ASX ANNOUNCEMENT

7th February 2022

Drilling Commences on the High-Grade Kalitan Feeder Zone at the Earaheedy Project

- RC drilling has commenced on the recently discovered Kalitan Feeder Zone which has been designed to infill and extend the shallow high-grade sulphide Zn-Pb mineralisation which has been defined over a length of 2.3km and remains open along strike and at depth
- Diamond drilling has concurrently commenced and will target other high-grade sulphide Cu-Zn-Pb-Ag mineralisation styles deeper in the Kalitan Feeder Zone
- Drill assays for 50% of the 50,000m drill program completed in 2021 remain pending, including completed holes EHRC129, 361, 408, and 420, which are interpreted to intersect the Kalitan Feeder Zone

Earaheedy Project – Emerging World Class Base Metal System

- Since the shallow large-scale Chinook discovery in April 2021, a 50,000m scoping drill program has uncovered a rapidly expanding world class scale Zn-Pb-Ag-Cu base metal system, with the drilling continuing to make near surface large-scale & high-grade discoveries along with identifying new large-scale deposit type targets at depth, confirming the province-scale base metal potential at Earaheedy.

Image 1 – RC Rig (foreground) & Diamond Drill Rig (in distance) operating at the Kalitan Feeder Zone

For personal use only

Rumble Resources Ltd

Level 1, 16 Ord Street,
West Perth, WA 6005

T +61 8 6555 3980

F +61 8 6555 3981

rumbleresources.com.au

ASX RTR

Executives & Management

Mr Shane Sikora
Managing Director

Mr Brett Keillor
Technical Director

Mr Matthew Banks
Non-executive Director

Mr Michael Smith
Non-executive Director

Mr Peter Venn
Non-executive Director

Mr Steven Wood
Company Secretary

Rumble Resources Ltd (ASX: RTR) ("Rumble" or "the Company") is pleased to announce drilling has re-commenced on the Earaheedy Project, located approximately 110km northeast of Wiluna, Western Australia, with a focus on the recently discovered Kalitan high-grade sulphide Zn-Pb-Ag-Cu feeder zone (refer ASX announcement 31 January 2022). This multi-rig drill program is designed to define further broad, shallow high-grade Zn-Pb mineralisation within the Kalitan Feeder Zone, whilst also targeting new Cu-Zn-Pb-Ag discoveries at depth.

Kalitan Feeder Zone – RC & Diamond Drilling Commenced

Rumble recently announced that broad spaced drilling had discovered wide, shallow zones of high-grade Zn-Pb-Ag sulphide with Cu mineralisation within the recently discovered and newly named **Kalitan Feeder Zone** at the Chinook Prospect. The Kalitan Feeder Zone strikes northwest, lies along the northeast margin of the Chinook Prospect (mineralised footprint of 4.1km by 1.9km and open in all directions), has been defined over a length of 2.3km and remains open along strike and at depth. The two most significant intercepts to date include:

- EHRC370 returned:
  - **51m @ 4.76% Zn + Pb, 5.81 g/t Ag from 82m*including;**
    - **20m @ 8.78% Zn + Pb, 11.65 g/t Ag** from 98m
      - which includes **8m @ 14.61% Zn + Pb, 17.7 g/t Ag** from 104m, and
- EHRC136 850m NW of EHRC370 returned:
  - **37m @ 3.25% Zn + Pb, 7.18 g/t Ag from 196m*including;**
    - **10m @ 6.57% Zn + Pb, 16.24 g/t Ag from 200m**
  - Within this broad zone of Zn-Pb mineralisation, significant Cu & Ag returned:
    - **4m @ 1.54% Cu with 6.1% Zn +Pb & 23.6 g/t Ag from 204m**

