

VALUE THROUGH EXPLORATION & DEVELOPMENT

HARTS RANGE PROJECT

- Highly prospective Uranium, Niobium, and Heavy Rare Earth Project, located 140km north-east of Alice Springs
- Assays from rock chips samples collected from outcropping pegmatites improved on historical results^{1,2} returning high-grade readings up to 31.48% NB2O5, 14.04% U3O8, 1.63% Dy2O3, 0.22% Tb4O7 and 23.02% Ta2O5
- The project is located on the Entia Dome with deep crustal and mantle tapping structures

NWQ COPPER PROJECT

- JORC compliant MRE 2.1Mt @ 1.1% Cu for 21,886t copper metal³
- MOU signed with Austral Resource with pathway to production⁴
- Significant exploration upside with over 20 regional targets³
- Situated in the world class Mt Isa copper-belt district, north-west Queensland



Delivering Shareholder Value Through Exploration and Development

CORPORATE STRATEGY

- Divestment of non-core assets with cashflow to fund the future
- Primary objectives to explore and develop key assets



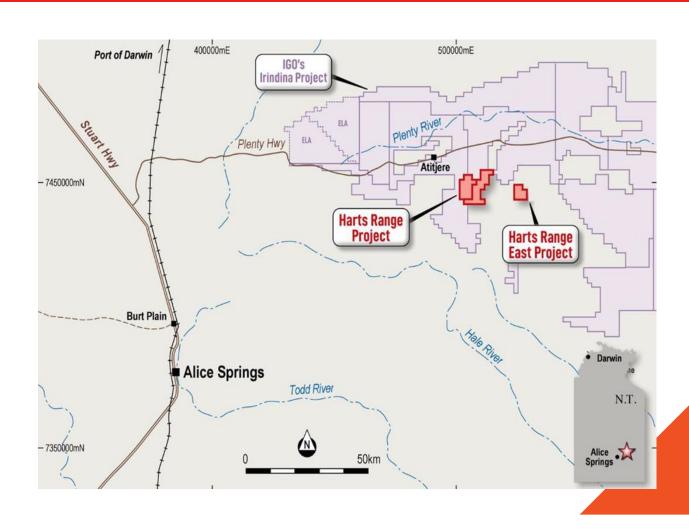


HARTS RANGE PROJECT



LOCATION ACCESS & INFRASTRUCTURE

- The Harts Range Project comprises two granted tenements and an application (135km²), circa 140km north-east from Alice **Springs**
- The tenure resides on the Mt Riddock pastoral station and is accessible for most of the year via a sealed highway and wellmaintained tracks
- Harts Range tenements granted with no native title objections
- Within the tenure, Harts Range Pegmatites (outcropping) host HREE-Nb-U mineralisation^{1,2}
- Rock chip grades up to 14.04% U308, 31.48% Nb205, 1.63% Dy2O3, 0.22% Tb4O7 and 23.02% Ta2O5 recorded across multiple prospects^{1,2}
- The area is tightly held including ASX-listed Independence Group (ASX: IGO) having a substantial footprint in the region⁵



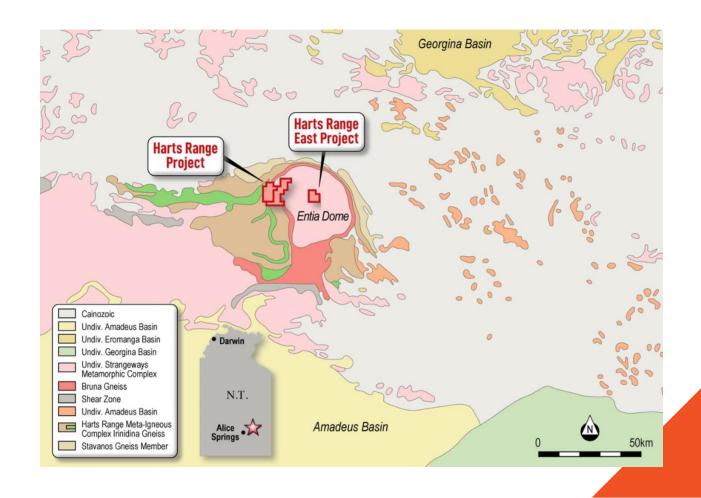
Source: NFM geology team (Reference 1)

