

## VICTORY BORE – UNALY HILL VANADIUM PROJECT

- Excellent continuity of vanadium zones confirmed in modelling of infill RC holes
- 5,188m of close-spaced RC infill drilling along 1.4km of strike of the Inferred Resource
- Drilling designed to upgrade the resource category and inform PFS mining studies
- 20km of strike at Victory Bore-Unaly Hill remains largely untested
- Base metal Ni-Co-Cu sulphides logged in drill samples to be studied in PFS

Surefire Resources NL (“**Surefire**”, “the **Company**”) has completed a preliminary geological model using interim portable XRF analytical results and geological logs of recent RC drill holes at its 100% owned Victory Bore Vanadium Deposit.



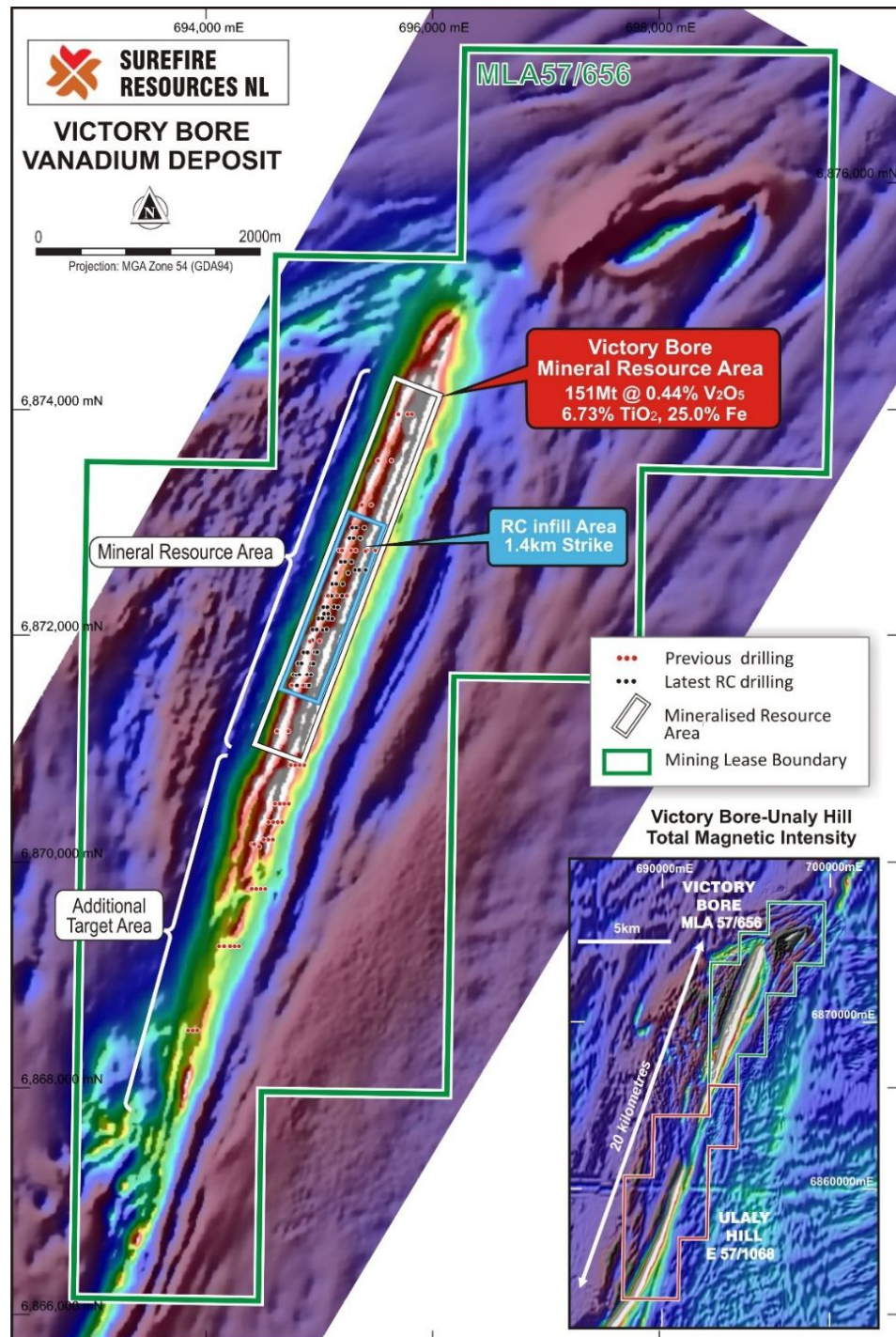
Figure 1 Victory Bore Vanadium Deposit diamond hole VBD2201 drilled for metallurgical testwork (ASX release 18 August 2022), showing vanadium-magnetite bearing core with disseminated sulphides, primarily pyrrhotite (iron sulphide) approximately 2% of the rock mass, with trace (<0.1%) chalcopyrite (copper sulphide) and pentlandite (nickel-cobalt sulphide). Table 1 lists all sulphide visual estimates; the associated cautionary statement also applies to Figure 1.