***Intersections are true width**

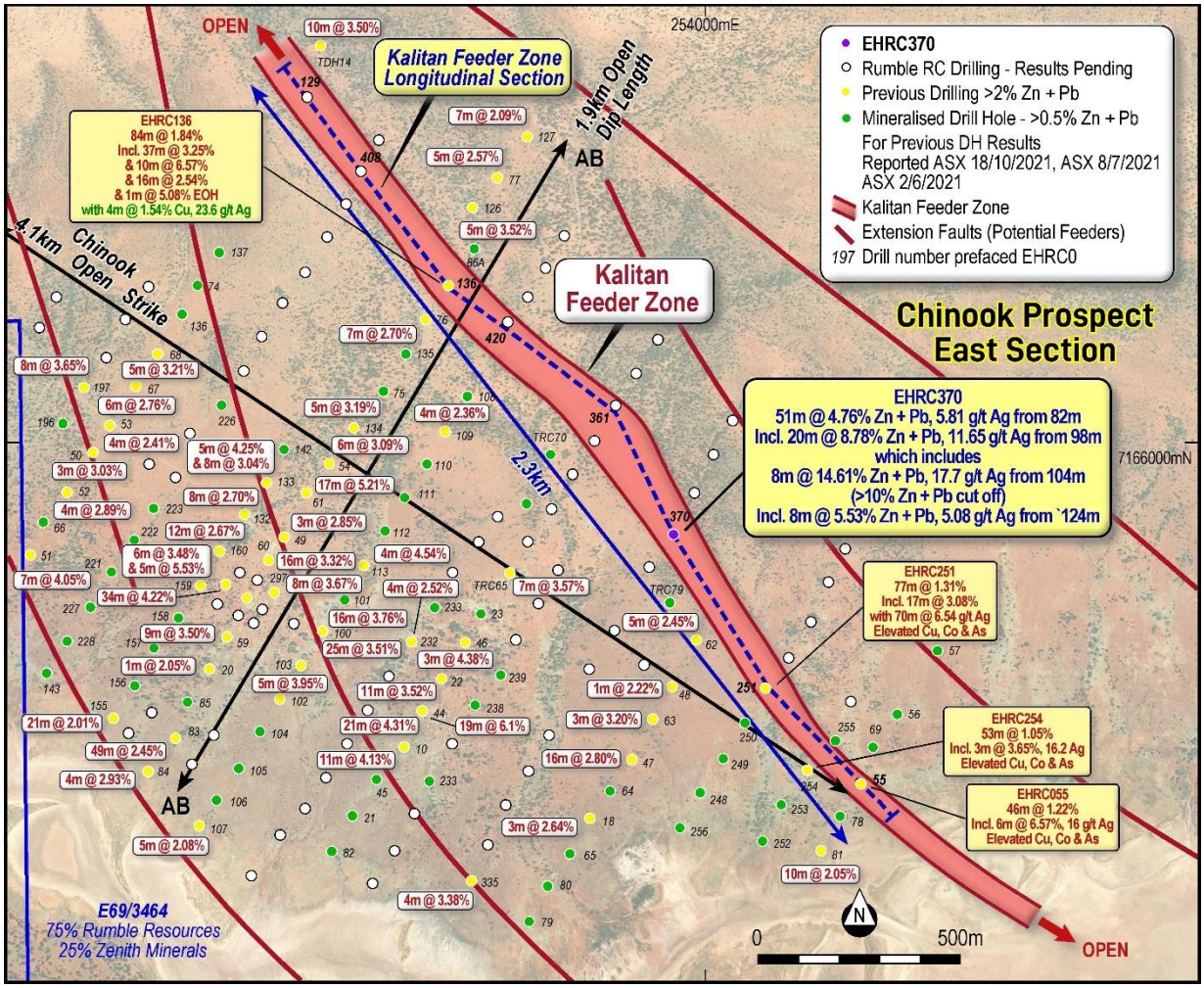

Image 2 – Chinook East Section Plan – Latest EHRC370 Result and Previous Results

For personal use only

RC infill and extension drilling has now commenced to further delineate the shallow high-grade sulphide Zn-Pb mineralisation along the 2.3km (open) Kalitan Feeder Zone within the Navajoh Unconformity Unit (**Mineralisation Style 1 on Image 5**).