HARTS RANGE PROJECT



GEOLOGICAL STRUCTURAL SETTING

- The Harts Range Project lies north-west of the Entia Dome and is underlain by the Harts Range Group, which predominantly consists of feldspar-biotite-amphibolegarnet gneisses⁶
- The Harts Range region has undergone substantial crustal re-working between Proterozoic and Palaeozoic times
- As a result, it is now believed to represent an ancient and strongly altered/metamorphosed version of a continental collision zone⁶
- Magnetotelluric data interpreted by Adelaide University and NT Geological Survey geologists⁷ suggests the Entia Dome system is a deep-crustal feature that can be shown extending to the mantle



Source: Scrimgeour 2013 (Reference 6)

HARTS RANGE PROSPECTS



Outcropping pegmatites and mineralised HREE-Nb-U rock samples







Bobs Prospect 506161E 7447407N

Cusp Prospect Rock Chip Samples: Samples HRS003 retuning grades up to 29.80% NB2O5, 14.04% U3O8, 1.63% Dy2O3, 0.22% Tb4O7 and 23.02% Ta2O5 hosted in pegmatite rock. Source (Reference 16): ASX Release – 6 Nov 2024, High grade assays up to 29.80% Nb2O5 & 14.04% U3O8 validate Harts Range Project potential

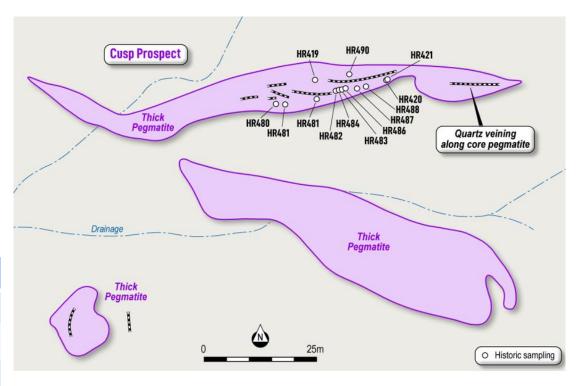
HARTS RANGE - CUSP PROSPECT



HISTORICAL ROCK CHIP RESULTS

- Niobium-HREE-Tantalum identified in pegmatites running east-west, over 70m long and up to 10m thick
- Numerous high grade rock chips with best results^{1,2} returning grades up to
 23.2% Nb and 14.6% HREE, including 1.88% Dy and 5.89% Ta
- The Cusp Prospect is located 1.6km along strike from Bobs, with similar mineralisation and geological setting

Sample ID	HR 419	HR 420	HR 421	HR 480	HR 481	HR 482	HR 483	HR 484	HR 485	HR 486	HR 487	HR 488	HR 490	HSR 003	HSR 004
Niobium (%)	17.5	1.1	22.7	21.0	16.3	23.2	23.0	1.0	24.0	20.6	20.0	19.4	18.0	29.8	25.4
Uranium (%)	10.1	2.0	11.0	11.4	10.4	12.1	12.2	0.0	11.6	11.2	11.2	11.3	11.3	10.1	8.5
Yttrium (%)	5.6	16.0	6.9	8.0	3.3	8.6	8.1	0.0	7.9	7.4	8.3	7.8	7.3	7.2	6.2
Tantalum (%)	9.3	0.9	5.5	7.0	11.0	5.9	6.6	0.1	5.9	4.1	5.2	4.7	6.3	6.3	4.8
Dysprosium (%)	1.1	0.0	1.6	1.7	0.7	1.9	1.7	0.0	1.8	1.6	1.8	1.7	1.5	1.3	1.1
Terbium (%)	0.18	0.05	0.24	0.27	0.10	0.29	0.27	<0.01	0.27	0.25	0.27	0.26	0.24	0.21	0.18

