



Investor Presentation – Yinnietharra Lithium Project Acquisition

Exploring for critical minerals in Western Australia and the Northern Territory

September 2023

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Competent Person Statement

Mr Bill Oliver, a Director of the Company, is a Member of The Australasian Institute of Geoscientists and the Australasian Institute of Mining and Metallurgy and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the 2012 Edition of the JORC 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Oliver consents to the inclusion in the report of the information in the form and context in which it appears. The Exploration Results are based on standard industry practices for drilling, logging, sampling, assay methods including quality assurance and quality control measures as detailed in the ASX Announcements stated in the text and in the Independent Geologist's Report contained within the Prospectus released to the ASX on 11th October 2022.

Corporate Snapshot



Bubalus has been established with a strong Board and management team with the skills and experience required to create value for shareholders.

Capital Structure

Capital Structure (Pre -Transaction)	
ASX Code	ASX: BUS
Share price 15/09/23	\$0.145
Total shares on issue	33,661,750
Total options on issue (subject to escrow period)	12,561,750
Market Capitalisation (undiluted)	\$4.88m
Cash approximate	\$3.8m
Enterprise value (EV)	\$1.08m
Top 20 shareholders	51.53%
Escrowed securities	5,190,575

Board and Management



Alec Pismiris - Executive Chairman

Mr Pismiris has over 30 years of experience in the securities, finance and mining industries. Mr Pismiris completed a Bachelor of Commerce degree at UWA, is a member of the Australian Institute of Company Directors and a fellow of The Governance Institute of Australia. Other current directorships include Agrimin Limited, Sunshine Gold Limited, The Market Herald Limited and Pacton Gold Inc (TSX-V).



Bill Oliver - Non Executive Director

Mr Oliver is a geologist with over 20 years of experience in the resources industry. Mr Oliver has served as director of a number of ASX listed companies and is familiar with the requirements of the ASX Listing Rules and the JORC Code. He's a member of the AusIMM and the Australian Institute of Geoscientists and holds an honours degree in Geology from UWA, as well as a post-graduate diploma in finance and investment from FINSIA.



Scott Deakin - Non Executive Director

Mr Deakin has over 12 years' experience working in the exploration and resources sector. He's a director of Mining People International, specialising in technical and executive mining search. Mr Deakin holds a commerce degree from Curtin University, a Grad Dip in Mineral Exploration and Geoscience through Curtin University's WASM where he's also presently completing his Masters in Mineral Economics. Additionally, he's a Graduate of the Australian Institute of Company Directors.



Melanie Ross - CFO and Company Secretary

Ms. Ross is an accounting and corporate governance professional with over 20 years' experience in financial accounting and analysis, audit, business and corporate advisory in Australia.



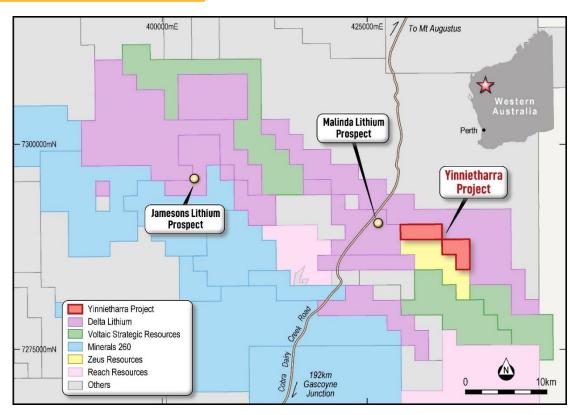
INYATI Substantial Shareholders – Inyati Fund Ltd 8.82%

Transformational Acquisition – Yinnietharra Lithium Project



Bubalus acquires highly prospective Yinnietharra Lithium Project, in Western Australia's emerging Gascoyne region – 2km's from Delta Lithium's Malinda Project

- Located <2km's from Delta's Malinda Prospect, which is proven to host spodumene bearing pegmatites, with intercepts¹ of 43m @ 1.22% Li₂O and 55.6m @ Li₂O.
- Mineralisation at the Malinda Prospect is hosted in 6 pegmatite dykes which dip to the south and are open to the east, in the direction of Bubalus' Yinnietharra Lithium Project.
- No previous exploration for lithium has occurred across the Yinnietharra Project, which is located 2 3 kms away from the Thirty Three Supersuite source granite, in potential "goldilocks" zone
- Immediate plan to mobilise boots on the ground exploration team to undertake surface mapping of potential outcropping pegmatites and systematic soil sampling, to define targets for drill testing