Diamond core drilling to test the Kalitan feeder structure in the underlying Purple Shale and Iroquois Carbonate Formation and targeting potential Cu-Zn-Pb-Ag deposits (**Mineralisation Styles 4 & 5 on Image 5**) has commenced. The shallow broad zones of high-grade Zn-Pb, along with the discovery of significant Cu and Ag deeper in the Kalitan Feeder Zone, emphasise the high potential for deeper large-scale Cu-Zn-Pb-Ag mineralisation. These targets are interpreted to occur below the extensive Navajoh Unconformity Unit which hosts the Chinook Prospect Zn-Pb-Ag mineralisation.

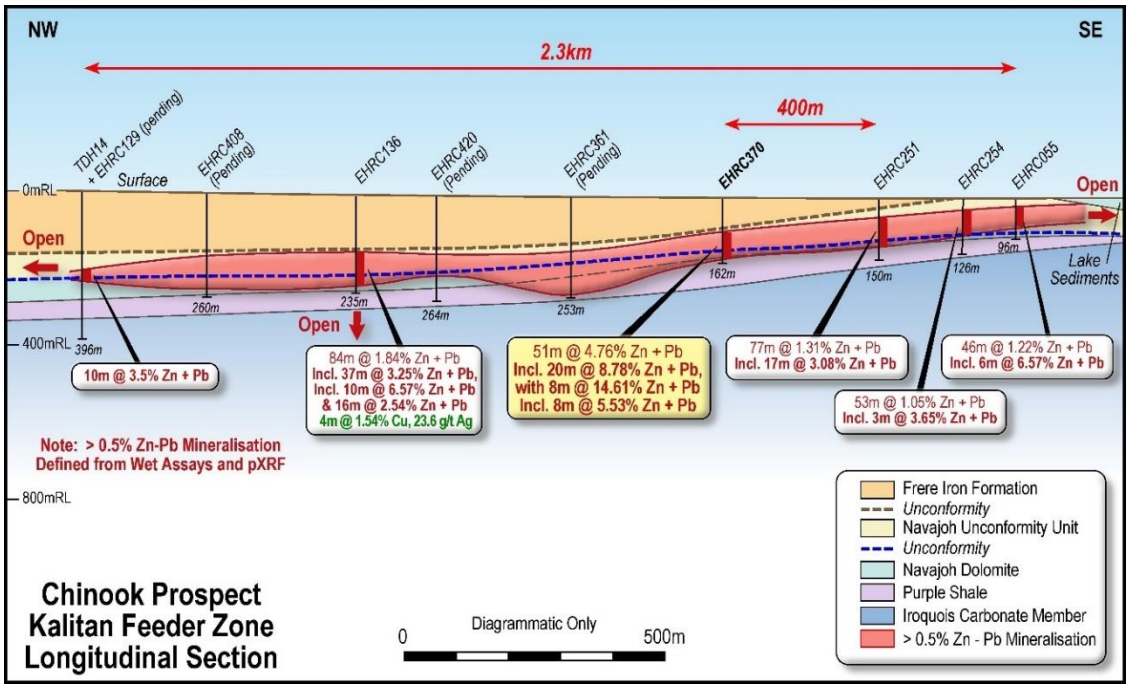

Image 3 – Chinook Prospect – Longitudinal Section of the Kalitan Feeder Zone with EHRC370 and EHRC136 drilling results, previously reported and historical intersections and holes (EHRC129,361, 408, 420) with assay results pending

