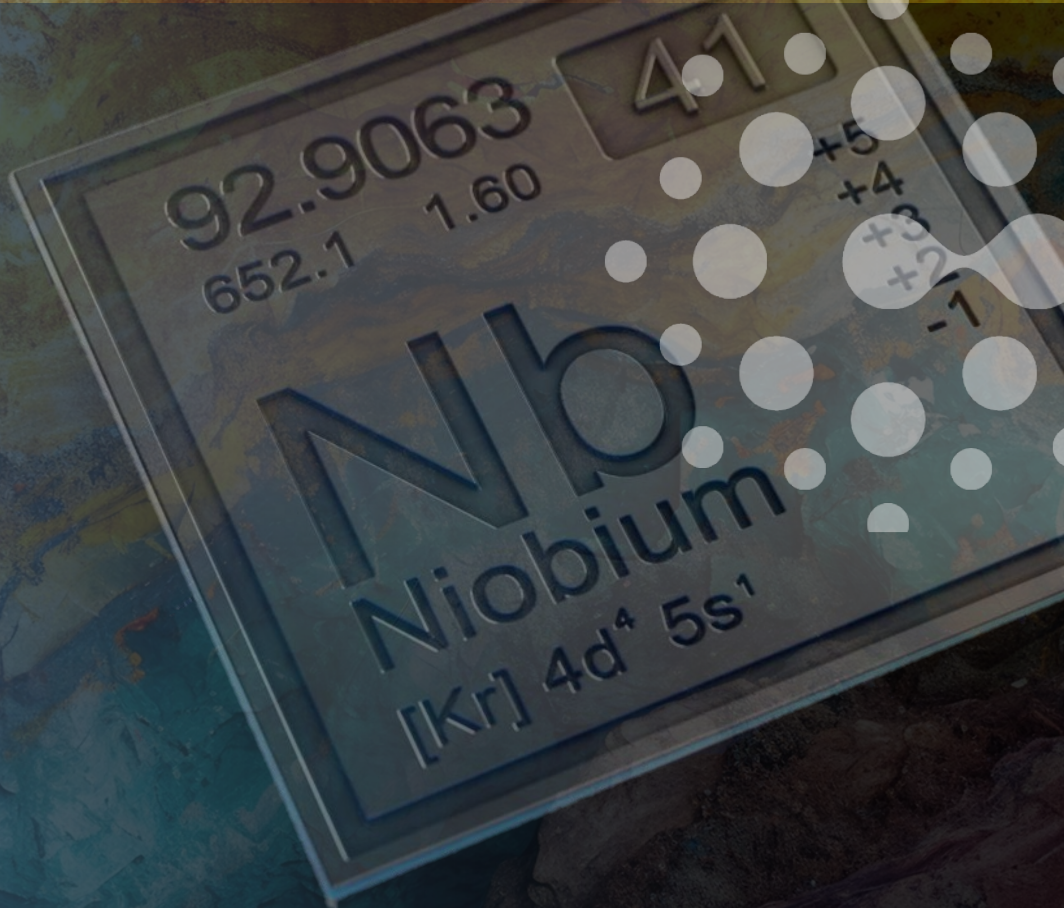
Connected Minerals Ltd

Unlocking One of the World's Largest Underexplored Carbonatite Complexes



A Large-Scale Niobium and Rare Earths Opportunity

ASX:CML | AUGUST 2026

Disclaimers

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Competent Persons Statement

The information in this report that relates to exploration results and proposed activities is based on and fairly represents information compiled by Mr. Warrick Clent (B.Sc (Geol), member of The Australasian Institute of Mining and Metallurgy), an employee and a Director of Connected Minerals Limited. Mr. Clent has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr. Clent consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

Compliance Statement

The information in this document that relates to Exploration Results is extracted from the Company’s ASX Announcement dated 4th May 2026, which is available to view on the Company’s website at www.connectedminerals.com.au.

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This presentation has been approved for release by the Board of the Company.

Corporate Snapshot

Capital Structure and Team

SHARES ON ISSUE	
Shares on Issue	140.6 m
Group Cash at Completion [1]	~$7.0 m
Share Price @ 7.8.26	$0.37
Market Capitalisation	**$52.0m**
Options	
- Expiring 31/12/2026 @ $0.20	12.0m
- Expiring 27/11/2028 @ $0.25	5.0m
- Expiring 12/3/2029 @ $0.30	0.3m
- Expiring 27/11/2030 @ $Nil	2.0m
Performance Shares (Transaction Milestones) [2]	36.4 m
Fully diluted share capital	**196.3 m**

SHARE STRUCTURE

BOARD

Quentin Flannery, Chair/ NED
Stephen Wetherall, CEO/ ED
Adam Sierakowski, NED
Warrick Clent, NED

“Large-scale carbonatite complex with demonstrated high-grade Nb and REE mineralisation from surface”

FUNDED **EXPERIENCED** **ALIGNED**

1. *Includes Ilwella Bridging Loan of US$600k*
2. *≥20Mt @ ≥1.0% Nb_2O_5 (or equivalent) for the Class A performance shares and ≥20Mt @ ≥2.0% TREO (or equivalent) for the Class B performance shares*