**Surefire CEO Cain Fogarty commented:** “The technical work program at our Victory Bore - Unaly Hill Vanadium Project continues while we await the lab assay data. The initial geological interpretation is encouraging, because the deposit shows excellent geometry and continuity of mineralisation with a relatively thin weathered overburden, which we expect will support favourable mining conditions. In addition, with the discovery of base metal sulphides we will investigate the potential to generate additional revenue via a sulphide concentrate that could be produced from flotation of the vanadium-magnetite tailings.”

**Victory Bore-Unaly Hill Project**

The Victory Bore - Unaly Hill Project is favourably located in the Midwest mining district 50 km south of Sandstone, Western Australia.

The combined Project comprises one of the largest  $V_2O_5$  resources in Western Australia, with an Inferred Mineral Resource<sup>1</sup> **237Mt @ 0.43%  $V_2O_5$ , 24.9% Fe, and 5.9%  $TiO_2$**



**Figure 2 Victory Bore Vanadium Deposit infill RC drilling, and resource location within the extensive layered gabbro complex and Surefire's tenure.**

<sup>1</sup> ASX release 29 June 2017 (QNL).



The infill drilling was designed to upgrade the resource category and provide samples for the metallurgical testwork component of the Pre-Feasibility Study (PFS). Assays are awaited from the laboratory. Portable XRF analyses were completed only to guide the drilling, and the XRF data is considered insufficient to report grades because the unit was not calibrated specifically for vanadium and elements of interest, nor were certified reference samples routinely analysed to confirm results. The Company has used these results qualitatively to link similar zones between drill holes, combined with geological logs, to guide the initial geological interpretation.

The Victory Bore – Unaly Hill deposits are contained within a layered gabbro with multiple stacked vanadium-titanium-magnetite layers up to 80m wide. The layered gabbro strikes 020° and dips 80° to the west, with excellent continuity seen between drill holes. Weathering is shallow, with fresh rock consistently logged from 10 to 25m below surface. The combined Victory Bore - Unaly Hill host gabbro has a total strike length of over 20km, which is yet to be fully tested and illustrates the Project's longer-term exploration potential (Figure 2).

Logging of fresh RC chips has also revealed disseminated sulphides including pyrite, chalcopyrite and pyrrhotite in places associated with increasing amounts of vanadium-titanium-magnetite (Table 1). RC samples will be assayed for Ni, Co and Cu.

