

KTA.ASX



THE TRANSITIONAL YEAR 2022

March 2022



KRAKATOA
RESOURCES LTD.

COMPANY BRIEF

DIVERSE PORTFOLIO LEVERAGED TO CLEAN ENERGY FUTURE METALS WITH STRONG GOLD BASE
REE, Speciality Metals, Ni-PGE, Cu and Au.

 Strong Foundations	Diversified portfolio of future metal focused projects including REE, Ni-PGE, Cu and Au.
 Growth Potential	On the verge of potential major discoveries after 18 months of defining exploration
 Tier 1 Locations	Safe jurisdictions, close to known mineralised camps and world class discoveries
 Focused Strategy	Systematic yet aggressive exploration within geology with synergies to major discoveries
 Secure Landholding	All projects are 100% owned by Krakatoa

Krakatoa controls various highly prospective projects within known and emerging mineral provinces, each capable of delivering major upside to shareholders

CORPORATE OVERVIEW

KRAKATOA'S HIGHLY EXPERIENCED TEAM

Colin Locke Executive Chairman

Mr Locke brings to stake holders a mining related background with business management, capital markets and international exploration success spanning over 30 years.

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.

David Palumbo Non-Executive Director

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

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.

Erik Conaghan Exploration Manager - Geologist

Mr Conaghan is an exploration geologist with over 2 decades' international experience across energy commodities, base and precious metals and battery minerals.

TECHNICAL ADVISORS

David Nelson and Matt Ridgeway Exploration Consultants WA

CAPITAL STRUCTURE @5.4C MARCH 29 2022

\$16M

Market Cap

\$15M

EV

295M

Shares on issue

Performance Shares: 15m
@ 20c, 30c & 40c

Unlisted Options: 21.2m
@ 7.5c Expiring 29/11/23

100% OWNED PROJECTS

DIVERSE PORTFOLIO: SIX PROJECTS IN TWO STATES; MULTICOMMODITY
REE, Speciality Metals, Ni-PGE, Cu and Au.

WA

MT CLERE

REE with extensive clay hosting potential
+ Ni-Cu-PGE and Au (e.g Julimar-Chalice)

**Multiple targets, greenfield
exploration**

100% KTA

DALGARANGA

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

**Drill Ready Resource with
large upside**

100% KTA

MAC WELL

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

100% KTA

YILGAN CRATON

Highly prospective
projects covering a
range of
commodities,
deposit styles and
scales, each capable
of delivering major
upside to
shareholders

LACHLAN FOLD BELT

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

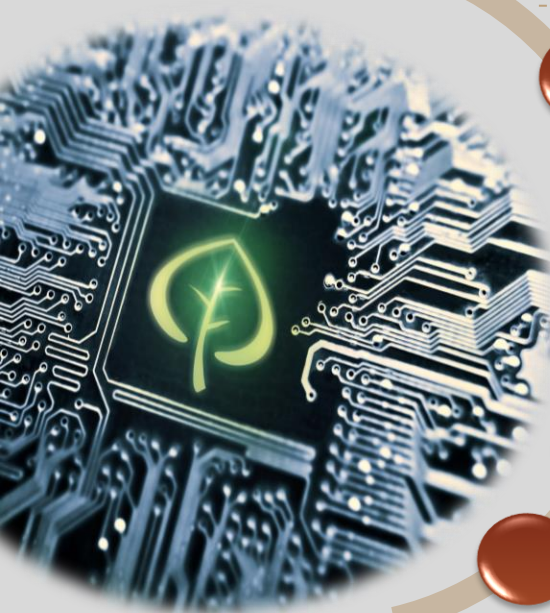
TURON PROJECT

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

100% KTA

ELECTRIC REVOLUTION DRIVES DEMAND FOR CRITICAL ELEMENTS

Krakatoa has secured the right projects with the right commodities to align the company's growth with the demands of the electric revolution. The increased demands for the future metals required in the electrification and decarbonisation world are the key fundamentals for the company's direction.

			MT CLERE	DALGARANGA	RAND
	REE - Nd, Pr, Dy, Tb, Sm, Y	High and low temperature magnets for EV's, wind turbines aerospace, robotics, medical equipment – increased efficiency to reduce energy consumption.			
	Nickel	Battery cathode material in EV's			
	Copper	Wire's and component is all electrical circuit work in Ev's, turbines, domestic electricity, etc			
	Ti, Ta, Zr, Rb	Used for high strength material development or heat retention; which reduce weight and in electronics			
	Lithium	Battery material for domestic and commercial energy storage and EV's			

INVESTOR PRESENTATION ASX:KTA



MT CLERE



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ENORMOUS EXPLORATION POTENTIAL



Located on the northern margins of the Yilgarn Craton in Western Australia

▲ Rare Earth Elements (REEs)

- Widespread, high-grade REEs identified in stream samples
- Ionic clay hosted regolith-
confirmation pending