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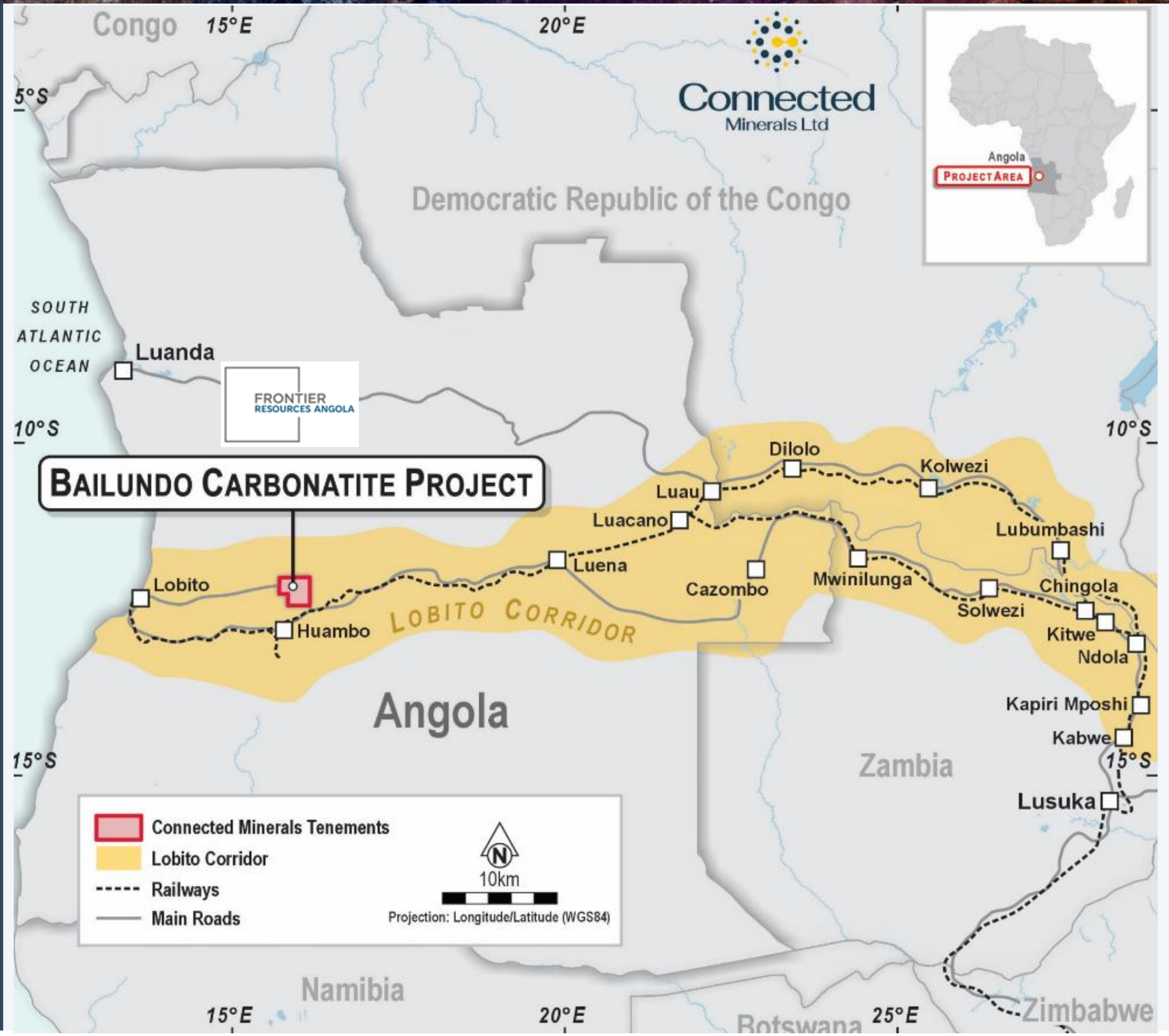
Investment Highlights

- **SCALE**
  - One of the world's largest mapped and underexplored carbonatites
- **MULTI COMMODITY**
  - Niobium, rare earths, gallium & phosphates
- **MINERALISATION**
  - High grade
  - From surface
  - Large footprint
- **LOCATION**
  - Angola - emerging mining jurisdiction
  - Established infrastructure
  - Access to the Lobito corridor
- **TIMING**
  - Acquisition complete
  - Fully funded
  - Clear pathway to maiden JORC MINERAL RESOURCE ESTIMATE