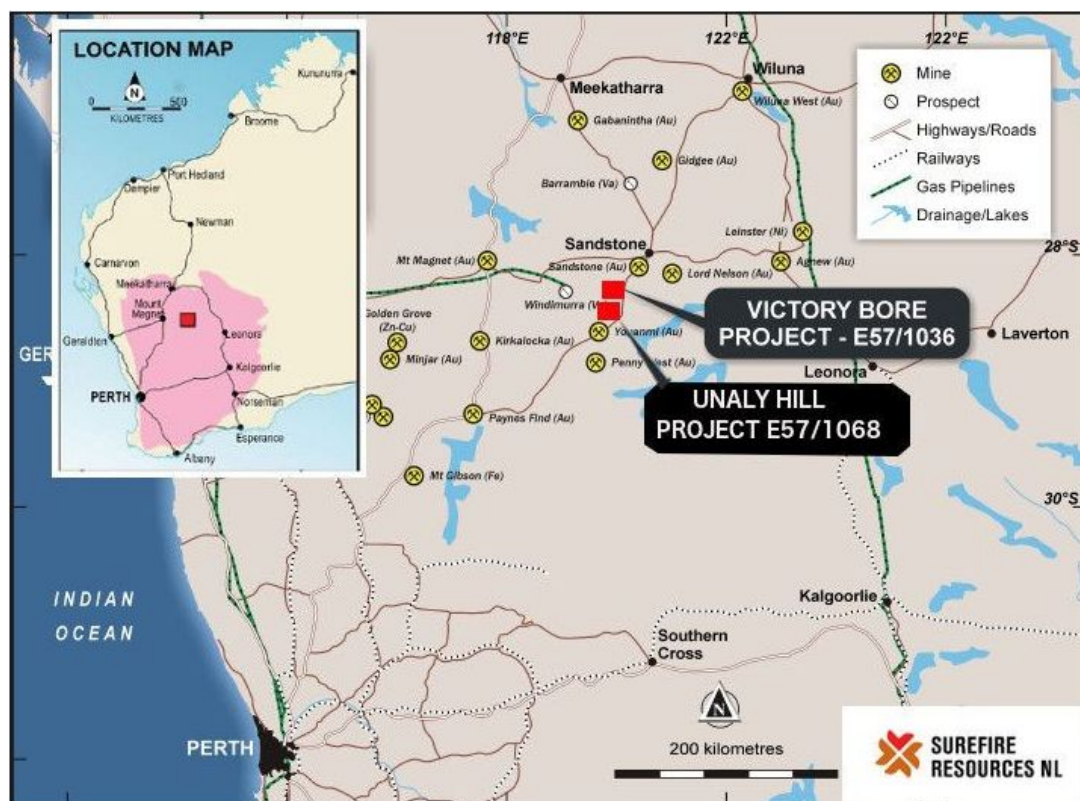


Figure 3 Victory Bore Vanadium Deposit is located on E57/1036 and Mining License Application M57/656; Surefire's Unaly Hill Vanadium deposit is located adjacent and along strike on E57/1068.

Authorised for ASX release by:

Cain Fogarty  
CEO

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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 Marcus Flis, a Fellow of the Australian Institute of Mining and Metallurgy ('AusIMM') and a fulltime employee of Rountree Pty Ltd. Mr Flis 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 Flis 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:**

*Surefire confirms that it is not aware of any new information or data that materially affects the information included previous market announcements and, in the case of Mineral Resources, all material assumptions and technical parameters underpinning the estimates in the relevant announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not materially changed from the original market announcement.*

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**Table 1 Victory Bore significant sulphide mineralised intervals in drill holes. In relation to the disclosure of visual mineralisation, the Company cautions that visual estimates of sulphide abundance should not be considered a proxy or substitute for laboratory analysis. Laboratory assay results are required to determine the widths and grade of the visible mineralisation reported in geological logging. The Company will update the market when analytical results become available. True widths are approximately 80% of down-hole lengths.**

