

UNLOCKING THE NEXT RARE EARTHS DISCOVERY

July 2024



ASX: PVW

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PVW Resources ACN 124 541 466

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Compliance Statement

The information in this document that relates to REE exploration results is extracted from the ASX announcements dated 13 October 21 titled "Confirmation of high-grade Heavy Rare Earths at Tanami Project (100%), Western Australia", dated 18 November 21 titled "Tanami Rare Earths Project –

Exploration Update", dated 7 December 21 titled "Mineralogy confirms Heavy Rare Earths at Tanami are Xenotime" and dated 8 September 22 titled "Initial drilling confirms widespread heavy rare earth mineralisation at Tanami REE Project, WA" which are available to view on the Company's website (pwwresources.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that that all material assumptions and technical parameters in the relevant announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

Competent Person's Statement

The information in this document relating to gold exploration activities is based on information compiled by Mr Karl Weber, a professional geologist with over 25 years' experience in minerals geology including senior management, consulting, exploration, resource estimation, and development. Mr Weber completed a Bachelor of Science with Honours at Curtin University in 1994: is a member of the Australasian Institute of Mining and Metallurgy (Member No. 306422) and thus holds the relevant qualifications as Competent Person as defined in the JORC Code. Mr Weber is a full-time employee of PVW Resources. Mr Weber has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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 Weber consents to the inclusion in this document of the matters based on his information in the form and context in which it appears.

BOARD AND MANAGEMENT







GEORGE BAUKNON-EXECUTIVE CHAIRMAN

- An experienced executive/director with 30 years in the resources industry.
- Former MD/CEO of Northern Minerals 2010 to 2020. Responsible for the successful development of the Northern Minerals Browns Range REE Project.
- Global operational and corporate roles with Northern Minerals, WMC Resources and Western Metals
- George has a strong background in building companies, with a variety of commodities – in particular rare earths, graphite, lithium, gold, nickel and uranium.
- George is currently Executive Chairman of Thunderbird Resources, Non-Executive Director Lithium Australia, and Non-Executive Director Firetail Resources Ltd.



DAVID WHEELER

NON-EXECUTIVE DIRECTOR

- David has more than 30 years of Senior Executive Management, Directorships, and Corporate Advisory experience.
- He is a foundation Director and Partner of Pathways Corporate a boutique Corporate Advisory firm
- David has engaged in business projects in the USA, UK, Europe, NZ, China, Malaysia, Singapore and the Middle East.
- David is a Fellow of the Australian Institute of Company Directors
- Currently holding a number of Directorships and Advisory positions in Australian companies.



COLIN MCCAVANA
NON-EXECUTIVE DIRECTOR

- Colin has over 40 years' experience in the mining and resources sector and has extensive experience in exploration, project development, capital raising, financing, operations.
- He has had extensive involvement in rare earths and gold exploration and development including the successful development of several CIP and heap leach projects in WA.
- · Colin is also Chairman of Reward Minerals Limited.
- Colin was the founding director of Northern Minerals and PVW Resources and oversaw the development of the Browns Range REE Project.



JOE GRAZIANO COMPANY SECRETARY

- Joe has over 30 years' experience providing a wide range of business, financial and taxation advice.
- Over the past 7 years he has been focused on Corporate Advisory and strategic planning with Corporations and Private Businesses.
- He has extensive experience in Capital Raisings, ASX compliance and regulatory requirements.
- Joe is currently a director of Pathways Corporate
 Pty Ltd a specialised Corporate Advisory business
 and sits on several Boards of ASX Listed
 Companies.
- He also provides CFO and Company Secretarial services as part of his service offering.



ALISTAIR STEPHENS
CHIEF EXECUTIVE OFFICER

- Alistair is an industry-renowned specialist with 20 years' experience in rare earths and rare metals. He is a global leader in the rare earths industry having successfully defined two globally significant major rare earths resource deposits including associated metallurgical testwork, flowsheets and engineering designs.
- In a career spanning 35 years, it includes 15 years in mining operations (mining geology and mineral processing) for KCGM, Newmont, WMC Resources Ltd and explosives sales at Orica.
- Alistair brings extensive leadership skills in strategic planning, corporate governance, stakeholder communications, strategic planning, finance, personnel management, marketing and processing operations.