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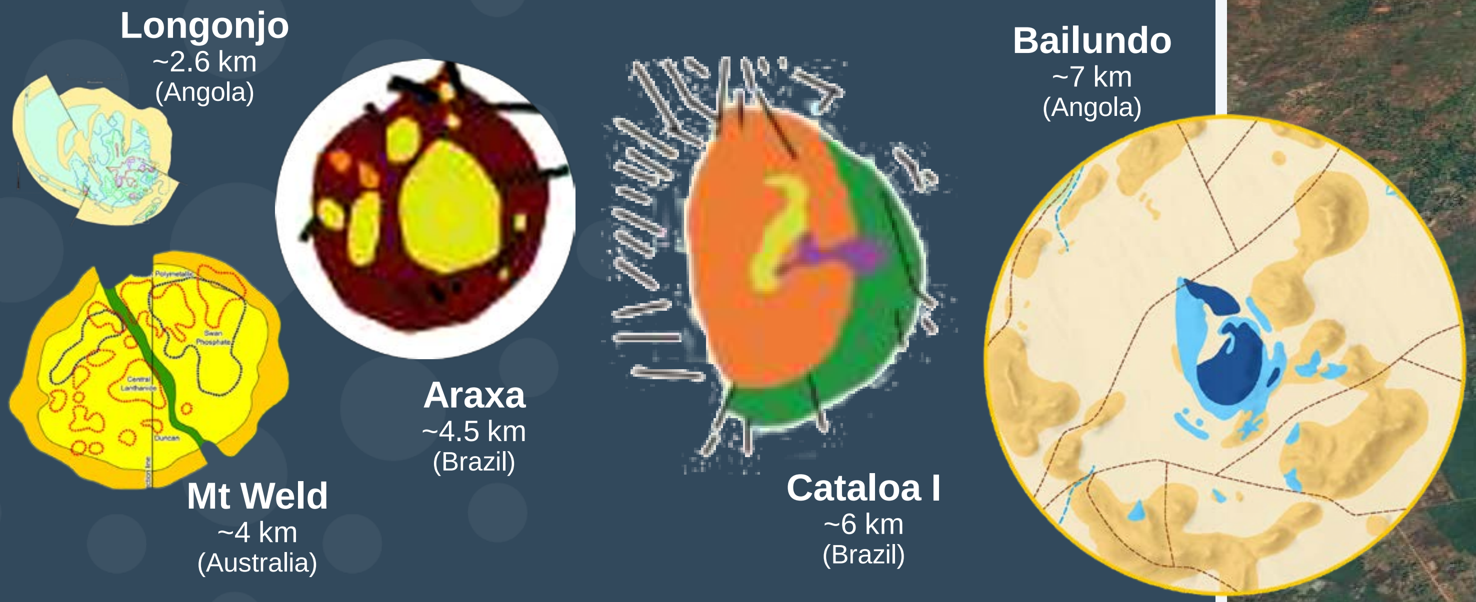
Scale

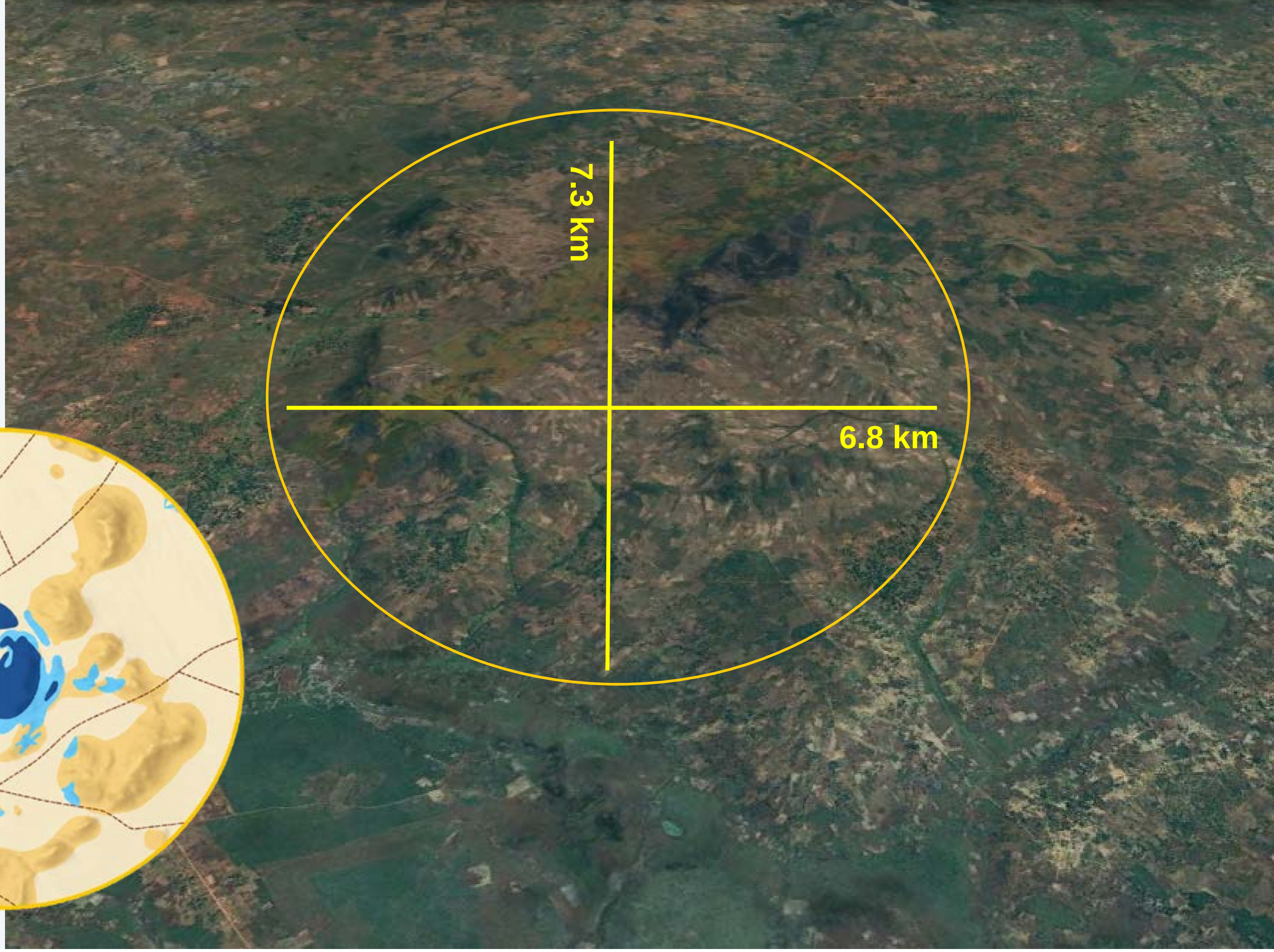
*One of the World's Largest Mapped Carbonatites **

