



## **YIDBY GOLD PROJECT EMERGING AS A LARGE GOLD MINERALISED SYSTEM FOLLOWING COMPLETION OF DRILLING PROGRAMME**

***Extensive quartz-porphyry, sulphides and visible gold noted***

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### **Key Points:**

- **25 hole Reverse Circulation programme completed for a total of 3,381m**
  - **A total of 845 composite samples (4m) were collected and will be analysed for gold**
  - **Extensions to the quartz-porphyry, which hosts the gold, were intersected in all holes**
  - **Extensive sulphides were noted and in places visible gold**
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Surefire Resources NL (ASX:SRN) (“**Surefire**” or “**The Company**”) is delighted to report the successful completion of reverse circulation (RC) drilling programme at its 100% owned Yidby Gold project, located 350km northeast of Perth in Western Australia (see Figure 1).

The Yidby Gold project is emerging as a large Gold mineralised system and covers 114km<sup>2</sup> of the southern portion of the gold producing Yalgoo-Singleton Greenstone belt, which hosts some multi-million-ounce gold deposits (See Figure 2).

The completed programme was aimed at targeting extensions to the existing gold mineralised intercepts (refer ASX announcements 4 August 2022 and 3 February 2023), and to test structural targets generated from Surefire’s magnetic and gravity data and structural interpretation from CSA Global.

A total of 25 RC holes were completed to variable depths of up to 288m, for a total 3,381m. A total of 845 composite samples were collected and have been submitted for gold analysis and assay by Nagrom Laboratories Perth. Intersections of Quartz-porphyry were noted in all drill holes, often with visible sulphides, and in places, visible gold (see Figure 5).

### **The Emerging Yidby Gold System**

The mineralised system intersected to date is extensive and now covers over 3km in a NW-SE trending strike length with Gold intercepts at the Yidby, Fender, and Marshall targets (see Figure 3). The gold mineralised system is quartz-porphyry within an assemblage of mafic and ultra-mafic rocks above a large porphyry system. This is very similar to that seen at the Mt Gibson gold mine (2.75MOz) located 30km to the south. (Figure 2 below).