KARL WEBER
CONSULTANT EXPLORATION MANAGER

- Karl has over 25 years of experience within a diverse career in gold and base metal exploration within Australia and Internationally.
- He has held technical and management positions with Mines and Resources Australia (COGEMA), Harmony Gold, Venturex Resources (Brazil) and Gascoyne Resources.
- His roles include geologist, manager and country manager.
- He has held roles in many successful teams taking projects from discovery through resource definition to mining. Projects include White Foil and Frog's Leg.



ROBIN WILSON
CONSULTANT GEOLOGIST

- Robin has held senior exploration positions in several exploration and mining companies, including Polaris Metals, Tanganyika Gold, Troy Resources and CRA Exploration.
- Between 2006 and 2021 Robin led the Northern Minerals exploration team that discovered the Browns Range REE deposits that has produced HRE carbonate.
- He also spent 5 years working in oil and gas exploration for Woodside Energy.
- During nearly 30 years of involvement in mineral exploration, Robin has worked on rare earths, gold, nickel, REE, uranium, copper, lithium and phosphate projects throughout Australia and Africa.

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OVERVIEW OF THE PROPOSED TRANSACTION





Acquisition of Portfolio of tenements prospective for Ionic Clay Rare Earths in Brazil

Key terms and conditions and issues

- 1. PVW to acquire 100% Brazilian registered company Scanty Mineracao Ltda ("Scanty")
- 2. 11 Projects covering ~952km² in north, south, and west Brazil
- 3. All prospective for **Ionic Clay Rare Earths**
- 4. The Acquisition is subject to PVW due diligence and shareholder approval
 - PVW to pay \$650,000 in cash and 40,000,000 million FPOS (50% in escrow for 6 months)
 - 120,000,000 milestone-based performance rights issued
 - 1.5% NSR royalty to Scanty Vendors
- **5. Mr Luis Azevedo**, to be appointed to the PVW Board as Non-Executive Director following shareholder approval of the Acquisition
- 6. Ms Celeste Queiroz to be appointed as Country Manager to lead in country due diligence and exploration programs







Non-Executive Chair, George Bauk stated ...

"The PVW Board sees the acquisition of Brazilian REE projects as a key opportunity for global growth in the critical minerals sector. Subject to Shareholder approval of the acquisition, we look forward to appointing Luis Azevedo, an experienced Brazilian mining and legal expert, as a Non-Executive Director".







Chief Executive Officer, Alistair Stephens stated ...

"Brazil's supportive mining environment positions PVW well for project commercialization. Access to local professional talent to finalize due diligence and undertake exploration is a major advantage to project execution. Initial results from the Capao Bonito and Sguario Projects are promising and support Scanty's exploration strategy".

PROPOSED NEW BOARD AND TEAM MEMBERS







LUIS AZEVEDO NON-EXECUTIVE DIRECTOR

- Subject to Shareholder approval of the Acquisition Luis Azevedo will join PVW Resources' board.
- He holds both a BSc in Geology and a Law Degree, with extensive experience in the resource industry and specialization in the Brazilian Mining Code.
- Luis is a founding partner of FFA Legal Ltd, focusing on assisting natural resource companies. Previously he worked with major firms like Western Mining Corp. and Barrick Gold Corp., initiating and selling projects that became operational mines.
- Luis also co-founded Avanco Resources Ltd, leading its successful acquisition by Oz Minerals in 2018.
- He currently serves on the boards of Serabi Gold PLC, Harvest Minerals Ltd, and Jangada Mines PLC, and is actively involved in advocating for the Brazilian mining sector through associations and industry councils.



