



## Exploration Drilling Program Set to Commence

### Aircore drilling to test for gold-copper in the Bryah Basin

#### Highlights:

- **5,000 metre aircore drilling program** planned to commence next week.
- Program designed to:
  - test significant geochemical soil anomaly with **Volcanogenic Massive Sulphide (VMS) potential at Windalah East prospect,**
  - follow up high-grade gold results at Jupiter prospect including **9 metres at 10.32 g/t Au,** and
  - follow up drilling at Mars prospect including **12 metres @ 2.0 g/t Au.**
- Additional drilling program to follow-up on aircore drilling results, and to test gold-copper target at Windalah Prospect (including **5 metres @ 6.62 g/t Au**).
- Follow-up drilling of manganese targets, **fully funded by OM (Manganese) Limited,** to commence in the period April to June 2020.

---

Bryah Resources Limited (“Bryah” or “the Company”) is pleased to advise of the intended commencement next week of a 5,000 metre aircore (AC) drilling programme at various prospects at the Company’s Bryah Basin Project located in central Western Australia (see Figure 1).

This is the first phase of drilling in the Bryah Basin that the Company plans to undertake between March and June 2020.

The programs are a continuation of extensive exploration and target generation work undertaken by the Company since 2017.

The aim of the AC drilling program is to:

- Test the large geochemical anomaly located at Windalah East, and
- Test for extensions to gold mineralisation intersected in previous drilling programs at the Jupiter and Mars Prospects.

---

#### Address

Level 1, 85 Havelock Street  
West Perth WA 6005  
Tel: +61 8 9321 0001  
Email: info@bryah.com.au

#### ASX Code: BYH

ABN: 59 616 795 245  
Shares on issue: 100,873,840  
Latest Share Price: \$0.04  
Market Capitalisation: \$4.0M

#### Projects

Bryah Basin – Copper, Gold,  
Manganese  
Gabanintha – Gold, Copper  
[bryah.com.au](http://bryah.com.au)

