



# **SUREFIRE COMMENCES FOLLOW-UP EXPLORATION ON EXTENSIVE COPPER-ZINC ZONES**

Australian resource company Surefire Resources NL (ASX: SRN) ("**SRN**" or the "**Company**") is pleased to announce that follow-up exploration has commenced on the Company's Phat Boy prospect that contains highly anomalous copper and zinc assays at its 100% owned Yidby East project in the mid-west of Western Australia (Figure 1).

The company uncovered the anomalous results from broad spaced soil grid sampling to the east of its main Yidby gold project (see ASX announcement 5 September 2024).

Previous exploration in the area has focussed on gold however the broad copper-zinc anomalism highlights the potential for other mineralisation styles to be present.

Four coincident copper and zinc anomalous zones have been delineated along the margin of an inferred shear zone adjacent to an outcropping folded Banded Iron Formation ("**BIF**"), (see Figures 2 and 3).

The anomalous zones each range from approximately 400m x 500m up to 1km x 500m in size and are contiguous across sample lines. The geochemical results have highlighted zones on the northern limb of the banded iron formation.

As noted in the ASX announcement on 5 September 2024, this setting has analogies to the Golden Grove Volcanogenic Hosted Massive Sulphide ("**VHMS**") deposit, (see figure 4).

## **Management Comment:**

### **Surefire Resources Managing Director, Paul Burton said:**

*"The tenor and coincidence of the Copper and Zinc results are very anomalous and enhances the prospectivity of our Yidby Project tenements" he said.*

*"The analogies to Golden Grove and the extent of the anomalism up to 500m x 1km provides ample room for significant mineralisation to occur below surface. This next phase of sampling will tighten up the anomalies and define drill targets.*

*The team here at Surefire is very excited about the prospectivity of this area which could become a major project for the Company. While our focus remains on progressing our flagship Victory Bore project, we are excited to add value to our other projects by further on-ground exploration".*