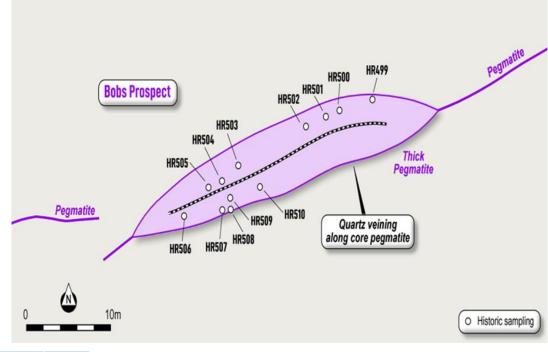


HARTS RANGE – BOBS PROSPECT



HISTORICAL ROCK CHIP RESULTS

- Niobium-HREE-Tantalum mineralisation in pegmatites trending east-west that are several metres thick and >30m long, with similar geological setting to the Cusp Prospect
- Multiple high grade rock chips with best results^{1,2} returning grades up to 3.4% Nb and 16.3% HREE, including up to 1.54% Dy and 14.9% Ta
- Outcropping pegmatite along the same orientation 200m west of Bobs (Bobs West) – hosted exclusively within felsic gneiss of the Irindina Gneiss
- The pegmatite is semi-continuous for ~300m with a similar geological setting and has notably large green muscovite present



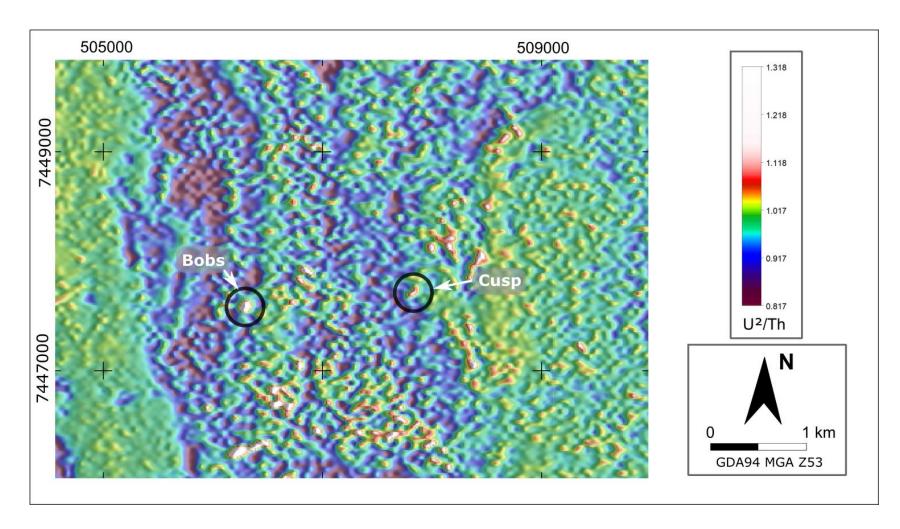
Sample ID	HR499	HR500	HR501	HR502	HR503	HR504	HR505	HR506	HR507	HR508	HR509	HR510	HRS 001	HRS 002
Niobium (%)	3.0	3.2	3.1	3.1	3.3	3.2	3.4	3.2	3.3	3.4	3.1	2.9	9.1	10.1
Uranium (%)	11.5	9.2	10.6	10.0	11.2	10.5	11.1	11.7	11.9	11.3	12.7	12.6	13.5	14.0
Yttrium (%)	10.0	8.8	9.2	9.2	11.1	9.9	10.9	11.1	10.2	11.4	10.5	10.0	11.9	13.7
Tantalum (%)	13.4	13.9	14.7	13.5	14.7	14.0	14.3	14.2	14.0	14.9	14.5	12.3	20.9	23.0
Dysprosium (%)	1.4	1.2	1.2	1.2	1.5	1.3	1.5	1.5	0.1	1.5	1.5	1.5	1.5	1.6
Terbium (%)	0.19	0.16	0.17	0.17	0.21	0.19	0.22	0.18	0.18	0.21	0.19	0.19	0.20	0.22

HARTS RANGE – AIRBORNE GEOPHYSICS



RADIOMETRIC TARGETS

- Processing of radiometric data by Southern Geoscience Consultants
- Enhanced radiometric imagery validates uranium signatures for known mineralised pegmatites (at Cusp and Bobs) as discrete anomalies
- Uranium is a critical pathfinder element for high value Heavy Rare Earths mineralisation, highlighting the material exploration potential within the tenure



