

## CAZALY SECURES LARGE LANDHOLDING IN RARE EARTHS HOT SPOT

### Highlights:

- Cazaly captures +1,000km<sup>2</sup> tenure prospective for rare earth elements (REE) and base metals around the Lyons River Fault and Talga Fault in the Gascoyne Province
- Multiple phases of REE mineralisation are associated with the Lyons River Fault
- Highly prospective region for REE (Hastings: Yangibana, Dreadnought: Yin) and Base Metals (Galena: Abra Mine)

Cazaly Resources Limited (ASX: CAZ, Cazaly, or the Company) is pleased to announce it has secured over 1,000km<sup>2</sup> of tenure within the emerging REE district of the Gascoyne Province, Western Australia.

The tenure consists of a total of six tenements, that together form the Lyons Project a very prospective package of ground in the Bangemall Basin (see Figure 1). Four tenements were targeted and pegged by Cazaly around the Lyons River Fault and Talga Fault, with one of the four tenements now granted.

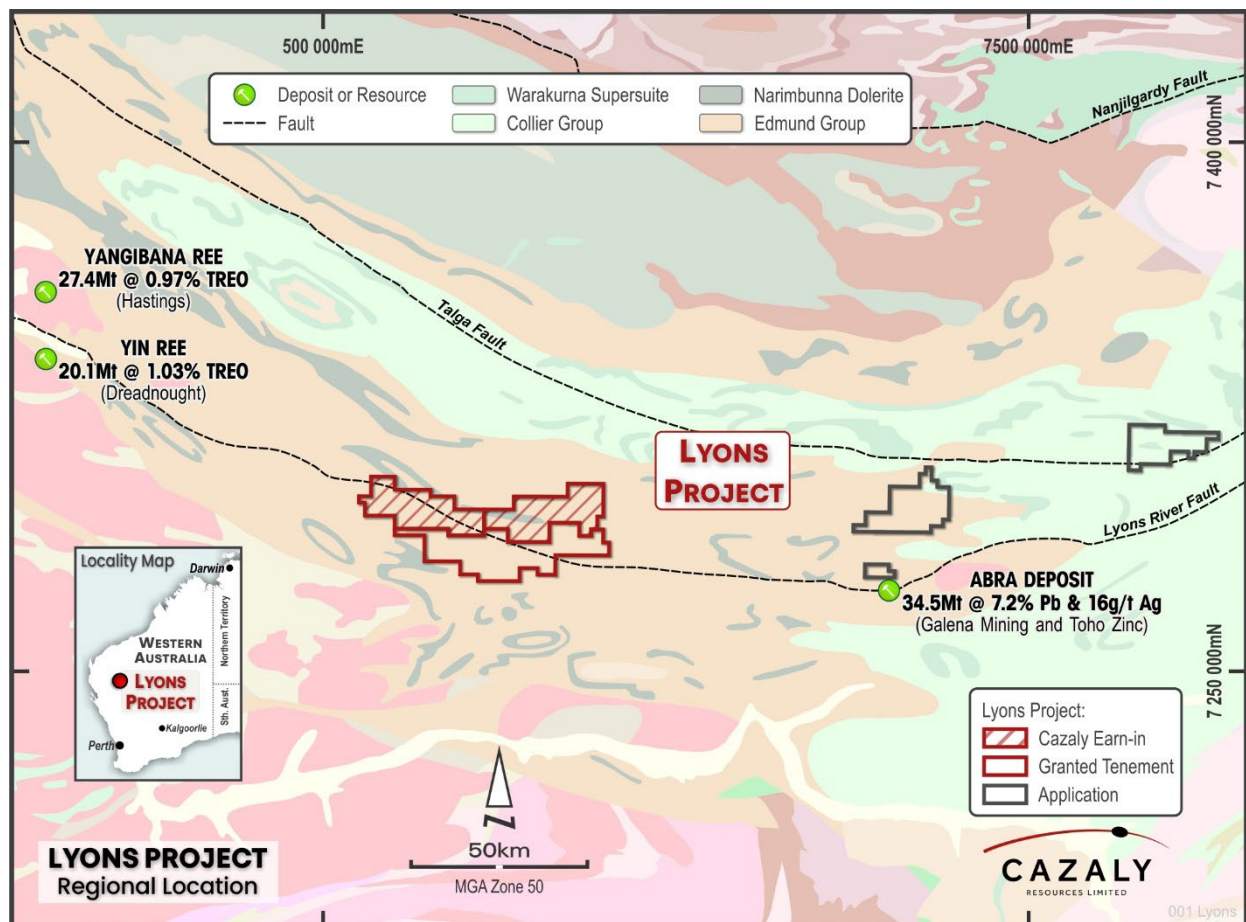


Figure 1. Lyons Project Location within the Bangemall Basin.

The remaining two granted tenements along the Lyons River Fault (E09/2671 and E52/4040), consolidate the Lyons Project via an exclusive binding option agreement to acquire up to 100% with private company Murchison REE Pty Ltd (Figure 1).