- **~7 km diameter**
- **~39 km^2 mapped carbonatite complex**
- **Discovered, mapped, but underexplored**



** Comparison relates to approximate mapped surface dimensions of the carbonatite complexes only.*

CML holds an 80% interest in the entire Bailundo Carbonatite Complex



Multi Commodity

Four Strategic Minerals

Niobium	Steel, infrastructure, defence
Rare Earths	EVs, magnets, robotics, wind turbines
Gallium	AI chips, defence, communications
Phosphates	Agriculture and food security

- **Carbonatite expert**
  - Dr Pete Siegfried engaged by Frontier - completed a site visit, reviewed the historical dataset and assisted developing exploration programs

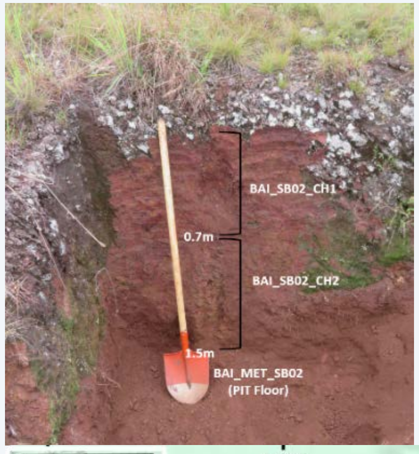
Mineralisation

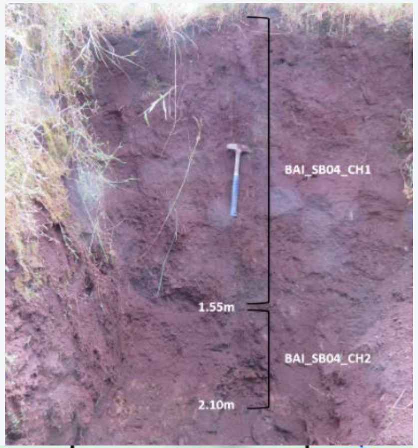
From Surface, High Grade and Widespread

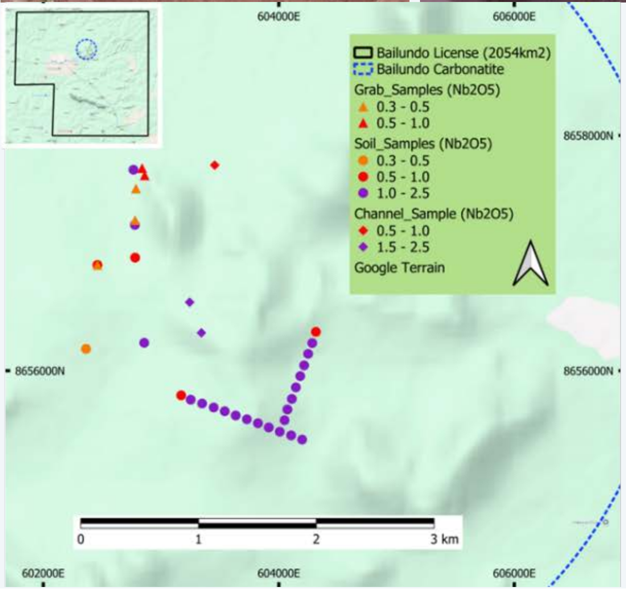
- **Historical Dataset** (seeking to acquire)
  - 10 drill holes (6 assayed)
  - >1,500 soil and rock chip samples
  - Petrographic studies and mineral chemistry analyses
- **Frontier Sampling***
  - Broad mineralised footprint, from surface and high-grade saprolite

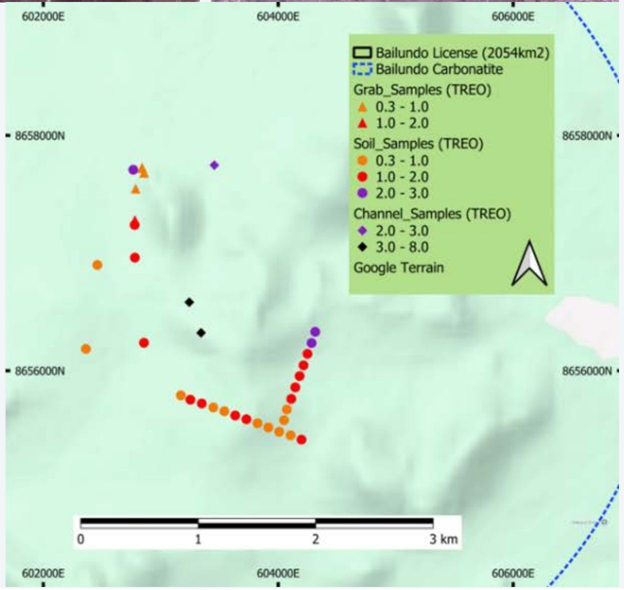
Sample Type	Nb_2O_5 % (max)	TREO % (max)	NdPr % (max)
Soil (28)	1.9	2.8	0.6
Rock Chip (9)	1.0	1.7	0.4
Channel (6)	**2.1**	**7.7**	**1.3**