▲ Ni-Cu-(Co)-(PGE's) Sulfides

- VTEM discovered multiple major discrete late time targets

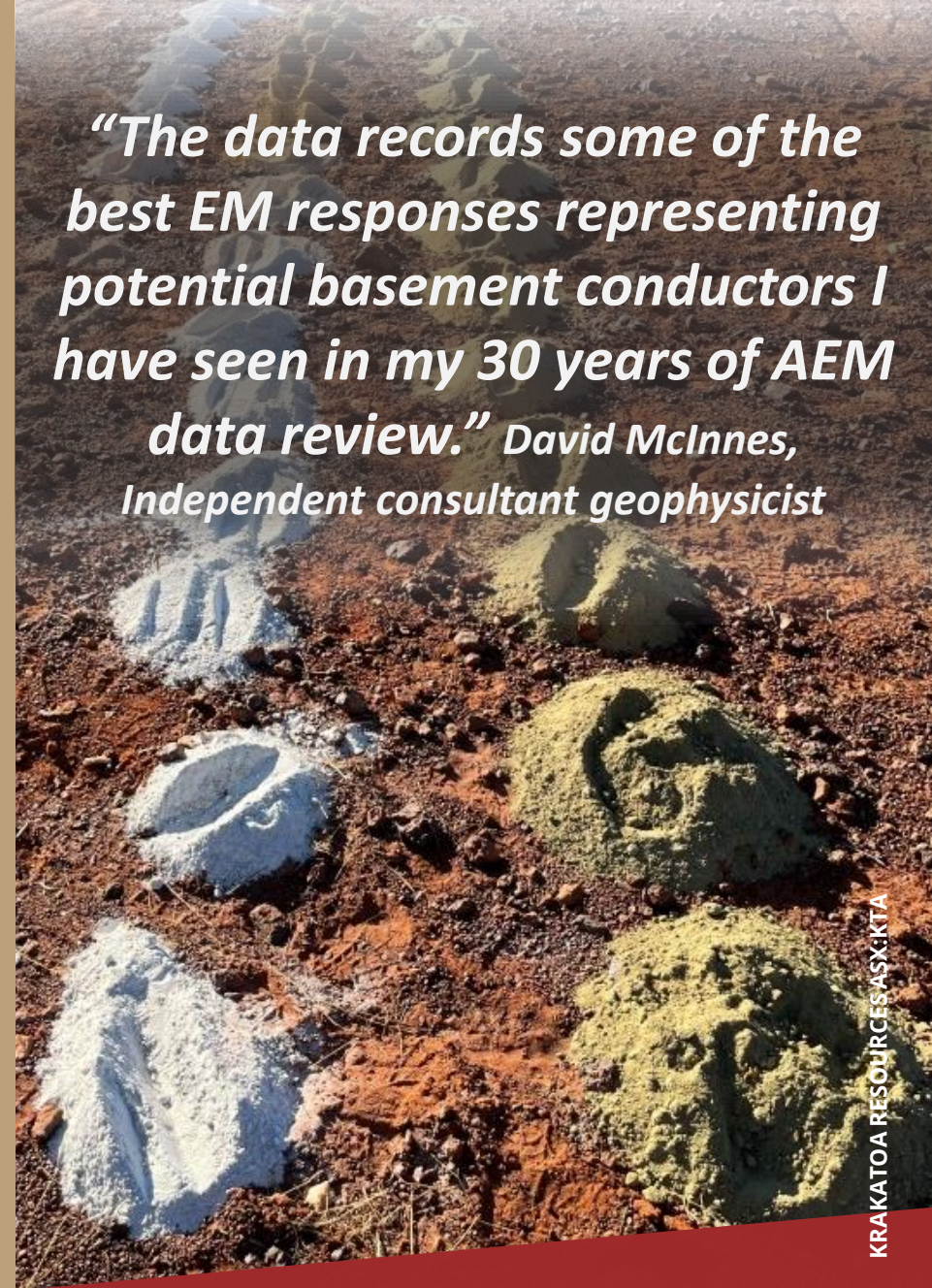
▲ Heavy Mineral Sands (HMS)

- Including zircon, rutile, ilmenite, monazite and leucoxene

BUILDING ON A POSITIVE OPENING YEAR

- ▲ Extensive Geochem surveys define multiple key *Areas of Interest*
- ▲ Maiden Drilling Completed for Regolith REES & Heavy Minerals
 - Assay Results Pending
- ▲ VTEM for Ni-Cu-(Co)-(PGEs) now completed with 20 discrete late time targets interpreted
 - Looking for Julimar & Nova style sulphide deposits
 - Moving Loop EM ground studies are underway
- ▲ Additional strategic licenses granted

*“The data records some of the best EM responses representing potential basement conductors I have seen in my 30 years of AEM data review.” David McInnes,
Independent consultant geophysicist*



MT CLERE REES OVERVIEW



Mt Clere hosts abundant REE geochemical anomalies originally identified by several previous explorers including BHP; who were not looking for REE's prior to the electric revolution (Refer to ASX announcement October 9, 2020 ⁽¹⁾).



Krakatoa is exploring for multiple REE deposit styles at Mt Clere including:

- Clay hosted regolith REES at depths up to 40m potential to be ionic adsorption clays
- Monazite sands in vast alluvial terraces identified to be up to 60m
- Primary carbonatite sources of the regolith



