



## ENCOURAGING RESULTS FROM MINERAL HILL SOUTH

### Highlights

- Strong magnetic anomalies highlights porphyry potential below the Brooklyn Ironstone
- Further sampling of the Brooklyn Ironstone highlights DSO Iron potential
- Bolwarra lead soil anomaly discovered at Yellow Shaft

Exalt Resources Ltd (ASX: ERD) is pleased to announce encouraging results from further sampling of the Brooklyn Ironstone and a soil lead anomaly at Bolwarra, both contained in Mineral Hill South project EL7945.

A ground magnetic survey covering the outcropping ironstone at Brooklyn defined two discrete magnetic highs below and close by the Brooklyn Ironstone. The results are interpreted to be skarn alteration associated with a porphyry system.

Surface samples were collected from the outcropping Brooklyn Ironstone and were analysed for XRF fusion. Results averaged 55.7% Fe ("Iron") and is represented as botryoidal haematite and is being evaluated for its potential as a DSO iron product.

In addition to the impressive Iron results, ERD has also discovered a soil lead anomaly at Bolwarra, 260m long by 40m wide at greater than 160ppm.

Mr Barry Tudor, Managing Director, commented, "whilst we remain focused on our Indonesian Coal projects, we have continued to explore our NSW Assets with a view to achieving the best value for our shareholders.

The strong surface iron results and the definition of two significant magnetic targets at the Brooklyn Prospect are very pleasing, and the discovery of the Bolwarra Lead anomaly with associated Silver and Copper further highlights the potential value of our 100% owned Mineral Hill South tenement."

## Brooklyn Porphyry Target – Ground Magnetics

A detailed 25m x 50m line spaced ground magnetic survey was completed covering the outcropping ironstone at Brooklyn. It has defined two discrete magnetic highs below and close by the Brooklyn Ironstone.

The Brooklyn Ironstone is interpreted to be developed as a deep weathering profile and the magnetic anomalies are interpreted to be skarns associated with a porphyry system.

Reinterpretation of the 3D Induced Polarisation (IP) data around the Brooklyn Ironstone highlighted a large circular resistivity anomaly immediately below the outcropping ironstone. The results of the IP survey at Brooklyn closely resemble the geophysical character of some world class porphyry copper-gold deposits (Hoschke, 2008).

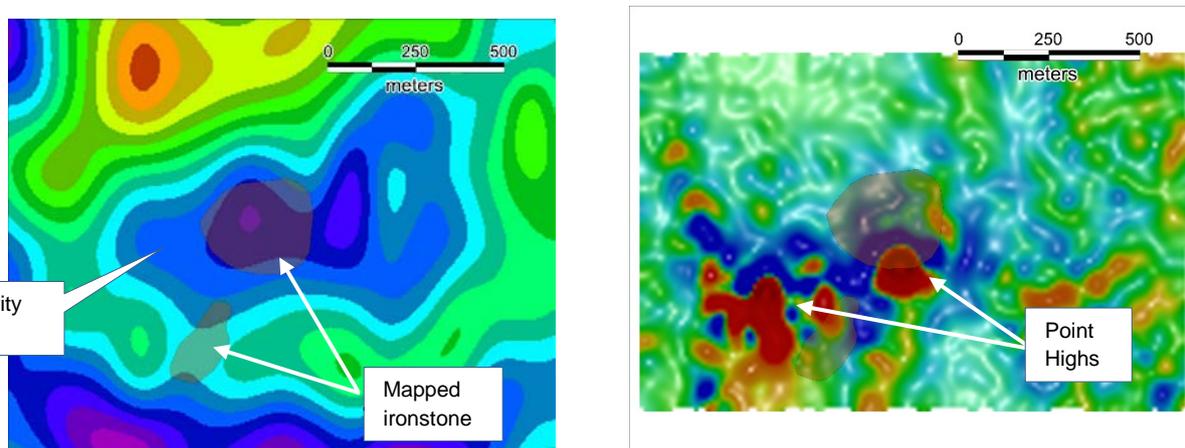


Figure 1: Brooklyn – Resistivity at 200m deep (left) and results of the Detailed RTP Magnetics (right)