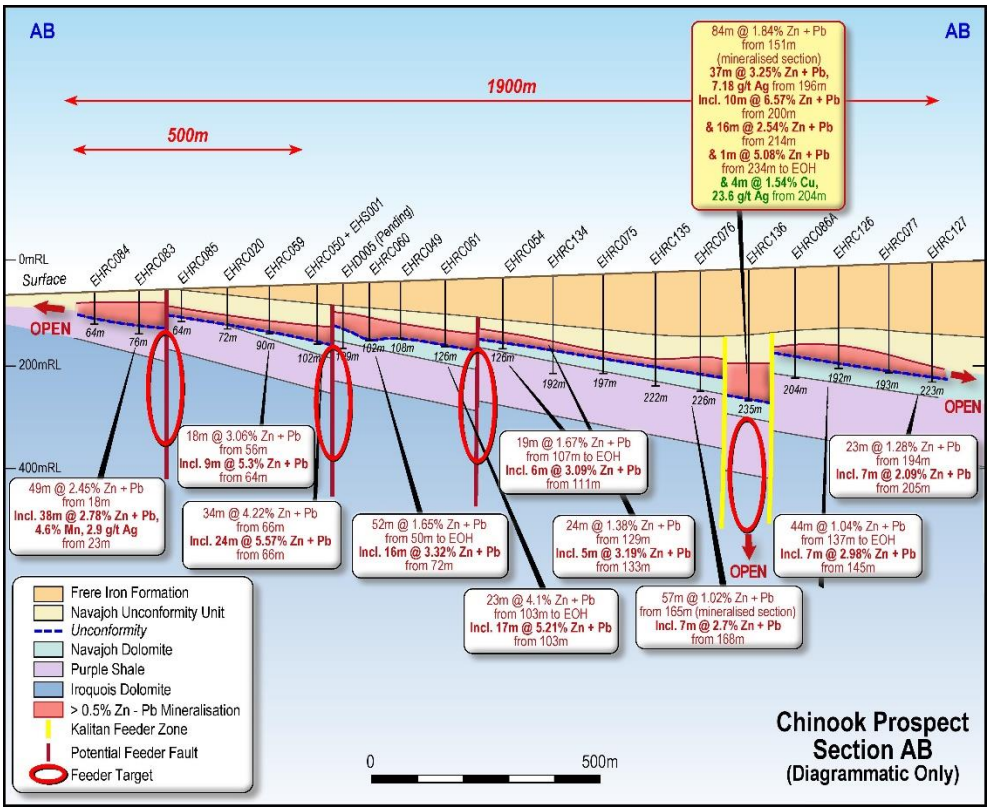

Image 4 – Chinook Prospect Section AB – Geology and Drill Hole Intersections, interpreted feeder Fault Zones including the High-Grade Kalitan Feeder Fault which is the focus of shallow and deep drilling

For personal use only

Earaheedy Project – Emerging World Class Base Metal System

Since the shallow large-scale Chinook discovery in April 2021, a 50,000m scoping drill program has uncovered a rapidly expanding world class scale Zn-Pb-Ag-Cu base metal system, with the drilling continuing to make near surface large-scale & high-grade sulphide discoveries along with identifying new large-scale deposit type targets at depth, confirming the province-scale base metal potential at Earaheedy.

Initially, Rumble drill targeted the large tonnage, shallow and flat lying Zn-Pb-Ag sulphide mineralisation hosted in the Navajoh Unconformity Unit. This has led to the outlining of the 4.1km by 1.9km Chinook discovery and the 6km by 1.2km Tonka, Magazine and Navajoh mineralised trend (**Mineralisation Styles 1 & 2 – Image 5**). Both discovery zones remain open along strike and at depth

During the 2021 exploration campaign, greater technical understanding was gained from drilling, geological logging and geophysical programs, which led to Rumble interpreting, targeting and eventually intersecting the high-grade sulphide Zn-Pb Kalitan Feeder Zone within the Chinook Prospect.

The shallow broad zones of high-grade Zn-Pb, along with the discovery of significant Cu-Ag deeper in the Kalitan Feeder Zone, emphasises the high potential for deeper, large-scale Cu-Zn-Pb-Ag mineralisation in the Purple Shale and Iriquois Carbonate formations at depth which remain to be drill tested (**Mineralisation Styles 4 & 5 – Image 5**).

The potential to intersect multiple inferred high-grade feeders at Chinook, Tonka, Magazine, Navajoh and ultimately targets associated within the 42km of prospective mineralised strike, is interpreted to be very high.