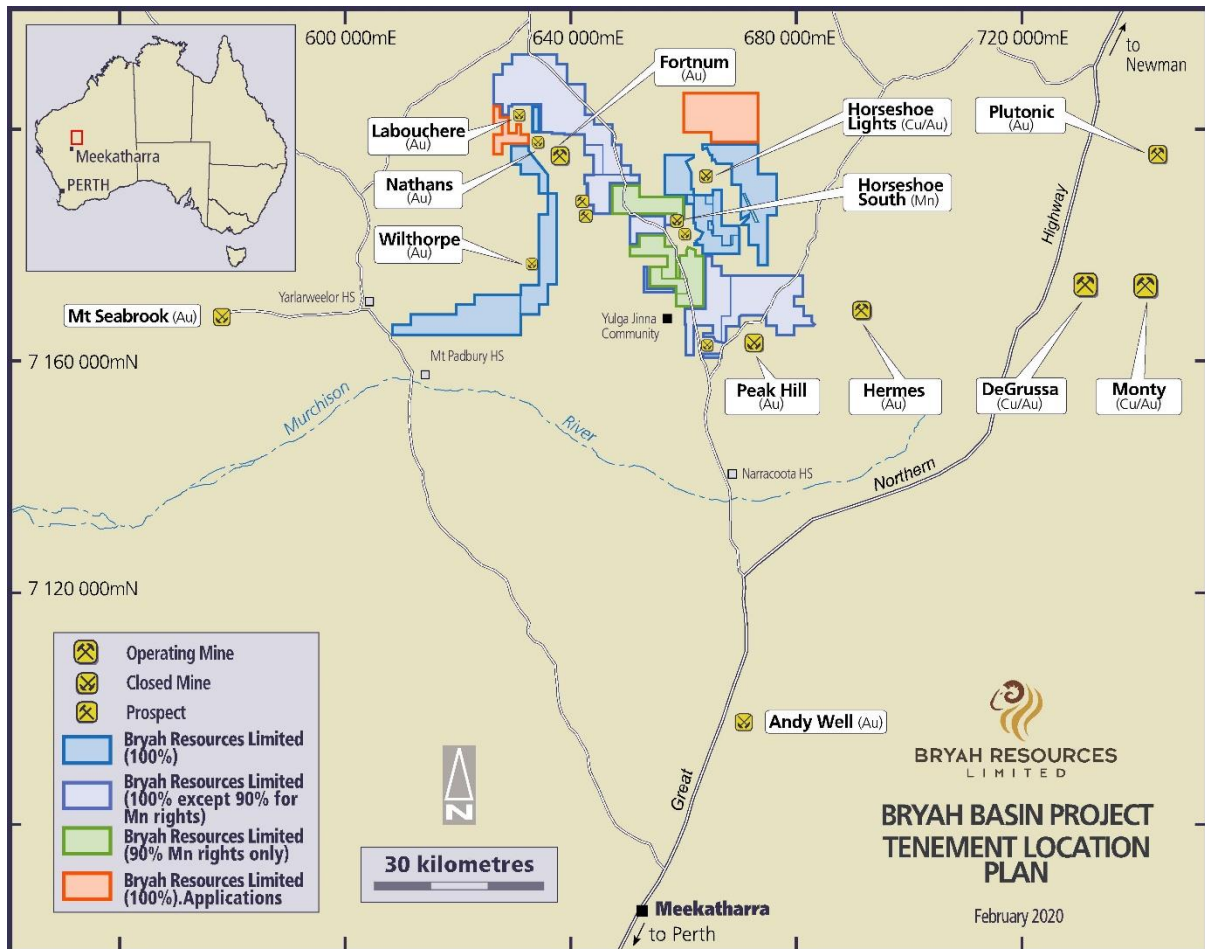


Figure 1 – Bryah Basin Project Tenement Location Plan

## Aircore Program

The AC drilling program has been designed to test a major soil geochemical anomaly with significant VMS potential at Windalah East and previous gold results at the Jupiter and Mars prospects.

The location of these prospects is shown in Figure 2 below.

### Windalah East Geochemical Anomaly

The principal objective of this aircore programme is to test the large Windalah East geochemical anomaly (“WEGA”) (see Figure 3). This geochemical anomaly was discovered in 2018 by 500 metre x 500 metre multi-element auger soil sampling, with follow up 250m x 250m in-fill sampling verifying the scale of the anomaly<sup>1</sup>.

