



ASX:RTR



Braeside Zinc – Lead – Silver Project
Systematic Exploration Targeting a VMS System
May 2017

Braeside Project Highlights



- ✓ Rumble is earning up to 70% in the historic high-grade Braeside Zn-Pb-Ag project
- ✓ Historic Ragged Hills small scale mine produced lead, silver and zinc from 1901 to 1959
- ✓ Very limited modern exploration with 10 known drill-holes in 1928 & 1951 and limited rock chip samples
- ✓ Significant historical grab sampling returned up to 18.9% Zn, 79% Pb, 11.64% Cu, 325 g/t Ag and 13 g/t Au throughout project
- ✓ Previous explorers post production focused on Gold not Base metals
- ✓ Litho-geochemistry completed suggests the mineralisation is associated with sub volcanic rhyolitic porphyry (Koongaling Felsic Volcanics) indicating potential for a VMS system capable of hosting large base metal deposits
- ✓ Over 60km of strike potential with numerous untested Zn, Pb and Cu prospects
- ✓ Review of regional tempest EM Survey has identified a conductor near Ragged Hills mine and potential conductors throughout project
- ✓ Rumble to fast track systematic exploration targeting a VMS system
- ✓ Undersupply forecast due to major Zinc-Lead mine closures in recent years

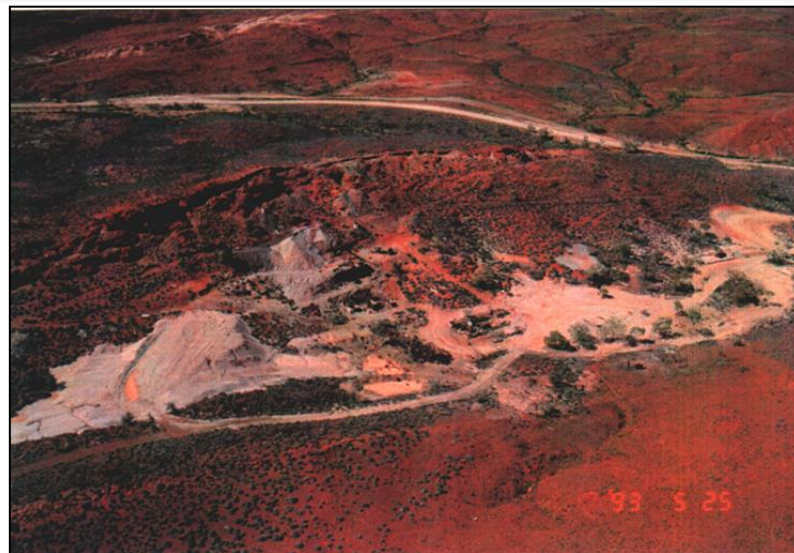


Image: Ragged Hills Mine with Marble Bar Telfer Road in Background



Image: Valentine Tank (WW2) used to power the Ragged Hills Mine

Corporate Overview



Capital Structure

Shares on Issue	#	248m
Options on Issue ¹	#	5.5M
Cash ²	A\$	\$870k
Market Cap	A\$	\$6m

1. 8c options
2. As reported in March Quarterly

Board & Management

Shane Sikora	Managing Director
Brett Keillor	Technical Director
Matthew Banks	Non-Executive Director
Michael Smith	Non-Executive Director

Key Technical Appointment Brett Keillor



Ownership Analysis

Board and Management	12.5%
Top 20	41%

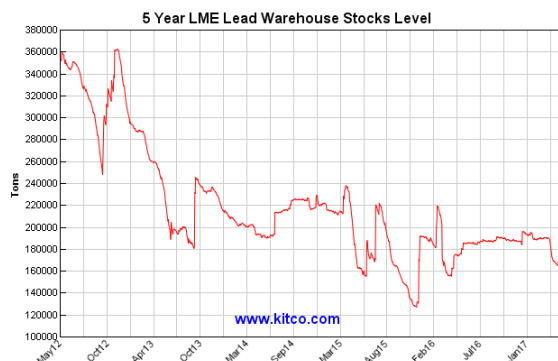
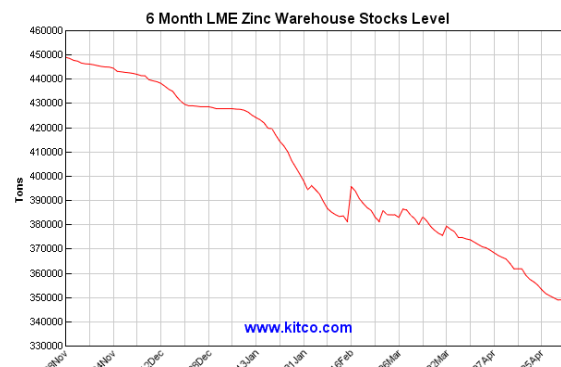
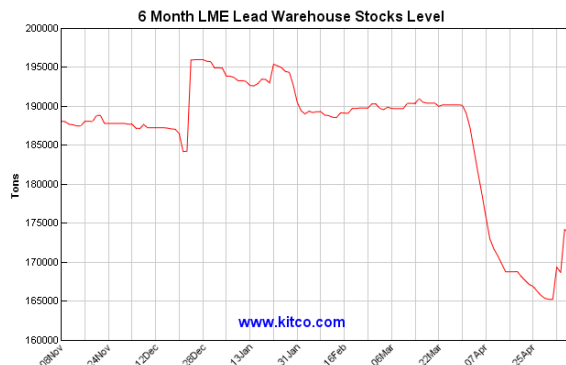
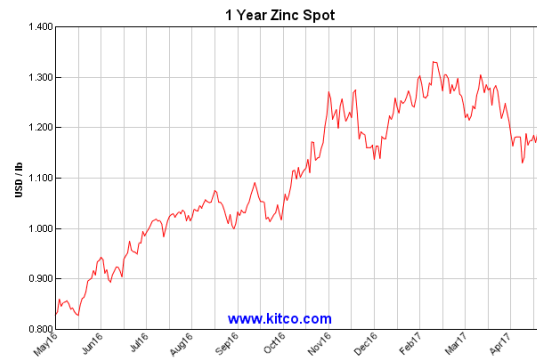
Key Technical Director Appointment



Mr Brett Keillor

- Mr Brett Keillor is a geologist with over 30 years experience in the mining industry, working across a diverse range of commodities with expertise in targeting large deposits and identifying company making projects. He worked on and reviewed exploration and development projects across the globe with Resolute Mining and was recently Chief Geologist (Gold) for the Independence Group (ASX: IGO) from 2002 to 2015.
- Brett has been instrumental in discovering seven significant deposits globally. He was involved from the original grass-roots survey until the first year of gold production of the Marymia gold deposit (1987 to 1994) and completed the original soil sampling and prospecting program that outlined the Plutonic gold deposit in 1987. Brett initiated exploration with Indee that led to the discovery of seven gold deposits in the Mallina Shear Zone and completed the original targeting that led to the discovery of the Tropicana gold deposit for Independence Group. In recent years Brett played a significant part in the discovery of the Bibra (Karlawinda) gold deposit.
- Brett is twice recipient of the AMEC Award “Prospector Of The Year”, for the Marymia discovery in 1998 and again in 2012 for the Tropicana discovery.
- Brett Keillor has enhanced the company’s strategy to proactively identify and review potential acquisitions and was instrumental in identifying and reviewing the Braeside project.