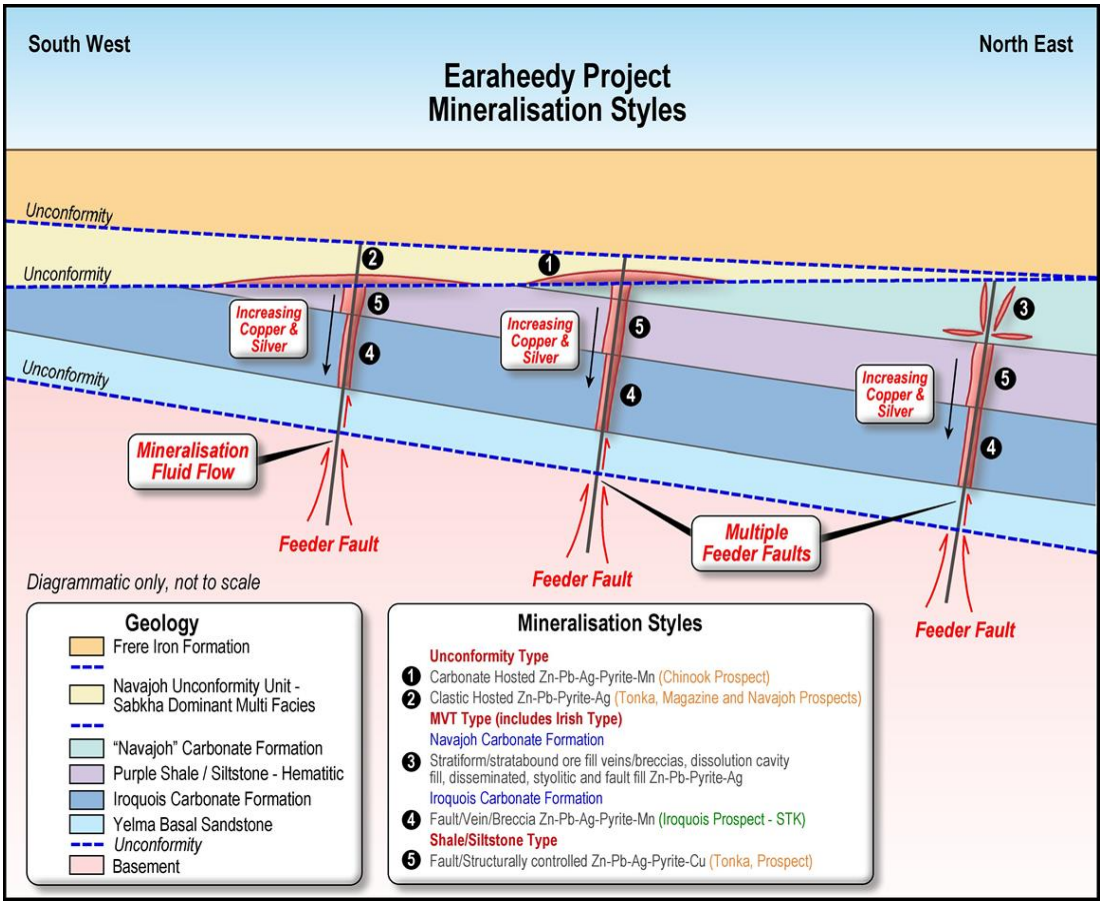

Image 5 – Earaheedy Project - Model of Multiple Mineralisation Styles

The Earaheedy Project includes E69/3464 which forms the Rumble Resources 75% / Zenith Minerals Ltd (ASX: ZNC) 25% Joint Venture ("JV"). The recently granted tenure, E69/3787 and E69/3862, which is 100% controlled by Rumble, extends the prospective untested mineralised strike (Navajoh Unconformity) by more than 100% with some 23km) of additional strike to be tested. Significantly, the newly granted tenements will allow Rumble to extend drilling west and northwest of the very large-scale Chinook Zn-Pb-Ag-Cu Prospect. Drilling by Rumble has defined extensive Zn-Pb-Ag mineralisation along the boundary of the current JV tenement and the recently granted 100% Rumble tenure (**see image 6**).