<sup>1</sup> See BYH ASX Announcement dated 22 February 2019 for full details

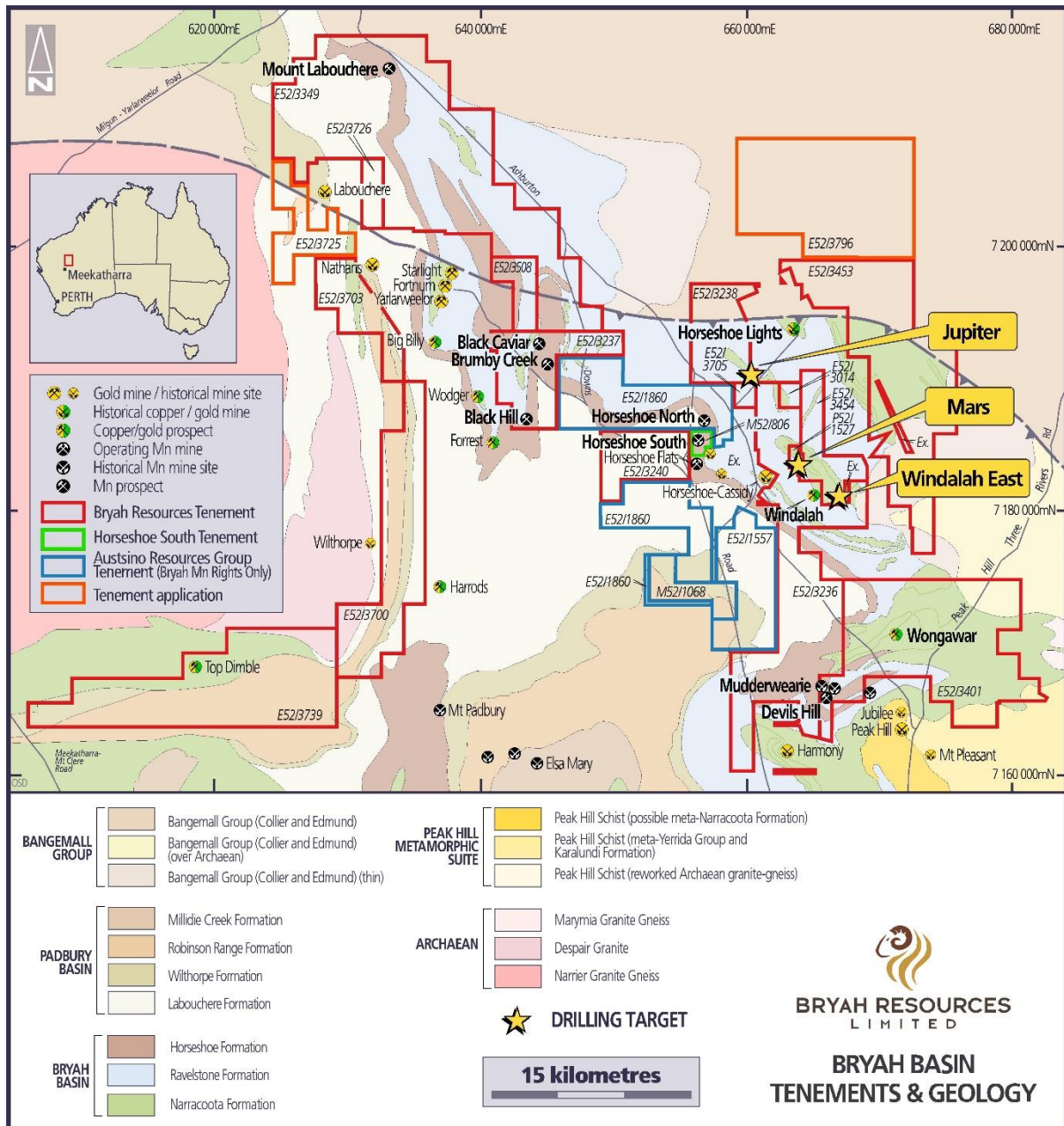


Figure 2 – Bryah Basin Tenements and Regional Geology Map

Within the WEGA, a highly anomalous area is the main focus of this program. The WEGA is characterised by anomalism in a number of pathfinder minerals including Antimony (Sb), Arsenic (As), Tellurium (Te) and Selenium (Se) which are common to the footwall alteration cells of hydrothermal VMS deposits.

The potential of the anomaly has further been upgraded by recent mapping in the area revealing widespread sericite-pyrite alteration<sup>2</sup>.

