

Diamond Drilling Commences at Earahedy following Heritage Clearance

Metallurgical diamond drilling to focus on:

- **E69/3464 - Providing diamond core for critical beneficiation (DMS and Ore Sorting) programs and initial scoping level studies**

Discovery drilling will focus on:

- **E69/3787 - Extensional RC drilling at the high grade Mato discovery**
- **E69/3464 - Expanding Chinook, Tonka and Navajoh Resources**
- **E69/3464 - Targeting structurally hosted MVT mineralisation**

Rumble Resources Ltd (ASX: RTR) (“Rumble” or “the Company”) is pleased to announce that a heritage survey clearance has been received for the emerging world class Earahedy Zn-Pb-Ag Project (“Earahedy” or the “Project” – see Figure 1), located 110km northeast of Wiluna in Western Australia.

The heritage survey was initially focused on the Chinook, Tonka and Navajoh resource areas within E69/3464 to allow the Company to undertake drilling that will importantly provide diamond core to complete essential metallurgical beneficiation trials (including dense media separation [DMS] and ore sorting) to assess the potential to upgrade lower grade Zn-Pb mineralisation.

An initial six hole, **1200m PQ diamond drilling campaign has commenced (Image 1)** and will provide approximately 1000kg of cored material from the Chinook deposit area where a resource of **63Mt @ 3.0% Zn+Pb** and 4.6g/t Ag (at a 2% Zn+Pb cutoff) – refer to ASX release 19th April 2023, was outlined within optimised pit shells. This drilling is expected to be completed by mid December with key metallurgical studies including beneficiation testing expected to commence in Q1 2024 upon receipt of the samples.



Image 1 – Metallurgical diamond drilling commences at the Chinook Deposit on the E69/3464

Rumble interim Managing Director, Peter Venn said:

“Receipt of this heritage clearance allows us to commence the key beneficiation studies that will further enhance the development qualities of the Earahedy base metal system.”

“The traditional owners and the Tarlka Matuwa Piarku Aboriginal Corporation RNTBC (TMPAC) have been instrumental in completing the heritage surveys and I thank them for their ongoing support and collaboration at the Earahedy Project.”



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The heritage survey clearance also allows the Company to commence further drill testing of the 9km x 3km Mato Prospect. RC drilling is due to commence shortly drilling along strike and up-dip of the recent high grade discovery hole, EHRC733 that intersected **16m @ 5.09% Zn+Pb from 153m including 10m @ 7.05% Zn + Pb from 157m** (refer to ASX release 5th October 2023), and has the potential to delineate a significant new base metal system and mineral resources. An approximate 20 hole or 3000m RC program has now commenced at Mato and is expected to be completed by mid-December, with assays available in Q1 2024.

Further RC and diamond drilling in 2024 is being planned to expand Mato (100% RTR E69/3787 and E69/3862) and the known Chinook, Tonka and Navajoh resources within E69/3464, as well as target new high-grade MVT mineralisation.