¹ Refer ASX DLI announcements dated 27/02/23 and 8/05/23

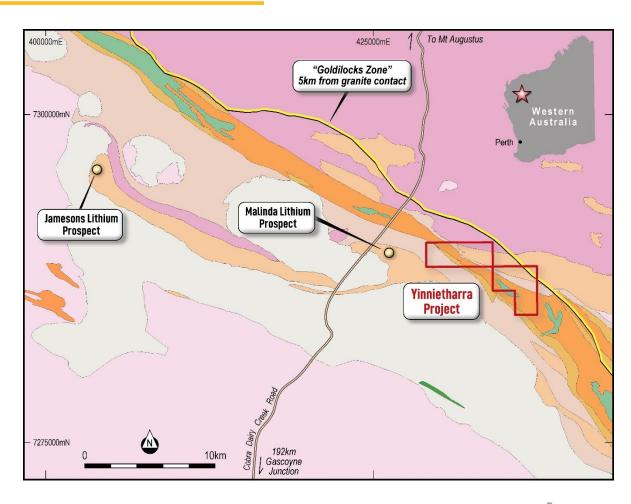
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Yinnietharra Lithium Project - Geology



The project sits within the "goldilocks" zone, 2-5km from the Thirty Three Supersuite Granite source.

- Spatially, the project is located within 2-3 kms from the Thirty Three Supersuite source granite, in potential "goldilocks" zone.
- Thirty Three Supersuite is series of granitic bodies, believed to be the source of lithium mineralisation in the Yinnietharra area.
- Project is underlain by metasedimentary rock packages, including the Leake Spring metamorphics.
- Importantly, within the Leake Spring Metamorphics is where spodumene bearing pegmatite dykes have been proven to occur in Peltic schists.



5

Yinnietharra Lithium Project – Initial steps and transaction summary



Active on ground exploration gearing up to commence within weeks

- Only cursory field reconnaissance has previously been undertaken, with no prior lithium focused exploration completed.
- Immediate plan to mobilise boots on the ground exploration team to undertake surface mapping of potential outcropping pegmatites and systematic soil sampling, to define targets for drill testing.
- Engage with appointed representatives of the Wajarri Yamati, the Aboriginal traditional owners of the area underlying the Yinnietharra Project, to obtain relevant approval required for drilling.
- Activities to run parallel and complementary to projects in the Northern Territory.
- Bubalus remains well funded to execute active exploration campaigns.

Transaction summary – scrip dominant

- Strategic and complementary acquisition of Hardy Resources Pty Ltd, which expands on the company's strategy to make significant critical minerals discoveries.
- Attractive, scrip dominant consideration.
- Bubalus remains well capitalised to spend funds in the ground.

Transaction Summary:	
Cash consideration:	\$75,000
Vendor Shares	2,350,000
Consideration shares	352,500

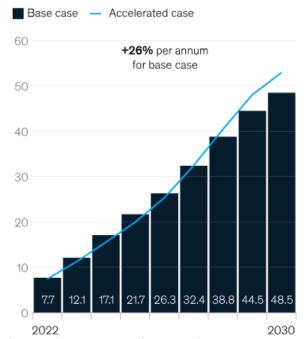
Lithium Market Dynamics



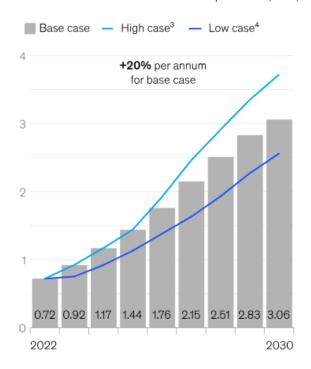
Lithium market dynamics well publicized, with demand set outpace supply until 2030

Electric-vehicle production is growing 26 percent annually, resulting in lithium demand growth of 20 percent per annum.