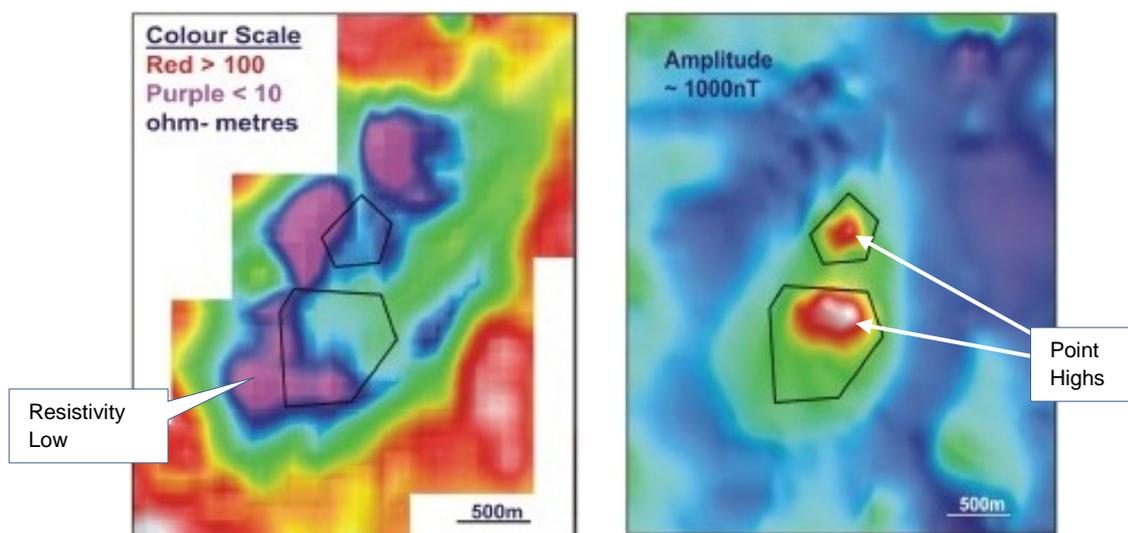


Figure 2: Elang (25M oz Au and 16B lb copper) – Resistivity at 200m deep (left) and RTP Magnetics (right) (Hoschke, 2008)

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## Brooklyn Ironstone – DSO Iron Target

Five surface samples collected from the outcropping Brooklyn Ironstone were analysed for XRF fusion and they averaged 55.7% Fe (“Iron”).

These samples were collected at surface approximately 200m north-west of the significant widths of iron intersected in drillhole BNRC004, figure 3 (reported on the 19<sup>th</sup> December 2011).

Previously, ERD had drilled an RC hole into the ironstone confirming a vertical depth of at least 100m with most of the hole exceeding 50% Iron.

The iron is represented as botryoidal haematite and is being evaluated as a DSO iron product.

Fe	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	P%	S%	LOI%
55.7%	3.92	1.01	0.084	0.005	11.0%

Table 1 – Brooklyn Ironstone Average XRF Fusion Analysis Results from 5 surface samples