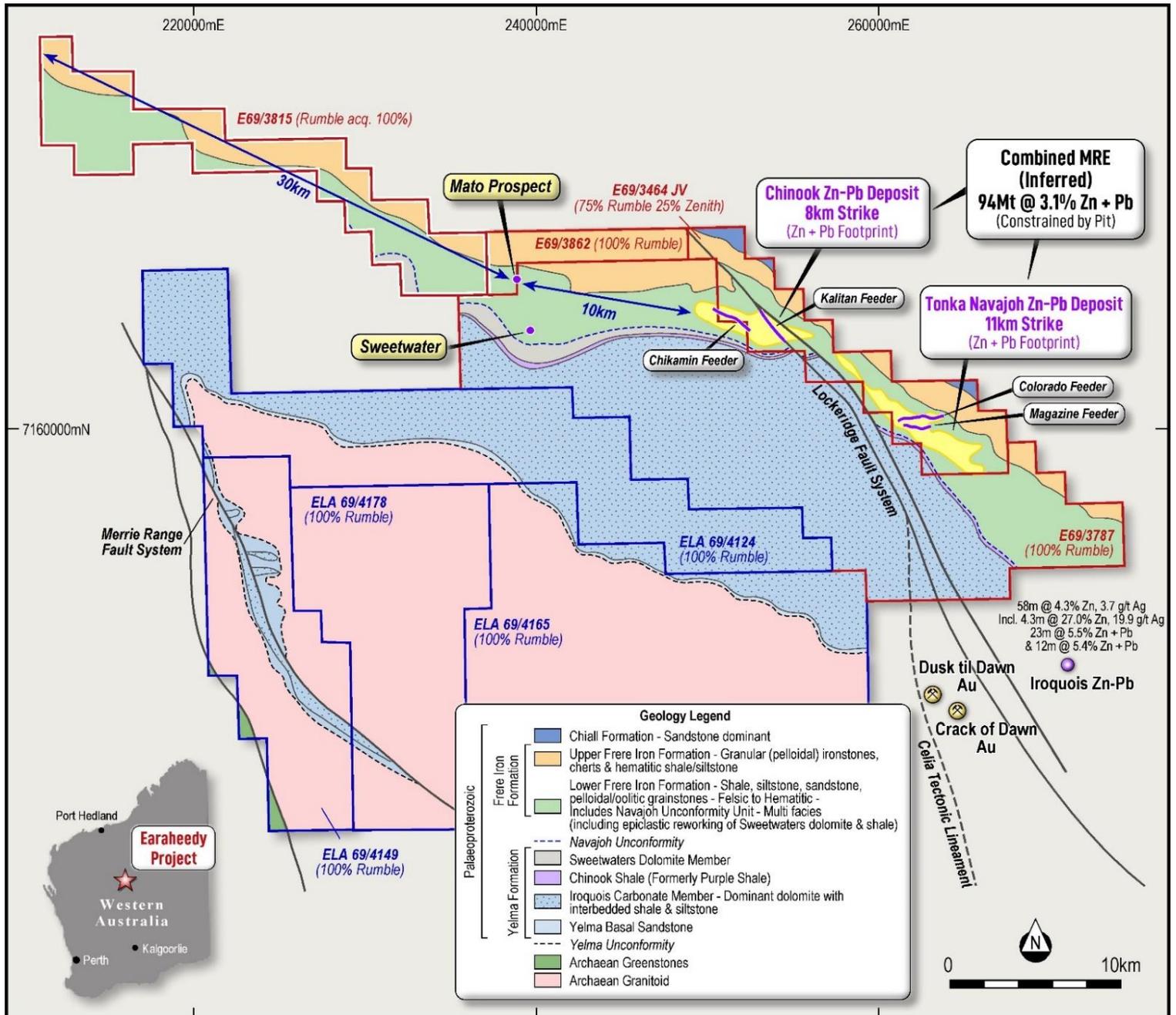


Figure 1: Earaheedy Project – Location of Chinook, Tonka-Navajoh Deposits, and Mato Prospect over interpretative solid geology

About the Earaaheedy Project

The emerging, world class Earaaheedy Zn-Pb-Ag Project is located 110km northeast of Wiluna in Western Australia, with access to major highways, power (gas pipeline), rail, ports, airports, and experienced mining workforce (see Figure 2). The Project includes tenement (E69/3464), which forms the Rumble Resources Ltd 75% / Zenith Minerals Ltd (ASX: ZNC) 25% Joint Venture (“JV”), E69/3787, E69/3862, E69/4124, and exploration licence applications E69/4149, E69/4165 and E69/4178, which are all 100% controlled by Rumble (see Figure 1).

In addition to the above tenements, Rumble is acquiring (100% RTR) four granted exploration licences that lie north and northwest of the existing tenure – refer to ASX release 24th October 2023. These tenements comprise of E69/3815, E69/3842, E69/3889 and E52/3879 (see Figure 3). The addition of the latest tenure will increase the Earaaheedy Project landholding to over 1760km² in area.

Rumble announced a major discovery on 19th April 2021, and 2 years later announced a globally significant, pit constrained, maiden inferred Mineral Resource Estimate (MRE) of **94Mt @ 3.1% Zn+Pb and 4.1g/t Ag (at a 2% Zn+Pb cutoff)** – refer to ASX release 19th April 2023. This maiden MRE confirmed the Earaaheedy Project as one of the largest global zinc sulphide discoveries in the last decade. The strength of the MRE is supported by 41Mt of higher-grade resources that could be part of a possible early development scenario, and a much larger 462Mt resource that could potentially be upgraded via beneficiation, providing the Project with significant future flexibility.