Channel Sample ID	From (m)	To (m)	Interval	Nb_2O_5 %	TREO %	NdPr %
BAI_SB04_CH1	0	1.55	1.55	1.26	4.69	0.66
BAI_SB04_CH2	1.55	2.10	0.55	**2.07**	**7.69**	1.10
BAI_SB02_CH1	0	0.70	0.70	1.54	2.92	1.13
BAI_SB02_CH2	0.70	1.50	0.80	1.15	3.39	1.25
BAI_SB06_CH1	0	0.55	0.55	0.59	2.24	0.41
BAI_SB06_CH2	0.55	1.25	0.70	0.69	2.84	0.53









** All exploration results contained in this presentation have previously been announced to the ASX on 4th May 2026. Investors should refer to that announcement for full details, including JORC Table 1 information and Competent Person statements. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement.*

Location

Angola – A Shared Geology and Emerging Mining Jurisdiction

- **Carbonatites globally host the majority of the world's Nb resources and are increasingly important sources of REE**

- **Brazil & Angola were connected prior to the break-up of Pangea (~130 million years ago)**

- **Brazil hosts some of the largest carbonatite complexes globally and represents the world's largest niobium deposits, ~87% of the global production of Nb from two carbonatites**

- **Angola too hosts significant carbonatite complexes known to be mineralised with Nb & REEs**

- **Angola's carbonatite complexes are geochemically and petrologically comparable to their Brazilian counterparts**

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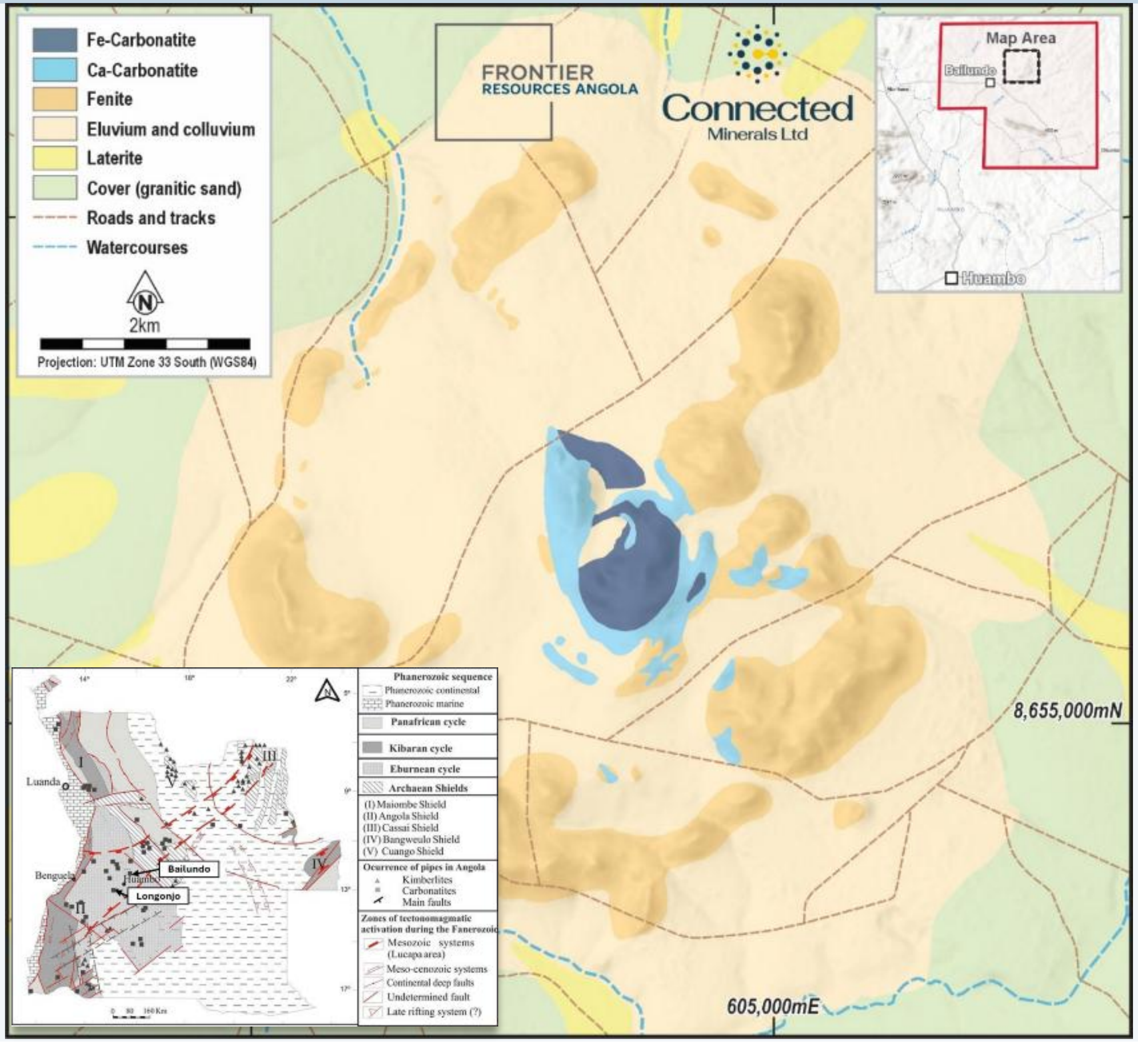
Angola