Figure 1 Yidby Gold Project location



Figure 2 The Yidby Gold Project Gold Mine District

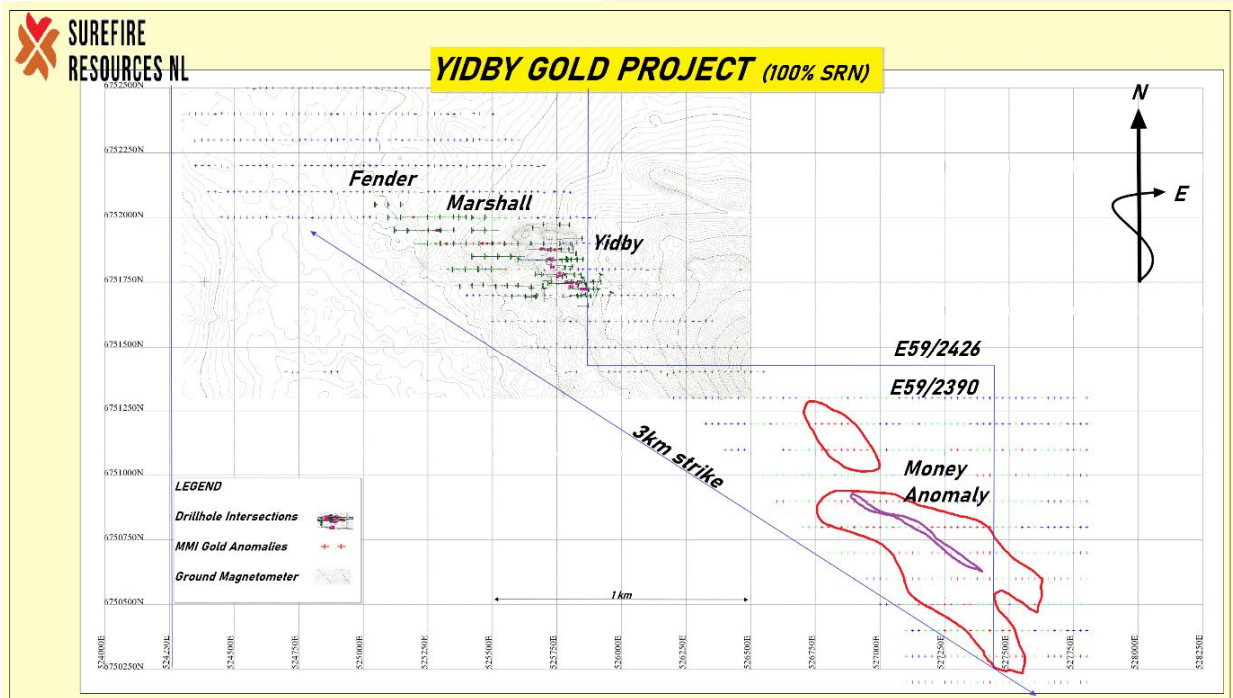
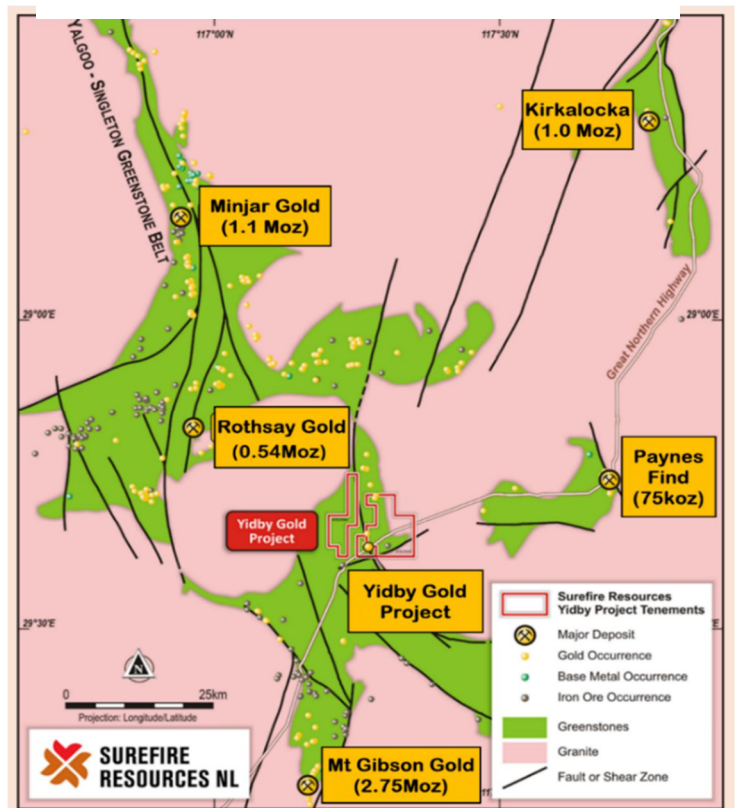
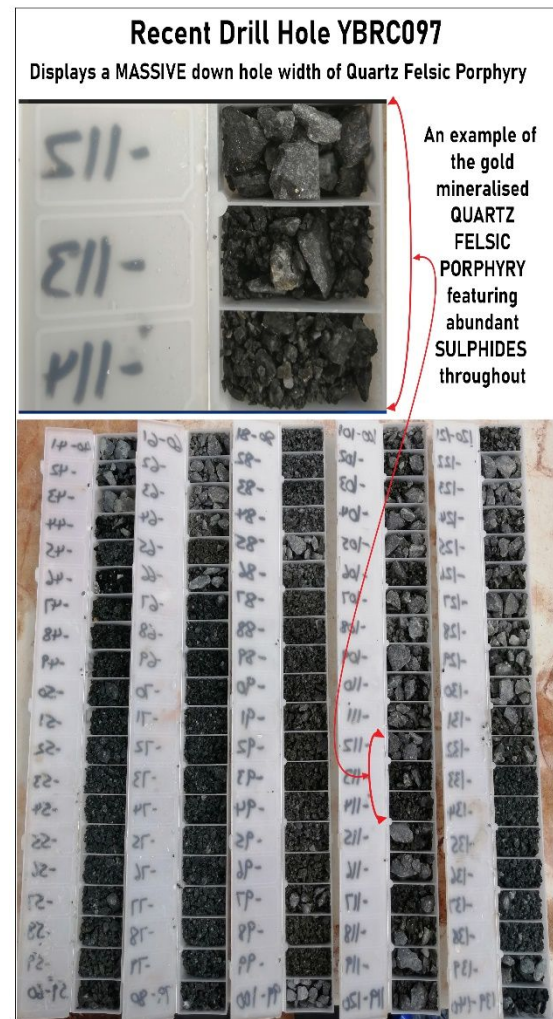


Figure 3 Plan of drilling and Mobile Metal Ion (MMI) geochemistry & ground magnetometer readings Yidby Gold Project

Figure 4 Drilling at the Surefire 100% Yidby Gold



Figure 5 Example of quartz-porphry intersects



### Project Background

Surefire acquired the Yidby tenements in 2020 and has systematically explored the area using geochemistry and geophysics to define drill targets which led to the discovery of a gold system beneath transported overburden. The project is well located within a district scale Gold mining area, close to the Great Northern Highway.

### Management Comment:

Mr Paul Burton, Managing Director said *“This was a very successful drilling program with the gold hosting quartz-porphry intersected in all holes indicating this to be an extensive gold mineralised system. We look forward to reporting the results of this program, and the leach test work underway”.*

**Authorised for ASX release by Paul Burton, Managing Director**

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**Competent Person Statement:**

*The information in this report that relates to exploration results has been reviewed, compiled and fairly represented by Mr Edd Prumm, a Member of the Australian Institute of Mining and Metallurgy ('AusIMM') and a fulltime employee of X2M - Exploration to Mining. Mr Prumm has sufficient experience relevant to the style of mineralisation and type of deposits under consideration to qualify as Competent Persons 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.*

**About Surefire Resources:**

Surefire Resources is an Australian mineral exploration company based in Perth, Western Australia (WA). The company holds mineral exploration licences over Vanadium, Magnetite and Gold projects located in WA. Its focus is on adding value to shareholders by advancing its Victory Bore vanadium critical and battery minerals project, located close to existing infrastructure and currently in pre-feasibility stage. In addition, its large magnetite project with up to 1B tonnes of high-grade Iron, and its Gold project, have potential to add considerable value to the company.