The Project has exceptional near-term growth potential, with the deposits open in all directions and with the recent tenement additions, the strike potential has significantly increased to over 70km. Drilling by Rumble has focused on the Navajoh Unconformity Unit (host to the current resources) with the aim to find large shallow flat lying sulphide deposits amenable to large scale open cut mining, whilst none of the thick underlying geologically fertile formations which could potentially host high-grade MVT deposits have yet been tested.

The sheer scale, optionality, location and extraordinary growth potential of Earaaheedy could see the Project stamp itself as a world class, multi decade asset and play a key role in the future global renewable energy transition.

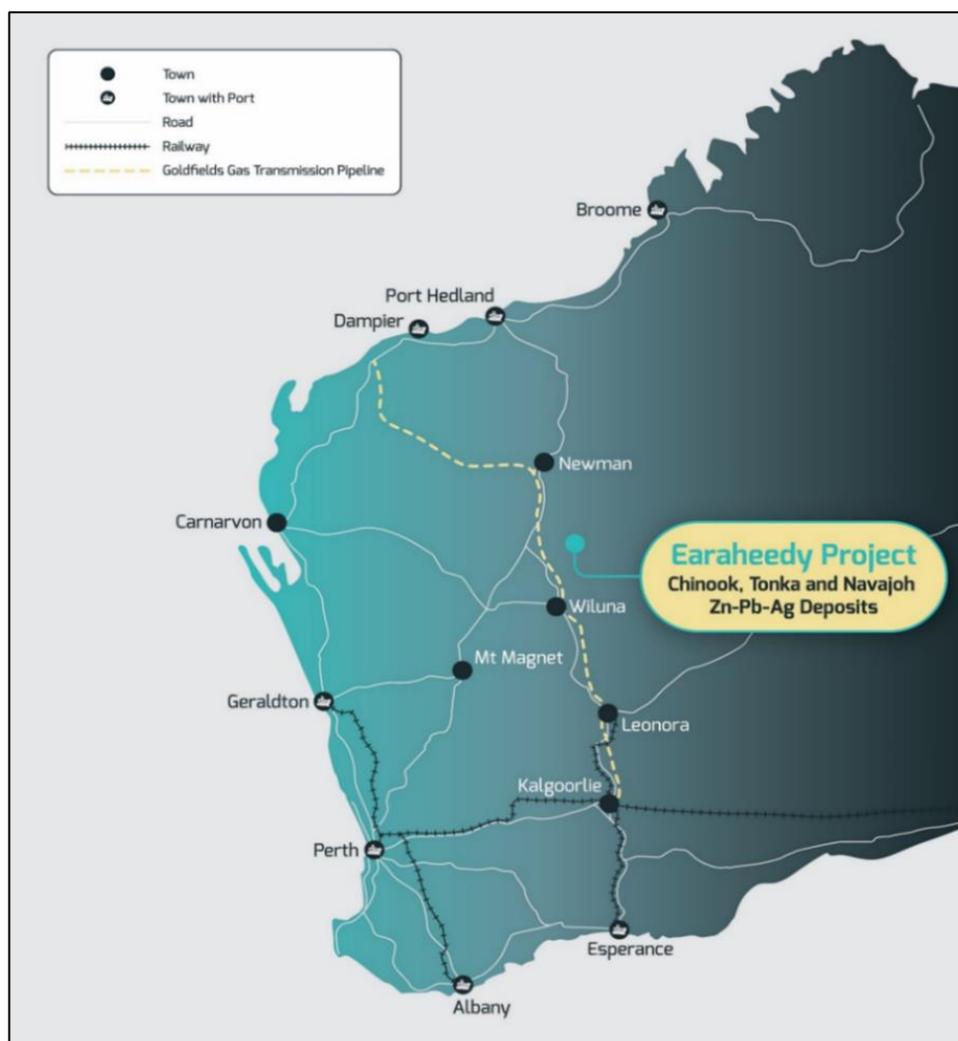


Figure 2: The Earaaheedy Zn-Pb-Ag Project location and existing infrastructure within Western Australia