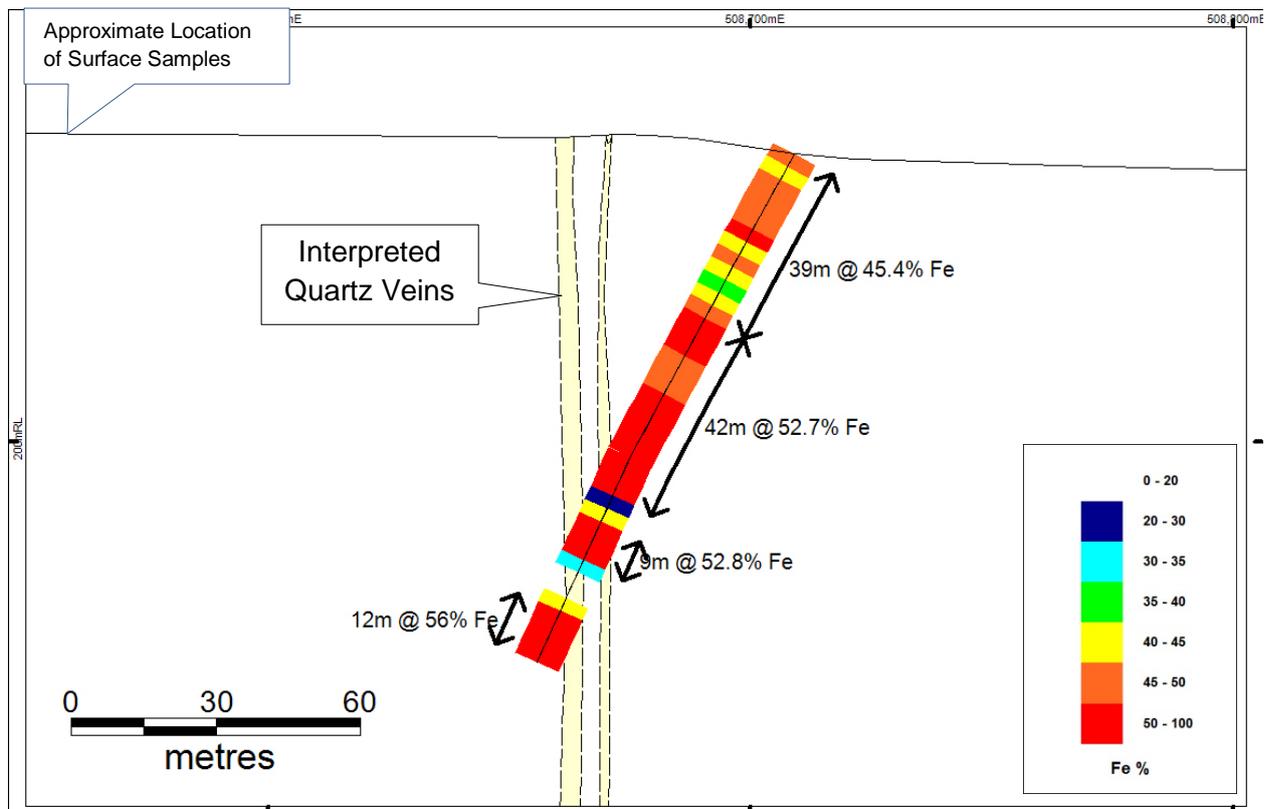


Figure 3: BNRC004 East West Section 6,384,530N

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From	To	Interval	Fe%	SiO2%	Al2O3%	P%	S%	TiO2%	LOI%
0	39	39	45.4	11.2	4.6	0.13	0.010	0.120	11.38
39	81	42	52.7	4.2	1.7	0.17	0.010	0.022	11.55
87	96	9	52.8	5.3	1.5	0.11	0.014	0.047	11.84
108	120	12	56.0	4.9	1.2	0.08	0.009	<0.005	11.55

Table 2 – Results of BNRC004 analysed by ALS using XRF Fusion

### Bolwarra Soil Lead Anomaly

231 XRF soil readings were collected at the Yellow Shaft Prospect at Mineral Hill South. The soil sampling was designed to follow up lead anomalism up to 1,000ppm discovered during reconnaissance XRF sampling in 2012.

ERD has also discovered a soil lead anomaly at Bolwarra which is 260m long by 40m wide at greater than 160ppm. The Lead was defined using a hand held XRF and is spatially associated with a strong resistivity anomaly defined with the 3D Induced Polarisation (IP) survey completed in 2011.

The lead anomaly (Bolwarra) forms a coherent south-west oriented soil anomaly very similar to the anomalism seen at Elura Pb-Zn deposit. The newly defined Bolwarra Prospect and the Elura ore zone is easily visible as a significant geophysical anomalies with a coherent lead soil anomaly draining away to the south-west (figure 5).