Zinc – Lead Markets



The world is running out of Zinc (the fourth most consumed metal by volume)

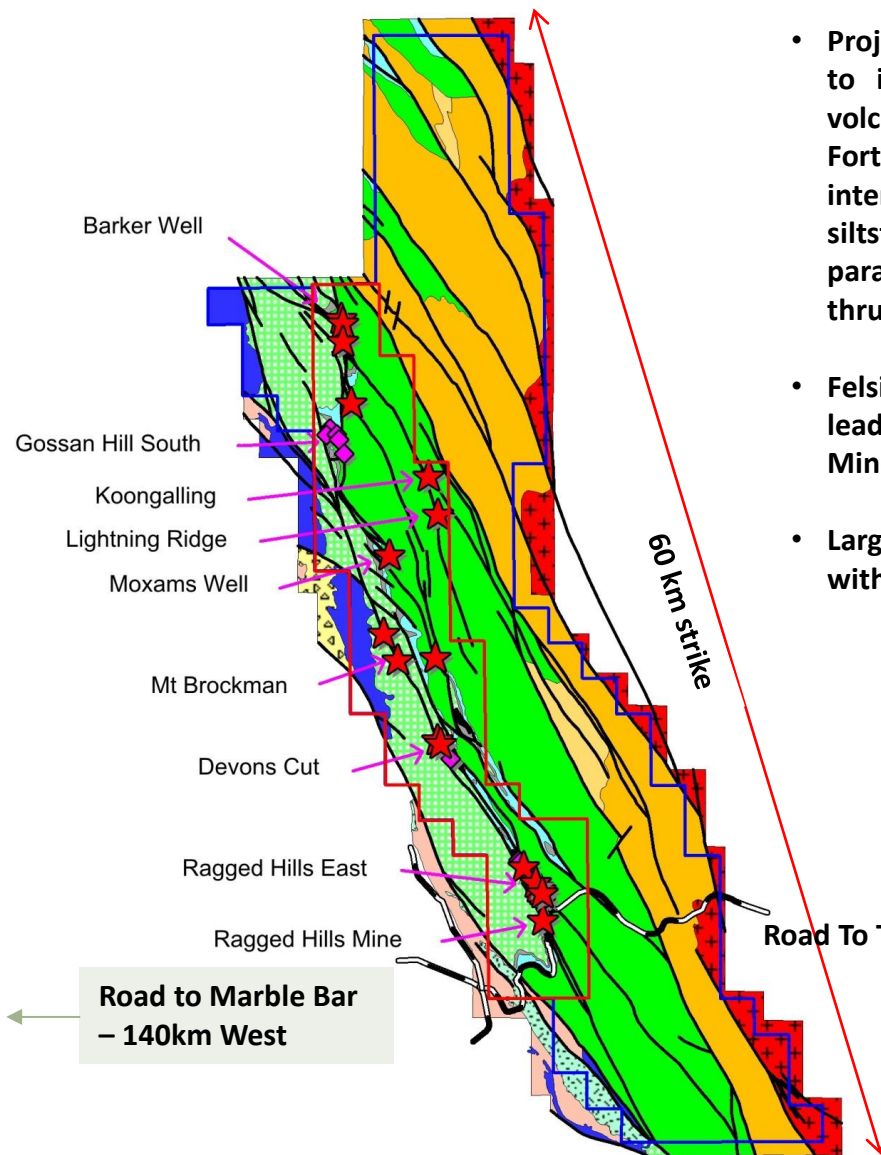
Major mine closures in recent years due to depletion

- Century (500,000 tpa)
- Brunswick (200,000 tpa)
- Perseverance (128,000 tpa)
- Lisheen (167,000 tpa)
- Yet at the same time demand is growing (forecast at 3% in 2017*) to 13.8Mt zinc
- The falling supply against rising consumption is driving a price rise
- Zinc market deficit delivers 61% spot price increase in 2016 to US\$2,848 per tonne
- Goldman Sachs predicting worldwide shortage of zinc to increase to 360,000t in 2017
- Zinc price is historically closely correlated to available stock levels

Lead Pricing and Stockpiles

- Closely mirroring the Zinc Price
- Also affected by mine closures
- Strong growth in global car sales and industrial battery market (used for energy storage and back-up) and relatively low stocks, the fundamental outlook for lead looks sound
- Lead prices have climbed 22 percent while zinc, which shares many of the same supply issues and has higher stocks, has rallied 50 percent

Braeside Project Geology and Location



- Project geology is dominated by mafic to intermediate volcanics and felsic volcanics of the late Archaean Fortescue Group. Within the mafic to intermediate rocks, dolomite, chert, siltstone and volcanoclastics lie sub-parallel to NNW trending faults, thrusts and veins.
- Felsic volcanics are same age as the lead mineralisation at the Ragged Hills Mine.
- Largest succession of felsic volcanics within the entire Fortescue Group.



Legend

- Road
- ★ Prospect - Mine
- ◆ Occurrence
- RTR Grab Sample
- Main Structures
- Tarcunyah Group - Sediments
- Hamersley Group - Pinjian Chert
- Hamersley Group - Carawine Dolomite
- Fortescue Group - Jeerinah Formation
- Fortescue Group - Maddina Basalt
- Fortescue Group - Sediments
- Fortescue Group - Carbonates
- Fortescue Group - Kylena Basalt
- Fortescue Group - Koongalling Felsic Volcanics
- Fortescue Group - Hardey Formation
- Gregory Granitic Complex

Geology based on GSWA Mapping
100K Isabella and 100K Braeside sheets

Braeside Historic Exploration



- Historic small scale mining – 1901 to 1959.
- Limited drilling – 10 holes completed in 1928 and 1951.
- Surface geochemistry limited.
 - No systematic multi-element soil/lag sampling.
 - Only rock chip sampling of known prospects.
 - Limited reconnaissance grab sampling (approximately 100 samples)
- Previous explorers (1980's to early 1990's) were focused on evaluating gold potential.
 - Small exploration companies only tested the known workings.
 - Large companies focused east and south of the project area.
- Geophysics limited to large scale aero-magnetics and gravity.
 - AEM (Tempest), completed on 2km line spacing, partly covered the western half of the project in 2014-2015. The survey was for water only.
 - Low resolution conductors are associated with known mineralisation. No follow up was completed.

The base metal potential of the Braeside Project has not been tested.

