

21st May 2018

ASX ANNOUNCEMENT

CSIRO and Rumble to Investigate Braeside Base Metal Alteration, Pilbara Western Australia

Rumble Resources Limited ("Rumble" "RTR" "the Company") is pleased to announce it has partnered with the Australia's national science agency, Commonwealth Scientific and Industrial Research Organisation ("CSIRO") to investigate the alteration mineral footprints at the Company's Braeside Project in the Pilbara Region of Western Australia.

CSIRO and Rumble will undertake research into the wide pervasive alteration zones associated with base metal alteration at the Braeside Project.

CSIRO has expertise in spectral methodology and interpretation for minerals exploration. The CSIRO-Rumble collaboration will involve processing and interpreting spectral data by CSIRO to aid in defining alteration signatures associated with base metal mineralisation. Importantly drill hole spectral studies completed by Rumble have confirmed the widespread alteration.

Rumble has received a \$50,000 grant through the Australian Government's Innovation Connections programme, to be matched by Rumble's own funds to execute the project. The Innovation Connection programme helps drive innovation-led collaboration in the research and development sector.

Brett Keillor, Rumble's Technical Director commented; "Rumble has over 1000km² of prospective tenure, much of it exposed and suitable for spectral mineral mapping. CSIRO is the premier organisation in Australia with respect to the application of spectral research to exploration. The collaborative study with CSIRO will gain an understanding of the mineral alteration and mineralisation relationship that may lead to significantly expediting generation of high order targets for further geochemistry and possible drill testing".

Exploration by Rumble, including detailed surface geochemistry, prospect geological mapping and first pass RC drilling, has highlighted a strong association of base metal mineralisation with wide zones of pervasive silica-sericite-chlorite alteration of dominantly intermediate to mafic volcanics and volcanoclastics. The geological deposition model is considered by Rumble to be high level fracture/feeder/structural zones associated with porphyritic rhyolite. Wide alteration zones, some over 100m in width, have returned consistent low-grade Zn and Pb haloes with high grade sphalerite (Zn) and galena (Pb) zones.

The base metal mineralisation extends over a 34km strike within E45/2032 and is completely open. The mineralisation is associated with multiple altered structures which include the historic High Grade Ragged Hills Mine located at the southern end of the prospective zone.

Within the E45/2032 tenement there are eleven (11) groups of significant base metal in soil anomalism, of these groups, only four (4) have been partly tested with the latest reconnaissance RC drilling which identified a new high-grade zinc discovery at Devons Cut in the maiden drill program – **See image 1.**

E45/2032 represents approximately 15% of the total Braeside Project (>1000km²) – **See Image 2.**

CSIRO will support Rumble Resources in their exploration R&D efforts as part of an Innovation Connections project. The study by CSIRO will include:

- Collection and evaluation of public (ASTER) and commercially (WorldView-3) available multispectral spaceborne data which will map:
 - Background alteration.
 - Major geological units.
 - Alteration assemblages potentially associated with base metal mineralisation.
 - Dominant structures with additional aeromagnetic data.



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ASX RTR

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Company Secretary

The study objectives are to:

- Evaluate multispectral remote sensing imagery for mapping alteration mineral assemblages potentially associated with Pb/Zn occurrences.
- Evaluate the potential for extrapolating remotely sensed mineral footprints from outcrop/subcrop areas to in-situ covered areas.
- Investigate spatial and/or genetic relationships of sericite-silica and chlorite alteration with Pb/Zn values.

The study is expected to be completed in 5 months, running parallel with Rumble's current exploration program at the Braeside Project.