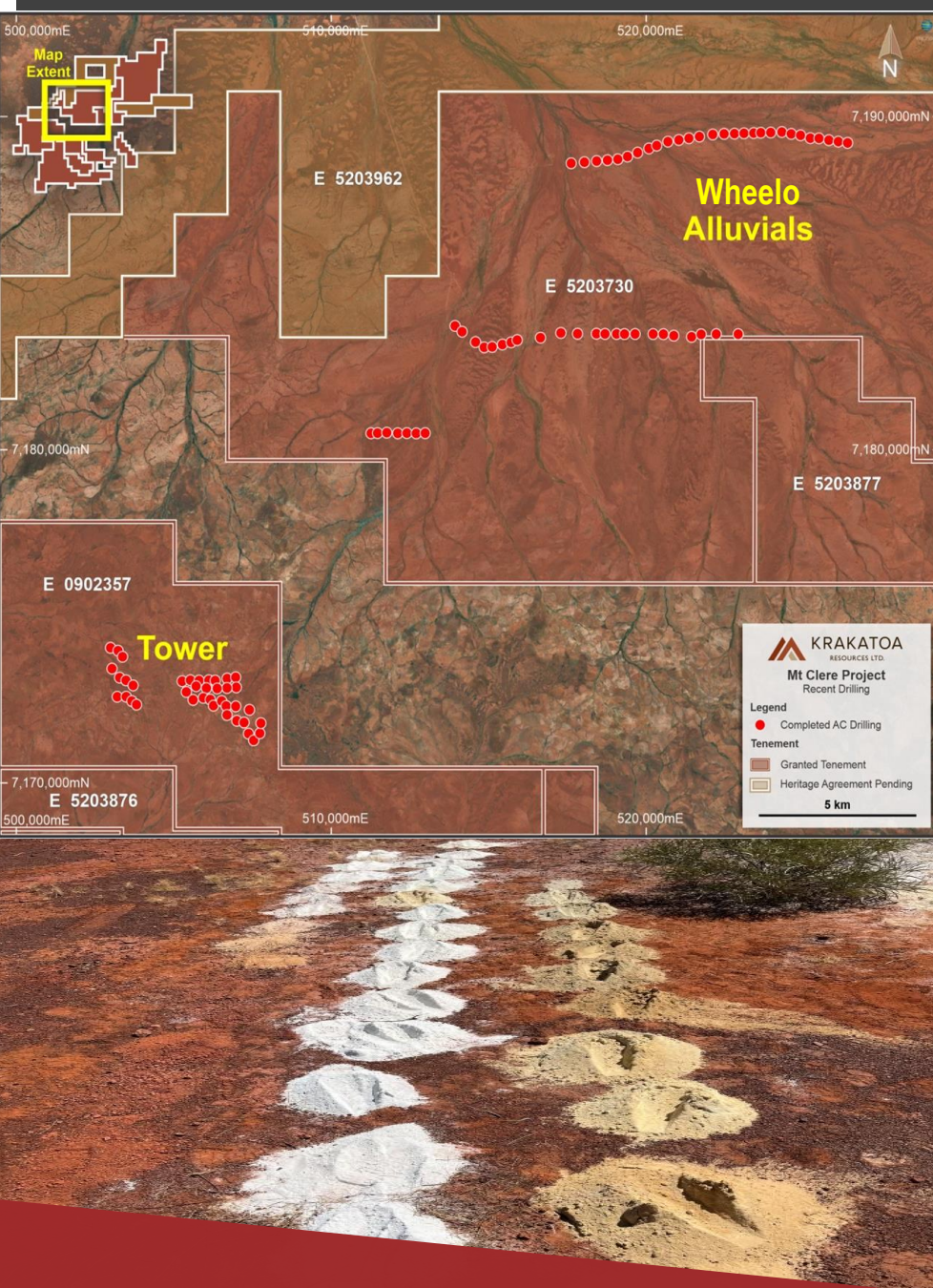
Reconnaissance Drilling⁽²⁾ program completed in Nov-Dec 2021 to test one of the many identified areas of prospectivity for clay hosted REE mineralisation.



39 holes (1047m) were drilled into the Tower area to investigate and test for well-developed clay-rich regolith profiles that could be prospective for ion adsorption REE mineralisation – **ASSAY RESULTS EXPECTED SOON**

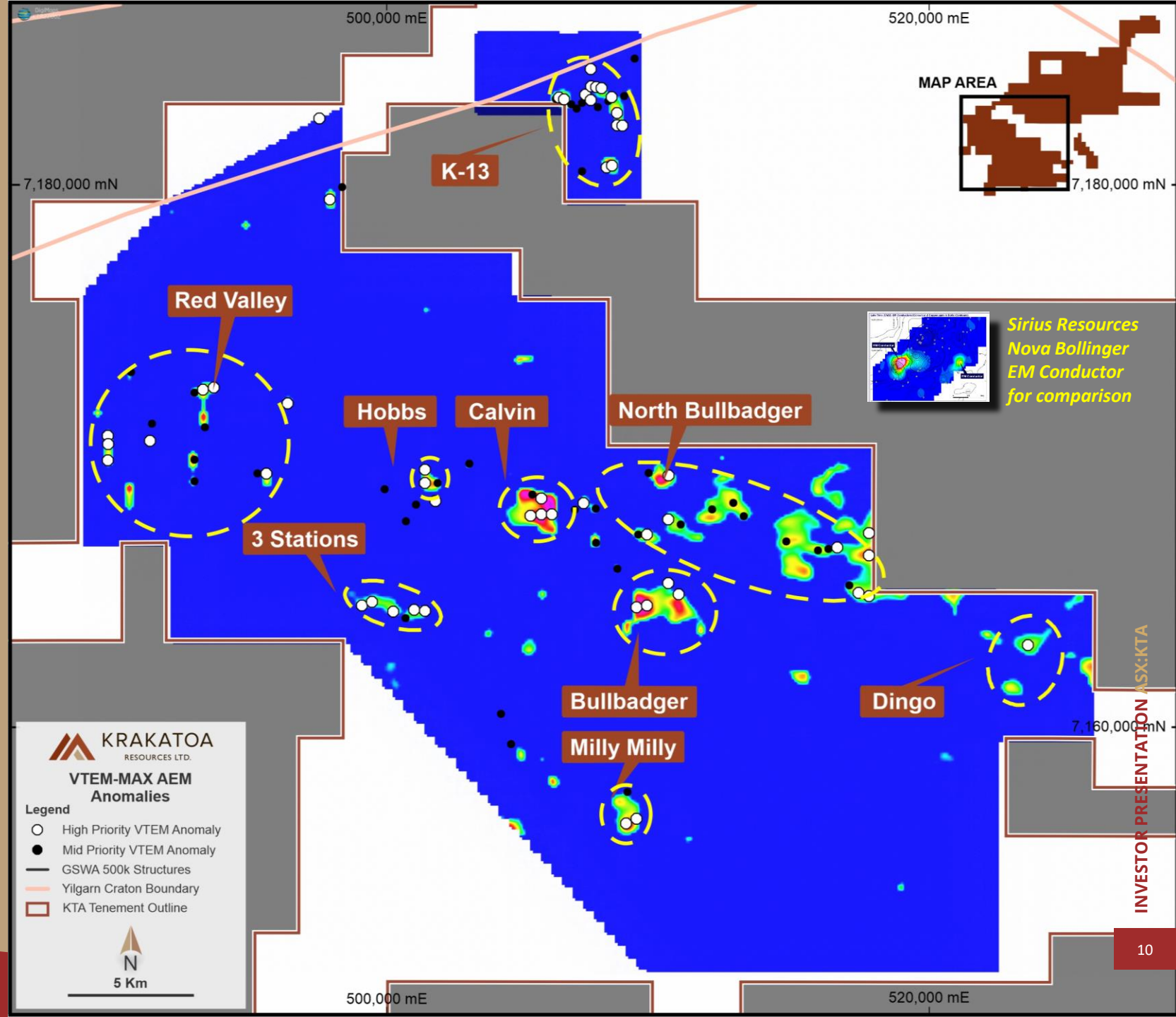
1) Refer to ASX Announcement dated 9 October 2020 on the details of the historical exploration

2) Refer to ASX Announcement dated 16 December 2021 for the details of the reconnaissance drilling.



