

## **KRAKATOA 100% OWNED**

Over 2,300km<sup>2</sup> located on the Northern margins of the Yilgarn Craton in Western Australia



Rare Earth Elements (REEs)

- Widespread, high-grade REEs identified in stream samples
- Maiden drilling completed assays pending, due very soon
- Potentially ionic clay hosted regolith confirmation pending



Ni-Cu-(Co)-(PGE's) Sulphides

VTEM discovered multiple major discrete late time targets



**Heavy Mineral Sands (HMS)** 

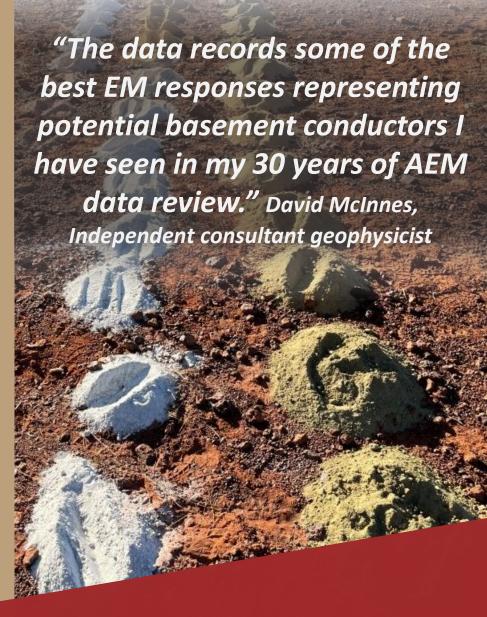
- Including zircon, rutile, ilmenite, monazite and leucoxene
- Maiden drilling completed assays pending, due very soon



## **BUILDING ON FOUNDATIONS LAID IN 2021**

- Extensive geochem surveys define multiple key *Areas of Interest*
- Maiden drilling completed for Regolith REES & Heavy Minerals
  - Assay Results Pending
- VTEM for sulphide Ni-Cu-(Co)-(PGEs) now completed, with 20 discrete late time targets interpreted
  - Looking for Julimar style sulphide deposits
  - MLEM to commence imminently and refine targets for drilling

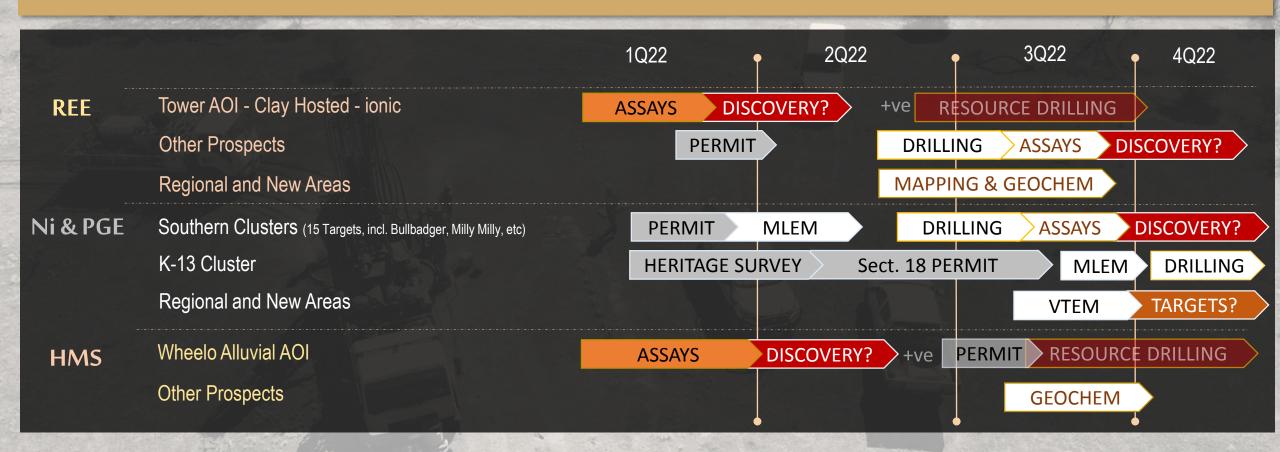
More strategic licenses granted





## **Exploration Schedule 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.

## ASX REGOLITH REE PEERS MONDAY 21/2/22

IXR: Ionic Rare Earths Ltd (confirmed IAC hosted)

- Market Cap': \$191,000,000
- Ownership: 60%\* \*Pre-emptive right to 100%
- Location: Uganda
- Resource: JORC 2021 (indicated) 66Mt @ 820ppm TREO & (inferred) 248 Mt
- @ 610ppm TREO Source: Company announcement 3/3/2021