Projected battery-electric-vehicle (BEV) production by scenario, million units



Projected refined lithium demand by scenario,² million tons of lithium carbonate equivalent (LCE)



Source: https://www.mckinsey.com/industries/metals-and-mining/our-insights/australias-potential-in-the-lithium-market

Upcoming Newsflow - Field exploration & drilling timelines



Active high impact exploration and drilling planned across project portfolio in 2023/2024

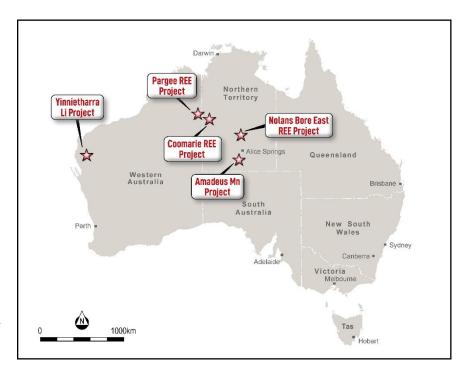
BUBALUE RESOURCES LIMIT	Q4 CY2023 Q1 CY2024	Q2 CY2024 Q3 CY2024
Yinnietharra Lithium	Soils Drilling Assay samples, review results	Follow up Drilling
Nolans East REE	Drilling Assay samples, review results	Follow up exploration
Coomarie REE	Approvals & Logistics	Ground mapping, geochemistry & geophysics
Amadeus Manganese	Surface Refine drill targets sampling	Drilling Review
Amadeus Cu-Co-Zn	Desktop Targetting Geophysics surveys	Ground mapping & Drilling geochemistry

Broader Project Portfolio



Significant portfolio of rare earths and battery metals projects across highly prospective, underexplored mining regions across Australia.

- Significant landholding of 1,528km² in the Northern Territory, underexplored for it's rare earth and lithium potential covering two major projects at the *Nolans East Project* (*Light REE*'s) and *Coomarie Project* (*Heavy REE*'s).
- First mover advantage identifying large areas of prospective geology analogous to major rare earth deposits Brown's Range (ASX.NTU ~AUD \$320m market capitalisation) and Nolan's Bore (ASX.ARU ~ AUD \$1.26b market capitalisation)
- Pargee Project (Heavy REEs) located 30kms from PWV Resources' (ASX:PVW) Watts Rise heavy rare earths discovery.
- 5,435km² prospective for manganese at the Amadeus
 Project (Mn) 125km south of Alice Springs
- Underexplored provinces, with opportunity to apply modern and systematic exploration techniques to deliver new discoveries.



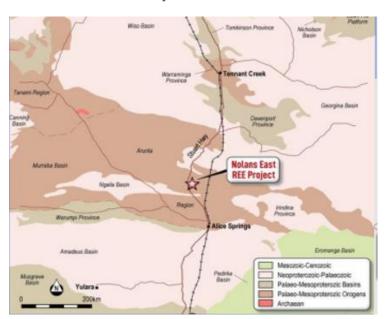
Nolan's East Project – Rare Earths



The Nolans East Project is prospective for light rare earths and is located only 15kms east of \$1.26b market capitalised Arafura's (ASX.ARU) 56Mt 2.6% TREO Light Rare Earth deposit

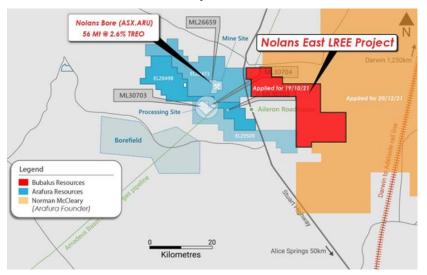
Bubalus' first mover advantage adjacent to Nolans Bore

- Project covers 380km² of the Arunta Province, analogous to Nolan's Bore LREE deposit.
- Excellent project access along the Stuart Highway in the Northern Territory.



Region heating up, underpinned by Hancock Prospecting's \$60m support of Arafura's development ambitions

- Arafura Resources progressing towards construction and development of the Nolans Bore Mine supported via recent \$60m cornerstone investment by Hancock Prospecting¹.
- Pegging rush by explorers, including Arafura's founding director Norman McCleary.



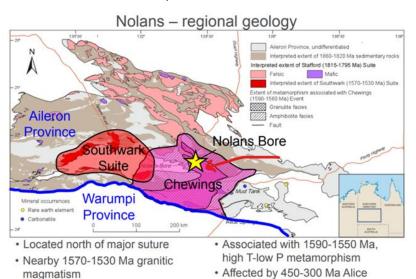
Nolan's East Project - Rare Earths



Right structural and geological "plumbing" provides key conduit to the formation of large scale REE deposits

Fertile geochronology and stratigraphic settings

On a regional scale, within a 250km radius, the Nolans Bore deposit and other REE occurrences are spatially and structurally associated with a series of tin and tantalum pegmatites, and REE-bearing carbonatite/alkaline complexes.