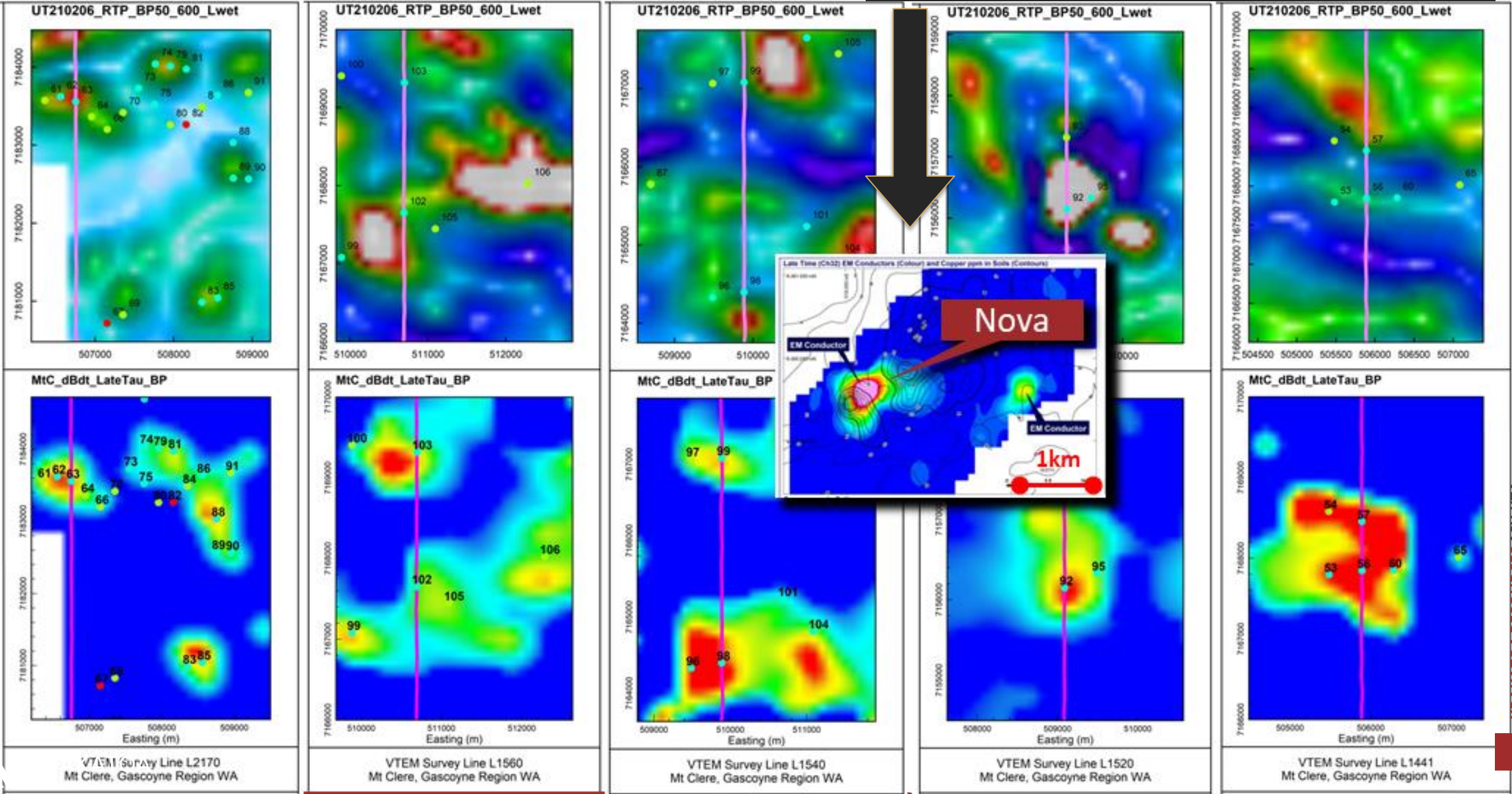
BASEMENT SULPHIDES Ni-Cu-(Co)-(PGE'S)

- Highly successful VTEM survey identified **multiple conductors**
- 20 high priority** and highly prospective strong **discrete late time targets** along regional structural trends
- EM Targets are **supported by the stream geochemistry** samples and rock samples.
- Catchments** where priority late time EM conductors found **show elevated Cr, Ni, Cu** and other pathfinder elements
- Planning and **approvals process complete**; phase 1 **moving loop EM survey underway** to help refine the future drilling of priority targets