**AR3: Australian Rare Earths Ltd** 

- Market Cap': \$97,000,000
- Ownership: 100%
- Location: Eastern Australia
- Resource: JORC 2021 (inferred) 39.9Mt @725ppm TREO Source: IPO

Prospectus of 2021

**MRD: Mt Ridley Mines Ltd** 

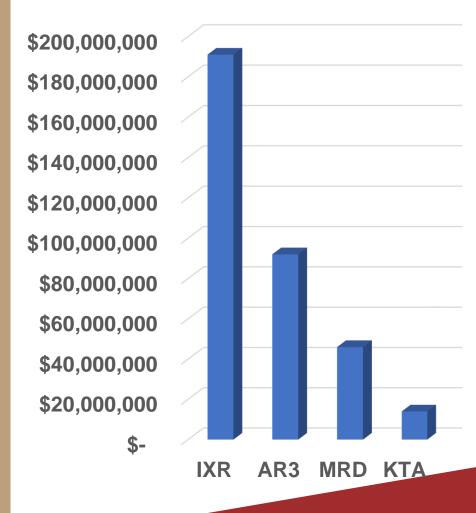
- Market Cap': \$49,000,000
- Ownership: 100%
- Location: Western Australia
- Resource: Nil

KTA: Krakatoa Resources Ltd (Prospective for IAC hosted)

- Market Cap': \$13,000,000
- Ownership: 100%
- Location: Western Australia
- Resource: Yet to be defined.

Aggressive resource drilling planned for 2022

# ASX Regolith REE Market Cap' Comparisons





## **Market trends**

- Technical revolution driven by clean renewable energy has increased demand in Ni-Cu and REE's.
- Ni is trading at a 10 Year high.
- Nd & Pr prices have risen sharply over last 6 months.
- Nd & Pr demand growing at +9% CAGR over this decade (Adamasintel.com)



RMB 210.000

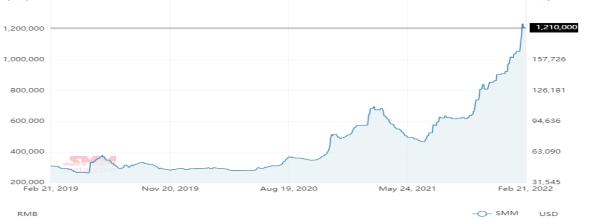
1.400.000



-O- SMM -O- SHFE -O- LME

220.817











Source: Shanghai Metals Exchange (SMM). Nickel reported as 99.9% Ni content with SMM and LME; Nd reported as Neodymium Oxide, Pr reported as Praseodymium Oxide. All listed in Chinese Yang (left) and US dollars (right) over three year period on a daily price average.



## MT CLERE REES OVERVIEW

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

- Ion adsorption clays
- Clay hosted regolith REES
- Monazite sands in vast alluvial terraces
- Primary carbonatite sources of the regolith

Mt Clere hosts abundant REE geochemical anomalies originally delineated by several previous explorers including BHP who were not looking for REES (Refer to ASX announcement October 9, 2020).

### **Including:**

- Ion adsorption clay REE targets in "extensive laterite areas"
- Significant REE findings in widespread monazite sands concentrated within drainage networks etc

## WIDESPREAD, HIGH-GRADE REES DISCOVERED BY KTA AT MT CLERE

Stream Sediment Programs in 2021 returned: Highly anomalous REEs discovered within extensive catchments with total rare earth oxide (TREO) stream sample values including:

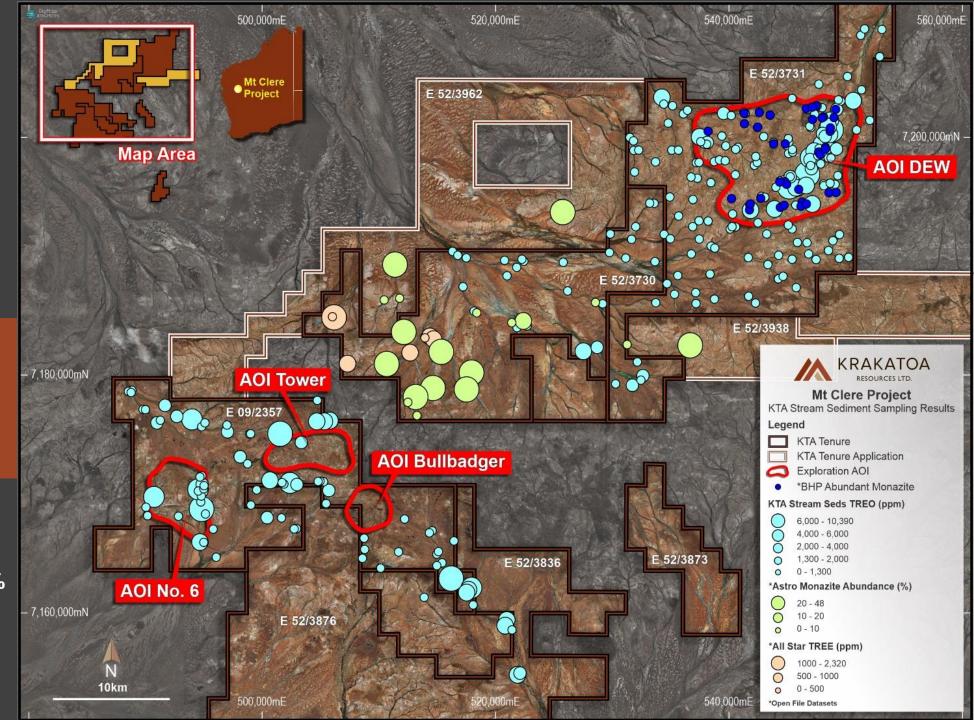
10,380ppm 8,320ppm

8,126ppm 7,198ppm

7,887ppm 6,790pm

5,456ppm 5,774ppm

High value REE magnet elements (Nd, Pr, Dy, Sm, Gd and Tb) comprise up to 33% of the TREO, averaging >25% Dew AOI covers an area amounting to approximately 150Km<sup>2</sup> with well developed laterite profile.



# Maiden Drilling Completed for REEs & Heavy Minerals

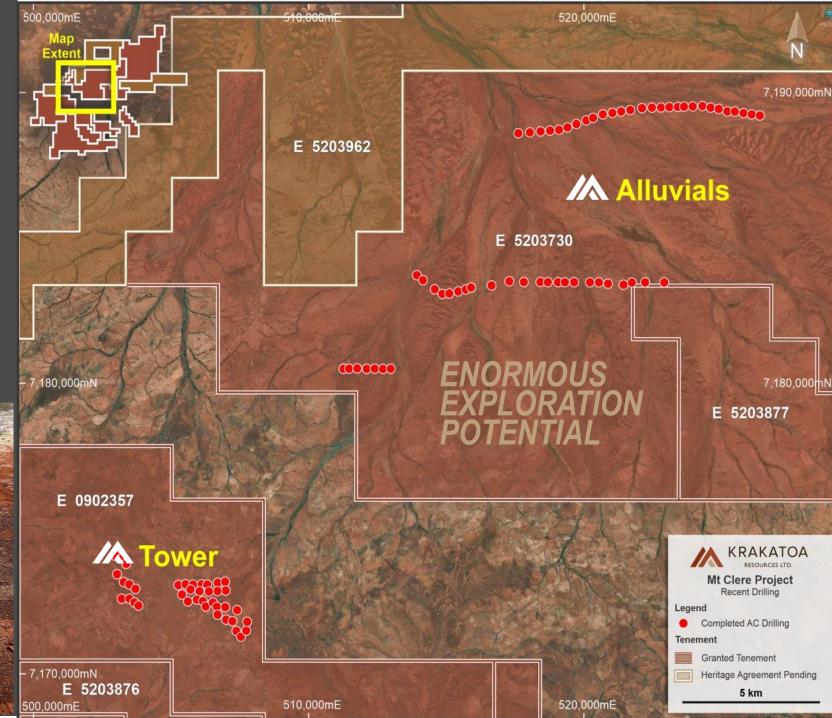
## **Assays Pending**

Scout drilling program consisted of 95 holes for 3,383 meters.

Drilling tested a fraction of the well-developed clay-rich regolith profiles that could be prospective for ion adsorption REE mineralisation

Typical drill spoil from AC holes drilled in the Tower area.







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

### **Maiden Stream Sediment Program 2021**

Several anomalous Ni-Cu-Co-Pb-Cr catchment areas have also been identified within E09/2357, demonstrating the prospectivity for Ni-Cu-PGE deposits.