The CSIRO research team that will work on this project comprises of:

- Dr Vaclav Metelka (project lead) – Remote sensing data for geological mapping, exploration and integration of multi-scale geoscience data
- Dr Andrew Rodger - Geosoftware and Algorithms
- Dr Carsten Laukamp - Mineral Footprints - Hyperspectral geology

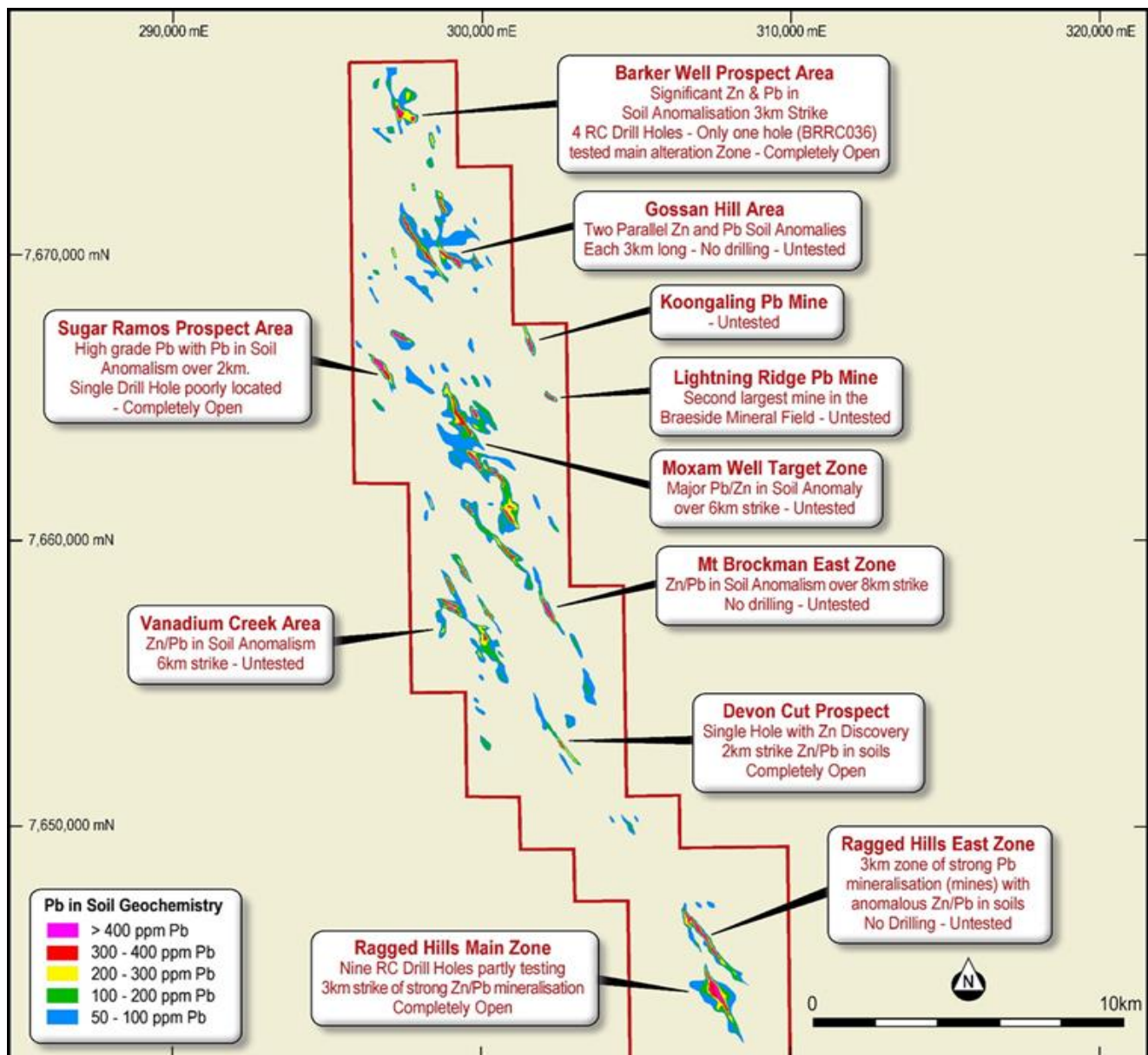