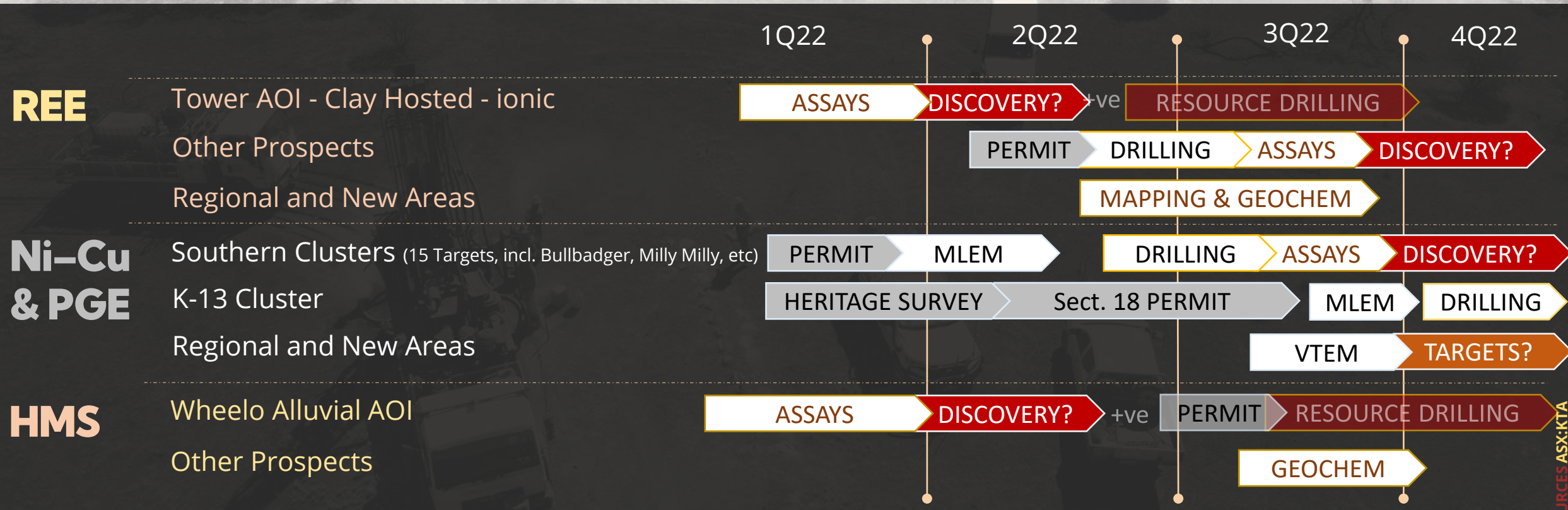
NOVA BOLLINGER - EM COMPARISON

Sirius Resources - Nova Bollinger EM Conductor that lead to the discovery was a discreet late time EM conductor – See inserts, all at same scale for size comparison.



Exploration Schedule Mt Clere 2022 – KEY MILESTONES

AGGRESSIVE YET SYSTEMATIC EXPLORATION CONTINUING in 2022



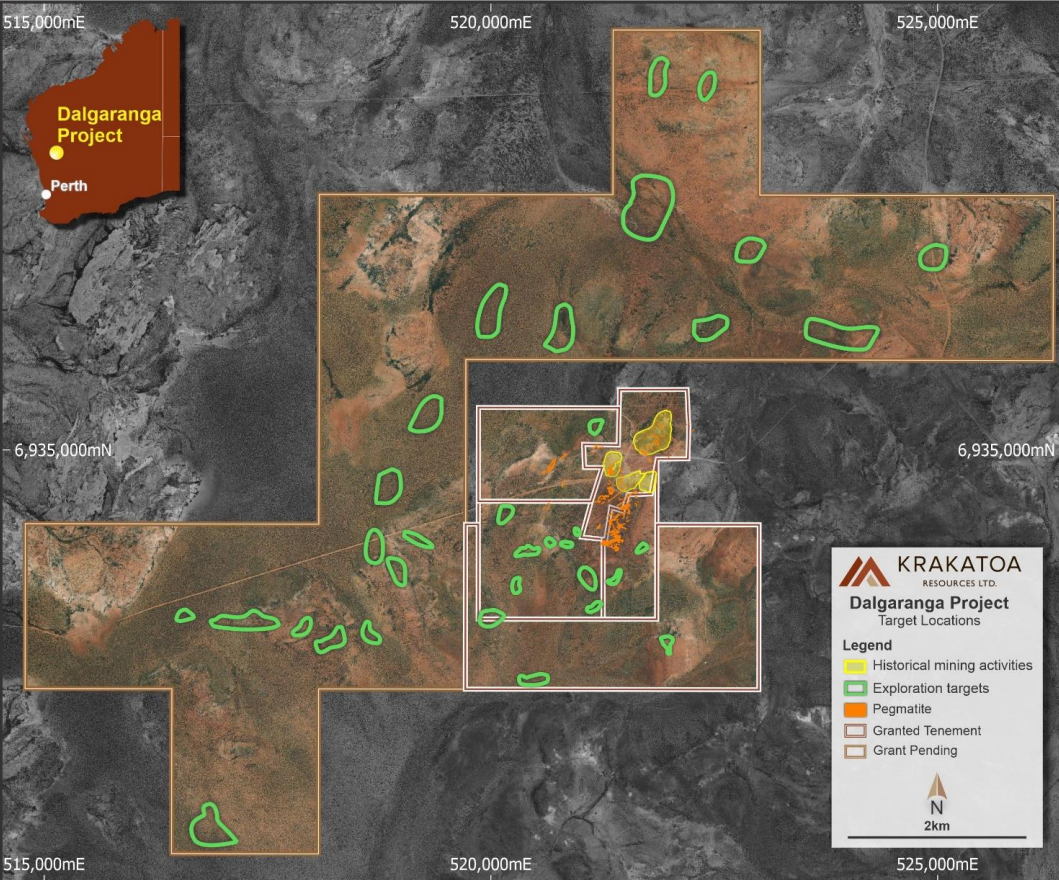
Krakatoa is an Active Explorer on the verge of several major discoveries at Mt Clere; which will be transformable for the company and a significant opportunity for shareholders.



DALGARANGA



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TANTALUM MINE within LCT PEGMATITE SWARMS

Rb, Li, Sn, Ta, Nb +/- W

BROWNFIELDS SPECIALITY METALS PROJECT IN THE MURCHISON REGION OF WESTERN AUSTRALIA.

- Dalgaranga was discovered around 1961 and underwent small scale **mining over many years**, producing tantalum, beryl, tin and tungsten.
- Prospective for **Tantalum, Lithium, Niobium, Tin and Rubidium**. Multiply pegmatites swarms identified.
- Drilling by KTA in 2017 revealed **wide zones (up to 71m) of Rubidium⁽¹⁾** enrichment the existence of Tin, Tantalum, and Niobium, a mineralised extensions immediately along strike and east of the open pit
- Significant **Exploration Target** defined from 2017 KTA drilling and historical holes next to the historical open pit area. ⁽²⁾
- Rubidium is a **high-value metal** used for solar panels (photoelectric cells), motion sensor and night vision devices, and medical imaging devices.
- Krakatoa rock chips taken near the historical open pit returned significant number of rubidium values exceeding 800ppm, with a maximum value **greater than 5000ppm Rb.** ⁽³⁾

¹⁾ Refer to ASX Announcement 31 October 2017 for details.