Ragged Hills Pb-Ag-Zn Deposit

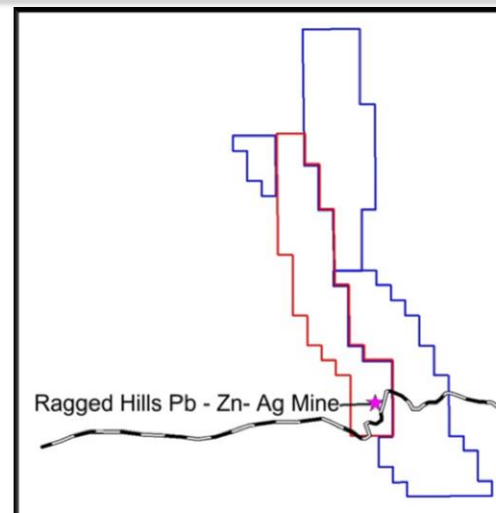


Overview

Small scale mining only focused on high grade Pb (Massive Galena) which formed in visual pods. Sphalerite (zn) was not targeted as it wasn't easy to be visibly identified.

From 1949 to 1959, **4,372t** of concentrate produced **2,927t Pb**, **24t Zn** and **28,093oz Ag** from a small plant (flotation and concentrator). The main reef (over 300m strike and open) was partly worked over a strike of 150m with widths up to 4.2m. Massive galena zones were on average 1m to 2m in width. The mine was worked down to the water table (45m).

Approximately 50,000t of tailings remain on site. **Historic surface sampling of dump returned average 3.47% Pb, 1.72% Zn and 22 g/t Ag.**



Historic Drilling

Six DD holes (1928 and 1951) tested below the main workings at the Ragged Hill mine. Five holes intercepted mineralisation (one hole failed to reach target).

Results include

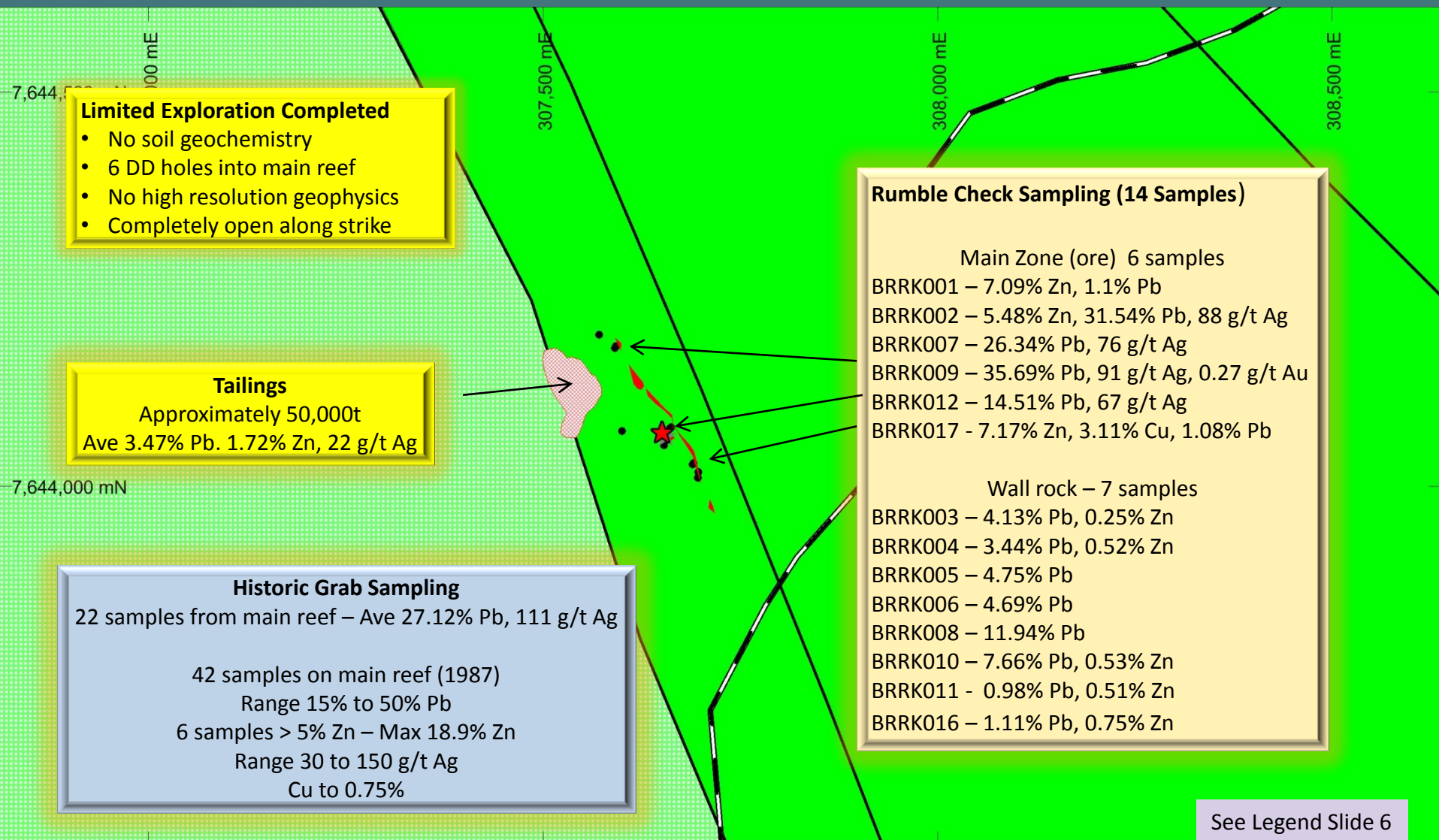
- **AW #2 – 1.83m (true width) @ 8.1% Pb, 4.6% Zn and 0.2 oz/t Ag.**
- **MD #2 – 0.9m @ 6.5%Pb, 3.1% Zn and 0.4 oz/t Ag.**

Both intercepts are at a vertical depth of 70m.

Ragged Hills Pb-Ag-Zn Deposit



Check/Grab Sampling Completed by Rumble Resources and Historic Grab Sampling Plan



See Legend Slide 6

Ragged Hills Pb-Ag-Zn Deposit



Check Sampling by RTR Ore Zone and Wall Rock Alteration

Footwall Zone

Ore Zone
Zone up to 4.2m wide

Hanging Wall Zone



Footwall Results

BRRK003
4.13% Pb, 9 g/t Ag

BRRK004
3.44%Pb, 0.52% Zn

BRRK006
4.49% Pb



Ore Zone Results

BRRK001 – 7.09% Zn, 1.95% Pb
BRRK002 – 5.49% Zn, 31.54% Pb, 88 g/t Ag
BRRK007 – 26.34% Pb, 76 g/t Ag
BRRK009 – 35.69% Pb, 91 g/t Ag