| Hole     | MGA E  | MGA N   | RL  | EOH | Dip | Azimuth | From | To  | Length | Description Sulphide % (Visual Estimate)    |
|----------|--------|---------|-----|-----|-----|---------|------|-----|--------|---|
| VBRC0001 | 694883 | 6871551 | 475 | 43  | -60 | 101     | 28   | 43  | 15     | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0002 | 694794 | 6871554 | 475 | 41  | -60 | 109     | 14   | 19  | 5      | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0003 | 694918 | 6871650 | 475 | 53  | -60 | 110     | 28   | 36  | 8      | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0003 |        |         |     |     |     |         | 28   | 33  | 5      | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0003 |        |         |     |     |     |         | 34   | 36  | 2      | Disseminated Po 0.5-2%, 0.5% Pn+Cp          |
| VBRC0003 |        |         |     |     |     |         | 39   | 53  | 14     | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0004 | 694888 | 6871649 | 475 | 110 | -60 | 110     | 74   | 100 | 26     | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0005 | 694794 | 6871647 | 475 | 40  | -60 | 109     | 29   | 39  | 10     | Disseminated Po 0.5-2%, Nil Pn+Cp           |
| VBRC0006 | 694764 | 6871651 | 475 | 131 | -60 | 106     | 78   | 80  | 2      | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0006 |        |         |     |     |     |         | 104  | 109 | 5      | Abundant Disseminated Po 2-4%, <0.1% Pn+Cp  |
| VBRC0007 | 694946 | 6871750 | 475 | 71  | -60 | 110     | 34   | 40  | 6      | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0007 |        |         |     |     |     |         | 53   | 69  | 16     | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0008 | 694920 | 6871754 | 475 | 119 | -60 | 112     | 65   | 78  | 13     | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0009 | 694835 | 6871751 | 475 | 65  | -60 | 110     | 41   | 52  | 11     | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0010 | 694803 | 6871755 | 475 | 119 | -60 | 105     | 92   | 99  | 7      | Disseminated Py 2-4%, <0.1% Pn+Cp           |
| VBRC0011 | 694979 | 6871850 | 475 | 65  | -60 | 115     | 32   | 60  | 28     | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0012 | 694952 | 6871854 | 475 | 125 | -59 | 116     | 73   | 92  | 19     | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0012 |        |         |     |     |     |         | 120  | 121 | 1      | Abundant Disseminated Po 2-4%, <0.1% Pn+Cp  |
| VBRC0013 | 694881 | 6871854 | 475 | 41  | -59 | 99      | 30   | 33  | 3      | Minor disseminated Py 0.1-0.5%, <0.1% Pn+Cp |
| VBRC0014 | 694850 | 6871855 | 475 | 129 | -60 | 105     | 48   | 49  | 1      | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0014 |        |         |     |     |     |         | 77   | 83  | 6      | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0015 | 695013 | 6871956 | 475 | 74  | -60 | 104     | 40   | 47  | 7      | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0016 | 694931 | 6871956 | 475 | 47  | -60 | 106     |      |     |        | No sulphides logged                         |
| VBRC0017 | 695056 | 6872055 | 475 | 53  | -60 | 110     |      |     |        | No sulphides logged                         |
| VBRC0018 | 695024 | 6872048 | 475 | 152 | -60 | 102     | 121  | 147 | 26     | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0019 | 694967 | 6872050 | 475 | 53  | -60 | 110     |      |     |        | No sulphides logged                         |
| VBRC0020 | 694938 | 6872054 | 475 | 125 | -60 | 102     | 56   | 58  | 2      | <0.1%ace disseminated Py, <0.1% Pn+Cp       |
| VBRC0021 | 695108 | 6872148 | 475 | 83  | -60 | 106     | 55   | 78  | 23     | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0022 | 695071 | 6872149 | 475 | 138 | -60 | 109     | 106  | 130 | 24     | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0023 | 695015 | 6872154 | 475 | 72  | -60 | 110     |      |     |        | No sulphides logged                         |
| VBRC0024 | 694985 | 6872151 | 475 | 120 | -60 | 102     | 94   | 111 | 17     | Disseminated 0.1-0.5% Pn + Cp               |
| VBRC0025 | 695154 | 6872249 | 475 | 90  | -60 | 110     | 42   | 56  | 14     | Disseminated Po 0.5-2%, <0.1% Pn+Cp         |
| VBRC0026 | 695124 | 6872252 | 475 | 129 | -60 | 115     | 92   | 98  | 6      | Disseminated <0.1% Po, <0.1% Pn+Cp          |
| VBRC0027 | 695056 | 6872251 | 475 | 60  | -60 | 105     |      |     |        | No sulphides logged                         |
| VBRC0028 | 695030 | 6872250 | 475 | 126 | -60 | 103     | 71   | 80  | 9      | Disseminated Po 0.5-2%, 0.1-0.5% Pn + Cp    |
| VBRC0029 | 695193 | 6872348 | 475 | 60  | -60 | 104     | 29   | 34  | 5      | Disseminated <0.1% Pn+Cp                    |
| VBRC0029 |        |         |     |     |     |         | 47   | 50  | 3      | Disseminated 0.1-0.5% Pn + Cp               |