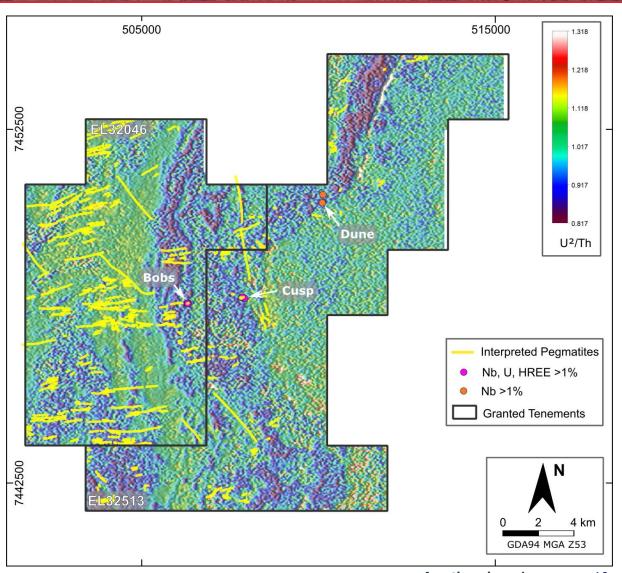
HARTS RANGE – AIRBORNE GEOPHYSICS



NUMEROUS REGIONAL TARGETS FOR FOLLOW UP

- Enhanced radiometric imagery lighting up numerous discrete uranium anomalies across the entire Harts Range Project
- Overlaying the discrete uranium anomalies with interpreted pegmatites¹⁵ has identified numerous targets for ground truthing and follow up during the upcoming field season
- The NFM geology team will utilise the fully integrated geophysical and geological datasets to identify targets and ground truth and prioritise key areas for drilling
- Upcoming field season to commence during Q2, 2025

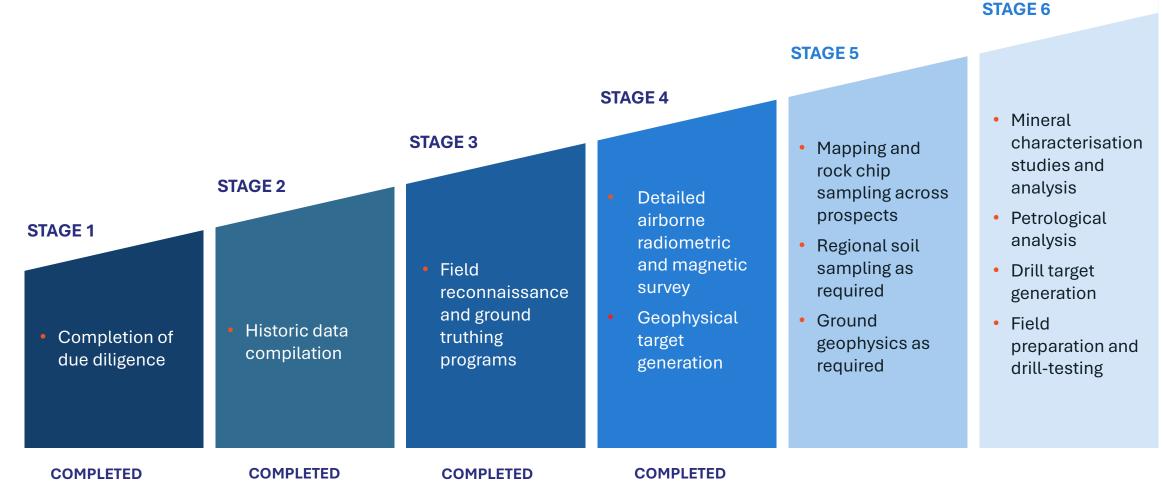
Numerous uranium anomalies identified at Harts Range Source: (Reference 14)