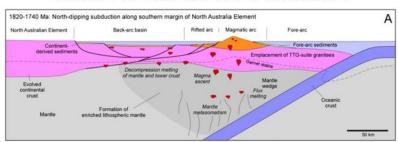


Springs Orogeny

Structural faults into the unconformity are prime hosts of mineralisation

 Geological processes leading to formation of Nolans Bore began with north-dipping subduction along the south margin of the Aileron Province resulting in alkaline lowdegree partial melts.

Nolans mineral system – formation of metal source and architecture



- · Nolans Bore located ~150 km north of southern margin of Aileron Province
- This margin interpreted as site of north dipping subduction from 1820 to 1740 Ma (CAT granite suite (Zhao and McCuloch, 1995); VHMS deposits)
- Convergence and associated subduction enriched mantle and produced back-arc basin → metal source and architecture used during ~1550-1520 Ma Nolans event (and later Teapot (1130 Ma) and Mud Tank (730 Ma) alkaline events)
- · Cratonised during Strangway (1740-1690 Ma) and Leibig (1640-1635 Ma) Orogenies

Source: Huston, D.L. et al (2017). The Nolans REE Deposit: a mineral systems perspective. NTGS Annual Geoscience Exploration Seminar 2017.

Nolan's East Project - Rare Earths

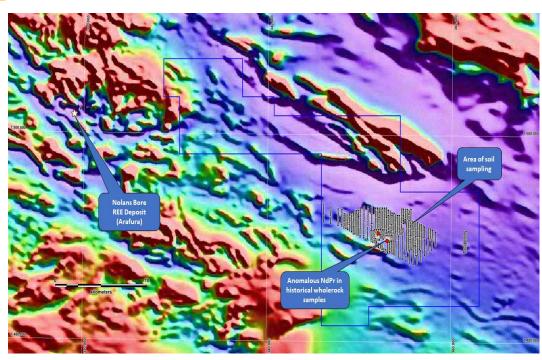


Encouraging geochemical and geophysical results with correlations to Nolans Bore REE deposit deliver potential drilling targets

Prospective geological architecture acts as prime host to unconformity REE deposits

Surface soil sampling results over TMI Magnetics anomalies displays strong correlation to Nolans Bore

- The project area is underexplored for it's hydrothermal stockwork vein-style Light Rare Earths (LREEs) potential, in particular minerals neodymium, and praseodymium associated with these types of rare earthsphosphate-uranium-thorium (REE-P-U-Th) deposits such as Nolans Bore.
- Initial low impact soil sampling program has successfully identified anomalous rare earth element (REE) content at surface¹
- Surface samples contain similar NdPr content comparable to Nolans Bore deposit.



Soil Sampling at the Nolans East Project over magnetics (TMI – NTGS data)1.

¹ Refer ASX BUS announcements dated 24th January 2023 and July 23rd 2023.

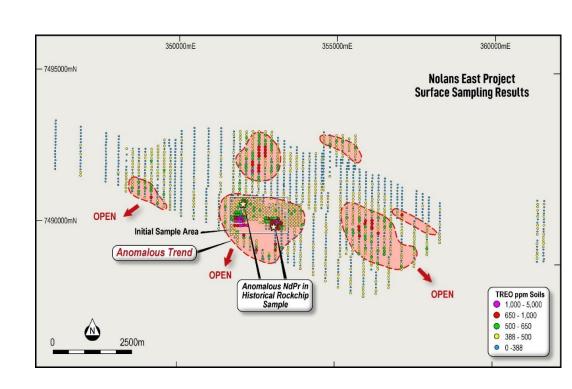
ASX: BUS

Nolan's East – Encouraging early soil sampling results, elevating project ranking



Soil sampling program successfully identifies anomalous rare earth element content, comparable with adjacent Arafura Resources

- Nolans East Project area is over 90% covered with shallow sand cover and limited outcrop¹.
- The project area is underexplored for it's hydrothermal stockwork vein-style Light Rare Earths (LREEs) potential, in particular minerals neodymium, and praseodymium associated with these types of rare earthsphosphate-uranium-thorium (REE-P-U-Th) deposits such as Nolans Bore.
- Soil sampling has defined anomalous trends that warrant drilling.
- Visual field mapping indicates in situ anomalism, possibly from proximal source.
- Additional soil sampling data being reviewed by highly regarded consultant Steve Sudgen for refinement of potential drilling targets for Q4 CY2023.