Hanging Wall Results

BRRK005
4.75% Zn

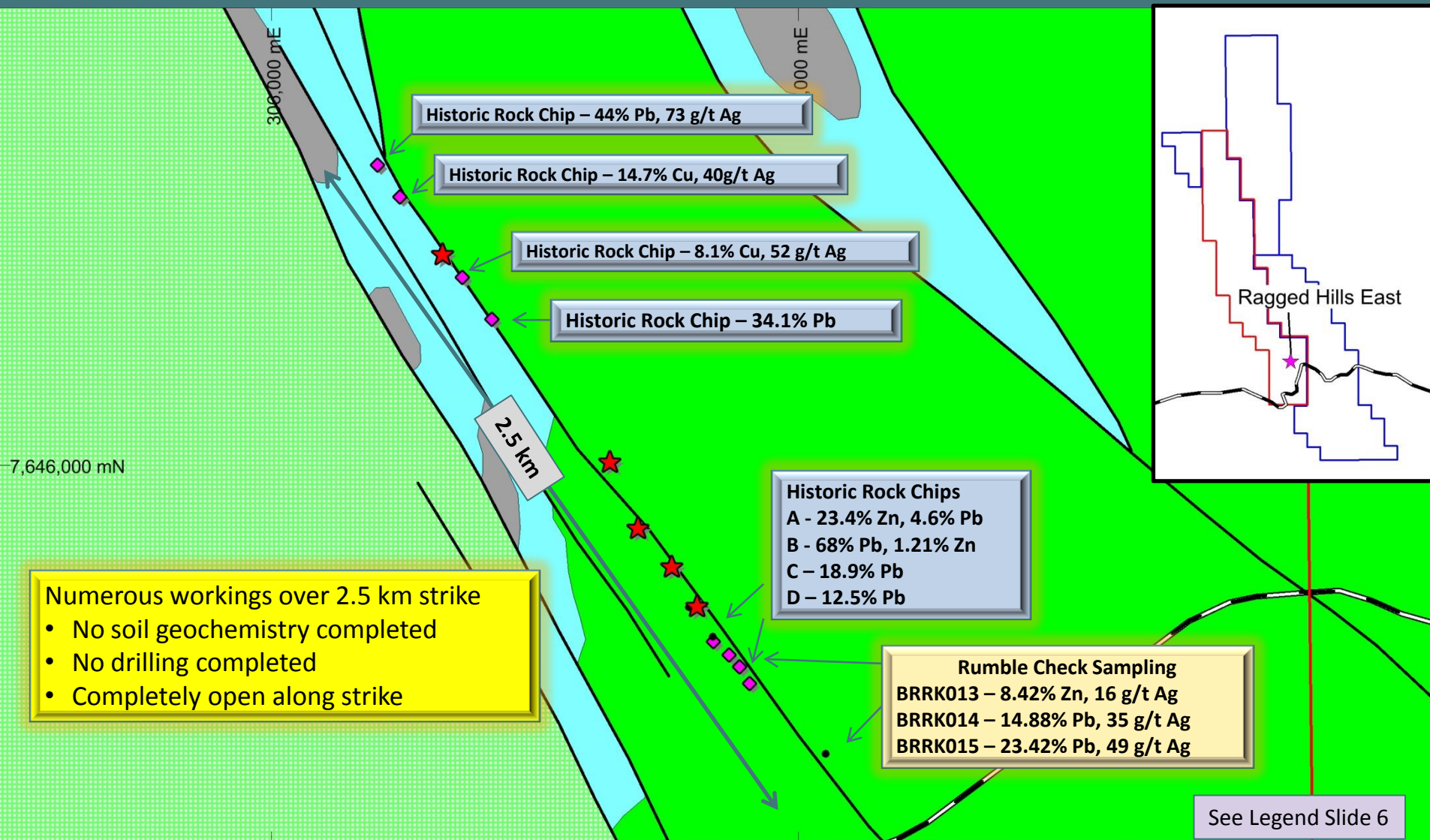
BRRK008
11.94% Pb, 0.15% Zn

BRRK016
1.11% Pb, 0.75% Zn

Ragged Hills East Prospect



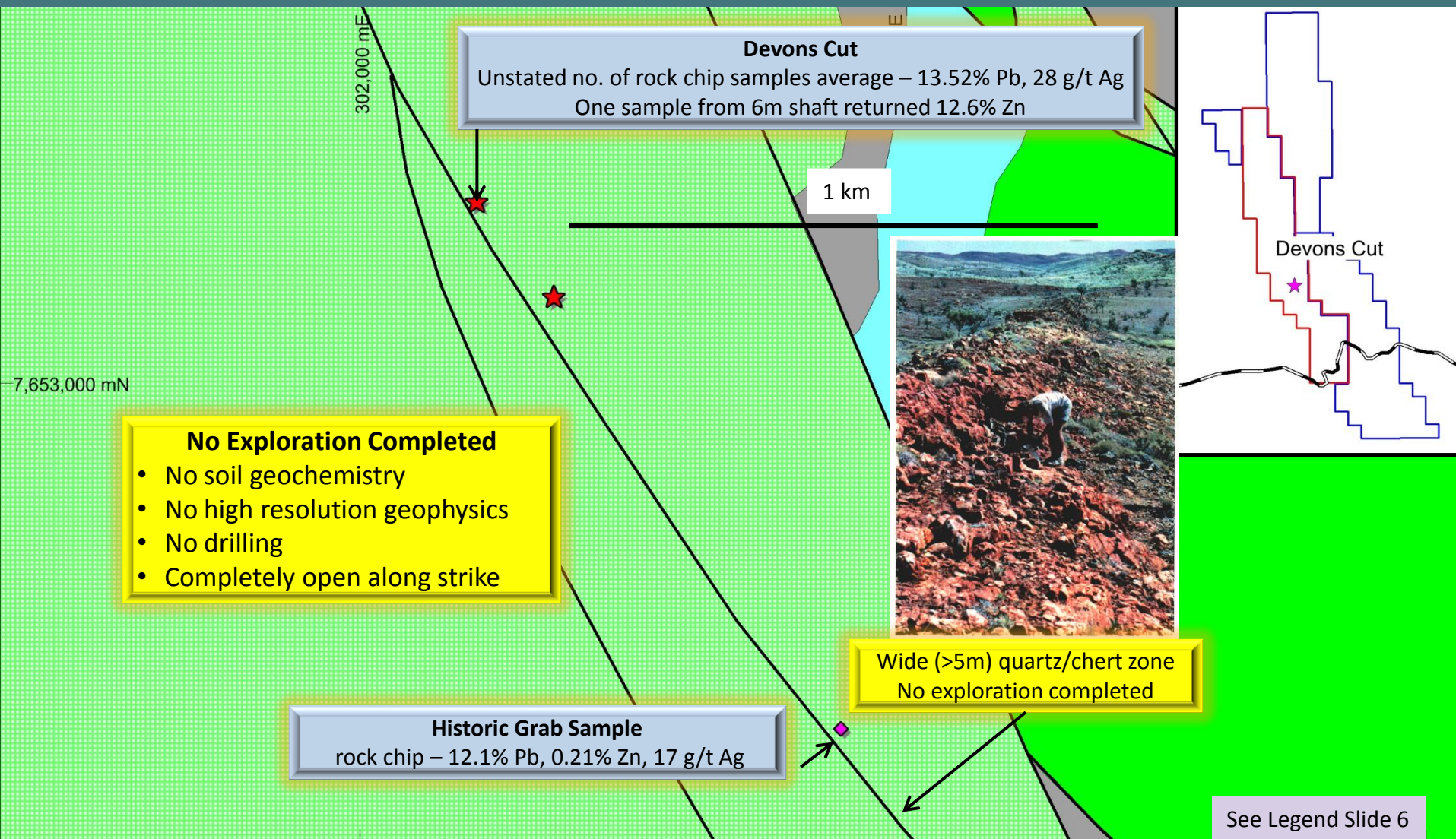
Check/Grab Sampling Completed by Rumble Resources and Historic Grab Sampling Plan