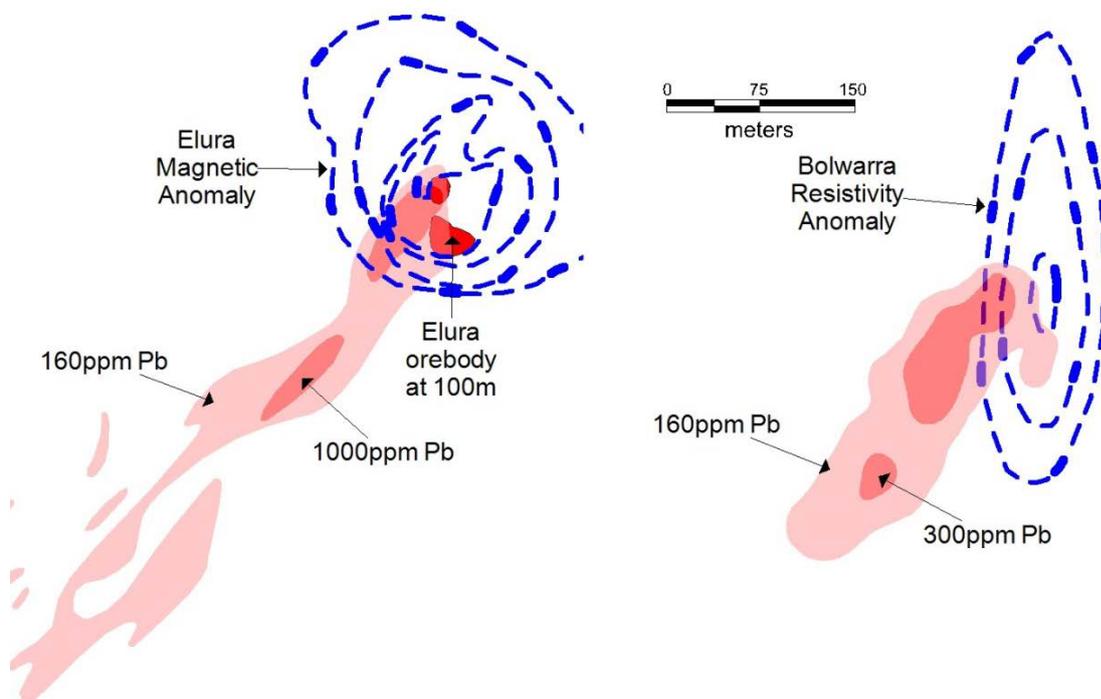


Figure 4: Left = Elura soil Pb and coincident geophysical anomalies (Schmidt 1990). Right = Bolwarra Soil Pb and coincident geophysical anomalies, at the same scale.

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One rock sample was collected from 25cm below surface in the centre of the lead anomaly. The rock sample was sent for analysis at ALS to determine if the lead anomalism carries gold or silver and to validate the XRF results, and both were confirmed. The sample returned 2,580ppm lead, 512ppm copper and 12g/t silver. The lead and copper results confirm the XRF results are accurate (XRF: 2,260ppm Pb and 448ppm Cu) and that there is significant silver associated with the lead anomalism.