Results from surface sampling at Nolans East Project.1

ASX: BUS

Refer Independent Geologists Report, ASX Announcement 11 October 2022 and July 23rd 2023

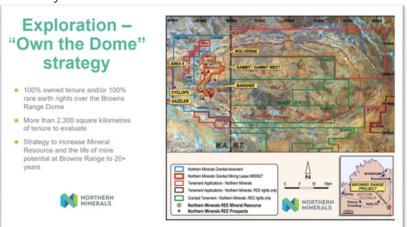
Coomarie Project – Rare Earths



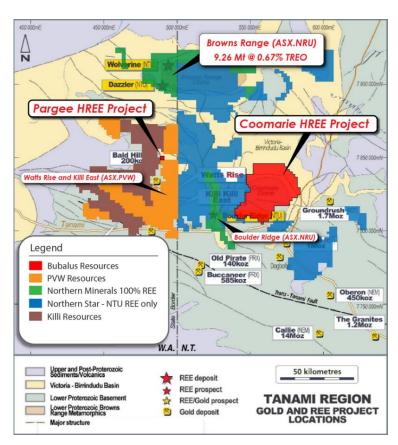
Exploring for another Browns Range – "Own the Dome" Strategy

Coomarie analogous to NTU Browns Range

- The Coomarie Dome project presents as a geological analogue to Browns Dome, host to NTU's Browns Range REE deposit.
- Footprint expanded, with new applications made over contiguous tenure
- The Pargee project is prospective for heavy rare earths and located adjacent to PWV Resources, 30kms from their Watts Rise HREE discovery.



Coomarie & Pargee Project Location



14

Source: Northern Minerals ASX investor presentation 9/06/22

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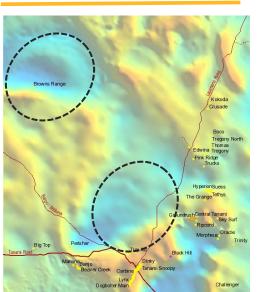
Coomarie Project – Rare Earths



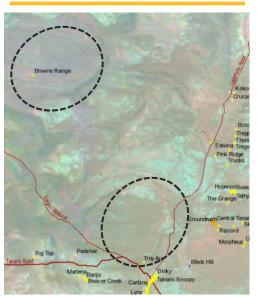
Large granitoid intrusive known as Coomarie Dome presents an opportunity to pursue the same "own the dome" strategy as Northern Minerals – Browns Range Project.

- Northern Minerals (NTU) Browns Range mineralisation hosted on margins of granite dome intrusive where the unconformity between Gardiner Sandstone and Browns Range Metamorphics exist.
- Whole rock grab samples highlight anomalous NdPr Values on periphery of Coomarie Dome intrusive complex, without any follow up exploration having been undertaken.

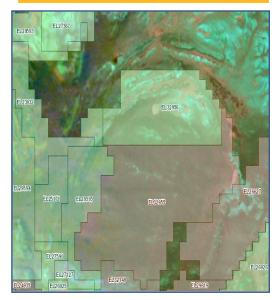
Similar structural dome setting



Radiometric signature similarities



EL32956 straddling domal margin of interest



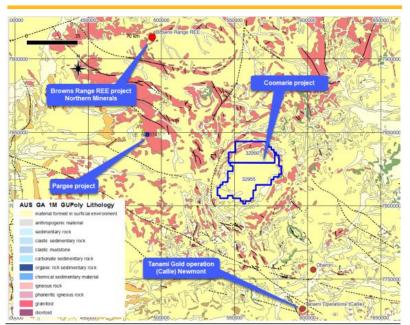
Source: Independent Geologists Report, ASX Announcement 11 October 2022

Coomarie Project – Rare Earths



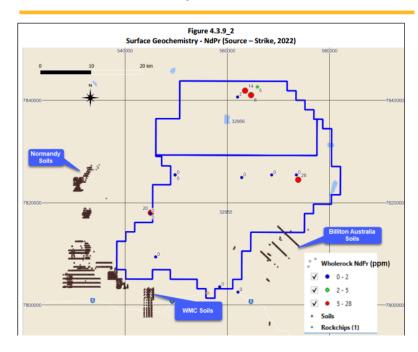
- Desktop targeting by Southern Geoscience Consultants has identified a number of structures which cross cut the domal contact and present priority target areas for initial on the ground exploration activities.
- Exploration upside abundant, with limited systematic or modern exploration techniques previously applied. Sporadic
 geochemical soil sampling was constrained to the southern flank of the Coomarie Dome, with four anomalous NdPr grab
 samples on the north-eastern flank never followed up.
- Land access and approvals processes underway.