HARTS RANGE PROJECT - COMPREHENSIVE EXPLORATION PLAN



NFM UNDERTAKING A SYSTEMATIC EXPLORATION APPROACH



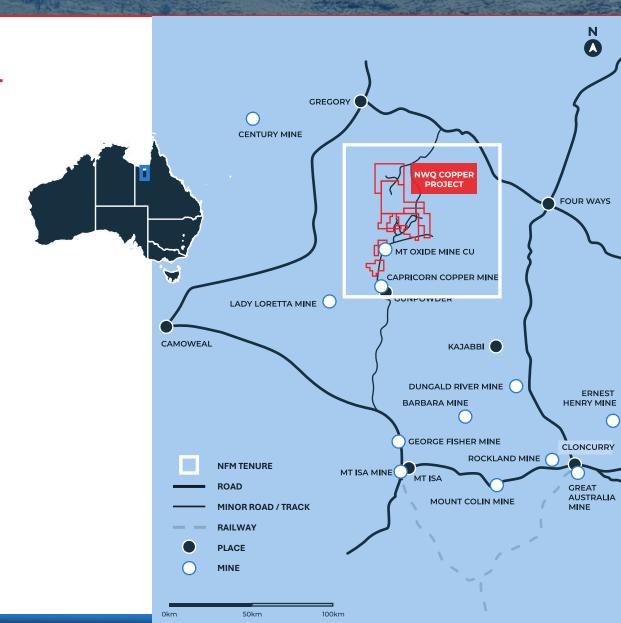


NWQ COPPER PROJECT – MT ISA COPPER BELT, QUEENSLAND



SIGNIFICANT RESOURCE IN THE MT ISA COPPER BELT

- The Big One Deposit is the most advanced prospect with a JORC compliant inferred Mineral Resource Estimate 2.1Mt @ 1.1% Cu for 21,886t copper metal³
- Located in Tier 1 region the Beverly Hills of Copper districts the NWQ Copper Project is proximal to operating/historical mines owned by global blue-chips including Anglo American, Glencore and Rio Tinto³
- **Significant land package** (circa 977km²), with under-explored targets that are highly prospective for copper mineralisation which underscore the exploration potential³
- Excellent infrastructure and access to nearby copper processing facilities⁴

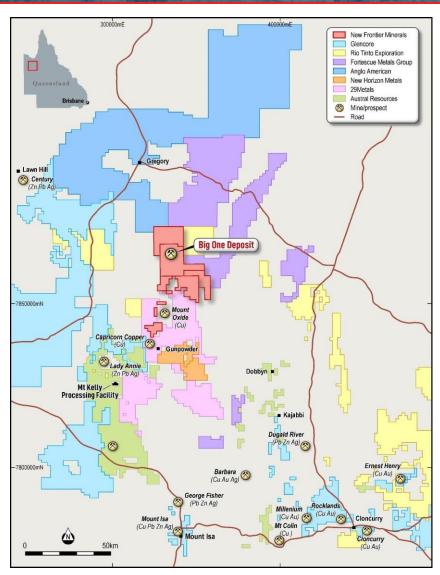


HIGHLY PROSPECTIVE COPPER PROVINCE

HIGHLY PROSPECTIVE AND PROVEN COPPER MINING PROVINCE (MT ISA)

- NFM holds a significant landholding in Australia's premier Copper Province and tier one mining jurisdiction (Mt Isa Copper Belt)
- Strategically positioned and surrounded by world-class mining projects and highly credible and active peer group including Anglo American, Glencore, Rio Tinto and FMG³
- Over 20 under-explored targets that are highly prospective for copper mineralisation which underscore the exploration potential³

The NWQ Copper Project has successfully advanced to align with a strategic partner Austral Resources (ASX:AR1)⁴



Mt Isa Copperbelt – Major Players (Source: NFM geology team)

SIGNIFICANT RESOURCE IN THE MI ISA COPPERBELT, QUEENSLAND

- The Big One Deposit is the most advanced prospect with a JORC compliant inferred Mineral Resource Estimate 2.1Mt @ 1.1% Cu for 21,886t copper metal³
- Located in Tier 1
 jurisdiction, the NWQ
 Copper Project is proximal
 to operating/historical
 mines

STRATEGIC ALLIANCE AND PATHWAY TO PRODUCTION





A Memorandum of Understanding with AR1 has been executed to formalise a strategic alliance leveraging the two groups Mt Isa copper belt assets⁴