CELESTE QUEIROZCOUNTRY MANAGER, BRAZIL

- Celeste Queiroz is to be appointed as PVW Resources' Country Manager, Brazil, leveraging her extensive 28-year background in geological exploration and mineral resource assessment.
- With a BSc in Geology and a post-graduate degree in Geostatistics, she honed her skills at Vale S.A., where she advanced from field geologist to overseeing specialised teams in geology, QAQC, and mineral resource estimation.
- Celeste is dedicated to upholding international standards and best practices, serving on the Board of Directors at CBRR, being a member of AUSIMM since 2011 and is Risk Institute C31000 Certified.

OUR REE EXPERTISE

Our REE experts, who were involved in the discovery and development of Globally significant projects; Browns Range (WA), Nolans (NT) and Kangankunde (Malawi) REE deposits and led Northern Minerals from greenfields exploration to production

Ready, capable and willing to do it again.



18 YEARS REE MINE MAKER

George Bauk, former Northern Minerals MD/CEO, 2010–20 and led the transition to a producer of HRE carbonate.





18 YEARS REE RESOURCE FINDER

Robin Wilson, former Northern Minerals Exploration Manager, credited with discovery of Browns Range.



18 YEARS REE COMPANY BUILDER

Colin McCavana, founder and former Northern Minerals Chairman who oversaw the company's development.

feasibility studies.

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globally significant resource

inventories, developed flowsheets and managed

of Arafura Rare Earths Ltd and

Lindian Resources Ltd. Has built

OUR ESG CAPABILITY





Health, safety, and environmental standards

At PVW, we are committed to upholding the highest environmental, safety and health standards in all aspects of our operations. Our track record of consistently exceeding the expectations of both the communities within we work, and the regulatory bodies is a testament to the importance we place on protecting the environment and ensuring a sustainable future.

Social responsibility and community

PVW Resources have a track record with outstanding achievements in community relations. At PVW we are committed to early-stage consultation with our stakeholders, ensuring engagement and support for our work programs. The team has many successful examples of community engagement across many countries around the world.

SOCIALLY CONSCIOL **PVW Sustainability**

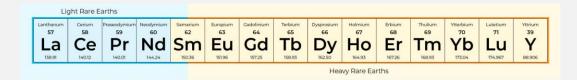
ESG is part of our DNA: it's how we do business.

RARE EARTHS ARE CRITICAL TO MANY INDUSTRIES





Our future depends on them















- Rare Earths are critical to green and clean energy technology
- ► For example, permanent magnets are a critical component in efficient electric motors:
 - ~15% more efficient than induction motors
 - 4–5 times cheaper than induction motors

- ► They play an important role in:
 - Renewable Energy
 - Defence
 - Glass and ceramics
 - Lighting
 - Medical equipment
 - Hydrogen storage fuel cells

RARE EARTHS ARE VITAL TO THE NEW WORLD



THE AUSTRALIAN*

Forrest's Fortescue to join rare earth race



Fortescue Future Industries chief executive Mark Hutchinson at the Fortescue Metals AGM, Picture: Matt Jelonek/AAP Imag

By NICK EVANS

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Fortescue Metals executive chairman Andrew Forrest has signalled the company hopes to open up a business mining and refining rare earths, as the iron ore giant looks to reshape its mining portfolio around metals needed for a global energy transition.

Speaking at Fortescue's annual shareholder meeting in Perth on Tuesday, Dr Forrest said the company had "kicked off a global stream of work in South America" aimed at securing access to critical minerals.

Dr Forrest did not give any details of Fortescue's plans to join Lynas and Iluka Resources in the race to produce rare earth metals, but suggested the company was looking for projects it could use as an integrated part of its push to deliver renewable energy generation and renewable hydrogen across the

Rare earths are used in a host of high technology applications, but are essential ingredients in the high intensity magnets needed to make wind turbines.

THE AUSTRALIAN*

Rare earths gateway to next mining boom



Federal Treasurer Jim Chalmers, Picture: Arsineh Houspian

By GEOFF CHAMBERS

chains of the future.