For personal use only

For personal use only

Exploration program from 2021:

(RTR (75%) / ZNC (25%) JV) – E69/3464

- Over 50% of the assays from the 50,000m of drilling completed in 2021 remain outstanding on E69/3464
- Of note: assays for completed holes EHRC129, 361, 408, and 420, which are interpreted to intersect the Kalitan Feeder Zone are included in these pending assays

Exploration program for 2022:

Chinook Prospect (RTR (75%) / ZNC (25%) JV) – E69/3464

- RC infill and extension drilling to further delineate the shallow high-grade sulphide Zn-Pb mineralisation in the Navajoh Unconformity Unit and Kalitan Feeder Zone ***– Initial Focus***
- Diamond core drilling to test the feeder structures in the underlying purple shale and Iroquois formations targeting Cu-Zn-Pb-Ag Deposits ***– Initial Focus***
- Further drilling to define potential new feeder fault zones nearby which have already been inferred

Tonka-Magazine-Navajoh Prospects (RTR (75%) / ZNC (25%) JV) – E69/3464

- Ongoing scoping (RC drilling) of the Tonka-Magazine-Navajoh Trend

Sweetwater Tenements (RTR 100%) - E69/3787 and E69/3862

- Initial reprocessing of airborne magnetic data over the Sweetwater Trend has inferred the magnetic features, and contrasts are identical to the features seen at Chinook
- Ongoing interpretation of the airborne magnetic data has identified multiple first order litho-structural and potential feeder targets
- Rumble is in advanced stages with TMPAC to complete heritage surveys to clear the upcoming planned drilling programs
- Once the heritage surveys are completed, the focus of drilling will be to rapidly extend and define the limits of Chinook's large-scale Zn-Pb-Ag-Cu mineralised footprint further to the west
- A large surface geochemical survey is planned along the entire 15kms of the Sweetwater Trend which in combination with the airborne magnetic data should define additional new first order drill targets