PATHWAY TO PRODUCTION

- Clear pathway to production for copper ore from the NWQ Copper Project, with AR1's processing facility at Mt Kelly⁴
- Primary objective is to provide copper ore from the Big One Deposit (MRE: 2.1Mt @ 1.1% Cu)³ and potentially expanding this to other satellite prospects within the NWQ Copper Project
- The combined footprint, complemented by AR1's copper processing plant, provides a compelling integrated scalable asset base that delivers significant exploration and mining potential⁴
- Win-win alliance providing NFM impetus to expedite developing the NWQ Copper Project with a clear path to production, while AR1 secures a new source of copper ore to process⁴



Mount Kelly Copper Processing Facility (Source: Austral Resources)

CORPORATE OVERVIEW - CAPITAL STRUCTURE & MANAGEMENT



NFM

ASX / LSE

\$0.017/£0.009

SHARE PRICE^{12,13} 7 Mar 2025

A\$25m/£13m

MARKET CAP

\$1.57m/£0.8m

CASH (bonds and shares) 31 Dec 2024

\$0

DEBT

New Frontier Minerals is dual listed on the Australian Stock Exchange and London Stock Exchange under the ticker "NFM"

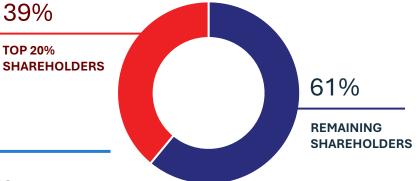
1,454m

SHARES ON ISSUE

61%

39%

REMAINING SHAREHOLDERS **TOP 20% SHAREHOLDERS**





GERRARD HALL - Chairperson

A finance professional with 20+ years at top banks, including JP Morgan and UBS, specialises in proprietary trading, derivatives, and asset management. Ged holds an MBA and MSc in Financial Management



JOEL LOGAN - Non-Executive Director

Joel is a seasoned geologist with experience working on major projects at BHP and Azure Minerals. With degrees from the University of Adelaide and Curtin University, he combines technical acumen with a keen focus on the corporate and economic aspects of mining.



Eduardo Robaina – Non-Executive Director

Accomplished Managing Director and Engineering Consultant with an executive and technical skillset. Eduardo holds a Bachelor of Science (Mechanical Engineering) from Metropolitan University in Venezuela.



Dale Hanna - Company Secretary

20+ years' experience as CFO, Company Secretary, and in corporate advisory. His proficiency extends to ASX-listed mining companies. Dale is a Chartered Accountant & Secretary, holding a Bachelor's from Curtin University. He maintains active memberships with the Institute of Chartered Accountants and the Governance Institute of Australia.

INVESTMENT SUMMARY





Uranium & high value critical metals

Promising macro-outlook for uranium, critical minerals as the push for energy transition and decarbonisation gains momentum

Copper is emerging over the medium term, particularly from stable regions like Australia



Unique geology with high prospectivity

Highly prospective for uranium, niobium, and heavy rare earths which delivers significant exploration potential

Standout historical rock chip assays^{1,2} returning grades up to 29.80% Nb2O5, 14.04% U3O8, 1.63% Dy2O3, 0.22% Tb4O7 and 23.02% Ta205



Situated within a Tier 1 mining jurisdiction

The Northern Territory and Oueensland are World Class (Tier 1) proven exploration and mining jurisdiction

Granted tenements with excellent project access, essential infrastructure and established mining community



Pathway to production delivering shareholder value

Strategic alliance with development partner AR1 to process ore from the the NWQ Copper Project

Big One Deposit which has an inferred MRE - 2.1Mt @ 1.1% Cu for 21,886t copper metal³



Experienced Team & systematic exploration approach

Highly experienced team with strong corporate and technical track record

Systematic exploration strategy mapped out to identify Uranium, Niobium & Heavy Rare Earths targets for drill-testing



