

KTA.ASX

MOVING TO POWER THE ELECTRIC FUTURE

Investor Presentation
November 2022



KRAKATOA
RESOURCES LTD.

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FORWARD LOOKING INFORMATION

This presentation may contain forward-looking statements that are subject to risk factors associated with gold exploration, mining and production businesses. Forward-looking statements are statements that are not historical facts. Words such as “expect(s)”, “feel(s)”, “believe(s)”, “will”, “may”, “anticipate(s)” and similar expressions are intended to identify forward-looking statements. It is believed that expectations reflected in these statements are reasonable, but they may be affected by a variety of variables and changes in underlying assumptions which could cause actual results or trends to differ materially, including but not limited to: (i) those relating to the interpretation of drill results, the geology, grade and continuity of mineral deposits and conclusions of economic evaluations, (ii) risks relating to possible variations in reserves, grade, planned mining dilution and ore loss, or recovery rates and changes in project parameters as plans continue to be refined, (iii) the potential for delays in exploration or development activities or the completion of feasibility studies, (iv) risks related to commodity price and foreign exchange rate fluctuations, (v) risks related to failure to obtain adequate financing on a timely basis and on acceptable terms or delays in obtaining governmental approvals or in the completion of development or construction activities, and (vi) other risks and uncertainties related to the Company’s prospects, properties and business strategy. Our audience is cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and we do not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

COMPETENT PERSONS STATEMENT





The Exploration Targets and information in this presentation is based on and fairly represents information compiled by Mark Major, Krakatoa Resources CEO, who is a Member of the Australasian Institute of Mining and Metallurgy and a full-time employee of Krakatoa Resources. Mr Major has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he has 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, Mineral Resources and Ore Reserves. Mr Major consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

The information in this presentation which relates to Mineral Resources for the Tower rare earth deposit is based upon and fairly represents information compiled by Mr Greg Jones who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Jones is a full-time employee of IHC Mining and has sufficient experience relevant to the style of mineralisation, the 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 Jones consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Previously announced information is cross referenced to the original announcements. The Company confirms that it is not aware of any new information or data that materially affects the Exploration Results and exploration target information included in this report from previous Company announcements, including all exploration results extracted from the Company’s announcements to the ASX from 10 February 2017 to the 21 November 2022.

EMERGING CRITICAL METALS DEVELOPER

DIVERSE PORTFOLIO LEVERAGED TO CLEAN ENERGY FUTURE METALS

 Strong Foundations	Diversified, 100%-owned project portfolio, located in tier-one jurisdictions and in close proximity to world class discoveries
 Critical Metal Focus	REE, Ni-PGE, Cu and RbO ₂
 Discovery Success	Tower Rare Earths Project - major clay hosted ionic rare earth discovery Maiden Mineral Resource Estimate of 101MT @ 840ppm TREO
 Growth Potential	Major growth and discovery upside through Mt Clere REE and basement sulphide drilling and continued exploration and development at King Tamba
 Focused Strategy	Systematic and targeted exploration with synergies to major discoveries
 Strong Newsflow	Ongoing aggressive exploration and development programs, delivering regular newsflow over next 12 months

MULTI-COMMODITY PROJECT PORTFOLIO

HIGHLY PROSPECTIVE PORTFOLIO CAPABLE OF DELIVERING MAJOR GROWTH UPSIDE

WA

MT CLERE

REE with extensive clay hosting projects +
Ni-Cu-PGE and Au (e.g Julimar-Chalice)
101Mt @840ppm TREO JORC Resources,
Additional targets to expand on.
Sulphide drilling underway.

100% KTA

KING TAMBA

Historical Ta mine with speciality
metals hosted within pegmatites
Rb, Li, Nb, Ta, Sn

**Maiden Resource imminent with
large upside to be explored**

100% KTA

MAC WELL

Gold and Ni located south of
Western Queen gold Mine
Structure.

100% KTA

YILGAN CRATON

NSW

RAND

Intrusive Related Gold Systems (IRGS) +
Clay hosted ionic REE's over granites +
Tungsten and tin potential

**Multiple targets & under explored
frontier**

100% KTA

BELGRAVIA PROJECT

Cu-Au Porphyry & skarn
(e.g. Cadia - Newcrest)

Geophysical targets identified

100% KTA

TURON PROJECT

High grade turbidite-hosted
gold (e.g. Fosterville - Kirkland
Lake)

100% KTA

LACHLAN FOLD BELT

CORPORATE OVERVIEW

CAPITAL STRUCTURE November 2022

KTA

ASX Code

345m

Shares on issue

\$21m

Market Cap

26.2m

Unlisted Options

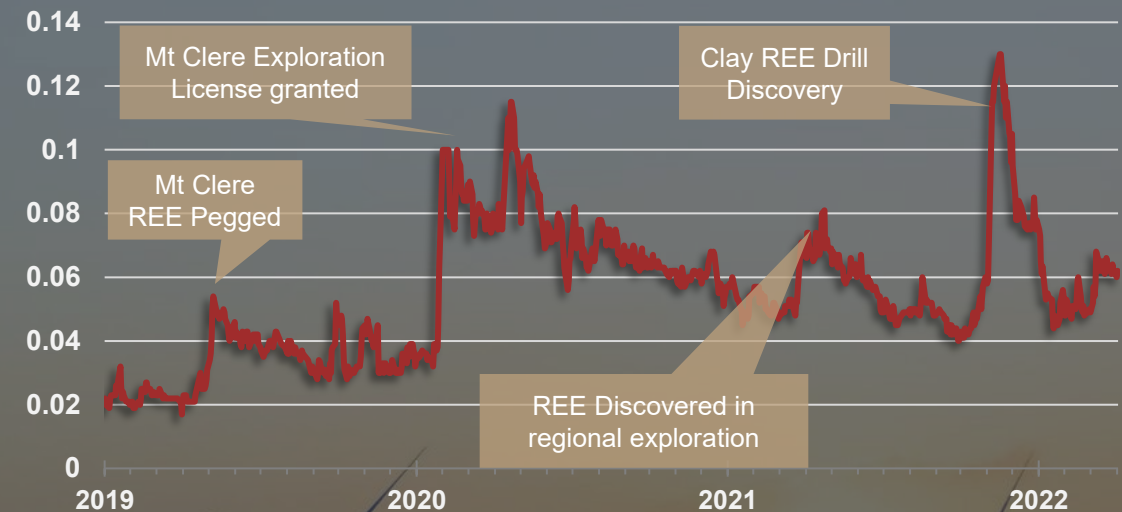
~\$3m

Cash in Bank

~\$18m

Enterprise Vale

52 week share price range A\$0.04 - \$0.14



INVESTOR PRESENTATION ASX:KTA



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RESOURCES LTD.

KRAKATOA RESOURCES BOARD & EXECUTIVE TEAM



Colin Locke
Executive Chairman

Mr Locke brings over 30 years' of mining related experience with business management, capital markets and international exploration success.



David Palumbo
Non-Executive Director

Mr Palumbo is a Chartered Accountant with over 14 years' experience across company secretarial, corporate advisory and financial management and reporting of ASX listed companies.



Mark Major
Chief Executive Officer

Mr Major has more than 27 years' of mineral exploration, ranging from grassroots programs to mine development. He has extensive experience working with corporate transactions, project acquisitions and project generation.



Tim Hogan
Non-Executive Director

Mr Hogan has approximately 25 years' experience in the stockbroking industry in Australia and is currently a Director of Barclay Wells Limited.