Devons Cut Prospect



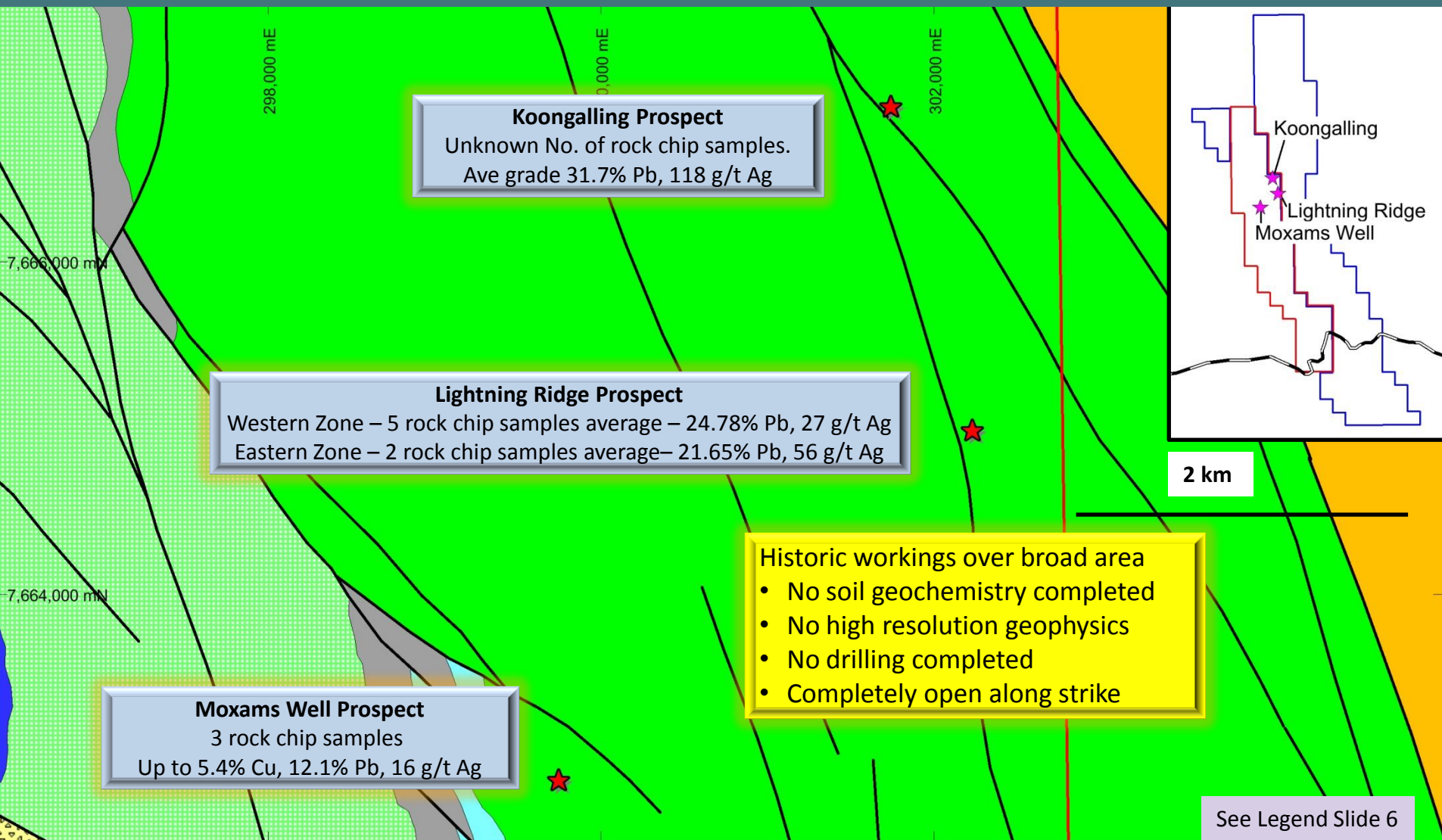
Historic Grab Sampling Plan



Koongaling Hill, Lightning Ridge and Moxams Wells Prospects



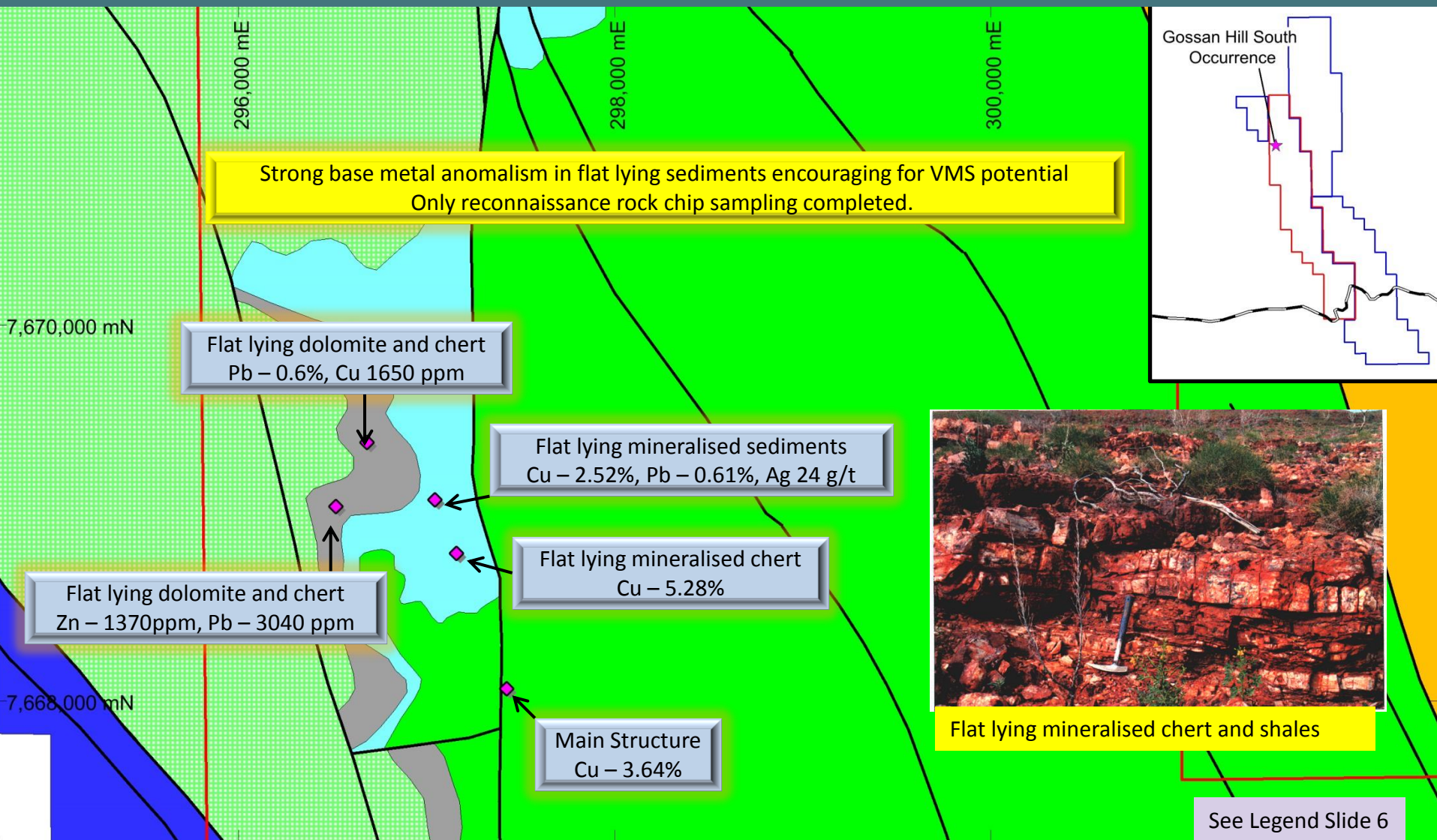
Historic Grab Sampling Plan



Gossan Hill South Rock Chip Anomalism



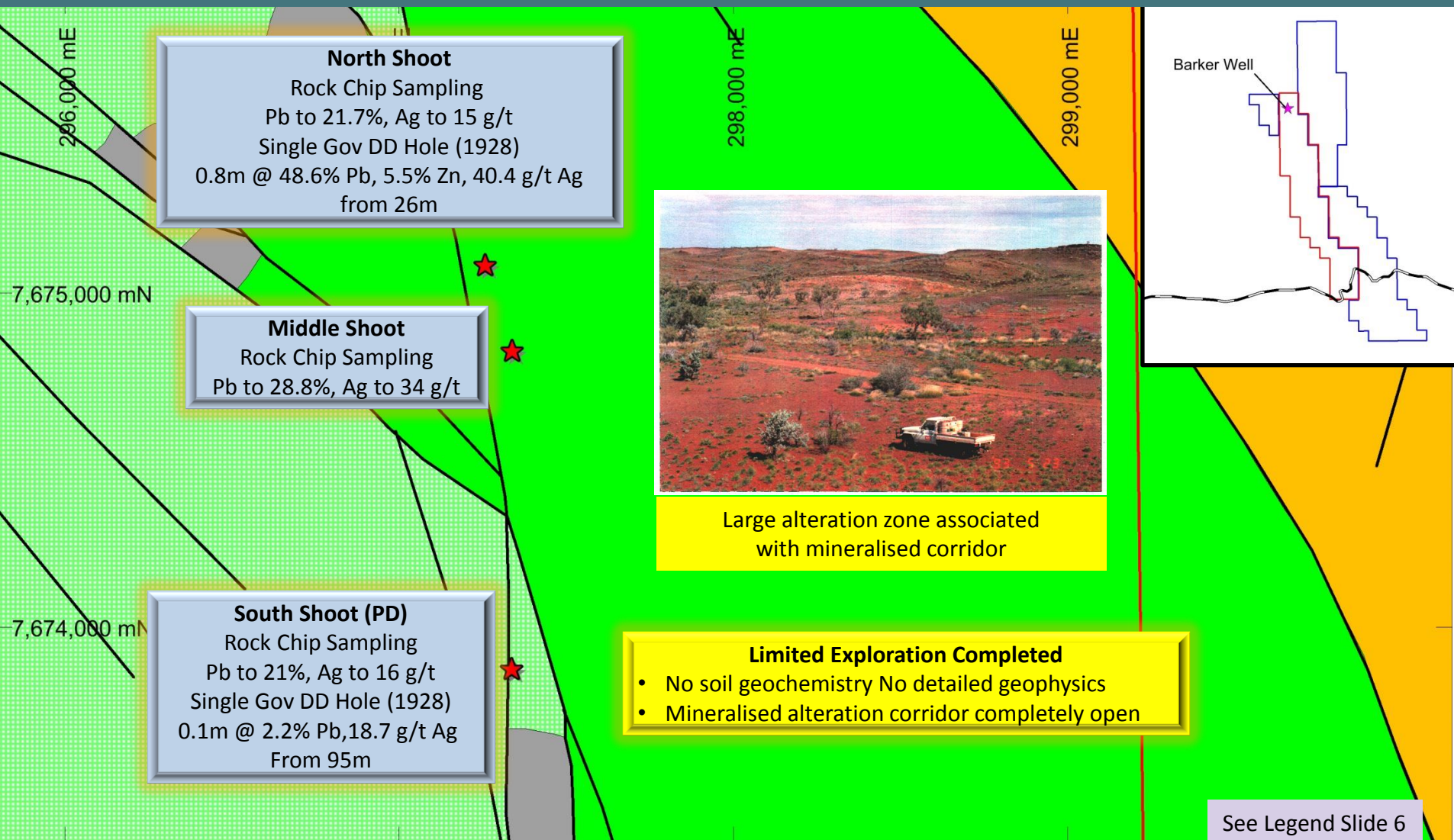