Jim Chalmers has outlined his vision for a foreign investment boom in critical mineral industries to seize the "opportunity of the century" and prevent Beijing from controlling the global tech supply

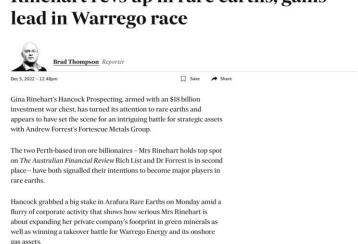
Speaking at The Australian-PwC critical minerals summit in Sydney on Friday, the Treasurer warned that Australia must be "clear-eyed about the fact that more and more critical minerals will become a locus of geo-economic competition".

Dr Chalmers says that countries must avoid the pitfalls of a concentrated global market.

China currently dominates the mining of rare earths, tech supply chains from start to finish and the processing of lithium, despite Australia being the world's largest producer of the mineral.

"In 2022, you don't need to look that far back or that far forward to appreciate the challenges and risks that such concentration can pose," Dr Chalmers said. "This kind of concentration creates supply chains that are especially vulnerable to disruption - with economic consequences that are farreaching and deeply-felt.

Rinehart revs up in rare earths, gains



New rare earths player begins trading with Ellison backing

lan 9, 2023 - 5,00am

Brad Thompson Reporter

Chris Ellison-backed VHM Limited says it is in talks with established rare earths players in Australia as it starts life as a public company and aims to become a globally significant supplier of the critical mineral from a mine in rural Victoria.

VHM will begin trading on the ASX on Monday with a market capitalisation of about \$265 million after raising \$30 million at a \$1.35 a share.

CORPORATE OVERVIEW: CURRENT





Shares on issue **102.2m**

Share Price* **2.5 cents** Market capitalisation* **\$2.5m**

Cash at bank* **\$1.8m**

Share price performance (ASX:PVW)



Top shareholders



*As at 24th July 2024

CORPORATE PRO-FORMA CAPITAL STRUCTURE





Shares on Issue	102,204,778
Placement Shares* @ A\$0.02	50,000,000
Vendor Shares	40,000,000
Total Shares on issue after transaction	192,204,778
Performance Rights on Offer	5,050,000
Performance Rights to Vendor	120,000,000
Total Securities	317,254,778
Net Cash A\$M	2.15

^{*}to be undertaken in two tranches. Tranche One under current placement capacity with the second placement requiring shareholder approval

PURCHASE TERMS



PVW Resources has agreed to acquire Scanty under specific terms outlined in the Purchase Agreement:

1. Key terms of Acquisition:

- PVW paid an exclusivity fee of \$50,000 upon executing the binding agreement.
- PVW will acquire 100% of Scanty, holder of 39 exploration licenses across 11 project areas in Brazil (collectively, the Brazil Projects).
- Consideration for the Sale Shares includes issuing 40,000,000 Consideration Shares (50% under a 6-month voluntary escrow) and 120,000,000 Performance Rights.
- PVW will also pay \$600,000 to reimburse expenses related to the Brazil Projects.
- Additional payment of \$1,500,000 is contingent upon satisfying Vesting Conditions.
- Scanty will enter into a royalty deed for a 1.5% net smelter return royalty with its Brazil-domiciled vendors.

2. Completion conditions:

- Completion of the Acquisition is subject to PVW's satisfaction with due diligence on the Brazil Projects.
- PVW must obtain necessary shareholder approvals under the Corporations Act and Listing Rules for issuing Consideration Shares and Performance Rights.
- PVW requires assurance from Scanty's representative that no debts will remain and all related party arrangements will be terminated by Completion.

3. Vesting conditions for Performance Rights:

- 60 million Performance Rights vest upon Scanty defining and reporting an Inferred Mineral Resource of at least 20 million tonnes at 1,000 ppm rare earth oxides within 36 months of Completion.
- Another 60 million Performance Rights vest upon Scanty completing and reporting a Scoping Study recommending a Pre-Feasibility Study within 48 months of Completion.
- These terms outline the financial and operational obligations for PVW Resources in acquiring Scanty and outline the milestones Scanty must achieve to unlock Performance Rights.