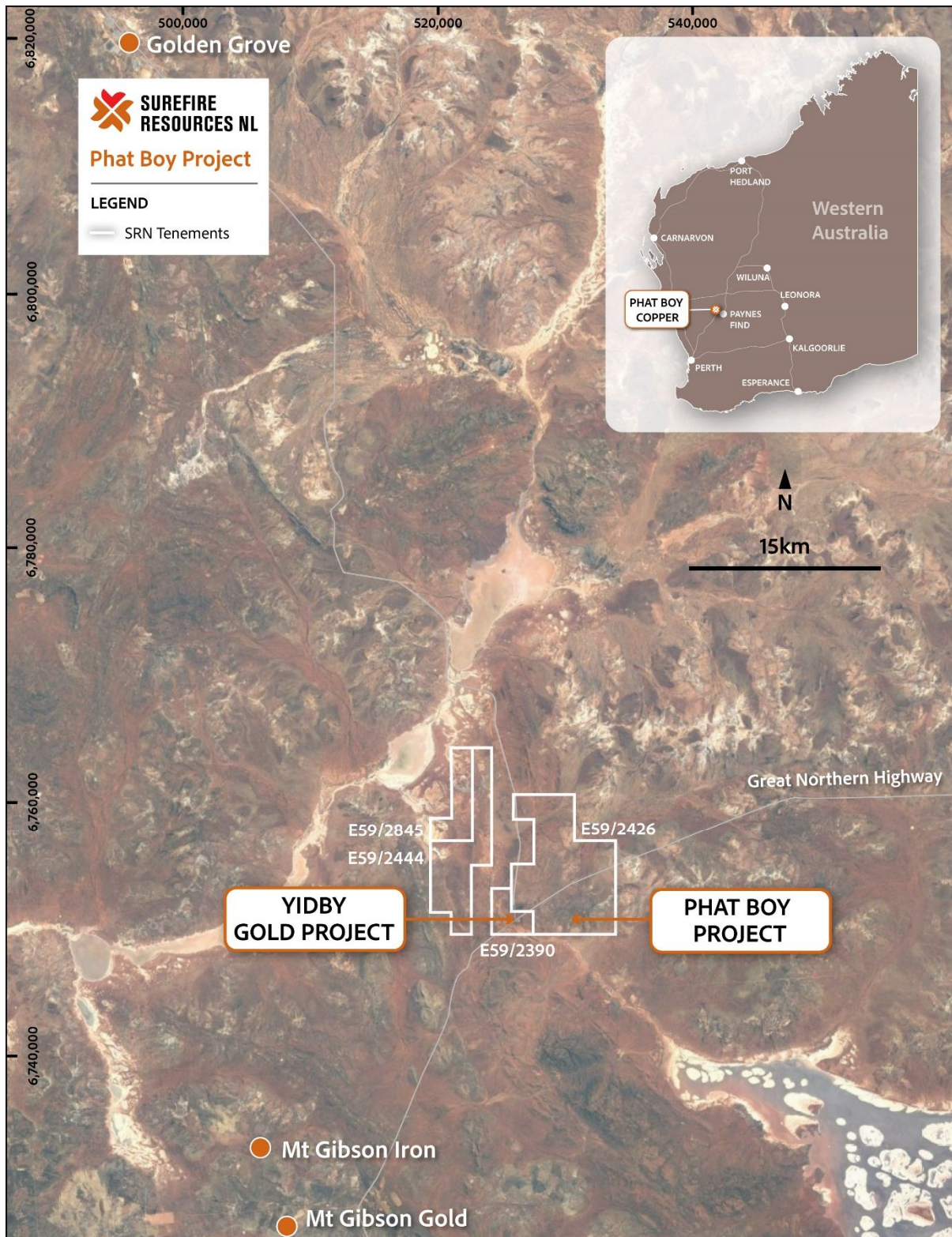


Figure 1: Location map



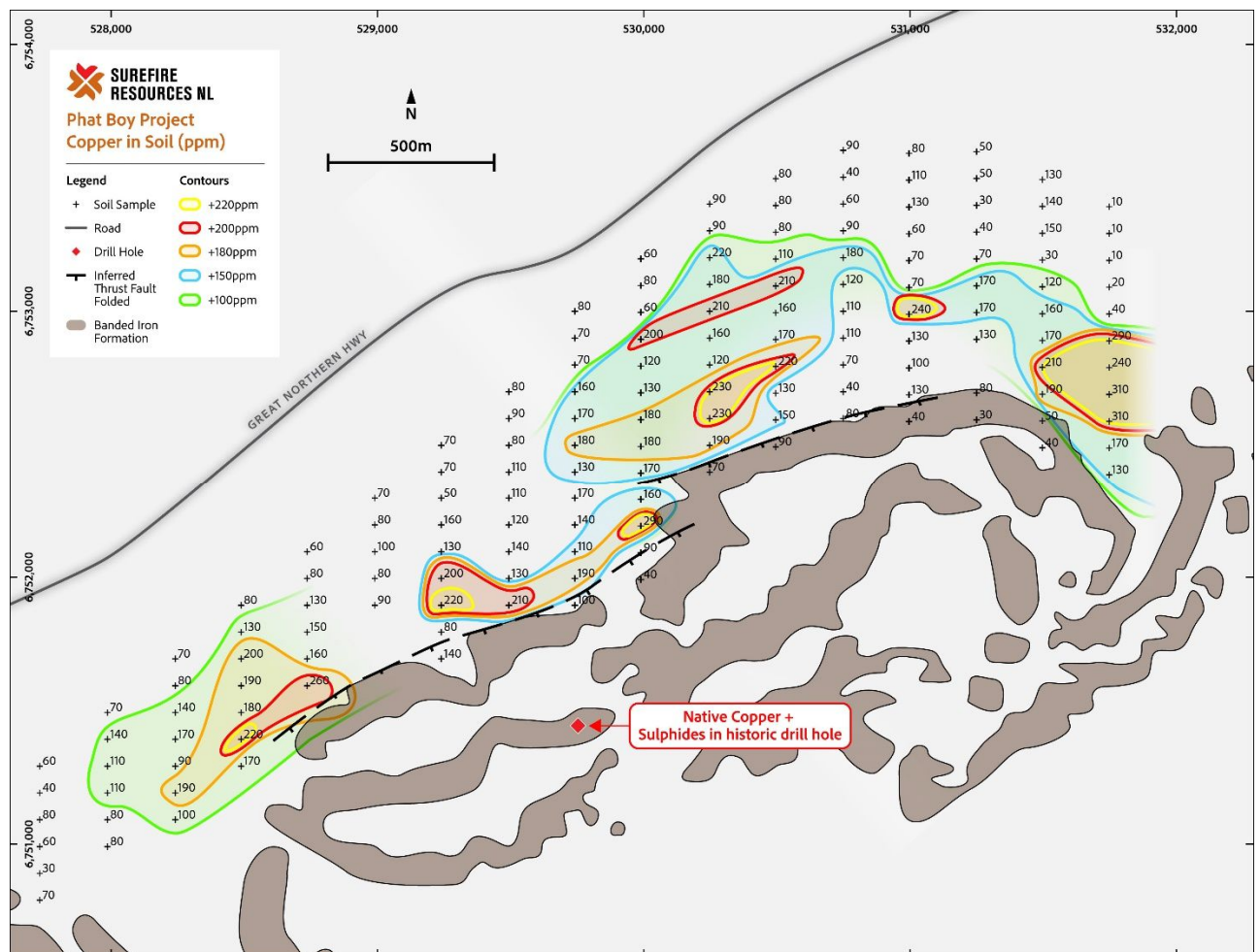


Figure 2: Copper anomalies in residual soils.

### Coincident Copper and Zinc anomalies.

The anomalous zones each range from approximately 500m x 400m up to 1km x 500m in size and are contiguous across sample lines (see Figure 2 and 3).

The extent and tenor of the coincident copper and zinc anomalies are of immediate interest. A programme of detailed soil sampling, rock chip sampling and mapping will be carried out over the target zones over the next week with the aim of refining the anomalies to produce drill targets.

### Exploration Incentive Scheme

The Company has submitted an application under the West Australian Governments Exploration Incentive Scheme for co-funded exploration drilling. The proposed drilling would aim to both confirm the geological model of a VHMS setting and explore geochemical targets derived from the follow up sampling.