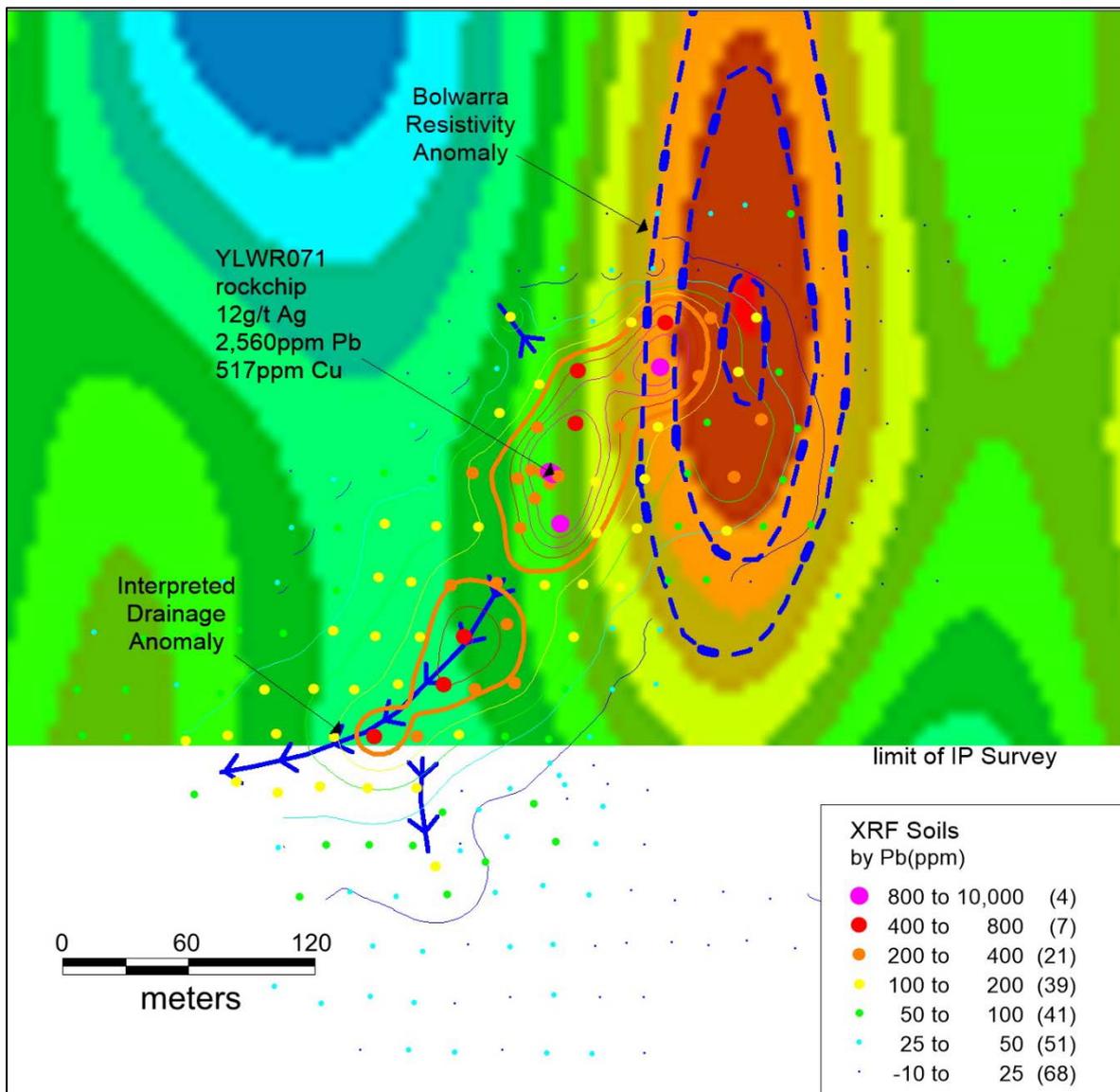


Figure 5: Bolwarra Lead Soil Anomaly overlaid on the 3D IP Resistivity at 100m below surface

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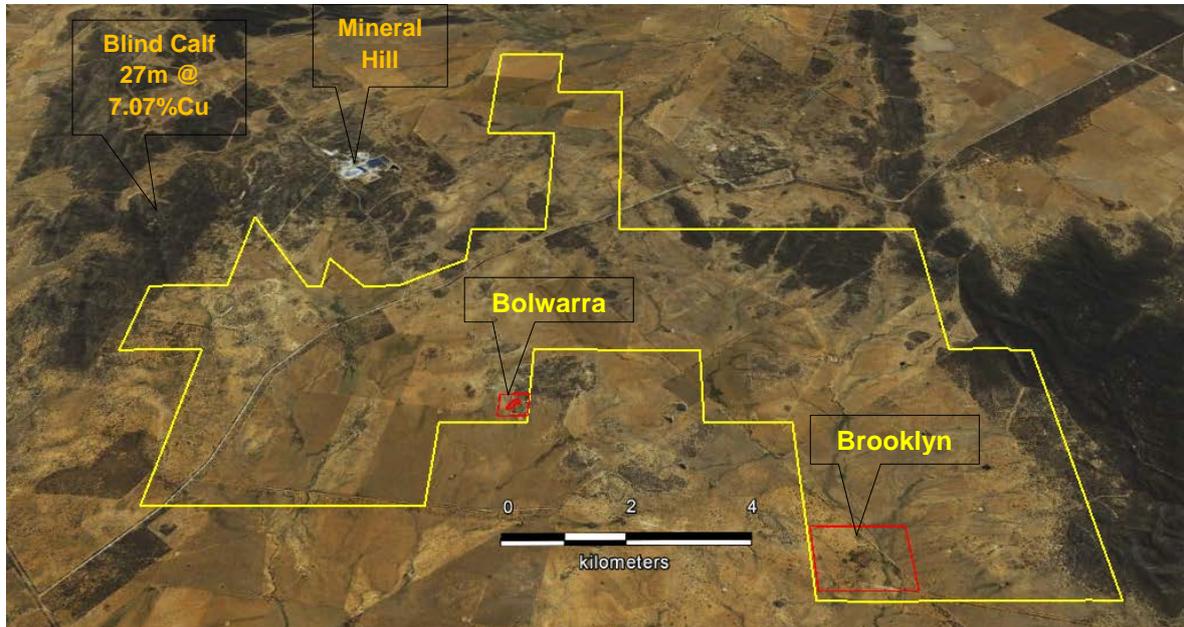


Figure 6: Prospect Locations within EL7945 Mineral Hill South

#### Competent Person's Statement

The information in this report that relates to Exploration Results is based on information provided by Mr D Ward, Member of Australasian Institute of Mining and Metallurgy and a Consultant to Exalt Resources Limited. Mr Ward has sufficient experience that is 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 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Ward, consent to the inclusion in the report of the matters based on his information in the form and context in which it appears.

For further information contact

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#### About Exalt Resources Ltd

Exalt (ASX:ERD) is listed on the Australian Securities Exchange with the objective of becoming a significant Indonesian coal producer with a pipeline of compelling exploration, development and producing projects in strategic locations throughout Indonesia.

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