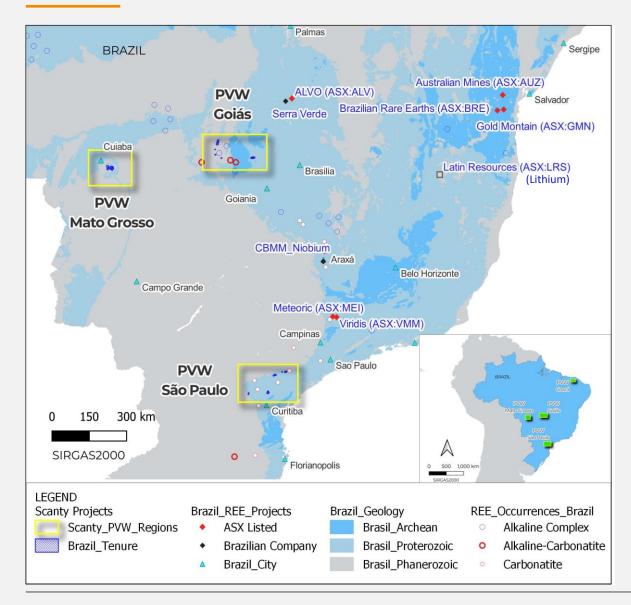
BRAZIL RARE EARTH PROJECT





CENTRAL AND SOUTHERN BRAZIL IN THE REE ZONE

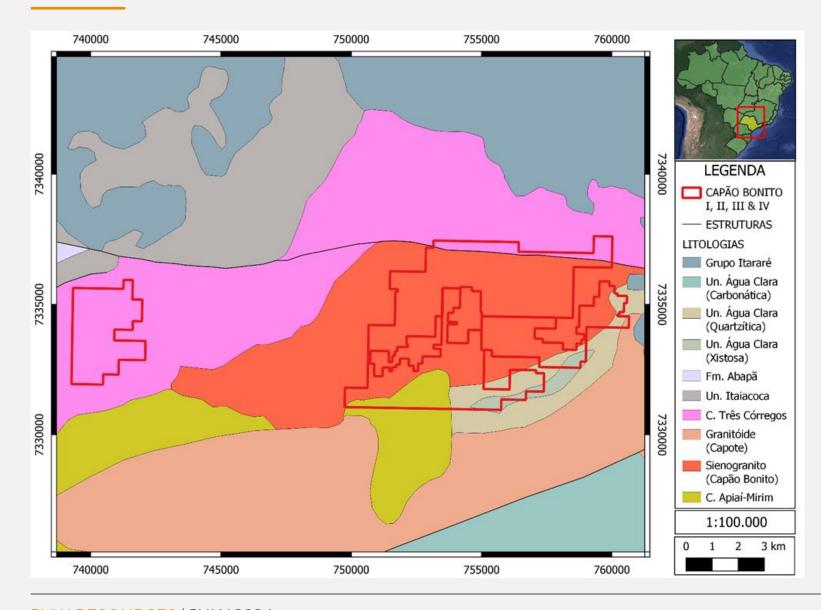




- Long history of Brazilian research, exploration and mining of Carbonatite and their related products. In-country expertise:
 - Detailed knowledge of carbonatite and Alkaline intrusive complex's.
 - Detailed knowledge of the regolith geochemistry related to these mineral systems.
 - Detailed knowledge of the REE associated with these mineral systems – not necessarily form an economic perspective.
- Exploration dominated by either large local producers (fertilisers, bauxite, ornamental stone) or small private parties, and not normally targeting REE mineralisation.
 - REE prospectivity had not been assessed regarding IAC potential.
 - REE occurrences predominantly used for research and academic purposes.
- These attributes provide an opportunity for PVW Resources.