The Bailundo Carbonatite Complex

- **2,054 km² license located in Angola on the Diagonal Trans-Angolan NE-SW Belt (Lucapa Graben) containing:**
  - A typical subcircular morphology
  - A diameter of ~7km and an area of ~39km^2
  - Three key lithological units:
    - Fenites (large alteration halo indicating scale of the system)
    - Ca-Carbonatites (associated with REE-bearing mineralisation)
    - Fe-Carbonatites (associated with pyrochlore-hosted Nb mineralisation)

- **Mineralisation from surface (saprolite-hosted) with continuous grade into fresh rock horizons**

- **Strategically located:**
  - Angola - emerging mining jurisdiction, established infrastructure
  - ~12km from the town of Bailundo, ~90km from the city of Huambo - Angola's 3rd largest city
  - ~92km from Pensana PLC's Longonjo REE Project
  - On the Lobito Corridor - a US and EU-backed railway initiative - a direct export pathway for critical minerals from Central Africa to global markets



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Angola

Underexplored, High-Potential Mineral Frontier

- Legacy of conflict and minimal systematic exploration
- Reliance on oil and diamonds
- New reforms, incentives and transparency initiatives to attract investment to diversify from oil reliance
- Significant investment in infrastructure modernisation & logistics corridor
- Strategic geopolitical location
- Forming strategic partnerships (US, EU)
- Admitted to the EITI in June 2022
- Recognised as Africa's *second most improved jurisdiction* for mining investment by the Fraser Institute

Majors

AngloAmerican RioTinto IVANHOE De Beers Group

LSE/ ASX Companies

PENSANA MINBOS RESOURCES TYRANNA RED SKY ENERGY LUCAPA

>$500 million loan commitment from U.S. International Development Finance Corporation (DFC)

Financing Component	Key Participants	Approximate Value	Purpose
Lobito Atlantic Railway	US DFC, Eu Partners, AFC	US$550 million	Rail rehabilitation and operations
Port Infrastructure	Angolan Government, Private	US$300 million	Expansion and modernization of Lobito Port

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Angola

Mining Code & Regulatory Framework

- **Modern Mining Framework**
  - Mining Code (Law 31/11) provides legal framework governing mineral exploration and mining
  - Mining Investment Contract ("MIC") establishes the rights and obligations of the concession holder

- **Long-Term Tenure Security**
  - MIC provide exclusive rights on concession
  - MIC may be granted for up to 35 years (inclusive of exploration phase & mining phase and renewable)

- **Strategic Minerals Development**
  - Angola is actively encouraging investment into strategic and critical minerals
  - Significant investment has been directed into mining infrastructure and logistics corridors
  - Major mining companies active in Angola include Anglo American, Rio Tinto, De Beers and Ivanhoe

- **Bailundo**
  - Frontier currently holds rights over the Bailundo concession through its Mining Investment Contract (originally granted for copper)
  - Application to the ANRM has been submitted to expand the concession minerals to include:
    - **Niobium**
    - **Rare Earths**
    - **Gallium**
    - **Phosphate**
  - ANRM granted the rights – completing required Addendum for approval by Minister/ Gazetting

ANGOLA

A modern mining, long-tenure framework with a supportive government approach to provide a clear pathway from exploration through to evaluation and potential mine development