<sup>2</sup> See BYH ASX announcement dated 17 October 2018

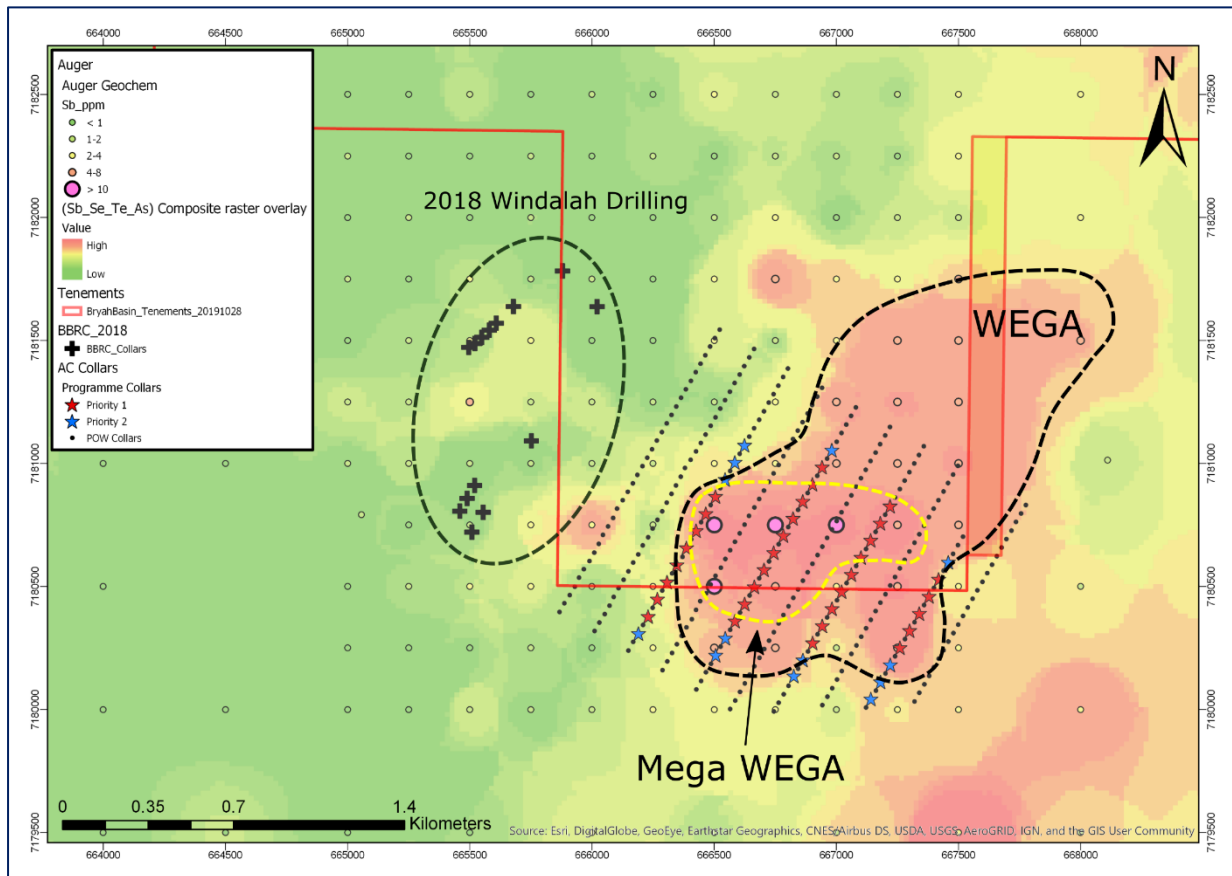


Figure 3 – Windalah East Geochemical Anomaly showing planned drill holes

The Company aims to define a bedrock anomaly that can be used to design future drilling campaigns targeting VMS gold-copper (+) mineralisation similar to the nearby copper mines of Degruessa and Horseshoe Lights.

A program of 4 traverses, 320 metres apart and approximately 800 metres long, with vertical drill holes at 80 metres intervals, will be drilled to the top of fresh rock, which is expected to be approximately 80-100 metres depth (see Figure 3).

### Jupiter Prospect

At the Jupiter Prospect historical drilling completed in 1994 intersected an area of significant copper and gold anomalism.

The best results recorded were in an RC drillhole (SWRC005) which intersected **9 metres @ 10.32 g/t Au from 19m**, in clays with quartz veining<sup>3</sup>. Adjacent shallow Rotary Air Blast (RAB) and RC drill holes also recorded gold anomalism however these results were never followed up by the previous explorers.

<sup>3</sup> Reference – WAMEX Report No A43731 Sabminco NL Saturn West Project D.Cook February 1995

Seven holes (BBRC004-BBRC008 and BBRC022-BBRC023) were drilled by Bryah in 2018 at the Jupiter Prospect, testing a co-incident strong EM conductor<sup>4</sup>. Drilling intersected a sulphide rich zone in BBRC007, consisting of coarse and fine-grained massive, blebby and disseminated concentrations of pyrite associated with quartz veining in basalt. Massive sulphide pyrite concentrations of up to 30% of the rock mass were observed. BBRC007 was abandoned at a final depth of 246 metres due to wet sample recovery. Follow-up drill holes (BBRC008, BBRC022 and BBRC023) all experienced similar wet ground conditions which hampered good sample recovery in all holes.