MODERN EXPLORATION TO AID TARGETING



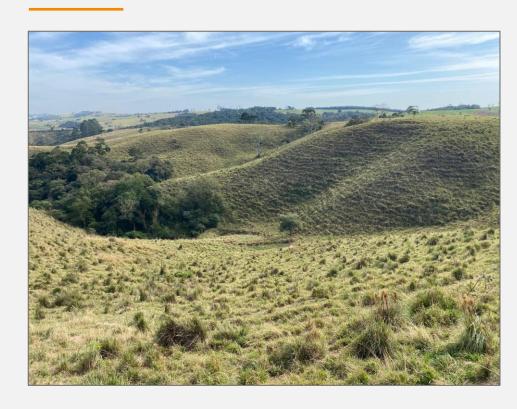


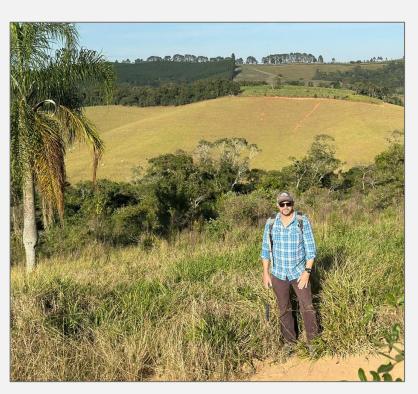
- Scanty Brazil, the Future Mining Team, in conjunction with GE21 consultants have done the research, the initial field work and targeting specifically for IAC REE mineralisation including:
 - Application of detailed knowledge of carbonatite and Alkaline intrusive complex's – area selection.
 - Regolith geochemistry related to IAC style REE mineral systems
 area prioritisation.
 - Application of outcomes from existing IAC REE projects to determine potential and project selection.
- Modern technology will be utilised to reprocess geophysics, assisting in target selection and prioritisation.

LANDFORMS - IMPORTANT FOR IAC PRESERVATION











- ▶ Geomorphology important consideration for area selection and target selection.
 - Moderate relief and well drained Capao Bonito, Sguario and Carambei are prime examples of the right landforms for preservation of the saprolite profile which can host IAC mineralisation.
 - Areas are easily accessible with small vehicles and can be quickly assessed.
- ▶ The existing land uses of predominantly agriculture, and timber plantation.
 - Pre-existing road network and disturbance minimising exploration / mining impact.

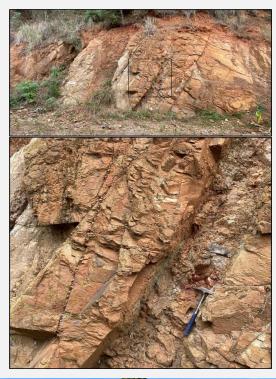
UNDEREXPLORED PROJECTS











Site visits confirm the weathering profile and saprolite components are as expected – thick and intense.



AUSTRALIA TANAMI RARE EARTH PROJECT



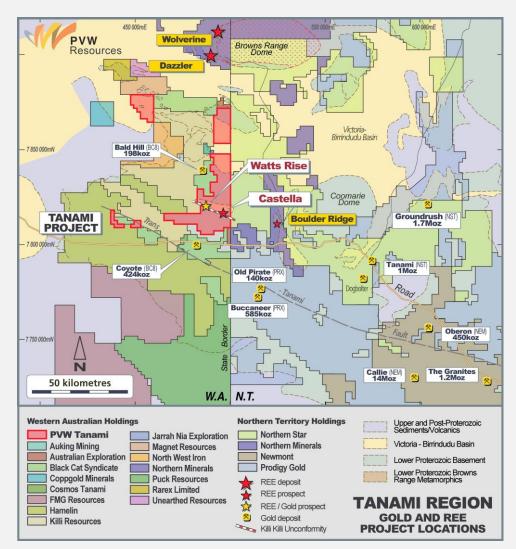
We acknowledge the Tjurabalan people, traditional custodians of the land on which the project is based giving respect to their Elders past and present.

We extend that respect to all Aboriginal and Torres Strait Islander peoples.