ESG IN FOCUS

Working towards full ESG compliant system

Highly beneficial having all major projects located in tier 1 jurisdictions with tight governance and legislation to monitor

Major considerations on future developments include:

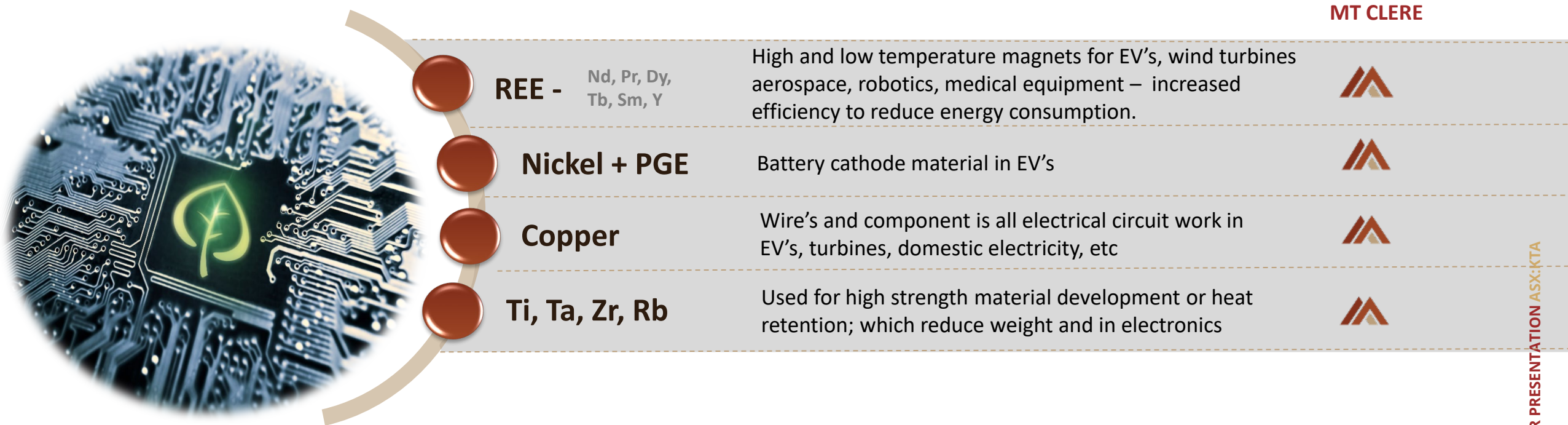
- Carbon emissions over life of mine
- Community Partnerships
- Strong governance – board experience, ASX listing rule and mining codes with best practice
- Environmental impact reduction; looking at renewable energy potential, water minimisation processes and chemical dependence



MT CLERE

ELECTRIC REVOLUTION DRIVES DEMAND FOR CRITICAL ELEMENTS

Krakatoa has secured the right projects and commodities at the right time, to align the Company's growth with strong future growth demands from the electric revolution



BUILDING A MAJOR RARE EARTH PROJECT

Tower Rare Earths Project

- Large landholding of over 2,300km² located in the highly prospective north-western margins of the Yilgarn Craton Gascoyne region of Western Australia
- First major discovery made in April 2022 - Tower Project
- Significant and widespread clay hosted ionic Rare Earth Element (REE) mineralisation identified at Tower and other prospects
- Aggressive exploration programs delivering high-grade results
- Drilling has successfully identified:
 - HMS – area of zircon, rutile, ilmenite, monazite and leucoxene
 - Additional REE regolith areas of interest
- **Delivery of Major Maiden Mineral Resource Estimate of 101Mt @ 840ppm TREO**
- **Large upside with Exploration Target of 51 – 481Mt @ 530-1050ppm TREO.**

(1) Mineral Resources reported at a cut-off grade of 300 ppm TREO-CeO₂

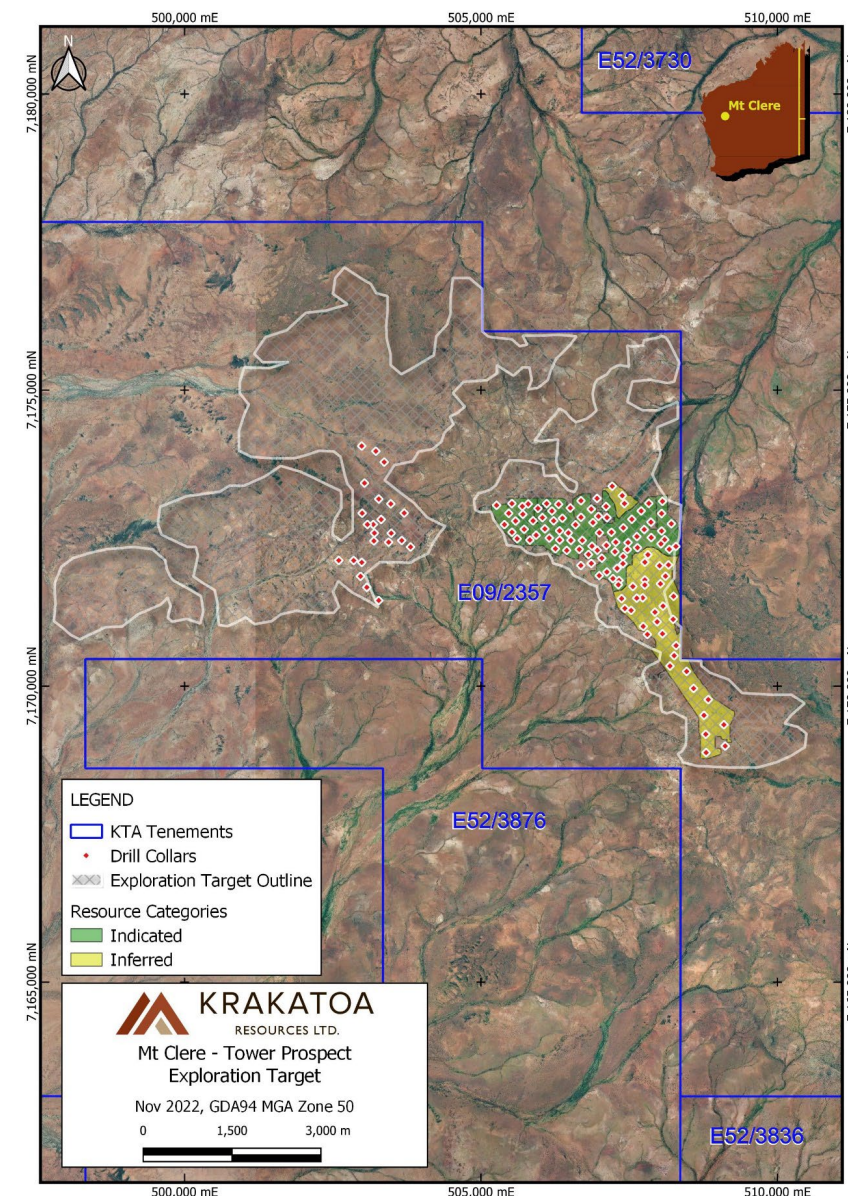
(2) Exploration target is reported as a range. The potential quantity and grade of the Exploration Target is conceptual in nature and is therefore an approximation. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource