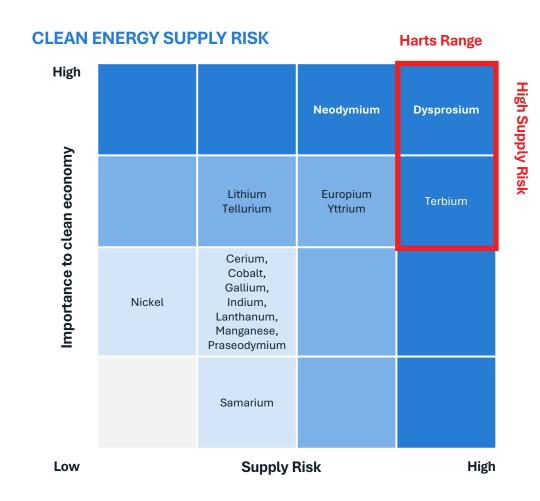


THE RISE OF HEAVY RARE EARTHS



CHINA-DOMINATED MARKET NOW SEEING **WESTERN EMERGENTS:**

- As reported by Reuters¹⁰, 'global supply chains for rare earths are realigning to diversify away from top producer China'
- The list of Australian companies exploring or developing heavy rare earth projects includes the likes of Lynas Rare Earths, Iluka Resources, Northern Minerals and Heavy Rare Earths Limited
- Iluka commenced the construction of what will become Australia's first-ever rare earths refinery; marking the Country's timely entry into the global market



RESOURCE TONNAGES – BIG ONE DEPOSIT



Ore Type	Inferred (Mt)	Indicated (Mt)	Measured (Mt)	Copper Grade (%)	Silver Grade (g/t)	Contained Copper (t)	Contained Silver (kg)
Oxidised	0	0.007	-	1.2	4.0	86	29
Oxidised	1.7	0	-	1.0	1.1	17,000	1,870
Fresh	0.4	0	0	1.2	1.4	4,800	560
	2.1	0.007	0			21,886	2,459
	Oxidised	Oxidised 0 Oxidised 1.7 Fresh 0.4	Oxidised 0 0.007 Oxidised 1.7 0 Fresh 0.4 0	Oxidised 0 0.007 - Oxidised 1.7 0 - Fresh 0.4 0 0	(Mt) (Mt) (Mt) Grade (%) Oxidised 0 0.007 - 1.2 Oxidised 1.7 0 - 1.0 Fresh 0.4 0 0 1.2	(Mt) (Mt) (Mt) Grade (%) (g/t) Oxidised 0 0.007 - 1.2 4.0 Oxidised 1.7 0 - 1.0 1.1 Fresh 0.4 0 0 1.2 1.4	(Mt) (Mt) (Mt) Grade (%) (g/t) Copper (t) Oxidised 0 0.007 - 1.2 4.0 86 Oxidised 1.7 0 - 1.0 1.1 17,000 Fresh 0.4 0 0 1.2 1.4 4,800

Notes: Cut-off grade 0.45% Cu. Source: Refer to ASX announcement dated 28 February 2022

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Certain information in this document refers to the intentions of New Frontier Minerals Ltd, but these are not intended to be forecasts, forward-looking statements or statements about future matters for the purposes of the Corporations Act or any other applicable law. The occurrence of events in the future are subject to risks, uncertainties and other factors that may cause New Frontier Minerals Ltd's actual results, performance or achievements to differ from those referred to in this announcement. Accordingly, New Frontier Minerals Ltd, its directors, officers, employees, and agents do not give any assurance or guarantee that the occurrence of the events referred to in this announcement will actually occur as contemplated.

Competent Persons Statement

The information in this presentation that relates to Exploration Results, Exploration Targets and Mineral Resources for the Harts Range Project and NWQ Project are based on a fair and accurate representation of the publicly available information at the time of compiling this report and is based on information and supporting documentation compiled by Mark Biggs. Mr Biggs is a director of ROM Resources, a company which is a shareholder of New Frontier Minerals Limited. ROM Resources provides ad hoc geological consultancy services to New Frontier Minerals Limited. Mr Biggs is a member of the Australian Institute of Mining and Metallurgy (member #107188) and has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, and Mineral Resources. Mr Biggs holds an AusIMM Online Course Certificate in 2012 JORC Code Reporting. Mr Biggs also consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

The Report or excerpts referenced in this statement have been reviewed, ensuring that they are based on and accurately reflect, in both form and context, the supporting documentation relating to exploration results and any mineral resource estimates. The release of the Report and this statement has been consented to by the Directors of New Frontier Copper Limited.

ASX Listing Rule 5.23.2

New Frontier Minerals Ltd confirms that it is not aware of any new information or data that materially affects the information included in this market announcement and that all material assumptions and technical parameters underpinning the estimates in this market announcement continue to apply and have not materially changed.

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