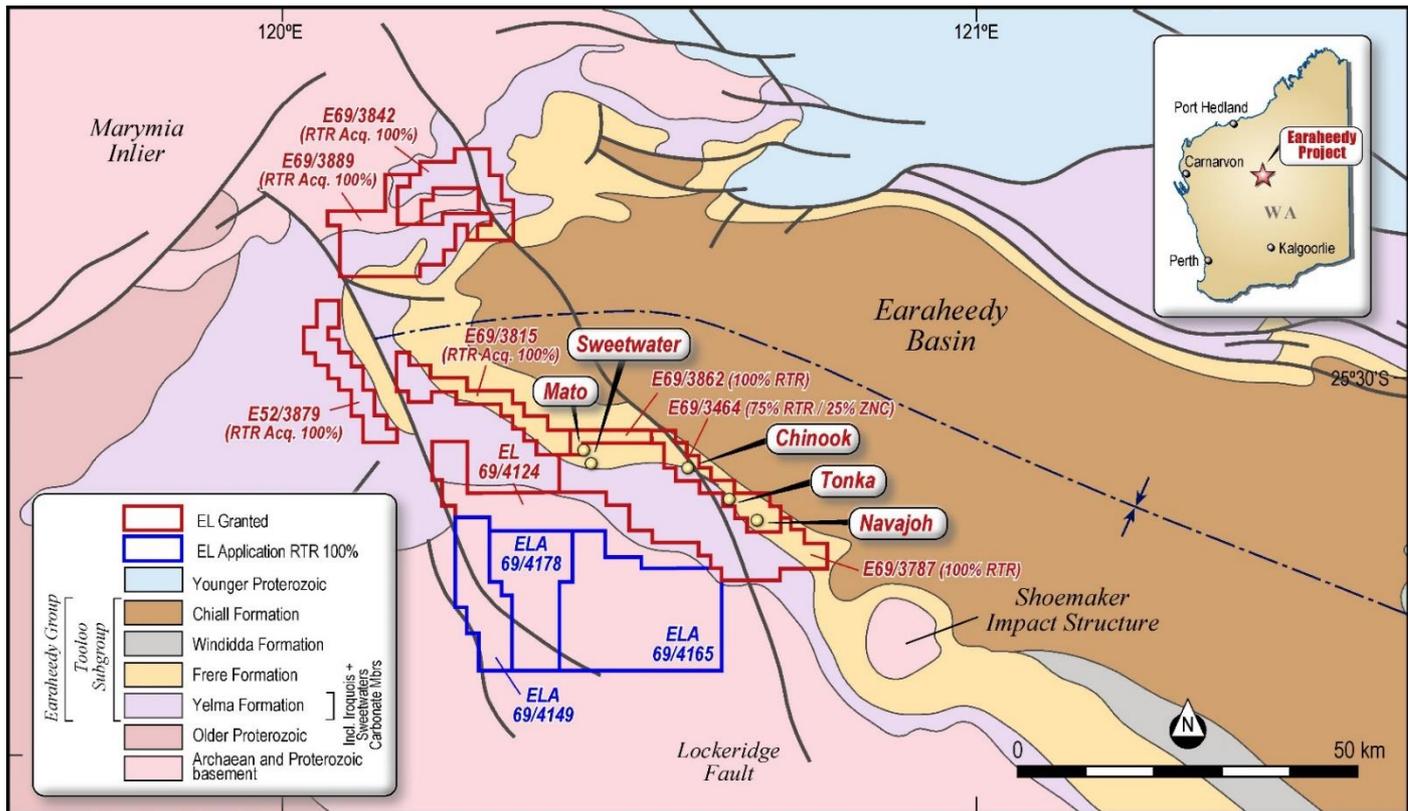


Figure 3: Earraheedy Project – Regional Geology – Earraheedy Basin with Tenement Status

This announcement is authorised for release by Peter Venn, Interim Managing Director of the Company.

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For further information visit rumbleresources.com.au or contact info@rumbleresources.com.au.

Competent Persons Statement

Information in this report that relates to previously reported Exploration Results has been cross-referenced in this report to the date that it was reported to the ASX. The Company confirms that it is not aware of any new information or data that materially affects information included in the relevant market announcements, and that the form and context in which the Competent Person’s findings are presented have not been materially modified. The Company also confirms that it is not aware of any information or data that materially affects the information included in the relevant market announcement and all material assumptions and technical parameters underpinning the estimates in the original announcement in respect of the Earraheedy MRE continue to apply and have not materially changed.