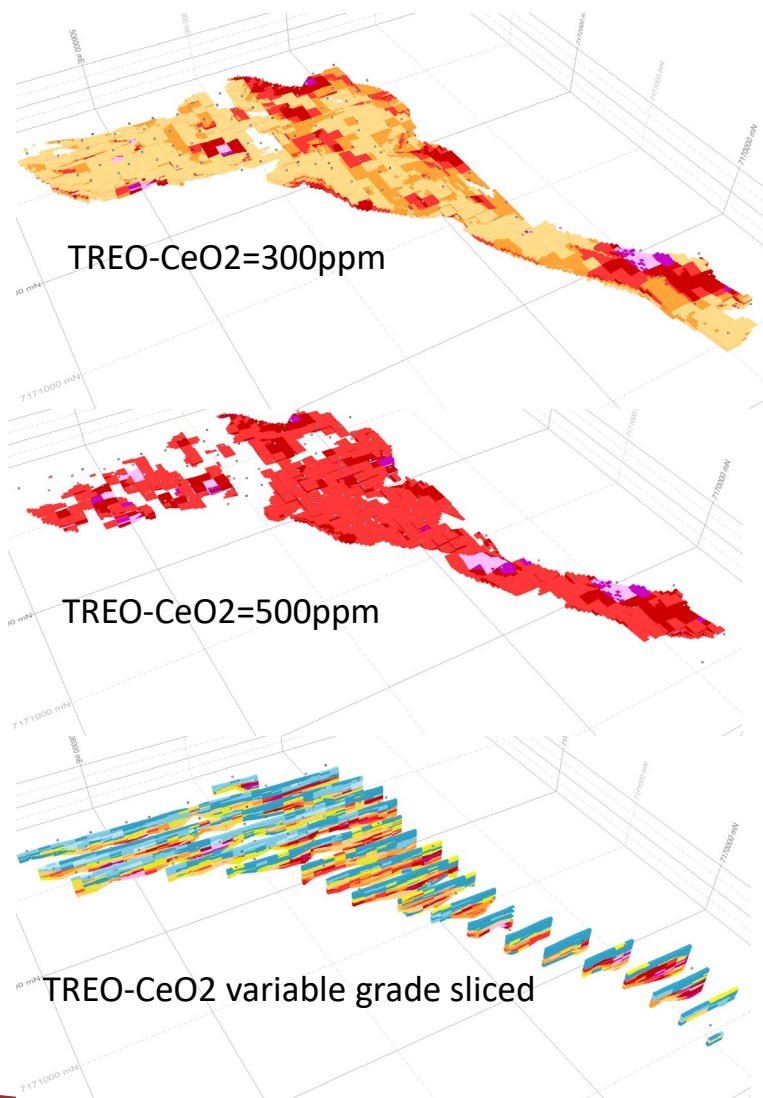
EXPLORATION SUCCESS DELIVERING HIGH-GRADE RESULTS

Significant, near-surface intersections from drilling highlight impressive thickness, low strip potential and high-grade characteristics of Tower

Drill Hole	Depth From (m)	Interval (m)	TREO (ppm)	Including
22MAC085	Surface	53	722	29m @ 1117ppm TREO from 24m
22MAC091	6	48	653	
22MAC094	Surface	47	821	27m @ 1205ppm TREO from 20m
22MAC075	4	43	551	
22MAC007	10	42	769	32m @ 908ppm TREO from 12m
22MAC070	Surface	39	582	
22MAC077	Surface	38	642	
22MAC097	6	33	948	10m @ 2116ppm TREO from 28m
22MAC090	24	31	1036	
22MAC004	18	26	1180	
22MAC085	24	29	1117	
22MAC063	10	23	949	
22MAC021	20	33	1096	
22MAC003	20	22	1466	12m @ 2348ppm TREO from 22m
22MAC037	16	14	1924	



MAJOR MAIDEN MINERAL RESOURCE AT TOWER PROJECT



Resource Classification JORC	Tonnes (Mt)	TREO (ppm)	TREO – CeO ₂ (ppm)	CREO (ppm)	HREO (ppm)	LREO (ppm)	U ₃ O ₈ (ppm)	ThO ₂ (ppm)
Indicated	40	824	481	233	182	642	1	31
Inferred	61	852	540	290	266	586	2	32
Total⁽¹⁾	101	840	517	267	233	607	2	32
Exploration Target ⁽²⁾	57 - 481	530-1050	320-625					

Key Characteristics of Deposit:

- 60% Inferred, 40% Indicated
- High-grade Resource of 840 TREO
- Mineralisation starts from surface
- Thick (upto 53m) mineralised zone
- Only 20% of the original exploration target drilled to date – Significant growth and development upside

(1) Mineral Resources reported at a cut-off grade of 300 ppm TREO-CeO₂

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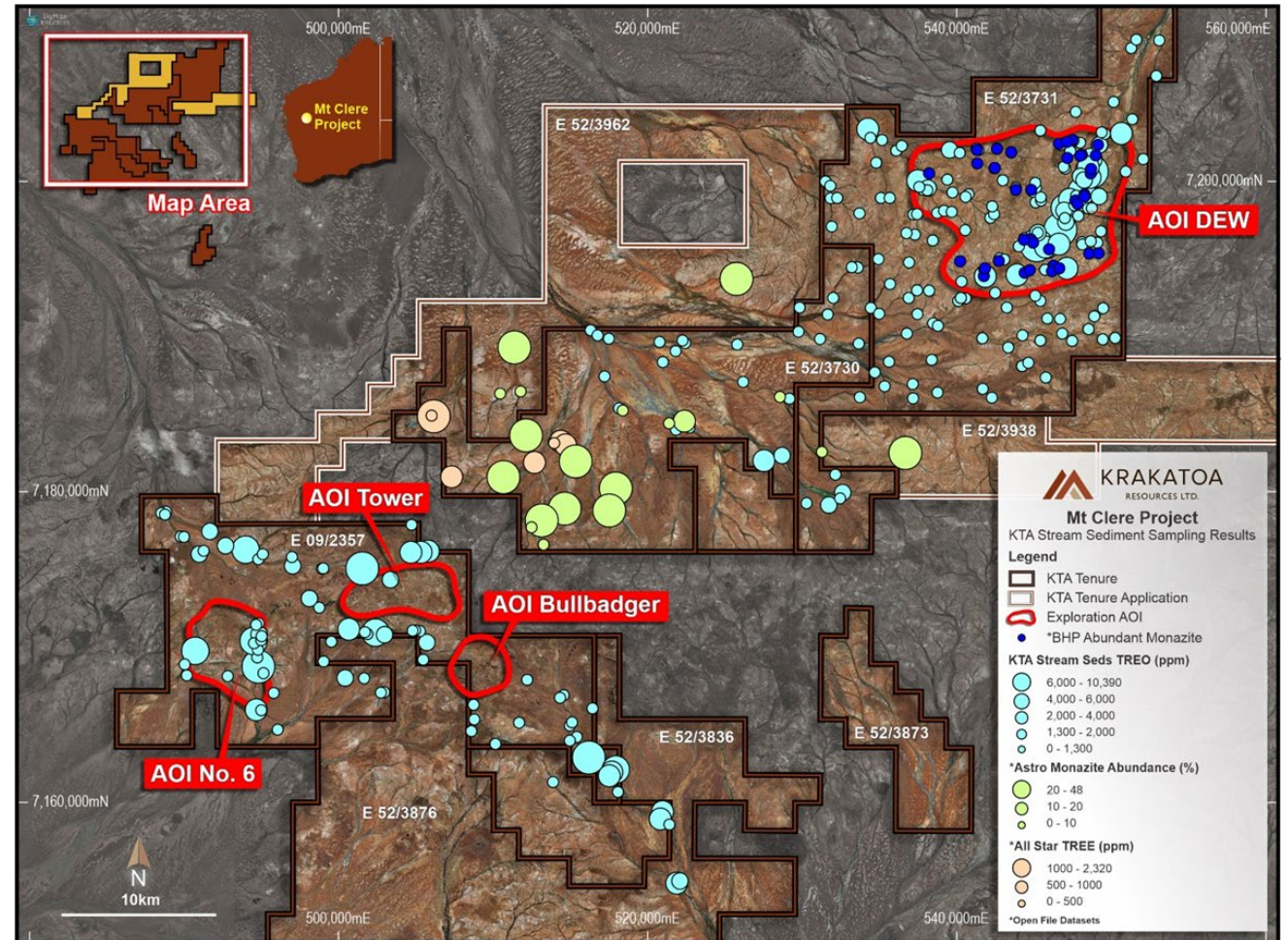
KEY UPCOMING WORKSTREAMS AND NEWSFLOW

Future Focus Areas

- Reconnaissance drilling across targeted areas (Bullbadger, DEW, No.6) for prospective for REE mineralisation - focused on making the next REE discovery
- Infill drilling and extensional drilling, with an objective of delivering further results to grow the current Mineral Resource estimate – Tower North and West
- Metallurgical processing option testwork
- Project scale Carbonatite exploration of dykes and magnetic features