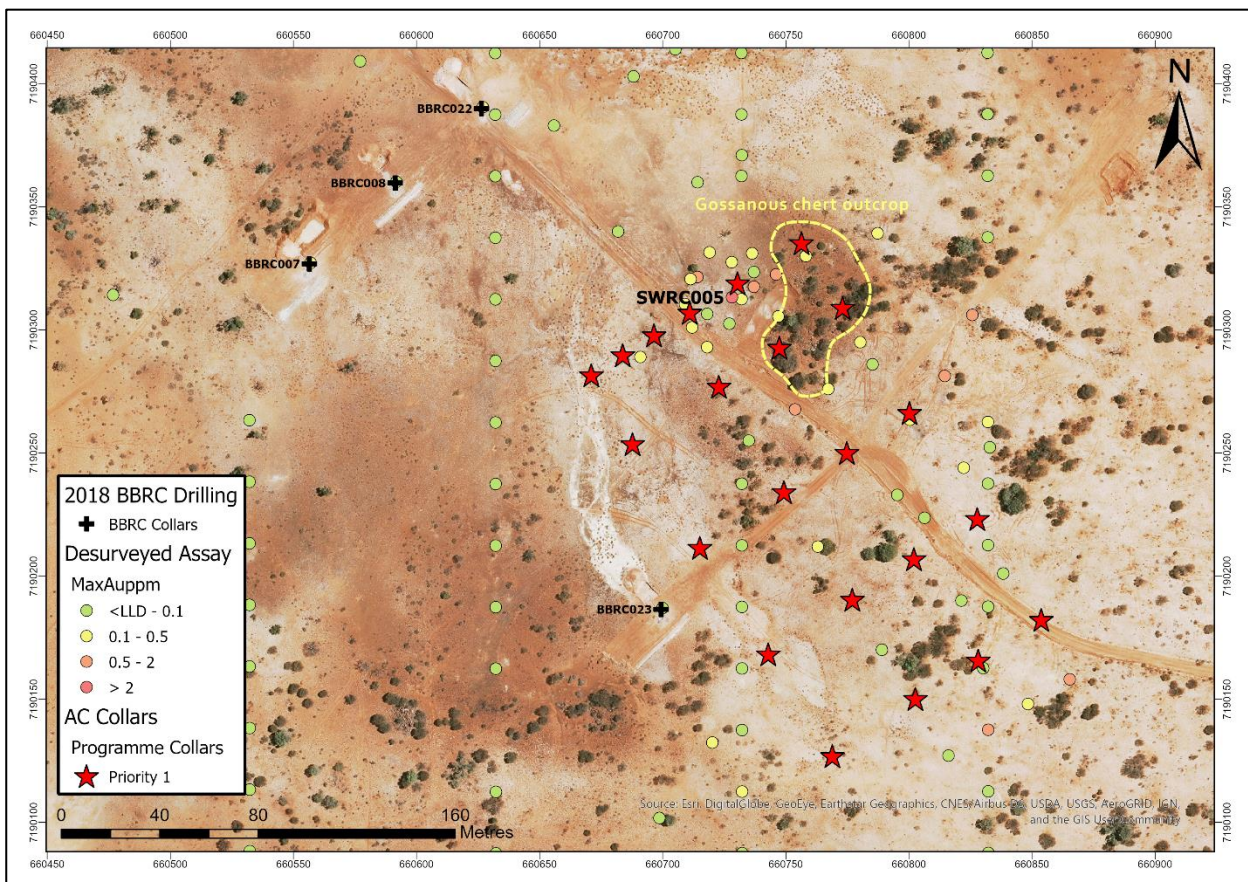


Figure 4 – Jupiter Prospect showing planned drill holes

The Company plans to drill test the area with up to 5 lines of drill holes to depths of approximately 100 metres depth (see Figure 4).