Historic Exploration Plan



Barker Well Prospect



Historic Exploration Plan

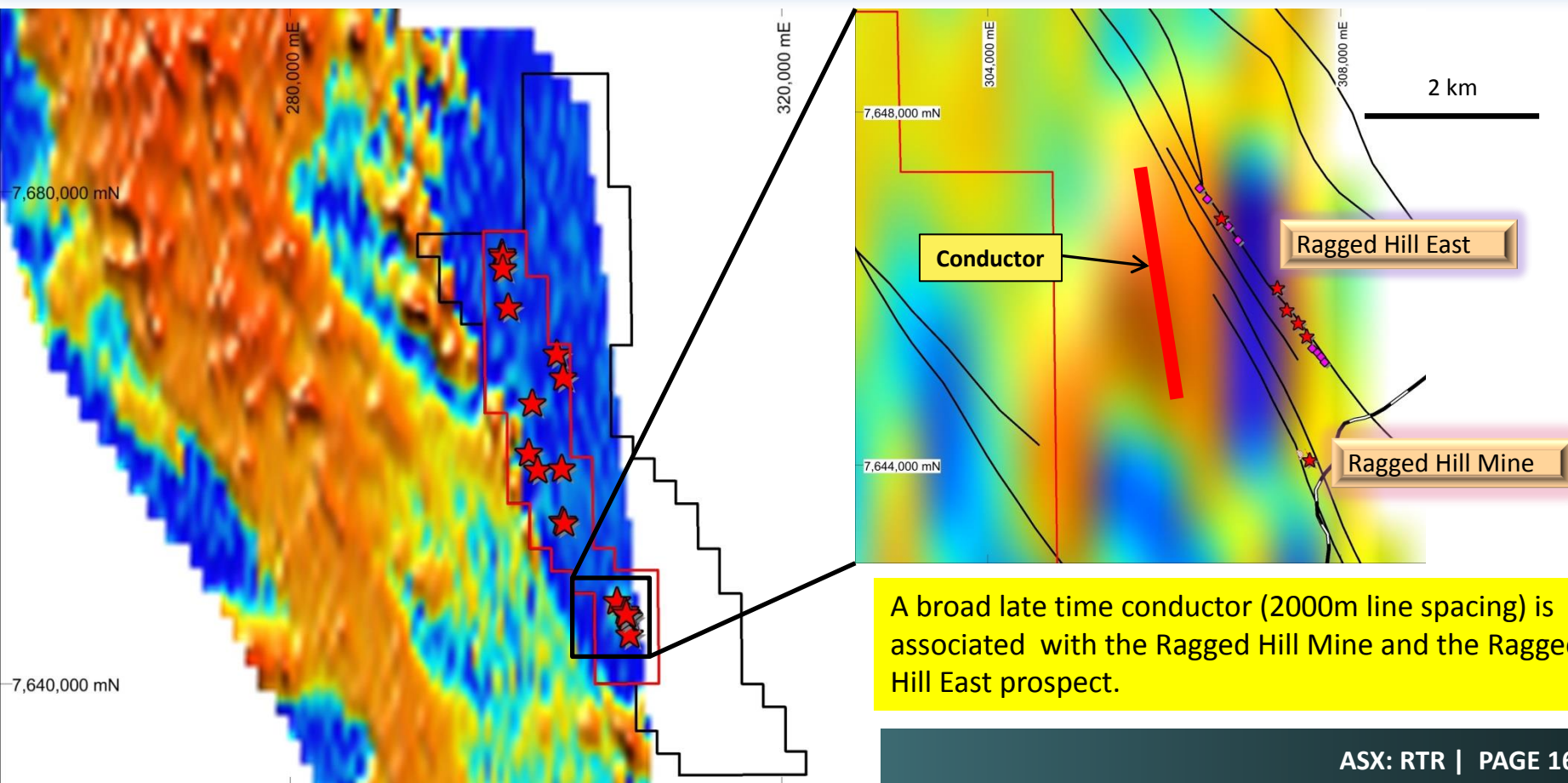


Regional Tempest AEM Survey



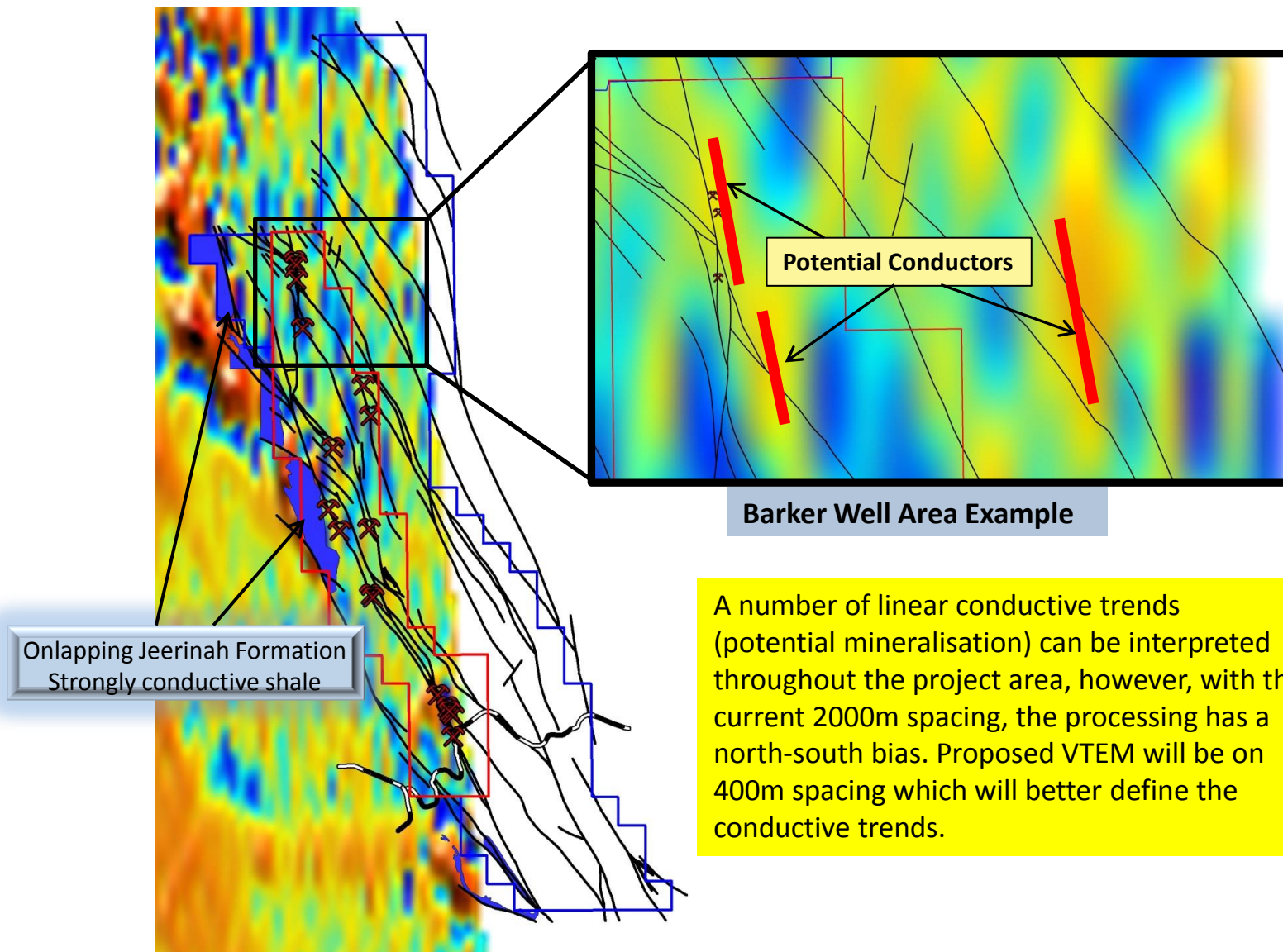
During 2014-2015, a large regional airborne EM survey covered part of the Braeside Project area. The survey, commissioned by the Department of Water, WA Government, was to define potential future water resources for the state. The line spacing was 2 km, which is ideal for defining water resources, however, too coarse to define potential conductors after massive sulphide.