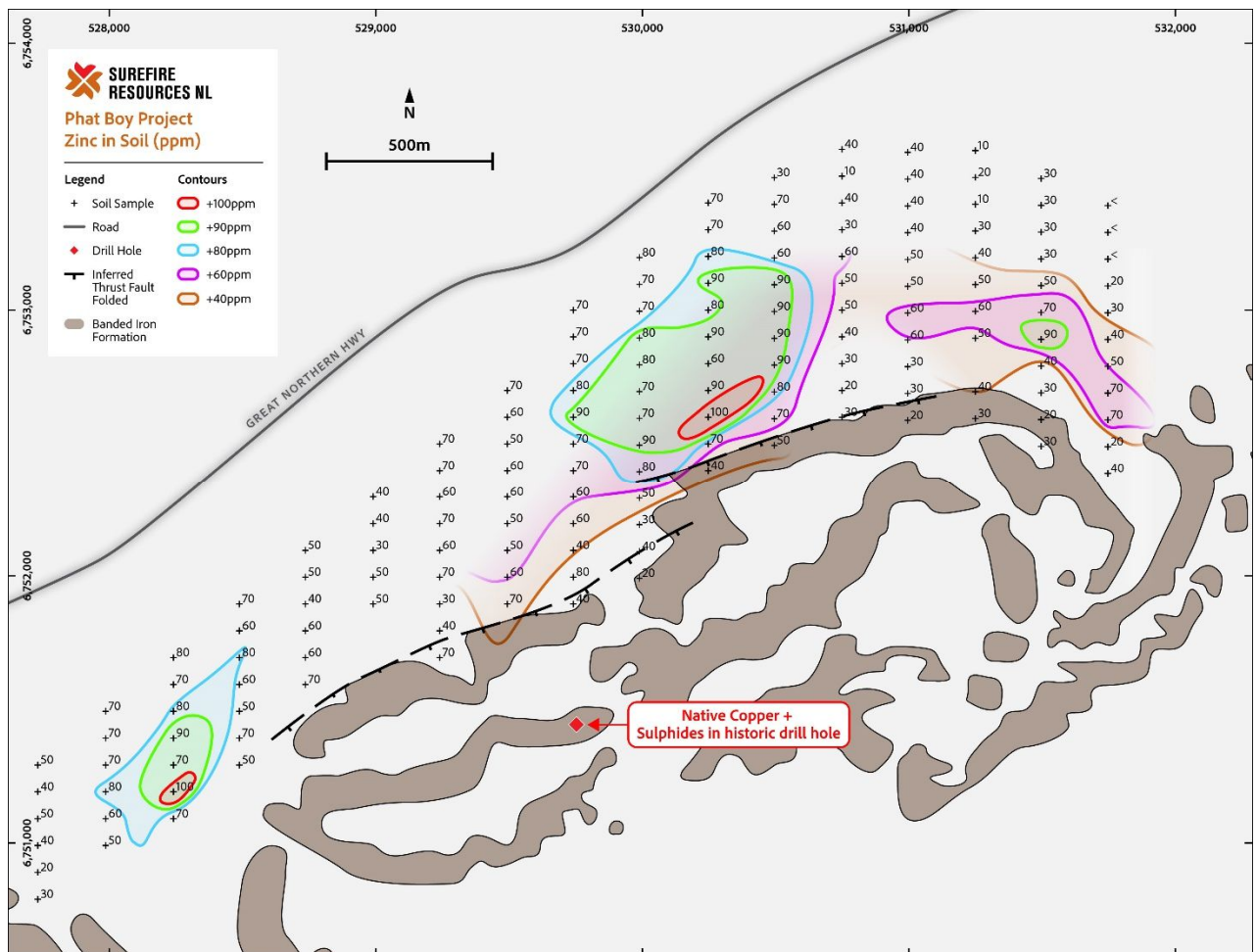


Figure 3: Zinc anomalies in residual soils.

**Geological setting**

The Golden Grove Volcanic Hosted Massive Sulphide (VHMS) deposit is located 50km to the North West from Yidby East in the Warrieddar fold belt (see Figures 1 and 4), with mineralisation occurring along the northeastern flank of the structure associated with folded banded iron stones, meta volcanics and volcanic derived sediments, see figure 4; (Source: Ray Smith, CRC LEME, 2003. “Gossan Hill Cu-Zn-Au Deposit, Western Australia”).

The Yidby East/Phat Boy area has a similar geological and structural setting and is of the same age as the Warrieddar fold belt.

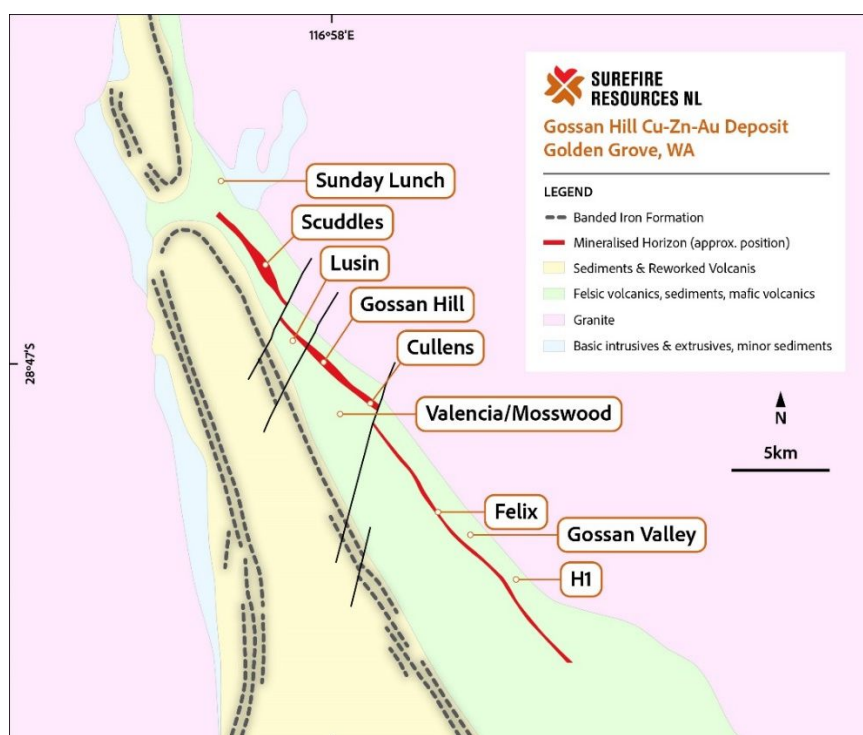


Figure 4: Regional geology of the Warriedar Fold belt, and Golden Grove deposits showing structure and scale (From Smith et al)

Authorised for release to ASX by Paul Burton, Managing Director.

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#### Competent Person Statements:

The information in this report that relates to exploration results has been reviewed, compiled, and fairly represented by Mr Horst Prumm, a Member of the Australian Institute of Mining and Metallurgy ('AusIMM') and the Australian Institute of Geoscience ('AIG') and a fulltime employee of Prumm Corporation Pty Ltd. Mr Prumm has sufficient experience relevant to the style of mineralisation and type of deposits under consideration to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee ('JORC') Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves. Mr Prumm consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

#### Forward Looking Statements:

This announcement contains 'forward-looking information' that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to the Company's business strategy, plans, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations, mineral reserves and resources, results of exploration and related expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate', 'project', 'target', 'potential', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this announcement are cautioned that such statements are only predictions, and that the Company's actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information.