

EXPLORATION UPDATE

YIDBY GOLD 100% WA

- **YIDBY - RC Drilling**
 - Completed 22 holes for 2,298m
 - Number of MMI anomalies tested
 - Depth extension of Yidby Road Gold deposit tested
 - Large zones of potential mineralised quartz and sulphides identified
- **MONEY MMI - Soil Geochemistry**
 - Completed assay interpretation
 - Significant anomalous zones of Au & Cu identified
 - Flora & Fauna Survey completed

Surefire Resources NL (**ASX: SRN**, "the **Company**" or "**SRN**") is pleased to provide an update on recent exploration activities, including RC drilling at Yidby Gold Project, and recent Mobile Metal Ions soil sampling at the Money soil anomaly (Southern Yidby).

Yidby Gold Project

This month, Surefire completed 2 separate phases of drilling of a total of 22 RC holes for 2,298m, Phase 1 to identify potential gold mineralisation from the extensive MMI soil sampling anomalies immediately to the west of the Yidby Road Gold Deposit, and Phase 2 utilising an Explorac HC220 rig to drill a number of deep holes below that deposit.

MMI geochemistry anomalies adjacent to the west of the Yidby Road Gold deposit identified a series of sub-parallel gold trends outside of the current defined Yidby gold area (Figure 1).

The drilling of several of the anomalies was conducted on 3 lines of RC holes targeting a number of high grade MMI anomalies and has identified zones of quartz-carbonate-sulphide alteration within the oxidised to fresh regolith (Figure 2).

At the Yidby Road Gold deposit, 3 RC Holes YBRC41 to YBRC43 were drilled, and depths were reached up to 274m. These were designed to identify gold mineralisation at depth below, and

along strike of **YBRC017 (100m @ 0.53g/t from 96m which includes 13m @ 2.17g/t from 113m)**. Geological logging has, to date, identified 18m of quartz-sulphide alteration from 212m within YBRC041 (Figure 3).

These mineralised zones reflect the potential for additional extensions to the currently known Yidby Road Gold Deposit with past intersections of:

YBRC008	40m @ 3.01 g/t Au From 24m
<i>Incl</i>	4m @ 26.57 g/t Au From 52m
YBRC007	56m @ 1.97 g/t Au From 44m
YBRC019	32m @ 3.68 g/t Au From 150m
YBRC035	26m @ 2.02 g/t Au From 126m

Samples have been submitted for analysis, and the laboratory has advised that there is an anticipated turnround time of up to 8 weeks due to current demand for their services.

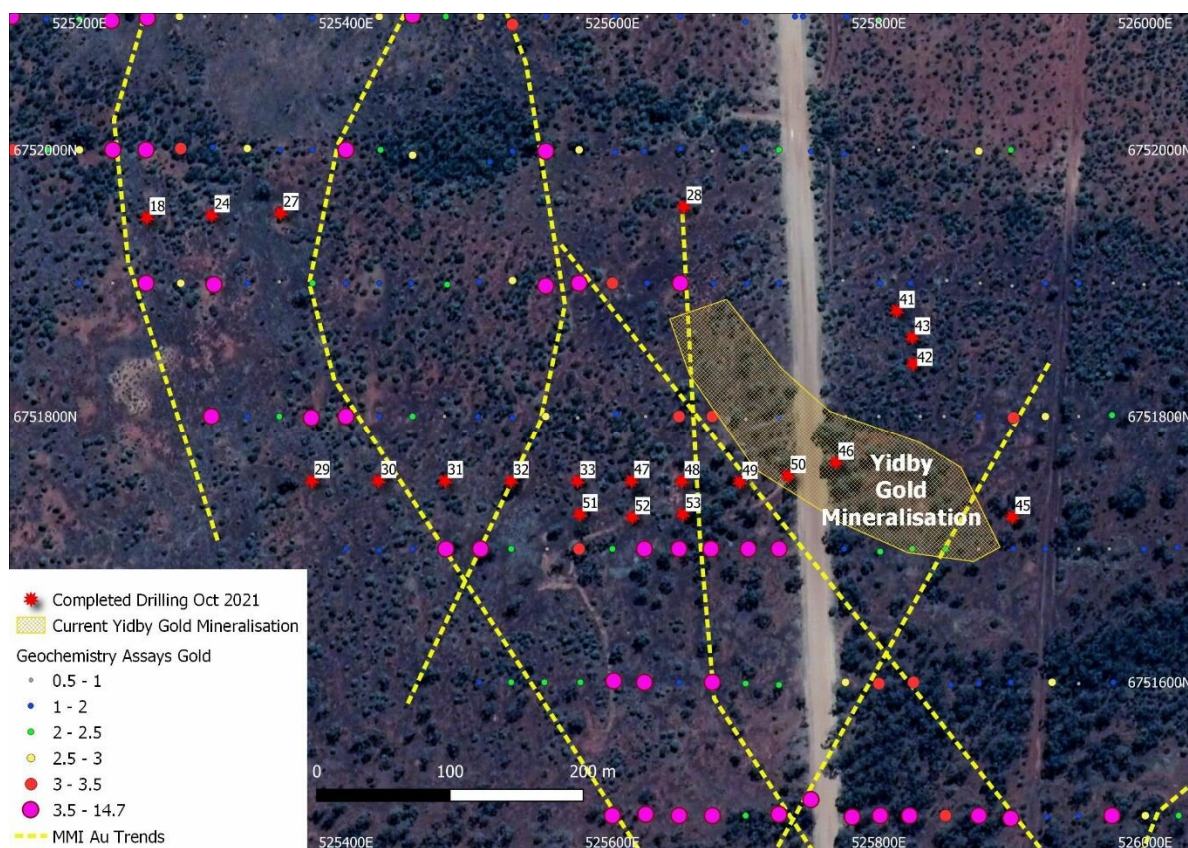


Figure 1: Completed RC drilling locations over MMI gold geochemistry interpretations.