|          |        |         |     |     |     |     |     |     |    |  |
|----------|--------|---------|-----|-----|-----|-----|-----|-----|----|--|
| VBRC0030 | 695104 | 6872353 | 475 | 48  | -60 | 105 |     |     |    | No sulphides logged                      |
| VBRC0031 | 695238 | 6872449 | 475 | 37  | -60 | 100 |     |     |    | No sulphides logged                      |
| VBRC0032 | 695203 | 6872453 | 475 | 113 | -60 | 115 | 73  | 83  | 10 | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0033 | 695144 | 6872451 | 475 | 52  | -60 | 106 |     |     |    | No sulphides logged                      |
| VBRC0034 | 695109 | 6872452 | 475 | 119 | -60 | 108 | 68  | 77  | 9  | Disseminated <0.1% Pn+Cp                 |
| VBRC0035 | 695269 | 6872551 | 475 | 86  | -60 | 108 | 32  | 33  | 1  | Disseminated Po 0.5-2%, 0.5% Pn + Cp     |
| VBRC0036 | 695248 | 6872551 | 475 | 119 | -60 | 108 |     |     |    | No sulphides logged                      |
| VBRC0037 | 695174 | 6872553 | 475 | 53  | -60 | 110 | 41  | 45  | 4  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0038 | 695142 | 6872553 | 475 | 125 | -60 | 105 | 86  | 89  | 3  | Disseminated Po 0.5-2%, 0.1-0.5% Pn + Cp |
| VBRC0039 | 695316 | 6872646 | 475 | 77  | -60 | 115 | 24  | 25  | 1  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0039 |        |         |     |     |     |     | 38  | 39  | 1  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0040 | 695280 | 6872649 | 475 | 117 | -60 | 118 | 77  | 78  | 1  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0040 |        |         |     |     |     |     | 97  | 98  | 1  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0040 |        |         |     |     |     |     | 98  | 99  | 1  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0040 |        |         |     |     |     |     | 99  | 100 | 1  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0041 | 695211 | 6872651 | 475 | 41  | -60 | 106 | 28  | 29  | 1  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0041 |        |         |     |     |     |     | 29  | 30  | 1  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0041 |        |         |     |     |     |     | 30  | 31  | 1  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0042 | 695184 | 6872650 | 475 | 110 | -60 | 105 | 59  | 66  | 7  | Disseminated 0.5% Pn + Cp                |
| VBRC0042 |        |         |     |     |     |     | 93  | 101 | 8  | Disseminated <0.1% Pn + Cp               |
| VBRC0043 | 695334 | 6872751 | 475 | 95  | -60 | 107 | 86  | 87  | 1  | Disseminated <0.1% Pn + Cp               |
| VBRC0044 | 695392 | 6872855 | 475 | 71  | -60 | 110 | 28  | 36  | 8  | Disseminated Po 0.5-2%, 0.1-0.5% Pn + Cp |
| VBRC0044 |        |         |     |     |     |     | 42  | 52  | 10 | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0044 |        |         |     |     |     |     | 61  | 65  | 4  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0045 | 695357 | 6872860 | 475 | 95  | -60 | 120 | 74  | 78  | 4  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0046 | 695293 | 6872859 | 475 | 59  | -60 | 107 | 41  | 47  | 6  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0047 | 695261 | 6872854 | 475 | 117 | -60 | 101 | 77  | 83  | 6  | Disseminated Po 0.5-2%, 0.1-0.5% Pn + Cp |
| VBRC0047 |        |         |     |     |     |     | 107 | 111 | 4  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0048 | 695416 | 6872945 | 475 | 65  | -60 | 113 | 35  | 60  | 25 | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0049 | 695390 | 6872948 | 475 | 128 | -60 | 113 | 73  | 75  | 2  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0049 |        |         |     |     |     |     | 75  | 76  | 1  | Disseminated Po 0.5-2%, 0.1-0.5% Pn + Cp |
| VBRC0049 |        |         |     |     |     |     | 76  | 82  | 6  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0049 |        |         |     |     |     |     | 88  | 93  | 5  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0050 | 695315 | 6872952 | 475 | 71  | -60 | 106 |     |     |    | No sulphides logged                      |
| VBRC0051 | 695289 | 6872949 | 475 | 131 | -60 | 110 | 45  | 47  | 2  | Disseminated Py 0.5-2%, <0.1% Cp         |
| VBRC0051 |        |         |     |     |     |     | 50  | 52  | 2  | Disseminated Po 0.5-2%, <0.1% Cp         |
| VBRC0051 |        |         |     |     |     |     | 79  | 86  | 7  | Disseminated Po 0.5-2%, <0.1% Cp         |
| VBRC0052 | 694898 | 6871551 | 475 | 53  | -60 | 98  | 22  | 27  | 5  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0052 |        |         |     |     |     |     | 32  | 39  | 7  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0052 |        |         |     |     |     |     | 46  | 49  | 3  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0053 | 694804 | 6871551 | 475 | 53  | -60 | 110 | 33  | 41  | 8  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0054 | 694814 | 6871650 | 475 | 59  | -60 | 105 | 29  | 30  | 1  | Disseminated Po 0.5-2%, 0.5% Pn+Cp       |
| VBRC0054 |        |         |     |     |     |     | 30  | 37  | 7  | Disseminated Po 0.5-2%, <0.1% Pn+Cp      |
| VBRC0055 | 694891 | 6871850 | 475 | 47  | -60 | 104 |     |     |    | No sulphides logged                      |