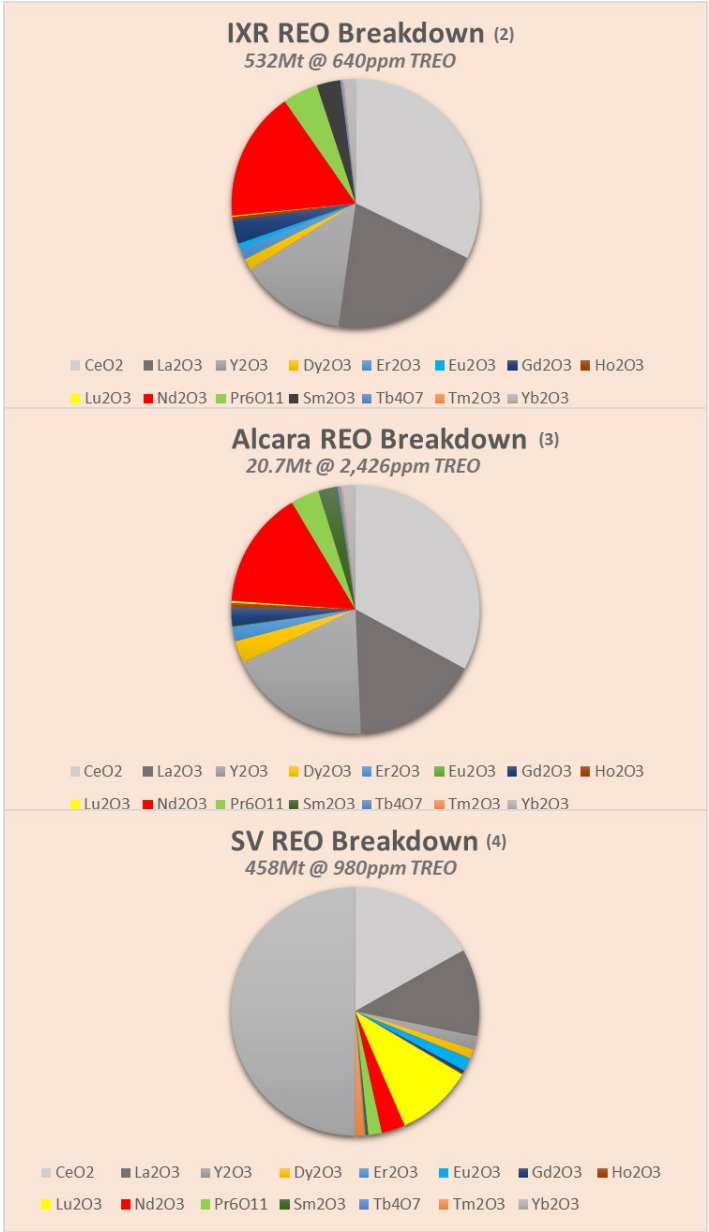
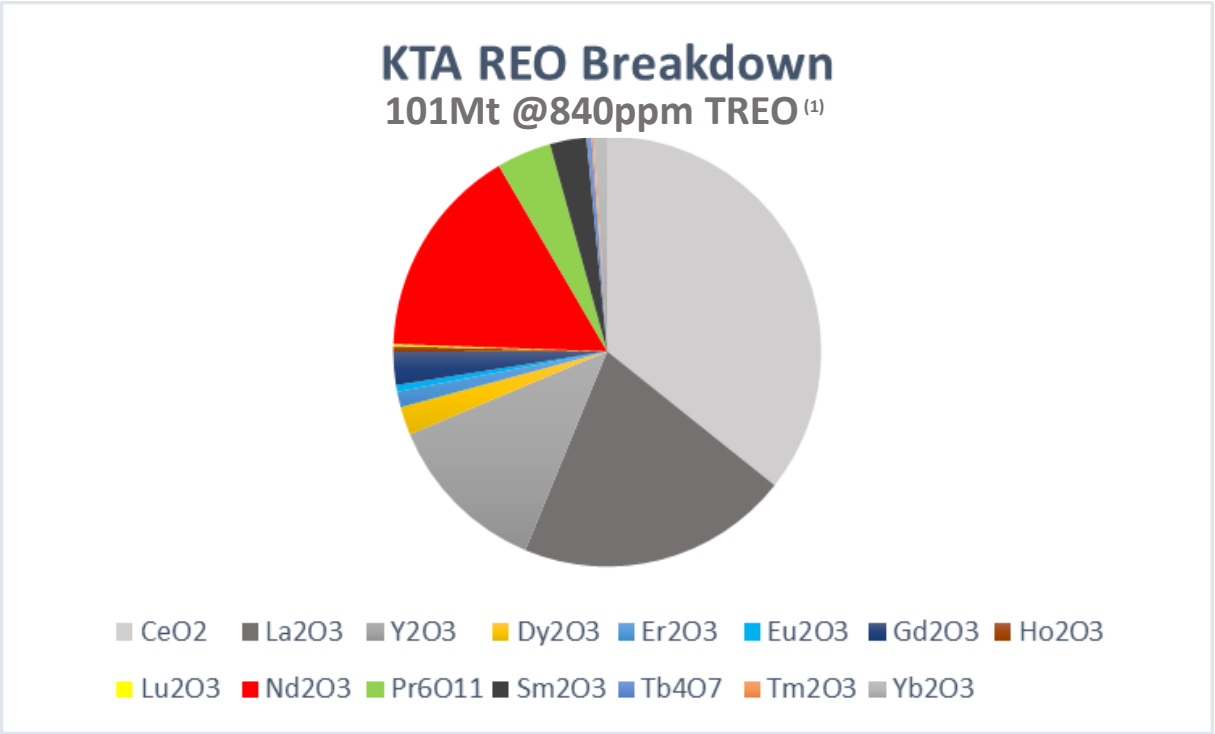
Newsflow

- Reconnaissance drilling results from Tower West area
- Initial metallurgical test work results from Tower Project



CLAY REE PROJECT COMPARATIVES

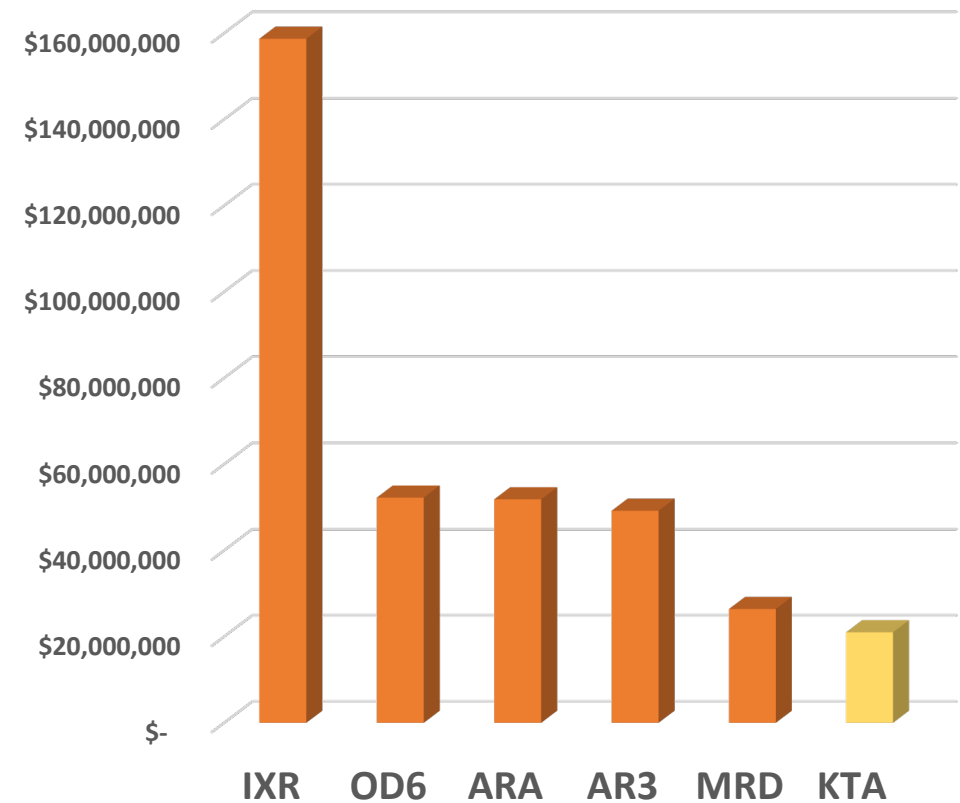
- China dominates the clay hosted ionic REE market
- Only a handful of projects known outside China; with only several being advanced to prefeasibility level and are closer to the development pathway
- KTA project is 100% owned and located in the safe and stable jurisdiction of Western Australia, an area familiar with mining