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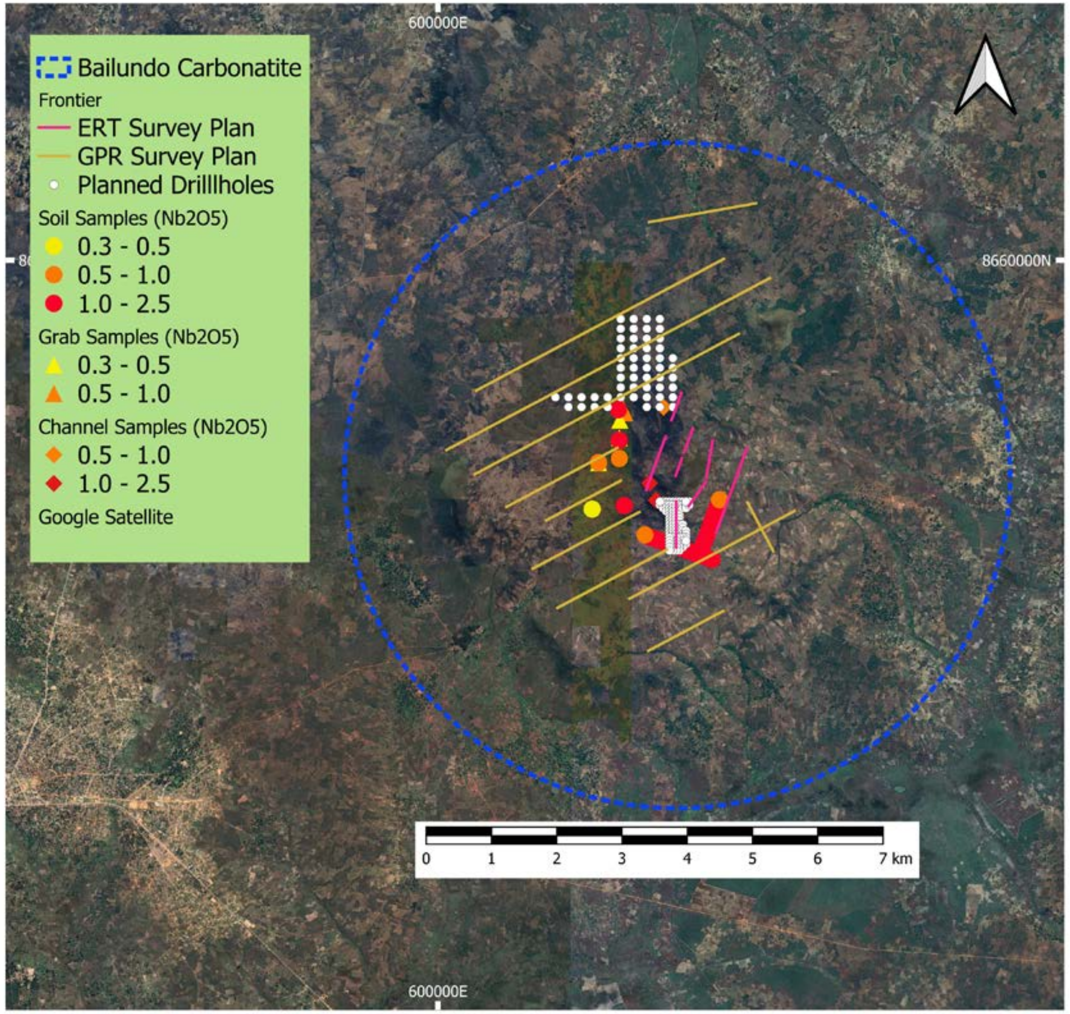
2026 Exploration Program

Fully Funded To Produce a Maiden JORC Mineral Resource and Identify Additional Target Areas

	Q3 2026			Q4 2026		
	Jul	Aug	Sep	Oct	Nov	Dec
Preparations						
Airborne Geophysics (Mag/ LiDAR)						
Ground Geophysics (GPR/ ERT)						
Diamond Drilling Programme						
RC Drilling Programme						
Drilling Assays						
Mineralogy/ Metallurgical/ Petrography						

**Programs assume all Government approvals and permits are obtained in a timely manner.*



Investment Highlights

Why We Believe Bailundo Has the Potential to Become a Significant Critical Minerals Project

LARGE-SCALE CARBONATITE SYSTEM

- Large carbonatite complex with significant scale potential
- Historical exploration and Frontier sampling supports substantial mineralised system

STRONG FUNDAMENTALS & GEOPOLITICAL TAILWINDS

- Global demand is accelerating due to decarbonisation & electrification trends
- Strategic supply chains remain concentrated
- Opportunity to diversify vulnerable supply chains in a stable, underexplored jurisdiction

MULTI STRATEGIC MINERAL EXPOSURE

- **Niobium** - used in steel, EVs and superconductors
- **REEs** - vital for clean energy transition and defence
- **Gallium** - AI chips, defence, communications
- **Phosphates** - Agriculture

FAVOURABLE JURISDICTION & INFRASTRUCTURE

- Angola is becoming an increasingly friendly jurisdiction and attracted majors into the mining sector
- Good infrastructure – significant investment by the US into logistics corridor to Lobito

HIGH-GRADE MINERALISATION FROM SURFACE

- From surface mineralisation in enriched weathered zones with strong continuity
- High Nb & REEs grades, incl. magnetic rare earth oxides Nd, Pr, Dy, Tb (**MREOs**)

CLEAR PATH TO RESOURCE DELINEATION

- Exploration/ delineation program paves the way for a maiden JORC mineral resource estimate within 12 months
- Experienced resource team with >10 years operational experience in Angola