### Mars Prospect

Previous exploration at the Mars Prospect has identified anomalous gold mineralisation over a 500 metres strike length within P52/1527 (see Figure 5). This gold mineralisation occurs generally along the prospective contact of the Ravelstone and Narracoota Formations, which is the same stratigraphic position as the nearby Horseshoe Lights Copper-Gold mine.

<sup>4</sup> See BYH ASX announcement dated 17 October 2018 for full details

Several RAB drill traverses and limited follow-up RC drilling were completed with results of up to **12 metres @ 2.0 g/t Au from 14m** (AQRC007) reported (see Figure 5)<sup>5</sup>.

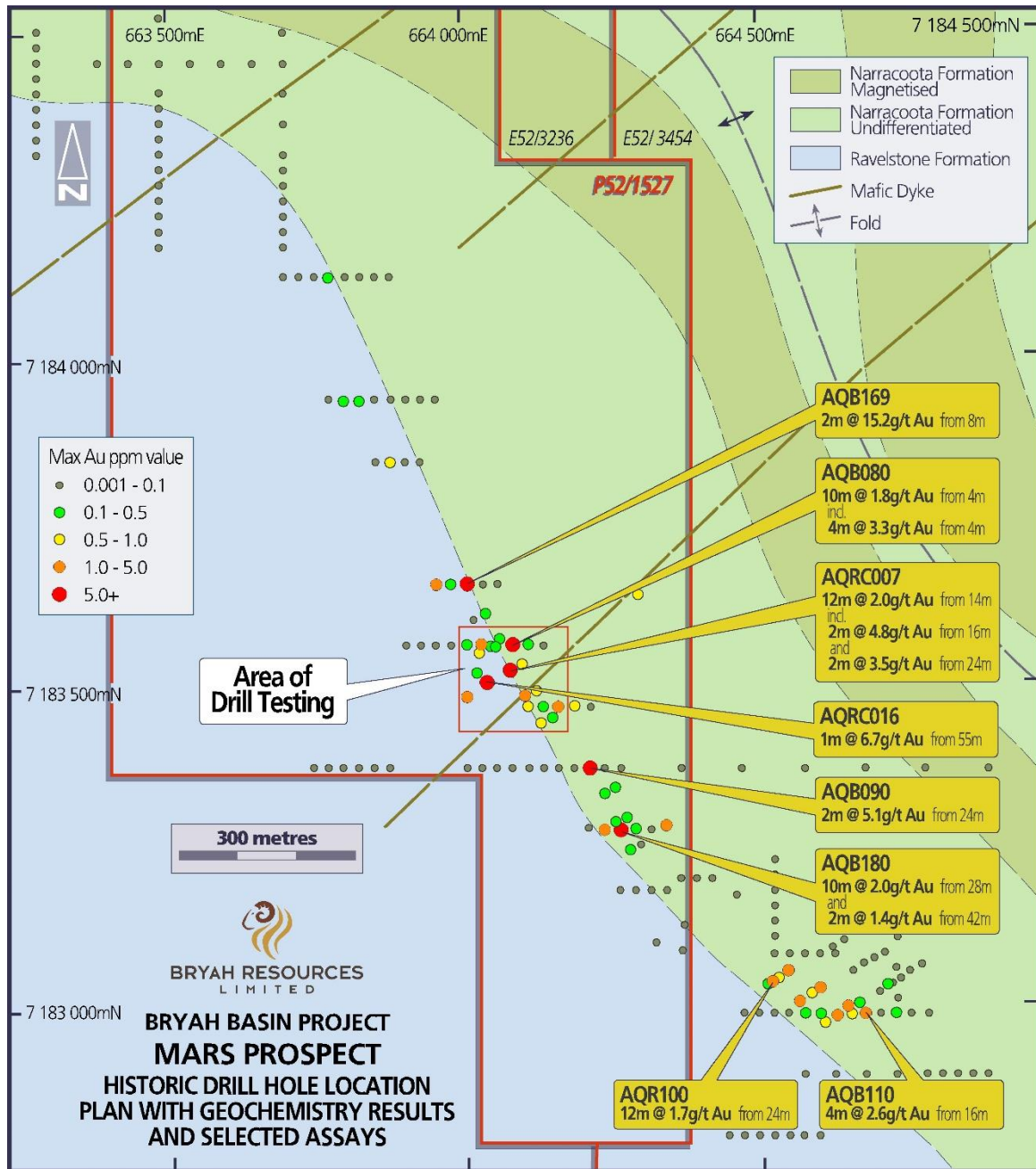


Figure 5– Mars Prospect showing planned drilling area

These shallow and wide-spaced drilling results at the Mars Prospect were never followed up at the time.

<sup>5</sup> Reference – WAMEX Report No A48821 Plutonic Operations Limited Annual Report 1995-1996 M Moroney September 1996

Bryah therefore plans to drill test part of this gold contact with in-fill and step-out drill holes to test for extensions of gold mineralisation in the vicinity of AQRC007, as shown in Figure 5.

### **Follow-up Exploration**

In addition to the imminent drilling programme as outlined above, over the coming months the Company expects to deliver the following additional drilling activity:

- **April 2020** - Reverse Circulation (RC) drilling to test several manganese target areas including the historic Horseshoe South Manganese Mine and the Brumby Creek, Black Hill, Black Beauty, Cheval and Mount Labouchere Prospects. This drilling will be managed by Bryah, but fully funded by OM (Manganese) Limited (“OMM”) as part of Bryah Basin Manganese Joint Venture, and
- **May 2020** - RC drilling to follow-up results from the imminent AC drilling program, and to test for extensions to the gold intersected, of up to **5 metres @ 6.62g/t Au from 78m** at Windalah in 2018<sup>6</sup>.

Additional drilling, based on the results of these programs, is expected to occur in the second half of 2020.

*The board of directors of Bryah Resources Limited has authorised this announcement to be given to the ASX.*

For Further Information, please contact

**Neil Marston**  
**Managing Director**

Tel: +61 9321 0001

---

<sup>6</sup> See BYH ASX Announcement dated 22 November 2018 for full details