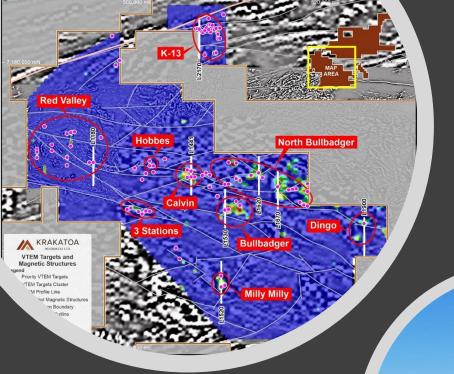
### **Maiden Rock Chip Program 2021**

Assays revealing coincident elevated nickel (upto 714ppm), platinum (upto 20.1ppb), palladium (upto 12.6ppb), chromite (5,220ppm), +/- copper and cobalt; over two areas with extensive mafic-ultramafic rocks

### **Maiden VTEM Survey 2021**

Highly successful program produced 20 major anomalies. Ground EM and future drilling over priority targets planned for 2022.





## HIGHLY SUCCESSFUL VTEM SURVEY **IDENTIFIED MULTIPLE CONDUCTORS FOR Ni-Cu-Co-PGES SULPHIDES**

1,966-line kilometre Versatile Time-domain Electro-Magnetic (VTEM) survey results



20 strong discrete late time high priority targets along regional structural trends highly prospective for Julimar type discoveries identified

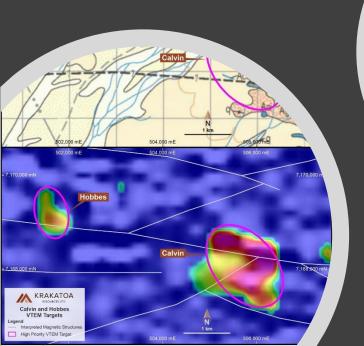


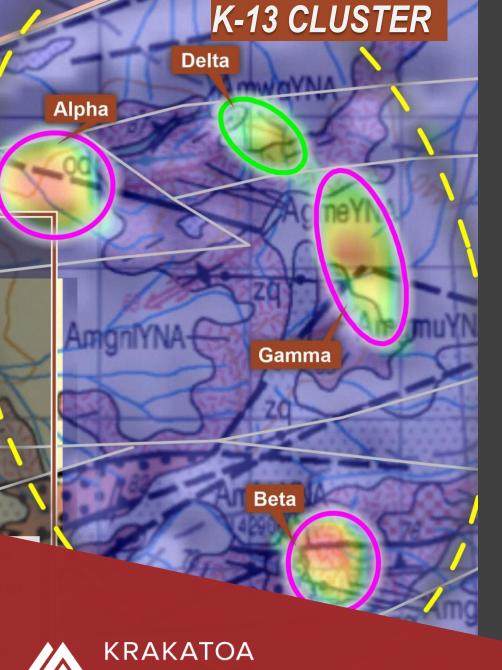
Processing of the high priority targets has delineated:

- localised focal clusters of discrete priority targets congregating within a central area, and
- multiple discrete priority targets clustered along extensive structural **lineaments**



Planning and approvals process underway for ground EM and future drilling over priority targets





## **KEY INVESTMENT HIGHLIGHTS**

- **100% OWNED**
- **EXPLORATION FOCUSED-90%\$ IN GROUND**
- MAIDEN YEAR SUCCESSFULLY IDENTIFIED REE, HMS & Ni-PGE SULPHIDE TARGETS
- **№** 2022 WORK PROGRAMS WILL BE COMPANY DEFINING
  - Resource clay hosted REE & HMS drilling
    - Maiden drill program assays pending
  - o Ionic REE metallurgical testing
  - Field mapping and intensive soil and rock survey over identified geochemical areas of interest
  - Stream sediment sampling and mapping on newly granted licenses
  - Maiden VTEM Airborne survey for Ni-Cu-(Co)-(PGE's)
     completed with 20 major anomalies interpreted
    - Planning and approvals process underway for ground EM and future drilling over priority targets
  - Target generation and selection for drill testing

# **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 lan Cooper Exploration Consultant - NSW

## CAPITAL STRUCTURE @ 4.5C **FEBRUARY 2022**

\$13.3M \$11.9M

**Market Cap** 

295M Shares on issue

**EV** (Cash of \$1.36m at 31/12/21)

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

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



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#### **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 Australian Institute of Mining and Metallurgy and is a full-time employee of Krakatoa Resources. Mr Major has sufficient experience relevant to the style of mineralization and type of deposit under consideration, and to the activity in 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 King 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 the exploration results extracted from the Company's announcements to the ASX from 10 February 2017 to 25 February 2022.

This presentation is authorised for release by the Board.



### **ENQUIRIES**

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