Pargee and Coomarie projects proximal to major resources in region



Source: Independent Geologists Report, ASX Announcement 11 October 2022

Surface grab samples and geochemistry highlighting anomalous NdPr samples never drill tested



Pargee Project - Rare Earths

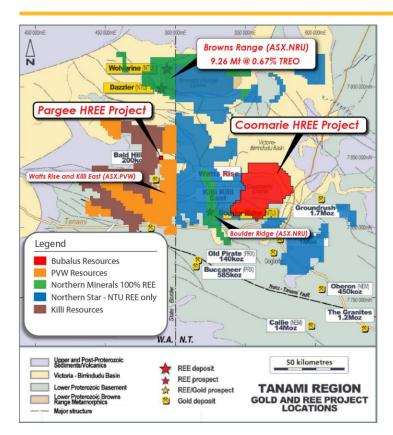


1.8kms of Killi Killi unconformity striking through Pargee Project, host of ASX: PVW's recent REE discovery.

Highly prospective geological setting to host unconformity-related REE deposits

- The contact between the Pargee Sandstone and the Killi Killi Formation is a regional-scale unconformity considered prospective for hydrothermal unconformity-related REE mineralisation
- This important geological unconformity has been mapped by the GSWA to extend for 1.8km through the Pargee project.
- Exploration programs will target faults and structures that transect this regional unconformity that may have potentially acted as conduits for mineralised fluids.

Major discoveries proximal to Pargee Project



Rare Earths Supply Chain Dynamics



Geopolitical tensions have highlighted the critical need to secure supply ex China

Heightened demand and tailwinds for REE's

- Concerted global push to create a rare earths supply chain outside of China, with strong committed investment globally
- Inflation Reduction Act over US \$500b in funding and incentives to boost clean energy^{1.}
- US Energy and Climate bill recently passed, set to underpin demand.
- Former President Donald Trump's EO singled out the US's undue reliance on China for multiple critical minerals.
- The US currently imports 80 per cent of its rare earth elements directly from China.
- Importantly, the EO supports Policy to build resilient critical mineral supply chains in the US and with strong allies.

Rare Earths Supply and Uses

World supply dynamics				
Country	2020 production (thousand tonnes rare earth oxides)	Share of world	Aus 4 th largest	tralia 3.4% of
hina	140	57%	producer of rare earths	the world's rare earth
IS	38	15%		resources
lyanmar	30	12%		4
ustralia	23	9%		
Rest of world	18	7%		
29%	20%	14%	8%	29%
				0-0
Ú				
Magnets	Catalysts	Polishing	Batteries	O O O Others

Source1:https://www.mckinsey.com/industries/public-sector/our-insights/the-inflation-reduction-act-heres-whats-in-it

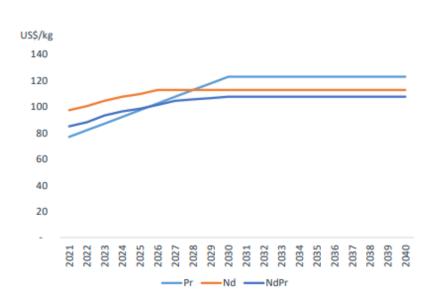
Source: https://www.industry.gov.au/sites/default/files/2021-06/outlook for selected critical minerals in australia 2021 report.pdfx

Light and Heavy REE Pricing Forecasts



Demand placing upward pressure on sustained pricing forecasts, with global push for carbon neutrality underpinning demand

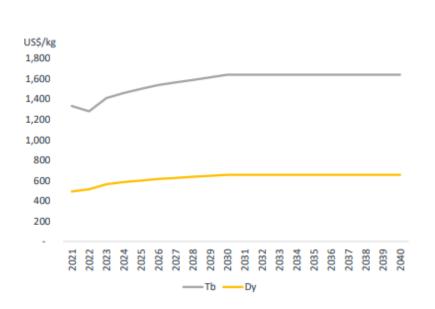
Light Rare Earths Forecast Pricing



Notes: Prices shown are US\$/kg real 2021 incl VAT

Source: Adams Intelligence September 2021

Heavy Rare Earths Forecast Pricing



Amadeus Project - Manganese



Commanding land package with 150kms of strike containing outcropping high grade manganese occurrences

