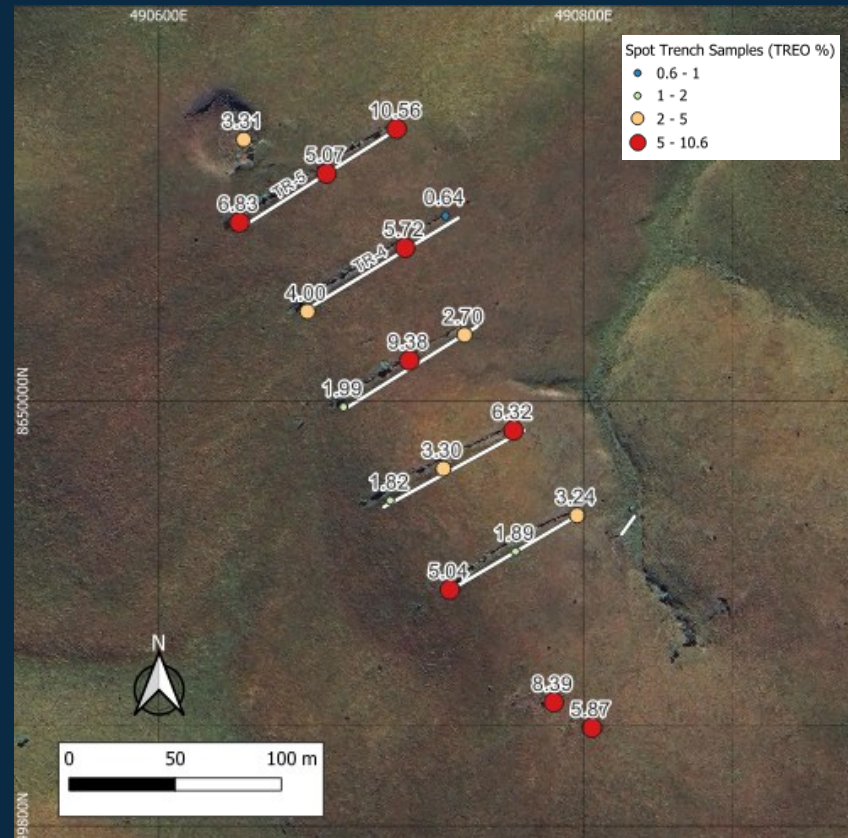
maximum TREO in laterite (spot trench samples)

10.76%

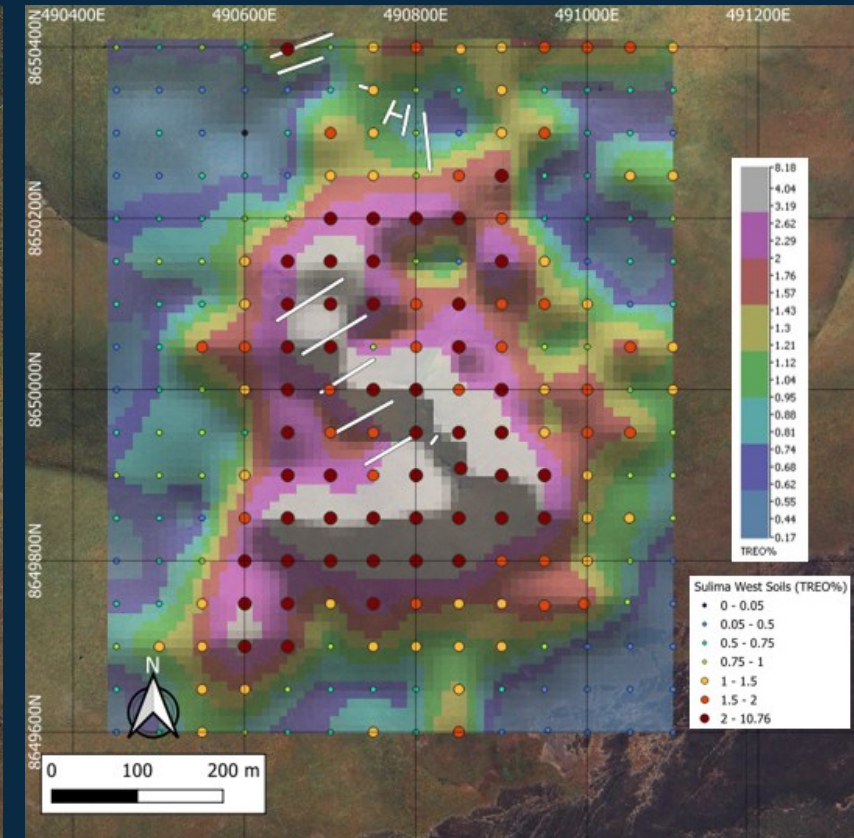
maximum TREO assay in soils

900 m

'open' target from detailed 50m × 50m soil sampling at 1% TREO



Spot trench samples – % TREO in laterite



Detailed soil sampling – % TREO

Entire diatreme now sampled – results Q1 2027

5%

of the prospect covered by geochemistry to date

730

new soil samples in transit to Perth for analysis



Laterite likely developed over carbonatite
Results to date come from only a small part of the diatreme.

Chinguar Gold: a district-scale opportunity^{6,7}

20

garimpo gold
workings
appraised

3,342

km² single, granted
Prospection Title

75%

Tyranna interest

Artisanal miners recover alluvial and laterite-hosted gold at more than a dozen sites; the primary source has never been explored with modern methods.

First-pass stream sediment sampling complete (40 samples); 77 follow-up samples submitted to Perth.

OUR MISSION

Trace the alluvial gold back to its source – complementing our rare earths and niobium flagship.



Cachiungo Novo – mechanised alluvial workings



Consito Alto – workings in laterite extend >450 m

6. ASX: 20 November 2025: Geochemistry Sampling Completed at the Chinguar Gold Project

7. ASX: 16 April 2026: Stream Sediment Geochemistry Prioritises Areas for Gold Targeting

Pathway to discovery

NOW

DECEMBER QUARTER

AFTER THE WET SEASON

ONGOING



Compile and model

Compiling and modelling the vendor geochemical and geophysical datasets.

Laboratory assays

Sulima West: 730 soil samples in transit to Perth.

Coola and Mt Verde: selected REE–Nb samples.

Results expected Q1 2027.

Maiden drill program

Drill sections across the Coola carbonatite ring dyke.

Drill-test the Sulima West laterite.
Planned for Q2 2027.

Grow the pipeline

Infill soils, mapping, trenching and drill testing of REE and Nb anomalies.

Complete Stage 1 of the earn-in (50%).

● **Chinguar Gold:** stream sediment and soil assays pending.

“Tyranna aspires to join the two rare earth mines currently under construction in Angola.”

— **David Crook, Managing Director**

Contact

David Crook

Managing Director

www.tyrannaresources.com

ASX: TYX