#### **Terms of Agreement:**

1. Pay \$50,000 for a 12-month exclusive option to acquire up to 100% of E09/2671 and E52/4040
2. Cazaly may execute the option by;
  - a. Paying the vendors \$30,000 in cash or shares at CAZ's election to earn 50% project equity
  - b. Committing \$200,000 to exploration expenditure within two years to earn 100% project equity
  - c. Upon the delineation of a minimum JORC compliant resource of 300,000oz Au (or metal equivalent) paying \$200,000 in cash/shares
  - d. Upon a Decision to Mine paying \$1M in cash/shares
  - e. Murchison REE Pty Ltd maintain a 1% NSR on the project

#### **Commenting on the landholding, Cazaly Resources Managing Director Tara French said:**

*"The Gascoyne is emerging as a hot spot for rare earths and we are excited to have secured such a significant landholding in the region. Importantly, the new tenements sit along the Lyons River Fault which is considered to be the conduit for mineralised fluids that formed the ferrocarnatites which are host to the world-class Yangibana and Yin REE deposits. The structural complexity around the Lyons River Fault highlights the potential for further discoveries along this structure. This package represents an excellent opportunity with only limited historical exploration for lead, zinc, and manganese. A reconnaissance field trip has been planned to determine the best exploration methods to apply to this area to advance the project and delineate REE targets early."*

#### **Geology**

The Lyons River Fault and Talga Fault represent major crustal sutures in the central part of the Gascoyne Province which provided a suitable plumbing system for the transportation of mineralised fluids. Hastings Yangibana and Dreadnoughts Yin REE deposits are located along cross cutting ferrocarnatites structures adjacent to the Lyons River Fault. The Abra base metal deposit is associated with splays off the Lyons River Fault.

The Edmund Group consists of a package of Proterozoic sediments within the Gascoyne Province. The sediments are mostly siliciclastic and carbonate sediments deformed and metamorphosed during multiple orogenic events, that gave rise to significant magmatic activity resulting in the emplacement of gabbroic to granitic stocks and carbonatite intrusions across district. Dreadnought Resources have previously reported multiple mineralised carbonatites within the Edmund Group in close proximity to the Lyons River Fault.<sup>1</sup>

#### **Emerging REE district**

The Gascoyne region is highly prospective for rare earth elements (REE) as well as base metals.

Hastings Technology Metals (ASX: HAS) and Dreadnought Resources (ASX: DRE) REE projects are located approximately 100 km northwest from Cazaly's tenement package along the Lyons River Fault (Figure 1).

---

<sup>1</sup> Refer to DRE ASX Announcement dated 25 July 2023

Hastings is currently advancing construction of Yangibana which will produce a Mixed Rare Earth Carbonate (MREC) rich in Neodymium (Nd) and Praseodymium (Pr). The project has an NPV of \$466 million, a 15-year mine life and current JORC resource of 27.4Mt @ 0.97% Total Rare Earths Oxides (TREO).<sup>2</sup> Yangibana is under construction and development with first production planned for 2024.<sup>3</sup>

Dreadnought recently announced an updated resource for Yin Rare Earth Element (REE) Ironstone Complex of 20.06Mt grading at 1.03% TREO. The resource covered only 4km, or ~10%, of the 43km long Yin REE Ironstone Complex.<sup>4</sup>

In addition, the Gascoyne region hosts the Abra Base Metals Mine, a lead-silver joint venture mining operation (60%: Galena Mining and 40%: Toho Zinc) which lies adjacent to the Lyons Project tenement package. The Abra Mine, which has a JORC resource of 34.5Mt grading at 7.2% lead and 16g/t silver, produced first concentrate<sup>5</sup> and achieved its first concentrate shipment<sup>6</sup> from Geraldton port earlier this year.

### **Next Steps**

Work has commenced on a compilation of all available historic data sets for the project. The data is being reviewed in order to prioritise targets for initial field assessment. A study of available imagery has highlighted areas with potential for ironstone outcrop. Broad GSWA geochemical sampling across the region has also indicated potential for REE enrichment.

The process of target generation and prioritisation is close to being complete and it is expected that field work will commence in the 3<sup>rd</sup> Quarter of the calendar year and will consist of ground checks and prospecting where access is available.

### **ENDS**

#### **For and on behalf of the Cazaly Board**

*For further information please contact:*

Tara French (Managing Director) / Mike Robbins (Company Secretary)

**Cazaly Resources Limited ABN 23 101 049 334**

Tel: +61 8 9322 6283 E: [admin@cazalyresources.com.au](mailto:admin@cazalyresources.com.au) Website: [www.cazalyresources.com.au](http://www.cazalyresources.com.au)

#### **Media Enquiries**

David Tasker – Chapter One Advisors

[dtasker@chapteroneadvisors.com.au](mailto:dtasker@chapteroneadvisors.com.au)

+61 433 112 936

#### **Competent Persons Statement**

The information in this report accurately represents the available data as per references provided, and has been reviewed by Ms Tara French and Mr Don Horn, who are employees of the Company. Ms Tara French and Mr Horn are both Members of the Australasian Institute of Geoscientists and have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. The company confirms that it is aware the historical information was not reported in accordance with JORC 2012, it is not aware of any new information or data that materially affects the information included in the original reports. Ms Tara French and Mr Horn both consent to the inclusion of their names in the matters based on the information in the form and context in which it appears.

---

<sup>2</sup> Refer to HAS: ASX announcement dated 5 May 2021

<sup>3</sup> Refer to HAS: ASX announcement dated 7 June 2022

<sup>4</sup> Refer to DRE: ASX announcement dated 5 July 2023

<sup>5</sup> Refer to G1A: ASX announcement dated 13 January 2023

<sup>6</sup> Refer to G1A: ASX announcement dated 27 March 2023.

**Forward Looking Statement**

This ASX announcement may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Cazaly's planned exploration program(s) and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should," and similar expressions are forward looking statements. Although Cazaly Resources believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements. The forward-looking statements in this announcement reflect views held only as at the date of this announcement.