(1) Refer to ASX Announcement 21 November 2022 for details.
(2) IXR is Ionic Rare Earths Ltd (ASX:IXR) resource statement ASX Announcement 3 May 2022
(3) Alcara Resources Inc (TSX:ARA) – Company Presentation February 2022
(4) SV or Sierra Verde – unlisted- from Hallgarten & Company 13 April 2021, Rare Earths Ion-adsorption Clays review

REGOLITH REE PEERS

Market Cap' Comparisons



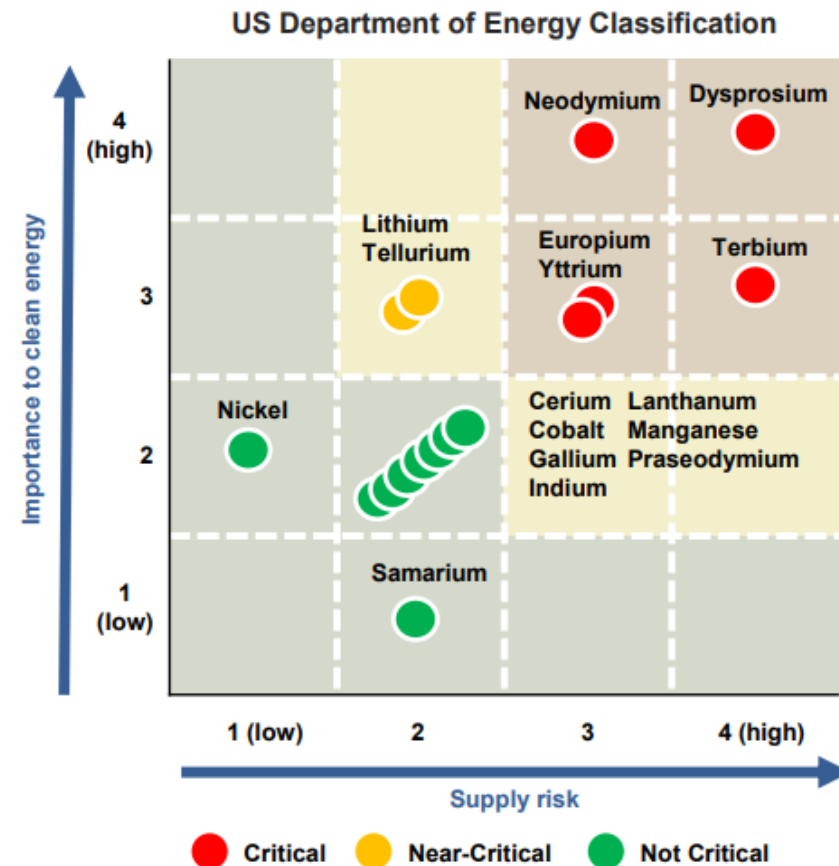
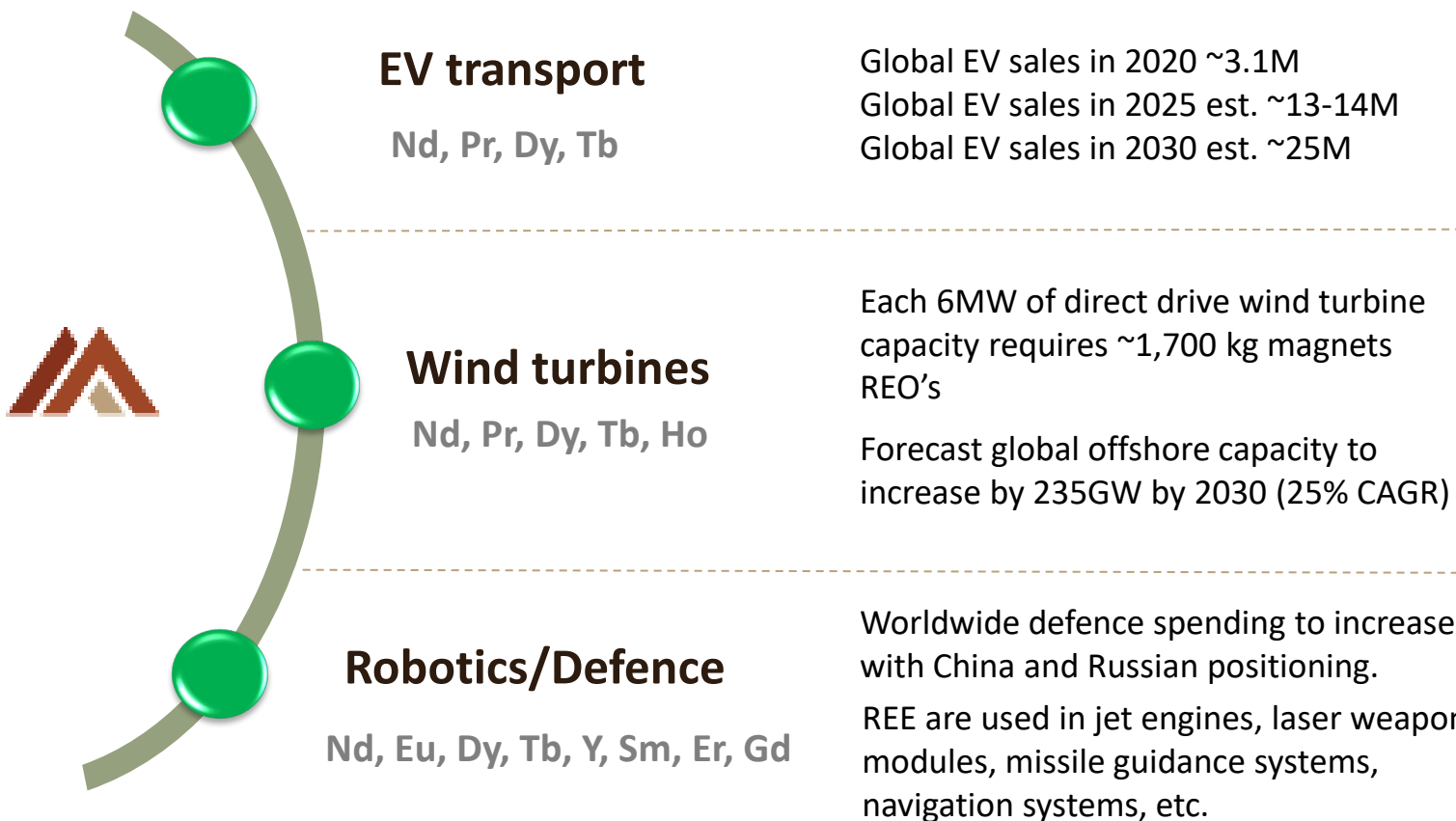
	Market Cap ⁽¹⁾ (AUD)	Ownership	Location	Resource
Krakatoa Resources Ltd (ASX:KTA)	\$21m	100%	Western Australia	101Mt @ 840ppm TREO (JORC 2012)
Australian Rare Earths Ltd (ASX:AR3)	\$49.2m	100%	Eastern Australia	81Mt @ 785ppm TREO (JORC 2012)
Ionic Rare Earths Ltd (ASX:IXR)	\$158.7m	51% earning 60% (Pre-emptive right to 100%)	Uganda	532 Mt @ 640ppm TREO (JORC 2012)
Mt Ridley Mines Ltd (ASX:MRD)	\$26.4m	100%	Western Australia	Nil
Aclara Resources Inc (TSX:ARA)	\$51.8m	100%	Chile	20.7 Mt @ 2426ppm TREO (CIM 43-101)
OD6 Metals Ltd (ASX:OD6)	\$52.2m	100%	Western Australia	Nil

NOTES: (1) Market Capitalisation as of the 17 November 2022

Source details: AR3 Company Announcement 4 July 2022, IXR Company Announcement 3 May 2022, ARA Company presentation February 2022 (CIM is Canadian Institute of Mining, Metallurgy and Petroleum – Mineral resource and Reserves guidelines under 43-101 code).