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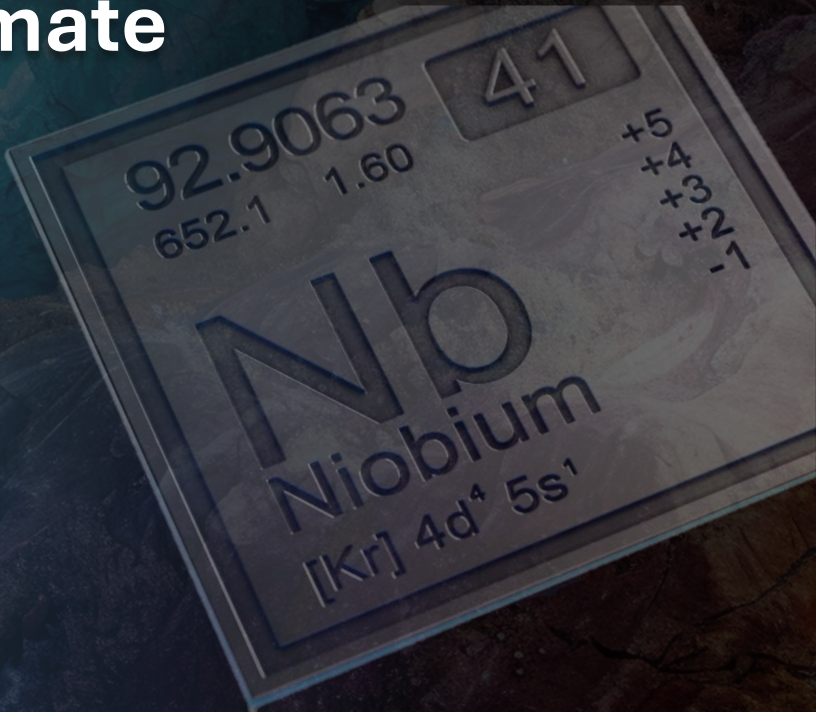
Connected Minerals is accelerating the systematic evaluation of one of the world's largest underexplored carbonatite complexes with a clear pathway to a maiden JORC Mineral Resource Estimate



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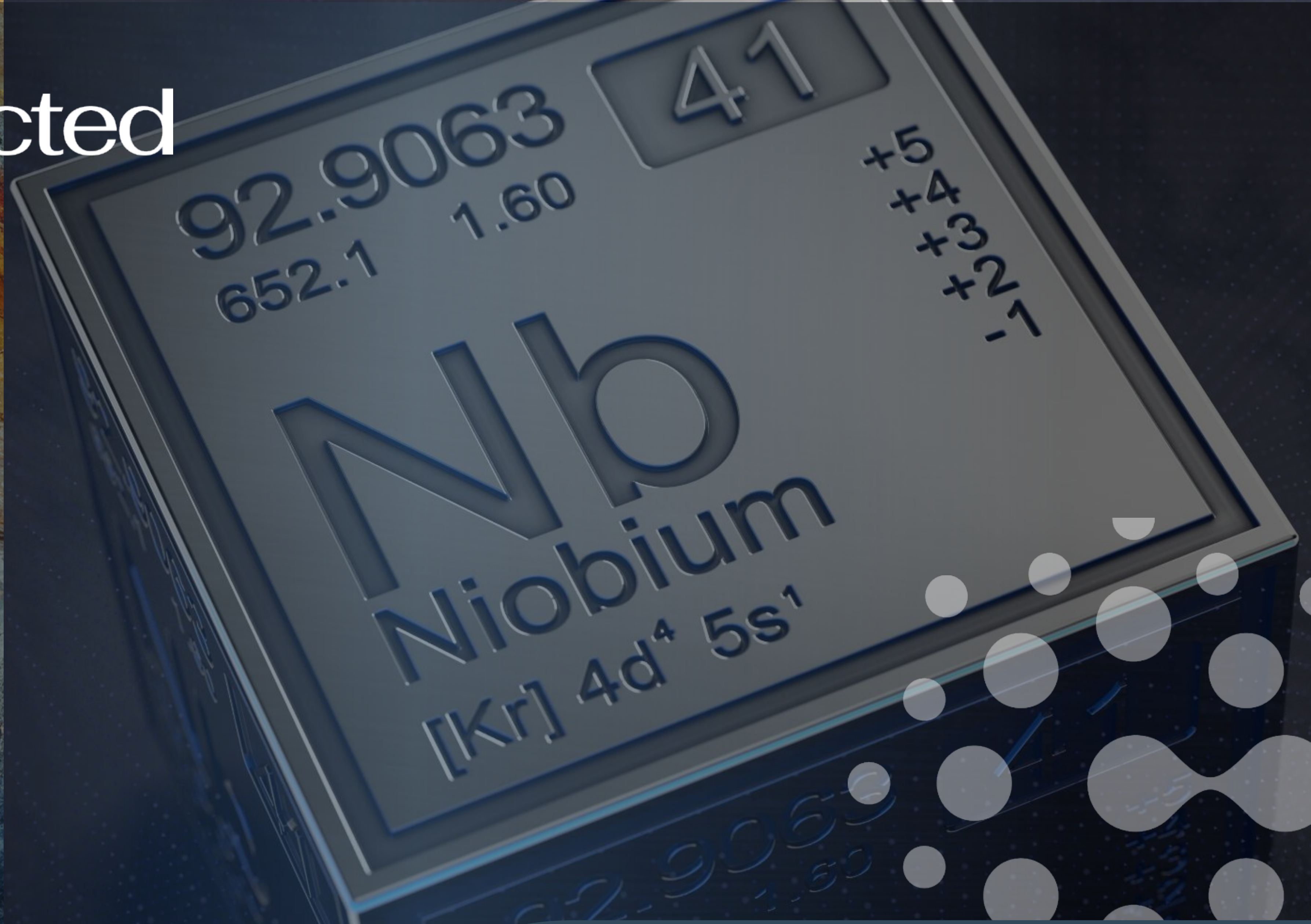

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