MMI Soil**RC Drill Hole YBRC033**

Figure 2: RC drill hole YBRC033 showing 12m quartz-carbonate-sulphide alteration

Yidby Road Gold Deposit**RC Drill Hole YBRC041**

Figure 3: RC drill hole YBRC041 showing 18m quartz-sulphide alteration

Surface Topography Survey

Surefire engaged Arvista who completed a detailed surface topography survey using drone technology for the purposes of future resource definition and studies of the Yidby Road Gold Deposit.

Money MMI Soil Geochemistry

Surefire announced on 6th September 2021 that large soil anomalies had been identified at Yidby following soil geochemistry conducted in August 2021. The data has recently undergone a more thorough interpretation to identify anomalous trends (Figure 4). Of significance are the gold and copper trends that coincide with each other and a large banded-iron ridge with parallel quartz veining to the west. The mineralisation is not considered to be associated with

the Yidby Road Gold Deposit system of the trending northwest to southeast ultramafics which pass across the northern contact of the Money MMI anomaly.

The newly defined “Money Anomaly” is a large northwest trending 1,000m x 250m area of MMI Au in soil anomalism.

A series of parallel structures is interpreted with the copper and gold, although this could be associated with a wide or flat dipping structure.

Flora and Fauna

Also completed within the Money MMI Geochem anomaly is the flora and fauna study.

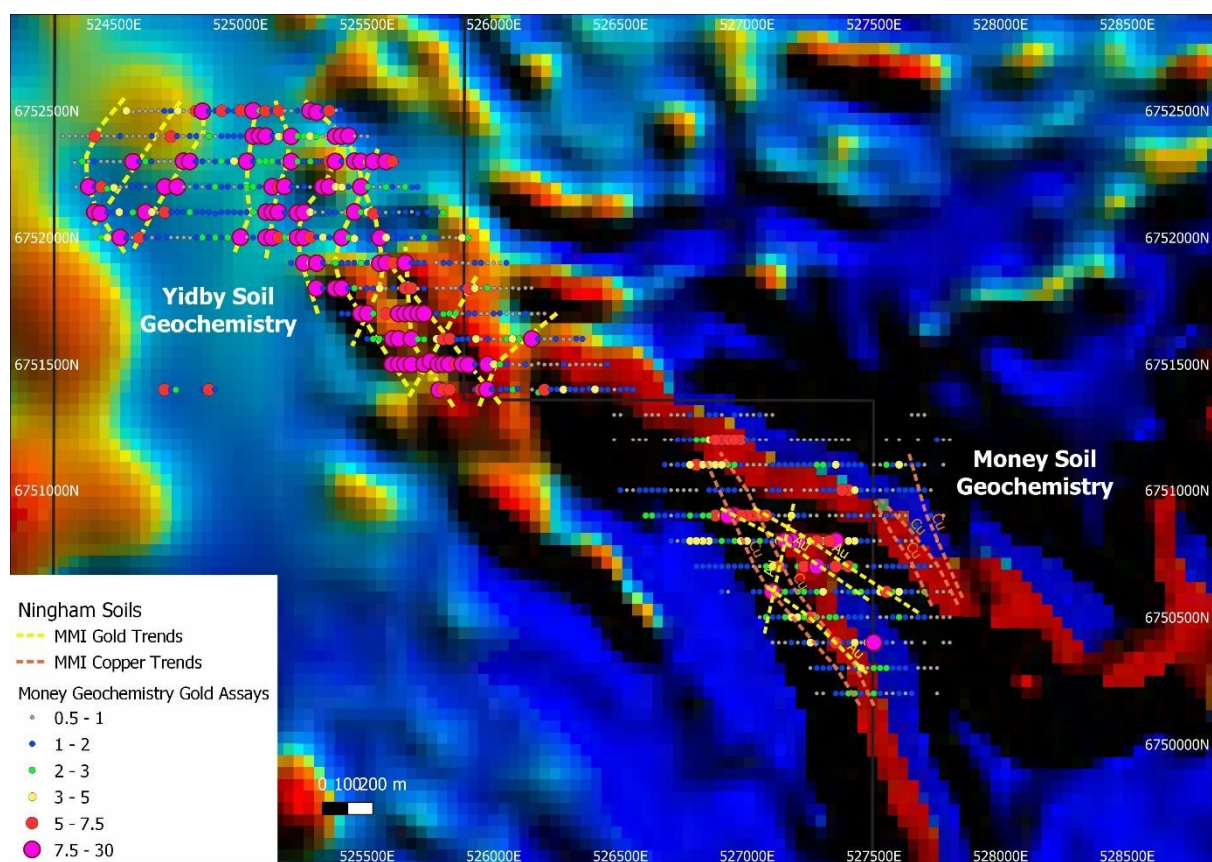


Figure 4: Yidby and Money soil geochemistry showing copper and gold trends over magnetics

Authorised for ASX release by:

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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 Andrew Hawker, a Member of the Australian Institute of Mining and Metallurgy ('MAusIMM') and an independent consultant. Mr Hawker 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 Hawker 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.

New Information or Data:

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