RARE EARTHS CRITICAL FOR A CLEAN ENERGY FUTURE

Krakatoa is developing Mt Clere at the right time, with strong future demand fundamentals and growing importance of Rare Earth Elements as part of a clean energy future

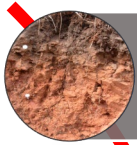


Sources: International Energy Agency Sustainable Development Scenario, IRENA – Future of Wind (2019) US Department of Energy and Argus Analytics – October 2021

Source: US Department of Energy

INVESTOR PRESENTATION ASX:KTA

CLAY HOSTED REE'S – ECONOMIC ADVANTAGES AND FRIENDLY



Soft Material - already broken down with Elevated HREO/CREO



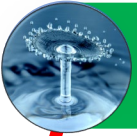
Simple Mining: No crushing and no explosives = LOW OPEX \$



No Milling: Eliminates emissions



No Tailings Dam: Washed clays disposed of locally and revegetated



Water Recycling: Minimal water consumption due to water and reagent recirculation



Negligible Radioactivity: Nature has already done its work



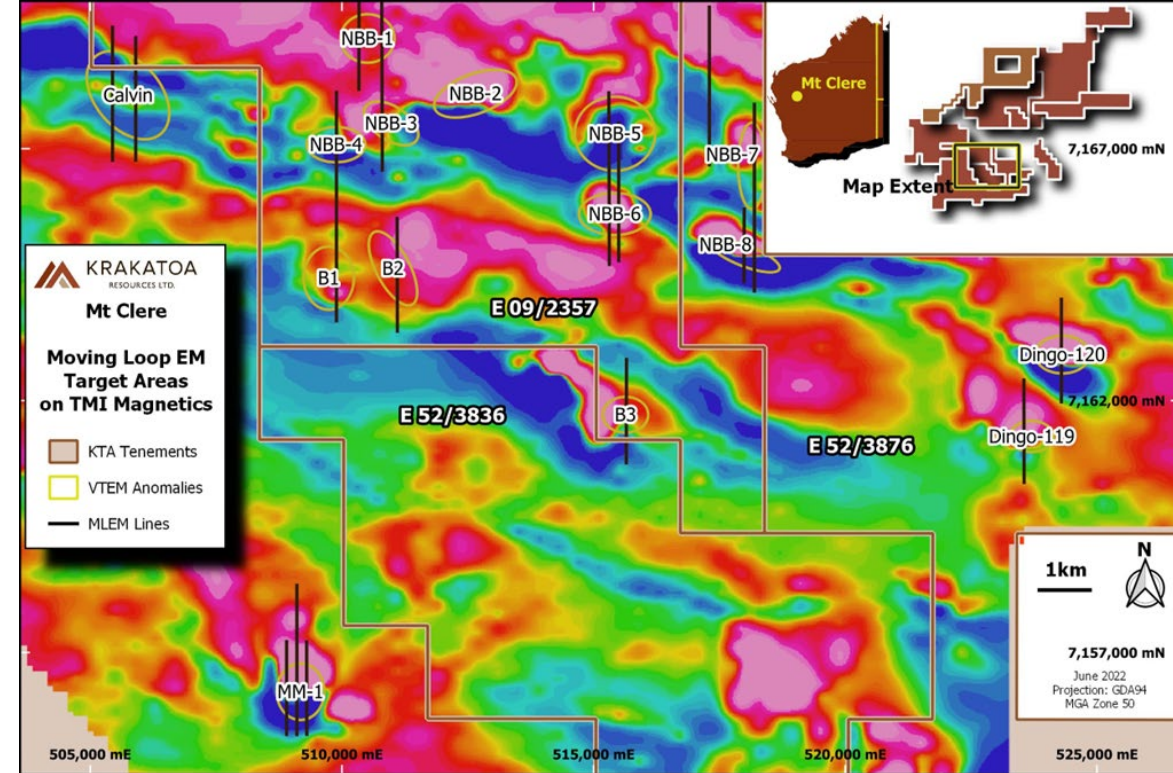
Low CAPEX: Simple acid solubilisation followed by conventional REE separation



NEXT MAJOR TARGET – BASEMENT SULPHIDES

Focused on making the next major discovery at Mt Clere

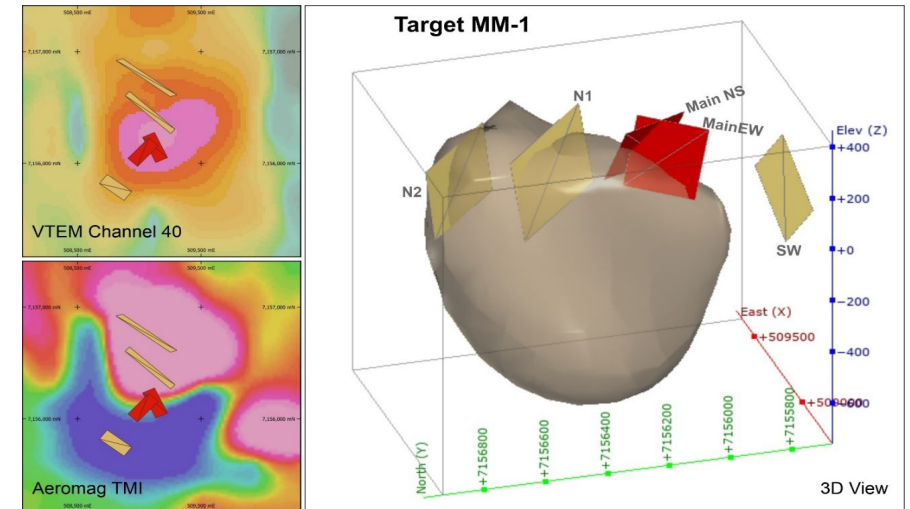
- Multiple conductors discovered through combination of airborne and ground EM surveys, geochemical and geological data
- 20 high priority, strong discrete late time targets identified along regional structural trends
- Catchment where priority late time EM conductors found showed elevated Cr, Ni, Cu and other pathfinder elements
- 6 - MLEM conductors with readings of >8,000 siemens
- Targets identified share similar traits to Gonneville (Julimar) EM Conductor, discovered by Chalice Resources, and the Nova Bollinger EM conductor discovered by Sirius Resources
- Successful Exploration Incentive Scheme (EIS) WA Government grant of AUD\$180,000
- **Drilling has commenced**