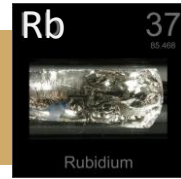
²⁾ Refer to ASX Announcement 8 November 2021 for details

³⁾ Refer to ASX Announcement 16 June 2017 and 14 August 2017 for details on the sampling exploration and assay methods.

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



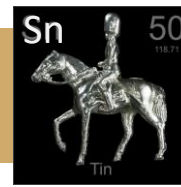
500-2000



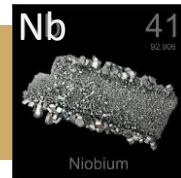
25-100



50-300



50-700

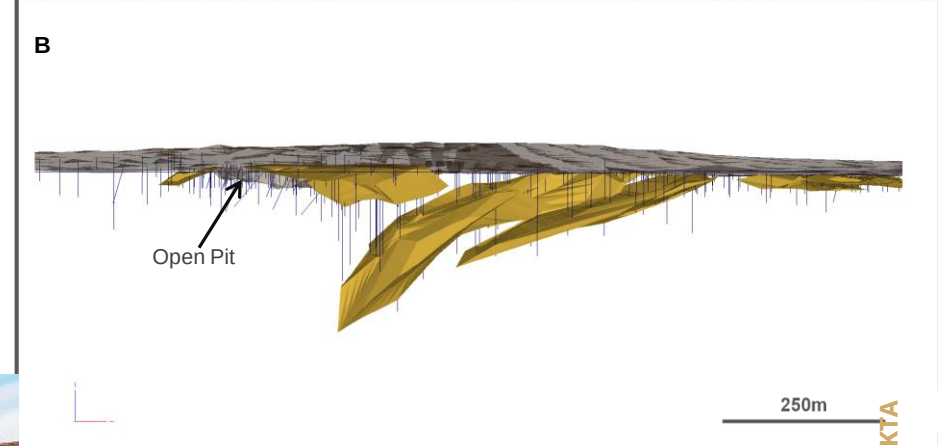
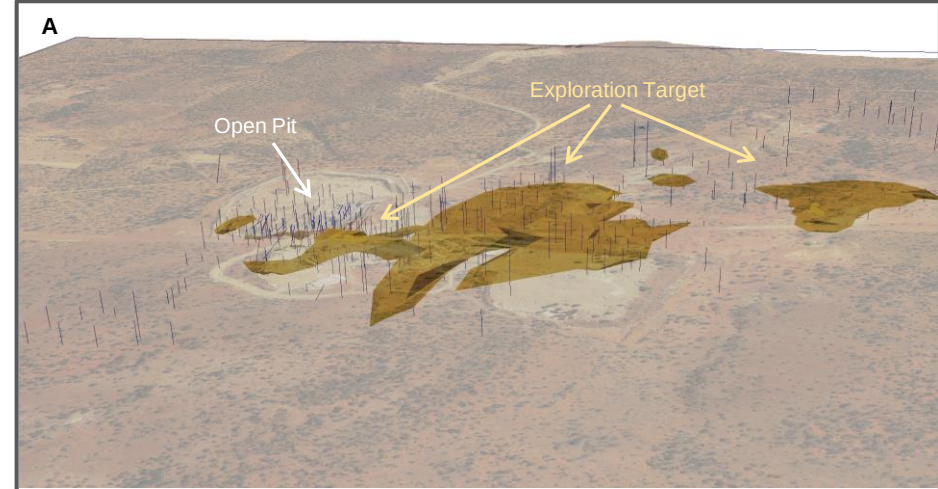


100-500



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.

Exploration Schedule Dalgaranga 2022 – KEY MILESTONES

AGGRESSIVE YET SYSTEMATIC EXPLORATION CONTINUING in 2022

Speciality Metals

Resource Development

Preliminary Economic Assessment

Commercialisation

Regional and New Area Exploration

Define New targets

1Q22

2Q22

3Q22

4Q22

PERMIT

DRILLING

ASSAYS

RESOURCE

+ve

DRILLING

+ve

MET. TESTWORK

PEA

OFF-TAKE or PARTNERSHIP

MAPPING & GEOCHEM

DISCOVERY?