|          |        |         |     |     |     |     |     |     |    |                                     |
|----------|--------|---------|-----|-----|-----|-----|-----|-----|----|-------------------------------------|
| VBRC0056 | 695076 | 6872050 | 475 | 90  | -60 | 107 | 57  | 82  | 25 | Disseminated Po 0.5-2%, <0.1% Pn+Cp |
| VBRC0057 | 694987 | 6872050 | 475 | 72  | -60 | 106 | 41  | 43  | 2  | Disseminated Po 0.5-2%, 0.5% Pn+Cp  |
| VBRC0057 |        |         |     |     |     |     | 45  | 49  | 4  | Disseminated Po 0.5-2%, <0.1% Pn+Cp |
| VBRC0058 | 695069 | 6872250 | 475 | 78  | -60 | 97  | 23  | 30  | 7  | Disseminated 0.5% Pn + Cp           |
| VBRC0059 | 695124 | 6872350 | 475 | 54  | -60 | 104 | 41  | 42  | 1  | Disseminated Py 0.5-2%, <0.1% Pn+Cp |
| VBRC0060 | 695194 | 6872550 | 475 | 45  | -60 | 107 | 30  | 31  | 1  | Disseminated Po 0.5-2%, <0.1% Pn+Cp |
| VBRC0061 | 695231 | 6872650 | 475 | 54  | -60 | 107 |     |     |    | No sulphides logged                 |
| VBRC0062 | 695382 | 6872850 | 475 | 120 | -60 | 105 | 49  | 65  | 16 | Disseminated Po 0.5-2%, <0.1% Pn+Cp |
| VBRC0062 |        |         |     |     |     |     | 72  | 78  | 6  | Disseminated Po 0.5-2%, <0.1% Pn+Cp |
| VBRC0062 |        |         |     |     |     |     | 84  | 89  | 5  | Disseminated Po 0.5-2%, <0.1% Pn+Cp |
| VBD2201  | 695345 | 6872581 | 475 | 150 | -60 | 285 |     |     |    | No sulphides logged                 |
| VBD2202  | 695309 | 6872579 | 475 | 142 | -61 | 291 | 138 | 143 | 5  | Disseminated Po 0.5-2%, <0.1% Pn+Cp |

Po = pyrrhotite (iron sulphide), Py = pyrite (iron sulphide), Pn = pentlandite (nickel sulphide), Cp = chalcopyrite (copper sulphide).

## JORC Code, 2012 Edition:

### Section 1: Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

| Criteria                     | Commentary   |
|------------------------------|--|
| <b>Sampling Techniques</b>   | <p>Reverse Circulation ("RC") drilling was undertaken with a 137mm diameter face sampling hammer bit. A rig mounted cyclone sampling system was employed.</p> <p>Samples were taken from every metre of drilling advance and laid out on the ground in the sequence of drilling.</p> <p>Diamond drilling was done using a HQ sized diamond core. 100% of the resulting core was collected and stored in core trays clearly labelled with hole name and metreage.</p>   |
| <b>Drilling techniques</b>   | <p>The Reverse circulation rig used a downhole hammer and face sampling button bit.</p> <p>A total of 62 RC holes were drilled for a total of 5188 metres.</p> <p>Diamond drilling consisted of 2 holes for 292 metres. Core was oriented at 6m intervals using a spear and crayon tool.</p>   |
| <b>Drill sample recovery</b> | <p>Geologist supervising the RC drilling program recorded each metre as it was drilled. Geological logs, samples logs, daily drill logs, and sample piles all recorded hole depths. No aberrations were found. The cyclone is shut off when collecting the RC sample and released to the sample bags at the completion of each metre to ensure no cross contamination. Samples were weighed at the laboratory to allow comparative analysis.</p> <p>Diamond Drill core recovery was noted during diamond drilling. No aberrations were found.</p>  |
| <b>Logging</b>               | <p>Drill cuttings were geologically logged to the level of detail deemed appropriate for mineral exploration, with details entered into the geological database.</p> <p>Geological logging was conducted per 1m sample with lithologies and weathering zones being documented throughout. Representative samples from the 1m RC bags were sieved, washed, and placed in chip trays for each hole.</p> <p>Drilling logs record weathering, oxidation, mineralogy, colour, texture, and mineralisation. Qualitative and quantitative estimations of sulphide content were completed.</p> <p>The drill holes reported were logged in full.</p> <p>Diamond core will be geotechnically logged in addition to the normal geological logging.</p> <p>A pXRF unit was used to monitor vanadium mineralisation to guide drilling. The results of those pXRF measurements are not being reported and are not material to this announcement as (a) they were used to assess whether the mineralised horizon had been intersected and not to quantitatively assess that mineralisation, (b) the calibrations, scanning times, and scanning geometries were not optimised to provide an accurate assay nor were certified reference samples routinely analysed to check results, (c) pXRF results were used as an indicator of mineralisation, not for assaying that mineralisation; the machine factory settings allow for a qualitative understanding of relative vanadium</p> |