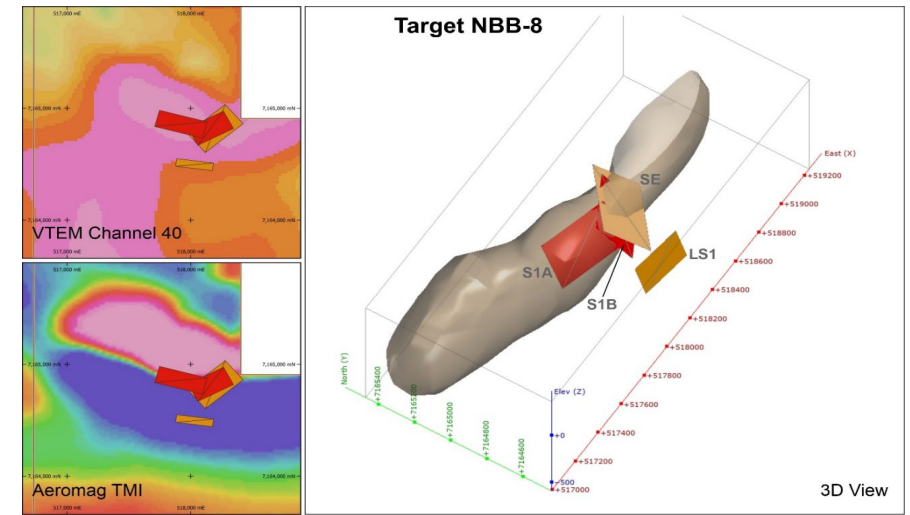
BASEMENT SULPHIDE DRILL PROGRAM

Commencement of maiden sulphide drill program

- Stage 1 Reverse Circulation (RC) drill program of 6-8 holes for ~3,000m underway
- Program will test multiple, highly prospective late time conductors
- Priority targets are Milly Milly and North Bullbadger east plates:
 - Milly Milly - Main - NS & EW targets recorded >10000 Siemens and N1/N2 ~3000 Siemens
 - North Bullbadger - S1a & S1b targets recorded >8000 Siemens LS1 & SE targets ~4000 Siemens
- Drilling has commenced and is expected to be completed by the end of Q4 22, with results expected beginning of Q1 23



Milly Milly (MM-1) Prospect



NBB-8 Prospect



KING TAMBA



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KING TAMBA PROJECT

Li-Ta-Nb-Rb-Sn

Located 80km north-west of Mt Magnet, within the Dalgara Greenstone Belt in Western Australia

Discovered:

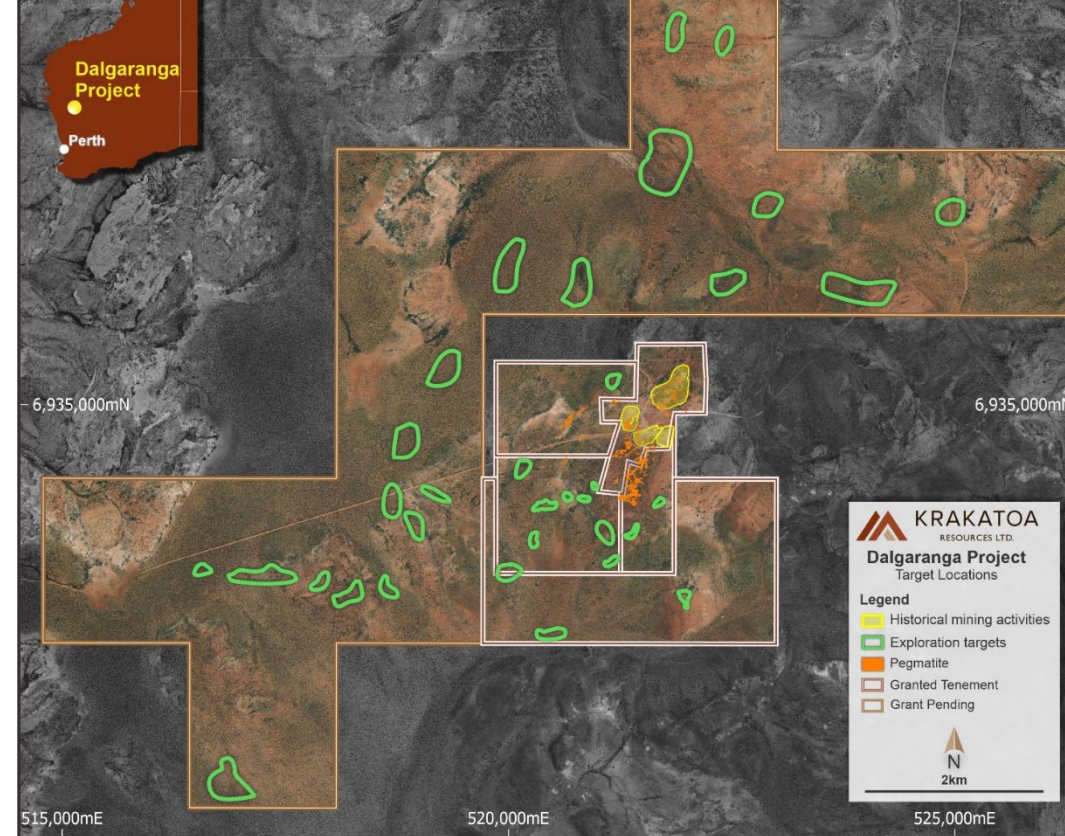
- Extensive LCT pegmatites with Rb, Ta, Cs, Li, Nb and Sn enrichment

Identified:

- High-grades of Rubidium
- Wide zones (up to 71m) of rubidium enrichment
- Exploration target of 1.47 to 3.18 million tonnes
- Mineralised extensions immediately along strike and east of the open pit

Opportunity:

- Resource drilling completed in May-June 2022
- Currently undergoing resource modelling
- Mineralisation remains open providing excellent growth potential through systematic exploration across LCT pegmatite swarms
- Sighter metallurgical test work underway
- Maiden Mineral Resource Estimate due in coming weeks



EXPLORATION TARGET

**1.47
to 3.18
million
tonnes⁽¹⁾**

The potential quantity and grade of the Exploration Target is conceptual in nature and is therefore an approximation. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource



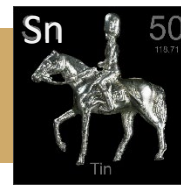
500-2000



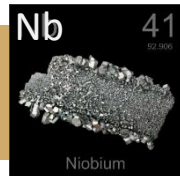
25-100



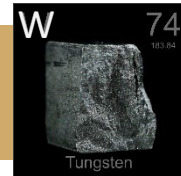
50-300



50-700

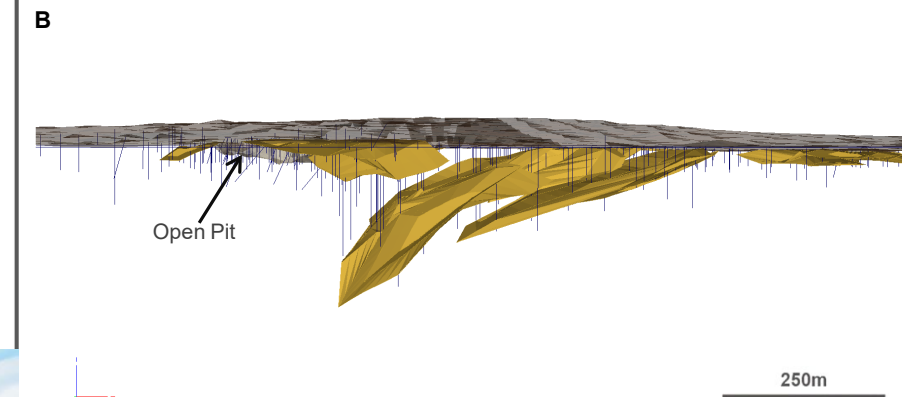
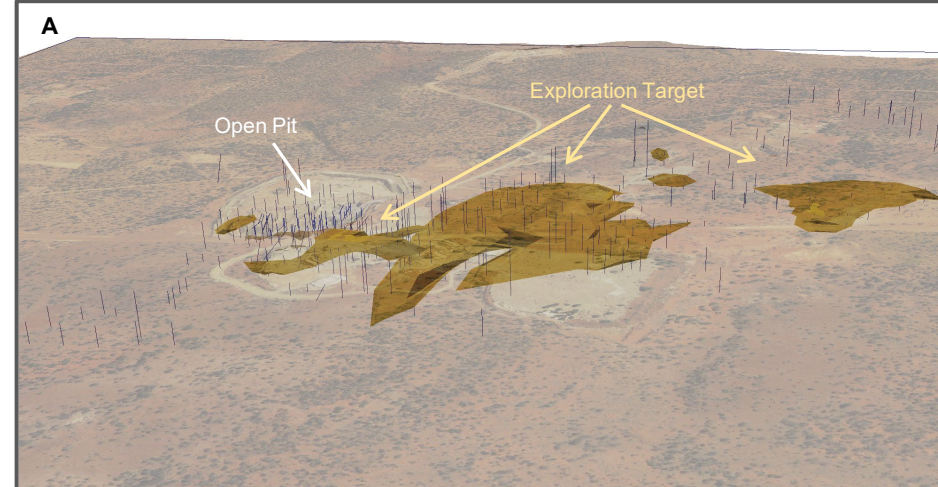