+ve

PERMIT

DRILLING

ASSAYS

The global Rubidium market is expected to grow at a CAGR +4% through till 2026

The global Lithium market is expected to grow at a CAGR +19% through till 2027

The global Tantalum market is expected to grow at a CAGR +6% through till 2027

The global Niobium market is expected to grow at a CAGR +5% through till 2027

Source: Mordor Intelligence and SMM

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



- Specialty Glass
- Biomedical
- Electronics
- Other Applications
- Pyrotechnics



RAND



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BULGANDRY GOLD PROSPECT

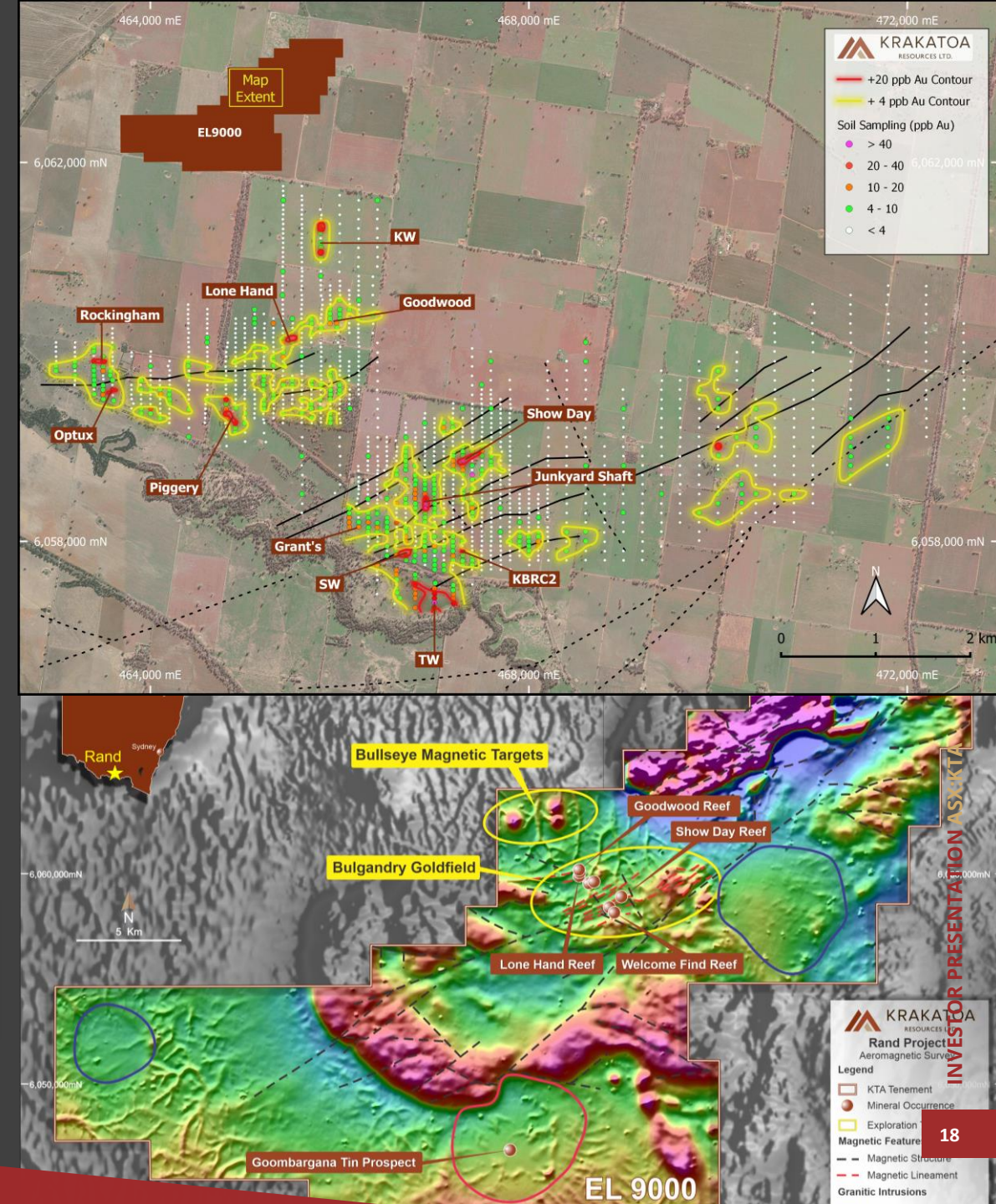
Historic high-grade gold mines in limited outcrop within Central Lachlan Fold Belt, NSW

- The Bulgandry Goldfield comprises several shallow mines which historically produced **grades up to 265g/t gold⁽¹⁾**. Recent drilling has confirmed gold below Goodwood Reef mine area
- Substantial rock samples across limited outcrop returned significant **gold results including, 81g/t, 70g/t, 21g/t, 17g/t, 14g/t, 10g/t** from various areas around the Bulgandry goldfield area ⁽²⁾
- Multiple large (1-3km) coherent and **robust gold anomalies defined⁽¹⁾** from regional auger soil geochemical surveys
- Several **new IRGS targets** defined outside of known workings and rock chips, several parallel
- Broad-spaced, **first pass drilling confirmed gold mineralisation** at several historic mines and prospects
- Gold mineralisation encountered highlights the **significant exploration upside** that exists within the 6km zone of magnetic lineaments

NEXT STEP – Complete ground geophysics followed by reconnaissance drilling program in 2022.

(1) Refer to ASX Announcement 7 October 2020 and 23 March 2022 for details

(2) Refer to ASX Announcements 7 October 2020, 23 February 2021, 21 April 2021 and 23 March 2022 on the sampling exploration and assay methods.



NEW REGOLITH REE DISCOVERIES

Discovered in November 2021 ⁽¹⁾

Analysis reveals anomalous REEs from shallow AC drilling program at the Rand Magnetic Bullseyes