|   |   |
|---|---|
|   | abundance only and (d) all samples from drilling will be assayed, those assays being definitive and quality controlled to be superior to any pXRF results.  |
| <b>Sub-sampling techniques and sample preparation</b> | <p><u>RC drilling:</u><br/>Approximately 2 to 3kg X 1m cyclone split samples were collected for every meter of drilling advance.</p> <p>The split samples were manually composited into 2m composites using a 50:50 riffle splitter. The 2m composites were transported to Nagrom Laboratories for laboratory assay by Surefire personnel.</p> <p>All samples were dry.</p> <p>Quality control is being provided by sample duplicates, standards and blanks which were included at a rate of approximately 1 per 20 to 25 samples for the drilling program.</p> <p>RC samples for assaying were stored in calico bags and dispatched to ALS Laboratories, by an employee of the company, for multi-element assaying.</p> <p>The sample weights and size fractions are deemed appropriate to this style of mineralisation.</p> <p>A washed and sieved rock chip subsample was prepared and stored in consecutively numbered chip trays.</p> <p>RC sample preparation followed industry best practise. All samples will be crushed to -6mm then pulverised to 75µm passing 85%.</p> <p><u>Diamond drilling:</u><br/>No subsampling has been completed on the core at time of writing. Core will initially be used whole for geotechnical test work. Bulk assaying may be carried out on the remains after this test work is completed.</p>        |
| <b>Quality of assay data and laboratory tests</b>     | <p>No assay data is being reported in this announcement.</p> <p>A pXRF unit was used to monitor vanadium mineralisation to guide drilling. The results of those pXRF measurements are not being reported and are not material to this announcement as (a) they were used to assess whether the mineralised horizon had been intersected and not to quantitatively assess that mineralisation, (b) the calibrations, scanning times, and scanning geometries were not optimised to provide an accurate assay nor were certified reference samples routinely analysed to check results, (c) pXRF results were used as an indicator of mineralisation, not for assaying that mineralisation; the machine factory settings allow for a qualitative understanding of relative vanadium abundance only and (d) all samples from drilling will be assayed, those assays being definitive and quality controlled to be superior to any pXRF results.</p> <p>QA/QC will be provided by use of duplicate sampling, certified reference standards, and blanks (typically 1 in 20 to 25 samples) and the laboratory's in-house procedures. These include, but are not limited to, the use of additional standard reference materials, duplicates and blanks which are inserted into sample batches at a frequency deemed appropriate by the laboratory.</p> |
| <b>Verification of sampling and assaying</b>          | <p>The sampling techniques were reviewed in the field by an external consultant.</p> <p>No twinned holes were drilled as not considered necessary at this stage of exploration.</p> <p>All data is recorded in specifically designed templates. Assay data was received in spreadsheets and downloaded into geological database.</p> <p>No Laboratory assay data is available at time of writing, when available the Geological and sample data will be compiled by an external consultant, rOre Data, and stored on theirs and the Company's database. The analysis of Vanadium will be multiplied by 1.7852 to derive V2O5. No other adjustments were made to the data on receipt from the assay laboratory.</p>  |
| <b>Location of Data Points</b>                        | <p>Drill hole collars was located with handheld GARMIN 64st GPS. Elevation value is in AHD. Accuracy is +/-3m for east and north, and +/-10m for elevation. All collar data has been rounded to the nearest meter at this stage. DGPS collar coordinates have been collected and are being processed by Southern Geoscience Consultants at the time of reporting.</p> <p>Drill hole location is reported using the GDA94_MGAz50 grid system</p> <p>Down hole surveys were collected by external consultant ABIMS using a gyro probe and are entered into the dataset. The drillhole collar table provides an approximate average of the detailed down hole survey points.</p>   |
| <b>Data spacing and distribution</b>                  | <p>RC holes were drilled along lines spaced 100m N and by 20 to 30m in easting to in-fill existing drilling lines spaced 400mN X 20 to 30m in easting. Infill drilling was planned to upgrade the confidence level of the drilled portion of the resource.</p> <p>The data spacing is considered sufficient to assume geological and grade continuity.</p>  |