Image 1: E45/2032 – Geochemical Overview of Targets and Mineralisation

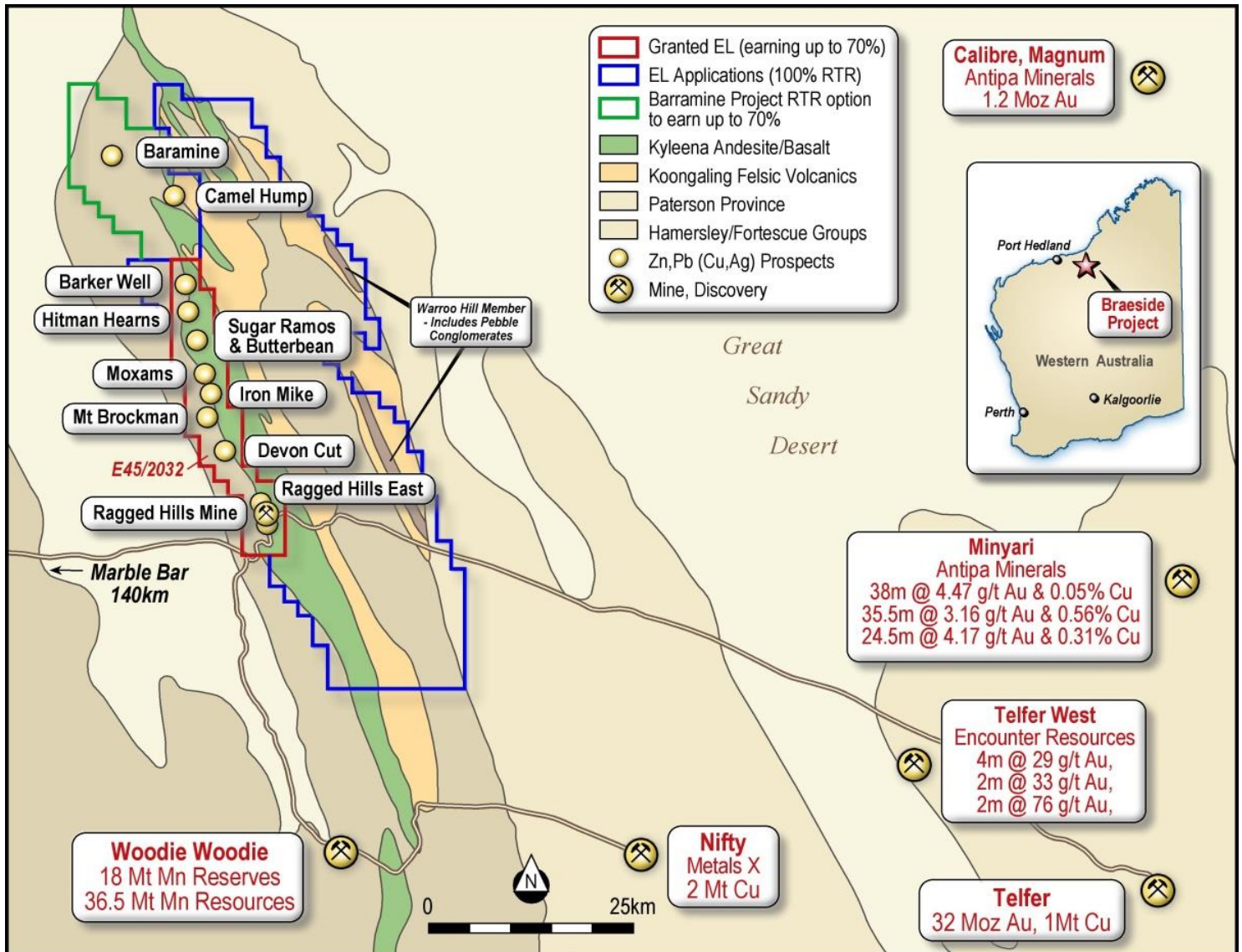


Image 2 – Braeside Location, Geology and Prospect Map

Shane Sikora
Managing Director

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

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 gold and base metal assets and will continue to look at mineral acquisition opportunities both in Australia and abroad.