TANAMI – HEAVY RARE EARTHS IN WESTERN AUSTRALIA





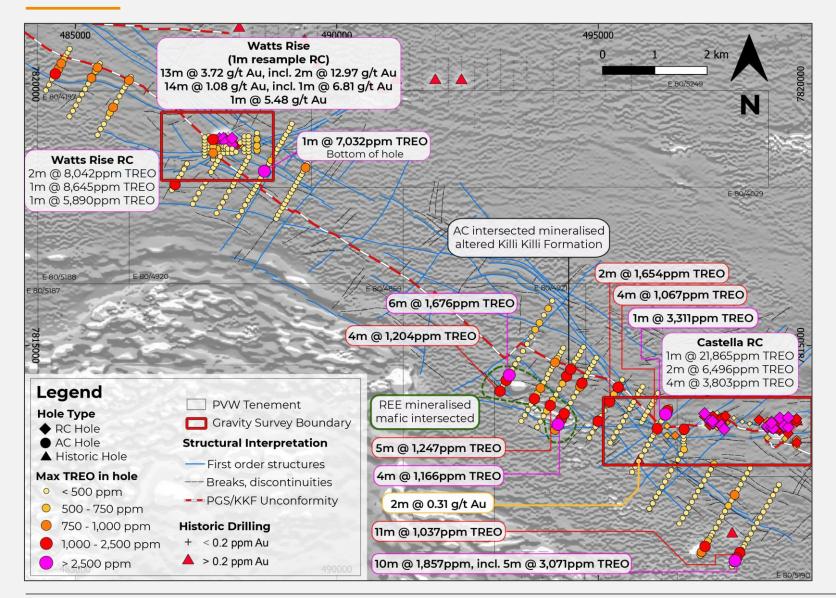


- ► ~1,220km2 project, majority with limited exploration.
- Systematic testing of key targets, only 60% of the highly prospective contact/unconformity explored.
- ► Located within 15km of the Tanami Road major upgrade underway, Coyote Deposit (ASX:BC8) camp and infrastructure, active airstrip at Balgo Community and Coyote, access from Northern Territory as well as Western Australia.
- ► Hydrothermal unconformity-related REE (HURREE) mineralisation identified at Watts Rise and Castella.
- Breccia targets require exploration drilling for HREE mineralisation.
- ► High grade gold 13m @ 3.72 g/t Au results require follow-up.
- Northern Minerals' Browns Range Project is 90km to the north.
- ILUKA Resources strategic partnership with Northern Minerals¹.
- ► Killi Resources entered into a JV with Gold Fields, Goldfields can earn up to 85% interest in the tenements, across two-stages by spending \$13 million on exploration activities within 7 years².

For detail on ILUKA Resources and Killi Resources announcements please refer to ¹ ASX:NTU Announcements 26 October 2022, NTU – Strategic Partnership with Iluka Resources. ² ASX:KLI Announcement 15/05/2024 \$13 Million JV with Gold Fields on West Tanami

EXPLORATION





Exploration for HURREE

Watts Rise and Castella RC drilling 10,727m.

Regional air-core drilling less than 12km of 18km prospective strike tested with 16,206m of shallow drilling.

Other exploration completed to inform exploration targeting:

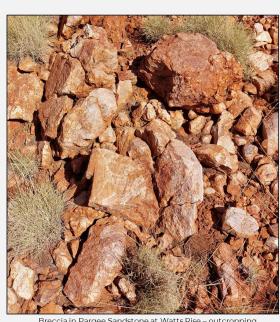
- Watts Rise and Castella ground gravity surveys.
- Geological mapping and Geochemistry review.
- ► REE and Gold targets defined

For detail on results please refer to ASX:PVW announcements;10 Feb 2023, Drilling results reinforce high-grade gold at the Tanami; 9 Feb 2023, Significant AC results up to 7,053ppm TREO, opens new areas; 24 Oct 2022, Assays Confirm Rare Earths and Gold Potential at Tanami; 8 Sep 2022, Tanami REE Drilling Campaign Produces Initial Results