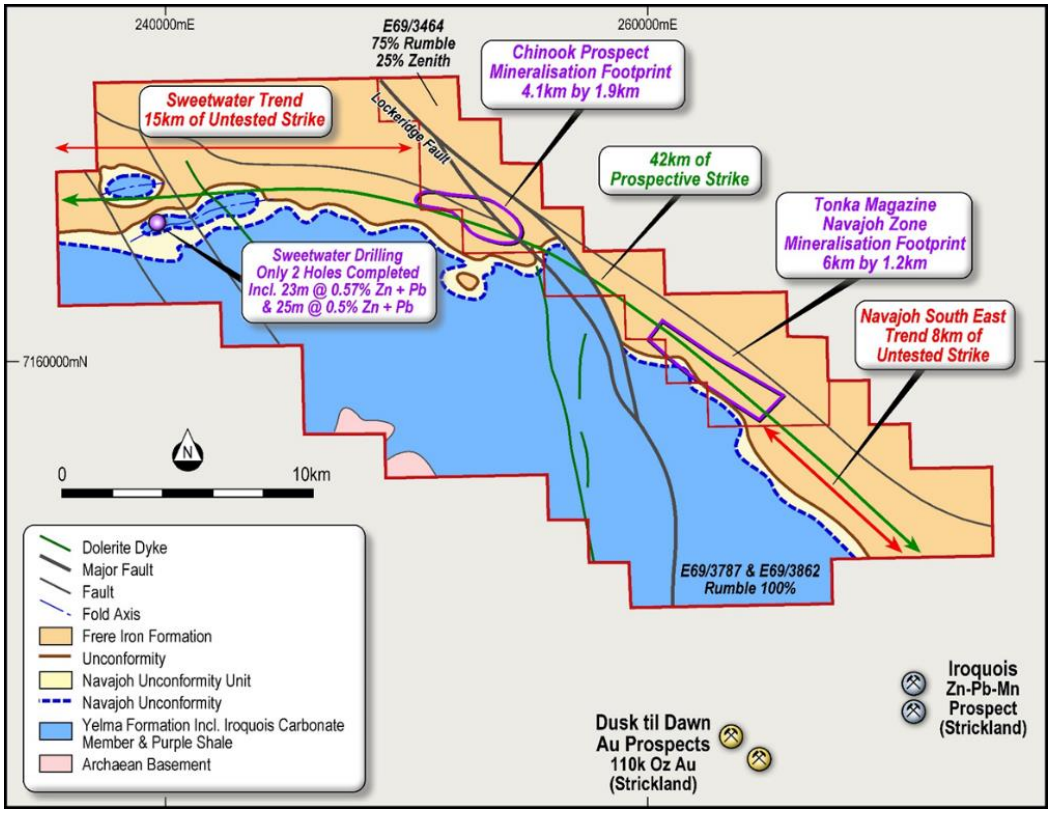

Image 6 — Earaheedy Project – Geology and Prospect Location Plan

Authorisation

This announcement is authorised for release by Shane Sikora, Managing Director of the Company.

-Ends-

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

Previous Drill Results

Drill hole results are ongoing and previous assays have been reported in earlier ASX announcements.

- ASX Release 23/8/2019 – 14 High Priority Targets and New Mineralisation Style
- ASX Release 23/1/2020 – Large Scale Zn-Pb-Ag Discoveries at Earaheedy
- ASX Release 19/4/2021 – Major Zinc-Lead Discovery at Earaheedy Project, Western Australia
- ASX Release 2/6/2021 – Large Scale Zinc-Lead-Silver SEDEX Style System Emerging at Earaheedy
- ASX Release 8/7/2021 – Broad Spaced Scout Drilling Has Significantly Increased the Zn-Pb-Ag-Mn footprint at Earaheedy
- ASX Release 23/8/2021 – Earaheedy Zn-Pb-Ag-Mn Project – Exploration Update
- ASX Release 13/12/2021 - New Zinc-Lead-Silver Discovery at Earaheedy Project
- ASX Release 21/12/2021 - Major Zinc-Lead-Silver-Copper Feeder Fault Zone Intersected
- ASX Release 31/01/2022 - Shallow High-Grade Zn-Pb Sulphides Intersected at Earaheedy

About Rumble Resources Ltd

Rumble Resources Ltd is an Australian based exploration company, officially admitted to the ASX on the 1st July 2011. Rumble was established with the aim of adding significant value to its current mineral exploration assets and will continue to look at mineral acquisition opportunities both in Australia and abroad.

Competent Persons Statement

The information in this report that relates to Exploration Results and Exploration Targets is based on and fairly represents information compiled by Mr Brett Keillor, who is a Member of the Australasian Institute of Mining & Metallurgy and the Australian Institute of Geoscientists. Mr Keillor is an employee of Rumble Resources Limited. Mr Keillor has sufficient experience relevant to the style of mineralisation and 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 Keillor consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Previously Reported Information

The information in this report that references previously reported exploration results is extracted from the Company’s ASX market announcements released on the date noted in the body of the text where that reference appears. The previous market announcements are available to view on the Company's website or on the ASX website (www. asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcements.

Disclaimer

This report contains certain forward-looking statements and forecasts, including possible or assumed reserves and resources, production levels and rates, costs, prices, future performance or potential growth of Rumble Resources Ltd, industry growth or other trend projections. Such statements are not a guarantee of future performance and involve unknown risks and uncertainties, as well as other factors which are beyond the control of Rumble Resources Ltd. Actual results and developments may differ materially from those expressed or implied by these forward looking statements depending on a variety of factors. Nothing in this report should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities. This document has been prepared in accordance with the requirements of Australian securities laws, which may differ from the requirements of United States and other country securities laws. Unless otherwise indicated, all ore reserve and mineral resource estimates included or incorporated by reference in this document have been, and will be, prepared in accordance with the JORC classification system of the Australasian Institute of Mining, and Metallurgy and Australian Institute of Geoscientists.

For personal use only