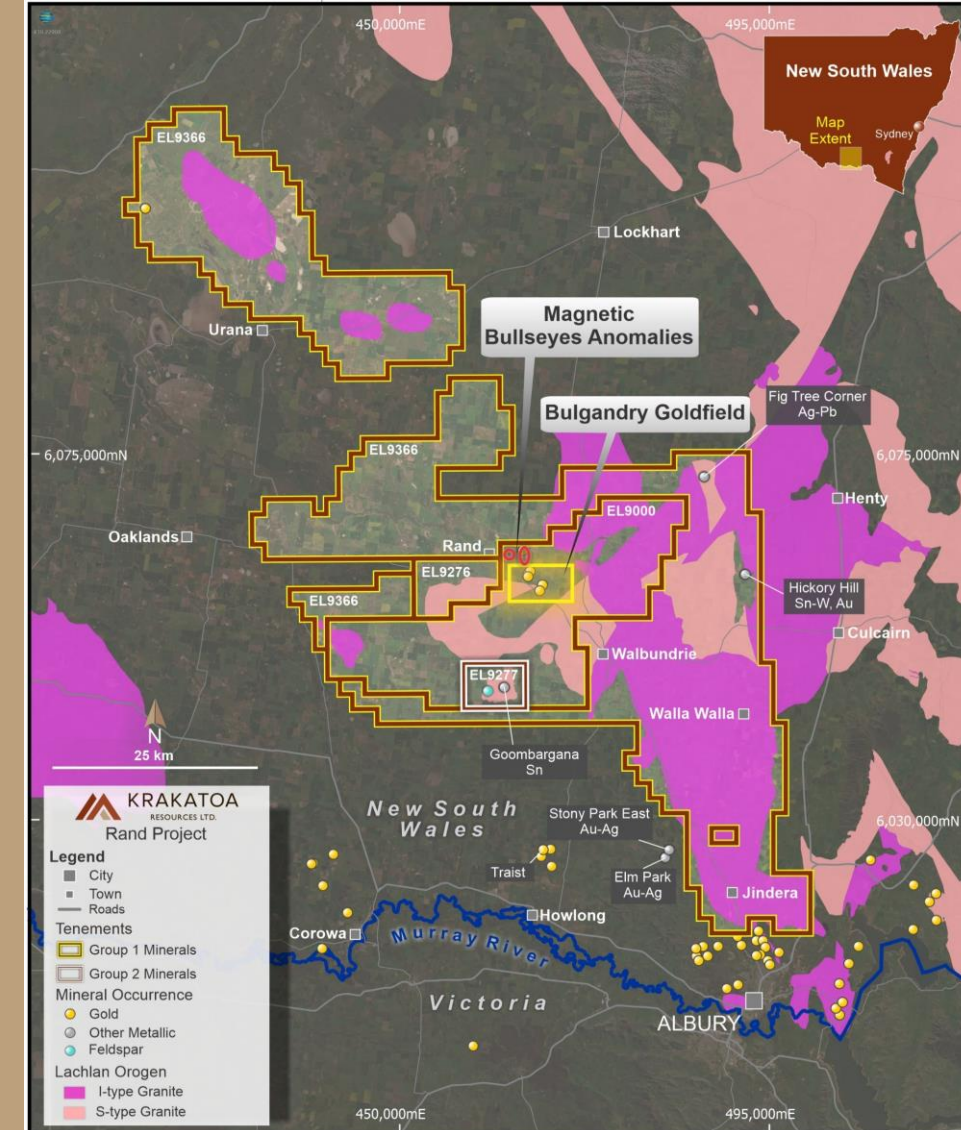
Significant REE intersections discovered over re-assayed (REE) samples include:

- 11m @ 1,223ppm TREO from 43m (HAC020)
- 7m @ 1,285ppm TREO from 42m; within 28m @ 598ppm TREO from 38m to EOH (HAC023)
- 4m @ 1,424ppm TREO from 35m; within 12m @ 633ppm TREO from 31m (HAC029)
- 8m @ 1,230ppm TREO from 9m; within 35m @ 579ppm TREO from 1m to EOH (HAC043)

Analysis using weak acid solution (WAR) displays weakly bound, highly soluble REEs, characteristic of ionic absorption clay REE deposits

- Up to 86% recovery using WAR over intrusive basement and up to 77% recovery within metasediments

Significant and strategic new regional land holding recently granted, expanding the Rand Project by a further 2,241km²

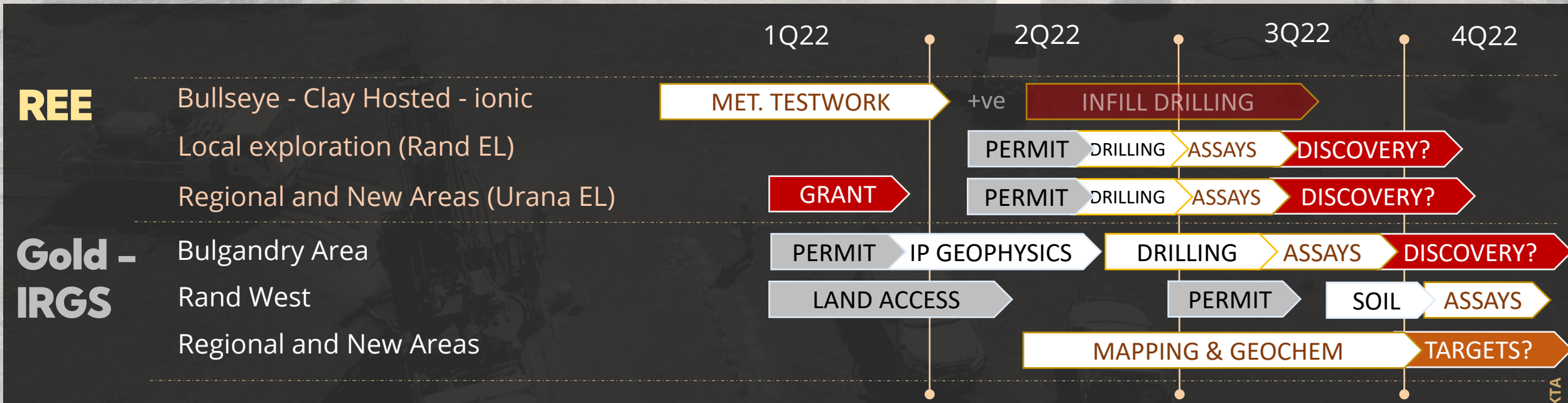


(1) Refer to ASX Announcement 8 December 2021 for details on the discovery and assay methods.



Exploration Schedule Rand 2022 – KEY MILESTONES

AGGRESSIVE YET SYSTEMATIC EXPLORATION CONTINUING in 2022



Metallurgical test work on the initial ionic REE samples underway.

Granting of the new extensive land position is complete – reconnaissance drilling planning and permitting in progress

Advancing the Bulgandry IRGS soil anomalies with IP geophysics with the intention to drilling the targets in 2022.



KEY INVESTMENT HIGHLIGHTS

- ▲ 100% OWNED
- ▲ CLEAR DIRECTION CORRELATED TO FUTURE ELECTRIFICATION METALS
- ▲ EXPENDITURE IS EXPLORATION FOCUSED - 90%\$ IN GROUND
- ▲ HIGHLY SUCCESSFUL MAIDEN YEAR AT MT CLERE WITH IDENTIFYING REE, Ni-Cu-PGE SULPHIDE & HMS TARGETS
- ✓ 2022 WORK PROGRAMS WILL BE COMPANY DEFINING



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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 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.

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 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 23 March 2022.

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ENQUIRIES

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