Analysis of the late time (channel 15) data indicated the basalts, andesites and felsic volcanics of the Fortescue Group (Late Archaean) have low conductance and low noise response. This suggests there are no or minor geological units such as graphitic shales which often masks base metal conductors and therefore ideal for Airborne EM systems such as VTEM.



A broad late time conductor (2000m line spacing) is associated with the Ragged Hill Mine and the Ragged Hill East prospect.

Braeside Project – Tempest AEM Conductive Linear



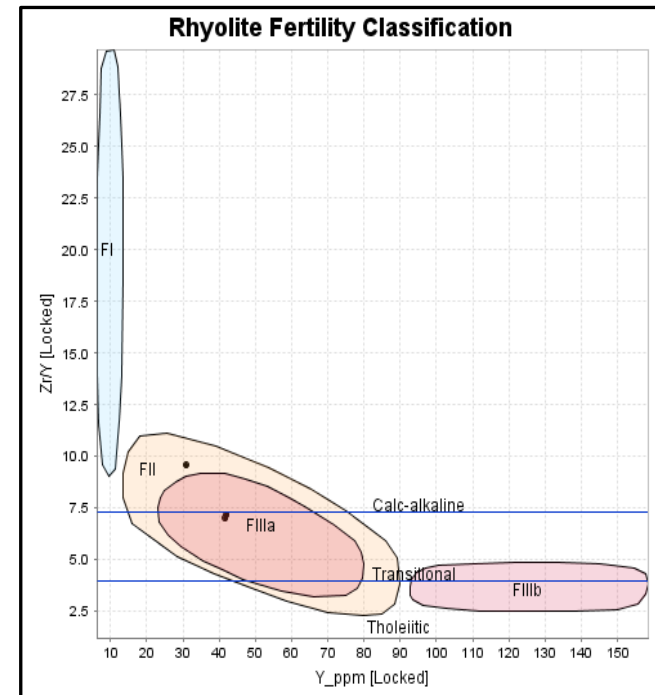
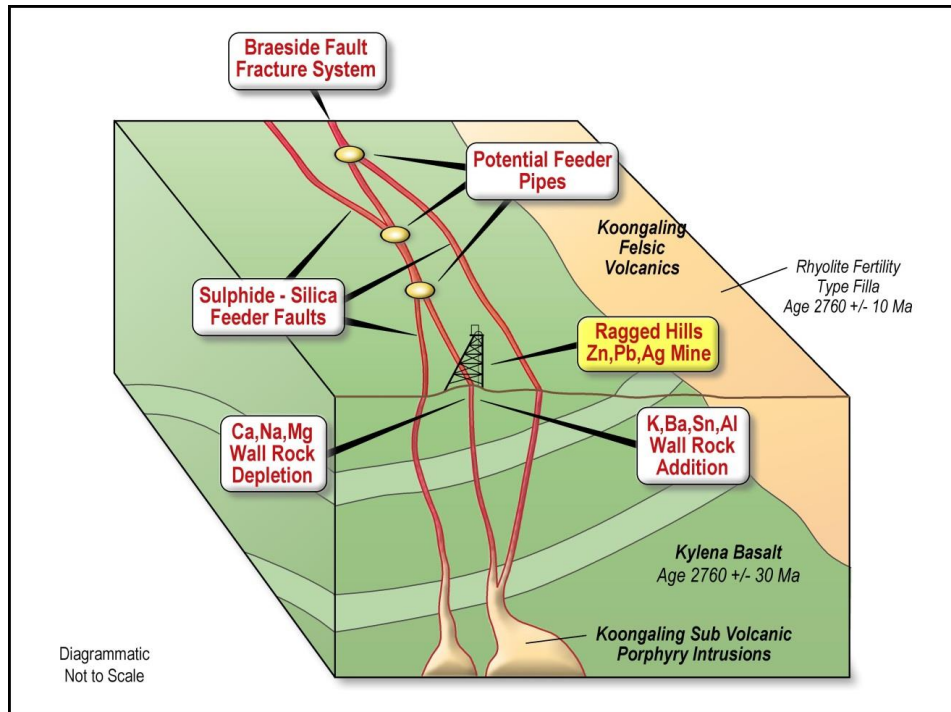
A number of linear conductive trends (potential mineralisation) can be interpreted throughout the project area, however, with the current 2000m spacing, the processing has a north-south bias. Proposed VTEM will be on 400m spacing which will better define the conductive trends.

Conceptual Model for Braeside Project



Whole rock litho-geochemistry (completed by Rumble) was conducted on the footwall and hanging wall (proximal and distal) wall-rock zones to the main reef at the Ragged Hills Mine. Fresh unaltered basalt was located away from the mineralisation zones to use as a relative standard. In addition, fresh samples of porphyritic rhyolite of the Koongalling Felsic Volcanics were analysed for fertility classification. Age dating (historic) confirmed the potential bimodal association for the Koongalling Felsics (rhyolites) and the host rock to the mineralisation at the Ragged Hill Mine – Kylena Basalt. Pb dating of the mineralisation at the Ragged Hills Mine also had a similar age to the Koongalling Felsics.

Based on the on the lithogeochemistry, the Ragged Hills Mine mineralised structure likely represents a deep feeder fracture with underlying sub- volcanic porphyritic rhyolite. There is potential for VMS/porphyry related breccia pipe base metal deposits and if higher levels (sub-sea floor) are discovered, potential for VMS.



Examples of pipe-like base metal deposits include the Elura Zn - Pb – Ag mine (Cobar, NSW). Elura comprises of 6 pipes ranging from 120m to 30m in diameter – pre mining resource of 50.7 Mt @ 8.8% Zn, 5.6% Pb, 107 g/t Ag and 0.2% Cu.

Systematic Exploration Process



Rumbles technical team will systematically explore the Braeside project looking to generate first order VMS feeder pipe targets using proven exploration techniques. Rumble will fast track exploration in stages outlined below:

- Stage 1:** Regional soil geochemistry (multielement) to cover E45/2032 – Team ready to be mobilised
- Stage 2:** Airborne VTEM over the regional geochemical base metal trends.
- Stage 3:** Infill geochemistry over conductors (generated by VTEM) to rank targets.
- Stage 4:** Ground TEM surveys over the conductors
- Stage 5:** Drill test conductive plates in order or ranking

Summary



- ✓ Zinc and Lead Production globally in decline
- ✓ Very high grade historical grab sampling at Braeside Project returned up to 18.9% Zn, 79% Pb, 11.64% Cu, 325 g/t Ag and 13 g/t Au, throughout project
- ✓ Braeside Project has VMS potential capable of hosting large base metal deposits identified through litho-geochemistry completed by Rumble
- ✓ Rumble fast tracking systematic program to explore for VMS feeder pipe deposits with exploration commencing imminently
- ✓ RTR is funded through initial stages of exploration
- ✓ Successful Technical Director has discovered 7 deposits
- ✓ Rumble provides significant leverage to any exploration success.

Contacts



Shane Sikora, Managing Director
s.sikora@rumbleresources.com.au

Brett Keillor, Technical Director
b.keillor@rumbleresources.com.au

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