100-500



10-100

Exploration Target Estimate (grades in ppm)



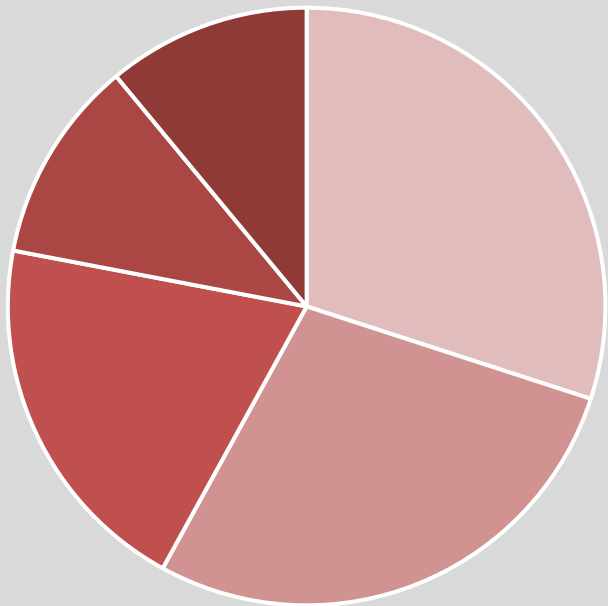
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1) Refer to ASX Announcement dated 8 November 2021 on the details of the exploration target.

MARKET OUTLOOK





Rubidium is a high-value metal used for solar panels (photoelectric cells), motion sensor and night vision devices, and medical imaging devices

Rubidium Market, Volume Share (%), by Application Sector, Global, 2020



Specialty Glass Biomedical Electronics Other Applications Pyrotechnics

The global market is expected to grow at:

	Rb	CAGR +4% through until 2026
	Li	CAGR +19% through until 2027
	Ta	CAGR +6% through until 2027
	Nb	CAGR +5% through until 2027



OTHER PROJECTS



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OTHER PROJECTS

Cu and Au - Porphyry and IRGS

Belgravia Porphyry Project – Au and Cu Porphyry

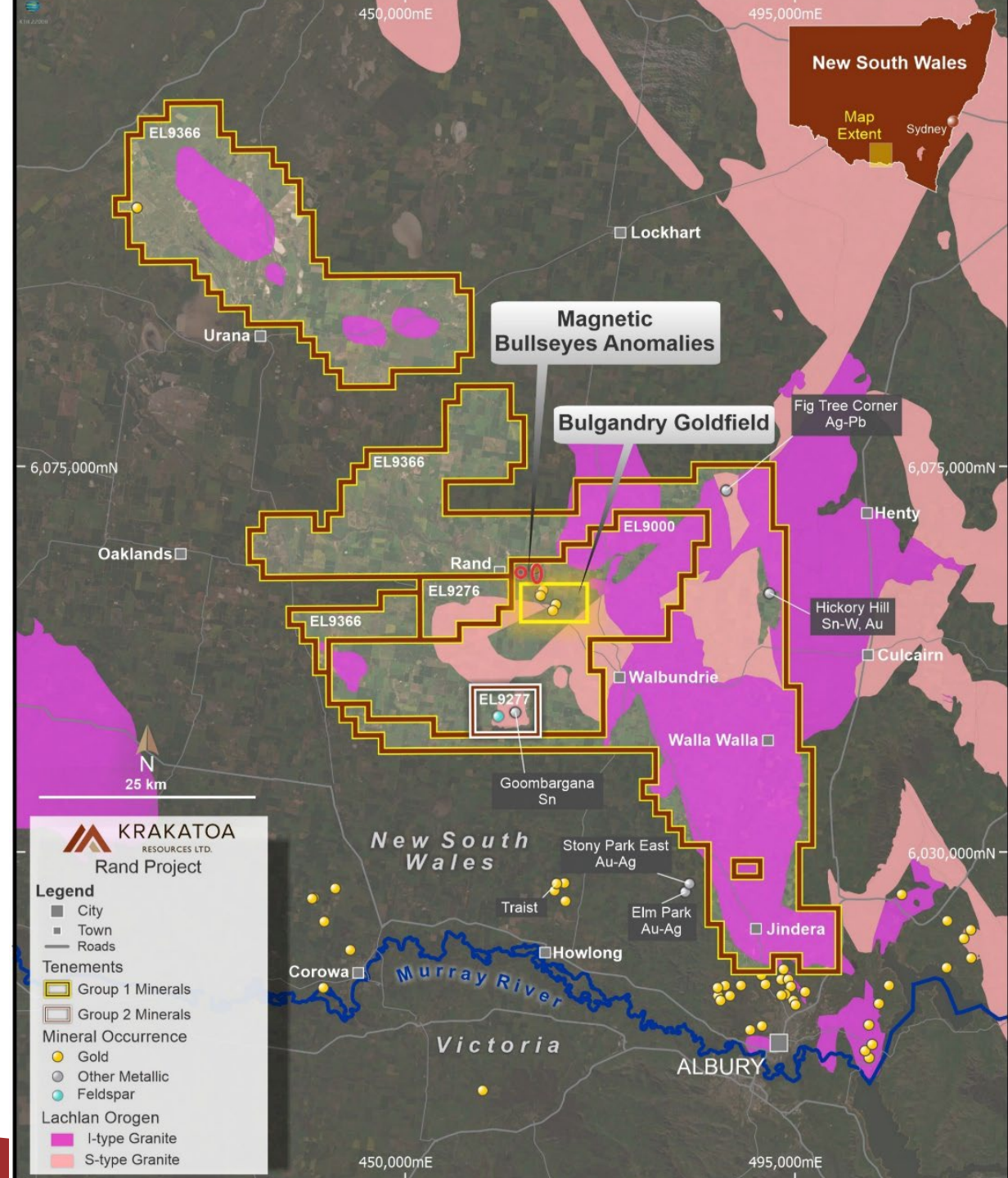
- Located in the central division of the Molong Volcanic Belt (MVB)
- Prospective for: Porphyry Cu-Au, Associated Cu-Au, Orogenic Au, and VMS-Au mineralisation

Turon Gold Project - Au

- Positioned approximately 50km east of Belgravia Project
- Prospective for Orogenic Au

Rand Gold Project - Au

- Covers substantial area in the central Lachlan Fold Belt in New South Wales
- Prospective for IRGS - Au



WELL-PLACED FOR GROWTH & SUCCESS

- Emerging critical metals developer successfully progressing a diverse portfolio of projects, located in tier-one mining jurisdictions
- Multi-commodity exposure: REE, Ni-PGE, Cu, RbO₂, with major potential for further discovery and growth upside
- First discovery made at Mt Clere in April 2022 - Tower Rare Earths Project
- Impressive and sizeable maiden Mineral Resource Estimate of 101Mt @ 840ppm TREO at Tower, with significant exploration and development upside
- Focused on delivering further discovery success through:
 - Basement sulphide drilling at Mt Clere – 6-8 hole, ~3,000m program underway
 - Drilling of next set of REE targets at Tower
 - Further exploration success at King Tamba

“Krakatoa is developing its project portfolio at the right time, with strong future demand fundamentals and importance of critical metals growing, as part of a clean energy future to meet aggressive decarbonisation targets”



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ENQUIRIES

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