Historic work identified 11 manganese occurrences, along with cobalt and Ni-Zn-Cu also identified

300000mE 400000mE Boggy Hole O Orange Creek **Amadeus Project** Rio Tinto Zn Prospect (1997) - 7300000mN Tardis Mn Prospect (USI Darlek Eas 150km Ethan Auton O Time Lord Area 2 Mn Darlek Mn Prospect (NM) Prospect (USI) O Chandler Rockchips Mn (ppm) Titra West O Area 1 Mn Prospect (NM) 7250000mN • <100 • 100-10.000 >10.000 Mn occurences · Stream sediments 50km A Soils

Figure 4.1.9_2
Surface Sampling data (Mn >1% highlighted as red dots) (Source – Strike, 2022)

- Substantial land package 125km south of Alice Springs along the Stuart Highway.
- Multiple access roads across tenements as well as airstrips and rail.
- Focus on manganese and, in particular, high purity manganese for the battery metals industry.

Source: Independent Geologists Report, ASX Announcement 11 October 2022

Amadeus Project - Manganese



Walk-up drill targets provides initial focus with reprocessing of historical data anticipated to yield further targets

Initial ground and geophysical work identifies new targets for drill testing

- Numerous occurrence of outcropping manganese mineralization exists and extensively mapped, although only Tardis project has been tested by drilling.
- Review of historical exploration has identified surface mineralization may not be coincident with peak gravity anomalies in the area.
- Reprocessing of gravity data has generated new targets for drilling, unassociated with manganese outcrop.
- Field reconnaissance program across Amadeus Project in late 2022 confirmed good access to the project areas and regional infrastructure to support drilling.
- Planning underway to commence drilling during Q4 CY2023, provided all relevant stakeholder's consent is received.
- Walk up targets include Dalek, Ethan, Ivan West along with new targets.

43.3% Mn outcrop at Cameron Prospect



Abundance of outcropping Mn at Dalek Prospect



Source: Independent Geologists Report

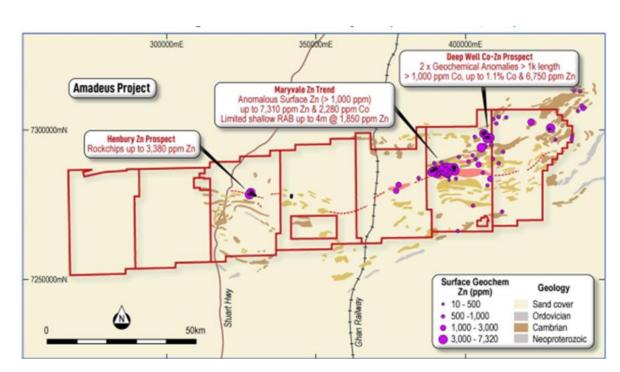
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Amadeus Project – Zinc, Nickel & Cobalt



Kalahari Copper Belt in the Northern Territory?

Rio Tinto Geochemisty sampling and RAB Drilling (1997)



Source: Independent Geologists Report, ASX Announcement 11 October 2022

Chance to apply modern geophysics

- Rio Tinto last explored the eastern portion in 1997, returning Cobalt grades up to 1.1% and 1,850ppm Zn in RAB Drilling.
- Competing allocation of major's exploration capital presents an opportunity?
- Limited follow up work conducted since 1997, with no modern geophysics applied.
- Modern Airborne Geophysics planned for Q4 CY2023 to assess base metals prospectivity and guide future drilling programs.

Investment Highlights



With the addition of the Yinnietharra Lithium Project, Bubalus is poised to capitalise on the growing global demand for critical minerals sourced from Tier 1 jurisdictions.

- Assembled a highly prospective portfolio of Lithium, Rare Earths and base metals projects located in Tier 1
 jurisdictions NT and WA
- NT host to some of Australia's most significant Rare Earth Elements resources, Arafura Resources ~ 1.26b market capitalisation (Nolans Bore) and Northern Minerals (Browns Range)
- Bubalus Resources' first mover advantage, securing analogous and favourable geological settings
- Actively undertaking systematic exploration, applying modern geophysical and geochemical techniques to make.
- Tight capital structure and low \$1.25m enterprise value (pre transaction) presenting compelling leverage to exploration success
- Active 2023 field and exploration drilling programs planned



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