## About Bryah Resources Limited

---

*Bryah Resources Limited is a copper-gold-manganese focused explorer with 2 projects located in central Western Australia, being the 1,135km<sup>2</sup> Bryah Basin Project and the 170km<sup>2</sup> Gabanintha Project.*

*The Bryah Basin is host to the high-grade copper-gold mines at DeGrussa, discovered by Sandfire Resources NL in 2009, and at Horseshoe Lights, which was mined until 1994. The Bryah Basin also has several historical and current manganese mines including the recently acquired Horseshoe South mine. The Company has secured a joint venture agreement with OM (Manganese) Limited in respect to its manganese rights only in respect to approximately 660 km<sup>2</sup> of its Bryah Basin tenement holdings.*

*At Gabanintha, Bryah holds the rights to all minerals except Vanadium, Uranium, Cobalt, Chromium, Titanium, Lithium, Tantalum, Manganese & Iron Ore (Excluded Minerals). Australian Vanadium Limited retains 100% rights in the Excluded Minerals on the Gabanintha Project.*

## Competent Persons Statement

---

*The information in this announcement that relates to Exploration Results is based on information compiled by Mr Tony Standish, who is a Member of the Australian Institute of Geoscientists. Mr Standish is a consultant to Bryah Resources Limited (“the Company”). Mr Standish has sufficient experience which 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 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Mr Standish consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.*

## Forward Looking Statements

---

*This report may contain certain “forward-looking statements” which may not have been based solely on historical facts, but rather may be based on the Company’s current expectations about future events and results. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward looking statements are subject to risks, uncertainties, assumptions and other factors which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements. Readers should not place undue reliance on forward looking information. The Company does not undertake any obligation to release publicly any revisions to any “forward looking statement” to reflect events or circumstances after the date of this report, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.*