RC DRILLING - POSITVE RESULTS AND NEW CONCEPTS







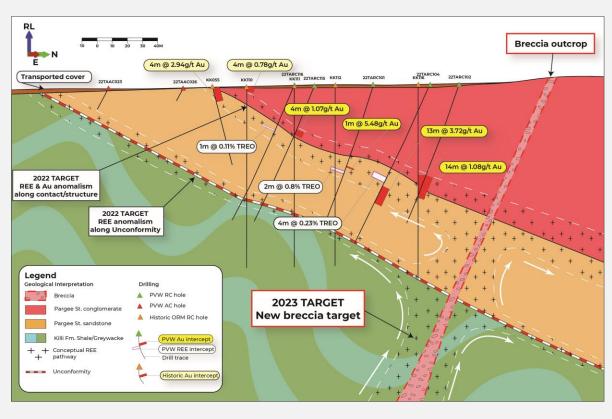
Breccia in Pargee Sandstone at Watts Rise – outcropping along a +1km long zone – not mineralised at surface – exploration target beneath Watts Rise mineralisation.



Breccia in Pargee Sandstone at Watts Rise



Drill core from Wolverine, Browns Range (ASX:NTU)



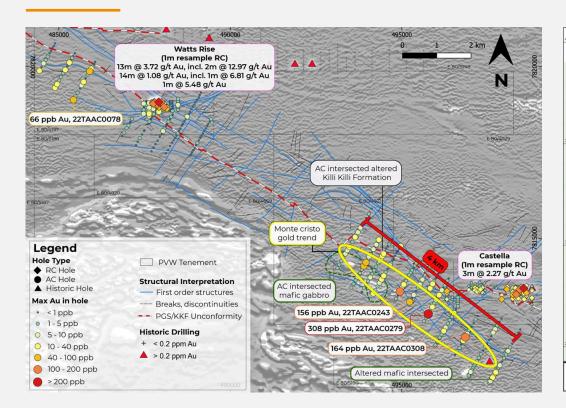
- ▶ RC drilling results at Watts Rise provided high grade gold in the same system as TREO results.
- ▶ Mapping located breccia zone, an untested target at depth where it interacts with Pargee St / Killi Fm.
- ▶ Relationship between breccia/REE/gold requires Diamond core drilling.
- ▶ The potential along strike remains untested.

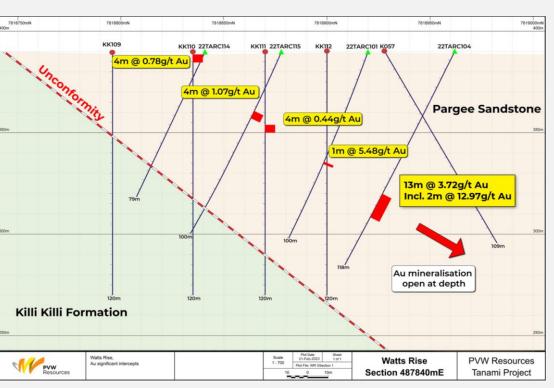
For detail on results please refer to ASX:PVW announcements; 10 Feb 2023, Drilling results reinforce high-grade gold at the Tanami; 29 Nov 2022 New Heavy Rare Earth Breccia Target Identified at Tanami

RC DRILLING - HIGH GRADE GOLD RESULTS









2022 RC drilling results

High Grade results. Open at depth and open along strike. Results include:

- 13m @ 3.72 g/t Au from 79m, incl. 2m @ 12.97 g/t Au from 79m, and incl. 1m @ 11.55 g/t Au from 83m
- 14m @ 1.08 g/t Au from 64m, incl. 1m @ 6.81 g/t Au from 76m
- **Im @ 5.48 g/t Au** from 59m

Multielement Geochemistry confirms gold mineralisation has a different metallogenic signature to the REE mineralisation.

For detail on results please refer to ASX:PVW announcement; 10 Feb 2023, Drilling results reinforce high-grade gold at the Tanami



THANK YOU



Scan here to join our mailing list

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