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|  | RC drilling samples were taken at 1m intervals downhole which is considered sufficient for the likely bench heights that may be used in a mining operation.   |
| <b>Orientation of data in relation to geological structure</b> | The drill holes were angled approximately perpendicular to the strike of the target horizon to achieve unbiased sampling of the target horizon. Geological strike is well defined by historical previously published aeromagnetic data.<br><br>Hole declination was chosen to sample the near vertical target horizon with 2 intersections per lode per section and economically cover the target.<br><br>Drill intersections are not true widths. It is considered that minimal sample bias has been introduced by the drill holes' orientation. |
| <b>Sample security</b>   | Chain of custody of samples was managed by the company personnel and the laboratory. Logging and sampling were carried out in the field at the time of drilling.  |
| <b>Audits or reviews</b>                                       | No assay data is available hence no audits or reviews have been completed.  |

## Section 2: Reporting of Exploration Results

*(Criteria in this section apply to all succeeding sections.)*

| Criteria                                       | Commentary  |
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| <b>Mineral tenement and land tenure status</b> | The exploration results in this report relate to Exploration Licence E57/1036. This EL is 100% owned by Acacia Mining a 100% subsidiary of SUREFIRE RESOURCES NL.<br><br>Tenure in the form of Exploration Licences with standard 5-year expiry dates which may be renewed. There are no known impediments to obtaining a licence to operate in this area.<br><br>Exploration license is in the process of conversion to a mining licence M57/656 (in application) also registered to Acacia Mining.  |
| <b>Exploration done by other parties</b>       | Previous regional exploration on the project was undertaken by the company and included, geophysical surveys, geochemical surveys, rock sampling and RC drilling. Historical geophysical surveys included an airborne (helicopter) magnetic survey. Geochemical surveys included soil sampling. A detailed assessment of the historic data is in progress. No significant issues with the data have been detected to-date.  |
| <b>Geology</b>                                 | The Project occurs within the Atley Igneous Complex in the East Murchison Mineral field of Western Australia. The Atley Intrusion is a layered gabbroic body that is elongate in an NNE/SSW orientation and runs along the axis of the regional scale Youanmi Fault, a regionally dominant geological feature.<br><br>Mineralogy and petrology studies completed suggest that host rocks at Victory Bore are magnetite cumulate layers within gabbros in a layered mafic complex. The targeted deposit type and style of mineralisation is Fe-Ti-V magmatic magnetite layered system. Late-stage gold bearing faults and structures crosscut the complex at various orientations  |
| <b>Drill hole Information</b>                  | Refer to Table 1 of this report where drill hole collar and downhole orientation and depth information is tabulated. No information has been excluded.<br><br>Northing and easting data generally within 5m accuracy using a GPS – with DGPS location planned.<br><br>RL data +/-2m<br><br>Down hole length +/- 0.2m.<br><br>Location of previous Drillholes based on historical reports and data, originally located on surveyed sites, older holes within the drilling vicinity have been resurveyed using DGPS results are being processed at the time of writing.<br><br>Final Northing and Easting data of the Company's drillholes determined using DGPS generally within 0.1m accuracy. DGPS results are being processed at the time of writing. |
| <b>Data aggregation methods</b>                | No assays are being reported.<br><br>No metal equivalent values are used  |

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| <b>Relationship between mineralisation widths and intercept lengths</b> | The orientation of drilling is approximately perpendicular to the mineralisation.<br>All drill hole results reported are downhole lengths; true widths are approximately 80% of down-hole lengths. |
| <b>Diagrams</b>   | Appropriate diagrams are included in the main body of this report.   |
| <b>Balanced Reporting</b>   | Reporting of the drill results is considered balanced.   |
| <b>Other substantive exploration data</b>                               | No additional meaningful and material exploration data has been excluded from this report.   |
| <b>Further work</b>   | Drill data will be used to update the Mineral Resource Estimate and provide information for a Prefeasibility Study to be completed.  |

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